



Annex B

PISA 2012 DATA

All tables in Annex B are available on line

Annex B1: Results for countries and economies

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Annex B2: Results for regions within countries

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Annex B3: List of tables available on line

The reader should note that there are gaps in the numbering of tables because some tables appear on line only and are not included in this publication.

Notes regarding Cyprus

Note by Turkey: The information in this document with reference to “Cyprus” relates to the southern part of the Island. There is no single authority representing both Turkish and Greek Cypriot people on the Island. Turkey recognises the Turkish Republic of Northern Cyprus (TRNC). Until a lasting and equitable solution is found within the context of the United Nations, Turkey shall preserve its position concerning the “Cyprus issue”.

Note by all the European Union Member States of the OECD and the European Union: The Republic of Cyprus is recognised by all members of the United Nations with the exception of Turkey. The information in this document relates to the area under the effective control of the Government of the Republic of Cyprus.

A note regarding Israel

The statistical data for Israel are supplied by and under the responsibility of the relevant Israeli authorities. The use of such data by the OECD is without prejudice to the status of the Golan Heights, East Jerusalem and Israeli settlements in the West Bank under the terms of international law.

ANNEX B1

RESULTS FOR COUNTRIES AND ECONOMIES

[Part 1/2]

Relationship between performance in mathematics, reading and science, and socio-economic status

Table II.2.1 Results based on students' self-reports

	Unadjusted mathematics mean score		Mathematics performance accounted for the mean ESCS ¹		Strength of the relationship between mathematics performance and ESCS ²		Slope of the socio-economic gradient for mathematics ²		Length of the projection of the gradient line ³					
									5th percentile of ESCS		95th percentile of ESCS		Difference between 95th and 5th percentile of ESCS	
	Mean score	S.E.	Mean score	S.E.	Percentage of explained variance in mathematics performance	S.E.	Score-point difference in mathematics associated with one-unit increase in ESCS	S.E.	Index	S.E.	Index	S.E.	Dif.	S.E.
OECD	Australia	504 (1.6)	496 (1.6)	12.3 (0.8)	42 (1.3)	-1.11 (0.02)	1.36 (0.01)	2.48 (0.02)						
	Austria	506 (2.7)	503 (2.5)	15.8 (1.5)	43 (2.2)	-1.21 (0.04)	1.51 (0.03)	2.72 (0.05)						
	Belgium	515 (2.1)	510 (1.8)	19.6 (1.4)	49 (1.7)	-1.26 (0.04)	1.49 (0.03)	2.75 (0.04)						
	Canada	518 (1.8)	508 (1.6)	9.4 (0.7)	31 (1.2)	-1.06 (0.03)	1.65 (0.02)	2.71 (0.03)						
	Chile	423 (3.1)	443 (2.7)	23.1 (1.9)	34 (1.6)	-2.34 (0.06)	1.32 (0.02)	3.66 (0.06)						
	Czech Republic	499 (2.9)	503 (2.5)	16.2 (1.5)	51 (2.7)	-1.17 (0.03)	1.20 (0.02)	2.37 (0.03)						
	Denmark	500 (2.3)	485 (1.7)	16.5 (1.4)	39 (1.7)	-0.95 (0.03)	1.62 (0.02)	2.57 (0.03)						
	Estonia	521 (2.0)	518 (1.9)	8.6 (0.9)	29 (1.7)	-1.13 (0.02)	1.36 (0.01)	2.48 (0.02)						
	Finland	519 (1.9)	508 (1.9)	9.4 (0.9)	33 (1.8)	-0.93 (0.02)	1.45 (0.02)	2.39 (0.03)						
	France	495 (2.5)	500 (2.2)	22.5 (1.3)	57 (2.2)	-1.36 (0.03)	1.17 (0.01)	2.54 (0.03)						
	Germany	514 (2.9)	511 (2.6)	16.9 (1.4)	43 (2.0)	-1.25 (0.04)	1.65 (0.02)	2.91 (0.04)						
	Greece	453 (2.5)	456 (1.9)	15.5 (1.5)	34 (1.8)	-1.67 (0.05)	1.46 (0.04)	3.12 (0.05)						
	Hungary	477 (3.2)	490 (2.8)	23.1 (2.3)	47 (2.8)	-1.76 (0.04)	1.26 (0.02)	3.02 (0.04)						
	Iceland	493 (1.7)	470 (2.1)	7.7 (1.0)	31 (2.1)	-0.65 (0.03)	1.90 (0.02)	2.55 (0.04)						
	Ireland	501 (2.2)	497 (2.0)	14.6 (1.2)	38 (1.8)	-1.23 (0.02)	1.42 (0.01)	2.65 (0.02)						
	Israel	466 (4.7)	460 (3.8)	17.2 (1.5)	51 (2.6)	-1.27 (0.05)	1.30 (0.01)	2.56 (0.05)						
	Italy	485 (2.0)	487 (1.8)	10.1 (0.6)	30 (1.2)	-1.58 (0.01)	1.56 (0.02)	3.13 (0.03)						
	Japan	536 (3.6)	541 (3.3)	9.8 (1.6)	41 (3.9)	-1.17 (0.02)	1.05 (0.01)	2.22 (0.03)						
	Korea	554 (4.6)	553 (3.9)	10.1 (1.4)	42 (3.3)	-1.23 (0.03)	1.15 (0.02)	2.38 (0.03)						
	Luxembourg	490 (1.1)	488 (1.3)	18.3 (1.1)	37 (1.2)	-1.85 (0.03)	1.64 (0.02)	3.48 (0.05)						
	Mexico	413 (1.4)	435 (1.4)	10.4 (0.8)	19 (0.8)	-3.03 (0.04)	1.08 (0.03)	4.10 (0.05)						
	Netherlands	523 (3.5)	515 (3.2)	11.5 (1.7)	40 (3.1)	-1.06 (0.03)	1.35 (0.02)	2.41 (0.04)						
	New Zealand	500 (2.2)	500 (2.2)	18.4 (1.3)	52 (1.9)	-1.33 (0.03)	1.25 (0.04)	2.58 (0.05)						
	Norway	489 (2.7)	476 (2.8)	7.4 (1.0)	32 (2.4)	-0.81 (0.02)	1.55 (0.01)	2.36 (0.02)						
	Poland	518 (3.6)	526 (3.2)	16.6 (1.7)	41 (2.4)	-1.39 (0.02)	1.35 (0.02)	2.74 (0.02)						
	Portugal	487 (3.8)	506 (2.6)	19.6 (1.8)	35 (1.6)	-2.13 (0.03)	1.62 (0.02)	3.74 (0.03)						
	Slovak Republic	482 (3.4)	492 (2.6)	24.6 (2.1)	54 (2.9)	-1.48 (0.06)	1.42 (0.03)	2.89 (0.07)						
	Slovenia	501 (1.2)	499 (1.3)	15.6 (1.0)	42 (1.5)	-1.23 (0.02)	1.46 (0.02)	2.69 (0.03)						
	Spain	484 (1.9)	492 (1.6)	15.8 (1.0)	34 (1.1)	-1.82 (0.02)	1.43 (0.02)	3.26 (0.03)						
	Sweden	478 (2.3)	471 (1.9)	10.6 (1.1)	36 (1.9)	-1.05 (0.02)	1.42 (0.04)	2.47 (0.04)						
	Switzerland	531 (3.0)	525 (2.7)	12.8 (1.2)	38 (1.8)	-1.34 (0.03)	1.51 (0.01)	2.85 (0.03)						
	Turkey	448 (4.8)	494 (6.6)	14.5 (1.8)	32 (2.4)	-3.01 (0.04)	0.63 (0.07)	3.64 (0.07)						
	United Kingdom	494 (3.3)	486 (2.6)	12.5 (1.2)	41 (2.4)	-1.04 (0.02)	1.49 (0.03)	2.53 (0.04)						
	United States	481 (3.6)	476 (2.7)	14.8 (1.3)	35 (1.7)	-1.52 (0.05)	1.61 (0.04)	3.12 (0.06)						
OECD average	494 (0.5)	495 (0.5)	14.8 (0.2)	39 (0.4)	-1.42 (0.01)	1.40 (0.00)	2.83 (0.01)							
Partners	Albania	m m	m m	m m	m m	m m	m m	m m						
	Argentina	388 (3.5)	409 (3.0)	15.1 (1.5)	26 (1.7)	-2.54 (0.07)	1.06 (0.03)	3.60 (0.07)						
	Brazil	391 (2.1)	423 (3.2)	15.7 (1.6)	26 (1.7)	-2.98 (0.02)	0.81 (0.04)	3.80 (0.05)						
	Bulgaria	439 (4.0)	451 (3.2)	22.3 (2.3)	42 (2.7)	-1.92 (0.10)	1.30 (0.02)	3.23 (0.09)						
	Colombia	376 (2.9)	408 (3.6)	15.4 (1.8)	25 (1.7)	-3.21 (0.04)	0.62 (0.04)	3.83 (0.06)						
	Costa Rica	407 (3.0)	431 (3.1)	18.9 (2.1)	24 (1.6)	-3.00 (0.07)	0.92 (0.03)	3.93 (0.07)						
	Croatia	471 (3.5)	484 (3.7)	12.0 (1.4)	36 (2.6)	-1.60 (0.03)	1.16 (0.02)	2.76 (0.04)						
	Cyprus*	440 (1.1)	438 (1.1)	14.1 (1.1)	38 (1.6)	-1.30 (0.04)	1.49 (0.02)	2.79 (0.04)						
	Hong Kong-China	561 (3.2)	584 (3.1)	7.5 (1.5)	27 (2.6)	-2.29 (0.03)	0.82 (0.05)	3.10 (0.05)						
	Indonesia	375 (4.0)	411 (8.1)	9.6 (3.0)	20 (3.4)	-3.35 (0.05)	0.25 (0.08)	3.60 (0.08)						
	Jordan	386 (3.1)	397 (3.4)	8.4 (1.3)	22 (2.2)	-2.15 (0.06)	1.01 (0.03)	3.16 (0.07)						
	Kazakhstan	432 (3.0)	440 (3.1)	8.0 (1.7)	27 (2.8)	-1.56 (0.03)	0.78 (0.02)	2.34 (0.04)						
	Latvia	491 (2.8)	500 (2.5)	14.7 (1.7)	35 (2.1)	-1.62 (0.04)	1.15 (0.03)	2.77 (0.05)						
	Liechtenstein	535 (4.0)	528 (4.5)	7.6 (3.1)	28 (5.8)	-1.22 (0.12)	1.80 (0.17)	3.02 (0.18)						
	Lithuania	479 (2.6)	484 (2.2)	13.8 (1.2)	36 (1.8)	-1.57 (0.02)	1.18 (0.01)	2.75 (0.02)						
	Macao-China	538 (1.0)	555 (1.6)	2.6 (0.4)	17 (1.5)	-2.19 (0.02)	0.74 (0.03)	2.94 (0.04)						
	Malaysia	421 (3.2)	442 (3.6)	13.4 (1.6)	30 (2.1)	-2.41 (0.06)	0.84 (0.03)	3.24 (0.07)						
	Montenegro	410 (1.1)	419 (1.2)	12.7 (0.9)	33 (1.3)	-1.70 (0.04)	1.13 (0.02)	2.82 (0.05)						
	Peru	368 (3.7)	409 (4.0)	23.4 (2.4)	33 (2.0)	-3.23 (0.05)	0.91 (0.07)	4.14 (0.07)						
	Qatar	376 (0.8)	367 (0.9)	5.6 (0.5)	27 (1.2)	-1.24 (0.03)	1.69 (0.03)	2.93 (0.04)						
	Romania	445 (3.8)	463 (3.5)	19.3 (2.4)	38 (2.9)	-1.92 (0.07)	1.09 (0.04)	3.01 (0.07)						
	Russian Federation	482 (3.0)	487 (3.0)	11.4 (1.7)	38 (3.2)	-1.36 (0.04)	0.98 (0.03)	2.34 (0.05)						
	Serbia	449 (3.4)	459 (3.2)	11.7 (1.4)	34 (2.4)	-1.62 (0.04)	1.24 (0.02)	2.87 (0.04)						
	Shanghai-China	613 (3.3)	627 (2.7)	15.1 (1.9)	41 (2.7)	-1.95 (0.07)	1.05 (0.02)	3.00 (0.07)						
	Singapore	573 (1.3)	585 (1.2)	14.4 (0.9)	44 (1.4)	-1.84 (0.03)	1.14 (0.02)	2.98 (0.03)						
	Chinese Taipei	560 (3.3)	583 (2.5)	17.9 (1.4)	58 (2.5)	-1.74 (0.03)	0.95 (0.02)	2.69 (0.03)						
	Thailand	427 (3.4)	457 (4.9)	9.9 (2.2)	22 (2.4)	-2.99 (0.03)	0.80 (0.05)	3.79 (0.06)						
	Tunisia	388 (3.9)	415 (5.7)	12.4 (2.4)	22 (2.6)	-3.28 (0.05)	0.83 (0.06)	4.11 (0.08)						
	United Arab Emirates	434 (2.4)	424 (2.0)	9.8 (1.0)	33 (1.9)	-1.29 (0.06)	1.49 (0.02)	2.79 (0.06)						
	Uruguay	409 (2.8)	443 (2.8)	22.8 (1.9)	37 (1.8)	-2.53 (0.03)	1.14 (0.04)	3.67 (0.05)						
Viet Nam	511 (4.8)	565 (6.3)	14.6 (2.3)	29 (2.6)	-3.37 (0.04)	0.48 (0.12)	3.84 (0.12)							

Note: Values that are statistically significant are indicated in bold (see Annex A3). There are no direct comparisons with the OECD average in these tables.


1. ESCS refers to the PISA index of economic, social and cultural status.

2. Single-level bivariate regression of performance on the ESCS, the slope is the regression coefficient for ESCS.

3. Percentiles calculated at the student level.

4. Student-level regression of mathematics performance on the ESCS and the squared term of the ESCS; the index of curvilinearity is the regression coefficient for the squared term.

* See notes at the beginning of this Annex.

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[Part 2/2]

Relationship between performance in mathematics, reading and science, and socio-economic status
Results based on students' self-reports

Table II.2.1

	Index of curvilinearity ¹		Strength of the relationship between reading performance and ESCS ²		Slope of the socio-economic gradient for reading ²		Strength of the relationship between science performance and ESCS ²		Slope of the socio-economic gradient for science ²	
	Score-point difference in mathematics associated with one-unit increase in ESCS squared		Percentage of explained variance in reading performance		Score-point difference in reading associated with one-unit increase in ESCS		Percentage of explained variance in science performance		Score-point difference in science associated with one-unit increase in ESCS	
	S.E.		S.E.		S.E.		S.E.		S.E.	
OECD	2.0	(1.1)	12.0	(0.8)	42	(1.3)	11.9	(0.7)	43	(1.3)
Australia	-4.6	(2.0)	15.3	(1.6)	42	(2.3)	18.3	(1.7)	46	(2.2)
Austria	1.7	(1.3)	18.2	(1.4)	47	(1.8)	19.2	(1.4)	48	(1.7)
Belgium	1.7	(1.0)	8.1	(0.7)	30	(1.3)	7.8	(0.7)	29	(1.4)
Canada	3.3	(0.8)	20.4	(1.8)	31	(1.5)	20.2	(1.9)	32	(1.7)
Chile	-5.0	(2.9)	14.8	(1.5)	46	(2.7)	14.3	(1.7)	46	(3.1)
Czech Republic	1.3	(1.5)	15.3	(1.3)	39	(1.9)	15.7	(1.5)	43	(2.2)
Denmark	3.7	(2.2)	6.8	(1.0)	26	(1.9)	7.4	(0.9)	27	(1.9)
Estonia	1.6	(1.7)	7.5	(0.9)	33	(2.2)	7.9	(0.9)	33	(2.1)
Finland	4.3	(1.5)	18.7	(1.5)	58	(2.9)	21.5	(1.3)	58	(2.4)
France	-4.5	(1.6)	15.0	(1.4)	37	(2.0)	17.1	(1.4)	42	(2.2)
Germany	1.3	(1.2)	12.0	(1.3)	34	(2.1)	13.7	(1.4)	33	(1.9)
Greece	-1.4	(1.8)	20.0	(2.1)	42	(2.3)	22.4	(2.2)	44	(2.3)
Hungary	1.3	(1.9)	6.3	(1.0)	30	(2.3)	7.5	(0.9)	33	(2.1)
Iceland	0.5	(1.5)	15.1	(1.2)	39	(1.9)	14.5	(1.2)	41	(2.0)
Ireland	5.5	(1.2)	11.2	(1.4)	44	(2.9)	14.7	(1.4)	48	(2.9)
Israel	-3.2	(0.7)	9.7	(0.7)	31	(1.1)	9.6	(0.7)	30	(1.1)
Italy	-2.6	(2.4)	7.9	(1.5)	38	(3.9)	7.3	(1.4)	36	(3.9)
Japan	6.6	(2.2)	7.9	(1.2)	33	(2.8)	6.7	(1.1)	29	(2.6)
Korea	2.6	(1.1)	15.6	(1.0)	37	(1.3)	20.0	(1.0)	42	(1.1)
Luxembourg	1.3	(0.4)	10.9	(0.9)	21	(0.9)	10.5	(0.8)	18	(0.8)
Mexico	3.1	(1.8)	10.8	(1.7)	39	(3.2)	12.5	(1.8)	43	(3.1)
Netherlands	-0.3	(2.0)	16.5	(1.4)	52	(2.4)	18.2	(1.5)	54	(2.3)
New Zealand	-1.6	(1.6)	6.3	(1.0)	33	(2.7)	6.9	(1.0)	34	(2.8)
Norway	-2.1	(1.7)	13.4	(1.6)	36	(2.2)	14.4	(1.7)	36	(2.4)
Poland	0.1	(1.1)	16.5	(1.7)	31	(1.8)	18.7	(1.7)	32	(1.6)
Portugal	-3.9	(2.0)	24.1	(2.1)	56	(3.3)	26.4	(2.0)	56	(2.9)
Slovak Republic	1.7	(1.5)	14.2	(1.1)	40	(1.6)	14.1	(1.0)	39	(1.5)
Slovenia	-0.3	(0.7)	12.5	(1.0)	31	(1.3)	13.6	(0.9)	31	(1.1)
Spain	-1.1	(1.4)	9.1	(1.1)	38	(2.5)	10.4	(1.2)	38	(2.4)
Sweden	-1.5	(1.7)	13.9	(1.0)	38	(1.4)	15.4	(1.0)	40	(1.4)
Switzerland	3.3	(1.2)	14.5	(1.8)	30	(2.1)	11.0	(1.6)	24	(1.8)
Turkey	5.5	(1.5)	11.8	(1.1)	40	(2.3)	13.5	(1.2)	45	(2.3)
United Kingdom	6.5	(1.2)	12.6	(1.3)	33	(1.8)	14.2	(1.4)	36	(1.8)
United States	0.8	(0.3)	13.1	(0.2)	38	(0.4)	14.0	(0.2)	38	(0.4)
OECD average										
Partners	m	m	m	m	m	m	m	m	m	m
Albania	3.1	(1.1)	11.9	(1.5)	29	(2.1)	15.1	(1.8)	29	(2.2)
Argentina	5.6	(1.1)	11.0	(1.1)	24	(1.3)	13.5	(1.4)	25	(1.5)
Brazil	2.5	(1.6)	21.9	(2.2)	53	(2.9)	23.8	(2.3)	47	(2.8)
Bulgaria	3.5	(0.9)	15.6	(1.9)	28	(1.9)	12.7	(1.8)	23	(1.8)
Colombia	4.0	(0.9)	14.7	(2.1)	23	(1.7)	16.3	(2.2)	23	(1.7)
Costa Rica	2.6	(1.6)	11.2	(1.4)	34	(2.5)	9.8	(1.2)	31	(2.3)
Croatia	2.3	(1.2)	8.2	(0.8)	35	(1.9)	13.7	(1.0)	39	(1.7)
Cyprus*	0.9	(1.4)	5.2	(1.2)	20	(2.5)	6.0	(1.3)	21	(2.3)
Hong Kong-China	5.4	(1.9)	6.2	(2.2)	17	(3.1)	8.4	(2.5)	18	(2.7)
Indonesia	3.0	(1.3)	4.8	(1.0)	19	(2.1)	7.0	(1.2)	21	(2.2)
Jordan	1.6	(1.8)	12.2	(1.4)	34	(2.1)	9.5	(1.4)	30	(2.3)
Kazakhstan	-1.0	(1.7)	14.0	(2.0)	36	(2.7)	11.9	(1.7)	30	(2.2)
Latvia	-12.3	(5.1)	7.0	(3.1)	25	(5.6)	9.7	(3.4)	29	(5.2)
Liechtenstein	-1.7	(1.4)	11.3	(1.1)	32	(1.7)	11.8	(1.2)	32	(1.9)
Lithuania	0.8	(1.4)	1.5	(0.4)	11	(1.4)	2.1	(0.6)	13	(1.8)
Macao-China	6.2	(1.1)	7.7	(1.4)	23	(2.2)	10.3	(1.4)	25	(1.9)
Malaysia	2.9	(1.4)	10.9	(1.0)	34	(1.5)	11.6	(0.9)	32	(1.4)
Montenegro	1.4	(1.2)	23.6	(2.6)	37	(2.3)	21.7	(2.5)	30	(1.8)
Peru	-2.7	(0.7)	5.2	(0.5)	29	(1.4)	5.4	(0.5)	28	(1.2)
Qatar	6.0	(1.0)	16.5	(2.0)	38	(2.6)	16.9	(2.1)	34	(2.5)
Romania	1.0	(2.3)	13.1	(1.6)	43	(3.2)	14.6	(1.9)	43	(3.1)
Russian Federation	3.7	(1.6)	8.7	(1.2)	30	(2.3)	8.8	(1.2)	29	(2.2)
Serbia	-3.9	(1.8)	15.6	(1.8)	33	(2.0)	15.3	(2.0)	33	(2.1)
Shanghai-China	1.7	(1.4)	15.2	(0.9)	43	(1.4)	16.5	(1.0)	46	(1.6)
Singapore	-0.5	(1.8)	15.1	(1.4)	42	(2.2)	16.7	(1.4)	40	(1.8)
Chinese Taipei	7.5	(1.4)	10.0	(1.9)	21	(2.1)	8.2	(1.8)	19	(2.1)
Thailand	5.9	(1.4)	9.2	(1.8)	21	(2.2)	8.2	(1.7)	18	(2.0)
Tunisia	0.8	(1.1)	7.1	(0.9)	30	(1.9)	8.9	(1.0)	33	(2.1)
United Arab Emirates	4.4	(1.2)	17.5	(1.8)	35	(2.0)	19.8	(1.8)	37	(1.9)
Uruguay	-0.1	(1.4)	11.7	(2.1)	23	(2.3)	10.1	(1.8)	22	(2.2)
Viet Nam										

Note: Values that are statistically significant are indicated in bold (see Annex A3). There are no direct comparisons with the OECD average in these tables.

1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. Single-level bivariate regression of performance on the ESCS, the slope is the regression coefficient for ESCS.

3. Percentiles calculated at the student level.

4. Student-level regression of mathematics performance on the ESCS and the squared term of the ESCS; the index of curvilinearity is the regression coefficient for the squared term.

* See notes at the beginning of this Annex.

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[Part 1/7]

Elements of socio-economic status, by quarters of socio-economic status within countries


Table II.2.2 Results based on students' self-reports

	Parents' highest level of education: Percentage of students with at least one parent whose highest educational attainment is lower secondary (ISCED 2 or lower)								Parents' highest level of education: Percentage of students with at least one parent whose highest educational attainment is upper secondary or post-secondary non-tertiary (ISCED 3 and 4)							
	Bottom quarter of ESCS ¹		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																
Australia	30.5	(0.8)	9.6	(0.6)	1.7	(0.2)	0.0	(0.0)	55.7	(1.0)	50.1	(1.1)	26.6	(0.9)	4.3	(0.4)
Austria	17.7	(1.5)	0.8	(0.3)	0.2	(0.1)	0.0	(0.0)	73.7	(1.9)	63.3	(1.9)	44.9	(1.6)	7.2	(0.8)
Belgium	19.1	(1.3)	0.6	(0.2)	0.0	(0.0)	0.0	(0.0)	72.0	(1.5)	44.7	(1.3)	11.1	(0.9)	0.6	(0.1)
Canada	12.4	(0.9)	0.4	(0.1)	0.0	(0.0)	0.0	(0.0)	61.6	(1.0)	29.3	(0.9)	5.9	(0.5)	0.7	(0.1)
Chile	78.0	(1.5)	10.3	(0.9)	1.1	(0.3)	0.0	(0.0)	21.8	(1.4)	86.7	(1.1)	56.5	(1.7)	5.6	(0.7)
Czech Republic	4.6	(0.9)	0.3	(0.2)	0.0	(0.0)	0.0	(0.0)	92.4	(1.4)	88.5	(1.1)	65.1	(1.6)	18.6	(1.3)
Denmark	20.4	(1.3)	2.4	(0.5)	0.2	(0.1)	0.0	(0.0)	62.2	(1.6)	34.4	(1.4)	10.3	(1.0)	0.5	(0.2)
Estonia	8.5	(1.1)	0.9	(0.3)	0.1	(0.1)	0.0	(0.0)	83.5	(1.4)	52.8	(1.6)	21.8	(1.4)	1.9	(0.4)
Finland	11.3	(0.7)	0.3	(0.1)	0.0	(0.0)	0.0	(0.0)	46.4	(1.3)	19.8	(1.1)	4.9	(0.5)	0.2	(0.1)
France	33.5	(1.7)	3.5	(0.6)	0.9	(0.3)	0.0	(0.0)	53.7	(1.6)	50.3	(1.7)	35.5	(1.3)	5.5	(0.7)
Germany	64.9	(1.7)	22.5	(1.4)	3.7	(0.7)	0.0	(0.0)	28.3	(1.5)	42.5	(1.5)	33.1	(1.5)	2.6	(0.5)
Greece	40.1	(1.7)	2.5	(0.5)	0.1	(0.1)	0.0	(0.0)	57.3	(1.7)	64.1	(1.6)	24.5	(1.3)	0.8	(0.2)
Hungary	36.2	(1.9)	2.0	(0.5)	0.0	(0.0)	0.0	(0.0)	63.1	(1.9)	82.2	(1.1)	39.9	(1.6)	2.1	(0.4)
Iceland	26.9	(1.5)	2.0	(0.5)	0.0	(0.0)	0.0	(0.0)	55.7	(1.7)	40.2	(1.9)	9.0	(1.0)	1.5	(0.4)
Ireland	28.7	(1.3)	2.8	(0.4)	0.4	(0.2)	0.0	(0.0)	60.6	(1.6)	56.0	(1.5)	24.6	(1.2)	3.0	(0.5)
Israel	16.8	(1.6)	0.9	(0.3)	0.0	(0.0)	0.0	(0.0)	69.7	(1.6)	50.0	(1.6)	13.3	(1.1)	2.4	(0.4)
Italy	74.3	(0.8)	7.1	(0.4)	0.6	(0.1)	0.0	(0.0)	25.2	(0.8)	75.0	(0.7)	60.9	(0.8)	8.6	(0.5)
Japan	5.7	(0.8)	1.0	(0.2)	0.1	(0.1)	0.0	(0.0)	79.0	(1.2)	41.2	(1.6)	21.6	(1.1)	1.7	(0.4)
Korea	11.9	(1.1)	1.0	(0.3)	0.0	(0.0)	0.0	(0.0)	80.5	(1.1)	61.0	(1.6)	17.6	(1.1)	1.2	(0.3)
Luxembourg	74.6	(1.3)	5.2	(0.6)	0.2	(0.1)	0.0	(0.0)	23.8	(1.2)	63.0	(1.4)	27.4	(1.2)	2.4	(0.4)
Mexico	98.3	(0.2)	77.9	(0.7)	21.9	(0.7)	0.6	(0.2)	1.5	(0.2)	15.9	(0.6)	34.2	(0.7)	6.8	(0.3)
Netherlands	22.4	(1.5)	2.0	(0.5)	0.0	(0.0)	0.0	(0.0)	60.7	(1.8)	45.4	(1.9)	15.8	(1.6)	0.7	(0.2)
New Zealand	23.6	(1.6)	4.5	(0.7)	0.7	(0.3)	0.0	(0.0)	64.9	(1.6)	60.8	(1.8)	29.3	(1.7)	5.4	(0.8)
Norway	11.0	(1.0)	0.4	(0.2)	0.1	(0.1)	0.0	(0.0)	62.7	(1.4)	39.2	(1.4)	12.7	(1.0)	2.4	(0.5)
Poland	11.5	(1.1)	0.7	(0.3)	0.3	(0.2)	0.0	(0.0)	88.5	(1.1)	98.5	(0.4)	87.0	(1.1)	8.4	(1.0)
Portugal	99.5	(0.2)	76.7	(1.4)	18.3	(1.2)	0.4	(0.1)	0.5	(0.2)	22.2	(1.3)	61.9	(1.5)	11.3	(1.1)
Slovak Republic	13.6	(1.9)	0.1	(0.1)	0.0	(0.0)	0.0	(0.0)	85.0	(1.9)	93.6	(0.7)	73.7	(1.5)	13.4	(1.2)
Slovenia	15.9	(1.3)	0.3	(0.1)	0.0	(0.0)	0.0	(0.0)	82.1	(1.3)	85.1	(1.2)	38.7	(1.6)	4.4	(0.6)
Spain	81.3	(0.9)	13.9	(0.8)	2.4	(0.3)	0.0	(0.0)	16.0	(0.9)	54.6	(1.4)	34.7	(0.9)	2.9	(0.5)
Sweden	19.7	(1.2)	1.9	(0.5)	0.1	(0.1)	0.0	(0.0)	52.4	(1.4)	38.7	(1.5)	9.2	(0.9)	1.1	(0.3)
Switzerland	44.5	(1.3)	6.4	(0.6)	0.6	(0.2)	0.0	(0.0)	42.2	(1.2)	49.7	(1.5)	30.6	(1.2)	1.4	(0.3)
Turkey	99.8	(0.1)	92.3	(0.8)	43.6	(1.6)	3.5	(0.6)	0.2	(0.1)	6.2	(0.7)	39.2	(1.5)	19.1	(1.1)
United Kingdom	13.4	(1.1)	1.3	(0.3)	0.0	(0.0)	0.0	(0.0)	66.4	(1.8)	49.2	(1.3)	27.7	(1.4)	4.5	(0.6)
United States	34.7	(2.0)	1.3	(0.4)	0.1	(0.1)	0.0	(0.0)	56.3	(2.0)	54.8	(1.7)	16.2	(1.3)	2.3	(0.4)
OECD average	35.4	(0.2)	10.5	(0.1)	2.9	(0.1)	0.1	(0.0)	54.3	(0.2)	53.2	(0.2)	31.3	(0.2)	4.6	(0.1)
Partners																
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	90.4	(1.3)	31.1	(1.5)	3.8	(0.7)	0.0	(0.0)	8.6	(1.2)	48.8	(1.5)	26.7	(1.5)	2.0	(0.4)
Brazil	96.8	(0.4)	44.4	(1.0)	7.7	(0.6)	0.3	(0.1)	3.2	(0.3)	54.5	(1.0)	70.9	(1.2)	17.9	(1.0)
Bulgaria	27.6	(2.1)	0.9	(0.2)	0.1	(0.1)	0.0	(0.0)	70.5	(2.1)	80.5	(1.1)	36.6	(1.3)	2.2	(0.4)
Colombia	96.0	(0.7)	48.8	(1.8)	5.0	(0.7)	0.2	(0.1)	3.5	(0.7)	33.9	(1.8)	21.1	(1.4)	3.3	(0.5)
Costa Rica	87.4	(1.3)	21.8	(1.5)	2.8	(0.5)	0.0	(0.0)	8.4	(0.9)	48.9	(2.0)	32.6	(1.6)	4.2	(0.7)
Croatia	18.9	(1.4)	0.1	(0.1)	0.0	(0.0)	0.0	(0.0)	76.1	(1.5)	67.0	(1.6)	45.7	(1.5)	3.8	(0.6)
Cyprus*	19.7	(1.1)	0.3	(0.1)	0.1	(0.1)	0.0	(0.0)	76.0	(1.1)	72.0	(1.3)	19.7	(1.2)	1.4	(0.3)
Hong Kong-China	86.5	(1.0)	24.8	(1.2)	7.6	(0.7)	0.1	(0.1)	13.5	(1.0)	73.8	(1.3)	79.7	(1.2)	26.7	(1.8)
Indonesia	98.3	(0.4)	71.6	(1.5)	20.4	(1.5)	2.0	(0.4)	1.7	(0.4)	26.6	(1.5)	68.7	(1.8)	31.3	(1.9)
Jordan	40.9	(1.6)	6.5	(0.7)	0.6	(0.2)	0.1	(0.1)	51.3	(1.6)	51.9	(1.4)	18.2	(1.0)	1.5	(0.4)
Kazakhstan	5.3	(0.9)	0.2	(0.1)	0.0	(0.0)	0.0	(0.0)	33.7	(1.8)	11.2	(1.2)	2.7	(0.5)	0.3	(0.2)
Latvia	10.6	(1.3)	0.2	(0.1)	0.0	(0.0)	0.0	(0.0)	85.5	(1.5)	65.4	(1.6)	17.8	(1.4)	1.3	(0.5)
Liechtenstein	39.8	(6.5)	2.7	(1.9)	0.0	(0.0)	0.0	(0.0)	45.5	(6.5)	60.0	(5.2)	25.4	(5.4)	0.5	(1.2)
Lithuania	5.5	(0.7)	0.4	(0.2)	0.1	(0.1)	0.0	(0.0)	90.3	(0.9)	37.4	(1.6)	8.8	(0.8)	0.3	(0.2)
Macao-China	95.0	(0.6)	67.4	(1.4)	30.9	(1.3)	3.8	(0.6)	5.0	(0.6)	31.4	(1.4)	60.4	(1.4)	32.5	(1.4)
Malaysia	60.5	(2.1)	9.3	(1.0)	1.9	(0.5)	0.0	(0.0)	38.8	(2.1)	84.1	(1.1)	70.7	(1.4)	19.7	(1.4)
Montenegro	16.0	(1.2)	0.2	(0.1)	0.0	(0.0)	0.0	(0.0)	77.9	(1.2)	54.5	(1.6)	15.2	(1.2)	1.1	(0.3)
Peru	83.3	(1.0)	21.9	(1.4)	1.7	(0.4)	0.0	(0.0)	16.5	(1.0)	71.4	(1.4)	60.0	(1.4)	8.7	(0.8)
Qatar	36.3	(0.9)	2.0	(0.3)	0.2	(0.1)	0.0	(0.0)	41.3	(0.8)	24.1	(1.0)	5.5	(0.4)	3.0	(0.3)
Romania	22.3	(1.8)	0.7	(0.3)	0.2	(0.1)	0.0	(0.0)	64.9	(1.8)	62.5	(1.6)	35.1	(1.7)	7.4	(0.7)
Russian Federation	4.9	(0.9)	0.2	(0.1)	0.0	(0.1)	0.0	(0.0)	27.4	(1.5)	3.4	(0.6)	1.2	(0.3)	0.1	(0.1)
Serbia	18.7	(1.6)	0.5	(0.2)	0.0	(0.0)	0.0	(0.0)	76.0	(1.7)	59.5	(1.5)	24.6	(1.2)	1.2	(0.4)
Shanghai-China	77.5	(1.4)	19.5	(1.2)	2.5	(0.4)	0.1	(0.1)	21.3	(1.5)	64.0	(1.3)	34.3	(1.4)	2.7	(0.5)
Singapore	37.3	(1.2)	2.4	(0.4)	0.1	(0.1)	0.0	(0.0)	59.2	(1.2)	75.7	(1.1)	31.8	(1.3)	2.3	(0.4)
Chinese Taipei	43.5	(1.3)	2.9	(0.5)	0.7	(0.2)	0.1	(0.1)	49.1	(1.2)	60.1	(1.4)	31.5	(1.3)	6.5	(0.8)
Thailand	98.8	(0.3)	77.8	(1.3)	22.7	(1.2)	1.4	(0.3)	1.2	(0.3)	21.9	(1.3)	71.7	(1.3)	28.5	(1.6)
Tunisia	92.0	(0.9)	24.9	(1.4)	2.0	(0.5)	0.1	(0.1)	7.9	(0.9)	70.7	(1.5)	73.6	(1.6)	16.1	(1.3)
United Arab Emirates	34.0	(1.1)	1.4	(0.3)	0.1	(0.1)	0.0	(0.0)	51.7	(1.0)	32.8	(1.3)	6.5	(0.6)	2.5	(0.4)
Uruguay	98.7	(0.4)	70.3	(1.6)	11.3	(0.8)	0.3	(0.2)	1.1	(0.3)	25.5	(1.3)	44.5	(1.5)	6.0	(0.7)
Viet Nam	99.3	(0.2)	86.6	(1.2)	42.0	(1.8)	5.0	(0.6)	0.7	(0.2)	13.0	(1.1)	56.6	(1.8)	51.9	(1.9)

1. ESCS refers to the PISA index of economic, social and cultural status.

2. The variable indicating the number of books available at home has been coded as: 0-10 books was coded as 5 books, 11-25 books as 18 books, 26-100 books as 63 books, 101-200 books as 150.5 books, 201-500 books as 350.5 books and more than 500 books as 750.5 books.

* See notes at the beginning of this Annex.

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[Part 2/7]


Elements of socio-economic status, by quarters of socio-economic status within countriesTable II.2.2 *Results based on students' self-reports*

	Parents' highest level of education: Percentage of students with at least one parent whose highest educational attainment is tertiary or advanced research (ISCED 5 or 6)								Parents' highest occupation: Percentage of students with at least one parent working in an occupation considered as elementary (ISCO 9)							
	Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																
Australia	13.8	(0.7)	40.3	(1.0)	71.7	(0.9)	95.7	(0.4)	33.7	(1.0)	7.2	(0.5)	0.5	(0.1)	0.1	(0.1)
Austria	8.6	(1.0)	35.9	(1.9)	54.9	(1.5)	92.8	(0.8)	42.2	(1.8)	21.7	(1.5)	3.1	(0.5)	0.2	(0.1)
Belgium	8.9	(0.8)	54.7	(1.3)	88.9	(0.9)	99.4	(0.1)	40.3	(1.4)	18.8	(1.2)	1.2	(0.3)	0.0	(0.0)
Canada	26.0	(1.0)	70.2	(0.9)	94.1	(0.5)	99.3	(0.1)	29.9	(1.1)	9.4	(0.6)	1.0	(0.2)	0.2	(0.1)
Chile	0.3	(0.2)	3.0	(0.5)	42.4	(1.7)	94.4	(0.7)	41.9	(1.7)	39.2	(1.6)	17.7	(1.2)	0.8	(0.3)
Czech Republic	3.0	(0.7)	11.3	(1.1)	34.8	(1.6)	81.4	(1.3)	49.2	(1.9)	21.3	(1.5)	4.9	(0.7)	0.3	(0.3)
Denmark	17.4	(1.4)	63.3	(1.4)	89.5	(1.0)	99.5	(0.2)	26.2	(1.2)	6.7	(0.7)	0.5	(0.3)	0.0	(0.0)
Estonia	8.0	(0.9)	46.2	(1.6)	78.1	(1.4)	98.1	(0.4)	48.4	(1.8)	24.3	(1.5)	2.8	(0.5)	0.0	(0.0)
Finland	42.4	(1.2)	79.8	(1.1)	95.0	(0.5)	99.8	(0.1)	31.2	(1.2)	7.6	(0.6)	0.5	(0.2)	0.1	(0.2)
France	12.8	(1.0)	46.1	(1.6)	63.7	(1.3)	94.5	(0.7)	37.6	(1.8)	12.8	(1.0)	1.0	(0.3)	0.1	(0.1)
Germany	6.7	(0.8)	35.1	(1.6)	63.0	(1.6)	97.4	(0.5)	36.6	(1.5)	16.4	(1.4)	2.9	(0.6)	0.1	(0.1)
Greece	2.5	(0.5)	33.4	(1.5)	75.4	(1.3)	99.2	(0.2)	48.0	(1.5)	23.4	(1.5)	3.8	(0.6)	0.3	(0.1)
Hungary	0.8	(0.3)	15.7	(1.0)	60.0	(1.6)	97.9	(0.4)	55.2	(2.0)	30.1	(1.5)	8.8	(1.0)	0.2	(0.1)
Iceland	17.4	(1.2)	57.8	(1.9)	91.0	(1.0)	98.5	(0.4)	26.9	(1.6)	8.1	(1.0)	1.0	(0.3)	0.3	(0.2)
Ireland	10.7	(1.1)	41.1	(1.5)	74.9	(1.2)	97.0	(0.5)	30.5	(1.5)	12.8	(1.0)	2.5	(0.5)	0.0	(0.0)
Israel	13.5	(0.9)	49.1	(1.7)	86.8	(1.1)	97.6	(0.4)	37.4	(2.1)	7.8	(0.8)	0.3	(0.2)	0.0	(0.0)
Italy	0.5	(0.1)	17.9	(0.6)	38.6	(0.8)	91.4	(0.5)	53.9	(0.9)	32.2	(0.8)	7.1	(0.5)	0.3	(0.1)
Japan	15.3	(1.0)	57.9	(1.6)	78.3	(1.1)	98.3	(0.4)	30.8	(1.3)	11.8	(1.0)	1.7	(0.3)	0.1	(0.1)
Korea	7.6	(0.9)	38.0	(1.5)	82.3	(1.0)	98.8	(0.3)	29.1	(1.4)	5.4	(0.7)	0.7	(0.3)	0.0	(0.0)
Luxembourg	1.5	(0.3)	31.9	(1.3)	72.3	(1.2)	97.6	(0.4)	53.0	(1.5)	23.8	(1.2)	2.4	(0.4)	0.1	(0.1)
Mexico	0.2	(0.1)	6.2	(0.4)	44.0	(0.8)	92.5	(0.4)	32.9	(1.0)	38.5	(0.8)	20.3	(0.6)	1.2	(0.2)
Netherlands	16.8	(1.5)	52.6	(2.0)	84.2	(1.6)	99.3	(0.2)	28.7	(1.8)	4.4	(0.7)	0.2	(0.2)	0.1	(0.1)
New Zealand	11.4	(0.9)	34.8	(1.6)	70.1	(1.7)	94.6	(0.8)	40.7	(1.6)	11.1	(1.1)	0.3	(0.2)	0.1	(0.1)
Norway	26.3	(1.5)	60.3	(1.4)	87.2	(1.0)	97.6	(0.5)	20.8	(1.2)	3.4	(0.6)	0.3	(0.2)	0.0	(0.0)
Poland	0.0	(0.0)	0.9	(0.3)	12.7	(1.2)	91.6	(1.0)	67.8	(1.7)	47.4	(1.6)	7.7	(0.9)	0.0	(0.0)
Portugal	0.0	(0.0)	1.0	(0.3)	19.8	(1.1)	88.4	(1.1)	52.9	(1.7)	38.7	(1.5)	12.3	(1.2)	0.3	(0.2)
Slovak Republic	1.4	(0.4)	6.3	(0.7)	26.3	(1.5)	86.7	(1.2)	45.5	(2.1)	36.4	(1.7)	11.8	(1.4)	0.1	(0.1)
Slovenia	2.0	(0.7)	14.6	(1.2)	61.2	(1.6)	95.5	(0.6)	47.8	(1.6)	16.5	(1.2)	2.3	(0.5)	0.1	(0.0)
Spain	2.7	(0.4)	31.5	(1.4)	62.9	(0.9)	97.1	(0.5)	48.5	(1.2)	29.6	(0.9)	7.7	(0.6)	0.1	(0.1)
Sweden	27.9	(1.3)	59.4	(1.6)	90.7	(0.9)	98.9	(0.3)	25.6	(1.4)	8.5	(0.9)	0.4	(0.2)	0.0	(0.0)
Switzerland	13.3	(0.8)	44.0	(1.5)	68.8	(1.2)	98.6	(0.3)	38.2	(1.3)	8.2	(0.7)	0.7	(0.3)	0.0	(0.0)
Turkey	0.1	(0.1)	1.5	(0.3)	17.2	(1.1)	77.4	(1.3)	54.6	(2.4)	43.9	(1.8)	29.4	(1.5)	3.2	(0.5)
United Kingdom	20.2	(1.4)	49.6	(1.4)	72.2	(1.4)	95.5	(0.6)	20.3	(1.2)	6.9	(1.3)	0.5	(0.2)	0.1	(0.1)
United States	9.0	(0.9)	43.9	(1.6)	83.6	(1.3)	97.7	(0.4)	23.7	(1.3)	7.5	(0.8)	0.9	(0.3)	0.2	(0.1)
OECD average	10.3	(0.2)	36.3	(0.2)	65.8	(0.2)	95.3	(0.1)	39.1	(0.3)	18.9	(0.2)	4.7	(0.1)	0.3	(0.0)
Partners																
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	1.1	(0.4)	20.1	(1.2)	69.5	(1.7)	97.9	(0.4)	51.3	(1.4)	39.8	(1.5)	18.1	(1.5)	0.7	(0.3)
Brazil	0.0	(0.0)	1.2	(0.2)	21.3	(1.1)	81.8	(1.0)	32.9	(1.2)	29.3	(1.1)	12.4	(0.8)	1.5	(0.3)
Bulgaria	1.9	(0.4)	18.6	(1.2)	63.3	(1.3)	97.8	(0.4)	53.7	(1.7)	30.1	(1.4)	10.4	(0.9)	0.5	(0.2)
Colombia	0.5	(0.2)	17.3	(1.4)	73.9	(1.7)	96.5	(0.5)	58.1	(1.6)	46.2	(1.7)	27.1	(1.4)	3.1	(0.5)
Costa Rica	4.2	(0.9)	29.4	(2.2)	64.5	(1.6)	95.8	(0.7)	31.7	(3.1)	32.6	(1.9)	18.1	(1.3)	0.4	(0.2)
Croatia	5.1	(0.6)	32.8	(1.6)	54.3	(1.6)	96.2	(0.6)	47.7	(1.6)	27.4	(1.4)	9.2	(0.7)	0.4	(0.2)
Cyprus*	4.2	(0.5)	27.8	(1.3)	80.2	(1.3)	98.6	(0.3)	44.8	(1.7)	17.6	(1.1)	3.6	(0.5)	0.4	(0.2)
Hong Kong-China	0.1	(0.1)	1.3	(0.4)	12.7	(1.0)	73.2	(1.9)	30.1	(1.2)	28.6	(1.4)	5.4	(0.8)	0.0	(0.0)
Indonesia	0.0	(0.0)	1.8	(0.5)	10.9	(1.1)	66.6	(2.1)	53.4	(3.7)	39.4	(2.9)	30.9	(2.4)	4.4	(0.8)
Jordan	7.9	(0.7)	41.6	(1.3)	81.2	(1.1)	98.5	(0.4)	55.2	(1.7)	21.0	(1.3)	2.1	(0.4)	0.3	(0.2)
Kazakhstan	61.0	(1.8)	88.6	(1.1)	97.3	(0.5)	99.7	(0.2)	45.6	(2.2)	23.9	(1.4)	2.0	(0.4)	0.0	(0.0)
Latvia	3.9	(0.8)	34.3	(1.6)	82.3	(1.4)	98.7	(0.5)	38.6	(2.2)	18.7	(1.3)	6.1	(1.0)	0.2	(0.1)
Liechtenstein	14.4	(4.0)	37.6	(5.0)	74.3	(5.4)	99.7	(0.9)	35.5	(5.7)	0.0	(0.0)	2.8	(2.0)	0.0	(0.0)
Lithuania	4.2	(0.7)	62.2	(1.6)	91.2	(0.8)	99.7	(0.2)	55.6	(1.4)	30.9	(1.6)	4.2	(0.6)	0.3	(0.2)
Macao-China	0.0	(0.0)	1.2	(0.3)	8.8	(0.7)	63.7	(1.4)	19.6	(1.0)	13.2	(1.0)	3.0	(0.5)	0.8	(0.2)
Malaysia	0.7	(0.3)	6.7	(0.8)	27.4	(1.5)	80.2	(1.4)	48.6	(1.8)	39.5	(1.5)	12.8	(1.0)	0.7	(0.3)
Montenegro	6.2	(0.6)	45.2	(1.6)	84.7	(1.2)	99.0	(0.3)	43.6	(1.7)	22.4	(1.3)	7.3	(0.8)	0.4	(0.2)
Peru	0.2	(0.1)	6.8	(0.6)	38.2	(1.3)	91.3	(0.8)	23.8	(1.5)	44.4	(1.3)	29.3	(1.0)	4.4	(0.7)
Qatar	22.4	(0.8)	73.9	(1.0)	94.3	(0.4)	97.0	(0.3)	23.1	(0.9)	4.1	(0.4)	0.7	(0.2)	0.8	(0.2)
Romania	12.8	(1.1)	36.6	(1.6)	64.8	(1.7)	92.6	(0.7)	54.5	(2.0)	45.6	(1.6)	22.9	(1.4)	0.9	(0.3)
Russian Federation	67.7	(1.5)	96.4	(0.6)	98.8	(0.3)	99.9	(0.1)	42.8	(1.9)	16.5	(1.1)	1.7	(0.4)	0.0	(0.0)
Serbia	5.3	(0.7)	40.0	(1.4)	75.4	(1.2)	98.8	(0.4)	26.8	(1.5)	18.1	(1.2)	5.3	(0.7)	0.0	(0.0)
Shanghai-China	1.2	(0.3)	16.6	(1.0)	63.2	(1.3)	97.2	(0.5)	41.8	(1.9)	14.9	(1.1)	2.8	(0.5)	0.0	(0.0)
Singapore	3.5	(0.5)	21.8	(1.1)	68.2	(1.4)	97.7	(0.4)	25.7	(1.4)	5.1	(0.8)	0.5	(0.2)	0.0	(0.0)
Chinese Taipei	7.4	(0.6)	36.9	(1.5)	67.9	(1.2)	93.4	(0.8)	50.8	(1.4)	28.3	(1.3)	6.3	(0.7)	0.5	(0.2)
Thailand	0.0	(0.0)	0.3	(0.2)	5.6	(0.7)	70.1	(1.7)	66.3	(1.8)	52.5	(1.6)	31.8	(1.5)	4.4	(0.6)
Tunisia	0.2	(0.1)	4.3	(0.7)	24.3	(1.6)	83.8	(1.3)	20.5	(1.7)	32.4	(1.6)	23.1	(1.4)	1.3	(0.3)
United Arab Emirates	14.3	(0.9)	65.8	(1.3)	93.3	(0.6)	97.5	(0.4)	13.1	(1.0)	2.9	(0.4)	0.7	(0.2)	0.4	(0.1)
Uruguay	0.2	(0.2)	4.3	(0.7)	44.2	(1.4)	93.7	(0.7)	29.5	(1.4)	33.2	(1.5)	17.5	(1.1)	1.6	(0.4)
Viet Nam	0.0	(0.0)	0.3	(0.2)	1.5	(0.4)	43.1	(2.0)	90.6	(1.3)	88.0	(1.2)	69.1	(2.0)	16.1	(1.7)

1. ESCS refers to the PISA index of economic, social and cultural status.

2. The variable indicating the number of books available at home has been coded as: 0-10 books was coded as 5 books, 11-25 books as 18 books, 26-100 books as 63 books, 101-200 books as 150.5 books, 201-500 books as 350.5 books and more than 500 books as 750.5 books.

* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932964908>

[Part 3/7]

Elements of socio-economic status, by quarters of socio-economic status within countries


Table II.2.2 Results based on students' self-reports

	Parents' highest occupation: Percentage of students with at least one parent working in an occupation considered as semi-skilled blue-collar (ISCO 6, 7 and 8)								Parents' highest occupation: Percentage of students with at least one parent working in an occupation considered as semi-skilled white-collar (ISCO 4 and 5)							
	Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																
Australia	16.0	(0.6)	0.6	(0.2)	0.0	(0.0)	0.0	(0.0)	40.7	(1.0)	25.7	(1.0)	3.7	(0.5)	0.5	(0.1)
Austria	9.0	(0.9)	0.8	(0.3)	0.1	(0.1)	0.0	(0.0)	46.1	(1.9)	48.6	(1.6)	22.1	(1.3)	3.2	(0.6)
Belgium	16.3	(0.8)	2.0	(0.3)	0.1	(0.1)	0.0	(0.0)	38.6	(1.2)	44.6	(1.1)	12.7	(0.8)	0.3	(0.1)
Canada	9.9	(0.7)	1.0	(0.2)	0.0	(0.0)	0.0	(0.0)	46.9	(1.2)	32.6	(1.0)	7.7	(0.5)	0.7	(0.2)
Chile	37.4	(1.7)	10.0	(0.8)	1.9	(0.4)	0.0	(0.0)	19.7	(1.5)	44.6	(1.4)	40.2	(1.6)	5.8	(0.5)
Czech Republic	4.7	(1.0)	0.7	(0.3)	0.1	(0.1)	0.0	(0.0)	44.0	(1.8)	54.5	(1.9)	32.3	(1.7)	6.1	(0.9)
Denmark	10.4	(1.0)	0.7	(0.2)	0.0	(0.0)	0.0	(0.0)	58.6	(1.6)	47.4	(1.6)	5.2	(0.6)	0.2	(0.1)
Estonia	6.9	(0.8)	0.6	(0.3)	0.1	(0.1)	0.0	(0.0)	41.7	(1.9)	41.5	(1.4)	10.3	(1.0)	0.3	(0.2)
Finland	3.4	(0.4)	0.2	(0.1)	0.0	(0.0)	0.0	(0.0)	54.3	(1.5)	34.3	(1.3)	5.5	(0.6)	0.1	(0.1)
France	15.9	(1.1)	0.9	(0.3)	0.0	(0.0)	0.0	(0.0)	42.1	(1.8)	46.1	(1.5)	8.8	(1.0)	0.1	(0.1)
Germany	7.3	(0.9)	1.0	(0.4)	0.0	(0.0)	0.0	(0.0)	51.1	(1.6)	46.2	(1.9)	22.6	(1.3)	2.1	(0.5)
Greece	17.2	(1.2)	3.0	(0.4)	0.2	(0.1)	0.0	(0.0)	32.8	(1.5)	52.4	(1.3)	24.6	(1.0)	0.6	(0.2)
Hungary	12.6	(1.4)	1.7	(0.4)	0.3	(0.2)	0.0	(0.0)	30.3	(1.6)	50.7	(1.6)	30.8	(1.5)	2.8	(0.6)
Iceland	9.2	(1.0)	0.6	(0.3)	0.0	(0.0)	0.1	(0.1)	47.7	(1.6)	31.7	(1.5)	4.2	(0.7)	0.7	(0.3)
Ireland	11.1	(1.0)	1.0	(0.3)	0.0	(0.0)	0.0	(0.0)	52.0	(1.6)	45.5	(1.4)	12.9	(1.1)	0.8	(0.2)
Israel	7.1	(0.8)	0.1	(0.1)	0.0	(0.0)	0.0	(0.0)	42.7	(2.1)	19.7	(1.3)	2.5	(0.5)	0.5	(0.2)
Italy	11.2	(0.6)	2.3	(0.2)	0.2	(0.0)	0.0	(0.0)	31.9	(0.8)	51.3	(0.9)	35.6	(0.8)	4.4	(0.4)
Japan	12.1	(0.9)	1.9	(0.4)	0.1	(0.1)	0.0	(0.0)	54.0	(1.4)	57.1	(1.5)	27.0	(1.1)	1.3	(0.3)
Korea	10.8	(1.0)	0.6	(0.2)	0.0	(0.0)	0.0	(0.0)	50.6	(1.5)	49.3	(1.7)	24.7	(1.3)	1.7	(0.4)
Luxembourg	14.6	(1.1)	2.7	(0.5)	0.0	(0.0)	0.0	(0.0)	28.7	(1.4)	53.1	(1.5)	28.0	(1.3)	2.0	(0.4)
Mexico	51.3	(1.3)	15.1	(0.6)	4.0	(0.4)	0.1	(0.0)	15.1	(0.7)	40.4	(0.7)	50.2	(0.8)	10.2	(0.4)
Netherlands	6.8	(0.9)	0.2	(0.1)	0.0	(0.0)	0.0	(0.0)	51.2	(2.1)	26.6	(1.2)	3.2	(0.6)	0.5	(0.3)
New Zealand	12.0	(1.0)	0.1	(0.1)	0.1	(0.1)	0.0	(0.0)	36.7	(1.7)	27.2	(1.3)	5.2	(0.7)	0.6	(0.2)
Norway	5.3	(0.6)	0.0	(0.0)	0.1	(0.1)	0.0	(0.0)	59.9	(1.5)	22.0	(1.2)	2.0	(0.4)	0.3	(0.2)
Poland	5.8	(0.7)	0.4	(0.2)	0.0	(0.0)	0.0	(0.0)	25.8	(1.6)	45.1	(1.6)	22.6	(1.3)	0.8	(0.3)
Portugal	21.1	(1.5)	6.0	(0.7)	1.3	(0.3)	0.0	(0.0)	23.1	(1.3)	44.8	(1.6)	48.8	(1.6)	6.6	(0.9)
Slovak Republic	18.1	(1.9)	2.5	(0.6)	0.5	(0.3)	0.0	(0.0)	35.8	(1.8)	56.4	(1.6)	40.8	(1.6)	9.7	(0.8)
Slovenia	11.0	(1.1)	0.7	(0.3)	0.0	(0.0)	0.0	(0.0)	36.5	(1.3)	40.8	(1.7)	19.5	(1.3)	1.0	(0.3)
Spain	16.3	(0.9)	6.3	(0.5)	1.7	(0.3)	0.0	(0.0)	32.7	(1.2)	49.1	(1.1)	33.2	(1.1)	2.8	(0.3)
Sweden	6.3	(0.8)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	60.5	(1.4)	38.0	(1.7)	4.8	(0.6)	0.3	(0.2)
Switzerland	4.8	(0.6)	0.5	(0.2)	0.1	(0.1)	0.0	(0.0)	47.8	(1.1)	36.4	(1.6)	8.3	(0.9)	0.5	(0.1)
Turkey	20.4	(1.6)	11.4	(1.1)	4.4	(0.7)	0.4	(0.2)	24.3	(2.0)	40.4	(1.7)	51.1	(1.9)	31.8	(1.9)
United Kingdom	8.7	(0.8)	0.5	(0.2)	0.0	(0.0)	0.0	(0.0)	58.6	(1.7)	37.4	(1.5)	6.4	(0.6)	0.5	(0.2)
United States	21.0	(1.5)	1.6	(0.5)	0.1	(0.1)	0.0	(0.0)	45.2	(1.9)	32.2	(1.5)	8.7	(0.9)	0.4	(0.3)
OECD average	13.3	(0.2)	2.3	(0.1)	0.4	(0.0)	0.0	(0.0)	41.4	(0.3)	41.6	(0.2)	19.6	(0.2)	2.9	(0.1)
Partners																
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	21.9	(1.5)	9.0	(1.0)	3.4	(0.6)	0.0	(0.0)	23.9	(1.5)	42.1	(1.7)	44.2	(1.8)	7.2	(0.7)
Brazil	28.8	(1.1)	11.3	(0.7)	3.4	(0.4)	0.1	(0.0)	36.5	(1.1)	50.1	(0.9)	44.8	(1.2)	11.0	(0.7)
Bulgaria	12.4	(1.4)	2.7	(0.6)	0.8	(0.3)	0.1	(0.1)	30.9	(1.6)	45.0	(1.4)	28.5	(1.4)	2.8	(0.5)
Colombia	16.2	(1.3)	9.9	(0.9)	3.8	(0.6)	0.4	(0.2)	24.1	(1.5)	39.4	(1.7)	54.2	(1.6)	19.4	(1.4)
Costa Rica	31.2	(3.0)	13.3	(1.5)	2.9	(0.6)	0.1	(0.1)	34.1	(2.0)	45.6	(1.9)	43.9	(1.9)	4.4	(0.9)
Croatia	5.2	(0.6)	0.9	(0.3)	0.3	(0.2)	0.0	(0.0)	45.4	(1.8)	55.8	(1.4)	37.5	(1.8)	5.3	(0.7)
Cyprus*	8.8	(0.9)	1.0	(0.3)	0.1	(0.1)	0.0	(0.0)	43.1	(1.5)	60.0	(1.4)	43.2	(1.6)	6.2	(0.8)
Hong Kong-China	21.9	(1.2)	5.6	(0.8)	0.4	(0.2)	0.0	(0.0)	44.9	(1.5)	54.0	(1.7)	33.7	(1.5)	3.6	(0.6)
Indonesia	36.5	(3.5)	32.2	(3.0)	16.1	(1.8)	1.5	(0.4)	10.0	(1.3)	26.0	(2.1)	42.5	(2.2)	21.8	(2.3)
Jordan	6.9	(1.0)	0.7	(0.2)	0.0	(0.0)	0.0	(0.0)	26.0	(1.2)	29.3	(1.5)	10.0	(1.0)	0.7	(0.3)
Kazakhstan	11.1	(1.0)	1.5	(0.4)	0.0	(0.0)	0.0	(0.0)	36.0	(2.3)	32.0	(1.6)	4.9	(0.7)	0.7	(0.3)
Latvia	17.6	(1.8)	2.6	(0.6)	0.2	(0.1)	0.0	(0.0)	42.5	(2.1)	49.5	(1.9)	19.5	(1.4)	1.3	(0.3)
Liechtenstein	5.7	(3.2)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	30.4	(5.3)	13.3	(3.6)	10.0	(3.2)	0.0	(0.0)
Lithuania	13.5	(1.2)	3.7	(0.5)	0.4	(0.2)	0.0	(0.0)	29.3	(1.3)	41.5	(1.5)	12.7	(1.1)	0.6	(0.2)
Macao-China	15.5	(1.1)	3.9	(0.5)	0.8	(0.2)	0.1	(0.1)	62.3	(1.3)	74.0	(1.2)	65.8	(1.5)	29.8	(1.3)
Malaysia	27.2	(2.0)	13.5	(1.1)	2.1	(0.5)	0.0	(0.0)	21.5	(1.4)	35.8	(1.6)	33.4	(1.5)	5.1	(0.7)
Montenegro	12.7	(1.1)	2.7	(0.6)	0.2	(0.1)	0.0	(0.0)	40.1	(1.7)	49.6	(1.5)	36.7	(2.0)	3.4	(0.7)
Peru	62.0	(1.7)	19.5	(1.1)	4.6	(0.5)	0.6	(0.3)	13.9	(1.0)	34.7	(1.4)	54.8	(1.2)	21.4	(1.2)
Qatar	2.2	(0.3)	0.1	(0.1)	0.0	(0.0)	0.0	(0.0)	34.4	(1.1)	17.0	(0.9)	5.0	(0.4)	3.2	(0.3)
Romania	11.4	(1.3)	3.9	(0.8)	1.4	(0.4)	0.0	(0.0)	31.0	(1.7)	41.9	(1.8)	34.9	(1.6)	3.2	(0.6)
Russian Federation	5.8	(0.7)	0.3	(0.2)	0.1	(0.1)	0.0	(0.0)	46.4	(2.0)	47.7	(1.5)	13.4	(0.9)	1.2	(0.4)
Serbia	10.5	(1.0)	3.2	(0.6)	0.9	(0.3)	0.0	(0.0)	60.0	(1.6)	60.8	(1.5)	40.4	(1.5)	5.9	(0.8)
Shanghai-China	5.5	(0.8)	0.6	(0.2)	0.0	(0.0)	0.0	(0.0)	43.1	(1.7)	44.6	(1.5)	15.9	(1.1)	1.3	(0.3)
Singapore	10.0	(0.8)	0.4	(0.2)	0.0	(0.0)	0.0	(0.0)	49.9	(1.4)	27.1	(1.3)	3.7	(0.5)	0.1	(0.1)
Chinese Taipei	11.5	(0.9)	1.5	(0.4)	0.0	(0.0)	0.1	(0.1)	35.7	(1.5)	52.9	(1.4)	31.8	(1.3)	5.6	(0.9)
Thailand	20.4	(1.4)	16.3	(1.2)	8.5	(0.9)	1.2	(0.3)	12.7	(1.0)	26.5	(1.5)	41.9	(1.4)	20.9	(1.1)
Tunisia	64.4	(1.9)	38.1	(1.6)	9.0	(1.0)	0.5	(0.2)	14.2	(1.2)	23.7	(1.6)	40.3	(1.7)	10.9	(1.1)
United Arab Emirates	2.6	(0.4)	0.0	(0.0)	0.1	(0.1)	0.0	(0.0)	33.6	(1.5)	11.1	(0.9)	3.7	(0.5)	2.1	(0.4)
Uruguay	42.6	(1.6)	16.0	(1.1)	6.9	(0.8)	0.6	(0.2)	26.6	(1.4)	45.4	(1.4)	57.0	(1.3)	12.8	(1.2)
Viet Nam	4.1	(1.1)	3.2	(0.7)	3.3	(0.6)	1.2	(0.3)	5.3	(0.8)	8.5	(0.9)	25.0	(1.7)	32.7	(1.7)

1. ESCS refers to the PISA index of economic, social and cultural status.

2. The variable indicating the number of books available at home has been coded as: 0-10 books was coded as 5 books, 11-25 books as 18 books, 26-100 books as 63 books, 101-200 books as 150.5 books, 201-500 books as 350.5 books and more than 500 books as 750.5 books.

* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932964908>



[Part 4/7]


Elements of socio-economic status, by quarters of socio-economic status within countriesTable II.2.2 *Results based on students' self-reports*

OECD	Parents' highest occupation: Percentage of students with at least one parent working in an occupation considered as skilled (ISCO 1, 2 and 3)								Cultural possessions: Percentage of students who reported that they have poetry books at home								
	Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
Australia	9.6	(0.6)	66.4	(1.1)	95.8	(0.4)	99.3	(0.1)	18.9	(0.8)	27.0	(0.9)	35.1	(0.9)	62.5	(1.0)	
Austria	2.7	(0.6)	28.9	(1.3)	74.7	(1.4)	96.6	(0.6)	35.5	(1.7)	49.6	(1.7)	59.9	(1.5)	81.2	(1.4)	
Belgium	4.9	(0.5)	34.6	(1.2)	86.0	(0.8)	99.6	(0.1)	13.4	(0.8)	23.7	(1.2)	35.0	(1.3)	55.6	(1.2)	
Canada	13.3	(0.7)	56.9	(1.0)	91.3	(0.6)	99.0	(0.2)	19.0	(1.0)	27.1	(0.9)	31.7	(1.1)	58.2	(1.1)	
Chile	1.0	(0.3)	6.3	(0.6)	40.1	(1.7)	93.5	(0.6)	48.8	(1.4)	52.5	(1.7)	53.8	(1.5)	60.3	(1.5)	
Czech Republic	2.2	(0.5)	23.5	(1.7)	62.7	(1.8)	93.6	(1.0)	20.8	(1.8)	36.6	(1.6)	45.5	(1.6)	71.3	(1.5)	
Denmark	4.8	(0.6)	45.2	(1.6)	94.3	(0.7)	99.8	(0.1)	11.0	(0.7)	18.0	(1.2)	30.5	(1.7)	59.4	(1.5)	
Estonia	3.1	(0.6)	33.6	(1.5)	86.8	(1.1)	99.7	(0.2)	54.2	(1.9)	67.9	(1.7)	75.8	(1.5)	90.2	(1.0)	
Finland	11.2	(0.9)	57.8	(1.3)	94.0	(0.6)	99.8	(0.2)	30.5	(1.2)	43.3	(1.3)	54.0	(1.6)	78.6	(1.2)	
France	4.4	(0.6)	40.2	(1.5)	90.1	(1.1)	99.8	(0.1)	21.2	(1.5)	31.8	(1.6)	44.6	(1.8)	72.4	(1.4)	
Germany	5.0	(0.6)	36.3	(2.0)	74.6	(1.3)	97.8	(0.5)	36.2	(1.5)	51.6	(1.4)	64.4	(1.5)	78.9	(1.2)	
Greece	1.9	(0.5)	21.4	(1.1)	71.4	(1.1)	99.1	(0.3)	23.6	(1.5)	35.6	(1.4)	49.4	(1.8)	70.0	(1.5)	
Hungary	1.9	(0.5)	17.5	(1.2)	60.1	(1.6)	97.1	(0.6)	37.8	(1.7)	62.1	(1.6)	75.5	(1.3)	90.5	(1.1)	
Iceland	16.2	(1.2)	59.6	(1.5)	94.9	(0.7)	99.0	(0.4)	51.6	(1.6)	68.3	(1.7)	75.6	(1.3)	92.7	(0.9)	
Ireland	6.4	(0.7)	40.6	(1.5)	84.6	(1.1)	99.2	(0.2)	18.8	(1.3)	27.5	(1.5)	36.8	(1.4)	59.5	(1.5)	
Israel	12.8	(1.3)	72.4	(1.4)	97.1	(0.5)	99.5	(0.2)	35.2	(1.5)	42.9	(1.5)	54.2	(1.7)	76.9	(1.3)	
Italy	3.0	(0.3)	14.2	(0.6)	57.1	(0.8)	95.3	(0.4)	35.3	(0.7)	48.3	(0.8)	62.9	(0.8)	81.1	(0.8)	
Japan	3.1	(0.5)	29.2	(1.3)	71.3	(1.1)	98.6	(0.3)	9.1	(0.8)	19.6	(1.0)	28.3	(1.3)	46.7	(1.3)	
Korea	9.4	(0.9)	44.7	(1.6)	74.5	(1.3)	98.4	(0.4)	39.4	(1.4)	57.7	(1.5)	69.9	(1.6)	85.5	(1.1)	
Luxembourg	3.8	(0.5)	20.4	(1.4)	69.6	(1.4)	97.9	(0.4)	29.0	(1.2)	42.8	(1.4)	57.3	(1.5)	79.1	(1.1)	
Mexico	0.7	(0.2)	5.9	(0.3)	25.5	(0.7)	88.5	(0.5)	31.9	(0.9)	41.9	(0.8)	45.7	(0.8)	58.9	(0.8)	
Netherlands	13.3	(1.2)	68.8	(1.3)	96.5	(0.7)	99.3	(0.3)	12.9	(1.2)	18.1	(1.3)	30.7	(1.7)	51.6	(2.1)	
New Zealand	10.8	(1.0)	61.4	(1.5)	94.4	(0.7)	99.3	(0.2)	21.4	(1.2)	29.3	(1.5)	37.4	(1.8)	62.3	(1.5)	
Norway	14.0	(1.2)	74.7	(1.2)	97.6	(0.4)	99.7	(0.2)	20.9	(1.2)	33.1	(1.4)	49.3	(2.0)	76.7	(1.5)	
Poland	0.6	(0.3)	7.2	(0.8)	69.6	(1.5)	99.2	(0.3)	20.8	(1.0)	44.3	(1.5)	52.4	(1.7)	72.4	(1.5)	
Portugal	2.9	(0.6)	10.5	(0.7)	37.6	(1.4)	93.1	(0.9)	24.9	(1.2)	41.5	(1.6)	54.7	(1.3)	79.8	(1.2)	
Slovak Republic	0.7	(0.3)	4.8	(0.7)	46.8	(1.5)	90.1	(0.9)	37.4	(1.9)	60.5	(1.6)	65.6	(1.6)	78.8	(1.2)	
Slovenia	4.7	(0.6)	42.1	(1.6)	78.2	(1.3)	98.9	(0.3)	36.9	(1.5)	55.6	(1.7)	64.5	(1.5)	85.4	(1.2)	
Spain	2.5	(0.3)	15.0	(0.8)	57.5	(1.0)	97.1	(0.3)	38.1	(0.9)	48.8	(1.2)	63.1	(1.1)	78.1	(1.0)	
Sweden	7.6	(0.7)	53.5	(1.6)	94.8	(0.6)	99.7	(0.2)	15.2	(1.2)	26.0	(1.5)	33.4	(1.6)	64.9	(1.5)	
Switzerland	9.2	(0.9)	54.9	(1.5)	91.0	(1.0)	99.5	(0.1)	22.6	(1.3)	29.3	(1.2)	38.1	(1.4)	61.9	(1.4)	
Turkey	0.7	(0.3)	4.4	(0.6)	15.1	(1.4)	64.7	(1.9)	37.7	(1.8)	58.2	(1.7)	64.1	(1.6)	78.5	(1.2)	
United Kingdom	12.5	(1.1)	55.1	(1.7)	93.1	(0.6)	99.4	(0.2)	18.0	(1.0)	30.4	(1.5)	39.7	(1.5)	66.8	(1.3)	
United States	10.0	(1.0)	58.6	(1.5)	90.4	(1.0)	99.3	(0.3)	22.4	(1.5)	30.9	(1.3)	39.3	(1.9)	63.6	(1.5)	
OECD average	6.2	(0.1)	37.3	(0.2)	75.3	(0.2)	96.8	(0.1)	28.0	(0.2)	40.6	(0.2)	50.5	(0.3)	71.5	(0.2)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	2.9	(0.6)	9.0	(1.0)	34.4	(2.0)	92.1	(0.8)	44.1	(1.8)	50.4	(1.8)	55.7	(2.0)	64.0	(1.8)
	Brazil	1.9	(0.3)	9.2	(0.6)	39.4	(1.2)	87.5	(0.8)	46.5	(0.9)	50.0	(1.2)	52.4	(1.1)	57.6	(1.0)
	Bulgaria	3.0	(0.5)	22.2	(1.0)	60.4	(1.6)	96.6	(0.5)	34.8	(1.7)	59.5	(1.3)	74.2	(1.2)	87.0	(1.1)
	Colombia	1.6	(0.4)	4.4	(0.6)	14.9	(1.3)	77.0	(1.5)	42.7	(1.9)	51.8	(1.7)	56.5	(1.6)	68.1	(1.4)
	Costa Rica	3.0	(0.5)	8.5	(1.1)	35.1	(2.1)	95.1	(0.9)	20.2	(1.3)	28.1	(1.5)	34.7	(1.5)	51.6	(2.4)
	Croatia	1.6	(0.3)	15.9	(1.1)	53.0	(1.8)	94.3	(0.8)	13.1	(1.0)	21.9	(1.2)	38.8	(1.5)	59.0	(1.6)
	Cyprus*	3.2	(0.6)	21.4	(1.4)	53.0	(1.6)	93.4	(0.8)	22.5	(1.2)	38.4	(1.4)	47.8	(1.5)	69.7	(1.3)
	Hong Kong-China	3.0	(0.6)	12.0	(1.0)	60.2	(1.5)	96.5	(0.6)	27.7	(1.7)	41.8	(1.7)	55.0	(1.6)	74.2	(1.6)
	Indonesia	0.2	(0.1)	2.4	(0.5)	10.5	(0.9)	72.3	(2.8)	21.6	(1.6)	36.3	(1.8)	43.2	(1.9)	46.9	(2.3)
	Jordan	11.9	(1.0)	49.1	(1.5)	87.8	(1.0)	99.0	(0.3)	23.8	(1.2)	38.5	(1.3)	42.8	(1.6)	62.9	(1.6)
	Kazakhstan	7.4	(1.0)	42.5	(1.9)	93.1	(0.9)	99.3	(0.3)	61.1	(2.0)	74.4	(1.7)	74.3	(1.7)	86.3	(1.1)
	Latvia	1.4	(0.4)	28.9	(1.9)	74.3	(1.4)	98.6	(0.4)	45.0	(1.9)	61.4	(1.8)	72.4	(1.6)	88.4	(1.0)
	Liechtenstein	28.4	(5.5)	86.7	(3.6)	87.2	(3.7)	100.0	(0.0)	30.8	(5.2)	44.8	(5.3)	62.8	(5.5)	76.5	(5.1)
	Lithuania	1.6	(0.4)	23.9	(1.4)	82.8	(1.1)	99.1	(0.3)	30.8	(1.3)	45.8	(1.5)	58.1	(1.8)	80.5	(1.3)
	Macao-China	2.6	(0.4)	9.0	(0.8)	30.5	(1.5)	69.3	(1.4)	24.9	(1.2)	35.7	(1.4)	45.7	(1.3)	58.7	(1.3)
	Malaysia	2.6	(0.5)	11.2	(1.0)	51.8	(1.7)	94.2	(0.7)	35.3	(1.4)	39.6	(1.5)	38.7	(1.5)	49.9	(1.6)
	Montenegro	3.6	(0.6)	25.2	(1.5)	55.6	(2.1)	96.4	(0.7)	54.1	(1.4)	70.1	(1.3)	76.4	(1.3)	90.4	(1.0)
	Peru	0.2	(0.1)	1.4	(0.3)	11.4	(0.9)	73.6	(1.3)	69.0	(1.4)	73.5	(1.7)	72.2	(1.4)	75.8	(1.5)
	Qatar	40.3	(1.0)	78.9	(0.9)	94.3	(0.5)	95.9	(0.3)	42.3	(0.9)	46.3	(1.0)	53.7	(1.1)	79.4	(0.8)
	Romania	3.1	(0.6)	8.5	(0.9)	40.8	(1.6)	95.9	(0.6)	67.1	(1.9)	81.9	(1.2)	89.4	(1.0)	94.6	(0.8)
	Russian Federation	5.1	(0.7)	35.4	(1.6)	84.8	(0.9)	98.8	(0.4)	55.7	(1.5)	76.2	(1.6)	84.8	(1.0)	93.4	(0.7)
	Serbia	2.8	(0.5)	17.8	(1.1)	53.4	(1.6)	94.1	(0.8)	45.7	(1.7)	67.7	(1.4)	76.1	(1.2)	89.8	(0.9)
	Shanghai-China	9.8	(0.9)	39.8	(1.5)	81.4	(1.2)	98.7	(0.3)	60.5	(1.5)	72.7	(1.4)	82.2	(1.1)	92.6	(0.7)
	Singapore	14.5	(0.9)	67.4	(1.3)	95.8	(0.6)	99.9	(0.1)	16.2	(1.1)	24.2	(1.1)	37.3	(1.4)	55.2	(1.5)
	Chinese Taipei	2.1	(0.4)	17.4	(1.1)	62.0	(1.4)	93.8	(0.9)	26.4	(1.4)	47.8	(1.4)	61.6	(1.4)	81.6	(1.0)
	Thailand	0.6	(0.3)	4.7	(0.7)	17.8	(1.5)	73.5	(1.3)	38.2	(1.4)	44.4	(1.4)	45.4	(1.4)	48.4	(1.7)
	Tunisia	0.9	(0.3)	5.7	(0.8)	27.6	(1.2)	87.3	(1.3)	17.9	(1.4)	27.4	(1.5)	37.0	(1.9)	48.7	(1.7)
	United Arab Emirates	50.7	(1.5)	85.9	(1.1)	95.5	(0.5)	97.5	(0.4)	30.6	(1.2)	37.2	(1.2)	44.6	(1.2)	70.8	(1.2)
	Uruguay	1.3	(0.3)	5.4	(0.6)	18.7	(1.3)	85.0	(1.2)	28.7	(1.4)	45.2	(1.5)	50.4	(1.9)	63.9	(1.9)
	Viet Nam	0.0	(0.0)	0.3	(0.2)	2.5	(0.6)	50.1	(1.9)	26.0	(1.8)	40.3	(1.7)	47.2	(2.1)	49.9	(1.6)

1. ESCS refers to the PISA index of economic, social and cultural status.

2. The variable indicating the number of books available at home has been coded as: 0-10 books was coded as 5 books, 11-25 books as 18 books, 26-100 books as 63 books, 101-200 books as 150.5 books, 201-500 books as 350.5 books and more than 500 books as 750.5 books.

* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932964908>

[Part 5/7]

Elements of socio-economic status, by quarters of socio-economic status within countries
Results based on students' self-reports


Table II.2.2

	Cultural possessions: Percentage of students who reported that they have works of art at home								Cultural possessions: Percentage of students who reported that they have a desk for study at home								
	Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
OECD																	
Australia	58.7	(1.0)	68.7	(0.9)	79.1	(0.8)	90.1	(0.6)	82.7	(0.8)	90.4	(0.5)	94.7	(0.4)	98.9	(0.2)	
Austria	55.8	(1.5)	70.7	(1.4)	76.7	(1.3)	87.5	(1.1)	92.4	(0.9)	96.5	(0.6)	98.1	(0.4)	99.4	(0.2)	
Belgium	35.4	(1.1)	52.8	(1.3)	60.4	(1.5)	80.7	(0.8)	90.8	(0.7)	96.8	(0.6)	98.5	(0.4)	99.5	(0.1)	
Canada	58.4	(1.1)	70.9	(1.0)	76.7	(0.9)	90.9	(0.5)	77.2	(1.0)	83.6	(0.7)	90.7	(0.6)	96.3	(0.4)	
Chile	22.1	(1.2)	38.0	(1.4)	56.0	(1.5)	70.9	(1.3)	50.0	(1.7)	69.0	(1.5)	76.9	(1.5)	89.7	(0.6)	
Czech Republic	33.8	(1.8)	40.8	(1.8)	53.1	(1.5)	68.7	(1.4)	97.5	(0.6)	98.9	(0.3)	99.8	(0.1)	99.7	(0.2)	
Denmark	56.4	(1.7)	71.3	(1.3)	79.2	(1.5)	94.2	(0.6)	80.4	(1.2)	89.7	(0.9)	92.7	(0.8)	98.5	(0.4)	
Estonia	45.9	(1.8)	60.7	(1.5)	66.1	(1.5)	81.6	(1.3)	96.4	(0.6)	97.6	(0.5)	97.4	(0.5)	99.3	(0.2)	
Finland	61.2	(1.5)	73.3	(1.2)	79.0	(1.1)	90.7	(0.8)	89.7	(0.9)	93.6	(0.6)	95.2	(0.4)	98.6	(0.3)	
France	17.6	(1.2)	31.0	(1.6)	41.8	(1.3)	67.0	(1.4)	96.1	(0.6)	98.0	(0.5)	98.9	(0.3)	99.8	(0.1)	
Germany	53.6	(1.6)	65.5	(1.7)	76.0	(1.5)	86.9	(0.9)	93.5	(0.8)	96.5	(0.7)	98.3	(0.4)	99.2	(0.4)	
Greece	42.4	(1.6)	61.9	(1.6)	73.0	(1.2)	83.8	(1.1)	95.4	(0.8)	98.4	(0.4)	98.1	(0.5)	99.5	(0.2)	
Hungary	29.8	(1.6)	45.9	(1.6)	56.9	(1.6)	74.3	(1.3)	94.9	(0.7)	98.2	(0.4)	98.9	(0.4)	99.4	(0.3)	
Iceland	77.7	(1.5)	90.0	(1.0)	94.1	(0.8)	98.7	(0.4)	90.3	(1.0)	94.4	(0.9)	95.7	(0.7)	99.6	(0.2)	
Ireland	55.3	(1.5)	69.2	(1.2)	77.7	(1.2)	88.3	(1.0)	77.2	(1.3)	89.1	(0.9)	93.3	(0.9)	97.9	(0.4)	
Israel	46.8	(1.7)	63.8	(1.4)	75.1	(1.4)	88.7	(0.8)	89.9	(1.1)	95.0	(0.9)	97.6	(0.5)	99.0	(0.4)	
Italy	52.8	(0.9)	64.0	(0.7)	75.5	(0.6)	85.0	(0.5)	94.1	(0.4)	97.1	(0.3)	98.3	(0.2)	99.0	(0.1)	
Japan	17.9	(1.0)	27.3	(1.4)	36.2	(1.2)	53.8	(1.5)	90.2	(1.2)	95.2	(0.8)	96.8	(0.5)	98.7	(0.3)	
Korea	24.0	(1.2)	40.1	(1.4)	55.2	(1.7)	76.4	(1.2)	91.3	(0.8)	96.6	(0.5)	98.0	(0.4)	99.4	(0.2)	
Luxembourg	56.2	(1.3)	71.1	(1.4)	80.9	(1.1)	92.0	(0.8)	94.5	(0.6)	96.5	(0.5)	97.8	(0.5)	99.4	(0.2)	
Mexico	13.8	(0.6)	25.4	(1.0)	35.5	(0.7)	59.6	(1.0)	61.4	(0.9)	69.6	(0.7)	80.1	(0.7)	90.4	(0.4)	
Netherlands	52.6	(1.7)	65.5	(1.2)	73.5	(1.4)	88.6	(1.5)	90.7	(0.9)	95.2	(0.6)	97.6	(0.5)	99.4	(0.2)	
New Zealand	51.7	(1.6)	68.6	(1.6)	74.9	(1.3)	90.5	(0.9)	67.6	(1.5)	84.3	(1.1)	90.4	(0.9)	96.2	(0.6)	
Norway	70.1	(1.3)	81.0	(1.2)	89.3	(1.1)	96.6	(0.5)	92.2	(0.7)	96.1	(0.6)	98.1	(0.4)	99.8	(0.1)	
Poland	31.6	(1.5)	50.3	(1.6)	56.5	(1.6)	69.0	(1.8)	93.8	(0.8)	98.9	(0.4)	98.5	(0.4)	99.0	(0.3)	
Portugal	43.5	(1.5)	58.4	(1.4)	69.9	(1.5)	81.3	(1.2)	89.2	(0.9)	95.7	(0.6)	97.4	(0.5)	99.1	(0.3)	
Slovak Republic	39.8	(1.8)	59.5	(1.5)	69.1	(1.3)	81.2	(1.3)	74.2	(2.1)	94.7	(0.8)	96.3	(0.6)	98.2	(0.6)	
Slovenia	54.6	(1.6)	69.3	(1.5)	75.8	(1.4)	90.8	(1.0)	98.6	(0.4)	99.7	(0.1)	99.7	(0.1)	99.7	(0.2)	
Spain	39.3	(0.9)	51.2	(1.2)	67.9	(1.1)	81.7	(1.0)	95.8	(0.5)	97.8	(0.3)	98.8	(0.2)	99.4	(0.1)	
Sweden	63.7	(1.8)	75.6	(1.3)	80.9	(1.2)	94.4	(0.7)	81.5	(1.4)	90.2	(0.8)	92.1	(0.8)	97.3	(0.5)	
Switzerland	48.8	(1.4)	59.5	(1.1)	70.0	(1.3)	82.3	(1.1)	96.5	(0.4)	97.4	(0.4)	98.2	(0.4)	99.2	(0.2)	
Turkey	10.6	(0.9)	22.4	(1.3)	36.6	(1.5)	57.1	(1.8)	61.7	(1.6)	88.3	(1.0)	93.3	(0.8)	98.4	(0.4)	
United Kingdom	43.7	(1.6)	56.5	(1.4)	65.9	(1.2)	84.0	(1.0)	72.0	(1.1)	82.6	(1.1)	88.8	(0.9)	97.2	(0.5)	
United States	49.3	(2.1)	64.8	(1.5)	75.2	(1.3)	87.6	(0.9)	61.4	(1.4)	74.8	(1.3)	81.0	(1.1)	94.0	(0.7)	
OECD average	44.6	(0.2)	58.4	(0.2)	67.9	(0.2)	82.2	(0.2)	85.3	(0.2)	92.2	(0.1)	94.9	(0.1)	98.2	(0.1)	
Partners																	
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Argentina	17.5	(1.4)	26.3	(1.4)	37.2	(1.6)	57.6	(1.6)	69.1	(1.8)	80.9	(1.6)	87.9	(1.0)	94.2	(0.8)	
Brazil	24.6	(1.0)	30.5	(1.2)	41.1	(1.2)	57.6	(1.5)	45.5	(1.1)	57.8	(1.1)	71.3	(0.7)	85.5	(0.8)	
Bulgaria	36.5	(1.5)	59.3	(1.5)	67.9	(1.4)	81.4	(1.2)	76.6	(1.9)	94.1	(0.7)	96.2	(0.7)	98.2	(0.4)	
Colombia	28.7	(1.6)	43.8	(1.6)	55.8	(1.4)	73.4	(1.5)	43.1	(2.1)	63.0	(1.8)	75.2	(1.6)	90.9	(1.1)	
Costa Rica	22.5	(1.4)	33.4	(1.8)	54.9	(1.8)	73.2	(1.5)	60.0	(2.0)	79.1	(1.2)	90.2	(1.0)	95.4	(0.7)	
Croatia	35.3	(1.5)	52.1	(1.5)	65.9	(1.4)	80.4	(1.1)	96.4	(0.5)	98.7	(0.3)	98.9	(0.4)	99.3	(0.2)	
Cyprus*	47.9	(1.8)	69.4	(1.3)	78.5	(1.3)	88.8	(1.0)	94.8	(0.5)	98.3	(0.4)	98.3	(0.4)	99.6	(0.2)	
Hong Kong-China	15.4	(1.2)	25.3	(1.1)	40.3	(1.5)	60.7	(1.7)	83.7	(1.0)	93.3	(0.7)	94.8	(0.7)	98.3	(0.3)	
Indonesia	32.5	(1.6)	48.6	(2.0)	62.1	(1.7)	70.3	(1.6)	47.8	(1.9)	68.9	(1.8)	77.2	(1.3)	91.0	(0.9)	
Jordan	20.4	(1.1)	34.5	(1.6)	43.0	(1.6)	60.8	(1.5)	34.8	(1.6)	63.9	(1.6)	77.2	(1.1)	92.3	(0.7)	
Kazakhstan	45.8	(1.4)	61.8	(2.2)	62.7	(1.8)	77.3	(1.7)	81.1	(1.7)	93.3	(0.9)	96.0	(0.7)	99.4	(0.3)	
Latvia	43.7	(2.1)	58.1	(1.5)	62.1	(1.4)	79.3	(1.5)	94.8	(0.9)	98.6	(0.4)	98.9	(0.2)	99.6	(0.2)	
Liechtenstein	63.8	(5.8)	69.7	(5.8)	84.4	(4.3)	90.3	(4.0)	98.5	(1.6)	98.7	(1.3)	98.5	(1.5)	100.0	(0.0)	
Lithuania	51.7	(1.4)	65.7	(1.4)	72.0	(1.3)	87.5	(1.0)	97.1	(0.5)	99.1	(0.3)	99.1	(0.3)	99.6	(0.2)	
Macao-China	14.5	(1.0)	25.1	(1.2)	37.9	(1.3)	57.2	(1.4)	72.8	(1.3)	83.0	(1.0)	90.9	(0.8)	96.2	(0.5)	
Malaysia	36.7	(1.3)	45.5	(1.5)	48.4	(1.5)	58.1	(1.4)	74.1	(1.5)	87.0	(1.1)	89.1	(0.8)	94.5	(0.7)	
Montenegro	45.6	(1.3)	63.6	(1.7)	74.8	(1.4)	91.9	(0.9)	94.7	(0.5)	97.7	(0.5)	98.4	(0.4)	99.4	(0.2)	
Peru	35.3	(1.6)	42.0	(1.5)	48.5	(1.6)	57.7	(2.1)	49.8	(1.5)	74.1	(1.3)	87.1	(1.0)	93.9	(0.6)	
Qatar	43.7	(0.9)	57.7	(1.0)	66.0	(0.8)	85.4	(0.8)	58.8	(1.0)	84.0	(0.7)	90.2	(0.6)	97.4	(0.3)	
Romania	28.8	(1.2)	49.7	(1.5)	64.0	(1.6)	76.3	(1.6)	86.9	(1.2)	96.7	(0.6)	98.1	(0.4)	99.2	(0.3)	
Russian Federation	38.1	(1.7)	57.1	(1.5)	61.6	(1.7)	78.5	(1.8)	97.0	(0.4)	97.9	(0.4)	99.3	(0.2)	99.3	(0.2)	
Serbia	37.4	(1.6)	58.8	(1.6)	73.8	(1.4)	85.1	(1.3)	95.7	(0.6)	99.0	(0.3)	99.5	(0.2)	99.6	(0.2)	
Shanghai-China	29.3	(1.4)	50.7	(1.6)	64.0	(1.4)	82.0	(1.1)	94.1	(0.7)	98.1	(0.4)	98.6	(0.4)	99.6	(0.2)	
Singapore	24.9	(1.2)	38.4	(1.2)	51.3	(1.5)	70.1	(1.4)	80.9	(1.0)	91.9	(0.8)	96.8	(0.5)	98.9	(0.3)	
Chinese Taipei	16.8	(1.0)	37.9	(1.3)	51.1	(1.3)	72.0	(1.4)	85.2	(0.9)	95.6	(0.5)	97.1	(0.4)	99.3	(0.2)	
Thailand	52.4	(1.6)	66.0	(1.4)	71.7	(1.1)	75.1	(1.2)	68.2	(1.6)	83.7	(1.2)	92.2	(0.9)	95.5	(0.7)	
Tunisia	17.1	(1.2)	27.9	(1.3)	39.5	(1.6)	56.5	(2.1)	72.4	(1.8)	88.3	(1.0)	96.3	(0.6)	98.9	(0.3)	
United Arab Emirates	33.1	(1.1)	48.9	(1.2)	57.0	(1.3)	79.0	(1.3)	63.8	(1.2)	84.5	(0.9)	92.6	(0.6)	96.5	(0.4)	
Uruguay	19.8	(1.2)	34.2	(1.3)	49.9	(1.7)	75.1	(1.4)	62.4	(1.5)	85.1	(1.0)	90.8	(0.9)	97.2	(0.6)	
Viet Nam	27.3	(1.6)	43.6	(1.8)	49.4	(1.5)	61.3	(1.9)	87.4	(1.3)	96.9	(0.6)	98.5	(0.4)	99.8	(0.1)	

1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. The variable indicating the number of books available at home has been coded as: 0-10 books was coded as 5 books, 11-25 books as 18 books, 26-100 books as 63 books, 101-200 books as 150.5 books, 201-500 books as 350.5 books and more than 500 books as 750.5 books.

* See notes at the beginning of this Annex.

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[Part 6/7]


Elements of socio-economic status, by quarters of socio-economic status within countriesTable II.2.2 *Results based on students' self-reports*

	Educational resources at home: Percentage of students who reported that they have a quiet place to study at home								Educational resources at home: Percentage of students who reported that they have a dictionary at home								
	Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
OECD	Australia	79.2	(0.9)	87.7	(0.7)	91.5	(0.6)	96.5	(0.4)	91.7	(0.6)	95.2	(0.4)	98.2	(0.3)	99.7	(0.1)
	Austria	92.6	(0.8)	97.3	(0.4)	97.9	(0.5)	98.7	(0.3)	96.7	(0.6)	97.8	(0.5)	99.1	(0.4)	99.6	(0.3)
	Belgium	87.5	(0.9)	93.5	(0.7)	95.5	(0.5)	98.3	(0.3)	93.9	(0.8)	98.1	(0.3)	99.1	(0.3)	99.4	(0.2)
	Canada	87.0	(0.8)	90.2	(0.6)	93.1	(0.6)	97.9	(0.3)	91.1	(0.6)	96.2	(0.4)	97.6	(0.4)	99.5	(0.2)
	Chile	70.1	(1.3)	79.9	(1.0)	85.6	(0.9)	91.1	(0.8)	95.6	(0.9)	98.7	(0.3)	99.1	(0.3)	99.3	(0.2)
	Czech Republic	87.4	(1.2)	93.5	(1.0)	94.9	(0.7)	97.7	(0.5)	85.5	(1.6)	94.9	(0.8)	98.0	(0.5)	99.1	(0.3)
	Denmark	81.5	(1.3)	91.4	(0.8)	92.9	(0.7)	97.0	(0.6)	90.6	(0.9)	96.6	(0.5)	98.4	(0.4)	99.5	(0.2)
	Estonia	88.0	(1.2)	93.0	(0.8)	93.9	(0.7)	97.3	(0.4)	85.5	(1.1)	93.7	(0.8)	96.2	(0.6)	98.7	(0.3)
	Finland	91.6	(0.8)	95.1	(0.5)	95.9	(0.5)	98.4	(0.3)	78.9	(1.2)	89.6	(0.9)	94.2	(0.7)	98.9	(0.3)
	France	90.7	(0.9)	94.8	(0.6)	96.3	(0.7)	98.8	(0.3)	96.5	(0.6)	97.9	(0.5)	99.0	(0.3)	99.9	(0.1)
	Germany	93.7	(0.9)	97.0	(0.5)	97.1	(0.5)	98.8	(0.3)	93.4	(1.0)	97.3	(0.5)	98.1	(0.4)	99.5	(0.2)
	Greece	77.0	(1.1)	84.8	(1.1)	87.4	(1.1)	92.6	(0.7)	93.6	(0.8)	97.6	(0.5)	97.9	(0.5)	99.5	(0.2)
	Hungary	85.6	(1.4)	92.6	(1.0)	93.8	(0.8)	96.4	(0.6)	81.1	(1.6)	94.3	(0.8)	97.9	(0.5)	99.4	(0.2)
	Iceland	93.3	(0.8)	95.5	(0.6)	96.5	(0.7)	98.7	(0.3)	90.9	(1.1)	96.0	(0.6)	98.4	(0.4)	99.6	(0.2)
	Ireland	81.9	(1.2)	89.5	(0.9)	90.2	(0.8)	96.2	(0.6)	94.6	(0.9)	97.7	(0.5)	99.1	(0.3)	99.6	(0.2)
	Israel	87.2	(1.2)	92.4	(0.8)	95.2	(0.7)	98.2	(0.4)	93.4	(0.8)	97.7	(0.6)	98.4	(0.4)	99.7	(0.2)
	Italy	88.0	(0.5)	91.2	(0.5)	94.3	(0.4)	95.5	(0.4)	97.8	(0.3)	98.7	(0.2)	99.5	(0.1)	99.5	(0.1)
	Japan	80.0	(1.1)	88.0	(0.8)	88.4	(0.9)	93.3	(0.6)	95.3	(0.7)	97.9	(0.3)	99.2	(0.2)	99.4	(0.2)
	Korea	68.2	(1.4)	80.3	(1.3)	85.6	(0.9)	93.3	(0.8)	92.4	(0.8)	96.9	(0.5)	98.8	(0.3)	99.9	(0.1)
	Luxembourg	89.5	(0.8)	93.3	(0.7)	96.1	(0.5)	97.9	(0.4)	95.8	(0.5)	97.8	(0.4)	98.4	(0.4)	99.8	(0.1)
	Mexico	61.0	(0.9)	69.0	(0.8)	73.7	(0.8)	83.7	(0.5)	95.6	(0.4)	97.7	(0.2)	98.0	(0.2)	98.5	(0.2)
	Netherlands	94.5	(0.7)	96.4	(0.6)	98.5	(0.4)	98.6	(0.4)	92.4	(1.0)	96.2	(0.6)	98.8	(0.3)	100.0	(0.0)
	New Zealand	74.5	(1.7)	87.8	(0.9)	88.2	(1.0)	95.7	(0.6)	87.6	(1.1)	95.3	(0.7)	96.5	(0.7)	99.0	(0.3)
	Norway	90.8	(0.9)	93.3	(0.7)	96.1	(0.6)	97.9	(0.5)	84.2	(1.2)	90.7	(0.9)	97.0	(0.5)	98.2	(0.4)
	Poland	91.0	(1.0)	97.2	(0.4)	96.5	(0.6)	97.9	(0.5)	96.6	(0.6)	98.7	(0.4)	98.5	(0.4)	99.5	(0.2)
	Portugal	91.1	(0.8)	95.4	(0.7)	96.9	(0.5)	97.9	(0.3)	92.1	(0.6)	97.1	(0.5)	98.3	(0.4)	99.4	(0.2)
	Slovak Republic	74.9	(1.7)	87.9	(1.0)	90.5	(0.9)	95.5	(0.8)	79.2	(1.6)	95.8	(0.7)	96.8	(0.5)	99.0	(0.3)
	Slovenia	88.8	(1.0)	94.5	(0.6)	93.8	(0.8)	98.0	(0.4)	84.9	(1.1)	92.9	(0.8)	95.8	(0.7)	98.7	(0.3)
	Spain	88.9	(0.6)	92.6	(0.5)	94.0	(0.5)	96.5	(0.4)	98.1	(0.3)	99.0	(0.3)	99.1	(0.3)	99.7	(0.1)
	Sweden	86.7	(1.1)	93.0	(0.7)	93.8	(0.8)	96.9	(0.5)	83.3	(1.2)	89.7	(0.9)	93.8	(0.7)	98.6	(0.3)
	Switzerland	93.4	(0.7)	96.6	(0.4)	97.5	(0.4)	98.0	(0.4)	90.3	(0.8)	95.4	(0.6)	97.5	(0.4)	99.3	(0.2)
	Turkey	63.7	(1.6)	85.1	(1.2)	88.2	(1.0)	94.9	(0.8)	93.0	(0.7)	97.5	(0.5)	98.2	(0.4)	99.3	(0.2)
	United Kingdom	78.4	(1.5)	87.1	(0.9)	90.3	(0.8)	96.3	(0.5)	85.9	(1.0)	93.3	(0.7)	96.3	(0.5)	99.6	(0.1)
	United States	80.1	(1.3)	85.4	(1.0)	91.4	(0.8)	97.2	(0.4)	80.9	(1.2)	88.7	(0.9)	95.2	(0.7)	98.5	(0.4)
	OECD average	84.1	(0.2)	90.7	(0.1)	92.7	(0.1)	96.4	(0.1)	90.5	(0.2)	95.8	(0.1)	97.8	(0.1)	99.3	(0.0)
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	68.4	(1.6)	72.2	(2.0)	79.2	(1.1)	89.0	(0.9)	94.5	(0.8)	97.6	(0.5)	97.9	(0.8)	99.2	(0.4)
	Brazil	70.0	(0.9)	74.1	(0.7)	79.6	(0.7)	88.1	(0.8)	88.3	(0.6)	93.2	(0.5)	95.3	(0.5)	98.1	(0.2)
	Bulgaria	61.7	(1.7)	72.2	(1.1)	71.8	(1.3)	78.7	(1.2)	63.4	(2.1)	87.2	(1.1)	94.7	(0.7)	98.1	(0.4)
	Colombia	64.1	(1.6)	67.9	(1.3)	75.0	(1.4)	82.9	(1.1)	96.6	(0.5)	98.6	(0.3)	98.5	(0.4)	99.4	(0.3)
	Costa Rica	71.7	(1.6)	79.7	(1.4)	87.5	(1.0)	92.4	(0.8)	92.8	(0.9)	96.5	(0.6)	97.6	(0.6)	98.1	(0.5)
	Croatia	80.8	(0.9)	84.5	(1.2)	89.7	(0.9)	90.1	(0.9)	93.5	(0.7)	96.8	(0.5)	97.8	(0.4)	99.6	(0.2)
	Cyprus*	81.3	(1.1)	88.3	(1.0)	92.5	(0.9)	96.2	(0.6)	91.6	(0.7)	97.2	(0.4)	97.7	(0.5)	99.2	(0.3)
	Hong Kong-China	68.2	(1.6)	80.0	(1.3)	86.4	(1.1)	93.2	(0.8)	96.9	(0.5)	98.8	(0.3)	99.1	(0.3)	99.5	(0.2)
	Indonesia	36.1	(1.5)	53.3	(1.9)	64.5	(1.8)	71.7	(1.6)	87.3	(1.1)	93.7	(0.7)	96.3	(0.6)	97.6	(0.7)
	Jordan	68.7	(1.5)	85.4	(1.2)	87.2	(1.0)	94.6	(0.6)	68.9	(1.5)	86.9	(1.1)	90.0	(0.9)	95.6	(0.6)
	Kazakhstan	79.1	(1.2)	89.3	(0.9)	88.4	(1.1)	94.5	(0.7)	75.2	(1.6)	89.6	(1.1)	93.8	(0.8)	97.7	(0.5)
	Latvia	86.2	(1.5)	91.8	(1.2)	93.9	(0.8)	96.3	(0.6)	83.0	(1.6)	91.5	(1.3)	97.6	(0.4)	98.6	(0.4)
	Liechtenstein	97.2	(2.0)	98.5	(1.5)	98.5	(1.5)	98.7	(1.3)	90.7	(3.4)	97.0	(2.1)	98.7	(1.3)	100.0	(0.0)
	Lithuania	87.4	(0.9)	92.9	(0.7)	92.3	(0.8)	96.8	(0.5)	81.7	(1.2)	88.2	(0.9)	93.5	(0.7)	97.6	(0.4)
	Macao-China	63.9	(1.4)	75.5	(1.2)	84.3	(0.9)	89.9	(0.9)	96.0	(0.5)	96.7	(0.5)	97.9	(0.4)	99.0	(0.3)
	Malaysia	50.3	(1.5)	62.9	(1.4)	71.3	(1.4)	80.0	(1.2)	92.8	(0.8)	96.6	(0.6)	95.6	(0.6)	98.5	(0.3)
	Montenegro	86.2	(1.0)	90.2	(1.0)	92.2	(0.8)	95.9	(0.8)	87.1	(1.1)	94.5	(0.7)	96.4	(0.6)	99.4	(0.3)
	Peru	69.2	(1.8)	76.6	(1.2)	82.8	(1.0)	87.6	(0.9)	96.5	(0.5)	98.3	(0.4)	99.4	(0.2)	99.8	(0.1)
	Qatar	78.6	(0.8)	87.2	(0.6)	92.8	(0.5)	97.9	(0.3)	70.9	(0.8)	87.6	(0.6)	93.7	(0.5)	97.5	(0.3)
	Romania	83.6	(1.2)	91.9	(0.9)	96.1	(0.6)	97.2	(0.6)	73.2	(1.6)	85.0	(1.3)	90.6	(1.0)	94.8	(0.7)
	Russian Federation	82.5	(1.0)	87.9	(0.9)	87.9	(0.8)	94.9	(0.6)	80.6	(1.6)	92.2	(1.0)	95.8	(0.7)	98.6	(0.3)
	Serbia	90.7	(0.8)	96.0	(0.5)	96.4	(0.5)	96.9	(0.6)	81.3	(1.3)	92.7	(0.8)	95.6	(0.7)	99.0	(0.3)
	Shanghai-China	80.4	(1.5)	91.9	(0.9)	94.9	(0.6)	97.7	(0.5)	97.5	(0.5)	99.2	(0.2)	99.1	(0.3)	99.6	(0.2)
	Singapore	62.4	(1.2)	77.3	(1.1)	85.6	(0.9)	91.2	(0.7)	95.9	(0.6)	98.1	(0.3)	99.0	(0.3)	99.5	(0.3)
	Chinese Taipei	64.7	(1.2)	80.4	(1.0)	85.1	(0.9)	90.8	(0.7)	91.7	(0.7)	97.8	(0.3)	99.4	(0.2)	99.3	(0.2)
	Thailand	60.5	(1.5)	70.7	(1.4)	78.8	(1.1)	85.8	(1.2)	70.5	(1.6)	80.6	(1.4)	88.9	(1.1)	95.4	(0.8)
	Tunisia	60.2	(1.5)	76.1	(1.3)	89.4	(1.0)	92.2	(0.9)	65.1	(1.6)	83.1	(1.3)	92.1	(0.9)	94.9	(0.7)
	United Arab Emirates	78.7	(1.1)	86.1	(0.8)	90.3	(0.7)	95.5	(0.5)	81.0	(0.8)	92.5	(0.6)	95.2	(0.6)	99.1	(0.2)
	Uruguay	77.4	(1.3)	86.3	(1.1)	89.8	(0.9)	96.2	(0.5)	95.8	(0.6)	98.0	(0.5)	99.3	(0.3)	99.2	(0.3)
Viet Nam	70.4	(2.2)	85.5	(1.4)	86.9	(1.2)	92.0	(0.9)	44.5	(2.0)	66.1	(2.2)	81.6	(1.5)	91.9	(1.3)	

1. ESCS refers to the PISA index of economic, social and cultural status.

2. The variable indicating the number of books available at home has been coded as: 0-10 books was coded as 5 books, 11-25 books as 18 books, 26-100 books as 63 books, 101-200 books as 150.5 books, 201-500 books as 350.5 books and more than 500 books as 750.5 books.

* See notes at the beginning of this Annex.

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[Part 7/7]

Elements of socio-economic status, by quarters of socio-economic status within countries
Results based on students' self-reports


Table II.2.2

	Average number of books available in students' homes ²							
	Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
OECD								
Australia	97	(3.5)	140	(4.1)	189	(3.9)	297	(5.3)
Austria	56	(3.3)	104	(4.8)	171	(6.9)	323	(12.5)
Belgium	61	(3.0)	107	(4.5)	161	(5.5)	275	(7.1)
Canada	88	(3.9)	129	(3.8)	166	(4.0)	287	(5.7)
Chile	26	(2.0)	47	(2.6)	68	(2.9)	139	(4.9)
Czech Republic	80	(5.2)	123	(5.9)	161	(8.0)	280	(8.6)
Denmark	62	(2.9)	100	(3.9)	150	(5.5)	289	(10.1)
Estonia	103	(5.4)	135	(5.4)	172	(6.3)	294	(8.0)
Finland	83	(3.2)	112	(3.9)	155	(4.2)	262	(5.6)
France	55	(3.3)	95	(5.3)	149	(5.7)	276	(8.3)
Germany	85	(4.8)	135	(5.6)	217	(8.1)	346	(10.3)
Greece	66	(4.3)	100	(4.2)	144	(5.0)	271	(9.0)
Hungary	70	(4.4)	161	(5.5)	240	(8.9)	414	(10.1)
Iceland	127	(5.6)	162	(6.1)	229	(7.5)	315	(8.0)
Ireland	66	(3.9)	107	(4.3)	167	(5.7)	283	(7.7)
Israel	92	(6.7)	148	(7.5)	210	(10.3)	287	(13.5)
Italy	57	(1.8)	97	(2.5)	165	(3.2)	289	(6.7)
Japan	100	(4.3)	149	(4.6)	179	(5.0)	251	(6.7)
Korea	107	(4.4)	188	(5.0)	251	(6.8)	369	(10.6)
Luxembourg	83	(4.6)	154	(5.4)	274	(7.5)	423	(6.3)
Mexico	19	(1.0)	25	(1.1)	36	(1.2)	100	(3.6)
Netherlands	58	(4.7)	93	(5.0)	154	(6.3)	271	(11.7)
New Zealand	83	(4.6)	138	(6.4)	175	(7.1)	307	(7.7)
Norway	97	(4.9)	142	(5.6)	209	(7.1)	322	(9.5)
Poland	53	(3.1)	93	(4.3)	136	(7.1)	285	(10.7)
Portugal	33	(2.0)	60	(3.0)	101	(4.3)	252	(8.8)
Slovak Republic	39	(3.4)	85	(4.5)	115	(5.9)	226	(6.4)
Slovenia	50	(4.1)	83	(4.7)	123	(6.4)	230	(8.3)
Spain	69	(2.5)	117	(3.1)	185	(3.9)	312	(5.5)
Sweden	83	(5.5)	144	(5.9)	187	(5.8)	316	(7.3)
Switzerland	56	(2.6)	98	(3.5)	162	(6.4)	287	(5.5)
Turkey	25	(1.6)	46	(2.6)	75	(4.5)	179	(8.6)
United Kingdom	71	(3.8)	110	(4.0)	161	(6.4)	285	(8.2)
United States	43	(2.4)	81	(5.4)	113	(5.3)	228	(7.5)
OECD average	69	(0.7)	112	(0.8)	163	(1.0)	282	(1.4)
Partners								
Albania	m	m	m	m	m	m	m	m
Argentina	29	(3.2)	44	(3.0)	62	(4.3)	132	(5.5)
Brazil	22	(1.4)	26	(1.4)	36	(1.6)	82	(3.6)
Bulgaria	36	(2.8)	83	(4.7)	117	(5.3)	228	(8.2)
Colombia	17	(1.6)	27	(1.2)	37	(2.0)	80	(4.0)
Costa Rica	12	(0.8)	23	(1.3)	40	(2.6)	105	(6.9)
Croatia	26	(1.5)	51	(2.8)	83	(4.0)	172	(6.2)
Cyprus*	64	(3.6)	109	(4.3)	137	(5.9)	261	(7.8)
Hong Kong-China	37	(1.8)	63	(3.1)	101	(3.5)	217	(9.3)
Indonesia	37	(3.6)	45	(3.2)	67	(3.9)	105	(6.1)
Jordan	33	(2.3)	56	(3.6)	92	(4.5)	157	(6.3)
Kazakhstan	37	(2.5)	71	(3.9)	90	(5.7)	163	(10.5)
Latvia	64	(5.5)	128	(6.8)	161	(7.4)	261	(6.9)
Liechtenstein	61	(12.8)	139	(19.6)	202	(25.9)	331	(35.8)
Lithuania	48	(3.2)	81	(4.1)	121	(5.8)	231	(7.4)
Macao-China	33	(1.9)	46	(2.7)	62	(3.1)	133	(4.6)
Malaysia	47	(2.7)	81	(4.1)	105	(5.2)	176	(6.8)
Montenegro	47	(3.1)	92	(5.4)	143	(6.5)	264	(7.9)
Peru	18	(1.3)	32	(2.1)	49	(2.8)	89	(4.9)
Qatar	61	(2.4)	97	(3.3)	125	(3.9)	239	(4.9)
Romania	37	(3.1)	65	(3.8)	102	(5.1)	222	(9.4)
Russian Federation	58	(4.4)	121	(4.6)	160	(5.5)	253	(8.8)
Serbia	34	(2.6)	57	(3.2)	92	(4.9)	215	(7.7)
Shanghai-China	44	(2.1)	73	(3.4)	113	(4.3)	208	(8.0)
Singapore	54	(2.4)	91	(3.8)	129	(4.3)	234	(5.8)
Chinese Taipei	62	(3.5)	112	(4.6)	157	(5.2)	288	(6.0)
Thailand	29	(1.7)	42	(2.2)	60	(2.9)	118	(5.8)
Tunisia	16	(1.1)	27	(2.8)	45	(3.0)	91	(5.2)
United Arab Emirates	44	(2.2)	74	(3.7)	113	(4.8)	211	(4.8)
Uruguay	19	(1.5)	32	(1.7)	63	(4.1)	145	(8.3)
Viet Nam	31	(2.0)	51	(2.5)	59	(3.0)	83	(4.9)

1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. The variable indicating the number of books available at home has been coded as: 0-10 books was coded as 5 books, 11-25 books as 18 books, 26-100 books as 63 books, 101-200 books as 150.5 books, 201-500 books as 350.5 books and more than 500 books as 750.5 books.

* See notes at the beginning of this Annex.

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[Part 1/2]
Elements of socio-economic status across countries
Results based on students' self-reports

Table II.2.3

	ESCS ¹		Highest parental education, in years		Highest parental education: Percentage of students with at least one parent whose educational attainment is...						Highest parental occupation: Percentage of students with at least one parent working in an occupation considered as...							
	Mean index	S.E.	Mean years	S.E.	No post-secondary education (ISCED 2 or less)		Upper secondary or post-secondary education (ISCED 3 and 4)		Tertiary education (ISCED 5 and 6)		Elementary (ISCO 9)		Semi-skilled blue-collar (ISCO 6, 7 and 8)		Semi-skilled white-collar (ISCO 4 and 5)		Skilled (ISCO 1, 2 and 3)	
					%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																		
Australia	0.25	(0.01)	13.2	(0.0)	10.4	(0.3)	34.2	(0.5)	55.4	(0.5)	4.2	(0.2)	10.4	(0.3)	17.7	(0.4)	67.8	(0.6)
Austria	0.08	(0.02)	13.8	(0.1)	4.7	(0.5)	47.3	(1.0)	48.0	(1.0)	2.5	(0.2)	16.8	(0.9)	30.0	(0.7)	50.7	(1.1)
Belgium	0.15	(0.02)	14.5	(0.1)	4.9	(0.4)	32.2	(0.8)	62.9	(0.8)	4.6	(0.3)	15.1	(0.6)	24.1	(0.6)	56.3	(1.0)
Canada	0.41	(0.02)	15.0	(0.0)	3.2	(0.3)	24.4	(0.6)	72.4	(0.7)	2.7	(0.2)	10.1	(0.4)	22.0	(0.5)	65.1	(0.7)
Chile	-0.58	(0.04)	12.6	(0.1)	22.4	(1.4)	42.6	(1.2)	35.0	(1.2)	12.3	(0.8)	24.9	(0.8)	27.6	(0.8)	35.2	(1.2)
Czech Republic	-0.07	(0.02)	13.5	(0.0)	1.2	(0.2)	66.2	(0.9)	32.6	(0.9)	1.4	(0.3)	18.9	(0.8)	34.2	(0.9)	45.5	(1.0)
Denmark	0.43	(0.02)	15.3	(0.0)	5.7	(0.4)	26.9	(0.9)	67.4	(1.0)	2.8	(0.3)	8.4	(0.5)	27.9	(0.9)	61.0	(1.2)
Estonia	0.11	(0.01)	14.0	(0.0)	2.4	(0.3)	40.0	(0.9)	57.6	(0.9)	1.9	(0.2)	18.9	(0.8)	23.4	(0.7)	55.8	(0.9)
Finland	0.36	(0.02)	15.0	(0.0)	2.9	(0.2)	17.8	(0.6)	79.3	(0.6)	0.9	(0.1)	9.9	(0.5)	23.6	(0.6)	65.6	(0.8)
France	-0.04	(0.02)	13.0	(0.0)	9.5	(0.5)	36.3	(0.9)	54.3	(0.9)	4.2	(0.3)	12.9	(0.6)	24.3	(0.7)	58.6	(1.0)
Germany	0.19	(0.02)	14.2	(0.1)	22.8	(0.9)	26.6	(0.7)	50.5	(1.1)	2.1	(0.3)	14.0	(0.6)	30.5	(0.8)	53.4	(1.0)
Greece	-0.06	(0.03)	13.9	(0.1)	10.7	(0.7)	36.7	(0.9)	52.6	(1.1)	5.1	(0.4)	18.9	(1.0)	27.6	(0.8)	48.4	(1.3)
Hungary	-0.25	(0.03)	13.1	(0.1)	9.6	(0.7)	46.9	(1.1)	43.6	(1.3)	3.6	(0.4)	23.6	(0.9)	28.6	(0.8)	44.2	(1.3)
Iceland	0.78	(0.01)	16.1	(0.0)	7.2	(0.4)	26.6	(0.7)	66.1	(0.8)	2.5	(0.3)	9.1	(0.5)	21.1	(0.7)	67.4	(0.7)
Ireland	0.13	(0.02)	13.6	(0.0)	8.0	(0.4)	36.1	(0.9)	55.9	(1.0)	3.0	(0.3)	11.5	(0.6)	27.8	(0.8)	57.7	(0.9)
Israel	0.17	(0.03)	13.6	(0.1)	4.4	(0.5)	33.9	(1.2)	61.7	(1.4)	1.8	(0.2)	11.4	(0.8)	16.4	(0.9)	70.5	(1.3)
Italy	-0.05	(0.01)	13.3	(0.0)	20.5	(0.4)	42.4	(0.4)	37.1	(0.5)	3.4	(0.2)	23.4	(0.5)	30.8	(0.4)	42.4	(0.6)
Japan	-0.07	(0.02)	14.1	(0.0)	1.7	(0.2)	35.9	(1.0)	62.4	(1.0)	3.5	(0.2)	11.1	(0.5)	34.8	(0.7)	50.5	(0.8)
Korea	0.01	(0.03)	14.0	(0.1)	3.2	(0.3)	40.1	(1.5)	56.7	(1.6)	2.9	(0.3)	8.8	(0.6)	31.6	(0.9)	56.7	(1.2)
Luxembourg	0.07	(0.01)	13.6	(0.1)	20.0	(0.6)	29.2	(0.6)	50.8	(0.7)	4.3	(0.3)	19.8	(0.5)	27.9	(0.7)	47.9	(0.7)
Mexico	-1.11	(0.02)	10.8	(0.1)	49.7	(0.8)	14.6	(0.3)	35.7	(0.7)	17.6	(0.6)	23.2	(0.4)	29.0	(0.5)	30.1	(0.7)
Netherlands	0.23	(0.02)	13.9	(0.1)	6.1	(0.4)	30.7	(1.2)	63.2	(1.2)	1.7	(0.2)	8.4	(0.5)	20.4	(0.9)	69.5	(1.0)
New Zealand	0.04	(0.02)	13.0	(0.0)	7.2	(0.5)	40.1	(0.9)	52.7	(1.0)	3.1	(0.3)	13.0	(0.6)	17.4	(0.6)	66.5	(0.9)
Norway	0.46	(0.02)	13.9	(0.0)	2.9	(0.3)	29.3	(0.9)	67.9	(1.0)	1.3	(0.2)	6.1	(0.4)	21.1	(0.7)	71.5	(0.8)
Poland	-0.21	(0.03)	12.7	(0.1)	3.1	(0.3)	70.6	(1.2)	26.3	(1.3)	1.6	(0.2)	30.7	(1.1)	23.6	(0.8)	44.2	(1.4)
Portugal	-0.48	(0.05)	11.0	(0.2)	48.7	(1.7)	24.0	(0.8)	27.3	(1.6)	7.1	(0.6)	26.1	(1.0)	30.8	(1.0)	36.0	(1.8)
Slovak Republic	-0.18	(0.03)	14.1	(0.1)	3.4	(0.5)	66.4	(1.1)	30.1	(1.2)	5.3	(0.6)	23.5	(0.9)	35.7	(0.9)	35.6	(1.2)
Slovenia	0.07	(0.01)	13.1	(0.0)	4.1	(0.3)	52.6	(0.8)	43.3	(0.8)	2.9	(0.3)	16.7	(0.6)	24.5	(0.6)	55.9	(0.8)
Spain	-0.19	(0.03)	12.4	(0.1)	24.4	(0.8)	27.1	(0.6)	48.5	(1.0)	6.1	(0.3)	21.5	(0.8)	29.4	(0.7)	43.0	(1.1)
Sweden	0.28	(0.02)	14.1	(0.0)	5.4	(0.4)	25.4	(0.7)	69.2	(0.7)	1.6	(0.2)	8.6	(0.5)	25.9	(0.8)	63.9	(0.9)
Switzerland	0.17	(0.02)	14.0	(0.1)	12.9	(0.5)	31.0	(0.6)	56.2	(0.8)	1.3	(0.2)	11.8	(0.6)	23.3	(0.9)	63.6	(1.3)
Turkey	-1.46	(0.04)	8.7	(0.1)	59.9	(1.2)	16.1	(0.6)	24.0	(1.0)	9.2	(0.7)	32.8	(1.2)	36.9	(1.2)	21.2	(1.0)
United Kingdom	0.27	(0.02)	14.2	(0.0)	3.7	(0.3)	36.9	(0.8)	59.4	(0.8)	2.3	(0.2)	6.9	(0.5)	25.7	(0.8)	65.0	(1.1)
United States	0.17	(0.04)	13.7	(0.1)	9.0	(0.8)	32.4	(1.1)	58.6	(1.5)	5.7	(0.5)	8.1	(0.5)	21.6	(0.8)	64.6	(1.3)
OECD average	0.00	(0.00)	13.5	(0.0)	12.2	(0.1)	35.9	(0.2)	51.9	(0.2)	4.0	(0.1)	15.7	(0.1)	26.4	(0.1)	53.9	(0.2)
Partners																		
Albania	m	m	12.1	(0.1)	24.4	(0.9)	46.3	(0.8)	29.3	(0.8)	6.0	(0.4)	37.4	(1.1)	19.0	(0.8)	37.7	(1.0)
Argentina	-0.72	(0.04)	12.5	(0.1)	31.3	(1.3)	21.5	(0.7)	47.1	(1.3)	8.6	(0.6)	27.5	(1.1)	29.4	(1.0)	34.6	(1.6)
Brazil	-1.17	(0.02)	10.2	(0.1)	37.3	(0.8)	36.6	(0.7)	26.0	(0.8)	10.9	(0.4)	19.0	(0.6)	35.6	(0.6)	34.5	(0.7)
Bulgaria	-0.28	(0.04)	13.7	(0.1)	7.2	(0.8)	47.5	(1.0)	45.4	(1.2)	4.0	(0.4)	23.7	(1.1)	26.8	(0.8)	45.5	(1.4)
Colombia	-1.26	(0.04)	10.9	(0.1)	37.5	(1.3)	15.4	(0.8)	47.0	(1.5)	7.6	(0.5)	33.7	(1.2)	34.3	(0.9)	24.5	(1.0)
Costa Rica	-0.98	(0.04)	12.1	(0.1)	28.0	(1.1)	23.5	(1.0)	48.5	(1.3)	11.9	(1.0)	20.7	(1.2)	32.0	(1.1)	35.4	(1.4)
Croatia	-0.34	(0.02)	13.7	(0.0)	4.8	(0.4)	48.2	(0.8)	47.1	(0.8)	1.6	(0.2)	21.2	(0.7)	36.0	(0.9)	41.2	(1.1)
Cyprus*	0.09	(0.01)	14.1	(0.0)	5.1	(0.3)	42.2	(0.7)	52.7	(0.7)	2.5	(0.3)	16.6	(0.6)	38.2	(0.8)	42.8	(0.8)
Hong Kong-China	-0.79	(0.05)	11.4	(0.1)	29.7	(1.4)	48.4	(1.1)	21.8	(2.0)	7.0	(0.5)	16.0	(0.8)	34.0	(1.2)	42.9	(2.0)
Indonesia	-1.80	(0.05)	10.1	(0.1)	48.1	(1.7)	32.1	(1.1)	19.8	(1.5)	21.6	(1.9)	32.0	(2.1)	25.1	(1.4)	21.3	(1.7)
Jordan	-0.42	(0.02)	13.6	(0.1)	12.0	(0.6)	30.7	(0.8)	57.3	(1.1)	1.9	(0.2)	19.6	(0.8)	16.5	(0.6)	61.9	(0.9)
Kazakhstan	-0.32	(0.02)	14.2	(0.0)	1.4	(0.2)	12.0	(0.7)	86.6	(0.8)	3.1	(0.3)	17.9	(0.9)	18.4	(0.9)	60.5	(1.3)
Latvia	-0.26	(0.03)	13.3	(0.1)	2.7	(0.4)	42.6	(1.2)	54.7	(1.3)	5.1	(0.5)	15.9	(0.8)	28.1	(1.0)	50.8	(1.3)
Liechtenstein	0.30	(0.05)	13.6	(0.2)	10.9	(2.0)	33.0	(2.4)	56.1	(2.5)	2.1	(0.9)	9.8	(1.6)	13.2	(1.8)	75.0	(2.3)
Lithuania	-0.13	(0.02)	14.0	(0.0)	1.5	(0.2)	34.2	(0.9)	64.3	(0.9)	4.4	(0.4)	22.8	(0.7)	21.0	(0.6)	51.8	(0.9)
Macao-China	-0.89	(0.01)	10.5	(0.0)	49.3	(0.6)	32.3	(0.6)	18.4	(0.5)	5.0	(0.3)	9.2	(0.4)	58.0	(0.7)	27.8	(0.6)
Malaysia	-0.72	(0.03)	12.7	(0.1)	17.9	(0.9)	53.3	(0.9)	28.8	(1.2)	10.7	(0.7)	25.4	(1.0)	24.0	(0.8)	40.0	(1.4)
Montenegro	-0.25	(0.01)	13.7	(0.0)	4.0	(0.3)	37.2	(0.7)	58.8	(0.8)	3.9	(0.3)	18.4	(0.6)	32.5	(0.8)	45.2	(0.8)
Peru	-1.23	(0.05)	11.5	(0.1)	26.7	(1.3)	39.2	(1.0)	34.1	(1.5)	21.7	(1.2)	25.4	(0.8)	31.2	(0.7)	21.7	(1.3)
Qatar	0.44	(0.01)	14.3	(0.0)	9.8	(0.3)	18.6	(0.4)	71.7	(0.4)	0.6	(0.1)	7.1	(0.3)	15.0	(0.4)	77.3	(0.4)
Romania	-0.47	(0.04)	13.6	(0.1)	5.8	(0.6)	42.5	(1.1)	51.7	(1.2)	4.2	(0.5)	31.0	(1.2)	27.8	(1.0)	37.1	(1.6)
Russian Federation	-0.11	(0.02)	13.9	(0.0)	1.3	(0.3)	8.0	(0.5)	90.7	(0.6)	1.6	(0.2)	15.3	(0.8)	27.2	(0.8)	56.0	(1.1)
Serbia	-0.30	(0.02)	13.5	(0.1)	4.8	(0.5)	40.3	(1.0)	54.9	(1.1)	3.6	(0.3)	12.5	(0.6)	41.8	(1.0)	42.0	(1.1)
Shanghai-China	-0.36	(0.04)	12.8	(0.1)	24.9	(1.3)	30.6	(0.8)	44.5	(1.3)	1.5	(0.2)	14.9	(0.8)	26.2	(0.9)	57.4	(1.3)
Singapore	-0.26	(0.01)	12.4	(0.0)	10.0	(0.4)	42.2	(0.7)	47.8	(0.7)	2.6	(0.2)	7.8	(0.5)	20.2	(0.6)	69.4	(0.6)
Chinese Taipei	-0.40	(0.02)	13.0	(0.1)	11.8	(0.6)	36.8	(0.8)	51.4	(1.1)	3.3	(0.3)	21.5	(0.9)	31.5	(0.6)	43.8	(1.2)
Thailand	-1.35	(0.04)	10.1	(0.1)	50.2	(1.4)	30.8	(0.7)	19.0	(1.2)	11.6	(0.7)	38.8	(1.2)	25.5	(0.8)	24.2	(1.2)
Tunisia	-1.19	(0.05)	11.9	(0.1)														

[Part 2/2]
Elements of socio-economic status across countries
Results based on students' self-reports


Table II.2.3

	Cultural possessions: Percentage of students who reported that they have the following possessions at home			Educational resources at home: Percentage of students who reported that they have the following possessions at home			ICT resources at home: Percentage of students who reported that they have the following at home			Family wealth/ possessions at home: Percentage of students who reported that they have the following possessions at home		Average number of books available at student's home ²	
	Classical literature	Poetry books	Works of art	A desk at which to study	A quiet place to study	A dictionary	A computer to use for school work	Educational software	Internet access	A DVD player		Mean	S.E.
	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.
OECD													
Australia	40.2 (0.6)	35.8 (0.5)	74.1 (0.5)	91.6 (0.3)	88.6 (0.3)	96.1 (0.2)	97.8 (0.1)	77.6 (0.5)	97.2 (0.2)	98.4 (0.2)	180.4	(2.6)	
Austria	39.9 (1.2)	56.5 (1.0)	72.7 (0.7)	96.6 (0.3)	96.6 (0.3)	98.3 (0.3)	98.3 (0.3)	47.3 (0.9)	98.8 (0.2)	96.8 (0.3)	163.0	(5.5)	
Belgium	38.1 (0.8)	31.8 (0.7)	57.1 (0.7)	96.2 (0.3)	93.6 (0.4)	97.4 (0.2)	96.9 (0.3)	60.8 (0.7)	98.2 (0.2)	98.3 (0.1)	150.4	(3.7)	
Canada	36.6 (0.7)	34.0 (0.6)	74.1 (0.5)	86.9 (0.4)	92.0 (0.3)	96.0 (0.2)	97.3 (0.2)	66.7 (0.5)	98.0 (0.2)	98.3 (0.2)	167.2	(3.3)	
Chile	39.2 (1.0)	53.9 (0.8)	46.7 (1.0)	71.3 (0.9)	81.7 (0.7)	98.2 (0.3)	85.8 (0.9)	30.7 (0.7)	76.3 (1.2)	90.1 (0.5)	69.7	(2.3)	
Czech Republic	67.8 (1.1)	43.5 (1.1)	49.0 (1.0)	98.9 (0.2)	93.4 (0.4)	94.3 (0.5)	97.4 (0.3)	53.6 (0.9)	97.4 (0.3)	96.1 (0.3)	160.7	(4.6)	
Denmark	48.8 (0.9)	29.7 (0.9)	75.1 (0.8)	90.3 (0.5)	90.6 (0.5)	96.3 (0.3)	99.2 (0.2)	81.2 (0.8)	99.6 (0.1)	98.9 (0.2)	149.8	(4.0)	
Estonia	72.9 (0.7)	72.0 (0.9)	63.7 (0.8)	97.7 (0.2)	93.0 (0.4)	93.5 (0.4)	89.5 (0.6)	73.8 (0.8)	98.9 (0.2)	88.9 (0.5)	176.0	(3.7)	
Finland	51.3 (0.9)	51.6 (0.8)	76.0 (0.7)	94.3 (0.3)	95.3 (0.3)	90.4 (0.4)	98.9 (0.2)	36.8 (0.7)	99.6 (0.1)	98.2 (0.2)	153.2	(2.9)	
France	64.0 (1.0)	42.2 (1.0)	39.3 (0.9)	98.2 (0.2)	95.0 (0.4)	98.3 (0.2)	96.8 (0.3)	36.5 (0.9)	98.1 (0.2)	97.8 (0.2)	142.8	(4.0)	
Germany	44.8 (1.0)	57.8 (0.8)	70.5 (0.9)	96.8 (0.3)	96.6 (0.3)	97.1 (0.3)	98.2 (0.2)	51.4 (0.8)	98.6 (0.2)	97.5 (0.2)	194.4	(5.6)	
Greece	50.0 (1.3)	44.6 (1.1)	65.2 (1.0)	97.9 (0.3)	85.4 (0.6)	97.2 (0.3)	91.9 (0.5)	44.5 (1.0)	87.7 (0.7)	95.2 (0.3)	144.7	(4.0)	
Hungary	64.1 (1.1)	66.4 (1.0)	51.7 (0.9)	97.8 (0.3)	92.0 (0.6)	93.1 (0.6)	94.0 (0.6)	44.9 (0.8)	93.6 (0.6)	97.1 (0.3)	221.6	(6.0)	
Iceland	69.3 (0.9)	72.0 (0.6)	90.1 (0.5)	95.0 (0.4)	96.0 (0.3)	96.2 (0.4)	99.0 (0.2)	77.7 (0.7)	99.6 (0.1)	98.4 (0.2)	208.1	(3.0)	
Ireland	34.1 (0.9)	35.6 (0.9)	72.6 (0.7)	89.3 (0.6)	89.3 (0.4)	97.6 (0.3)	95.2 (0.3)	57.6 (0.9)	97.9 (0.2)	99.1 (0.1)	155.5	(4.3)	
Israel	53.4 (1.3)	52.2 (1.1)	68.4 (1.0)	95.3 (0.5)	93.2 (0.4)	97.2 (0.3)	94.2 (0.5)	50.2 (1.0)	91.5 (0.8)	88.5 (0.7)	184.1	(8.0)	
Italy	62.6 (0.7)	56.9 (0.6)	69.3 (0.5)	97.1 (0.2)	92.2 (0.3)	98.9 (0.1)	96.7 (0.2)	53.4 (0.5)	96.9 (0.2)	97.3 (0.1)	152.2	(3.1)	
Japan	50.4 (1.1)	25.8 (0.8)	33.7 (0.8)	95.1 (0.4)	87.3 (0.5)	97.9 (0.2)	70.1 (0.9)	15.2 (0.5)	88.6 (0.7)	94.9 (0.3)	169.9	(3.6)	
Korea	80.9 (0.8)	63.1 (1.1)	48.9 (1.1)	96.3 (0.3)	81.8 (0.7)	97.0 (0.3)	94.5 (0.4)	54.9 (1.1)	97.2 (0.3)	53.6 (1.1)	228.6	(6.7)	
Luxembourg	41.7 (0.5)	52.1 (0.6)	75.0 (0.6)	97.0 (0.2)	94.1 (0.3)	97.8 (0.2)	96.8 (0.2)	49.5 (0.6)	97.8 (0.2)	97.5 (0.2)	234.0	(3.2)	
Mexico	48.0 (0.5)	44.6 (0.5)	33.6 (0.5)	75.4 (0.4)	71.8 (0.5)	97.4 (0.1)	57.3 (0.8)	28.5 (0.5)	47.4 (0.8)	84.3 (0.4)	45.3	(1.3)	
Netherlands	28.8 (1.1)	28.3 (1.2)	70.0 (1.1)	95.7 (0.4)	97.0 (0.2)	96.8 (0.4)	98.2 (0.2)	63.4 (1.0)	99.5 (0.1)	98.8 (0.2)	143.5	(5.3)	
New Zealand	27.4 (0.9)	37.3 (0.9)	71.0 (0.9)	84.2 (0.6)	86.2 (0.6)	94.4 (0.4)	93.6 (0.4)	62.1 (0.9)	92.6 (0.4)	97.2 (0.3)	174.2	(4.2)	
Norway	56.5 (1.1)	45.0 (1.2)	84.1 (0.7)	96.6 (0.3)	94.4 (0.3)	92.5 (0.4)	98.6 (0.2)	67.9 (0.8)	99.4 (0.1)	98.2 (0.2)	192.2	(5.4)	
Poland	78.0 (0.9)	47.4 (1.1)	51.8 (1.1)	97.5 (0.3)	95.6 (0.4)	98.3 (0.2)	97.2 (0.3)	71.2 (0.8)	95.3 (0.4)	92.1 (0.5)	141.7	(6.1)	
Portugal	55.3 (1.4)	50.1 (1.3)	63.3 (1.0)	95.3 (0.4)	95.3 (0.4)	96.7 (0.3)	96.9 (0.4)	48.1 (0.9)	95.3 (0.4)	93.7 (0.5)	111.5	(5.3)	
Slovak Republic	55.0 (1.0)	60.6 (1.1)	62.4 (0.9)	90.8 (0.7)	87.2 (0.7)	92.7 (0.5)	91.9 (0.7)	54.4 (1.1)	92.9 (0.6)	95.0 (0.4)	115.8	(3.4)	
Slovenia	59.4 (0.9)	60.5 (0.7)	72.6 (0.7)	99.4 (0.1)	93.7 (0.4)	93.0 (0.4)	98.5 (0.3)	68.2 (0.7)	99.1 (0.2)	94.6 (0.4)	121.4	(3.2)	
Spain	65.6 (0.7)	57.0 (0.7)	60.0 (0.7)	98.0 (0.2)	93.0 (0.3)	98.9 (0.1)	96.1 (0.2)	47.1 (0.6)	94.7 (0.3)	97.2 (0.2)	170.8	(3.7)	
Sweden	54.4 (0.8)	34.8 (0.8)	78.5 (0.7)	90.3 (0.5)	92.6 (0.4)	91.3 (0.4)	98.6 (0.2)	63.1 (0.9)	99.3 (0.1)	98.5 (0.2)	181.4	(3.9)	
Switzerland	31.0 (0.8)	37.9 (0.9)	65.1 (0.7)	97.8 (0.2)	96.4 (0.3)	95.6 (0.3)	97.7 (0.2)	43.8 (0.8)	99.0 (0.1)	96.8 (0.3)	150.7	(3.5)	
Turkey	58.1 (1.2)	59.6 (0.9)	31.6 (1.0)	85.3 (0.8)	82.9 (0.7)	97.0 (0.3)	68.0 (1.2)	34.9 (1.1)	57.3 (1.2)	61.2 (1.0)	81.0	(4.1)	
United Kingdom	38.7 (1.1)	38.6 (0.9)	62.4 (0.9)	84.9 (0.6)	87.8 (0.7)	93.6 (0.4)	97.1 (0.3)	72.7 (0.8)	98.4 (0.2)	98.7 (0.2)	155.5	(4.2)	
United States	35.8 (1.1)	39.1 (1.0)	69.2 (0.9)	77.7 (0.7)	88.5 (0.5)	90.8 (0.5)	91.0 (0.6)	62.2 (1.0)	92.6 (0.6)	97.6 (0.3)	116.2	(4.3)	
OECD average	51.2 (0.2)	47.6 (0.2)	63.2 (0.1)	92.6 (0.1)	90.9 (0.1)	95.8 (0.1)	93.2 (0.1)	54.5 (0.1)	93.4 (0.1)	93.7 (0.1)	156.1	(0.7)	
Partners													
Albania	41.6 (0.9)	79.6 (0.8)	54.0 (0.9)	91.9 (0.5)	91.1 (0.6)	77.8 (0.7)	64.8 (0.8)	43.2 (0.9)	54.3 (0.9)	84.1 (0.7)	54.3	(1.7)	
Argentina	63.7 (1.4)	53.6 (1.2)	34.5 (1.0)	82.9 (1.0)	77.1 (1.0)	97.3 (0.4)	83.8 (1.4)	46.1 (1.6)	74.4 (1.5)	88.7 (0.6)	66.9	(2.8)	
Brazil	41.1 (0.6)	51.6 (0.6)	38.4 (0.9)	65.0 (0.6)	77.9 (0.4)	93.7 (0.3)	71.8 (0.7)	28.4 (0.5)	74.7 (0.7)	92.2 (0.3)	41.6	(1.4)	
Bulgaria	67.7 (1.3)	63.8 (1.2)	61.4 (1.0)	91.4 (0.7)	71.1 (0.8)	85.8 (1.0)	93.2 (0.6)	58.6 (1.0)	93.4 (0.6)	84.4 (0.6)	115.8	(4.2)	
Colombia	50.5 (1.1)	54.7 (1.0)	50.4 (1.1)	68.0 (1.3)	72.5 (0.8)	98.3 (0.2)	62.9 (1.5)	34.1 (1.1)	53.9 (1.4)	82.4 (0.7)	40.3	(1.8)	
Costa Rica	58.4 (1.3)	33.6 (1.1)	45.9 (1.3)	81.1 (0.9)	82.8 (0.7)	96.3 (0.4)	73.7 (1.4)	39.6 (1.1)	66.4 (1.3)	83.6 (0.7)	45.3	(2.5)	
Croatia	46.9 (1.0)	33.2 (0.9)	58.4 (0.8)	98.3 (0.2)	86.2 (0.5)	96.9 (0.2)	94.2 (0.4)	57.8 (0.9)	95.6 (0.4)	95.3 (0.3)	82.7	(2.7)	
Cyprus*	41.6 (0.7)	44.5 (0.7)	71.1 (0.7)	97.8 (0.2)	89.5 (0.4)	96.4 (0.2)	96.7 (0.3)	56.2 (0.8)	96.4 (0.3)	94.2 (0.3)	142.9	(2.9)	
Hong Kong-China	64.5 (1.3)	49.6 (1.3)	35.3 (1.2)	92.5 (0.4)	81.9 (0.9)	98.6 (0.2)	98.8 (0.2)	45.2 (1.1)	99.3 (0.1)	90.7 (0.5)	104.4	(5.3)	
Indonesia	22.3 (1.2)	37.0 (1.2)	53.3 (1.2)	71.2 (1.1)	56.4 (1.1)	93.7 (0.5)	25.8 (1.9)	19.3 (1.5)	23.1 (1.9)	76.4 (1.1)	63.4	(2.6)	
Jordan	32.7 (0.7)	42.0 (0.8)	39.7 (0.9)	66.9 (1.0)	83.8 (0.6)	85.1 (0.8)	83.3 (0.7)	55.0 (0.9)	65.3 (0.8)	70.3 (0.8)	84.3	(2.3)	
Kazakhstan	78.6 (0.9)	74.0 (1.0)	61.9 (1.2)	92.4 (0.8)	87.8 (0.5)	89.1 (0.8)	65.8 (1.4)	54.6 (1.1)	55.1 (1.3)	90.5 (0.5)	90.1	(4.6)	
Latvia	66.3 (1.0)	66.8 (1.0)	60.7 (0.9)	97.9 (0.3)	92.0 (0.5)	92.6 (0.5)	93.1 (0.5)	68.8 (0.8)	92.9 (0.6)	85.0 (0.7)	153.7	(3.8)	
Liechtenstein	41.9 (2.7)	53.9 (2.9)	76.7 (2.4)	98.9 (0.6)	97.9 (0.8)	96.3 (1.3)	98.9 (0.6)	54.4 (2.7)	98.6 (0.7)	97.9 (0.8)	180.4	(13.1)	
Lithuania	49.1 (1.1)	53.8 (0.9)	69.2 (0.8)	98.7 (0.2)	92.3 (0.4)	90.1 (0.5)	95.8 (0.3)	59.2 (0.9)	93.8 (0.4)	88.2 (0.5)	120.4	(3.7)	
Macao-China	44.4 (0.6)	41.2 (0.6)	33.6 (0.6)	85.6 (0.5)	78.3 (0.5)	97.4 (0.2)	97.1 (0.2)	58.7 (0.6)	98.4 (0.2)	87.1 (0.5)	68.4	(1.8)	
Malaysia	21.5 (0.7)	40.9 (0.9)	47.2 (0.9)	86.2 (0.6)	66.1 (0.9)	95.9 (0.3)	68.4 (1.2)	40.4 (1.1)	62.9 (1.4)	79.9 (0.7)	102.1	(3.4)	
Montenegro	63.5 (0.7)	72.8 (0.7)	68.9 (0.6)	97.5 (0.2)	91.1 (0.4)	94.4 (0.4)	91.8 (0.4)	61.1 (0.7)	88.2 (0.4)	96.3 (0.3)	136.4	(2.7)	
Peru	73.8 (0.8)	72.6 (0.7)	45.9 (1.0)	76.2 (1.0)	79.0 (0.7)	98.5 (0.2)	52.2 (1.7)	33.8 (1.1)	41.9 (1.8)	84.6 (0.8)	47.3	(2.1)	
Qatar	43.5 (0.4)	55.5 (0.5)	63.2 (0.5)	82.4 (0.4)	89.1 (0.3)	87.3 (0.3)	92.0 (0.3)	62.8 (0.5)	92.3 (0.2)	86.9 (0.3)	130.4	(1.9)	
Romania	72.0 (1.2)	83.2 (0.9)	54.7 (1.1)	95.2 (0.4)	92.1 (0.5)	85.9 (0.8)	87.2 (0.8)	53.7 (1.2)	81.0 (1.1)	71.1 (1.1)	106.4	(5.1)	
Russian Federation	83.1 (0.8)	77.5 (0.8)	58.8 (1.1)	98.4 (0.2)	88.3 (0.4)	91.7 (0.7)	92.9 (0.7)	69.2 (0.8)	92.2 (0.8)	94.1 (0.4)	148.3	(4.5)	
Serbia	66.5 (0.9)	69.8 (0.9)	63.8 (0.9)	98.4 (0.2)	94.9 (0.3)	92.1 (0.5)	95.2 (0.4)	58.6 (1.1)	89.5 (0.6)	89.0 (0.5)	99.4	(3.7)	
Shanghai-China	81.1 (0.9)	77.0 (0.8)	56.5 (1.1)	97.6 (0.3)	91.2 (0.6)	98.9 (0.2)	83.0 (1.0)	44.2 (1.0)	85.8 (1.0)	87.5 (0.6)	109.5	(3.9)	
Singapore	38.8 (0.8)	33.3 (0.7)	46.2 (0.8)	92.1 (0.3)	79.1 (0.5)	98.1 (0.2)	94.9 (0.3)	68.6 (0.6)	97.1 (0.2)	93.4 (0.3)	127.0	(2.4)	
Chinese Taipei	52.3 (1.0)	54.4 (1.0)	44.4 (1.0)	94.3 (0.3)	80.2 (0.5)	97.0 (0.3)	90.8 (0.4)	41.6 (0.8)	96.1 (0.3)	92.6 (0.3)	154.9	(4.0)	
Thailand	41.5 (0.9)	44.0 (0.8)	66.3 (0.8)	84.9 (0.7)	73.9 (0.7)	83.8 (0.9)	63.3 (1.4)	36.8 (1.3)	49.1 (1.4)	90.3 (0.5)	62.2	(2.6)	
Tunisia	36.9 (1.3)	32.7 (1.1)	35.2 (1.1)	88.9 (0.8)	79.5 (0.9)	83.7 (0.9)	57.0 (1.6)	35.9 (1.3)	50.8 (1.5)	66.9 (1.1)	44.5	(2.1)	
United Arab Emirates	40.1 (0.7)	45.7 (0.6)	54.4 (0.8)	84.3 (0.5)	87.6 (0.4)	91.9 (0.4)	93.1 (0.3)	59.2 (0.7)	94.0 (0.4)	89.2 (0.4)	110.8	(2.2)	
Uruguay	45.8 (1.0)	47.0 (0.9)	44.7 (1.0)	83.8 (0.7)	87.4 (0.6)	98.0 (0.2)	89.0 (0.5)	41.7 (1.0)	82.7 (0.7)	91.1 (0.5)	64.8	(2.9)	
Viet Nam	50.6 (1.3)	40.8 (1.2)	45.4 (1.1)	95.6 (0.5)	83.7 (1.0)	71.0 (1.5)	39.6 (1.6)	15.0 (1.0)	29.2 (1.7)	70.3 (1.0)	56.2	(2.1)	

1. ESCS refers to the PISA index of economic, social and cultural status.

2. The variable indicating the number of books available at home has been coded as follows: 0-10 books was coded as 5 books, 11-25 books as 18 books, 26-100 books as 63 books, 101-200 books as 150.5 books, 201-500 books as 350.5 books and more than 500 books as 750.5 books.

* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932964908>



[Part 1/1]
Students' socio-economic status and mathematics performance

Table II.2.4a By national quarters of the PISA index of economic, social and cultural status; results based on students' self-reports

	PISA index of economic, social and cultural status (ESCS)										Performance in mathematics, by national quarters of this index						Increased likelihood of students in the bottom quarter of the ESCS index scoring in the bottom quarter of the mathematics performance distribution																																																																																																																																																																																																																																																																																																																																																																																																																			
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Bottom quarter		Second quarter		Third quarter				Top quarter																																																																																																																																																																																																																																																																																																																																																																																																																	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.			Mean score	S.E.																																																																																																																																																																																																																																																																																																																																																																																																																
	Ratio	S.E.																																																																																																																																																																																																																																																																																																																																																																																																																																		
OECD	Australia	0.25 (0.01)	-0.84 (0.02)	0.05 (0.02)	0.61 (0.01)	1.18 (0.01)	463 (2.2)	492 (2.0)	521 (2.9)	550 (2.6)	2.12	(0.09)	Austria	0.08 (0.02)	-0.97 (0.03)	-0.25 (0.02)	0.33 (0.03)	1.19 (0.03)	458 (4.2)	495 (4.2)	519 (3.8)	552 (4.2)	2.34	(0.16)	Belgium	0.15 (0.02)	-1.05 (0.03)	-0.19 (0.03)	0.55 (0.02)	1.27 (0.02)	460 (3.7)	497 (3.3)	536 (3.0)	575 (3.3)	2.43	(0.14)	Canada	0.41 (0.02)	-0.75 (0.02)	0.16 (0.02)	0.79 (0.02)	1.44 (0.01)	486 (2.3)	509 (2.5)	529 (2.5)	558 (2.9)	1.84	(0.08)	Chile	-0.58 (0.04)	-1.97 (0.05)	-1.02 (0.04)	-0.27 (0.05)	0.95 (0.03)	378 (4.0)	409 (3.8)	429 (3.6)	477 (5.4)	2.38	(0.17)	Czech Republic	-0.07 (0.02)	-0.98 (0.02)	-0.37 (0.02)	0.16 (0.02)	0.93 (0.02)	450 (4.4)	486 (4.6)	508 (4.3)	552 (4.0)	2.26	(0.18)	Denmark	0.43 (0.02)	-0.70 (0.03)	0.16 (0.04)	0.81 (0.03)	1.44 (0.02)	460 (3.4)	489 (3.5)	513 (2.9)	545 (3.4)	2.36	(0.15)	Estonia	0.11 (0.01)	-0.92 (0.02)	-0.23 (0.02)	0.44 (0.02)	1.16 (0.01)	496 (3.0)	508 (3.2)	523 (3.6)	559 (2.9)	1.61	(0.11)	Finland	0.36 (0.02)	-0.68 (0.02)	0.13 (0.02)	0.73 (0.02)	1.28 (0.01)	488 (3.1)	509 (2.5)	529 (3.2)	555 (2.6)	1.90	(0.10)	France	-0.04 (0.02)	-1.10 (0.02)	-0.30 (0.02)	0.29 (0.02)	0.95 (0.01)	442 (3.5)	476 (3.1)	511 (4.1)	561 (4.0)	2.56	(0.16)	Germany	0.19 (0.02)	-0.99 (0.03)	-0.16 (0.02)	0.52 (0.04)	1.42 (0.02)	467 (5.1)	502 (3.9)	540 (3.8)	569 (4.3)	2.40	(0.16)	Greece	-0.06 (0.03)	-1.34 (0.03)	-0.46 (0.03)	0.32 (0.04)	1.22 (0.02)	413 (4.0)	439 (3.9)	460 (3.5)	502 (3.7)	2.06	(0.16)	Hungary	-0.25 (0.03)	-1.46 (0.04)	-0.65 (0.03)	0.09 (0.04)	1.01 (0.03)	422 (4.8)	464 (3.6)	486 (4.6)	539 (6.6)	2.75	(0.21)	Iceland	0.78 (0.01)	-0.34 (0.02)	0.57 (0.02)	1.19 (0.02)	1.71 (0.01)	464 (2.9)	481 (3.1)	508 (3.2)	526 (3.7)	1.76	(0.11)	Ireland	0.13 (0.02)	-0.97 (0.02)	-0.19 (0.03)	0.48 (0.03)	1.20 (0.02)	462 (4.3)	489 (3.1)	512 (2.9)	545 (3.3)	2.09	(0.12)	Israel	0.17 (0.03)	-0.98 (0.04)	-0.03 (0.04)	0.58 (0.03)	1.12 (0.02)	409 (5.3)	452 (5.6)	490 (6.3)	524 (5.7)	2.49	(0.18)	Italy	-0.05 (0.01)	-1.29 (0.01)	-0.41 (0.02)	0.25 (0.02)	1.24 (0.02)	447 (2.4)	475 (2.7)	498 (2.6)	522 (2.8)	1.92	(0.08)	Japan	-0.07 (0.02)	-0.99 (0.02)	-0.35 (0.02)	0.20 (0.02)	0.85 (0.02)	500 (5.2)	528 (4.1)	551 (4.3)	575 (5.9)	1.95	(0.13)	Korea	0.01 (0.03)	-0.97 (0.03)	-0.23 (0.03)	0.33 (0.03)	0.92 (0.02)	516 (4.9)	538 (4.8)	567 (6.2)	595 (6.6)	1.77	(0.12)	Luxembourg	0.07 (0.01)	-1.42 (0.02)	-0.26 (0.02)	0.57 (0.02)	1.41 (0.01)	438 (2.9)	470 (2.7)	508 (2.5)	546 (2.7)	2.38	(0.14)	Mexico	-1.11 (0.02)	-2.66 (0.02)	-1.65 (0.02)	-0.74 (0.03)	0.61 (0.03)	385 (1.9)	407 (1.9)	417 (1.9)	447 (2.4)	1.85	(0.07)	Netherlands	0.23 (0.02)	-0.82 (0.03)	0.02 (0.03)	0.58 (0.02)	1.15 (0.02)	484 (5.3)	513 (3.8)	537 (4.8)	565 (5.1)	1.97	(0.14)	New Zealand	0.04 (0.02)	-1.05 (0.02)	-0.22 (0.03)	0.39 (0.02)	1.04 (0.02)	444 (3.2)	493 (4.0)	514 (3.9)	559 (3.6)	2.61	(0.18)	Norway	0.46 (0.02)	-0.56 (0.02)	0.27 (0.02)	0.79 (0.02)	1.35 (0.02)	459 (4.2)	479 (3.7)	504 (3.9)	522 (3.6)	1.83	(0.13)	Poland	-0.21 (0.03)	-1.22 (0.02)	-0.69 (0.02)	-0.01 (0.05)	1.08 (0.03)	473 (3.6)	501 (4.2)	526 (5.3)	571 (6.3)	2.18	(0.16)	Portugal	-0.48 (0.05)	-1.85 (0.03)	-1.06 (0.04)	-0.23 (0.07)	1.21 (0.07)	441 (4.5)	474 (5.0)	495 (4.8)	548 (5.2)	2.31	(0.14)	Slovak Republic	-0.18 (0.03)	-1.25 (0.04)	-0.57 (0.02)	0.02 (0.04)	1.06 (0.03)	416 (6.5)	473 (3.7)	496 (4.3)	545 (6.2)	2.98	(0.22)	Slovenia	0.07 (0.01)	-1.03 (0.01)	-0.31 (0.02)	0.39 (0.02)	1.22 (0.02)	458 (2.6)	486 (3.1)	511 (3.1)	552 (3.2)	2.04	(0.12)	Spain	-0.19 (0.03)	-1.50 (0.02)	-0.60 (0.03)	0.17 (0.03)	1.16 (0.03)	442 (2.8)	471 (2.4)	495 (2.8)	533 (2.5)	2.20	(0.10)	Sweden	0.28 (0.02)	-0.82 (0.02)	0.02 (0.02)	0.65 (0.02)	1.25 (0.01)	443 (2.9)	470 (4.0)	495 (3.4)	518 (3.9)	1.94	(0.11)	Switzerland	0.17 (0.02)	-1.00 (0.02)	-0.12 (0.03)	0.52 (0.03)	1.29 (0.02)	488 (4.0)	519 (4.0)	543 (3.9)	576 (4.6)	2.06	(0.13)	Turkey	-1.46 (0.04)	-2.74 (0.03)	-1.96 (0.03)	-1.21 (0.05)	0.07 (0.06)	412 (4.5)	436 (4.2)	447 (6.0)	498 (8.3)	1.82	(0.11)	United Kingdom	0.27 (0.02)	-0.78 (0.02)	0.00 (0.03)	0.61 (0.02)	1.26 (0.02)	458 (4.1)	477 (4.1)	508 (4.1)	545 (4.0)	1.86	(0.11)	United States	0.17 (0.04)	-1.14 (0.05)	-0.11 (0.04)	0.60 (0.04)	1.35 (0.04)	442 (3.9)	462 (4.6)	494 (5.4)	532 (4.6)	2.04	(0.16)	OECD average	0.00 (0.00)	-1.15 (0.00)	-0.32 (0.00)	0.34 (0.01)	1.15 (0.00)	452 (0.7)	482 (0.6)	506 (0.7)	542 (0.8)	2.15	(0.02)
	Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	-0.72 (0.04)	-2.15 (0.06)	-1.12 (0.04)	-0.33 (0.06)	0.73 (0.04)	355 (4.1)	379 (4.4)	394 (4.6)	433 (4.3)	2.09	(0.15)	Brazil	-1.17 (0.02)	-2.64 (0.02)	-1.61 (0.02)	-0.81 (0.03)	0.39 (0.04)	360 (2.0)	377 (2.1)	395 (2.9)	437 (5.2)	1.85	(0.09)	Bulgaria	-0.28 (0.04)	-1.59 (0.06)	-0.67 (0.03)	0.10 (0.04)	1.06 (0.03)	384 (5.1)	424 (4.1)	449 (6.1)	501 (5.9)	2.52	(0.19)	Colombia	-1.26 (0.04)	-2.82 (0.04)	-1.65 (0.05)	-0.83 (0.04)	0.24 (0.05)	343 (4.1)	365 (3.7)	382 (3.2)	417 (5.2)	2.07	(0.18)	Costa Rica	-0.98 (0.04)	-2.61 (0.05)	-1.41 (0.05)	-0.52 (0.06)	0.62 (0.04)	373 (4.0)	394 (3.7)	412 (3.8)	450 (5.4)	2.14	(0.18)	Croatia	-0.34 (0.02)	-1.35 (0.02)	-0.70 (0.02)	-0.14 (0.03)	0.84 (0.02)	438 (3.5)	459 (3.9)	471 (4.9)	517 (5.9)	1.78	(0.13)	Cyprus*	0.09 (0.01)	-1.06 (0.02)	-0.28 (0.01)	0.43 (0.02)	1.25 (0.02)	398 (2.5)	428 (2.5)	448 (2.8)	492 (2.8)	2.02	(0.14)	Hong Kong-China	-0.79 (0.05)	-2.00 (0.03)	-1.20 (0.05)	-0.46 (0.07)	0.50 (0.06)	532 (4.8)	554 (3.7)	567 (4.4)	600 (5.8)	1.70	(0.12)	Indonesia	-1.80 (0.05)	-3.09 (0.03)	-2.28 (0.05)	-1.54 (0.06)	-0.28 (0.10)	356 (4.3)	363 (3.9)	374 (4.5)	408 (9.7)	1.44	(0.10)	Jordan	-0.42 (0.02)	-1.77 (0.03)	-0.71 (0.03)	0.01 (0.03)	0.78 (0.02)	361 (3.0)	375 (2.9)	395 (3.9)	419 (5.8)	1.62	(0.13)	Kazakhstan	-0.32 (0.02)	-1.31 (0.02)	-0.57 (0.03)	0.02 (0.03)	0.60 (0.02)	405 (4.0)	427 (3.4)	437 (3.7)	458 (5.2)	1.80	(0.17)	Latvia	-0.26 (0.03)	-1.39 (0.03)	-0.64 (0.04)	0.10 (0.04)	0.90 (0.02)	453 (4.5)	472 (3.4)	508 (4.6)	532 (4.8)	2.05	(0.18)	Liechtenstein	0.30 (0.05)	-0.89 (0.08)	0.01 (0.05)	0.66 (0.07)	1.42 (0.06)	490 (9.6)	552 (11.7)	542 (12.0)	564 (11.5)	2.33	(0.48)	Lithuania	-0.13 (0.02)	-1.34 (0.02)	-0.48 (0.03)	0.30 (0.03)	1.00 (0.02)	439 (3.8)	465 (3.6)	491 (4.2)	522 (3.4)	2.15	(0.11)	Macao-China	-0.89 (0.01)	-1.91 (0.01)	-1.23 (0.01)	-0.68 (0.01)	1.28 (0.02)	521 (2.6)	535 (2.6)	543 (2.3)	558 (2.4)	1.36	(0.06)	Malaysia	-0.72 (0.03)	-1.99 (0.04)	-1.07 (0.03)	-0.38 (0.05)	0.54 (0.04)	388 (3.1)	406 (3.7)	425 (4.7)	465 (5.4)	1.78	(0.14)	Montenegro	-0.25 (0.01)	-1.40 (0.02)	-0.57 (0.02)	0.09 (0.02)	0.89 (0.02)	375 (2.0)	401 (2.8)	413 (2.6)	453 (2.8)	1.96	(0.10)	Peru	-1.23 (0.05)	-2.79 (0.04)	-1.68 (0.05)	-0.89 (0.06)	0.41 (0.08)	317 (3.3)	352 (3.8)	382 (5.3)	421 (7.4)	2.54	(0.17)	Qatar	0.44 (0.01)	-0.76 (0.01)	0.29 (0.01)	0.79 (0.01)	1.43 (0.01)	338 (1.8)	377 (1.8)	399 (2.1)	401 (2.2)	1.69	(0.10)	Romania	-0.47 (0.04)	-1.58 (0.05)	-0.80 (0.03)	-0.26 (0.04)	0.76 (0.05)	407 (4.5)	428 (3.9)	444 (4.0)	501 (7.8)	2.07	(0.15)	Russian Federation	-0.11 (0.02)	-1.10 (0.03)	-0.37 (0.03)	0.22 (0.03)	0.82 (0.02)	445 (4.9)	468 (4.3)	496 (3.6)	521 (5.1)	1.96	(0.16)	Serbia	-0.30 (0.02)	-1.37 (0.02)	-0.70 (0.03)	-0.05 (0.03)	0.95 (0.03)	416 (4.4)	436 (3.8)	450 (4.7)	495 (5.0)	1.74	(0.13)	Shanghai-China	-0.36 (0.04)	-1.63 (0.05)	-0.70 (0.04)	0.06 (0.04)	0.83 (0.03)	562 (6.3)	602 (4.8)	627 (3.8)	660 (5.3)	2.19	(0.15)	Singapore	-0.26 (0.01)	-1.46 (0.02)	-0.54 (0.02)	0.09 (0.02)	0.88 (0.02)	523 (2.9)	557 (3.3)	588 (3.2)	627 (2.8)	2.17	(0.12)	Chinese Taipei	-0.40 (0.02)	-1.47 (0.03)	-0.70 (0.03)	-0.11 (0.03)	0.68 (0.03)	497 (5.2)	546 (4.5)	572 (4.0)	626 (5.2)	2.46	(0.14)	Thailand	-1.35 (0.04)	-2.72 (0.03)	-1.89 (0.04)	-1.06 (0.05)	0.27 (0.07)	407 (4.7)	412 (3.0)	421 (3.9)	468 (7.1)	1.45	(0.11)	Tunisia	-1.19 (0.05)	-2.86 (0.05)	-1.59 (0.06)	-0.73 (0.05)	0.42 (0.06)	362 (3.8)	370 (4.7)	393 (4.1)	430 (8.9)	1.62	(0.15)	United Arab Emirates	0.32 (0.02)	-0.81 (0.03)	0.19 (0.02)	0.67 (0.01)	1.26 (0.01)	391 (3.2)	427 (2.4)	454 (3.6)	466 (4.2)	2.09	(0.10)	Uruguay	-0.88 (0.03)	-2.23 (0.02)	-1.40 (0.03)	-0.59 (0.04)	0.69 (0.05)	364 (3.3)	390 (3.8)	414 (4.1)	472 (5.5)	2.15	(0.14)	Viet Nam	-1.81 (0.05)	-3.08 (0.03)	-2.27 (0.03)	-1.63 (0.05)	-0.26 (0.09)	473 (6.1)	499 (4.9)	518 (5.8)	555 (8.2)	1.99	(0.16)																																							

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 1/3]

Change between 2003 and 2012 in students' socio-economic status and mathematics performance


Table II.2.4b

By national quarters of the PISA index of economic, social and cultural status; results based on students' self-reports

		PISA 2003														Increased likelihood of students in the bottom quarter of the ESCS index scoring in the bottom quarter of the mathematics performance distribution					
		PISA index of economic, social and cultural status (ESCS)					Performance in mathematics, by national quarters of this index														
		All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Bottom quarter		Second quarter				Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.			Mean score	S.E.	Mean score	S.E.
OECD	Australia	-0.04 (0.02)		-1.09 (0.02)		-0.28 (0.02)		0.36 (0.02)		1.17 (0.02)		479 (4.0)		511 (2.8)		573 (2.9)		2.16	(0.11)		
	Austria	-0.26 (0.03)		-1.31 (0.03)		-0.59 (0.03)		-0.03 (0.03)		0.89 (0.03)		465 (4.7)		490 (3.9)		519 (4.5)		2.10	(0.14)		
	Belgium	-0.03 (0.02)		-1.33 (0.02)		-0.40 (0.03)		0.36 (0.03)		1.26 (0.02)		465 (4.6)		515 (3.9)		553 (3.7)		598 (2.9)		2.93	(0.17)
	Canada	0.21 (0.02)		-0.99 (0.02)		-0.13 (0.02)		0.57 (0.02)		1.41 (0.02)		502 (2.2)		524 (2.2)		545 (2.7)		573 (3.0)		1.90	(0.08)
	Czech Republic	-0.05 (0.02)		-1.14 (0.02)		-0.39 (0.03)		0.21 (0.03)		1.10 (0.03)		468 (4.2)		508 (4.3)		539 (4.0)		574 (4.6)		2.63	(0.18)
	Denmark	0.08 (0.03)		-1.18 (0.03)		-0.27 (0.04)		0.42 (0.04)		1.34 (0.04)		466 (4.0)		502 (4.0)		527 (3.2)		564 (4.6)		2.34	(0.17)
	Finland	-0.06 (0.02)		-1.20 (0.02)		-0.30 (0.02)		0.43 (0.03)		1.30 (0.02)		510 (3.1)		535 (2.7)		553 (3.0)		579 (3.0)		1.99	(0.14)
	France	-0.32 (0.03)		-1.53 (0.03)		-0.66 (0.03)		-0.01 (0.04)		0.93 (0.04)		461 (4.9)		495 (4.2)		526 (3.5)		565 (3.7)		2.34	(0.14)
	Germany	0.01 (0.03)		-1.34 (0.03)		-0.36 (0.03)		0.31 (0.03)		1.43 (0.03)		448 (4.5)		495 (5.9)		531 (4.0)		571 (4.2)		3.10	(0.24)
	Greece	-0.30 (0.05)		-1.57 (0.03)		-0.72 (0.04)		-0.03 (0.07)		1.11 (0.07)		402 (4.5)		430 (4.6)		452 (5.8)		497 (6.4)		2.03	(0.16)
	Hungary	-0.31 (0.02)		-1.45 (0.02)		-0.72 (0.02)		-0.08 (0.03)		1.01 (0.03)		427 (4.5)		475 (3.8)		505 (4.4)		553 (4.7)		2.90	(0.19)
	Iceland	0.55 (0.02)		-0.68 (0.02)		0.26 (0.02)		0.92 (0.02)		1.69 (0.02)		485 (3.0)		510 (3.0)		521 (3.5)		546 (2.6)		1.79	(0.12)
	Ireland	-0.26 (0.03)		-1.43 (0.03)		-0.61 (0.03)		0.03 (0.04)		0.96 (0.04)		457 (4.2)		490 (3.7)		519 (3.2)		544 (4.1)		2.37	(0.17)
	Italy	-0.29 (0.03)		-1.63 (0.02)		-0.71 (0.03)		0.04 (0.03)		1.16 (0.04)		420 (5.0)		456 (4.1)		482 (3.6)		505 (4.1)		2.11	(0.13)
	Japan	-0.42 (0.02)		-1.42 (0.03)		-0.72 (0.03)		-0.18 (0.03)		0.63 (0.03)		487 (6.1)		524 (5.7)		547 (4.4)		579 (6.6)		2.13	(0.14)
	Korea	-0.36 (0.03)		-1.55 (0.03)		-0.68 (0.02)		-0.08 (0.03)		0.85 (0.05)		496 (4.3)		534 (4.2)		552 (4.1)		586 (6.8)		2.10	(0.14)
	Luxembourg	-0.09 (0.01)		-1.55 (0.02)		-0.37 (0.02)		0.33 (0.02)		1.23 (0.02)		446 (2.5)		475 (3.0)		507 (2.9)		545 (2.8)		2.22	(0.17)
	Mexico	-1.32 (0.05)		-2.72 (0.03)		-1.89 (0.05)		-1.01 (0.08)		0.34 (0.06)		341 (5.0)		373 (3.9)		395 (6.1)		433 (5.7)		2.33	(0.22)
	Netherlands	-0.08 (0.03)		-1.32 (0.03)		-0.44 (0.03)		0.27 (0.03)		1.15 (0.02)		497 (5.2)		530 (4.6)		548 (3.6)		596 (4.3)		2.30	(0.20)
	New Zealand	-0.13 (0.02)		-1.31 (0.03)		-0.40 (0.02)		0.21 (0.02)		1.07 (0.02)		472 (3.8)		511 (3.2)		538 (3.7)		575 (3.4)		2.32	(0.14)
	Norway	0.19 (0.02)		-0.85 (0.02)		-0.07 (0.02)		0.50 (0.02)		1.17 (0.02)		451 (3.4)		488 (4.0)		505 (4.0)		538 (3.5)		2.02	(0.14)
Poland	-0.41 (0.02)		-1.46 (0.02)		-0.82 (0.02)		-0.22 (0.03)		0.87 (0.03)		444 (4.4)		475 (2.9)		503 (3.7)		540 (3.3)		2.22	(0.14)	
Portugal	-0.91 (0.05)		-2.46 (0.03)		-1.57 (0.05)		-0.58 (0.06)		0.99 (0.07)		423 (4.4)		453 (4.4)		469 (4.3)		521 (4.7)		2.19	(0.16)	
Slovak Republic	-0.25 (0.03)		-1.37 (0.04)		-0.64 (0.03)		0.00 (0.03)		1.02 (0.03)		436 (6.1)		484 (4.2)		517 (3.7)		555 (4.4)		2.93	(0.19)	
Spain	-0.51 (0.04)		-1.95 (0.03)		-0.97 (0.05)		-0.16 (0.06)		1.04 (0.05)		448 (3.3)		472 (3.5)		494 (5.0)		528 (3.0)		1.98	(0.13)	
Sweden	0.08 (0.03)		-1.20 (0.03)		-0.24 (0.03)		0.46 (0.03)		1.32 (0.03)		468 (4.0)		493 (4.2)		519 (3.4)		557 (4.2)		1.94	(0.10)	
Switzerland	-0.23 (0.03)		-1.51 (0.03)		-0.58 (0.03)		0.08 (0.04)		1.11 (0.04)		469 (3.7)		518 (4.6)		540 (4.2)		579 (5.7)		2.51	(0.14)	
Turkey	-1.15 (0.06)		-2.34 (0.04)		-1.62 (0.05)		-0.95 (0.07)		0.31 (0.11)		374 (4.8)		395 (6.8)		429 (7.9)		496 (15.8)		2.00	(0.20)	
United States	0.05 (0.03)		-1.22 (0.04)		-0.28 (0.03)		0.40 (0.03)		1.30 (0.03)		431 (3.7)		465 (3.7)		495 (4.8)		542 (3.9)		2.42	(0.14)	
OECD average 2003	-0.22 (0.01)		-1.45 (0.01)		-0.59 (0.01)		0.09 (0.01)		1.07 (0.01)		453 (0.8)		487 (0.8)		513 (0.8)		551 (1.0)		2.29	(0.03)	
Partners	Brazil	-1.56 (0.05)		-3.10 (0.04)		-2.08 (0.06)		-1.14 (0.05)		0.07 (0.06)		317 (5.9)		344 (6.3)		349 (5.9)		417 (9.2)		1.72	(0.16)
	Hong Kong-China	-1.27 (0.04)		-2.39 (0.03)		-1.64 (0.03)		-1.07 (0.04)		0.02 (0.06)		513 (5.8)		545 (4.8)		558 (7.9)		586 (5.3)		1.93	(0.17)
	Indonesia	-1.86 (0.04)		-3.08 (0.03)		-2.29 (0.04)		-1.58 (0.04)		-0.51 (0.05)		341 (3.9)		350 (3.5)		355 (4.9)		395 (7.3)		1.28	(0.10)
	Latvia	-0.34 (0.03)		-1.43 (0.03)		-0.69 (0.03)		-0.06 (0.04)		0.80 (0.03)		446 (4.5)		472 (4.2)		494 (5.0)		522 (5.2)		2.03	(0.14)
	Liechtenstein	-0.31 (0.04)		-1.57 (0.06)		-0.66 (0.06)		-0.01 (0.06)		1.00 (0.07)		478 (10.5)		521 (10.7)		542 (10.2)		603 (9.7)		2.65	(0.47)
	Macao-China	-1.60 (0.03)		-2.72 (0.04)		-1.93 (0.03)		-1.36 (0.03)		-0.39 (0.04)		514 (6.4)		523 (7.7)		530 (6.8)		542 (5.7)		1.22	(0.15)
	Russian Federation	-0.61 (0.03)		-1.78 (0.03)		-1.03 (0.03)		-0.28 (0.05)		0.67 (0.03)		433 (4.7)		455 (5.4)		474 (5.5)		510 (4.7)		1.83	(0.12)
	Thailand	-1.86 (0.04)		-3.17 (0.04)		-2.45 (0.03)		-1.71 (0.05)		-0.13 (0.06)		397 (3.5)		399 (3.6)		410 (4.1)		463 (6.4)		1.30	(0.09)
	Tunisia	-1.69 (0.04)		-3.10 (0.03)		-2.24 (0.04)		-1.40 (0.05)		-0.01 (0.07)		332 (3.0)		343 (2.8)		358 (3.3)		403 (7.3)		1.54	(0.13)
	Uruguay	-0.76 (0.04)		-2.24 (0.03)		-1.21 (0.04)		-0.35 (0.04)		0.75 (0.04)		379 (5.1)		402 (4.0)		425 (5.3)		483 (5.2)		1.93	(0.15)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the PISA index of economic, social and cultural status have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).
StatLink  <http://dx.doi.org/10.1787/888932964908>




[Part 2/3]

Change between 2003 and 2012 in students' socio-economic status and mathematics performanceTable II.2.4b *By national quarters of the PISA index of economic, social and cultural status; results based on students' self-reports*

		PISA 2012																			
		PISA index of economic, social and cultural status (ESCS)										Performance in mathematics, by national quarters of this index				Increased likelihood of students in the bottom quarter of the ESCS index scoring in the bottom quarter of the mathematics performance distribution					
		All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Bottom quarter		Second quarter				Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.			Mean score	S.E.	Mean score	S.E.
OECD	Australia	0.25 (0.01)	-0.84 (0.02)	0.05 (0.02)	0.61 (0.01)	1.18 (0.01)	463 (2.2)	492 (2.0)	521 (2.9)	550 (2.5)	2.14	0.09									
	Austria	0.08 (0.02)	-0.97 (0.03)	-0.25 (0.02)	0.33 (0.03)	1.19 (0.03)	458 (4.2)	495 (4.2)	519 (3.8)	552 (4.1)	2.36	0.16									
	Belgium	0.15 (0.02)	-1.05 (0.03)	-0.19 (0.03)	0.55 (0.02)	1.27 (0.02)	460 (3.6)	497 (3.3)	536 (3.0)	575 (3.3)	2.43	0.15									
	Canada	0.41 (0.02)	-0.75 (0.02)	0.16 (0.02)	0.79 (0.02)	1.44 (0.01)	486 (2.4)	509 (2.4)	529 (2.5)	558 (2.9)	1.86	0.08									
	Czech Republic	-0.07 (0.02)	-0.98 (0.02)	-0.37 (0.02)	0.16 (0.02)	0.93 (0.02)	450 (4.3)	486 (4.4)	508 (4.3)	552 (4.0)	2.27	0.18									
	Denmark	0.43 (0.02)	-0.70 (0.03)	0.16 (0.04)	0.81 (0.03)	1.44 (0.02)	460 (3.5)	489 (3.5)	513 (3.0)	545 (3.4)	2.39	0.16									
	Finland	0.36 (0.02)	-0.68 (0.02)	0.13 (0.02)	0.73 (0.02)	1.28 (0.01)	488 (3.1)	509 (2.5)	529 (3.2)	555 (2.6)	1.89	0.10									
	France	-0.04 (0.02)	-1.10 (0.02)	-0.30 (0.02)	0.29 (0.02)	0.95 (0.01)	442 (3.5)	476 (3.2)	511 (4.1)	561 (3.9)	2.57	0.16									
	Germany	0.19 (0.02)	-0.99 (0.03)	-0.16 (0.03)	0.52 (0.04)	1.42 (0.02)	467 (5.1)	503 (3.9)	540 (3.8)	569 (4.3)	2.41	0.17									
	Greece	-0.06 (0.03)	-1.34 (0.03)	-0.46 (0.03)	0.32 (0.04)	1.22 (0.02)	413 (3.9)	439 (4.0)	459 (3.4)	502 (3.7)	2.05	0.17									
	Hungary	-0.25 (0.03)	-1.46 (0.04)	-0.65 (0.03)	0.09 (0.04)	1.01 (0.03)	422 (4.8)	464 (3.7)	487 (4.6)	539 (6.6)	2.74	0.21									
	Iceland	0.78 (0.01)	-0.34 (0.02)	0.57 (0.02)	1.19 (0.02)	1.71 (0.01)	464 (3.0)	481 (3.2)	508 (3.3)	526 (3.7)	1.75	0.11									
	Ireland	0.13 (0.02)	-0.97 (0.02)	-0.19 (0.03)	0.48 (0.03)	1.20 (0.02)	462 (4.4)	489 (3.2)	513 (2.9)	545 (3.3)	2.11	0.12									
	Italy	-0.05 (0.01)	-1.29 (0.01)	-0.41 (0.02)	0.25 (0.02)	1.24 (0.02)	447 (2.4)	475 (2.7)	498 (2.6)	522 (2.8)	1.91	0.08									
	Japan	-0.07 (0.02)	-0.99 (0.02)	-0.35 (0.02)	0.20 (0.02)	0.85 (0.02)	500 (5.2)	528 (4.1)	551 (4.3)	575 (5.9)	1.97	0.13									
	Korea	0.01 (0.03)	-0.97 (0.03)	-0.23 (0.03)	0.33 (0.03)	0.92 (0.02)	516 (4.9)	538 (4.8)	567 (6.2)	595 (6.6)	1.76	0.11									
	Luxembourg	0.07 (0.01)	-1.42 (0.02)	-0.26 (0.02)	0.57 (0.02)	1.41 (0.01)	439 (2.9)	470 (2.7)	508 (2.6)	547 (2.7)	2.38	0.13									
	Mexico	-1.11 (0.02)	-2.66 (0.02)	-1.65 (0.03)	-0.74 (0.03)	0.61 (0.03)	385 (1.9)	407 (1.9)	417 (1.9)	447 (2.4)	1.84	0.07									
	Netherlands	0.23 (0.02)	-0.82 (0.03)	0.02 (0.03)	0.58 (0.02)	1.15 (0.02)	484 (5.2)	513 (3.7)	537 (4.9)	565 (5.1)	2.02	0.15									
	New Zealand	0.04 (0.02)	-1.05 (0.02)	-0.22 (0.03)	0.39 (0.02)	1.04 (0.02)	445 (3.2)	493 (3.9)	514 (4.0)	559 (3.6)	2.64	0.19									
Norway	0.46 (0.02)	-0.56 (0.02)	0.27 (0.02)	0.79 (0.02)	1.35 (0.02)	459 (4.2)	479 (3.7)	504 (3.9)	522 (3.7)	1.83	0.13										
Poland	-0.21 (0.03)	-1.22 (0.02)	-0.69 (0.02)	-0.01 (0.05)	1.08 (0.03)	473 (3.6)	501 (4.1)	526 (5.2)	571 (6.3)	2.17	0.16										
Portugal	-0.48 (0.05)	-1.85 (0.03)	-1.06 (0.04)	-0.23 (0.07)	1.21 (0.07)	441 (4.5)	474 (4.9)	495 (4.8)	548 (5.2)	2.34	0.15										
Slovak Republic	-0.18 (0.03)	-1.25 (0.04)	-0.57 (0.02)	0.02 (0.04)	1.06 (0.03)	416 (6.5)	473 (3.7)	496 (4.4)	545 (6.2)	2.99	0.23										
Spain	-0.19 (0.03)	-1.50 (0.02)	-0.60 (0.03)	0.17 (0.03)	1.16 (0.03)	442 (2.8)	471 (2.4)	495 (2.8)	533 (2.5)	2.19	0.10										
Sweden	0.28 (0.02)	-0.82 (0.02)	0.02 (0.02)	0.65 (0.02)	1.25 (0.01)	443 (2.9)	470 (3.9)	495 (3.5)	518 (3.9)	1.95	0.12										
Switzerland	0.17 (0.02)	-1.00 (0.02)	-0.12 (0.03)	0.52 (0.03)	1.29 (0.02)	488 (4.0)	519 (4.1)	543 (3.9)	576 (4.6)	2.06	0.13										
Turkey	-1.46 (0.04)	-2.74 (0.03)	-1.96 (0.03)	-1.21 (0.05)	0.07 (0.06)	412 (4.5)	435 (4.2)	447 (5.9)	498 (8.3)	1.83	0.12										
United States	0.17 (0.04)	-1.14 (0.05)	-0.11 (0.04)	0.60 (0.04)	1.35 (0.03)	442 (3.9)	462 (4.6)	493 (5.4)	532 (4.8)	2.06	0.17										
OECD average 2003	0.00 (0.00)	-1.15 (0.00)	-0.33 (0.01)	0.34 (0.01)	1.15 (0.01)	454 (0.7)	484 (0.7)	509 (0.7)	544 (0.8)	2.17	0.03										
Partners	Brazil	-1.17 (0.02)	-2.64 (0.02)	-1.61 (0.02)	-0.81 (0.03)	0.39 (0.04)	360 (2.0)	377 (2.1)	395 (2.9)	437 (5.3)	1.84	0.09									
	Hong Kong-China	-0.79 (0.05)	-2.00 (0.03)	-1.20 (0.05)	-0.46 (0.07)	0.50 (0.06)	532 (4.8)	554 (3.8)	567 (4.4)	599 (5.8)	1.71	0.12									
	Indonesia	-1.80 (0.05)	-3.09 (0.03)	-2.28 (0.05)	-1.54 (0.06)	-0.28 (0.10)	356 (4.3)	363 (3.9)	374 (4.5)	408 (9.8)	1.43	0.09									
	Latvia	-0.26 (0.03)	-1.39 (0.03)	-0.64 (0.04)	0.11 (0.04)	0.90 (0.02)	453 (4.5)	472 (3.5)	507 (4.6)	532 (4.8)	2.06	0.17									
	Liechtenstein	0.30 (0.05)	-0.89 (0.08)	0.01 (0.06)	0.66 (0.07)	1.42 (0.06)	490 (9.6)	552 (11.2)	544 (12.3)	561 (11.7)	2.32	0.45									
	Macao-China	-0.89 (0.01)	-1.91 (0.01)	-1.23 (0.01)	-0.68 (0.01)	0.28 (0.02)	521 (2.6)	535 (2.6)	543 (2.3)	558 (2.4)	1.36	0.06									
	Russian Federation	-0.11 (0.02)	-1.10 (0.03)	-0.37 (0.03)	0.22 (0.03)	0.82 (0.02)	445 (4.8)	468 (4.3)	496 (3.6)	521 (5.1)	1.95	0.16									
	Thailand	-1.35 (0.04)	-2.72 (0.03)	-1.89 (0.04)	-1.06 (0.05)	0.27 (0.07)	407 (4.7)	412 (3.0)	421 (3.9)	468 (7.1)	1.43	0.12									
	Tunisia	-1.19 (0.05)	-2.86 (0.05)	-1.59 (0.06)	-0.73 (0.05)	0.42 (0.06)	362 (3.8)	370 (4.8)	393 (4.1)	430 (8.8)	1.61	0.15									
	Uruguay	-0.88 (0.03)	-2.23 (0.02)	-1.40 (0.03)	-0.59 (0.04)	0.69 (0.05)	364 (3.3)	390 (3.7)	414 (4.1)	472 (5.5)	2.15	0.14									

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the PISA index of economic, social and cultural status have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).StatLink  <http://dx.doi.org/10.1787/888932964908>

[Part 3/3]

Change between 2003 and 2012 in students' socio-economic status and mathematics performance


Table II.2.4b

By national quarters of the PISA index of economic, social and cultural status; results based on students' self-reports

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)																			
		PISA index of economic, social and cultural status (ESCS)										Performance in mathematics, by national quarters of this index						Increased likelihood of students in the bottom quarter of the ESCS index scoring in the bottom quarter of the mathematics performance distribution			
		All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Bottom quarter		Second quarter		Third quarter				Top quarter	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.			Score dif.	S.E.
OECD	Australia	0.21 (0.02)	0.25 (0.03)	0.32 (0.03)	0.25 (0.03)	0.00 (0.02)	-17 (4.6)	-19 (3.5)	-13 (4.5)	-24 (3.8)	-0.02 (0.14)										
	Austria	0.34 (0.04)	0.34 (0.04)	0.34 (0.04)	0.36 (0.04)	0.30 (0.04)	-7 (6.3)	6 (5.7)	1 (5.9)	-4 (5.9)	0.26 (0.21)										
	Belgium	0.17 (0.03)	0.28 (0.04)	0.21 (0.04)	0.19 (0.04)	0.01 (0.03)	-5 (5.9)	-18 (5.1)	-18 (4.8)	-23 (4.4)	-0.50 (0.22)										
	Canada	0.20 (0.02)	0.24 (0.03)	0.29 (0.03)	0.23 (0.03)	0.03 (0.02)	-15 (3.2)	-15 (3.3)	-16 (3.7)	-15 (4.1)	-0.04 (0.11)										
	Czech Republic	-0.01 (0.03)	0.16 (0.03)	0.02 (0.03)	-0.05 (0.04)	-0.17 (0.03)	-18 (6.0)	-22 (6.1)	-31 (5.9)	-22 (6.1)	-0.37 (0.26)										
	Denmark	0.35 (0.04)	0.47 (0.04)	0.43 (0.05)	0.39 (0.05)	0.09 (0.04)	-6 (5.3)	-13 (5.3)	-13 (4.4)	-20 (5.7)	0.05 (0.23)										
	Finland	0.31 (0.03)	0.52 (0.03)	0.43 (0.03)	0.29 (0.03)	-0.01 (0.02)	-22 (4.4)	-26 (3.7)	-24 (4.4)	-24 (4.0)	-0.10 (0.17)										
	France	0.28 (0.03)	0.43 (0.04)	0.36 (0.04)	0.31 (0.04)	0.02 (0.04)	-19 (6.0)	-19 (5.3)	-15 (5.4)	-5 (5.4)	0.22 (0.21)										
	Germany	0.19 (0.04)	0.35 (0.04)	0.20 (0.04)	0.21 (0.05)	-0.01 (0.04)	19 (6.8)	8 (7.1)	9 (5.5)	-3 (6.0)	-0.69 (0.29)										
	Greece	0.24 (0.06)	0.23 (0.05)	0.25 (0.05)	0.35 (0.08)	0.12 (0.08)	11 (6.0)	10 (6.0)	8 (6.7)	5 (7.4)	0.02 (0.23)										
	Hungary	0.06 (0.04)	-0.01 (0.04)	0.07 (0.04)	0.17 (0.05)	0.01 (0.04)	-5 (6.5)	-11 (5.4)	-19 (6.4)	-14 (8.1)	-0.16 (0.28)										
	Iceland	0.23 (0.02)	0.34 (0.03)	0.30 (0.03)	0.26 (0.03)	0.02 (0.02)	-21 (4.2)	-29 (4.4)	-13 (4.8)	-20 (4.5)	-0.03 (0.17)										
	Ireland	0.39 (0.04)	0.45 (0.04)	0.41 (0.04)	0.45 (0.05)	0.23 (0.05)	5 (6.1)	-1 (4.9)	-6 (4.3)	1 (5.3)	-0.26 (0.21)										
	Italy	0.23 (0.03)	0.34 (0.02)	0.30 (0.03)	0.21 (0.03)	0.08 (0.04)	27 (5.5)	20 (4.9)	16 (4.4)	17 (5.0)	-0.20 (0.15)										
	Japan	0.35 (0.03)	0.43 (0.03)	0.37 (0.03)	0.38 (0.03)	0.22 (0.03)	12 (8.0)	4 (7.0)	4 (6.1)	-4 (8.9)	-0.16 (0.19)										
	Korea	0.38 (0.04)	0.58 (0.04)	0.45 (0.04)	0.40 (0.05)	0.07 (0.05)	19 (6.5)	4 (6.4)	14 (7.4)	9 (9.5)	-0.34 (0.18)										
	Luxembourg	0.16 (0.02)	0.13 (0.03)	0.11 (0.03)	0.24 (0.02)	0.18 (0.02)	-7 (3.8)	-5 (4.1)	1 (3.9)	1 (3.8)	0.16 (0.21)										
	Mexico	0.21 (0.06)	0.06 (0.04)	0.24 (0.05)	0.27 (0.08)	0.28 (0.07)	44 (5.4)	34 (4.3)	21 (6.4)	13 (6.2)	-0.50 (0.23)										
	Netherlands	0.32 (0.03)	0.51 (0.04)	0.46 (0.04)	0.31 (0.04)	0.00 (0.03)	-14 (7.4)	-17 (5.9)	-11 (6.1)	-32 (6.6)	-0.28 (0.25)										
	New Zealand	0.17 (0.03)	0.27 (0.04)	0.17 (0.03)	0.18 (0.03)	0.07 (0.03)	-28 (5.0)	-19 (5.1)	-24 (5.5)	-16 (5.0)	0.32 (0.24)										
	Norway	0.28 (0.03)	0.29 (0.03)	0.34 (0.03)	0.29 (0.03)	0.18 (0.03)	8 (5.4)	-9 (5.4)	-1 (5.6)	-16 (5.1)	-0.19 (0.19)										
Poland	0.20 (0.04)	0.24 (0.03)	0.13 (0.03)	0.21 (0.06)	0.21 (0.05)	29 (5.7)	26 (5.0)	23 (6.4)	31 (7.1)	-0.05 (0.21)											
Portugal	0.42 (0.07)	0.60 (0.04)	0.51 (0.06)	0.35 (0.10)	0.23 (0.10)	18 (6.3)	21 (6.6)	26 (6.5)	27 (7.1)	0.15 (0.22)											
Slovak Republic	0.06 (0.04)	0.12 (0.06)	0.07 (0.04)	0.02 (0.05)	0.04 (0.05)	-21 (8.9)	-10 (5.6)	-22 (5.7)	-11 (7.6)	0.06 (0.29)											
Spain	0.32 (0.05)	0.46 (0.03)	0.37 (0.06)	0.34 (0.07)	0.13 (0.06)	-5 (4.3)	-1 (4.2)	2 (5.8)	5 (3.8)	0.21 (0.17)											
Sweden	0.19 (0.03)	0.38 (0.04)	0.26 (0.04)	0.19 (0.04)	-0.07 (0.03)	-25 (5.0)	-24 (5.7)	-24 (4.9)	-40 (5.7)	0.01 (0.15)											
Switzerland	0.40 (0.04)	0.51 (0.04)	0.46 (0.04)	0.45 (0.05)	0.18 (0.05)	19 (5.5)	1 (6.1)	4 (5.7)	-3 (7.3)	-0.44 (0.19)											
Turkey	-0.31 (0.07)	-0.40 (0.04)	-0.33 (0.06)	-0.26 (0.09)	-0.23 (0.12)	38 (6.6)	41 (7.9)	18 (9.9)	2 (17.8)	-0.18 (0.24)											
United States	0.12 (0.05)	0.08 (0.06)	0.17 (0.05)	0.20 (0.06)	0.04 (0.05)	11 (5.4)	-3 (5.9)	-2 (7.2)	-9 (6.1)	-0.36 (0.22)											
OECD average 2003	0.22 (0.01)	0.30 (0.01)	0.27 (0.01)	0.25 (0.01)	0.08 (0.01)	1 (1.1)	-3 (1.0)	-4 (1.1)	-7 (1.3)	-0.12 (0.04)											
Partners	Brazil	0.39 (0.05)	0.46 (0.04)	0.47 (0.06)	0.33 (0.06)	0.32 (0.07)	43 (6.2)	33 (6.6)	45 (6.6)	20 (10.6)	0.11 (0.18)										
	Hong Kong-China	0.48 (0.06)	0.39 (0.04)	0.44 (0.05)	0.61 (0.09)	0.49 (0.09)	19 (7.5)	9 (6.1)	9 (9.1)	13 (7.9)	-0.22 (0.21)										
	Indonesia	0.06 (0.06)	-0.02 (0.04)	0.00 (0.06)	0.04 (0.08)	0.23 (0.11)	15 (5.8)	13 (5.2)	19 (6.7)	14 (12.2)	0.14 (0.14)										
	Latvia	0.09 (0.04)	0.05 (0.04)	0.04 (0.05)	0.16 (0.05)	0.10 (0.04)	7 (6.3)	0 (5.5)	14 (6.8)	9 (7.0)	0.03 (0.22)										
	Liechtenstein	0.61 (0.07)	0.68 (0.10)	0.68 (0.08)	0.67 (0.09)	0.42 (0.09)	12 (14.2)	31 (15.5)	3 (16.0)	-42 (15.2)	-0.34 (0.65)										
	Macao-China	0.71 (0.03)	0.81 (0.04)	0.70 (0.03)	0.68 (0.03)	0.67 (0.05)	7 (6.9)	12 (8.1)	13 (7.2)	16 (6.2)	0.15 (0.16)										
	Russian Federation	0.50 (0.04)	0.69 (0.04)	0.66 (0.04)	0.50 (0.06)	0.15 (0.04)	11 (6.7)	13 (6.9)	22 (6.5)	11 (6.9)	0.13 (0.20)										
	Thailand	0.52 (0.06)	0.46 (0.05)	0.56 (0.05)	0.65 (0.07)	0.40 (0.09)	10 (5.9)	13 (4.7)	12 (5.6)	5 (9.6)	0.13 (0.15)										
	Tunisia	0.50 (0.06)	0.24 (0.06)	0.65 (0.07)	0.67 (0.08)	0.43 (0.09)	31 (4.8)	27 (5.5)	35 (5.2)	27 (11.5)	0.07 (0.20)										
	Uruguay	-0.12 (0.05)	0.00 (0.04)	-0.19 (0.05)	-0.24 (0.06)	-0.07 (0.06)	-15 (6.1)	-12 (5.4)	-11 (6.7)	-11 (7.6)	0.21 (0.20)										

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the PISA index of economic, social and cultural status have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).StatLink  <http://dx.doi.org/10.1787/888932964908>




[Part 3/4]

Performance and selected elements of socio-economic status across countriesTable II.2.5 *Results based on students' self-reports*

	Cultural possessions: Books of poetry													
	Percentage of students who reported that they have books of poetry at home		Mean performance of students who reported that they have books of poetry at home and of those who do not				Difference in performance between students who reported that they have books of poetry at home and those who do not		Increased likelihood of students without poetry books at home scoring in the bottom quarter of the mathematics performance distribution		Population relevance of students without poetry books at home scoring in the bottom quarter of the mathematics performance distribution		Effect size on mathematics performance for students without poetry books at home	
			Yes		No		Score dif.	S.E.	Ratio	S.E.	%	S.E.	Effect size	S.E.
			Mean score	S.E.	Mean score	S.E.								
%	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.	Effect size	S.E.	
OECD														
Australia	35.8	(0.5)	525	(2.4)	498	(1.6)	27	(2.4)	1.36	0.07	18.8	(2.9)	-0.3	(0.0)
Austria	56.5	(1.0)	520	(2.8)	492	(3.4)	28	(3.5)	1.47	0.10	17.0	(3.2)	-0.3	(0.0)
Belgium	31.8	(0.7)	546	(3.1)	506	(2.2)	40	(3.2)	1.71	0.12	32.6	(3.6)	-0.4	(0.0)
Canada	34.0	(0.6)	534	(2.5)	514	(1.8)	20	(2.0)	1.38	0.06	20.0	(2.7)	-0.2	(0.0)
Chile	53.9	(0.8)	426	(3.1)	420	(3.5)	6	(2.3)	1.05	0.07	2.2	(2.9)	-0.1	(0.0)
Czech Republic	43.5	(1.1)	526	(3.2)	482	(3.2)	44	(4.0)	1.84	0.16	32.1	(4.2)	-0.5	(0.0)
Denmark	29.7	(0.9)	527	(2.9)	491	(2.4)	36	(3.2)	1.83	0.16	36.7	(4.6)	-0.5	(0.0)
Estonia	72.0	(0.9)	529	(2.2)	502	(2.7)	27	(2.7)	1.50	0.11	12.4	(2.3)	-0.3	(0.0)
Finland	51.6	(0.8)	537	(2.1)	505	(2.1)	32	(2.3)	1.68	0.10	24.8	(2.8)	-0.4	(0.0)
France	42.2	(1.0)	532	(3.2)	472	(2.8)	60	(3.7)	2.42	0.25	45.0	(4.0)	-0.6	(0.0)
Germany	57.8	(0.8)	532	(3.4)	506	(3.7)	26	(3.8)	1.45	0.11	16.1	(3.2)	-0.3	(0.0)
Greece	44.6	(1.1)	469	(2.9)	444	(2.7)	24	(3.2)	1.38	0.09	17.5	(3.5)	-0.3	(0.0)
Hungary	66.4	(1.0)	501	(3.9)	437	(3.5)	63	(4.7)	2.53	0.21	33.9	(3.3)	-0.7	(0.0)
Iceland	72.0	(0.6)	506	(2.1)	466	(2.8)	40	(3.5)	1.69	0.10	16.2	(2.0)	-0.4	(0.0)
Ireland	35.6	(0.9)	519	(2.5)	497	(2.5)	22	(2.9)	1.44	0.10	22.0	(3.8)	-0.3	(0.0)
Israel	52.2	(1.1)	478	(5.4)	463	(4.5)	15	(4.6)	1.13	0.09	5.6	(3.6)	-0.1	(0.0)
Italy	56.9	(0.6)	499	(2.2)	469	(2.1)	30	(1.9)	1.56	0.06	19.4	(1.6)	-0.3	(0.0)
Japan	25.8	(0.8)	563	(4.7)	529	(3.6)	34	(4.3)	1.69	0.15	33.7	(4.8)	-0.4	(0.0)
Korea	63.1	(1.1)	572	(4.8)	529	(4.3)	42	(3.6)	1.75	0.11	21.7	(2.4)	-0.4	(0.0)
Luxembourg	52.1	(0.6)	509	(1.6)	472	(1.6)	37	(2.4)	1.57	0.07	21.5	(2.1)	-0.4	(0.0)
Mexico	44.6	(0.5)	418	(1.7)	413	(1.3)	6	(1.4)	1.05	0.04	2.4	(2.1)	-0.1	(0.0)
Netherlands	28.3	(1.2)	544	(5.8)	520	(2.9)	24	(4.9)	1.34	0.13	19.7	(6.1)	-0.3	(0.1)
New Zealand	37.3	(0.9)	516	(3.4)	493	(2.5)	23	(3.7)	1.35	0.09	17.9	(3.6)	-0.2	(0.0)
Norway	45.0	(1.2)	514	(2.9)	476	(3.1)	38	(3.0)	1.90	0.15	33.1	(3.6)	-0.4	(0.0)
Poland	47.4	(1.1)	539	(4.3)	499	(3.3)	40	(3.2)	1.80	0.14	29.5	(3.8)	-0.5	(0.0)
Portugal	50.1	(1.3)	510	(3.9)	470	(4.2)	40	(4.2)	1.72	0.14	26.3	(3.8)	-0.4	(0.0)
Slovak Republic	60.6	(1.1)	503	(3.6)	455	(3.9)	49	(3.8)	2.05	0.15	29.2	(2.7)	-0.5	(0.0)
Slovenia	60.5	(0.7)	521	(2.1)	475	(2.2)	46	(3.5)	1.86	0.14	25.4	(3.0)	-0.5	(0.0)
Spain	57.0	(0.7)	502	(2.0)	465	(2.1)	37	(1.9)	1.78	0.10	25.0	(2.3)	-0.4	(0.0)
Sweden	34.8	(0.8)	499	(3.1)	473	(2.3)	26	(3.3)	1.35	0.09	18.7	(3.8)	-0.3	(0.0)
Switzerland	37.9	(0.9)	545	(4.0)	525	(3.0)	20	(3.2)	1.21	0.08	11.6	(4.0)	-0.2	(0.0)
Turkey	59.6	(0.9)	456	(5.6)	439	(4.7)	17	(4.2)	1.22	0.10	8.2	(3.3)	-0.2	(0.0)
United Kingdom	38.6	(0.9)	521	(3.1)	484	(3.8)	37	(4.1)	1.58	0.09	26.3	(3.3)	-0.4	(0.0)
United States	39.1	(1.0)	498	(4.4)	475	(3.4)	23	(2.8)	1.38	0.11	18.7	(4.3)	-0.3	(0.0)
OECD average	47.6	(0.2)	513	(0.6)	481	(0.5)	32	(0.6)	1.59	0.02	21.8	(0.6)	-0.4	(0.0)
Partners														
Albania	79.6	(0.8)	393	(2.3)	397	(3.7)	-4	(4.1)	0.98	0.06	-0.4	(1.3)	0.0	(0.0)
Argentina	53.6	(1.2)	395	(3.5)	390	(3.8)	6	(2.5)	1.09	0.08	4.0	(3.3)	-0.1	(0.0)
Brazil	51.6	(0.6)	391	(2.5)	400	(2.0)	-9	(1.9)	0.81	0.04	-9.8	(2.3)	0.1	(0.0)
Bulgaria	63.8	(1.2)	464	(4.2)	405	(4.3)	58	(5.2)	2.18	0.18	29.9	(3.4)	-0.7	(0.1)
Colombia	54.7	(1.0)	380	(3.2)	379	(2.8)	1	(2.2)	0.98	0.06	-0.9	(2.9)	0.0	(0.0)
Costa Rica	33.6	(1.1)	418	(3.8)	405	(2.9)	14	(3.1)	1.20	0.09	11.9	(4.7)	-0.2	(0.0)
Croatia	33.2	(0.9)	502	(5.9)	461	(3.0)	41	(5.3)	1.80	0.14	34.8	(3.9)	-0.5	(0.1)
Cyprus*	44.5	(0.7)	459	(1.8)	431	(1.7)	28	(2.6)	1.43	0.07	19.3	(2.7)	-0.3	(0.0)
Hong Kong-China	49.6	(1.3)	576	(4.0)	550	(3.3)	26	(4.0)	1.48	0.11	19.6	(3.5)	-0.3	(0.0)
Indonesia	37.0	(1.2)	369	(4.3)	381	(4.3)	-12	(3.0)	0.79	0.06	-15.0	(4.4)	0.2	(0.0)
Jordan	42.0	(0.8)	400	(4.5)	381	(2.6)	19	(3.9)	1.32	0.10	15.5	(4.0)	-0.2	(0.0)
Kazakhstan	74.0	(1.0)	436	(3.2)	423	(3.5)	13	(2.9)	1.26	0.08	6.4	(1.8)	-0.2	(0.0)
Latvia	66.8	(1.0)	506	(3.1)	464	(3.2)	42	(3.5)	1.91	0.17	23.1	(3.3)	-0.5	(0.0)
Liechtenstein	53.9	(2.9)	540	(7.2)	531	(7.8)	9	(12.4)	1.09	0.25	4.1	(10.6)	-0.1	(0.1)
Lithuania	53.8	(0.9)	503	(2.8)	457	(2.9)	46	(3.2)	2.11	0.15	34.0	(2.9)	-0.5	(0.0)
Macao-China	41.2	(0.6)	554	(2.0)	530	(1.4)	25	(2.7)	1.44	0.08	20.6	(3.1)	-0.3	(0.0)
Malaysia	40.9	(0.9)	414	(4.2)	428	(3.0)	-14	(3.2)	0.71	0.05	-20.9	(4.5)	0.2	(0.0)
Montenegro	72.8	(0.7)	425	(1.5)	385	(2.3)	39	(3.1)	1.77	0.11	17.2	(2.1)	-0.5	(0.0)
Peru	72.6	(0.7)	366	(3.8)	384	(4.2)	-18	(2.9)	0.75	0.05	-7.2	(1.5)	0.2	(0.0)
Qatar	55.5	(0.5)	378	(1.2)	386	(1.3)	-7	(2.0)	0.89	0.04	-5.4	(1.8)	0.1	(0.0)
Romania	83.2	(0.9)	455	(3.8)	408	(4.4)	47	(4.3)	1.95	0.13	13.8	(1.7)	-0.6	(0.1)
Russian Federation	77.5	(0.8)	495	(3.0)	450	(4.7)	46	(4.2)	1.89	0.18	16.6	(2.6)	-0.6	(0.1)
Serbia	69.8	(0.9)	465	(3.5)	423	(3.9)	42	(4.0)	1.74	0.11	18.3	(2.3)	-0.5	(0.0)
Shanghai-China	77.0	(0.8)	623	(3.2)	582	(4.7)	41	(4.1)	1.64	0.10	12.8	(1.7)	-0.4	(0.0)
Singapore	33.3	(0.7)	591	(2.5)	567	(1.6)	24	(3.1)	1.36	0.08	19.3	(3.4)	-0.2	(0.0)
Chinese Taipei	54.4	(1.0)	595	(3.4)	523	(3.9)	72	(4.5)	2.52	0.16	40.9	(2.6)	-0.7	(0.0)
Thailand	44.0	(0.8)	426	(3.8)	428	(3.6)	-2	(2.6)	0.96	0.05	-2.3	(2.9)	0.0	(0.0)
Tunisia	32.7	(1.1)	408	(5.1)	381	(3.8)	27	(3.8)	1.47	0.10	24.1	(4.2)	-0.3	(0.0)
United Arab Emirates	45.7	(0.6)	441	(3.1)	431	(2.3)	9	(2.3)	1.17	0.06	8.6	(2.9)	-0.1	(0.0)
Uruguay	47.0	(0.9)	427	(2.7)	409	(3.2)	18	(2.9)	1.28	0.08	13.1	(3.3)	-0.2	(0.0)
Viet Nam	40.8	(1.2)	520	(5.0)	508	(5.3)	12	(4.3)	1.20	0.10	10.4	(4.7)	-0.1	(0.0)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 4/4]


Performance and selected elements of socio-economic status across countries
Results based on students' self-reports

Table II.2.5

		Books at home: More than 200													
		Percentage of students who reported that they have more than 200 books at home		Mean performance of students who reported that they have more than 200 books at home and of those who do not				Difference in performance between those who reported that they have more than 200 books at home and those who do not		Increased likelihood of students who reported that they did not have more than 200 books at home scoring in the bottom quarter of the mathematics performance distribution		Population relevance of students who reported that they did not have more than 200 books at home scoring in the bottom quarter of the mathematics performance distribution		Effect size on mathematics performance for students who reported that they did not have more than 200 books at home	
				Yes		No									
		%	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.	Effect size	S.E.
OECD	Australia	26.2	(0.6)	525	(2.4)	498	(1.6)	57	(1.9)	2.29	(0.12)	48.8	(2.4)	-0.6	(0.0)
	Austria	22.9	(1.0)	520	(2.8)	492	(3.4)	72	(3.9)	3.23	(0.40)	63.2	(4.3)	-0.8	(0.0)
	Belgium	20.7	(0.7)	546	(3.1)	506	(2.2)	66	(3.9)	2.85	(0.28)	59.4	(3.4)	-0.7	(0.0)
	Canada	23.3	(0.6)	534	(2.5)	514	(1.8)	48	(2.4)	2.27	(0.17)	49.4	(3.3)	-0.6	(0.0)
	Chile	6.3	(0.4)	426	(3.1)	420	(3.5)	74	(5.6)	3.08	(0.66)	65.9	(6.7)	-0.9	(0.1)
	Czech Republic	22.2	(0.9)	526	(3.2)	482	(3.2)	73	(4.3)	2.90	(0.38)	59.6	(5.0)	-0.8	(0.0)
	Denmark	20.8	(0.8)	527	(2.9)	491	(2.4)	54	(3.8)	2.51	(0.31)	54.5	(4.9)	-0.7	(0.0)
	Estonia	25.2	(0.7)	529	(2.2)	502	(2.7)	55	(3.6)	2.49	(0.25)	52.7	(4.0)	-0.7	(0.0)
	Finland	21.2	(0.6)	537	(2.1)	505	(2.1)	56	(3.0)	2.52	(0.24)	54.4	(3.9)	-0.7	(0.0)
	France	19.5	(0.7)	532	(3.2)	472	(2.8)	86	(4.0)	4.58	(0.80)	74.1	(3.7)	-1.0	(0.0)
	Germany	28.7	(1.1)	532	(3.4)	506	(3.7)	70	(3.8)	2.77	(0.34)	55.8	(4.8)	-0.8	(0.0)
	Greece	18.7	(0.7)	469	(2.9)	444	(2.7)	54	(4.2)	2.09	(0.32)	47.0	(6.1)	-0.6	(0.1)
	Hungary	31.7	(1.0)	501	(3.9)	437	(3.5)	78	(5.4)	3.78	(0.48)	65.4	(4.1)	-0.9	(0.1)
	Iceland	30.8	(0.6)	506	(2.1)	466	(2.8)	50	(3.8)	2.05	(0.22)	42.0	(5.4)	-0.6	(0.0)
	Ireland	21.8	(0.8)	519	(2.5)	497	(2.5)	62	(3.1)	3.19	(0.37)	63.0	(4.0)	-0.8	(0.0)
	Israel	25.6	(1.4)	478	(5.4)	463	(4.5)	54	(6.9)	1.78	(0.21)	36.8	(5.9)	-0.5	(0.1)
	Italy	20.2	(0.5)	499	(2.2)	469	(2.1)	59	(2.4)	2.45	(0.16)	53.7	(2.6)	-0.7	(0.0)
	Japan	23.6	(0.7)	563	(4.7)	529	(3.6)	37	(3.8)	1.57	(0.13)	30.3	(4.4)	-0.4	(0.0)
	Korea	36.9	(1.4)	572	(4.8)	529	(4.3)	61	(4.2)	2.21	(0.16)	43.2	(3.1)	-0.6	(0.0)
	Luxembourg	34.6	(0.6)	509	(1.6)	472	(1.6)	78	(2.6)	3.48	(0.29)	61.8	(2.7)	-0.9	(0.0)
	Mexico	3.8	(0.2)	418	(1.7)	413	(1.3)	39	(4.4)	1.63	(0.17)	37.7	(6.4)	-0.5	(0.1)
	Netherlands	20.0	(1.0)	544	(5.8)	520	(2.9)	63	(4.5)	3.00	(0.41)	61.4	(4.8)	-0.7	(0.1)
	New Zealand	25.3	(0.8)	516	(3.4)	493	(2.5)	67	(4.2)	2.65	(0.32)	55.2	(4.2)	-0.7	(0.0)
	Norway	28.6	(1.0)	514	(2.9)	476	(3.1)	55	(3.1)	2.36	(0.20)	49.2	(3.5)	-0.6	(0.0)
	Poland	17.9	(1.2)	539	(4.3)	499	(3.3)	70	(6.0)	3.02	(0.41)	62.4	(4.7)	-0.8	(0.1)
	Portugal	13.9	(0.9)	510	(3.9)	470	(4.2)	72	(4.5)	3.26	(0.50)	65.9	(5.2)	-0.8	(0.1)
	Slovak Republic	13.7	(0.6)	503	(3.6)	455	(3.9)	89	(6.2)	4.22	(0.92)	73.4	(5.1)	-0.9	(0.1)
	Slovenia	14.8	(0.6)	521	(2.1)	475	(2.2)	71	(4.9)	3.13	(0.47)	64.5	(4.6)	-0.8	(0.1)
Spain	23.0	(0.7)	502	(2.0)	465	(2.1)	62	(1.9)	2.86	(0.22)	58.8	(2.7)	-0.8	(0.0)	
Sweden	26.2	(0.8)	499	(3.1)	473	(2.3)	61	(3.2)	2.57	(0.26)	53.7	(4.1)	-0.7	(0.0)	
Switzerland	21.2	(0.8)	545	(4.0)	525	(3.0)	64	(4.4)	2.74	(0.31)	57.9	(4.7)	-0.7	(0.0)	
Turkey	8.9	(0.8)	456	(5.6)	439	(4.7)	70	(8.6)	2.71	(0.51)	60.7	(6.6)	-0.8	(0.1)	
United Kingdom	22.1	(0.8)	521	(3.1)	484	(3.8)	78	(3.9)	3.40	(0.48)	65.0	(4.6)	-0.9	(0.0)	
United States	15.4	(0.9)	498	(4.4)	475	(3.4)	65	(5.8)	3.13	(0.45)	64.2	(4.6)	-0.7	(0.1)	
OECD average	21.6	(0.1)	513	(0.6)	481	(0.5)	64	(0.8)	2.79	(0.07)	56.2	(0.8)	-0.7	(0.0)	
Partners	Albania	4.4	(0.4)	393	(2.3)	397	(3.7)	1	(10.1)	1.14	(0.28)	11.6	(16.6)	0.0	(0.1)
	Argentina	6.2	(0.5)	395	(3.5)	390	(3.8)	49	(6.0)	2.23	(0.63)	52.5	(13.0)	-0.6	(0.1)
	Brazil	3.1	(0.2)	391	(2.5)	400	(2.0)	41	(8.1)	1.37	(0.19)	26.1	(10.1)	-0.5	(0.1)
	Bulgaria	14.5	(0.8)	464	(4.2)	405	(4.3)	67	(5.2)	3.06	(0.50)	63.6	(5.2)	-0.7	(0.1)
	Colombia	2.2	(0.3)	380	(3.2)	379	(2.8)	63	(11.9)	2.01	(0.67)	49.5	(12.3)	-0.7	(0.1)
	Costa Rica	3.4	(0.4)	418	(3.8)	405	(2.9)	67	(11.2)	3.42	(1.19)	69.6	(10.3)	-0.9	(0.1)
	Croatia	8.9	(0.5)	502	(5.9)	461	(3.0)	60	(6.6)	2.83	(0.49)	62.3	(6.8)	-0.7	(0.1)
	Cyprus*	18.3	(0.5)	459	(1.8)	431	(1.7)	51	(3.7)	1.88	(0.19)	41.6	(5.5)	-0.6	(0.0)
	Hong Kong-China	12.7	(1.0)	576	(4.0)	550	(3.3)	54	(5.3)	2.68	(0.43)	59.2	(6.7)	-0.6	(0.1)
	Indonesia	5.5	(0.5)	369	(4.3)	381	(4.3)	21	(10.3)	1.13	(0.18)	11.0	(13.3)	-0.3	(0.1)
	Jordan	8.4	(0.4)	400	(4.5)	381	(2.6)	19	(5.2)	1.25	(0.16)	18.1	(9.4)	-0.2	(0.1)
	Kazakhstan	9.8	(0.8)	436	(3.2)	423	(3.5)	26	(4.9)	1.66	(0.24)	37.0	(7.1)	-0.4	(0.1)
	Latvia	20.3	(0.8)	506	(3.1)	464	(3.2)	47	(3.7)	2.21	(0.29)	49.0	(6.5)	-0.6	(0.0)
	Liechtenstein	23.1	(2.3)	540	(7.2)	531	(7.8)	64	(13.4)	2.77	(1.64)	57.0	(14.9)	-0.7	(0.2)
	Lithuania	15.1	(0.7)	503	(2.8)	457	(2.9)	50	(4.0)	2.12	(0.34)	48.6	(6.9)	-0.6	(0.0)
	Macao-China	6.6	(0.3)	554	(2.0)	530	(1.4)	39	(5.0)	1.68	(0.22)	38.9	(8.0)	-0.4	(0.1)
	Malaysia	10.8	(0.7)	414	(4.2)	428	(3.0)	37	(5.6)	1.65	(0.22)	36.8	(7.9)	-0.4	(0.1)
	Montenegro	17.2	(0.5)	425	(1.5)	385	(2.3)	53	(4.4)	2.30	(0.30)	51.7	(5.6)	-0.6	(0.1)
	Peru	3.2	(0.3)	366	(3.8)	384	(4.2)	50	(13.1)	1.38	(0.26)	26.5	(15.5)	-0.5	(0.1)
	Qatar	16.0	(0.4)	378	(1.2)	386	(1.3)	14	(3.1)	1.15	(0.07)	10.9	(4.6)	-0.1	(0.0)
	Romania	13.0	(0.9)	455	(3.8)	408	(4.4)	63	(6.2)	2.88	(0.54)	61.9	(6.0)	-0.8	(0.1)
	Russian Federation	19.7	(0.9)	495	(3.0)	450	(4.7)	43	(4.1)	1.63	(0.17)	33.6	(5.8)	-0.5	(0.0)
	Serbia	11.4	(0.7)	465	(3.5)	423	(3.9)	63	(5.8)	2.30	(0.35)	53.5	(6.2)	-0.7	(0.1)
	Shanghai-China	12.2	(0.8)	623	(3.2)	582	(4.7)	68	(6.7)	2.78	(0.38)	61.0	(5.0)	-0.7	(0.1)
	Singapore	16.6	(0.5)	591	(2.5)	567	(1.6)	60	(4.2)	2.32	(0.26)	52.4	(5.0)	-0.6	(0.0)
	Chinese Taipei	21.0	(0.7)	595	(3.4)	523	(3.9)	77	(4.5)	2.86	(0.29)	59.4	(4.2)	-0.7	(0.0)
	Thailand	5.3	(0.5)	426	(3.8)	428	(3.6)	64	(6.5)	2.02	(0.33)	48.9	(9.2)	-0.7	(0.1)
	Tunisia	3.2	(0.3)	408	(5.1)	381	(3.8)	39	(13.6)	1.29	(0.29)	21.4	(16.8)	-0.4	(0.1)
United Arab Emirates	13.3	(0.4)	441	(3.1)	431	(2.3)	34	(4.4)	1.35	(0.11)	23.0	(5.9)	-0.4	(0.0)	
Uruguay	6.4	(0.5)	427	(2.7)	409	(3.2)	72	(8.7)	2.41	(0.60)	56.0	(11.5)	-0.8	(0.1)	
Viet Nam	3.6	(0.3)	520	(5.0)	508	(5.3)	30	(10.3)	1.36	(0.36)	25.7	(16.1)	-0.3	(0.1)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 1/1]

Percentage of resilient students and low-achievers among disadvantaged students, by gender

Results based on students' self-reports


Table II.2.7a

	Resilient and disadvantaged low-achievers															
	Resilient students ¹							Disadvantaged low-achievers ²								
	All students		Boys		Girls		Difference (boys - girls)		All students		Boys		Girls		Difference (boys - girls)	
	%	S.E.	%	S.E.	%	S.E.	% dif.	S.E.	%	S.E.	%	S.E.	%	S.E.	% dif.	S.E.
OECD																
Australia	6.3	(0.3)	7.1	(0.5)	5.4	(0.4)	1.6	(0.5)	4.9	(0.2)	4.4	(0.4)	5.3	(0.3)	-0.9	(0.5)
Austria	6.1	(0.5)	6.9	(0.8)	5.3	(0.6)	1.6	(0.9)	4.8	(0.5)	3.9	(0.8)	5.8	(0.8)	-1.8	(1.2)
Belgium	7.1	(0.4)	7.3	(0.5)	6.9	(0.5)	0.4	(0.6)	5.0	(0.4)	4.6	(0.5)	5.3	(0.6)	-0.7	(0.7)
Canada	8.3	(0.4)	9.2	(0.5)	7.5	(0.5)	1.7	(0.6)	3.3	(0.2)	3.0	(0.3)	3.5	(0.4)	-0.5	(0.5)
Chile	1.7	(0.3)	2.2	(0.4)	1.1	(0.3)	1.1	(0.5)	8.1	(0.8)	6.3	(1.0)	9.8	(1.0)	-3.5	(1.1)
Czech Republic	5.9	(0.5)	6.6	(0.7)	5.1	(0.5)	1.5	(0.8)	5.2	(0.5)	4.7	(0.7)	5.9	(0.8)	-1.2	(1.1)
Denmark	4.9	(0.4)	5.6	(0.5)	4.2	(0.5)	1.4	(0.7)	4.7	(0.5)	4.1	(0.6)	5.2	(0.8)	-1.1	(0.9)
Estonia	9.5	(0.6)	9.3	(0.9)	9.7	(0.8)	-0.4	(1.3)	1.8	(0.3)	1.5	(0.3)	2.1	(0.3)	-0.6	(0.5)
Finland	8.1	(0.5)	8.6	(0.6)	7.6	(0.7)	1.0	(0.9)	3.2	(0.3)	3.8	(0.5)	2.6	(0.4)	1.2	(0.6)
France	5.4	(0.4)	6.1	(0.6)	4.8	(0.6)	1.3	(0.8)	5.8	(0.5)	5.3	(0.6)	6.3	(0.7)	-1.1	(0.9)
Germany	7.5	(0.5)	8.7	(0.8)	6.2	(0.7)	2.5	(1.1)	4.3	(0.5)	4.1	(0.6)	4.5	(0.6)	-0.4	(0.7)
Greece	3.2	(0.4)	3.5	(0.5)	2.9	(0.6)	0.6	(0.7)	7.3	(0.6)	7.3	(0.8)	7.4	(0.8)	-0.1	(1.1)
Hungary	4.1	(0.4)	4.4	(0.6)	3.8	(0.5)	0.7	(0.7)	5.9	(0.5)	5.2	(0.8)	6.5	(0.8)	-1.3	(1.1)
Iceland	5.2	(0.4)	5.3	(0.6)	5.2	(0.6)	0.1	(0.9)	6.5	(0.5)	6.6	(0.7)	6.4	(0.6)	0.1	(1.0)
Ireland	6.3	(0.4)	7.3	(0.6)	5.3	(0.5)	2.0	(0.8)	4.1	(0.5)	3.8	(0.7)	4.5	(0.5)	-0.7	(0.7)
Israel	3.1	(0.3)	3.8	(0.5)	2.5	(0.4)	1.4	(0.6)	9.9	(0.8)	8.8	(1.0)	11.0	(0.9)	-2.2	(1.2)
Italy	6.4	(0.3)	6.9	(0.3)	5.9	(0.4)	1.0	(0.4)	4.7	(0.3)	4.3	(0.3)	5.3	(0.4)	-1.0	(0.5)
Japan	11.3	(0.5)	12.6	(0.8)	9.9	(0.7)	2.7	(1.0)	2.4	(0.5)	2.6	(0.6)	2.3	(0.5)	0.2	(0.5)
Korea	12.7	(0.9)	12.4	(1.2)	13.1	(1.0)	-0.7	(1.3)	1.9	(0.3)	2.2	(0.5)	1.6	(0.3)	0.6	(0.6)
Luxembourg	6.1	(0.4)	7.4	(0.6)	4.8	(0.5)	2.7	(0.7)	5.1	(0.4)	3.7	(0.5)	6.5	(0.6)	-2.8	(0.8)
Mexico	3.9	(0.2)	4.3	(0.3)	3.5	(0.3)	0.8	(0.3)	4.3	(0.2)	3.7	(0.3)	5.0	(0.3)	-1.3	(0.3)
Netherlands	8.6	(0.8)	8.6	(0.9)	8.7	(1.1)	-0.1	(1.2)	3.7	(0.5)	3.4	(0.6)	4.0	(0.6)	-0.6	(0.7)
New Zealand	5.3	(0.4)	5.9	(0.6)	4.6	(0.6)	1.3	(0.8)	5.8	(0.5)	5.7	(0.7)	5.9	(0.7)	-0.2	(1.0)
Norway	5.3	(0.5)	5.6	(0.5)	5.0	(0.6)	0.6	(0.6)	6.1	(0.6)	6.1	(0.7)	6.1	(0.7)	0.1	(0.8)
Poland	8.4	(0.6)	7.5	(0.8)	9.2	(0.7)	-1.7	(0.9)	2.7	(0.3)	2.8	(0.5)	2.7	(0.4)	0.2	(0.7)
Portugal	7.7	(0.6)	8.3	(0.9)	7.0	(0.6)	1.3	(0.9)	3.5	(0.4)	3.8	(0.6)	3.3	(0.5)	0.5	(0.7)
Slovak Republic	3.9	(0.4)	4.1	(0.5)	3.8	(0.6)	0.3	(0.8)	8.1	(0.8)	7.0	(0.8)	9.3	(1.1)	-2.3	(0.9)
Slovenia	5.9	(0.4)	5.9	(0.7)	5.8	(0.6)	0.1	(1.1)	4.1	(0.5)	3.7	(0.7)	4.5	(0.5)	-0.8	(0.7)
Spain	6.4	(0.4)	7.1	(0.6)	5.7	(0.4)	1.4	(0.6)	4.1	(0.3)	3.8	(0.4)	4.5	(0.4)	-0.7	(0.5)
Sweden	4.3	(0.3)	4.5	(0.5)	4.1	(0.4)	0.4	(0.7)	6.4	(0.5)	6.8	(0.8)	6.0	(0.6)	0.9	(0.9)
Switzerland	9.9	(0.6)	11.7	(0.8)	8.2	(0.6)	3.5	(0.9)	2.9	(0.3)	2.5	(0.4)	3.3	(0.4)	-0.8	(0.5)
Turkey	7.2	(0.5)	7.1	(0.6)	7.3	(0.7)	-0.3	(0.8)	2.4	(0.3)	2.4	(0.5)	2.4	(0.4)	0.0	(0.6)
United Kingdom	5.8	(0.4)	6.0	(0.5)	5.5	(0.6)	0.5	(0.8)	5.2	(0.6)	4.4	(0.7)	5.9	(0.8)	-1.5	(0.9)
United States	5.2	(0.5)	5.8	(0.6)	4.5	(0.6)	1.3	(0.7)	5.6	(0.6)	5.8	(0.8)	5.4	(0.7)	0.3	(0.8)
OECD average	6.4	(0.1)	6.9	(0.1)	5.9	(0.1)	1.0	(0.1)	4.8	(0.1)	4.5	(0.1)	5.2	(0.1)	-0.7	(0.1)
Partners																
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	1.1	(0.3)	1.2	(0.3)	0.9	(0.3)	0.3	(0.4)	10.8	(0.8)	8.7	(0.9)	12.8	(1.0)	-4.1	(1.1)
Brazil	1.7	(0.2)	2.0	(0.3)	1.5	(0.2)	0.6	(0.4)	7.5	(0.4)	5.8	(0.5)	9.0	(0.5)	-3.2	(0.6)
Bulgaria	2.1	(0.3)	2.2	(0.4)	2.0	(0.4)	0.1	(0.5)	10.0	(0.8)	10.4	(1.1)	9.6	(0.9)	0.8	(1.0)
Colombia	1.5	(0.3)	2.2	(0.5)	0.8	(0.2)	1.4	(0.6)	8.6	(0.8)	6.7	(0.9)	10.2	(1.0)	-3.5	(1.0)
Costa Rica	1.9	(0.3)	2.4	(0.4)	1.4	(0.3)	0.9	(0.5)	4.8	(0.7)	3.2	(0.6)	6.3	(1.0)	-3.1	(1.0)
Croatia	5.1	(0.4)	5.4	(0.6)	4.7	(0.6)	0.7	(0.9)	4.7	(0.4)	4.3	(0.6)	5.1	(0.6)	-0.8	(0.8)
Cyprus*	1.9	(0.2)	2.3	(0.3)	1.4	(0.3)	0.8	(0.5)	10.3	(0.5)	11.0	(0.5)	9.5	(0.8)	1.5	(0.9)
Hong Kong-China	18.1	(1.1)	17.6	(1.2)	18.7	(1.2)	-1.1	(1.2)	0.8	(0.2)	0.8	(0.3)	0.8	(0.2)	0.0	(0.3)
Indonesia	2.5	(0.5)	3.2	(0.8)	1.9	(0.4)	1.4	(0.9)	5.5	(0.6)	5.0	(0.7)	6.0	(0.8)	-1.0	(0.8)
Jordan	0.9	(0.2)	0.8	(0.4)	0.9	(0.3)	-0.1	(0.5)	11.5	(0.6)	11.6	(1.0)	11.4	(0.9)	0.2	(1.4)
Kazakhstan	2.1	(0.4)	2.4	(0.6)	1.7	(0.4)	0.7	(0.5)	7.7	(0.6)	7.8	(0.7)	7.5	(0.8)	0.3	(0.9)
Latvia	6.4	(0.5)	6.2	(0.7)	6.5	(0.7)	-0.2	(1.0)	2.8	(0.6)	2.9	(0.8)	2.7	(0.6)	0.2	(0.8)
Liechtenstein	10.1	(1.7)	11.8	(2.6)	8.2	(1.8)	3.6	(3.1)	3.2	(1.3)	2.2	(1.7)	4.4	(1.9)	-2.2	(2.6)
Lithuania	5.6	(0.4)	5.8	(0.6)	5.5	(0.7)	0.3	(1.0)	5.0	(0.4)	4.8	(0.6)	5.1	(0.6)	-0.3	(0.8)
Macao-China	16.9	(0.5)	18.2	(0.7)	15.6	(0.7)	2.6	(1.0)	0.7	(0.1)	0.7	(0.2)	0.7	(0.2)	0.0	(0.2)
Malaysia	2.7	(0.3)	2.7	(0.4)	2.6	(0.5)	0.0	(0.6)	7.1	(0.5)	7.6	(0.8)	6.6	(0.6)	1.1	(1.0)
Montenegro	1.3	(0.2)	1.5	(0.3)	1.2	(0.3)	0.3	(0.4)	12.1	(0.4)	11.5	(0.6)	12.7	(0.7)	-1.2	(1.0)
Peru	0.5	(0.1)	0.7	(0.2)	0.4	(0.2)	0.3	(0.3)	12.6	(0.9)	10.7	(0.9)	14.5	(1.3)	-3.8	(1.3)
Qatar	0.4	(0.1)	0.5	(0.1)	0.4	(0.1)	0.2	(0.1)	19.2	(0.4)	18.7	(0.5)	19.7	(0.6)	-1.0	(0.8)
Romania	2.8	(0.5)	3.1	(0.6)	2.5	(0.5)	0.6	(0.5)	6.5	(0.6)	6.4	(0.7)	6.5	(0.8)	-0.1	(0.8)
Russian Federation	5.2	(0.6)	5.6	(0.8)	4.8	(0.7)	0.8	(0.8)	5.2	(0.5)	4.7	(0.6)	5.7	(0.7)	-1.0	(0.7)
Serbia	3.6	(0.4)	4.0	(0.5)	3.2	(0.6)	0.8	(0.7)	7.1	(0.7)	6.1	(0.8)	8.0	(0.9)	-1.9	(0.9)
Shanghai-China	19.2	(1.0)	20.3	(1.0)	18.1	(1.2)	2.2	(1.1)	0.4	(0.1)	0.4	(0.2)	0.3	(0.1)	0.1	(0.2)
Singapore	15.1	(0.5)	14.5	(0.7)	15.6	(0.7)	-1.1	(1.0)	1.3	(0.2)	1.6	(0.3)	1.0	(0.2)	0.6	(0.4)
Chinese Taipei	12.3	(0.6)	12.6	(0.7)	12.1	(0.8)	0.5	(0.9)	2.9	(0.3)	3.2	(0.5)	2.5	(0.4)	0.7	(0.5)
Thailand	6.3	(0.6)	5.4	(0.6)	7.0	(0.7)	-1.6	(0.8)	2.9	(0.4)	2.9	(0.5)	2.9	(0.5)	0.0	(0.7)
Tunisia	2.9	(0.4)	4.1	(0.6)	1.9	(0.4)	2.2	(0.6)	6.2	(0.7)	4.6	(0.7)	7.6	(0.9)	-2.9	(0.8)
United Arab Emirates	1.2	(0.2)	1.2	(0.2)	1.2	(0.2)	0.0	(0.3)	12.8	(0.6)	13.1	(0.9)	12.5	(1.0)	0.6	(1.3)
Uruguay	2.1	(0.3)	2.3	(0.4)	1.9	(0.3)	0.4	(0.5)	9.1	(0.6)	8.0	(0.8)	10.1	(0.8)	-2.1	(1.0)
Viet Nam	16.9	(1.0)	15.9	(1.2)	17.8	(1.2)	-1.9	(1.2)	0.4	(0.1)	0.4	(0.2)	0.4	(0.2)	0.0	(0.3)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. A student is classified as resilient if he or she is in the bottom quarter of the *PISA index of economic, social and cultural status* (ESCS) in the country/economy of assessment and performs in the top quarter of students from all countries/economies, after accounting for socio-economic status.2. A student is classified as a disadvantaged low-achiever if he or she is in the bottom quarter of the *PISA index of economic, social and cultural status* (ESCS) in the country/economy of assessment and performs in the bottom quarter of students from all countries/economies, after accounting for socio-economic status.

* See notes at the beginning of this Annex.

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[Part 1/1]

Change between 2003 and 2012 in the percentage of resilient students among disadvantaged students, by gender

Table II.2.7b Results based on students' self-reports


	PISA 2003				PISA 2012				Change between 2003 and 2012 (PISA 2012 - PISA 2003)			
	Resilient students ¹				Resilient students				Resilient students			
	All students	Boys	Girls	Difference (boys - girls)	All students	Boys	Girls	Difference (boys - girls)	All students	Boys	Girls	Difference (boys - girls)
	% S.E.	% S.E.	% S.E.	% dif. S.E.	% S.E.	% S.E.	% S.E.	% dif. S.E.	% dif. S.E.	% dif. S.E.	% dif. S.E.	% dif. S.E.
OECD												
Australia	7.6 (0.4)	8.1 (0.6)	7.1 (0.5)	1.1 (0.8)	5.7 (0.3)	6.4 (0.4)	4.9 (0.4)	1.5 (0.5)	-1.9 (0.5)	0.8 (0.8)	0.6 (0.6)	0.4 (0.9)
Austria	6.2 (0.4)	6.9 (0.6)	5.6 (0.6)	1.3 (0.9)	5.6 (0.5)	6.3 (0.8)	4.9 (0.6)	1.4 (0.9)	-0.6 (0.7)	1.0 (1.0)	0.9 (0.9)	0.1 (1.3)
Belgium	7.8 (0.4)	7.4 (0.4)	8.2 (0.6)	-0.7 (0.7)	6.5 (0.4)	6.8 (0.5)	6.3 (0.5)	0.6 (0.7)	-1.2 (0.5)	0.7 (0.7)	0.8 (0.8)	1.3 (1.0)
Canada	9.1 (0.4)	9.9 (0.4)	8.3 (0.6)	1.6 (0.6)	7.5 (0.4)	8.4 (0.5)	6.7 (0.5)	1.7 (0.6)	-1.6 (0.6)	0.6 (0.6)	0.8 (0.8)	0.1 (0.8)
Czech Republic	6.1 (0.4)	6.5 (0.6)	5.6 (0.6)	1.0 (0.8)	5.3 (0.4)	6.1 (0.7)	4.5 (0.6)	1.6 (0.9)	-0.7 (0.6)	0.9 (0.9)	0.8 (0.8)	0.6 (1.3)
Denmark	6.2 (0.5)	6.7 (0.7)	5.7 (0.7)	1.0 (1.0)	4.5 (0.4)	5.1 (0.5)	3.8 (0.5)	1.3 (0.6)	-1.7 (0.7)	0.9 (0.9)	0.9 (0.9)	0.3 (1.2)
Finland	10.7 (0.6)	11.4 (0.8)	9.9 (0.7)	1.5 (0.9)	7.4 (0.5)	7.8 (0.6)	6.9 (0.8)	0.9 (0.9)	-3.3 (0.8)	1.0 (1.0)	1.0 (1.0)	-0.6 (1.1)
France	7.4 (0.4)	7.9 (0.8)	6.9 (0.6)	1.1 (1.1)	4.9 (0.4)	5.6 (0.5)	4.3 (0.5)	1.2 (0.7)	-2.5 (0.6)	0.9 (0.9)	0.8 (0.8)	0.2 (1.1)
Germany	5.6 (0.5)	7.2 (0.7)	4.1 (0.5)	3.1 (0.8)	7.0 (0.5)	8.2 (0.8)	5.7 (0.6)	2.5 (1.0)	1.3 (0.7)	1.0 (1.0)	0.8 (0.8)	-0.6 (1.3)
Greece	2.5 (0.3)	3.1 (0.5)	2.0 (0.3)	1.1 (0.5)	2.9 (0.4)	3.2 (0.5)	2.7 (0.5)	0.5 (0.6)	0.4 (0.5)	0.7 (0.7)	0.6 (0.6)	-0.6 (0.8)
Hungary	3.6 (0.3)	3.4 (0.4)	3.7 (0.5)	-0.3 (0.6)	3.7 (0.4)	4.1 (0.6)	3.4 (0.4)	0.7 (0.7)	0.1 (0.5)	0.7 (0.7)	0.6 (0.6)	1.0 (1.0)
Iceland	6.2 (0.4)	4.8 (0.6)	7.6 (0.7)	-2.8 (1.0)	4.5 (0.4)	4.5 (0.5)	4.4 (0.5)	0.1 (0.7)	-1.7 (0.6)	0.8 (0.8)	0.9 (0.9)	2.9 (1.2)
Ireland	5.9 (0.5)	6.4 (0.7)	5.3 (0.5)	1.2 (0.9)	5.7 (0.4)	6.6 (0.6)	4.8 (0.5)	1.8 (0.7)	-0.2 (0.6)	0.9 (0.9)	0.7 (0.7)	0.7 (1.1)
Italy	4.1 (0.3)	4.6 (0.4)	3.7 (0.4)	0.9 (0.5)	5.9 (0.2)	6.4 (0.3)	5.4 (0.3)	1.0 (0.4)	1.8 (0.4)	0.5 (0.5)	0.5 (0.5)	0.1 (0.6)
Japan	10.1 (0.7)	10.5 (0.8)	9.8 (0.9)	0.7 (0.9)	10.6 (0.5)	11.9 (0.8)	9.2 (0.7)	2.7 (1.0)	0.5 (0.9)	1.1 (1.1)	1.1 (1.1)	2.0 (1.3)
Korea	11.4 (0.7)	12.1 (0.9)	10.3 (0.9)	1.8 (1.2)	12.0 (0.8)	11.6 (1.1)	12.4 (0.9)	-0.8 (1.2)	0.6 (1.0)	1.4 (1.4)	1.3 (1.3)	-2.7 (1.7)
Luxembourg	5.8 (0.4)	7.3 (0.7)	4.3 (0.5)	3.0 (0.8)	5.7 (0.4)	7.0 (0.6)	4.3 (0.5)	2.6 (0.7)	-0.1 (0.6)	0.9 (0.9)	0.7 (0.7)	-0.4 (1.0)
Mexico	1.7 (0.2)	1.9 (0.3)	1.5 (0.2)	0.4 (0.3)	4.2 (0.2)	4.6 (0.3)	3.9 (0.3)	0.8 (0.3)	2.5 (0.3)	0.4 (0.4)	0.4 (0.4)	0.4 (0.4)
Netherlands	9.7 (0.6)	9.5 (0.9)	10.0 (0.9)	-0.5 (1.2)	8.0 (0.8)	7.9 (0.8)	8.0 (1.1)	-0.1 (1.1)	-1.7 (1.0)	1.2 (1.2)	1.4 (1.4)	0.4 (1.5)
New Zealand	7.7 (0.5)	8.0 (0.8)	7.5 (0.7)	0.5 (1.1)	4.8 (0.4)	5.4 (0.6)	4.1 (0.6)	1.3 (0.8)	-2.9 (0.7)	1.0 (1.0)	0.9 (0.9)	0.8 (1.4)
Norway	3.7 (0.4)	3.9 (0.5)	3.4 (0.5)	0.4 (0.7)	4.8 (0.4)	5.0 (0.5)	4.5 (0.5)	0.5 (0.6)	1.1 (0.6)	0.7 (0.7)	0.7 (0.7)	0.1 (0.9)
Poland	5.3 (0.4)	5.6 (0.5)	5.0 (0.6)	0.6 (0.8)	7.8 (0.6)	7.0 (0.8)	8.6 (0.7)	-1.6 (0.9)	2.5 (0.8)	1.0 (1.0)	0.9 (0.9)	-2.2 (1.0)
Portugal	7.5 (0.5)	7.5 (0.8)	7.5 (0.7)	0.0 (1.1)	7.4 (0.6)	8.1 (0.9)	6.8 (0.6)	1.3 (0.9)	-0.1 (0.8)	1.2 (1.2)	0.9 (0.9)	1.3 (1.4)
Slovak Republic	4.2 (0.4)	5.2 (0.6)	3.1 (0.4)	2.0 (0.8)	3.6 (0.3)	3.7 (0.4)	3.4 (0.6)	0.4 (0.8)	-0.6 (0.5)	0.8 (0.8)	0.7 (0.7)	-1.7 (1.0)
Spain	8.1 (0.6)	8.6 (0.8)	7.5 (0.7)	1.1 (0.8)	6.0 (0.4)	6.7 (0.5)	5.2 (0.4)	1.5 (0.6)	-2.1 (0.7)	1.0 (1.0)	0.8 (0.8)	0.4 (1.0)
Sweden	6.7 (0.4)	6.6 (0.6)	6.7 (0.7)	-0.1 (1.0)	3.8 (0.3)	4.0 (0.4)	3.6 (0.5)	0.4 (0.7)	-2.9 (0.5)	0.7 (0.7)	0.9 (0.9)	0.5 (1.2)
Switzerland	8.5 (0.6)	9.8 (0.7)	7.1 (0.7)	2.7 (0.8)	9.3 (0.5)	10.9 (0.8)	7.6 (0.6)	3.4 (0.8)	0.8 (0.8)	1.1 (1.1)	0.9 (0.9)	0.6 (1.1)
Turkey	3.1 (0.4)	4.0 (0.5)	2.0 (0.4)	2.0 (0.6)	7.5 (0.5)	7.4 (0.6)	7.6 (0.7)	-0.2 (0.9)	4.4 (0.6)	0.8 (0.8)	0.9 (0.9)	-2.2 (1.1)
United States	3.8 (0.3)	4.7 (0.5)	2.9 (0.4)	1.8 (0.7)	4.7 (0.4)	5.3 (0.6)	4.0 (0.5)	1.3 (0.7)	0.9 (0.5)	0.8 (0.8)	0.7 (0.7)	-0.5 (1.0)
OECD average 2003	6.4 (0.1)	6.9 (0.1)	5.9 (0.1)	0.9 (0.2)	6.1 (0.1)	6.6 (0.1)	5.6 (0.1)	1.0 (0.1)	-0.3 (0.1)	0.9 (0.2)	0.8 (0.2)	0.1 (0.2)
Partners												
Brazil	2.1 (0.3)	2.0 (0.4)	2.2 (0.4)	-0.1 (0.5)	1.9 (0.2)	2.2 (0.3)	1.7 (0.3)	0.5 (0.4)	-0.2 (0.3)	0.5 (0.5)	0.5 (0.5)	0.7 (0.7)
Hong Kong-China	16.9 (0.9)	18.6 (1.2)	15.2 (1.2)	3.4 (1.5)	18.1 (1.1)	17.6 (1.2)	18.5 (1.2)	-0.9 (1.2)	1.1 (1.4)	1.8 (1.8)	1.7 (1.7)	-4.3 (2.0)
Indonesia	2.4 (0.3)	2.9 (0.5)	1.8 (0.4)	1.1 (0.6)	3.1 (0.5)	3.8 (0.8)	2.3 (0.5)	1.4 (0.9)	0.7 (0.6)	0.9 (0.9)	0.6 (0.6)	0.3 (1.1)
Latvia	5.3 (0.6)	5.9 (1.0)	4.6 (0.7)	1.3 (1.1)	5.7 (0.5)	5.6 (0.7)	5.8 (0.7)	-0.2 (1.0)	0.4 (0.8)	1.2 (1.2)	1.0 (1.0)	-1.5 (1.4)
Liechtenstein	9.5 (1.7)	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c
Macao-China	19.2 (1.2)	18.7 (1.8)	19.7 (2.0)	-1.0 (3.0)	16.6 (0.5)	17.9 (0.7)	15.3 (0.7)	2.5 (1.0)	-2.5 (1.3)	2.0 (2.0)	2.1 (2.1)	3.6 (3.2)
Russian Federation	5.9 (0.7)	6.2 (0.8)	5.5 (0.8)	0.7 (0.8)	4.7 (0.6)	5.2 (0.7)	4.2 (0.7)	0.9 (0.9)	-1.2 (0.9)	1.1 (1.1)	1.0 (1.0)	0.2 (1.2)
Thailand	8.2 (0.8)	7.9 (1.1)	8.5 (1.0)	-0.6 (1.2)	6.7 (0.6)	5.8 (0.6)	7.3 (0.7)	-1.5 (0.8)	-1.5 (1.0)	1.2 (1.2)	1.2 (1.2)	-0.9 (1.5)
Tunisia	1.9 (0.3)	2.3 (0.5)	1.5 (0.3)	0.8 (0.5)	3.3 (0.4)	4.6 (0.6)	2.2 (0.5)	2.4 (0.7)	1.5 (0.5)	0.8 (0.8)	0.6 (0.6)	1.6 (0.8)
Uruguay	3.5 (0.5)	3.2 (0.5)	3.9 (0.8)	-0.7 (0.9)	2.1 (0.3)	2.3 (0.4)	1.9 (0.3)	0.4 (0.4)	-1.5 (0.6)	0.7 (0.7)	0.9 (0.9)	1.1 (1.1)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Resiliency values for 2012 may differ from those shown in Table II.2.7a as the pooled reference population for resilient students used in this table is restricted to those countries and economies with comparable data from PISA 2003 and PISA 2012.

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. A student is classified as resilient if he or she is in the bottom quarter of the PISA index of economic, social and cultural status (ESCS) in the country/economy of assessment and performs in the top quarter of students from all countries/economies, after accounting for socio-economic status.

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[Part 1/1]
Variation in mathematics performance
Results based on students' self-reports

Table II.2.8a

	Mean performance ¹		Total variation in mathematics performance ²		Variation in mathematics performance between schools ³		Variation in mathematics performance within schools ⁴		As a percentage of the average total variation in mathematics performance across OECD countries			Index of academic inclusion ⁵	
	Mean score	S.E.	Variance	S.E.	Variance	S.E.	Variance	S.E.	Total variance	Between schools variance	Within schools variance	Index	S.E.
OECD													
Australia	504	(1.6)	9 273	(228)	2 602	(228)	6 720	(106)	109.4	30.7	79.3	72.1	(1.8)
Austria	506	(2.7)	8 554	(315)	4 080	(373)	4 346	(113)	100.9	48.1	51.3	51.6	(2.4)
Belgium	515	(2.1)	10 459	(283)	5 366	(423)	5 075	(130)	123.3	63.3	59.8	48.6	(2.3)
Canada	518	(1.8)	7 896	(143)	1 563	(134)	6 342	(116)	93.1	18.4	74.7	80.2	(1.4)
Chile	423	(3.1)	6 522	(237)	2 817	(243)	3 669	(95)	76.9	33.2	43.3	56.6	(2.2)
Czech Republic	499	(2.9)	9 016	(308)	4 544	(445)	4 285	(148)	106.3	53.6	50.5	48.5	(2.8)
Denmark	500	(2.3)	6 741	(213)	1 100	(153)	5 582	(171)	79.5	13.0	65.8	83.5	(2.0)
Estonia	521	(2.0)	6 546	(189)	1 129	(187)	5 412	(156)	77.2	13.3	63.8	82.7	(2.4)
Finland	519	(1.9)	7 276	(198)	530	(93)	6 533	(153)	85.8	6.3	77.0	92.5	(1.2)
France	495	(2.5)	9 500	(326)	w	w	w	w	112.0	w	w	w	w
Germany	514	(2.9)	9 275	(317)	4 890	(389)	4 333	(100)	109.4	57.7	51.1	47.0	(2.1)
Greece	453	(2.5)	7 709	(235)	2 441	(305)	5 173	(127)	90.9	28.8	61.0	67.9	(2.9)
Hungary	477	(3.2)	8 767	(450)	5 346	(532)	3 296	(84)	103.4	63.0	38.9	38.1	(2.5)
Iceland	493	(1.7)	8 456	(241)	834	(144)	7 610	(320)	99.7	9.8	89.7	90.1	(1.7)
Ireland	501	(2.2)	7 155	(213)	1 297	(191)	5 815	(139)	84.4	15.3	68.6	81.8	(2.3)
Israel	466	(4.7)	11 008	(382)	4 659	(499)	6 320	(176)	129.8	54.9	74.5	57.6	(2.8)
Italy	485	(2.0)	8 609	(213)	4 381	(215)	4 130	(56)	101.5	51.7	48.7	48.5	(1.3)
Japan	536	(3.6)	8 748	(409)	4 620	(441)	4 094	(106)	103.2	54.5	48.3	47.0	(2.5)
Korea	554	(4.6)	9 818	(426)	3 840	(482)	5 864	(180)	115.8	45.3	69.2	60.4	(3.2)
Luxembourg	490	(1.1)	9 102	(182)	4 525	(2193)	6 516	(348)	107.3	53.4	76.8	59.0	(11.0)
Mexico	413	(1.4)	5 516	(107)	1 940	(108)	3 578	(54)	65.1	22.9	42.2	64.8	(1.3)
Netherlands	523	(3.5)	8 394	(385)	5 534	(474)	2 858	(94)	99.0	65.3	33.7	34.1	(2.2)
New Zealand	500	(2.2)	9 923	(243)	2 387	(338)	7 658	(198)	117.0	28.2	90.3	76.2	(2.7)
Norway	489	(2.7)	8 188	(240)	1 045	(168)	7 063	(176)	96.5	12.3	83.3	87.1	(1.8)
Poland	518	(3.6)	8 168	(341)	1 659	(329)	6 433	(152)	96.3	19.6	75.9	79.5	(3.4)
Portugal	487	(3.8)	8 828	(257)	2 653	(282)	6 212	(159)	104.1	31.3	73.3	70.1	(2.5)
Slovak Republic	482	(3.4)	10 171	(496)	5 008	(536)	5 020	(163)	119.9	59.1	59.2	50.1	(2.9)
Slovenia	501	(1.2)	8 404	(187)	4 904	(462)	3 453	(98)	99.1	57.8	40.7	41.3	(2.5)
Spain	484	(1.9)	7 698	(129)	1 454	(117)	6 263	(112)	90.8	17.2	73.9	81.2	(1.3)
Sweden	478	(2.3)	8 420	(235)	1 042	(168)	7 266	(177)	99.3	12.3	85.7	87.5	(1.8)
Switzerland	531	(3.0)	8 892	(274)	3 196	(296)	5 771	(151)	104.9	37.7	68.1	64.4	(2.3)
Turkey	448	(4.8)	8 296	(555)	5 140	(657)	3 173	(95)	97.8	60.6	37.4	38.2	(3.3)
United Kingdom	494	(3.3)	8 935	(330)	2 517	(289)	6 421	(160)	105.4	29.7	75.7	71.8	(2.5)
United States	481	(3.6)	8 077	(233)	1 916	(215)	6 164	(162)	95.2	22.6	72.7	76.3	(2.2)
OECD average	494	(0.5)	8 481	(51)	3 126	(87)	5 372	(27)	100.0	36.9	63.3	64.1	(0.5)
Partners													
Albania	394	(2.0)	8 372	(256)	380	(87)	7 958	(219)	98.7	4.5	93.9	95.4	(1.0)
Argentina	388	(3.5)	5 891	(266)	2 597	(241)	3 253	(87)	69.5	30.6	38.4	55.6	(2.3)
Brazil	391	(2.1)	6 041	(253)	2 623	(277)	3 457	(80)	71.2	30.9	40.8	56.9	(2.7)
Bulgaria	439	(4.0)	8 821	(411)	4 647	(470)	4 160	(108)	104.0	54.8	49.1	47.2	(2.7)
Colombia	376	(2.9)	5 527	(254)	1 953	(246)	3 618	(111)	65.2	23.0	42.7	64.9	(2.9)
Costa Rica	407	(3.0)	4 674	(247)	1 984	(302)	2 700	(82)	55.1	23.4	31.8	57.6	(3.8)
Croatia	471	(3.5)	7 829	(451)	3 466	(509)	4 360	(133)	92.3	40.9	51.4	55.7	(3.9)
Cyprus*	440	(1.1)	8 675	(158)	2 791	(581)	5 814	(156)	102.3	32.9	68.6	67.6	(4.8)
Hong Kong-China	561	(3.2)	9 277	(370)	3 924	(348)	5 330	(159)	109.4	46.3	62.9	57.6	(2.2)
Indonesia	375	(4.0)	5 093	(463)	2 665	(438)	2 457	(75)	60.1	31.4	29.0	48.0	(4.1)
Jordan	386	(3.1)	6 019	(413)	2 166	(378)	3 852	(98)	71.0	25.5	45.4	64.0	(4.1)
Kazakhstan	432	(3.0)	5 067	(250)	1 861	(241)	3 234	(87)	59.7	21.9	38.1	63.5	(3.1)
Latvia	491	(2.8)	6 705	(248)	1 691	(298)	4 908	(163)	79.1	19.9	57.9	74.4	(3.6)
Liechtenstein	535	(4.0)	9 111	(710)	5 513	(1419)	3 305	(336)	107.1	65.0	39.0	37.5	(6.8)
Lithuania	479	(2.6)	7 942	(243)	2 424	(286)	5 463	(138)	93.6	28.6	64.4	69.3	(2.7)
Macao-China	538	(1.0)	8 929	(205)	3 568	(749)	6 385	(240)	105.3	42.1	75.3	58.2	(4.4)
Malaysia	421	(3.2)	6 581	(263)	2 129	(284)	4 449	(143)	77.6	25.1	52.5	67.6	(3.2)
Montenegro	410	(1.1)	6 835	(177)	2 485	(737)	4 324	(174)	80.6	29.3	51.0	63.5	(7.3)
Peru	368	(3.7)	7 118	(371)	3 244	(364)	3 865	(103)	83.9	38.3	45.6	54.4	(2.8)
Qatar	376	(0.8)	9 973	(148)	4 722	(661)	5 487	(307)	117.6	55.7	64.7	53.8	(3.7)
Romania	445	(3.8)	6 618	(361)	2 986	(330)	3 591	(98)	78.0	35.2	42.3	54.6	(2.8)
Russian Federation	482	(3.0)	7 461	(270)	2 018	(250)	5 502	(151)	88.0	23.8	64.9	73.2	(2.6)
Serbia	449	(3.4)	8 225	(402)	3 776	(479)	4 431	(138)	97.0	44.5	52.3	54.0	(3.3)
Shanghai-China	613	(3.3)	10 199	(460)	4 767	(473)	5 401	(205)	120.3	56.2	63.7	53.1	(2.7)
Singapore	573	(1.3)	11 102	(194)	4 070	(503)	7 033	(213)	130.9	48.0	82.9	63.3	(3.2)
Chinese Taipei	560	(3.3)	13 368	(444)	5 613	(632)	7 710	(259)	157.6	66.2	90.9	57.9	(3.2)
Thailand	427	(3.4)	6 759	(353)	2 866	(354)	3 941	(107)	79.7	33.8	46.5	57.9	(3.0)
Tunisia	388	(3.9)	6 113	(480)	3 017	(486)	3 104	(82)	72.1	35.6	36.6	50.7	(4.1)
United Arab Emirates	434	(2.4)	8 014	(213)	3 559	(312)	4 453	(106)	94.5	42.0	52.5	55.6	(2.2)
Uruguay	409	(2.8)	7 869	(307)	3 297	(376)	4 546	(121)	92.8	38.9	53.6	58.0	(3.0)
Viet Nam	511	(4.8)	7 357	(455)	3 823	(476)	3 509	(110)	86.7	45.1	41.4	47.9	(3.2)

1. The statistics computed for this table were estimated for all students, whether they had data on socio-economic status or not.


2. The total variation in student performance is calculated from the square of the standard deviation for all students.

3. In some countries, sub-units within schools were sampled instead of schools; this may affect the estimation of between-school variation components (see Annex A3).

4. Due to the unbalanced clustered nature of the data, the sum of the between- and within-school variation components, as an estimate from a sample, does not necessarily add up to the total.

5. The index of academic inclusion is calculated as $100*(1-\rho)$, where ρ stands for the intra-class correlation of performance, i.e. the variation in student performance between schools, divided by the sum of the variation in student performance between schools and the variation in student performance within schools.

* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932964908>



[Part 1/3]

Change between 2003 and 2012 in the variation in mathematics performanceTable II.2.8b *Results based on students' self-reports*

	PISA 2003										
	Mean performance ¹		Total variation in mathematics performance ²		Variation in mathematics performance between schools ³		Variation in mathematics performance within schools ⁴		Index of academic inclusion ⁵		
	Mean score	S.E.	Variance	S.E.	Variance	S.E.	Variance	S.E.	Index	S.E.	
OECD	Australia	524	(2.1)	9 106	(286)	1 957	(233)	7 138	(117)	78.5	(2.1)
	Austria	506	(3.3)	8 668	(311)	4 237	(348)	4 290	(127)	50.3	(2.2)
	Belgium	529	(2.3)	12 076	(391)	6 251	(606)	5 718	(134)	47.8	(2.6)
	Canada	532	(1.8)	7 588	(170)	1 301	(121)	6 290	(128)	82.9	(1.4)
	Czech Republic	516	(3.5)	9 207	(358)	4 460	(452)	4 690	(139)	51.3	(2.8)
	Denmark	514	(2.7)	8 341	(264)	1 015	(175)	7 308	(211)	87.8	(1.9)
	Finland	544	(1.9)	7 004	(180)	318	(61)	6 664	(164)	95.4	(0.8)
	France	511	(2.5)	8 410	(329)	w	w	w	w	w	w
	Germany	503	(3.3)	10 528	(363)	5 991	(582)	4 484	(140)	42.8	(2.6)
	Greece	445	(3.9)	8 806	(329)	2 824	(397)	5 872	(186)	67.5	(3.3)
	Hungary	490	(2.8)	8 746	(366)	4 488	(438)	4 065	(89)	47.5	(2.5)
	Iceland	515	(1.4)	8 168	(218)	307	(108)	8 152	(363)	96.4	(1.2)
	Ireland	503	(2.4)	7 270	(214)	1 081	(168)	6 124	(145)	85.0	(2.0)
	Italy	466	(3.1)	9 158	(359)	4 522	(389)	4 528	(90)	50.0	(2.2)
	Japan	534	(4.0)	10 110	(553)	5 350	(595)	4 738	(163)	47.0	(2.9)
	Korea	542	(3.2)	8 536	(394)	3 523	(422)	4 972	(120)	58.5	(3.1)
	Luxembourg	493	(1.0)	8 440	(175)	4 196	(2622)	6 143	(493)	59.4	(16.0)
	Mexico	385	(3.6)	7 301	(316)	3 253	(303)	4 020	(115)	55.3	(2.4)
	Netherlands	538	(3.1)	8 562	(432)	5 198	(502)	3 343	(112)	39.1	(2.6)
	New Zealand	523	(2.3)	9 664	(229)	1 677	(234)	7 988	(217)	82.6	(2.1)
	Norway	495	(2.4)	8 473	(212)	557	(101)	7 925	(210)	93.4	(1.1)
	Poland	490	(2.5)	8 145	(242)	980	(148)	7 149	(171)	87.9	(1.6)
	Portugal	466	(3.4)	7 681	(292)	2 481	(308)	5 216	(151)	67.8	(2.9)
	Slovak Republic	498	(3.3)	8 708	(432)	3 634	(350)	4 866	(157)	57.2	(2.5)
	Spain	485	(2.4)	7 828	(223)	1 746	(211)	6 066	(154)	77.6	(2.2)
	Sweden	509	(2.6)	8 979	(340)	831	(211)	8 133	(250)	90.7	(2.2)
	Switzerland	527	(3.4)	9 680	(403)	3 532	(424)	6 098	(212)	63.3	(3.1)
	Turkey	423	(6.7)	10 973	(1116)	6 006	(1243)	4 890	(167)	44.9	(5.4)
United States	483	(2.9)	9 074	(245)	2 198	(261)	6 807	(154)	75.6	(2.3)	
OECD average 2003	500	(0.6)	8 801	(70)	3 027	(118)	5 800	(35)	66.8	(0.7)	
Partners	Brazil	356	(4.8)	9 946	(588)	4 754	(650)	5 261	(144)	52.5	(3.5)
	Hong Kong-China	550	(4.5)	10 040	(602)	4 806	(499)	5 184	(197)	51.9	(2.3)
	Indonesia	360	(3.9)	6 483	(332)	3 066	(397)	3 409	(94)	52.7	(3.4)
	Latvia	483	(3.7)	7 729	(292)	1 554	(210)	5 994	(180)	79.4	(2.3)
	Liechtenstein	536	(4.1)	9 846	(879)	5 235	(1442)	4 644	(609)	47.0	(6.7)
	Macao-China	527	(2.9)	7 566	(420)	1 163	(289)	6 410	(468)	84.6	(3.8)
	Russian Federation	468	(4.2)	8 513	(356)	2 534	(336)	6 017	(176)	70.4	(2.9)
	Thailand	417	(3.0)	6 718	(295)	2 325	(288)	4 480	(126)	65.8	(2.8)
	Tunisia	359	(2.5)	6 721	(320)	2 844	(345)	3 881	(110)	57.7	(3.1)
	Uruguay	422	(3.3)	9 938	(320)	3 959	(356)	5 920	(155)	59.9	(2.3)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).


Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. The statistics computed for this table were estimated for all students, whether they had data on socio-economic status or not.

2. The total variation in student performance is calculated from the square of the standard deviation for all students.

3. In some countries, sub-units within schools were sampled instead of schools; this may affect the estimation of between-school variation components (see Annex A3).

4. Due to the unbalanced clustered nature of the data, the sum of the between- and within-school variation components, as an estimate from a sample, does not necessarily add up to the total.

5. The index of academic inclusion is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of performance, i.e. the variation in student performance between schools, divided by the sum of the variation in student performance between schools and the variation in student performance within schools.StatLink  <http://dx.doi.org/10.1787/888932964908>

[Part 2/3]

Change between 2003 and 2012 in the variation in mathematics performance*Results based on students' self-reports*

Table II.2.8b

	PISA 2012										
	Mean performance ¹		Total variation in mathematics performance ²		Variation in mathematics performance between schools ³		Variation in mathematics performance within schools ⁴		Index of academic inclusion ⁵		
	Mean score	S.E.	Variance	S.E.	Variance	S.E.	Variance	S.E.	Index	S.E.	
OECD	Australia	504	(1.6)	9 273	(228)	2 602	(228)	6 720	(106)	72.1	(1.8)
	Austria	506	(2.7)	8 554	(315)	4 080	(373)	4 346	(113)	51.6	(2.4)
	Belgium	515	(2.1)	10 459	(283)	5 366	(423)	5 075	(130)	48.6	(2.3)
	Canada	518	(1.8)	7 896	(143)	1 563	(134)	6 342	(116)	80.2	(1.4)
	Czech Republic	499	(2.9)	9 016	(308)	4 544	(445)	4 285	(148)	48.5	(2.8)
	Denmark	500	(2.3)	6 741	(213)	1 100	(153)	5 582	(171)	83.5	(2.0)
	Finland	519	(1.9)	7 276	(198)	530	(93)	6 533	(153)	92.5	(1.2)
	France	495	(2.5)	9 500	(326)	w	w	w	w	w	w
	Germany	514	(2.9)	9 275	(317)	4 890	(389)	4 333	(100)	47.0	(2.1)
	Greece	453	(2.5)	7 709	(235)	2 441	(305)	5 173	(127)	67.9	(2.9)
	Hungary	477	(3.2)	8 767	(450)	5 346	(532)	3 296	(84)	38.1	(2.5)
	Iceland	493	(1.7)	8 456	(241)	834	(144)	7 610	(320)	90.1	(1.7)
	Ireland	501	(2.2)	7 155	(213)	1 297	(191)	5 815	(139)	81.8	(2.3)
	Italy	485	(2.0)	8 609	(213)	4 381	(215)	4 130	(56)	48.5	(1.3)
	Japan	536	(3.6)	8 748	(409)	4 620	(441)	4 094	(106)	47.0	(2.5)
	Korea	554	(4.6)	9 818	(426)	3 840	(482)	5 864	(180)	60.4	(3.2)
	Luxembourg	490	(1.1)	9 102	(182)	4 525	(2193)	6 516	(348)	59.0	(11.0)
	Mexico	413	(1.4)	5 516	(107)	1 940	(108)	3 578	(54)	64.8	(1.3)
	Netherlands	523	(3.5)	8 394	(385)	5 534	(474)	2 858	(94)	34.1	(2.2)
	New Zealand	500	(2.2)	9 923	(243)	2 387	(338)	7 658	(198)	76.2	(2.7)
	Norway	489	(2.7)	8 188	(240)	1 045	(168)	7 063	(176)	87.1	(1.8)
	Poland	518	(3.6)	8 168	(341)	1 659	(329)	6 433	(152)	79.5	(3.4)
	Portugal	487	(3.8)	8 828	(257)	2 653	(282)	6 212	(159)	70.1	(2.5)
	Slovak Republic	482	(3.4)	10 171	(496)	5 008	(536)	5 020	(163)	50.1	(2.9)
	Spain	484	(1.9)	7 698	(129)	1 454	(117)	6 263	(112)	81.2	(1.3)
	Sweden	478	(2.3)	8 420	(235)	1 042	(168)	7 266	(177)	87.5	(1.8)
Switzerland	531	(3.0)	8 892	(274)	3 196	(296)	5 771	(151)	64.4	(2.3)	
Turkey	448	(4.8)	8 296	(555)	5 140	(657)	3 173	(95)	38.2	(3.3)	
United States	481	(3.6)	8 077	(233)	1 916	(215)	6 164	(162)	76.3	(2.2)	
OECD average 2003	494	(0.5)	8 481	(51)	3 117	(86)	5 372	(27)	64.2	(0.5)	
Partners	Brazil	391	(2.1)	6 041	(253)	2 623	(277)	3 457	(80)	56.9	(2.7)
	Hong Kong-China	561	(3.2)	9 277	(370)	3 924	(348)	5 330	(159)	57.6	(2.2)
	Indonesia	375	(4.0)	5 093	(463)	2 665	(438)	2 457	(75)	48.0	(4.1)
	Latvia	491	(2.8)	6 705	(248)	1 691	(298)	4 908	(163)	74.4	(3.6)
	Liechtenstein	535	(4.0)	9 111	(710)	5 513	(1419)	3 305	(336)	37.5	(6.8)
	Macao-China	538	(1.0)	8 931	(177)	4 442	(4943)	6 181	(254)	58.2	(27.3)
	Russian Federation	482	(3.0)	7 461	(270)	2 018	(250)	5 502	(151)	73.2	(2.6)
	Thailand	427	(3.4)	6 759	(353)	2 866	(354)	3 941	(107)	57.9	(3.0)
	Tunisia	388	(3.9)	6 113	(480)	3 017	(486)	3 104	(82)	50.7	(4.1)
	Uruguay	409	(2.8)	7 869	(307)	3 297	(376)	4 546	(121)	58.0	(3.0)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).


Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. The statistics computed for this table were estimated for all students, whether they had data on socio-economic status or not.

2. The total variation in student performance is calculated from the square of the standard deviation for all students.

3. In some countries/economies, sub-units within schools were sampled instead of schools; this may affect the estimation of between-school variation components (see Annex A3).

4. Due to the unbalanced clustered nature of the data, the sum of the between- and within-school variation components, as an estimate from a sample, does not necessarily add up to the total.

5. The *index of academic inclusion* is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of performance, i.e. the variation in student performance between schools, divided by the sum of the variation in student performance between schools and the variation in student performance within schools.StatLink  <http://dx.doi.org/10.1787/888932964908>



[Part 3/3]

Change between 2003 and 2012 in the variation in mathematics performanceTable II.2.8b *Results based on students' self-reports*

	Change between 2003 and 2012 (PISA 2012 - PISA 2003)									Change between 2003 and 2012 as a percentage of 2003 variation (PISA 2012 - PISA 2003) / PISA 2003			
	Mean performance ¹		Total variation in mathematics performance ²		Variation in mathematics performance between schools ³		Variation in mathematics performance within schools ⁴		Index of academic inclusion ⁵		Total variation	Between-school variation	Within-school variation
	Score dif.	S.E.	Var. dif.	S.E.	Var. dif.	S.E.	Var. dif.	S.E.	Dif.	S.E.	Change as %	Change as %	Change as %
OECD													
Australia	-20	(2.7)	167	(366)	644	(326)	-418	(158)	-6.4	(2.8)	1.8	32.9	-5.9
Austria	0	(4.2)	-114	(443)	-157	(510)	55	(171)	1.3	(3.3)	-1.3	-3.7	1.3
Belgium	-15	(3.1)	-1 617	(483)	-885	(739)	-644	(187)	0.8	(3.4)	-13.4	-14.2	-11.3
Canada	-14	(2.6)	308	(222)	262	(181)	52	(172)	-2.6	(2.0)	4.1	20.1	0.8
Czech Republic	-17	(4.6)	-191	(472)	84	(634)	-405	(203)	-2.7	(4.0)	-2.1	1.9	-8.6
Denmark	-14	(3.6)	-1 600	(339)	85	(233)	-1 725	(272)	-4.3	(2.8)	-19.2	8.4	-23.6
Finland	-26	(2.7)	272	(268)	212	(111)	-131	(225)	-3.0	(1.5)	3.9	66.8	-2.0
France	-16	(3.5)	1 089	(463)	w	w	w	w	w	w	13.0	w	w
Germany	11	(4.4)	-1 253	(482)	-1 101	(700)	-151	(172)	4.2	(3.4)	-11.9	-18.4	-3.4
Greece	8	(4.6)	-1 097	(404)	-383	(501)	-699	(226)	0.4	(4.4)	-12.5	-13.6	-11.9
Hungary	-13	(4.3)	20	(580)	858	(689)	-769	(122)	-9.4	(3.5)	0.2	19.1	-18.9
Iceland	-22	(2.2)	288	(325)	527	(180)	-543	(483)	-6.2	(2.1)	3.5	171.5	-6.7
Ireland	-1	(3.3)	-116	(302)	215	(254)	-309	(201)	-3.2	(3.0)	-1.6	19.9	-5.0
Italy	20	(3.7)	-549	(417)	-140	(444)	-398	(106)	-1.5	(2.6)	-6.0	-3.1	-8.8
Japan	2	(5.4)	-1 362	(688)	-730	(740)	-644	(194)	0.0	(3.8)	-13.5	-13.6	-13.6
Korea	12	(5.6)	1 282	(581)	317	(640)	892	(216)	1.9	(4.5)	15.0	9.0	17.9
Luxembourg	-3	(1.5)	662	(252)	329	(3 418)	373	(603)	-0.4	(19.4)	7.8	7.9	6.1
Mexico	28	(3.9)	-1 785	(334)	-1 314	(322)	-442	(128)	9.6	(2.8)	-24.4	-40.4	-11.0
Netherlands	-15	(4.7)	-167	(579)	336	(690)	-484	(147)	-5.1	(3.4)	-2.0	6.5	-14.5
New Zealand	-24	(3.2)	260	(334)	710	(411)	-330	(294)	-6.4	(3.4)	2.7	42.4	-4.1
Norway	-6	(3.6)	-285	(321)	488	(196)	-863	(275)	-6.3	(2.2)	-3.4	87.7	-10.9
Poland	27	(4.4)	23	(418)	679	(361)	-716	(229)	-8.5	(3.8)	0.3	69.4	-10.0
Portugal	21	(5.1)	1 147	(389)	172	(417)	996	(219)	2.3	(3.8)	14.9	6.9	19.1
Slovak Republic	-17	(4.8)	1 463	(658)	1 373	(640)	154	(227)	-7.2	(3.8)	16.8	37.8	3.2
Spain	-1	(3.1)	-130	(258)	-292	(241)	197	(190)	3.5	(2.5)	-1.7	-16.7	3.2
Sweden	-31	(3.4)	-559	(413)	211	(270)	-866	(307)	-3.3	(2.8)	-6.2	25.4	-10.7
Switzerland	4	(4.5)	-789	(487)	-337	(517)	-327	(260)	1.0	(3.9)	-8.1	-9.5	-5.4
Turkey	25	(8.3)	-2 677	(1 246)	-865	(1 406)	-1 717	(192)	-6.7	(6.3)	-24.4	-14.4	-35.1
United States	-2	(4.7)	-997	(338)	-282	(338)	-642	(223)	0.7	(3.2)	-11.0	-12.8	-9.4
OECD average 2003	-4	(0.8)	-263	(88)	84	(148)	-359	(45)	-2.3	(0.9)	-2.5	17.3	-6.2
Partners													
Brazil	35	(5.3)	-3 905	(640)	-2 131	(706)	-1 805	(165)	4.3	(4.4)	-39.3	-44.8	-34.3
Hong Kong-China	11	(5.6)	-762	(707)	-882	(608)	146	(253)	5.7	(3.2)	-7.6	-18.3	2.8
Indonesia	15	(5.6)	-1 390	(570)	-401	(591)	-952	(120)	-4.7	(5.3)	-21.4	-13.1	-27.9
Latvia	7	(4.6)	-1 024	(383)	137	(364)	-1 086	(243)	-5.0	(4.3)	-13.2	8.8	-18.1
Liechtenstein	-1	(5.7)	-735	(1130)	278	(2023)	-1 339	(695)	-9.5	(9.5)	-7.5	5.3	-28.8
Macao-China	11	(3.0)	1 365	(455)	3279	(4952)	-230	(532)	-26.5	(27.5)	18.0	282.0	-3.6
Russian Federation	14	(5.2)	-1 051	(447)	-516	(418)	-515	(232)	2.8	(3.9)	-12.4	-20.4	-8.6
Thailand	10	(4.6)	41	(460)	541	(456)	-539	(166)	-7.9	(4.1)	0.6	23.3	-12.0
Tunisia	29	(4.7)	-608	(577)	173	(596)	-777	(137)	-7.0	(5.1)	-9.1	6.1	-20.0
Uruguay	-13	(4.3)	-2 069	(443)	-662	(518)	-1 374	(197)	-2.0	(3.7)	-20.8	-16.7	-23.2

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. The statistics computed for this table were estimated for all students, whether they had data on socio-economic status or not.

2. The total variation in student performance is calculated from the square of the standard deviation for all students.

3. In some countries/economies, sub-units within schools were sampled instead of schools; this may affect the estimation of between-school variation components (see Annex A3).

4. Due to the unbalanced clustered nature of the data, the sum of the between- and within-school variation components, as an estimate from a sample, does not necessarily add up to the total.

5. The index of academic inclusion is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of performance, i.e. the variation in student performance between schools, divided by the sum of the variation in student performance between schools and the variation in student performance within schools.StatLink <http://dx.doi.org/10.1787/888932964908>

[Part 1/2]

**Relationship between mathematics performance and socio-economic status,
between and within schools¹**
Table II.2.9a *Results based on students' self-reports*

	Overall association of ESCS ² and mathematics performance		Within-school association of ESCS and mathematics performance ³		Between-school association of ESCS and mathematics performance ⁴		Percentage of the overall variation in mathematics performance explained by students' ESCS			Percentage of the overall variation in mathematics performance explained by students' and schools' ESCS		
	Student-level score-point difference associated with one-unit increase in the student-level ESCS	S.E.	Student-level score-point difference associated with one-unit increase in the student-level ESCS	S.E.	School-level score-point difference associated with one-unit increase in the school mean ESCS	S.E.	Overall	Between school	Within school	Overall	Between school	Within school
OECD												
Australia	42	(1.3)	25	(1.3)	64	(4.1)	12.3	31.2	6.0	18.1	55.5	6.1
Austria	43	(2.2)	15	(1.6)	85	(5.9)	15.8	17.4	3.4	29.7	56.3	3.5
Belgium	49	(1.7)	19	(1.5)	102	(6.0)	19.6	22.5	4.8	37.3	70.1	4.8
Canada	31	(1.2)	23	(1.2)	41	(5.0)	9.4	27.0	7.5	12.1	41.8	7.5
Chile	34	(1.6)	9	(1.3)	46	(2.3)	23.1	29.1	1.3	33.4	75.4	1.4
Czech Republic	51	(2.7)	14	(1.7)	127	(6.5)	16.2	15.3	2.1	36.7	70.5	2.1
Denmark	39	(1.7)	31	(1.7)	38	(4.2)	16.5	53.9	10.5	19.3	70.9	10.6
Estonia	29	(1.7)	19	(1.7)	45	(6.9)	8.6	31.5	4.2	11.5	58.0	4.0
Finland	33	(1.8)	29	(1.5)	22	(6.9)	9.4	33.5	9.7	10.1	38.3	9.8
France	57	(2.2)	w	w	w	w	22.5	w	w	41.8	w	w
Germany	43	(2.0)	11	(1.4)	103	(5.6)	16.9	13.8	0.5	38.2	71.3	0.4
Greece	34	(1.8)	18	(1.5)	55	(5.1)	15.5	30.6	4.7	23.7	65.1	4.7
Hungary	47	(2.8)	6	(1.4)	98	(4.9)	23.1	12.1	1.2	46.9	78.4	1.1
Iceland	31	(2.1)	25	(2.9)	45	(8.3)	7.7	41.5	6.0	9.3	68.8	5.9
Ireland	38	(1.8)	26	(1.7)	52	(4.7)	14.6	47.8	6.8	19.7	79.3	6.9
Israel	51	(2.6)	24	(2.1)	98	(7.9)	17.2	25.8	5.2	30.1	66.5	5.2
Italy	30	(1.2)	7	(0.7)	83	(4.1)	10.1	8.1	1.7	25.7	48.4	1.7
Japan	41	(3.9)	4	(1.7)	150	(8.2)	9.8	5.9	1.8	34.2	65.9	1.8
Korea	42	(3.3)	14	(2.0)	114	(10.2)	10.1	13.2	1.5	23.2	57.3	1.5
Luxembourg	37	(1.2)	20	(2.7)	68	(4.9)	18.3	57.0	6.8	31.2	93.3	6.7
Mexico	19	(0.8)	5	(0.5)	29	(1.4)	10.4	16.6	0.8	16.6	46.1	0.9
Netherlands	40	(3.1)	9	(1.6)	147	(10.9)	11.5	7.1	1.5	37.7	57.8	1.5
New Zealand	52	(1.9)	36	(2.3)	66	(6.8)	18.4	50.7	9.8	24.1	78.4	9.9
Norway	32	(2.4)	27	(2.2)	49	(7.8)	7.4	29.5	5.6	9.0	46.4	5.6
Poland	41	(2.4)	32	(1.8)	36	(7.4)	16.6	41.7	9.5	19.4	56.8	9.5
Portugal	35	(1.6)	23	(1.4)	33	(4.0)	19.6	43.8	9.6	23.7	62.1	9.6
Slovak Republic	54	(2.9)	21	(2.1)	86	(6.4)	24.6	28.0	4.7	37.5	73.8	4.6
Slovenia	42	(1.5)	3	(1.5)	126	(5.6)	15.6	5.3	0.2	44.1	77.7	0.1
Spain	34	(1.1)	27	(1.0)	26	(3.2)	15.8	42.8	10.3	17.8	54.7	10.4
Sweden	36	(1.9)	28	(2.0)	41	(7.3)	10.6	40.5	9.7	12.8	55.5	9.8
Switzerland	38	(1.8)	25	(1.5)	66	(8.9)	12.8	21.3	7.2	19.4	44.0	7.2
Turkey	32	(2.4)	6	(1.0)	83	(7.4)	14.5	8.6	1.3	35.8	57.6	1.4
United Kingdom	41	(2.4)	24	(1.7)	73	(6.5)	12.5	33.2	6.4	19.7	63.6	6.4
United States	35	(1.7)	24	(1.9)	41	(5.4)	14.8	36.7	6.7	18.8	57.8	6.8
OECD average	39	(0.4)	19	(0.3)	72	(1.1)	14.8	27.8	5.1	25.5	62.8	5.2
Partners												
Albania	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	26	(1.7)	9	(1.2)	49	(5.7)	15.1	22.4	2.4	26.9	62.1	2.4
Brazil	26	(1.7)	8	(0.8)	46	(3.0)	15.7	20.2	2.0	27.1	61.5	2.0
Bulgaria	42	(2.7)	12	(1.4)	73	(5.7)	22.3	21.2	2.5	37.7	72.2	2.5
Colombia	25	(1.7)	11	(1.2)	35	(3.6)	15.4	28.6	3.0	22.8	60.3	3.0
Costa Rica	24	(1.6)	10	(1.0)	34	(3.6)	18.9	28.6	3.5	27.9	61.7	3.5
Croatia	36	(2.6)	12	(1.6)	90	(9.2)	12.0	14.4	2.3	26.6	58.8	2.3
Cyprus*	38	(1.6)	20	(1.9)	72	(11.2)	14.1	0.0	6.0	23.5	62.9	6.0
Hong Kong-China	27	(2.6)	4	(1.5)	65	(7.9)	7.5	8.0	0.6	17.3	41.9	0.7
Indonesia	20	(3.4)	6	(1.0)	37	(6.0)	9.6	8.8	1.3	17.5	32.7	1.3
Jordan	22	(2.2)	11	(1.3)	47	(8.5)	8.4	18.6	4.8	15.3	42.6	4.8
Kazakhstan	27	(2.8)	15	(1.6)	45	(8.0)	8.0	13.3	3.2	12.2	29.7	3.1
Latvia	35	(2.1)	22	(1.6)	46	(5.7)	14.7	35.2	5.5	19.3	62.2	5.5
Liechtenstein	28	(5.8)	8	(5.3)	132	(53.5)	7.6	8.3	2.2	28.3	51.0	2.2
Lithuania	36	(1.8)	19	(1.5)	66	(5.8)	13.8	27.5	4.5	22.5	63.9	4.5
Macao-China	17	(1.5)	7	(1.5)	31	(12.2)	2.6	4.9	4.7	5.1	14.2	5.8
Malaysia	30	(2.1)	15	(1.5)	49	(5.8)	13.4	26.3	3.7	21.0	57.8	3.8
Montenegro	33	(1.3)	12	(1.8)	102	(6.0)	12.7	18.7	2.4	31.8	85.7	2.4
Peru	33	(2.0)	10	(1.1)	49	(2.6)	23.4	28.9	1.9	35.9	78.4	1.9
Qatar	27	(1.2)	10	(2.3)	73	(13.1)	5.6	0.0	1.6	14.0	29.7	1.7
Romania	38	(2.9)	17	(1.6)	57	(6.3)	19.3	27.2	4.4	29.6	61.5	4.5
Russian Federation	38	(3.2)	26	(2.2)	47	(7.0)	11.4	26.4	5.1	14.3	44.5	5.0
Serbia	34	(2.4)	9	(1.5)	101	(7.0)	11.7	11.9	1.0	30.8	65.6	1.0
Shanghai-China	41	(2.7)	10	(1.8)	88	(6.2)	15.1	14.4	1.5	31.2	65.4	1.6
Singapore	44	(1.4)	22	(1.8)	85	(11.5)	14.4	23.9	4.4	25.0	61.2	4.4
Chinese Taipei	58	(2.5)	27	(1.9)	123	(9.0)	17.9	0.0	5.2	33.3	72.2	5.3
Thailand	22	(2.4)	9	(1.2)	35	(5.2)	9.9	15.5	1.6	15.4	40.0	1.5
Tunisia	22	(2.6)	6	(1.0)	45	(5.5)	12.4	11.6	2.1	24.3	48.3	2.1
United Arab Emirates	33	(1.9)	12	(1.4)	71	(7.3)	9.8	12.5	1.9	19.2	41.6	1.9
Uruguay	37	(1.8)	15	(1.2)	52	(3.3)	22.8	33.8	4.2	33.8	74.1	4.3
Viet Nam	29	(2.6)	8	(1.3)	49	(6.5)	14.6	13.8	1.3	24.9	46.9	1.4

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. In some countries, sub-units within schools were sampled instead of schools as administrative units; this may affect the estimation of school-level effects (see Annex A3).


2. ESCS refers to the *PISA index of economic, social and cultural status*.

3. Two-level regression of mathematics performance on student ESCS and school mean ESCS: within-school slope for ESCS and student-level variation explained by the model.

4. Two-level regression of mathematics performance on student ESCS and school mean ESCS: between-school slope for ESCS and school-level variation explained by the model.

5. Two-level regression of mathematics performance on student-level ESCS, student-level ESCS squared, school mean ESCS, and school mean ESCS squared. The within-school index of curvilinearity corresponds to the coefficient of student-level ESCS squared.

6. Two-level regression of mathematics performance on student ESCS, student ESCS squared, school mean ESCS and school mean ESCS squared: between-school index of curvilinearity corresponds to the coefficient of school mean ESCS squared.

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[Part 2/2]
**Relationship between mathematics performance and socio-economic status,
 between and within schools¹**

Table II.2.9a *Results based on students' self-reports*

	Within-school index of curvilinearity of ESCS ⁵		Between-school index of curvilinearity of ESCS ⁶		Percentage of the overall variation in mathematics performance explained by students' study programmes		Percentage of the overall variation in mathematics performance explained by students' study programmes and students' and schools' ESCS	
	Student-level score-point difference associated with one-unit increase in the student-level ESCS	S.E.	School-level score-point difference associated with one-unit increase in the school mean ESCS	S.E.	Between school	Within school	Between school	Within school
OECD								
Australia	0	(1.1)	11	(6.5)	7.6	4.6	58.6	8.9
Austria	-3	(1.3)	-24	(7.7)	65.0	1.7	72.1	4.2
Belgium	1	(1.0)	3	(8.3)	79.0	19.9	88.9	21.3
Canada	1	(1.0)	9	(9.5)	0.4	6.2	33.4	10.7
Chile	-1	(0.7)	4	(2.0)	8.4	3.2	78.0	4.6
Czech Republic	-4	(1.8)	-1	(10.1)	47.1	1.6	75.7	3.5
Denmark	1	(1.3)	-2	(7.7)	7.3	0.7	70.8	10.6
Estonia	2	(1.9)	48	(8.6)	0.0	0.0	58.0	4.0
Finland	1	(1.4)	-3	(10.9)	0.0	0.0	38.3	9.8
France	w	w	w	w	w	w	w	w
Germany	-2	(1.3)	-14	(8.3)	82.1	0.8	85.3	2.5
Greece	1	(1.1)	-2	(5.4)	59.8	0.4	80.8	4.7
Hungary	-1	(1.1)	13	(4.9)	62.1	0.8	82.7	1.4
Iceland	1	(2.1)	25	(16.2)	0.0	0.0	68.8	5.9
Ireland	2	(1.5)	-25	(6.4)	-1.7	3.3	76.4	9.5
Israel	3	(1.4)	9	(14.2)	4.7	3.0	68.1	7.2
Italy	0	(0.6)	-25	(5.4)	39.9	0.8	54.6	1.7
Japan	-1	(1.7)	-7	(17.7)	13.1	1.7	66.9	1.8
Korea	4	(1.8)	-4	(20.7)	35.2	0.2	61.3	1.8
Luxembourg	0	(0.9)	3	(9.7)	82.4	37.1	91.8	37.8
Mexico	0	(0.3)	2	(1.0)	26.4	0.2	58.5	0.9
Netherlands	1	(1.0)	-38	(23.5)	87.7	22.4	88.1	22.8
New Zealand	-1	(2.3)	-5	(9.1)	4.0	3.4	76.9	11.8
Norway	-3	(1.6)	8	(19.9)	0.0	0.0	46.5	5.6
Poland	-5	(1.7)	31	(9.9)	0.0	0.0	56.8	9.5
Portugal	-1	(1.0)	-11	(3.7)	76.3	26.3	85.7	29.9
Slovak Republic	-2	(1.3)	16	(5.9)	54.2	3.0	79.7	7.0
Slovenia	-1	(1.3)	14	(9.9)	78.6	0.4	84.1	0.4
Spain	-1	(0.7)	-4	(4.0)	0.0	0.0	54.7	10.4
Sweden	-1	(1.3)	-7	(11.1)	16.2	3.5	59.5	9.8
Switzerland	-4	(1.2)	15	(16.1)	24.5	0.8	53.1	7.7
Turkey	-1	(0.7)	14	(7.3)	46.6	6.8	73.4	7.6
United Kingdom	2	(1.5)	8	(13.2)	6.4	2.0	63.6	6.4
United States	6	(1.1)	0	(7.1)	14.5	7.8	62.8	12.6
OECD average	0	(0.2)	2	(1.9)	40.0	10.4	71.2	13.9
Partners								
Albania	m	m	m	m	m	m	m	m
Argentina	1	(0.7)	8	(8.2)	34.2	9.7	72.7	11.3
Brazil	0	(0.5)	14	(2.3)	21.8	6.5	70.1	8.0
Bulgaria	-1	(0.8)	19	(3.8)	25.1	2.2	70.1	3.8
Colombia	1	(0.7)	9	(3.0)	19.7	14.3	63.1	15.9
Costa Rica	1	(0.6)	8	(2.7)	15.3	8.0	66.1	10.8
Croatia	-2	(1.1)	30	(16.8)	70.0	15.2	73.5	15.7
Cyprus*	0	(1.3)	11	(14.1)	0.0	0.0	62.9	6.0
Hong Kong-China	0	(1.2)	-44	(11.5)	7.6	6.1	44.3	6.2
Indonesia	0	(0.7)	16	(3.3)	19.2	0.3	38.2	1.3
Jordan	0	(0.7)	29	(4.7)	0.0	0.0	42.6	4.8
Kazakhstan	0	(1.4)	22	(12.5)	-2.7	2.3	28.9	4.8
Latvia	-3	(1.4)	22	(7.1)	5.0	2.5	63.0	7.6
Liechtenstein	-5	(2.5)	-131	(148.9)	10.9	2.7	54.0	4.3
Lithuania	-2	(1.5)	19	(9.5)	34.7	1.2	67.6	5.2
Macao-China	2	(1.3)	-18	(16.5)	33.4	21.1	37.3	21.2
Malaysia	2	(0.9)	24	(6.7)	32.6	26.9	63.5	28.1
Montenegro	0	(1.2)	12	(9.6)	55.0	7.2	83.7	8.3
Peru	0	(0.5)	9	(1.9)	20.8	9.4	78.9	10.6
Qatar	-1	(1.0)	50	(19.4)	68.3	4.2	75.5	4.9
Romania	2	(0.9)	17	(4.1)	1.2	0.2	61.9	4.5
Russian Federation	-4	(1.8)	46	(8.2)	0.8	4.2	42.7	8.2
Serbia	-1	(1.3)	13	(11.9)	58.2	5.2	72.4	5.9
Shanghai-China	-5	(1.3)	14	(8.7)	58.8	1.9	85.0	3.0
Singapore	-1	(1.3)	-43	(17.2)	0.0	0.0	61.2	4.4
Chinese Taipei	-4	(1.4)	-22	(13.8)	35.3	2.6	79.0	7.1
Thailand	3	(0.7)	20	(5.5)	20.1	2.0	47.9	3.4
Tunisia	2	(0.6)	12	(4.8)	59.0	2.3	74.9	3.5
United Arab Emirates	0	(0.8)	23	(10.4)	0.0	0.0	41.6	1.9
Uruguay	1	(0.8)	-9	(3.7)	53.5	12.2	83.8	14.6
Viet Nam	1	(0.7)	-5	(6.6)	32.8	0.0	60.2	1.4

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. In some countries, sub-units within schools were sampled instead of schools as administrative units; this may affect the estimation of school-level effects (see Annex A3).

2. ESCS refers to the *PISA index of economic, social and cultural status*.

3. Two-level regression of mathematics performance on student ESCS and school mean ESCS: within-school slope for ESCS and student-level variation explained by the model.

4. Two-level regression of mathematics performance on student ESCS and school mean ESCS: between-school slope for ESCS and school-level variation explained by the model.

5. Two-level regression of mathematics performance on student-level ESCS, student-level ESCS squared, school mean ESCS, and school mean ESCS squared. The within-school index of curvilinearity corresponds to the coefficient of student-level ESCS squared.

6. Two-level regression of mathematics performance on student ESCS, student ESCS squared, school mean ESCS and school mean ESCS squared: between-school index of curvilinearity corresponds to the coefficient of school mean ESCS squared.

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[Part 1/3]

Change between 2003 and 2012 in the relationship between mathematics performance and socio-economic status, between and within schools

Table II.2.9b Results based on students' self-reports

		PISA 2003											
		Overall association of ESCS ¹ and mathematics performance		Within-school association of ESCS and mathematics performance ²		Between-school association of ESCS and mathematics performance ³		Strength of the relationship between ESCS and mathematics performance		Within-school strength of the relationship between ESCS and mathematics performance ²		Between-school strength of the relationship between ESCS and mathematics performance ³	
		Student-level score-point difference associated with one-unit increase in ESCS	S.E.	Student-level score-point difference associated with one-unit increase in student-level ESCS	S.E.	School-level score-point difference associated with one-unit increase in school mean ESCS	S.E.	Percentage of the overall variation in student performance explained by students' socio-economic status	S.E.	Percentage of the within-school variation in student performance explained by students' socio-economic status	S.E.	Percentage of the between-school variation in student performance explained by schools' socio-economic status	S.E.
OECD	Australia	40	(1.8)	26	(1.1)	54	(4.1)	14.0	(1.1)	6.2	(0.5)	69.2	(7.2)
	Austria	42	(2.2)	9	(1.4)	100	(5.8)	15.1	(1.5)	1.5	(0.9)	70.7	(1.9)
	Belgium	51	(1.9)	22	(1.3)	88	(5.8)	23.0	(1.4)	5.8	(0.7)	73.9	(1.2)
	Canada	30	(1.3)	23	(1.0)	31	(3.7)	10.2	(0.8)	4.6	(0.6)	44.3	(4.0)
	Czech Republic	46	(2.0)	17	(1.6)	94	(5.3)	18.5	(1.3)	3.0	(0.9)	75.8	(2.9)
	Denmark	39	(1.8)	32	(1.7)	28	(5.0)	17.3	(1.5)	11.9	(0.8)	71.7	(5.5)
	Finland	28	(1.4)	28	(1.3)	0	(5.6)	10.5	(1.0)	10.2	(0.7)	26.7	(21.3)
	France	43	(2.2)	w	w	w	w	20.2	(1.8)	w	w	w	w
	Germany	44	(1.6)	15	(1.5)	82	(4.6)	23.8	(1.4)	3.2	(1.0)	83.1	(2.4)
	Greece	36	(2.0)	17	(1.7)	58	(6.0)	16.0	(1.9)	3.9	(1.0)	70.8	(4.3)
	Hungary	50	(2.1)	12	(1.6)	86	(3.6)	25.7	(1.8)	1.8	(0.7)	85.2	(1.2)
	Iceland	26	(1.6)	26	(1.7)	8	(5.7)	7.1	(0.9)	5.9	(1.4)	54.4	(16.3)
	Ireland	36	(1.7)	27	(1.5)	40	(5.1)	15.7	(1.4)	8.3	(0.7)	77.5	(6.6)
	Italy	31	(1.8)	8	(1.0)	69	(5.5)	12.3	(1.3)	1.1	(0.6)	51.4	(2.7)
	Japan	43	(4.5)	5	(1.8)	121	(11.4)	11.8	(2.1)	0.6	(1.1)	60.4	(4.8)
	Korea	38	(2.8)	12	(1.5)	78	(6.9)	14.5	(2.0)	2.1	(0.7)	65.3	(6.6)
	Luxembourg	35	(1.2)	19	(4.4)	72	(7.2)	16.6	(1.0)	5.5	(2.8)	95.2	(1.4)
	Mexico	30	(1.9)	7	(0.9)	53	(3.3)	17.2	(2.0)	1.6	(0.9)	68.1	(4.0)
	Netherlands	39	(2.2)	12	(1.4)	105	(5.5)	18.3	(1.8)	2.0	(1.0)	77.8	(3.6)
	New Zealand	44	(1.7)	35	(1.8)	53	(5.8)	16.6	(1.2)	10.5	(0.8)	71.7	(2.8)
	Norway	41	(1.8)	38	(2.0)	20	(7.0)	12.1	(1.1)	9.9	(0.8)	48.4	(6.0)
	Poland	40	(1.6)	33	(1.7)	26	(4.7)	16.5	(1.2)	10.7	(0.7)	68.8	(7.7)
	Portugal	28	(1.2)	18	(1.1)	37	(3.9)	18.5	(1.6)	9.2	(0.9)	60.4	(3.6)
	Slovak Republic	48	(2.5)	20	(1.7)	79	(4.5)	23.6	(2.0)	5.1	(1.0)	81.7	(2.9)
	Spain	27	(1.4)	18	(1.3)	31	(3.5)	12.6	(1.2)	5.4	(0.8)	55.5	(2.1)
	Sweden	36	(1.9)	32	(1.8)	28	(6.9)	14.3	(1.3)	11.2	(0.9)	58.1	(5.5)
	Switzerland	41	(1.8)	23	(1.8)	62	(7.2)	18.0	(1.3)	7.2	(1.2)	59.5	(4.1)
	Turkey	50	(5.0)	11	(1.5)	87	(7.0)	24.9	(3.9)	1.7	(1.1)	78.7	(2.4)
United States	42	(1.4)	29	(1.5)	46	(4.3)	19.0	(1.1)	9.6	(0.9)	66.6	(1.9)	
OECD average 2003	39	(0.4)	20	(0.3)	59	(1.1)	16.7	(0.3)	5.7	(0.2)	66.8	(1.2)	
Partners	Brazil	31	(2.8)	4	(1.4)	63	(4.8)	15.1	(2.3)	1.0	(0.9)	61.2	(4.4)
	Hong Kong-China	30	(2.7)	6	(1.9)	90	(10.8)	7.9	(1.4)	0.4	(1.2)	46.7	(5.5)
	Indonesia	22	(2.6)	1	(1.2)	62	(5.9)	7.2	(1.7)	0.0	(0.9)	44.3	(2.8)
	Latvia	35	(2.0)	26	(1.9)	39	(7.4)	11.9	(1.3)	7.0	(0.9)	47.1	(3.2)
	Liechtenstein	47	(4.7)	12	(3.7)	109	(10.3)	22.5	(4.1)	2.2	(4.0)	90.3	(5.7)
	Macao-China	13	(3.2)	7	(2.9)	24	(12.5)	1.8	(0.9)	0.6	(1.6)	19.9	(4.6)
	Russian Federation	31	(1.9)	18	(1.5)	55	(6.9)	10.6	(1.2)	4.0	(0.9)	48.1	(4.2)
	Thailand	23	(2.1)	7	(1.4)	36	(4.0)	11.4	(1.9)	0.8	(0.9)	54.4	(8.4)
	Tunisia	25	(2.3)	8	(1.2)	47	(4.6)	13.8	(2.5)	2.3	(0.9)	56.6	(7.3)
	Uruguay	35	(1.9)	13	(1.4)	62	(3.7)	15.9	(1.7)	2.6	(0.8)	67.4	(4.3)


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the *PISA index of economic, social and cultural status* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. Two-level regression of mathematics performance on student ESCS and school mean ESCS: within-school slope for ESCS and student-level variation explained by the model.

3. Two-level regression of mathematics performance on student ESCS and school mean ESCS: between-school slope for ESCS and school-level variation explained by the model.

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[Part 2/3]

Change between 2003 and 2012 in the relationship between mathematics performance and socio-economic status, between and within schools

Table II.2.9b Results based on students' self-reports

		PISA 2012											
		Overall association of ESCS ¹ and mathematics performance		Within-school association of ESCS and mathematics performance ²		Between-school association of ESCS and mathematics performance ³		Strength of the relationship between ESCS and mathematics performance		Within-school strength of the relationship between ESCS and mathematics performance ²		Between-school strength of the relationship between ESCS and mathematics performance ³	
		Student-level score-point difference associated with one-unit increase in ESCS	S.E.	Student-level score-point difference associated with one-unit increase in student-level ESCS	S.E.	School-level score-point difference associated with one-unit increase in school mean ESCS	S.E.	Percentage of the overall variation in student performance explained by students' socio-economic status	S.E.	Percentage of the within-school variation in student performance explained by students' socio-economic status	S.E.	Percentage of the between-school variation in student performance explained by schools' socio-economic status	S.E.
OECD	Australia	42	(1.3)	25	(1.3)	64	(4.1)	12.3	(0.8)	6.1	(0.5)	55.5	(4.3)
	Austria	43	(2.2)	15	(1.6)	85	(5.9)	15.8	(1.5)	3.5	(0.8)	56.3	(2.2)
	Belgium	49	(1.7)	19	(1.5)	102	(6.0)	19.6	(1.4)	4.8	(0.8)	70.1	(2.3)
	Canada	31	(1.2)	23	(1.2)	41	(5.0)	9.4	(0.7)	7.5	(0.5)	41.8	(3.9)
	Czech Republic	51	(2.7)	14	(1.7)	127	(6.5)	16.2	(1.5)	2.1	(1.1)	70.5	(3.2)
	Denmark	39	(1.7)	31	(1.7)	38	(4.2)	16.5	(1.4)	10.6	(0.9)	70.9	(2.2)
	Finland	33	(1.8)	29	(1.5)	22	(6.9)	9.4	(0.9)	9.8	(0.7)	38.3	(10.1)
	France	57	(2.2)	w	w	w	w	22.5	(1.3)	w	w	w	w
	Germany	43	(2.0)	11	(1.4)	103	(5.6)	16.9	(1.4)	0.4	(1.5)	71.3	(3.4)
	Greece	34	(1.8)	18	(1.5)	55	(5.1)	15.5	(1.5)	4.7	(0.7)	65.1	(4.4)
	Hungary	47	(2.8)	6	(1.4)	98	(4.9)	23.1	(2.3)	1.1	(0.8)	78.4	(3.3)
	Iceland	31	(2.1)	25	(2.9)	45	(8.3)	7.7	(1.0)	5.9	(1.7)	68.8	(9.7)
	Ireland	38	(1.8)	26	(1.7)	52	(4.7)	14.6	(1.2)	6.9	(1.1)	79.3	(1.5)
	Italy	30	(1.2)	7	(0.7)	83	(4.1)	10.1	(0.6)	1.7	(0.4)	48.4	(1.9)
	Japan	41	(3.9)	4	(1.7)	150	(8.2)	9.8	(1.6)	1.8	(0.8)	65.9	(5.2)
	Korea	42	(3.3)	14	(2.0)	114	(10.2)	10.1	(1.4)	1.5	(1.0)	57.3	(5.3)
	Luxembourg	37	(1.2)	20	(2.7)	68	(4.9)	18.3	(1.1)	6.7	(2.8)	93.8	(3.2)
	Mexico	19	(0.8)	5	(0.5)	29	(1.4)	10.4	(0.8)	0.9	(0.5)	46.1	(0.4)
	Netherlands	40	(3.1)	9	(1.6)	147	(10.9)	11.5	(1.7)	1.5	(1.0)	57.8	(5.7)
	New Zealand	52	(1.9)	36	(2.3)	66	(6.8)	18.4	(1.3)	9.9	(0.8)	78.4	(3.1)
Norway	32	(2.4)	27	(2.2)	49	(7.8)	7.4	(1.0)	5.6	(1.4)	46.5	(2.5)	
Poland	41	(2.4)	32	(1.8)	36	(7.4)	16.6	(1.7)	9.5	(1.1)	56.8	(9.1)	
Portugal	35	(1.6)	23	(1.4)	33	(4.0)	19.6	(1.8)	9.6	(0.9)	62.1	(5.3)	
Slovak Republic	54	(2.9)	21	(2.1)	86	(6.4)	24.6	(2.1)	4.6	(1.1)	73.8	(3.4)	
Spain	34	(1.1)	27	(1.0)	26	(3.2)	15.8	(1.0)	10.4	(0.5)	54.7	(3.8)	
Sweden	36	(1.9)	28	(2.0)	41	(7.3)	10.6	(1.1)	9.8	(0.7)	55.5	(4.9)	
Switzerland	38	(1.8)	25	(1.5)	66	(8.9)	12.8	(1.2)	7.2	(2.0)	44.0	(7.0)	
Turkey	32	(2.4)	6	(1.0)	83	(7.4)	14.5	(1.8)	1.4	(0.9)	57.6	(7.2)	
United States	35	(1.7)	24	(1.9)	41	(5.4)	14.8	(1.3)	6.8	(0.8)	57.8	(3.4)	
OECD average 2003	39	(0.4)	20	(0.3)	71	(1.2)	14.7	(0.3)	5.4	(0.2)	61.9	(0.9)	
Partners	Brazil	26	(1.7)	8	(0.8)	46	(3.0)	15.7	(1.6)	2.0	(0.7)	61.5	(3.5)
	Hong Kong-China	27	(2.6)	4	(1.5)	65	(7.9)	7.5	(1.5)	0.7	(0.9)	41.9	(8.1)
	Indonesia	20	(3.4)	6	(1.0)	37	(6.0)	9.6	(3.0)	1.3	(1.0)	32.7	(12.4)
	Latvia	35	(2.1)	22	(1.6)	46	(5.7)	14.7	(1.7)	5.5	(1.0)	62.2	(6.7)
	Liechtenstein	28	(5.8)	8	(5.3)	132	(53.5)	7.6	(3.1)	2.2	(3.2)	51.0	(18.5)
	Macao-China	17	(1.5)	7	(1.5)	31	(12.2)	2.6	(0.4)	5.8	(1.2)	14.2	(6.8)
	Russian Federation	38	(3.2)	26	(2.2)	47	(7.0)	11.4	(1.7)	5.0	(0.8)	44.5	(7.5)
	Thailand	22	(2.4)	9	(1.2)	35	(5.2)	9.9	(2.2)	1.5	(0.8)	40.0	(12.8)
	Tunisia	22	(2.6)	6	(1.0)	45	(5.5)	12.4	(2.4)	2.1	(0.8)	48.3	(4.3)
	Uruguay	37	(1.8)	15	(1.2)	52	(3.3)	22.8	(1.9)	4.3	(0.8)	74.1	(1.2)


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the *PISA index of economic, social and cultural status* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. Two-level regression of mathematics performance on student ESCS and school mean ESCS: within-school slope for ESCS and student-level variation explained by the model.

3. Two-level regression of mathematics performance on student ESCS and school mean ESCS: between-school slope for ESCS and school-level variation explained by the model.

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[Part 3/3]

Change between 2003 and 2012 in the relationship between mathematics performance and socio-economic status, between and within schools

Table II.2.9b Results based on students' self-reports

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)											
		Overall association of ESCS ¹ and mathematics performance		Within-school association of ESCS and mathematics performance ²		Between-school association of ESCS and mathematics performance ³		Strength of the relationship between ESCS and mathematics performance		Within-school strength of the relationship between ESCS and mathematics performance ²		Between-school strength of the relationship between ESCS and mathematics performance ³	
		Change in the student-level score-point difference associated with one-unit increase in ESCS	S.E.	Change in the student-level score-point difference associated with one-unit increase in the student-level ESCS	S.E.	Change in the school-level score point-difference associated with one-unit increase in school mean ESCS	S.E.	Change in the percentage of the overall variation in student performance explained by students' socio-economic status	S.E.	Change in the percentage of the within-school variation in student performance explained by students' socio-economic status	S.E.	Change in the percentage of the between-school variation in student performance explained by schools' socio-economic status	S.E.
OECD	Australia	2	(2.2)	-1	(1.7)	10	(5.9)	-1.6	(1.3)	-0.1	(0.7)	-13.7	(8.4)
	Austria	2	(3.1)	7	(2.1)	-15	(8.3)	0.8	(2.1)	2.0	(1.2)	-14.4	(2.9)
	Belgium	-2	(2.6)	-4	(2.0)	12	(8.4)	-3.4	(1.9)	-1.4	(1.0)	-1.5	(2.6)
	Canada	1	(1.8)	0	(1.6)	9	(6.2)	-0.8	(1.1)	2.9	(0.8)	-2.5	(5.6)
	Czech Republic	5	(3.4)	-3	(2.4)	33	(8.4)	-2.3	(2.0)	-0.9	(1.4)	-5.2	(4.4)
	Denmark	1	(2.5)	-1	(2.4)	10	(6.5)	-0.8	(2.0)	-1.3	(1.2)	-0.8	(5.9)
	Finland	5	(2.3)	2	(2.0)	22	(8.9)	-1.1	(1.4)	-0.4	(1.0)	11.7	(23.5)
	France	14	(3.1)	w	w	w	w	2.2	(2.3)	w	w	w	w
	Germany	-1	(2.5)	-4	(2.1)	21	(7.2)	-6.9	(2.0)	-2.8	(1.8)	-11.8	(4.2)
	Greece	-2	(2.8)	0	(2.3)	-3	(7.9)	-0.5	(2.4)	0.8	(1.2)	-5.7	(6.2)
	Hungary	-3	(3.5)	-5	(2.1)	12	(6.1)	-2.6	(2.9)	-0.6	(1.0)	-6.8	(3.5)
	Iceland	5	(2.6)	-1	(3.4)	36	(10.1)	0.6	(1.3)	0.0	(2.2)	14.4	(19.0)
	Ireland	2	(2.5)	-1	(2.3)	13	(6.9)	-1.1	(1.9)	-1.4	(1.3)	1.8	(6.8)
	Italy	-1	(2.2)	-1	(1.2)	14	(6.9)	-2.2	(1.4)	0.6	(0.8)	-3.0	(3.3)
	Japan	-2	(6.0)	-1	(2.5)	29	(14.0)	-2.0	(2.6)	1.3	(1.3)	5.4	(7.1)
	Korea	5	(4.3)	2	(2.5)	36	(12.3)	-4.4	(2.4)	-0.6	(1.2)	-8.0	(8.5)
	Luxembourg	2	(1.7)	1	(5.2)	-4	(8.7)	1.7	(1.5)	1.2	(3.9)	-1.4	(3.5)
	Mexico	-11	(2.0)	-2	(1.1)	-24	(3.6)	-6.8	(2.2)	-0.7	(1.0)	-22.0	(4.0)
	Netherlands	0	(3.8)	-3	(2.2)	41	(12.2)	-6.8	(2.4)	-0.6	(1.4)	-20.0	(6.8)
	New Zealand	8	(2.5)	1	(2.9)	13	(8.9)	1.8	(1.8)	-0.6	(1.1)	6.7	(4.1)
Norway	-8	(3.1)	-11	(3.0)	29	(10.5)	-4.7	(1.5)	-4.3	(1.6)	-1.9	(6.5)	
Poland	1	(2.9)	-2	(2.5)	10	(8.8)	0.2	(2.0)	-1.2	(1.3)	-12.0	(11.9)	
Portugal	7	(2.0)	5	(1.8)	-4	(5.5)	1.1	(2.4)	0.4	(1.3)	1.7	(6.4)	
Slovak Republic	6	(3.8)	0	(2.7)	7	(7.8)	1.0	(2.9)	-0.5	(1.4)	-7.9	(4.5)	
Spain	6	(1.8)	9	(1.6)	-5	(4.7)	3.2	(1.6)	4.9	(0.9)	-0.8	(4.3)	
Sweden	-1	(2.7)	-4	(2.6)	12	(10.0)	-3.7	(1.7)	-1.4	(1.1)	-2.6	(7.4)	
Switzerland	-3	(2.6)	2	(2.4)	4	(11.4)	-5.2	(1.8)	0.0	(2.3)	-15.5	(8.1)	
Turkey	-18	(5.6)	-5	(1.8)	-4	(10.2)	-10.4	(4.3)	-0.4	(1.4)	-21.1	(7.6)	
United States	-7	(2.2)	-6	(2.4)	-5	(6.9)	-4.2	(1.8)	-2.8	(1.2)	-8.9	(3.9)	
OECD average 2003	0	(0.6)	-0.8	(0.5)	12.0	(1.6)	-2.0	(0.4)	-0.3	(0.3)	-4.9	(1.5)	
Partners	Brazil	-5	(3.2)	4	(1.6)	-17	(5.7)	0.7	(2.8)	1.1	(1.1)	0.3	(5.7)
	Hong Kong-China	-3	(3.8)	-1	(2.4)	-25	(13.4)	-0.4	(2.0)	0.2	(1.5)	-4.8	(9.8)
	Indonesia	-1	(4.3)	5	(1.5)	-25	(8.4)	2.4	(3.4)	1.3	(1.3)	-11.5	(12.7)
	Latvia	1	(2.9)	-4	(2.5)	7	(9.3)	2.8	(2.2)	-1.5	(1.3)	15.1	(7.4)
	Liechtenstein	-19	(7.5)	-3	(6.5)	23	(54.5)	-14.9	(5.1)	0.0	(5.2)	-39.3	(19.3)
	Macao-China	5	(3.5)	0	(3.3)	7	(17.5)	0.8	(1.0)	5.2	(2.0)	-5.7	(8.2)
	Russian Federation	7	(3.7)	8	(2.6)	-8	(9.9)	0.8	(2.1)	1.1	(1.2)	-3.5	(8.6)
	Thailand	-1	(3.2)	2	(1.8)	-2	(6.5)	-1.5	(2.9)	0.7	(1.2)	-14.4	(15.3)
	Tunisia	-3	(3.5)	-2	(1.5)	-2	(7.2)	-1.4	(3.4)	-0.2	(1.2)	-8.3	(8.5)
	Uruguay	3	(2.6)	2	(1.8)	-10	(4.9)	6.9	(2.5)	1.7	(1.1)	6.8	(4.5)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).


Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the PISA index of economic, social and cultural status have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).

1. ESCS refers to the PISA index of economic, social and cultural status.

2. Two-level regression of mathematics performance on student ESCS and school mean ESCS: within-school slope for ESCS and student-level variation explained by the model.

3. Two-level regression of mathematics performance on student ESCS and school mean ESCS: between-school slope for ESCS and school-level variation explained by the model.

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[Part 1/3]

Parents' education and occupation, and students' home possessions, by schools' socio-economic profile

Table II.2.10

Results based on students' self-reports

	Parents' highest education: Percentage of students with at least one parent whose highest educational attainment is lower secondary (ISCED 2 or less)						Parents' highest education: Percentage of students with at least one parent whose educational attainment is upper secondary or post-secondary non-tertiary (ISCED 3 or 4)						Parents' highest education: Percentage of students with at least one parent whose educational attainment is tertiary or advanced research (ISCED 5 or 6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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OECD																				Australia	20.6	(0.8)	9.8	(0.4)	2.4	(0.3)	44.5	(0.8)	36.2	(0.6)	20.7	(0.8)	34.9	(0.8)	54.0	(0.7)	76.9	(0.9)	Austria	9.2	(1.1)	3.8	(0.5)	0.6	(0.2)	56.7	(1.8)	49.6	(1.5)	32.0	(2.5)	34.1	(1.6)	46.6	(1.4)	67.4	(2.5)	Belgium	10.7	(1.1)	3.8	(0.4)	1.5	(0.2)	48.1	(1.9)	34.5	(1.0)	17.0	(0.8)	41.2	(1.7)	61.7	(1.0)	81.5	(0.8)	Canada	8.4	(0.8)	2.4	(0.2)	0.8	(0.2)	37.0	(1.2)	25.8	(0.6)	11.4	(0.6)	54.7	(1.5)	71.8	(0.7)	87.8	(0.7)	Chile	41.2	(2.3)	17.8	(1.2)	2.4	(0.4)	45.8	(2.0)	53.1	(1.5)	32.0	(2.3)	13.0	(0.8)	29.1	(1.0)	65.6	(2.5)	Czech Republic	2.8	(1.0)	1.0	(0.3)	0.2	(0.1)	69.7	(1.1)	69.7	(1.1)	39.8	(1.6)	14.9	(1.4)	29.3	(1.1)	60.0	(1.6)	Denmark	11.5	(1.3)	5.5	(0.5)	1.2	(0.3)	41.0	(2.3)	27.2	(0.9)	13.6	(1.2)	47.4	(2.0)	67.3	(1.0)	85.2	(1.1)	Estonia	4.3	(0.8)	2.5	(0.4)	0.2	(0.1)	60.4	(2.2)	41.2	(1.2)	20.3	(1.1)	35.2	(2.0)	56.3	(1.1)	79.5	(1.1)	Finland	5.7	(0.9)	2.7	(0.2)	1.3	(0.2)	24.3	(1.7)	18.3	(0.6)	10.1	(1.0)	70.0	(1.8)	79.1	(0.6)	88.6	(1.0)	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	Germany	43.1	(1.7)	21.6	(1.0)	6.8	(0.6)	25.5	(1.5)	29.7	(0.9)	22.8	(1.7)	31.5	(1.5)	48.7	(1.0)	70.4	(1.9)	Greece	25.0	(1.6)	8.1	(0.6)	1.8	(0.4)	44.7	(2.0)	39.5	(1.0)	24.1	(1.3)	30.2	(1.2)	52.4	(1.0)	74.1	(1.2)	Hungary	22.8	(1.9)	5.9	(0.7)	1.0	(0.3)	57.7	(1.9)	53.0	(1.1)	30.7	(2.1)	19.5	(1.1)	41.1	(1.2)	68.3	(2.1)	Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)
Australia	20.6	(0.8)	9.8	(0.4)	2.4	(0.3)	44.5	(0.8)	36.2	(0.6)	20.7	(0.8)	34.9	(0.8)	54.0	(0.7)	76.9	(0.9)	Austria	9.2	(1.1)	3.8	(0.5)	0.6	(0.2)	56.7	(1.8)	49.6	(1.5)	32.0	(2.5)	34.1	(1.6)	46.6	(1.4)	67.4	(2.5)	Belgium	10.7	(1.1)	3.8	(0.4)	1.5	(0.2)	48.1	(1.9)	34.5	(1.0)	17.0	(0.8)	41.2	(1.7)	61.7	(1.0)	81.5	(0.8)	Canada	8.4	(0.8)	2.4	(0.2)	0.8	(0.2)	37.0	(1.2)	25.8	(0.6)	11.4	(0.6)	54.7	(1.5)	71.8	(0.7)	87.8	(0.7)	Chile	41.2	(2.3)	17.8	(1.2)	2.4	(0.4)	45.8	(2.0)	53.1	(1.5)	32.0	(2.3)	13.0	(0.8)	29.1	(1.0)	65.6	(2.5)	Czech Republic	2.8	(1.0)	1.0	(0.3)	0.2	(0.1)	69.7	(1.1)	69.7	(1.1)	39.8	(1.6)	14.9	(1.4)	29.3	(1.1)	60.0	(1.6)	Denmark	11.5	(1.3)	5.5	(0.5)	1.2	(0.3)	41.0	(2.3)	27.2	(0.9)	13.6	(1.2)	47.4	(2.0)	67.3	(1.0)	85.2	(1.1)	Estonia	4.3	(0.8)	2.5	(0.4)	0.2	(0.1)	60.4	(2.2)	41.2	(1.2)	20.3	(1.1)	35.2	(2.0)	56.3	(1.1)	79.5	(1.1)	Finland	5.7	(0.9)	2.7	(0.2)	1.3	(0.2)	24.3	(1.7)	18.3	(0.6)	10.1	(1.0)	70.0	(1.8)	79.1	(0.6)	88.6	(1.0)	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	Germany	43.1	(1.7)	21.6	(1.0)	6.8	(0.6)	25.5	(1.5)	29.7	(0.9)	22.8	(1.7)	31.5	(1.5)	48.7	(1.0)	70.4	(1.9)	Greece	25.0	(1.6)	8.1	(0.6)	1.8	(0.4)	44.7	(2.0)	39.5	(1.0)	24.1	(1.3)	30.2	(1.2)	52.4	(1.0)	74.1	(1.2)	Hungary	22.8	(1.9)	5.9	(0.7)	1.0	(0.3)	57.7	(1.9)	53.0	(1.1)	30.7	(2.1)	19.5	(1.1)	41.1	(1.2)	68.3	(2.1)	Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																				
Austria	9.2	(1.1)	3.8	(0.5)	0.6	(0.2)	56.7	(1.8)	49.6	(1.5)	32.0	(2.5)	34.1	(1.6)	46.6	(1.4)	67.4	(2.5)	Belgium	10.7	(1.1)	3.8	(0.4)	1.5	(0.2)	48.1	(1.9)	34.5	(1.0)	17.0	(0.8)	41.2	(1.7)	61.7	(1.0)	81.5	(0.8)	Canada	8.4	(0.8)	2.4	(0.2)	0.8	(0.2)	37.0	(1.2)	25.8	(0.6)	11.4	(0.6)	54.7	(1.5)	71.8	(0.7)	87.8	(0.7)	Chile	41.2	(2.3)	17.8	(1.2)	2.4	(0.4)	45.8	(2.0)	53.1	(1.5)	32.0	(2.3)	13.0	(0.8)	29.1	(1.0)	65.6	(2.5)	Czech Republic	2.8	(1.0)	1.0	(0.3)	0.2	(0.1)	69.7	(1.1)	69.7	(1.1)	39.8	(1.6)	14.9	(1.4)	29.3	(1.1)	60.0	(1.6)	Denmark	11.5	(1.3)	5.5	(0.5)	1.2	(0.3)	41.0	(2.3)	27.2	(0.9)	13.6	(1.2)	47.4	(2.0)	67.3	(1.0)	85.2	(1.1)	Estonia	4.3	(0.8)	2.5	(0.4)	0.2	(0.1)	60.4	(2.2)	41.2	(1.2)	20.3	(1.1)	35.2	(2.0)	56.3	(1.1)	79.5	(1.1)	Finland	5.7	(0.9)	2.7	(0.2)	1.3	(0.2)	24.3	(1.7)	18.3	(0.6)	10.1	(1.0)	70.0	(1.8)	79.1	(0.6)	88.6	(1.0)	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	Germany	43.1	(1.7)	21.6	(1.0)	6.8	(0.6)	25.5	(1.5)	29.7	(0.9)	22.8	(1.7)	31.5	(1.5)	48.7	(1.0)	70.4	(1.9)	Greece	25.0	(1.6)	8.1	(0.6)	1.8	(0.4)	44.7	(2.0)	39.5	(1.0)	24.1	(1.3)	30.2	(1.2)	52.4	(1.0)	74.1	(1.2)	Hungary	22.8	(1.9)	5.9	(0.7)	1.0	(0.3)	57.7	(1.9)	53.0	(1.1)	30.7	(2.1)	19.5	(1.1)	41.1	(1.2)	68.3	(2.1)	Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																							
Belgium	10.7	(1.1)	3.8	(0.4)	1.5	(0.2)	48.1	(1.9)	34.5	(1.0)	17.0	(0.8)	41.2	(1.7)	61.7	(1.0)	81.5	(0.8)	Canada	8.4	(0.8)	2.4	(0.2)	0.8	(0.2)	37.0	(1.2)	25.8	(0.6)	11.4	(0.6)	54.7	(1.5)	71.8	(0.7)	87.8	(0.7)	Chile	41.2	(2.3)	17.8	(1.2)	2.4	(0.4)	45.8	(2.0)	53.1	(1.5)	32.0	(2.3)	13.0	(0.8)	29.1	(1.0)	65.6	(2.5)	Czech Republic	2.8	(1.0)	1.0	(0.3)	0.2	(0.1)	69.7	(1.1)	69.7	(1.1)	39.8	(1.6)	14.9	(1.4)	29.3	(1.1)	60.0	(1.6)	Denmark	11.5	(1.3)	5.5	(0.5)	1.2	(0.3)	41.0	(2.3)	27.2	(0.9)	13.6	(1.2)	47.4	(2.0)	67.3	(1.0)	85.2	(1.1)	Estonia	4.3	(0.8)	2.5	(0.4)	0.2	(0.1)	60.4	(2.2)	41.2	(1.2)	20.3	(1.1)	35.2	(2.0)	56.3	(1.1)	79.5	(1.1)	Finland	5.7	(0.9)	2.7	(0.2)	1.3	(0.2)	24.3	(1.7)	18.3	(0.6)	10.1	(1.0)	70.0	(1.8)	79.1	(0.6)	88.6	(1.0)	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	Germany	43.1	(1.7)	21.6	(1.0)	6.8	(0.6)	25.5	(1.5)	29.7	(0.9)	22.8	(1.7)	31.5	(1.5)	48.7	(1.0)	70.4	(1.9)	Greece	25.0	(1.6)	8.1	(0.6)	1.8	(0.4)	44.7	(2.0)	39.5	(1.0)	24.1	(1.3)	30.2	(1.2)	52.4	(1.0)	74.1	(1.2)	Hungary	22.8	(1.9)	5.9	(0.7)	1.0	(0.3)	57.7	(1.9)	53.0	(1.1)	30.7	(2.1)	19.5	(1.1)	41.1	(1.2)	68.3	(2.1)	Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																										
Canada	8.4	(0.8)	2.4	(0.2)	0.8	(0.2)	37.0	(1.2)	25.8	(0.6)	11.4	(0.6)	54.7	(1.5)	71.8	(0.7)	87.8	(0.7)	Chile	41.2	(2.3)	17.8	(1.2)	2.4	(0.4)	45.8	(2.0)	53.1	(1.5)	32.0	(2.3)	13.0	(0.8)	29.1	(1.0)	65.6	(2.5)	Czech Republic	2.8	(1.0)	1.0	(0.3)	0.2	(0.1)	69.7	(1.1)	69.7	(1.1)	39.8	(1.6)	14.9	(1.4)	29.3	(1.1)	60.0	(1.6)	Denmark	11.5	(1.3)	5.5	(0.5)	1.2	(0.3)	41.0	(2.3)	27.2	(0.9)	13.6	(1.2)	47.4	(2.0)	67.3	(1.0)	85.2	(1.1)	Estonia	4.3	(0.8)	2.5	(0.4)	0.2	(0.1)	60.4	(2.2)	41.2	(1.2)	20.3	(1.1)	35.2	(2.0)	56.3	(1.1)	79.5	(1.1)	Finland	5.7	(0.9)	2.7	(0.2)	1.3	(0.2)	24.3	(1.7)	18.3	(0.6)	10.1	(1.0)	70.0	(1.8)	79.1	(0.6)	88.6	(1.0)	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	Germany	43.1	(1.7)	21.6	(1.0)	6.8	(0.6)	25.5	(1.5)	29.7	(0.9)	22.8	(1.7)	31.5	(1.5)	48.7	(1.0)	70.4	(1.9)	Greece	25.0	(1.6)	8.1	(0.6)	1.8	(0.4)	44.7	(2.0)	39.5	(1.0)	24.1	(1.3)	30.2	(1.2)	52.4	(1.0)	74.1	(1.2)	Hungary	22.8	(1.9)	5.9	(0.7)	1.0	(0.3)	57.7	(1.9)	53.0	(1.1)	30.7	(2.1)	19.5	(1.1)	41.1	(1.2)	68.3	(2.1)	Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																													
Chile	41.2	(2.3)	17.8	(1.2)	2.4	(0.4)	45.8	(2.0)	53.1	(1.5)	32.0	(2.3)	13.0	(0.8)	29.1	(1.0)	65.6	(2.5)	Czech Republic	2.8	(1.0)	1.0	(0.3)	0.2	(0.1)	69.7	(1.1)	69.7	(1.1)	39.8	(1.6)	14.9	(1.4)	29.3	(1.1)	60.0	(1.6)	Denmark	11.5	(1.3)	5.5	(0.5)	1.2	(0.3)	41.0	(2.3)	27.2	(0.9)	13.6	(1.2)	47.4	(2.0)	67.3	(1.0)	85.2	(1.1)	Estonia	4.3	(0.8)	2.5	(0.4)	0.2	(0.1)	60.4	(2.2)	41.2	(1.2)	20.3	(1.1)	35.2	(2.0)	56.3	(1.1)	79.5	(1.1)	Finland	5.7	(0.9)	2.7	(0.2)	1.3	(0.2)	24.3	(1.7)	18.3	(0.6)	10.1	(1.0)	70.0	(1.8)	79.1	(0.6)	88.6	(1.0)	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	Germany	43.1	(1.7)	21.6	(1.0)	6.8	(0.6)	25.5	(1.5)	29.7	(0.9)	22.8	(1.7)	31.5	(1.5)	48.7	(1.0)	70.4	(1.9)	Greece	25.0	(1.6)	8.1	(0.6)	1.8	(0.4)	44.7	(2.0)	39.5	(1.0)	24.1	(1.3)	30.2	(1.2)	52.4	(1.0)	74.1	(1.2)	Hungary	22.8	(1.9)	5.9	(0.7)	1.0	(0.3)	57.7	(1.9)	53.0	(1.1)	30.7	(2.1)	19.5	(1.1)	41.1	(1.2)	68.3	(2.1)	Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																
Czech Republic	2.8	(1.0)	1.0	(0.3)	0.2	(0.1)	69.7	(1.1)	69.7	(1.1)	39.8	(1.6)	14.9	(1.4)	29.3	(1.1)	60.0	(1.6)	Denmark	11.5	(1.3)	5.5	(0.5)	1.2	(0.3)	41.0	(2.3)	27.2	(0.9)	13.6	(1.2)	47.4	(2.0)	67.3	(1.0)	85.2	(1.1)	Estonia	4.3	(0.8)	2.5	(0.4)	0.2	(0.1)	60.4	(2.2)	41.2	(1.2)	20.3	(1.1)	35.2	(2.0)	56.3	(1.1)	79.5	(1.1)	Finland	5.7	(0.9)	2.7	(0.2)	1.3	(0.2)	24.3	(1.7)	18.3	(0.6)	10.1	(1.0)	70.0	(1.8)	79.1	(0.6)	88.6	(1.0)	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	Germany	43.1	(1.7)	21.6	(1.0)	6.8	(0.6)	25.5	(1.5)	29.7	(0.9)	22.8	(1.7)	31.5	(1.5)	48.7	(1.0)	70.4	(1.9)	Greece	25.0	(1.6)	8.1	(0.6)	1.8	(0.4)	44.7	(2.0)	39.5	(1.0)	24.1	(1.3)	30.2	(1.2)	52.4	(1.0)	74.1	(1.2)	Hungary	22.8	(1.9)	5.9	(0.7)	1.0	(0.3)	57.7	(1.9)	53.0	(1.1)	30.7	(2.1)	19.5	(1.1)	41.1	(1.2)	68.3	(2.1)	Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																			
Denmark	11.5	(1.3)	5.5	(0.5)	1.2	(0.3)	41.0	(2.3)	27.2	(0.9)	13.6	(1.2)	47.4	(2.0)	67.3	(1.0)	85.2	(1.1)	Estonia	4.3	(0.8)	2.5	(0.4)	0.2	(0.1)	60.4	(2.2)	41.2	(1.2)	20.3	(1.1)	35.2	(2.0)	56.3	(1.1)	79.5	(1.1)	Finland	5.7	(0.9)	2.7	(0.2)	1.3	(0.2)	24.3	(1.7)	18.3	(0.6)	10.1	(1.0)	70.0	(1.8)	79.1	(0.6)	88.6	(1.0)	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	Germany	43.1	(1.7)	21.6	(1.0)	6.8	(0.6)	25.5	(1.5)	29.7	(0.9)	22.8	(1.7)	31.5	(1.5)	48.7	(1.0)	70.4	(1.9)	Greece	25.0	(1.6)	8.1	(0.6)	1.8	(0.4)	44.7	(2.0)	39.5	(1.0)	24.1	(1.3)	30.2	(1.2)	52.4	(1.0)	74.1	(1.2)	Hungary	22.8	(1.9)	5.9	(0.7)	1.0	(0.3)	57.7	(1.9)	53.0	(1.1)	30.7	(2.1)	19.5	(1.1)	41.1	(1.2)	68.3	(2.1)	Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																						
Estonia	4.3	(0.8)	2.5	(0.4)	0.2	(0.1)	60.4	(2.2)	41.2	(1.2)	20.3	(1.1)	35.2	(2.0)	56.3	(1.1)	79.5	(1.1)	Finland	5.7	(0.9)	2.7	(0.2)	1.3	(0.2)	24.3	(1.7)	18.3	(0.6)	10.1	(1.0)	70.0	(1.8)	79.1	(0.6)	88.6	(1.0)	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	Germany	43.1	(1.7)	21.6	(1.0)	6.8	(0.6)	25.5	(1.5)	29.7	(0.9)	22.8	(1.7)	31.5	(1.5)	48.7	(1.0)	70.4	(1.9)	Greece	25.0	(1.6)	8.1	(0.6)	1.8	(0.4)	44.7	(2.0)	39.5	(1.0)	24.1	(1.3)	30.2	(1.2)	52.4	(1.0)	74.1	(1.2)	Hungary	22.8	(1.9)	5.9	(0.7)	1.0	(0.3)	57.7	(1.9)	53.0	(1.1)	30.7	(2.1)	19.5	(1.1)	41.1	(1.2)	68.3	(2.1)	Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																									
Finland	5.7	(0.9)	2.7	(0.2)	1.3	(0.2)	24.3	(1.7)	18.3	(0.6)	10.1	(1.0)	70.0	(1.8)	79.1	(0.6)	88.6	(1.0)	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	Germany	43.1	(1.7)	21.6	(1.0)	6.8	(0.6)	25.5	(1.5)	29.7	(0.9)	22.8	(1.7)	31.5	(1.5)	48.7	(1.0)	70.4	(1.9)	Greece	25.0	(1.6)	8.1	(0.6)	1.8	(0.4)	44.7	(2.0)	39.5	(1.0)	24.1	(1.3)	30.2	(1.2)	52.4	(1.0)	74.1	(1.2)	Hungary	22.8	(1.9)	5.9	(0.7)	1.0	(0.3)	57.7	(1.9)	53.0	(1.1)	30.7	(2.1)	19.5	(1.1)	41.1	(1.2)	68.3	(2.1)	Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																												
France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	Germany	43.1	(1.7)	21.6	(1.0)	6.8	(0.6)	25.5	(1.5)	29.7	(0.9)	22.8	(1.7)	31.5	(1.5)	48.7	(1.0)	70.4	(1.9)	Greece	25.0	(1.6)	8.1	(0.6)	1.8	(0.4)	44.7	(2.0)	39.5	(1.0)	24.1	(1.3)	30.2	(1.2)	52.4	(1.0)	74.1	(1.2)	Hungary	22.8	(1.9)	5.9	(0.7)	1.0	(0.3)	57.7	(1.9)	53.0	(1.1)	30.7	(2.1)	19.5	(1.1)	41.1	(1.2)	68.3	(2.1)	Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																															
Germany	43.1	(1.7)	21.6	(1.0)	6.8	(0.6)	25.5	(1.5)	29.7	(0.9)	22.8	(1.7)	31.5	(1.5)	48.7	(1.0)	70.4	(1.9)	Greece	25.0	(1.6)	8.1	(0.6)	1.8	(0.4)	44.7	(2.0)	39.5	(1.0)	24.1	(1.3)	30.2	(1.2)	52.4	(1.0)	74.1	(1.2)	Hungary	22.8	(1.9)	5.9	(0.7)	1.0	(0.3)	57.7	(1.9)	53.0	(1.1)	30.7	(2.1)	19.5	(1.1)	41.1	(1.2)	68.3	(2.1)	Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																		
Greece	25.0	(1.6)	8.1	(0.6)	1.8	(0.4)	44.7	(2.0)	39.5	(1.0)	24.1	(1.3)	30.2	(1.2)	52.4	(1.0)	74.1	(1.2)	Hungary	22.8	(1.9)	5.9	(0.7)	1.0	(0.3)	57.7	(1.9)	53.0	(1.1)	30.7	(2.1)	19.5	(1.1)	41.1	(1.2)	68.3	(2.1)	Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																					
Hungary	22.8	(1.9)	5.9	(0.7)	1.0	(0.3)	57.7	(1.9)	53.0	(1.1)	30.7	(2.1)	19.5	(1.1)	41.1	(1.2)	68.3	(2.1)	Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																								
Iceland	16.4	(1.5)	7.1	(0.6)	2.2	(0.5)	38.2	(1.9)	27.5	(0.9)	18.1	(1.3)	45.4	(2.1)	65.4	(1.1)	79.6	(1.3)	Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																											
Ireland	18.8	(1.7)	7.5	(0.5)	2.1	(0.4)	47.1	(2.2)	39.3	(1.0)	21.9	(1.6)	34.1	(1.6)	53.2	(0.9)	76.0	(1.6)	Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																														
Israel	10.7	(1.3)	3.0	(0.5)	0.5	(0.1)	51.7	(1.8)	34.9	(1.6)	16.9	(1.0)	37.6	(1.6)	62.0	(1.7)	82.7	(1.0)	Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																	
Italy	37.6	(0.8)	18.8	(0.5)	6.3	(0.4)	41.4	(0.7)	45.6	(0.6)	39.2	(0.8)	21.0	(0.6)	35.6	(0.6)	54.5	(0.9)	Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																				
Japan	4.1	(0.6)	1.0	(0.2)	0.3	(0.1)	57.5	(1.6)	35.7	(1.5)	14.0	(1.0)	38.5	(1.7)	63.3	(1.5)	85.7	(1.0)	Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																							
Korea	6.7	(0.8)	2.5	(0.4)	1.0	(0.3)	60.4	(1.6)	41.1	(1.2)	16.4	(1.4)	32.9	(1.7)	56.4	(1.2)	82.7	(1.5)	Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																										
Luxembourg	32.6	(1.0)	14.1	(1.3)	6.6	(0.6)	33.1	(1.0)	32.7	(1.7)	22.9	(1.0)	34.3	(1.0)	53.1	(1.8)	70.6	(1.0)	Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																													
Mexico	76.2	(0.9)	50.6	(0.8)	18.8	(0.9)	9.1	(0.5)	16.7	(0.5)	18.4	(0.6)	14.7	(0.6)	32.8	(0.5)	62.8	(1.1)	Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																
Netherlands	11.1	(1.3)	6.3	(0.6)	1.5	(0.4)	43.9	(2.2)	32.5	(1.4)	16.0	(1.0)	45.0	(2.0)	61.2	(1.3)	82.6	(1.1)	New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																			
New Zealand	16.6	(1.8)	6.0	(0.6)	2.4	(0.4)	50.7	(2.0)	43.0	(1.2)	25.3	(1.9)	32.6	(2.0)	51.0	(1.3)	72.3	(1.9)	Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Norway	5.9	(1.2)	3.1	(0.3)	0.3	(0.2)	46.0	(2.3)	30.3	(0.8)	15.7	(1.5)	48.2	(2.1)	66.7	(0.9)	84.1	(1.5)	Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Poland	6.1	(0.8)	2.5	(0.4)	0.7	(0.4)	86.6	(1.0)	73.7	(1.0)	43.9	(2.4)	7.3	(0.7)	23.7	(1.0)	55.4	(2.5)	Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Portugal	71.2	(1.5)	47.5	(1.4)	15.9	(2.1)	18.5	(1.1)	28.0	(1.1)	23.9	(2.3)	10.4	(1.0)	24.6	(0.8)	60.2	(3.4)	Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Slovak Republic	11.1	(2.0)	0.9	(0.2)	0.1	(0.1)	76.1	(1.9)	72.3	(1.2)	45.7	(2.6)	12.8	(1.1)	26.8	(1.1)	54.2	(2.7)	Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Slovenia	7.9	(0.8)	3.7	(0.4)	0.4	(0.2)	71.8	(1.4)	55.1	(1.1)	31.1	(1.4)	20.3	(1.1)	41.3	(1.0)	68.5	(1.4)	Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Spain	43.1	(1.4)	22.6	(0.8)	7.5	(0.5)	30.0	(1.2)	29.9	(0.6)	19.5	(1.1)	26.8	(0.9)	47.4	(1.0)	73.0	(1.3)	Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Sweden	9.8	(1.5)	5.5	(0.5)	2.1	(0.4)	34.7	(1.9)	27.0	(0.8)	14.7	(1.2)	55.6	(2.0)	67.5	(0.9)	83.2	(1.2)	Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Switzerland	21.8	(1.1)	12.7	(0.6)	4.4	(0.7)	36.3	(1.4)	33.6	(0.8)	21.1	(1.1)	41.8	(1.3)	53.7	(0.8)	74.5	(1.3)	Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Turkey	78.9	(1.0)	61.7	(1.2)	32.7	(2.2)	10.7	(0.8)	17.9	(1.0)	19.9	(1.1)	10.4	(0.7)	20.4	(0.7)	47.4	(2.5)	United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
United Kingdom	8.4	(0.9)	2.8	(0.3)	1.1	(0.4)	46.3	(1.8)	38.8	(1.1)	24.5	(1.2)	45.3	(1.5)	58.3	(1.0)	74.4	(1.3)	United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
United States	22.8	(2.0)	6.0	(0.7)	1.4	(0.4)	43.3	(1.4)	36.1	(1.4)	17.4	(1.2)	33.9	(1.7)	58.0	(1.4)	81.2	(1.2)	OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
OECD average	21.9	(0.2)	11.1	(0.1)	3.9	(0.1)	45.5	(0.3)	38.5	(0.2)	23.1	(0.3)	32.6	(0.3)	50.4	(0.2)	73.0	(0.3)	Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Partners																				Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Argentina	54.4	(1.5)	29.3	(1.6)	10.2	(0.9)	21.1	(1.3)	25.6	(1.0)	17.6	(1.2)	24.5	(1.1)	45.0	(1.4)	72.1	(1.6)	Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Brazil	60.8	(0.9)	35.4	(0.9)	8.7	(0.8)	28.1	(0.9)	43.2	(0.9)	36.9	(2.0)	11.0	(0.5)	21.4	(0.7)	54.4	(2.3)	Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Bulgaria	16.7	(1.8)	3.8	(0.7)	0.4	(0.1)	60.3	(1.4)	53.2	(1.2)	29.4	(1.3)	23.0	(1.2)	43.1	(1.1)	70.2	(1.4)	Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Colombia	64.7	(1.9)	36.4	(1.3)	12.5	(1.1)	12.3	(1.3)	18.2	(1.4)	14.7	(1.3)	23.0	(1.3)	45.4	(1.2)	72.8	(1.6)	Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Costa Rica	50.2	(2.3)	26.2	(1.0)	4.6	(1.0)	18.4	(1.4)	28.3	(1.5)	19.6	(1.4)	31.4	(2.3)	45.5	(1.2)	75.8	(1.8)	Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Croatia	10.7	(0.9)	2.7	(0.4)	0.3	(0.2)	55.0	(1.7)	51.3	(1.1)	32.7	(1.7)	34.3	(1.4)	46.0	(1.0)	66.9	(1.8)	Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Cyprus*	10.2	(0.8)	3.8	(0.5)	0.6	(0.2)	57.0	(1.2)	43.4	(1.2)	23.0	(1.2)	32.8	(1.2)	52.9	(1.3)	76.4	(1.2)	Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Hong Kong-China	47.6	(1.6)	28.3	(1.1)	6.6	(0.9)	45.5	(1.4)	54.8	(1.3)	42.2	(3.0)	6.9	(0.8)	16.9	(1.0)	51.2	(3.6)	Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Indonesia	69.4	(1.3)	48.2	(1.6)	16.9	(1.5)	23.3	(1.5)	36.9	(1.7)	39.0	(2.4)	7.3	(0.8)	14.9	(0.9)	44.1	(3.3)	Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Jordan	25.9	(1.5)	10.5	(0.7)	2.0	(0.4)	38.4	(1.8)	32.4	(1.1)	17.7	(1.6)	35.7	(1.7)	57.1	(1.2)	80.3	(1.7)	Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Kazakhstan	3.0	(0.7)	1.2	(0.3)	0.5	(0.2)	22.4	(2.1)	12.2	(1.0)	4.3	(0.5)	74.6	(2.1)	86.6	(0.9)	95.2	(0.6)	Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Latvia	7.0	(1.5)	2.3	(0.4)	0.3	(0.1)	66.4	(2.4)	45.1	(1.3)	22.2	(1.3)	26.6	(2.2)	52.6	(1.4)	77.5	(1.3)	Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Liechtenstein	c	c	10.5	(2.6)	c	c	c	c	35.8	(3.5)	c	c	c	c	53.7	(4.0)	c	c	Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Lithuania	3.2	(0.6)	1.2	(0.2)	0.5	(0.2)	58.1	(1.6)	33.4	(1.0)	13.4	(1.0)	38.7	(1.6)	65.4	(1.1)	86.1	(1.1)	Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Macao-China	61.0	(0.8)	51.3	(1.6)	28.3	(1.1)	29.5	(0.8)	33.4	(1.4)	36.3	(1.2)	9.4	(0.6)	15.3	(1.1)	35.4	(1.1)	Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Malaysia	32.7	(1.8)	16.2	(1.0)	5.8	(0.7)	56.5	(1.6)	57.6	(1.5)	43.8	(2.0)	10.8	(1.0)	26.2	(1.1)	50.3	(2.4)	Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Montenegro	7.1	(0.6)	3.6	(0.7)	1.2	(0.3)	44.8	(1.1)	41.9	(1.3)	26.6	(1.0)	48.1	(1.1)	54.5	(1.4)	72.2	(1.0)	Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Peru	52.6	(1.6)	21.9	(1.4)	4.3	(0.5)	33.4	(1.3)	47.1	(1.5)	37.6	(2.1)	14.0	(0.8)	31.0	(1.2)	58.1	(2.3)	Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Qatar	20.4	(0.6)	8.3	(0.6)	2.3	(0.2)	23.9	(0.7)	19.7	(0.9)	13.9	(0.5)	55.7	(0.7)	71.9	(1.0)	83.9	(0.5)	Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Romania	13.2	(1.8)	4.0	(0.5)	0.6	(0.2)	52.8	(1.9)	44.6	(1.5)	28.6	(2.0)	34.0	(2.3)	51.4	(1.5)	70.8	(2.1)	Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Russian Federation	2.7	(0.8)	1.2	(0.3)	0.2	(0.1)	16.8	(1.6)	7.5	(0.5)	2.3	(0.4)	80.5	(1.7)	91.3	(0.7)	97.5	(0.4)	Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Serbia	9.3	(1.2)	3.9	(0.5)	0.6	(0.3)	50.0	(1.6)	42.8	(1.3)	23.3	(1.7)	40.7	(1.3)	53.3	(1.2)	76.1	(1.8)	Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Shanghai-China	49.6	(2.0)	22.4	(1.5)	5.9	(0.7)	30.3	(1.5)	35.5	(1.2)	25.3	(1.3)	20.1	(1.0)	42.1	(1.2)	68.8	(1.5)	Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Singapore	17.8	(0.9)	9.3	(0.7)	1.4	(0.3)	51.1	(1.1)	45.7	(1.0)	24.8	(1.3)	31.1	(1.1)	45.0	(1.0)	73.8	(1.3)	Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Chinese Taipei	21.3	(1.5)	10.9	(0.7)	3.0	(0.6)	45.3	(1.1)	39.4	(1.0)	23.8	(1.4)	33.3	(1.4)	49.8	(1.2)	73.2	(1.6)	Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Thailand	72.4	(1.2)	47.8	(1.3)	23.1	(1.3)	22.5	(1.1)	37.8	(1.2)	34.4	(1.5)	5.2	(0.5)	14.4	(1.0)	42.4	(2.2)	Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Tunisia	52.7	(1.8)	27.8	(1.0)	8.2	(0.9)	34.7	(1.9)	48.2	(1.3)	39.9	(2.0)	12.6	(1.0)	24.0	(1.1)	51.8	(2.3)	United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
United Arab Emirates	21.5	(1.0)	7.6	(0.7)	1.1	(0.2)	38.7	(0.9)	24.8	(1.1)	10.6	(0.6)	39.8	(1.2)	67.6	(1.5)	88.4	(0.6)	Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Uruguay	65.9	(1.5)	43.3	(1.1)	11.0	(1.8)	15.3	(1.0)	23.0	(1.0)	20.3	(1.2)	18.8	(0.9)	33.8	(0.9)	68.7	(2.4)	Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Viet Nam	77.8	(1.4)	60.4	(1.6)	26.2	(2.8)	19.1	(1.3)	32.1	(1.5)	45.6	(2.2)	3.0	(0.5)	7.5	(0.7)	28.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference between the students' and the country's/economy's mean socio-economic status; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country's/ economy's mean socio-economic status.

* See notes at the beginning of this Annex.

StatLink <http://dx.doi.org/10.1787/888932964908>

[Part 2/3]


Parents' education and occupation, and students' home possessions, by schools' socio-economic profile
Results based on students' self-reports

Table II.2.10

	Parents' highest occupation: Percentage of students with at least one parent working in an occupation considered as elementary (ISCO 9)						Parents' highest occupation: Percentage of students with at least one parent working in an occupation considered as semi-skilled blue-collar (ISCO 6, 7 and 8)						Parents' highest occupation: Percentage of students with at least one parent working in an occupation considered as semi-skilled white-collar (ISCO 4 and 5)					
	Socio-economically disadvantaged schools ¹		Socio-economically average schools ¹		Socio-economically advantaged schools ¹		Socio-economically disadvantaged schools ¹		Socio-economically average schools ¹		Socio-economically advantaged schools ¹		Socio-economically disadvantaged schools ¹		Socio-economically average schools ¹		Socio-economically advantaged schools ¹	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																		
Australia	8.7	(0.6)	3.7	(0.3)	1.1	(0.2)	20.0	(0.9)	10.0	(0.4)	2.6	(0.4)	25.3	(0.9)	19.2	(0.5)	7.8	(0.6)
Austria	4.8	(0.7)	1.8	(0.3)	0.7	(0.2)	28.8	(1.8)	15.5	(1.2)	3.9	(0.5)	38.6	(1.5)	32.2	(1.2)	15.8	(1.4)
Belgium	10.5	(0.8)	3.8	(0.4)	0.9	(0.2)	29.2	(1.5)	14.2	(0.8)	4.8	(0.5)	31.8	(0.9)	27.1	(0.8)	14.7	(0.8)
Canada	5.7	(0.7)	2.6	(0.2)	0.6	(0.2)	18.6	(1.0)	9.9	(0.5)	3.9	(0.5)	30.6	(1.4)	23.1	(0.6)	12.9	(0.8)
Chile	21.7	(1.6)	10.4	(1.1)	2.3	(0.4)	36.6	(1.3)	25.3	(1.2)	10.5	(0.9)	28.9	(1.2)	35.3	(1.7)	21.0	(1.3)
Czech Republic	3.6	(0.9)	1.0	(0.2)	0.2	(0.2)	32.0	(2.0)	19.7	(0.8)	3.9	(0.6)	44.0	(2.1)	35.2	(1.3)	21.6	(1.5)
Denmark	5.7	(0.8)	2.5	(0.3)	1.0	(0.3)	15.4	(1.2)	8.7	(0.6)	1.6	(0.4)	38.8	(1.6)	29.8	(0.9)	13.7	(1.3)
Estonia	3.5	(0.7)	1.9	(0.2)	0.4	(0.2)	36.3	(1.5)	19.0	(1.0)	4.6	(0.7)	31.0	(1.7)	25.8	(1.0)	11.5	(0.8)
Finland	1.7	(0.4)	0.9	(0.1)	0.2	(0.1)	19.4	(1.7)	9.4	(0.5)	2.6	(0.6)	31.5	(1.2)	24.1	(0.7)	14.1	(1.1)
France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Germany	4.3	(0.7)	1.8	(0.3)	0.4	(0.2)	25.4	(1.5)	13.9	(0.9)	3.2	(0.5)	42.6	(1.6)	31.7	(1.0)	17.0	(1.4)
Greece	11.0	(1.2)	4.2	(0.4)	1.2	(0.3)	35.8	(1.7)	17.4	(1.1)	6.1	(0.7)	32.4	(2.0)	30.5	(1.1)	18.0	(1.0)
Hungary	8.0	(1.1)	2.6	(0.5)	1.0	(0.2)	44.4	(2.1)	21.3	(1.2)	7.5	(0.9)	29.0	(1.8)	36.4	(1.2)	20.5	(1.4)
Iceland	6.1	(1.1)	2.4	(0.3)	0.6	(0.3)	19.0	(1.6)	9.0	(0.7)	3.4	(0.6)	29.0	(2.0)	22.0	(0.9)	14.6	(1.1)
Ireland	9.2	(1.4)	2.4	(0.3)	0.7	(0.2)	18.7	(2.1)	12.4	(0.7)	5.0	(0.8)	37.5	(2.1)	30.4	(0.9)	16.0	(1.4)
Israel	4.3	(0.7)	1.3	(0.3)	0.4	(0.2)	25.9	(2.1)	9.5	(1.2)	2.1	(0.4)	24.2	(1.9)	19.1	(1.0)	7.0	(0.7)
Italy	6.9	(0.4)	3.0	(0.2)	0.8	(0.1)	40.7	(1.0)	22.1	(0.6)	9.0	(0.5)	33.8	(0.8)	33.3	(0.6)	24.6	(0.7)
Japan	5.9	(0.6)	3.3	(0.4)	1.6	(0.3)	19.7	(1.2)	10.5	(0.6)	3.4	(0.4)	41.6	(1.3)	35.9	(1.0)	26.3	(1.3)
Korea	6.9	(0.8)	1.8	(0.3)	0.8	(0.3)	15.8	(1.3)	7.8	(0.5)	3.5	(0.5)	38.8	(1.5)	33.1	(1.0)	21.1	(1.3)
Luxembourg	6.9	(0.6)	3.0	(0.7)	1.5	(0.3)	31.2	(0.9)	17.5	(1.2)	6.3	(0.5)	34.2	(1.1)	29.0	(1.7)	19.6	(0.9)
Mexico	36.7	(1.4)	12.0	(0.6)	3.4	(0.2)	29.2	(0.8)	27.0	(0.6)	12.4	(0.6)	22.5	(0.9)	35.6	(0.8)	28.5	(0.9)
Netherlands	4.0	(0.8)	1.3	(0.3)	0.8	(0.5)	17.9	(1.2)	7.3	(0.7)	2.6	(0.5)	32.3	(1.6)	21.4	(0.9)	8.7	(0.9)
New Zealand	6.8	(1.0)	2.8	(0.4)	0.6	(0.3)	26.2	(2.2)	12.5	(0.6)	3.5	(0.6)	24.5	(1.5)	19.0	(0.8)	7.8	(0.9)
Norway	2.6	(0.6)	1.5	(0.2)	0.0	(0.0)	10.0	(1.6)	6.5	(0.4)	2.3	(0.5)	32.2	(2.2)	22.2	(0.7)	9.4	(1.0)
Poland	2.5	(0.4)	1.5	(0.3)	0.6	(0.2)	53.8	(2.3)	27.8	(1.1)	9.4	(1.3)	25.3	(1.6)	26.5	(0.9)	14.7	(1.2)
Portugal	12.1	(1.2)	6.1	(0.6)	1.3	(0.3)	40.4	(1.8)	24.7	(1.3)	6.6	(1.4)	31.0	(1.5)	35.0	(1.3)	21.3	(2.9)
Slovak Republic	12.0	(1.7)	4.1	(0.7)	1.3	(0.3)	37.0	(2.3)	25.8	(1.3)	7.4	(1.2)	40.8	(2.0)	38.1	(1.5)	26.9	(1.2)
Slovenia	5.0	(0.5)	2.9	(0.5)	0.8	(0.3)	32.9	(1.3)	13.9	(0.8)	4.4	(0.7)	29.0	(1.2)	28.5	(1.1)	14.3	(1.0)
Spain	10.2	(0.7)	6.0	(0.5)	1.7	(0.3)	34.9	(1.2)	21.4	(0.7)	7.3	(0.7)	32.5	(1.4)	32.7	(0.9)	21.2	(1.3)
Sweden	3.2	(0.7)	1.5	(0.3)	0.5	(0.2)	15.5	(1.4)	9.1	(0.6)	1.7	(0.4)	39.0	(2.0)	27.7	(0.8)	11.8	(0.9)
Switzerland	2.2	(0.4)	1.4	(0.2)	0.4	(0.2)	21.2	(1.3)	11.4	(0.7)	3.1	(0.3)	32.8	(1.3)	25.5	(0.9)	9.8	(0.8)
Turkey	12.4	(1.3)	9.8	(0.8)	4.0	(0.7)	43.4	(2.5)	33.0	(1.5)	19.2	(1.4)	34.3	(2.1)	38.4	(1.7)	37.4	(2.1)
United Kingdom	5.1	(0.6)	1.9	(0.3)	0.5	(0.1)	14.2	(1.5)	6.0	(0.4)	2.3	(0.4)	36.6	(1.8)	27.2	(0.8)	12.6	(1.0)
United States	12.2	(1.2)	4.9	(0.7)	1.4	(0.3)	14.9	(1.4)	7.2	(0.6)	3.5	(0.5)	28.7	(1.5)	23.5	(0.8)	12.9	(1.2)
OECD average	7.9	(0.2)	3.4	(0.1)	1.0	(0.0)	27.4	(0.3)	15.3	(0.1)	5.2	(0.1)	33.0	(0.3)	28.9	(0.2)	16.7	(0.2)
Partners																		
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	14.1	(1.0)	9.8	(1.4)	2.2	(0.4)	43.3	(1.3)	28.4	(1.3)	11.8	(1.6)	26.8	(1.3)	32.5	(1.7)	28.5	(2.2)
Brazil	19.0	(0.9)	10.0	(0.7)	1.8	(0.3)	26.7	(1.0)	20.4	(0.8)	6.4	(0.6)	35.1	(0.9)	41.4	(0.8)	26.4	(1.5)
Bulgaria	8.2	(1.0)	3.0	(0.6)	0.7	(0.2)	42.6	(1.9)	23.1	(1.2)	6.7	(0.8)	29.9	(1.6)	32.1	(1.5)	19.3	(1.2)
Colombia	10.1	(0.8)	9.0	(0.7)	3.4	(0.6)	51.8	(1.6)	34.1	(1.6)	16.5	(1.6)	28.9	(1.4)	36.1	(1.6)	36.3	(1.3)
Costa Rica	23.4	(2.7)	10.1	(1.0)	1.8	(0.5)	30.9	(3.3)	20.6	(1.2)	8.8	(1.3)	30.2	(1.8)	38.6	(1.6)	20.5	(1.9)
Croatia	3.0	(0.5)	1.3	(0.3)	0.4	(0.2)	36.6	(1.4)	18.1	(1.1)	5.8	(0.8)	39.6	(1.5)	41.2	(1.1)	21.6	(2.1)
Cyprus*	4.3	(0.5)	2.1	(0.4)	0.8	(0.3)	29.6	(1.3)	13.7	(0.8)	5.3	(0.6)	42.6	(1.2)	43.1	(1.3)	26.6	(1.3)
Hong Kong-China	11.9	(0.8)	6.4	(0.7)	1.1	(0.4)	23.2	(1.0)	16.4	(0.9)	5.3	(0.9)	41.7	(1.5)	36.8	(1.1)	18.6	(1.9)
Indonesia	28.0	(3.4)	25.2	(3.3)	8.2	(1.5)	43.9	(3.1)	29.7	(3.9)	17.6	(2.3)	20.1	(1.8)	28.0	(2.8)	28.9	(2.7)
Jordan	3.8	(0.7)	1.9	(0.3)	0.4	(0.2)	31.6	(1.3)	20.8	(0.9)	6.9	(1.2)	21.5	(1.3)	17.8	(0.9)	9.1	(1.0)
Kazakhstan	6.1	(0.8)	3.3	(0.5)	1.1	(0.2)	30.9	(2.2)	19.4	(1.1)	7.3	(0.8)	18.3	(1.9)	21.3	(1.2)	14.6	(1.1)
Latvia	12.5	(1.7)	4.9	(0.6)	0.9	(0.3)	30.9	(2.5)	15.9	(0.9)	6.0	(0.7)	35.4	(2.5)	32.6	(1.1)	16.5	(1.3)
Liechtenstein	c	c	2.8	(1.4)	c	c	c	c	9.9	(2.4)	c	c	c	c	15.6	(2.7)	c	c
Lithuania	9.9	(0.9)	3.5	(0.4)	1.4	(0.4)	39.6	(1.4)	22.8	(1.0)	7.5	(0.9)	23.6	(1.5)	23.2	(0.7)	14.1	(1.2)
Macao-China	7.5	(0.5)	3.4	(0.7)	1.9	(0.4)	12.6	(0.6)	7.7	(0.8)	4.2	(0.6)	63.6	(1.0)	61.9	(1.5)	46.3	(1.2)
Malaysia	21.6	(2.0)	8.6	(0.8)	3.1	(0.6)	38.4	(1.7)	26.4	(1.1)	11.4	(1.3)	20.2	(1.3)	29.0	(1.2)	20.4	(1.3)
Montenegro	6.4	(0.7)	4.0	(0.6)	1.6	(0.3)	30.1	(1.3)	18.1	(1.4)	8.1	(0.7)	35.8	(1.2)	35.6	(1.8)	27.7	(1.2)
Peru	44.2	(1.9)	15.2	(1.3)	4.2	(0.6)	29.3	(1.2)	31.1	(1.3)	16.1	(1.5)	21.2	(1.3)	37.4	(1.4)	35.8	(1.3)
Qatar	1.1	(0.2)	0.9	(0.2)	0.1	(0.1)	12.1	(0.6)	8.6	(0.6)	3.2	(0.3)	20.5	(0.8)	17.2	(0.9)	10.2	(0.4)
Romania	8.8	(1.2)	3.7	(0.5)	0.6	(0.2)	49.3	(2.0)	31.7	(1.5)	13.3	(1.3)	27.5	(1.8)	33.3	(1.4)	20.7	(1.7)
Russian Federation	3.8	(0.7)	1.3	(0.2)	0.4	(0.1)	29.3	(1.5)	15.1	(1.0)	4.9	(0.7)	34.6	(1.8)	29.4	(1.1)	17.6	(1.1)
Serbia	5.7	(0.8)	3.5	(0.4)	1.2	(0.4)	18.5	(1.4)	12.1	(0.8)	5.5	(0.8)	53.9	(1.6)	43.6	(1.2)	23.0	(1.9)
Shanghai-China	3.1	(0.7)	1.3	(0.2)	0.3	(0.1)	29.1	(1.9)	13.3	(0.7)	4.2	(0.5)	33.0	(1.4)	29.1	(1.3)	17.1	(1.4)
Singapore	4.9	(0.5)	2.2	(0.3)	0.5	(0.2)	11.3	(0.8)	8.9	(0.7)	1.5	(0.4)	28.9	(1.0)	22.0	(1.0)	6.3	(0.7)
Chinese Taipei	5.5	(0.5)	3.4	(0.4)	0.7	(0.2)	34.4	(1.5)	20.9	(1.0)	9.1	(1.0)	37.6	(1.3)	34.0	(0.9)	21.6	(1.5)
Thailand	16.9	(1.3)	11.8	(1.0)	4.7	(0.4)	54.7	(2.0)	40.7	(1.7)	16.5	(1.3)	17.3	(1.3)	27.3	(1.5)	33.9	(1.4)
Tunisia	57.4	(2.1)	23.9	(1.5)	4.6	(0.8)	16.3	(1.3)	25.5	(1.6)	12.8	(1.2)	16.1	(1.3)	24.5	(1.4)	25.0	(1.7)
United Arab Emirates	1.7	(0.3)	0.7	(0.2)	0.1	(0.0)	10.2	(0.9)	4.1	(0.5)	1.0	(0.3)	23.9	(1.7)	14.0	(0.9)	4.8	(0.5)
Uruguay	26.2	(1.2)	15.4	(1.1)	2.0	(0.6)	27.9	(1.2)	20.9	(1.0)	7.2	(1.1)	36.7	(1.0)	39.6	(1.4)	26.5	(2.0)
Viet Nam	3.4	(1.1)	2.0	(0.5)	3.4	(0.7)	86.2	(1.6)	69.4	(2.0)	30.9	(3.8)	7.0	(0.9)	17.7	(1.6)	34.5	(2.1)

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference between the students' and the country's/economy's mean socio-economic status; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country's/ economy's mean socio-economic status.

* See notes at the beginning of this Annex.

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[Part 3/3]


Parents' education and occupation, and students' home possessions, by schools' socio-economic profile

Table II.2.10 Results based on students' self-reports

	Parents' highest occupation: Percentage of students with at least one parent working in an occupation considered as skilled (ISCO 1, 2 and 3)						Cultural possessions: Percentage of students who reported that they have poetry books at home						Number of books at home: Percentage of students who reported that they have at least 200 books at home					
	Socio-economically disadvantaged schools ¹		Socio-economically average schools ¹		Socio-economically advantaged schools ¹		Socio-economically disadvantaged schools ¹		Socio-economically average schools ¹		Socio-economically advantaged schools ¹		Socio-economically disadvantaged schools ¹		Socio-economically average schools ¹		Socio-economically advantaged schools ¹	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																		
Australia	45.9	(1.0)	67.1	(0.6)	88.5	(0.7)	25.3	(0.7)	33.9	(0.8)	49.1	(1.0)	15.9	(0.7)	24.3	(0.8)	39.9	(1.2)
Austria	27.8	(1.4)	50.6	(1.5)	79.6	(1.7)	44.1	(1.5)	56.1	(1.2)	72.3	(2.1)	7.3	(0.8)	19.6	(1.3)	47.5	(2.8)
Belgium	28.6	(1.1)	54.9	(1.1)	79.7	(0.9)	21.0	(1.1)	28.5	(1.1)	44.0	(1.2)	8.4	(0.6)	18.3	(0.9)	33.6	(1.3)
Canada	45.1	(1.1)	64.3	(0.7)	82.6	(1.0)	26.2	(1.5)	32.5	(0.8)	43.0	(1.2)	12.7	(1.0)	22.6	(0.7)	33.4	(1.1)
Chile	12.8	(1.0)	28.9	(1.4)	66.1	(1.9)	52.1	(1.1)	56.4	(1.9)	54.4	(1.4)	2.0	(0.3)	4.3	(0.6)	13.0	(0.9)
Czech Republic	20.4	(1.8)	44.1	(1.1)	74.3	(1.5)	28.1	(2.3)	43.2	(1.4)	60.0	(1.7)	10.6	(1.4)	18.7	(1.0)	43.9	(2.1)
Denmark	40.1	(2.1)	59.0	(1.0)	83.8	(1.3)	18.4	(1.5)	27.1	(0.8)	46.6	(2.1)	10.8	(1.1)	19.0	(0.8)	34.0	(2.1)
Estonia	29.3	(1.5)	53.3	(1.2)	83.5	(1.1)	64.4	(2.0)	70.8	(1.1)	81.7	(1.2)	15.5	(1.2)	23.0	(0.9)	39.2	(1.7)
Finland	47.4	(1.9)	65.5	(0.9)	83.1	(1.1)	40.8	(1.9)	52.3	(1.0)	59.0	(1.5)	12.9	(1.3)	20.3	(0.8)	32.5	(2.0)
France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Germany	27.7	(1.5)	52.6	(1.2)	79.4	(1.6)	47.3	(1.7)	56.3	(1.1)	70.2	(1.3)	12.2	(1.0)	25.9	(1.7)	49.5	(2.3)
Greece	20.8	(1.5)	47.8	(1.2)	74.6	(1.2)	33.0	(1.7)	42.8	(1.2)	58.6	(1.7)	8.8	(0.9)	16.8	(0.9)	31.8	(1.5)
Hungary	18.7	(1.3)	39.7	(1.4)	70.9	(2.0)	44.9	(2.4)	66.6	(1.7)	85.8	(1.1)	10.9	(1.2)	27.0	(1.2)	56.0	(2.0)
Iceland	46.0	(1.7)	66.6	(0.9)	81.5	(1.2)	62.5	(1.8)	71.0	(0.9)	79.4	(1.2)	21.0	(1.7)	28.9	(0.8)	40.2	(1.5)
Ireland	34.6	(2.3)	54.8	(0.9)	78.4	(1.4)	24.1	(2.3)	34.7	(1.0)	45.0	(1.5)	7.4	(1.2)	19.2	(0.8)	37.0	(1.8)
Israel	45.6	(2.3)	70.0	(1.5)	90.5	(0.9)	47.6	(2.1)	49.1	(1.8)	59.9	(1.6)	17.2	(2.1)	23.4	(2.3)	35.7	(3.2)
Italy	18.7	(0.7)	41.6	(0.6)	65.6	(0.9)	42.2	(1.1)	54.4	(0.8)	74.3	(0.8)	7.9	(0.5)	16.6	(0.6)	37.0	(1.0)
Japan	32.8	(1.0)	50.3	(1.0)	68.7	(1.4)	13.8	(1.0)	25.2	(1.0)	39.4	(1.7)	18.2	(1.0)	21.0	(0.9)	33.4	(1.7)
Korea	38.4	(1.5)	57.4	(1.1)	74.6	(1.4)	46.5	(1.5)	65.1	(1.1)	76.5	(1.5)	17.7	(1.4)	37.1	(1.5)	56.9	(2.4)
Luxembourg	27.7	(1.0)	50.4	(1.6)	72.6	(1.0)	41.0	(1.0)	54.7	(1.9)	65.3	(1.0)	16.6	(0.7)	37.3	(1.7)	56.8	(1.1)
Mexico	11.5	(0.4)	25.5	(0.7)	55.6	(1.1)	39.5	(1.0)	44.7	(0.8)	50.1	(0.9)	1.8	(0.2)	2.5	(0.2)	7.4	(0.6)
Netherlands	45.8	(1.6)	70.0	(1.1)	87.9	(0.9)	20.2	(1.6)	24.3	(1.3)	42.9	(1.9)	8.5	(1.1)	16.6	(1.5)	36.8	(2.0)
New Zealand	42.6	(2.4)	65.7	(0.9)	88.0	(1.3)	29.1	(1.4)	36.3	(1.2)	47.4	(2.0)	12.9	(1.2)	23.7	(1.2)	40.3	(1.9)
Norway	55.2	(2.2)	69.9	(0.8)	88.3	(1.2)	31.8	(2.5)	42.9	(1.2)	62.3	(2.5)	17.8	(2.2)	26.1	(0.9)	46.1	(3.0)
Poland	18.4	(1.0)	44.3	(1.0)	75.3	(1.8)	33.7	(1.3)	47.1	(1.1)	64.5	(2.0)	6.3	(0.8)	14.2	(1.0)	40.2	(2.7)
Portugal	16.5	(1.0)	34.2	(0.8)	70.9	(4.1)	35.6	(1.3)	50.1	(1.3)	72.8	(2.1)	4.7	(0.6)	11.9	(0.7)	32.9	(1.9)
Slovak Republic	10.2	(1.2)	32.0	(1.3)	64.5	(2.0)	45.2	(2.1)	61.5	(1.1)	74.4	(1.5)	4.3	(0.8)	10.8	(0.9)	28.8	(1.9)
Slovenia	33.2	(1.2)	54.7	(1.2)	80.5	(1.3)	44.6	(1.2)	57.7	(1.2)	78.8	(1.3)	4.8	(0.6)	10.7	(0.7)	30.3	(1.6)
Spain	22.3	(0.8)	39.9	(0.8)	69.7	(1.5)	47.8	(1.1)	55.6	(0.9)	68.7	(1.3)	10.4	(0.6)	21.7	(0.6)	38.3	(1.2)
Sweden	42.3	(1.8)	61.6	(0.9)	85.9	(1.0)	25.1	(1.5)	32.4	(1.0)	48.5	(2.1)	14.2	(1.5)	25.2	(1.0)	37.9	(1.8)
Switzerland	43.7	(1.7)	61.8	(0.9)	86.7	(1.0)	29.7	(1.5)	35.2	(1.0)	50.8	(2.0)	11.5	(0.9)	16.6	(1.1)	39.2	(1.9)
Turkey	9.9	(0.9)	18.8	(0.8)	39.4	(2.3)	51.9	(1.7)	59.6	(1.2)	69.4	(2.1)	2.9	(0.5)	6.6	(0.7)	20.3	(2.2)
United Kingdom	44.1	(2.5)	64.9	(0.9)	84.6	(1.2)	27.3	(1.9)	36.6	(1.1)	53.8	(1.4)	9.6	(0.7)	20.0	(1.0)	39.1	(2.0)
United States	44.2	(1.9)	64.5	(1.2)	82.2	(1.5)	33.2	(1.7)	38.0	(1.4)	46.0	(1.5)	5.7	(0.5)	16.3	(1.2)	22.7	(1.5)
OECD average	31.7	(0.3)	52.5	(0.2)	77.0	(0.3)	36.4	(0.3)	46.5	(0.2)	60.5	(0.3)	10.5	(0.2)	19.5	(0.2)	36.7	(0.3)
Partners																		
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	15.8	(1.2)	29.2	(1.4)	57.5	(3.4)	50.5	(1.7)	54.4	(2.3)	55.8	(1.8)	2.1	(0.4)	5.9	(0.7)	10.8	(1.1)
Brazil	19.1	(0.7)	28.1	(0.8)	65.4	(1.7)	50.8	(1.1)	52.8	(1.1)	50.7	(1.3)	1.5	(0.2)	2.4	(0.3)	6.5	(0.8)
Bulgaria	19.2	(1.0)	41.7	(1.6)	73.3	(1.7)	44.6	(1.9)	63.0	(1.7)	83.4	(0.9)	5.5	(0.7)	11.5	(0.9)	26.3	(1.5)
Colombia	9.3	(0.8)	20.7	(1.2)	43.8	(2.2)	48.6	(2.1)	55.7	(1.3)	59.1	(1.7)	0.7	(0.3)	1.7	(0.2)	4.4	(0.8)
Costa Rica	15.5	(1.7)	30.7	(1.1)	68.9	(2.5)	23.7	(1.1)	33.3	(1.4)	46.2	(2.2)	0.4	(0.2)	1.8	(0.3)	10.2	(1.5)
Croatia	20.8	(1.1)	39.5	(1.3)	72.3	(2.2)	18.9	(1.1)	31.8	(1.1)	55.1	(2.3)	3.1	(0.4)	7.2	(0.7)	20.1	(1.6)
Cyprus*	23.4	(1.2)	41.1	(1.3)	67.3	(1.3)	35.6	(1.2)	43.3	(1.3)	56.6	(1.2)	11.0	(0.6)	17.0	(0.9)	28.5	(1.1)
Hong Kong-China	23.2	(1.0)	40.4	(1.3)	75.0	(2.6)	37.5	(1.8)	50.4	(1.5)	66.0	(2.3)	3.8	(0.5)	11.0	(0.8)	28.2	(2.1)
Indonesia	7.9	(0.9)	17.2	(1.3)	45.3	(3.8)	33.2	(2.1)	39.2	(2.0)	39.9	(2.3)	3.0	(0.5)	5.3	(0.7)	9.5	(1.3)
Jordan	43.0	(1.4)	59.4	(1.2)	83.7	(1.3)	38.5	(1.3)	40.6	(1.0)	49.6	(2.2)	5.4	(0.6)	7.9	(0.4)	12.7	(1.3)
Kazakhstan	44.6	(2.0)	56.1	(1.1)	77.0	(1.4)	69.8	(2.4)	74.6	(1.6)	76.1	(1.8)	3.5	(0.7)	7.9	(0.9)	17.0	(1.9)
Latvia	21.3	(2.2)	46.6	(1.2)	76.6	(1.4)	49.9	(2.7)	65.6	(1.3)	80.2	(1.3)	10.0	(1.7)	17.8	(1.0)	31.4	(1.8)
Liechtenstein	c	c	71.6	(3.5)	c	c	c	c	54.7	(4.1)	c	c	c	c	19.3	(3.6)	c	c
Lithuania	26.9	(1.4)	50.5	(1.0)	77.0	(1.5)	34.7	(1.4)	53.2	(1.4)	72.5	(1.5)	5.6	(0.8)	14.1	(0.8)	26.4	(1.8)
Macao-China	16.3	(0.8)	26.9	(1.3)	47.6	(1.2)	39.4	(0.9)	36.3	(1.5)	47.0	(1.2)	4.1	(0.3)	4.9	(0.8)	11.5	(0.8)
Malaysia	19.9	(1.3)	36.0	(1.2)	65.1	(2.2)	43.2	(1.7)	40.1	(1.3)	39.6	(1.6)	6.9	(0.9)	10.2	(1.0)	15.6	(1.5)
Montenegro	27.7	(1.1)	42.2	(1.7)	62.6	(1.4)	62.4	(1.1)	74.0	(1.4)	82.1	(1.0)	10.1	(0.8)	14.2	(1.2)	26.3	(1.0)
Peru	5.2	(0.6)	16.3	(1.1)	43.9	(2.4)	77.1	(1.3)	73.9	(1.4)	66.9	(1.3)	1.9	(0.3)	2.4	(0.3)	5.3	(0.8)
Qatar	66.3	(0.9)	73.3	(1.0)	86.4	(0.5)	53.8	(1.0)	54.2	(1.0)	57.3	(0.7)	10.9	(0.5)	14.6	(0.8)	20.5	(0.6)
Romania	14.3	(1.1)	31.4	(1.4)	65.4	(2.6)	73.7	(1.6)	82.4	(1.3)	94.0	(0.7)	4.1	(0.7)	8.5	(0.7)	28.9	(2.0)
Russian Federation	32.3	(1.3)	54.2	(1.0)	77.2	(1.5)	62.5	(1.8)	76.6	(1.0)	90.4	(0.8)	8.3	(0.9)	17.4	(1.0)	32.7	(1.5)
Serbia	21.9	(1.2)	40.8	(1.1)	70.3	(2.1)	56.9	(1.8)	69.8	(1.2)	85.5	(1.3)	3.5	(0.5)	9.2	(0.7)	25.6	(1.8)
Shanghai-China	34.8	(1.6)	56.3	(1.2)	78.3	(1.6)	66.9	(1.7)	76.4	(1.2)	86.5	(1.0)	3.9	(0.4)	8.1	(0.7)	24.3	(1.7)
Singapore	54.9	(1.0)	66.8	(1.0)	91.6	(0.8)	24.5	(1.0)	29.7	(1.0)	50.6	(1.7)	7.4	(0.6)	14.6	(0.8)	31.7	(1.5)
Chinese Taipei	22.5	(1.0)	41.7	(1.1)	68.5	(1.9)	38.5	(1.2)	53.4	(1.2)	72.7	(1.9)	10.3	(0.8)	19.0	(0.8)	35.8	(1.4)
Thailand	11.1	(0.9)	20.1	(1.3)	44.9	(2.1)	44.7	(1.4)	43.0	(1.6)	44.3	(1.6)	2.1	(0.4)	3.1	(0.6)	11.7	(1.0)
Tunisia	10.2	(1.0)	26.1	(1.3)	57.6	(2.2)	24.5	(1.6)	32.8	(1.3)	41.7	(2.0)	1.1	(0.3)	2.5	(0.4)	6.6	(0.9)
United Arab Emirates	64.2	(1.7)	81.2	(1.1)	94.1	(0.6)	41.2	(1.3)	44.7	(1.1)	50.4	(0.9)	6.4	(0.4)	11.5	(0.6)	20.3	(1.1)
Uruguay	9.2	(0.6)	24.1	(0.9)	64.4	(2.8)	40.0	(1.3)	49.2	(1.5)	54.8	(2.3)	2.6	(0.4)	4.5	(0.6)	15.8	(1.8)
Viet Nam	3.4	(0.5)	10.8	(1.0)	31.2	(3.0)	38.1	(2.3)	41.1	(2.3)	44.6	(1.4)	1.9	(0.4)	4.2	(0.5)	5.3	(0.9)

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference between the students' and the country's/economy's mean socio-economic status; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country's/economy's mean socio-economic status.

* See notes at the beginning of this Annex.

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[Part 1/2]

School performance and schools' socio-economic profileTable II.2.11 *Results based on students' self-reports*

	Percentage of students (across schools of all socio-economic profiles)						Percentage of students in schools that are socio-economically disadvantaged and ...					
	Schools with low achievement in mathematics ¹		Schools with average achievement in mathematics ¹		Schools with high achievement in mathematics ¹		have low achievement in mathematics ¹		have average achievement in mathematics ¹		have high achievement in mathematics ¹	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD												
Australia	24.4	(1.6)	51.2	(2.1)	24.4	(1.5)	13.6	(1.1)	9.8	(1.3)	0.4	(0.3)
Austria	37.1	(2.4)	20.6	(3.0)	42.3	(2.9)	25.1	(2.7)	7.1	(2.3)	0.3	(0.6)
Belgium	33.7	(1.9)	27.6	(2.4)	38.7	(2.0)	23.5	(2.0)	4.4	(1.3)	1.1	(0.7)
Canada	22.9	(2.3)	54.6	(2.8)	22.5	(2.1)	9.5	(1.6)	10.2	(1.7)	1.7	(0.8)
Chile	42.7	(3.5)	23.3	(3.9)	34.0	(3.3)	31.6	(3.3)	8.2	(2.0)	3.0	(1.5)
Czech Republic	31.3	(3.1)	37.3	(3.8)	31.4	(2.5)	13.0	(2.2)	8.5	(2.4)	0.2	(0.1)
Denmark	18.4	(2.9)	58.9	(3.8)	22.7	(2.9)	10.1	(2.3)	11.2	(2.5)	0.0	(0.1)
Estonia	19.9	(2.7)	59.4	(3.5)	20.7	(2.3)	7.8	(1.7)	10.9	(1.8)	0.3	(0.6)
Finland	12.9	(2.5)	73.0	(3.5)	14.0	(2.4)	4.0	(1.4)	11.8	(2.6)	0.1	(0.3)
France	w	w	w	w	w	w	w	w	w	w	w	w
Germany	36.1	(2.4)	25.2	(2.8)	38.7	(2.2)	21.4	(2.3)	5.6	(1.5)	1.0	(0.7)
Greece	23.2	(2.8)	43.2	(4.0)	33.6	(3.3)	17.8	(2.6)	6.7	(1.9)	0.7	(0.7)
Hungary	36.2	(2.4)	23.4	(2.7)	40.4	(2.6)	25.2	(2.2)	6.4	(2.3)	0.0	(0.1)
Iceland	19.0	(2.6)	56.2	(3.1)	24.7	(1.1)	7.1	(0.3)	8.8	(0.3)	0.4	(0.3)
Ireland	18.9	(2.8)	60.5	(3.5)	20.6	(2.5)	14.5	(2.3)	2.7	(1.3)	0.0	(0.0)
Israel	32.4	(2.7)	28.0	(3.3)	39.6	(3.7)	22.4	(2.6)	7.3	(2.1)	0.0	(0.0)
Italy	38.6	(1.7)	21.3	(2.0)	40.0	(1.9)	22.1	(1.4)	3.8	(0.9)	2.9	(0.7)
Japan	40.5	(2.9)	22.2	(3.1)	37.3	(3.0)	23.7	(2.4)	4.4	(1.6)	1.4	(1.0)
Korea	30.6	(2.6)	33.2	(3.8)	36.2	(3.5)	20.8	(2.4)	5.2	(1.8)	0.7	(0.7)
Luxembourg	42.6	(0.4)	15.4	(0.4)	42.0	(0.5)	39.7	(0.1)	8.2	(0.1)	0.0	(0.0)
Mexico	29.5	(1.5)	40.7	(2.0)	29.8	(1.7)	17.5	(1.4)	13.9	(1.3)	2.8	(0.6)
Netherlands	40.7	(2.9)	13.9	(2.9)	45.4	(2.5)	20.5	(2.6)	2.9	(0.9)	0.0	(0.0)
New Zealand	25.6	(2.6)	48.9	(3.4)	25.5	(2.3)	14.6	(2.3)	6.8	(2.2)	0.1	(0.1)
Norway	18.2	(3.1)	62.1	(3.7)	19.7	(3.1)	4.1	(1.6)	5.8	(1.8)	0.2	(0.3)
Poland	26.2	(3.8)	53.9	(4.2)	19.9	(3.1)	15.3	(3.0)	12.1	(2.5)	0.1	(0.4)
Portugal	28.8	(3.3)	37.7	(4.1)	33.5	(3.7)	21.4	(3.0)	10.8	(3.0)	1.4	(1.5)
Slovak Republic	30.2	(3.3)	38.9	(4.0)	30.9	(2.5)	19.5	(2.6)	7.0	(1.5)	0.4	(0.4)
Slovenia	42.0	(0.8)	16.9	(1.4)	41.0	(1.1)	24.3	(0.6)	4.0	(0.7)	1.1	(0.5)
Spain	25.3	(2.3)	49.9	(3.1)	24.8	(2.2)	17.3	(2.4)	12.0	(2.2)	0.1	(0.1)
Sweden	18.5	(3.0)	64.2	(4.2)	17.3	(2.9)	8.1	(2.2)	9.3	(2.4)	0.6	(0.6)
Switzerland	35.5	(3.1)	37.1	(3.1)	27.4	(2.8)	16.1	(2.7)	8.0	(1.6)	2.4	(1.3)
Turkey	52.5	(3.6)	19.3	(2.7)	28.2	(2.8)	25.4	(3.1)	5.3	(1.9)	1.4	(1.0)
United Kingdom	26.9	(3.2)	47.7	(3.8)	25.4	(2.8)	14.9	(2.9)	9.2	(2.2)	0.1	(0.2)
United States	32.9	(3.9)	37.9	(4.3)	29.2	(3.8)	21.1	(3.1)	5.6	(2.0)	0.0	(0.0)
OECD average	30.3	(0.5)	38.8	(0.6)	30.8	(0.5)	18.1	(0.4)	7.5	(0.3)	0.8	(0.1)
Partners												
Albania	9.4	(2.6)	77.8	(3.8)	12.8	(2.6)	m	m	m	m	m	m
Argentina	33.4	(3.5)	29.4	(3.5)	37.2	(3.9)	24.2	(3.1)	9.0	(2.2)	0.2	(0.3)
Brazil	33.3	(2.3)	39.8	(3.0)	26.9	(2.1)	17.8	(1.9)	12.1	(2.1)	2.3	(1.0)
Bulgaria	40.5	(3.4)	25.7	(3.5)	33.9	(2.8)	27.7	(3.0)	4.8	(1.8)	1.2	(1.1)
Colombia	28.7	(3.1)	44.1	(3.8)	27.3	(3.4)	19.0	(2.8)	9.3	(2.3)	0.4	(0.4)
Costa Rica	32.3	(3.4)	41.0	(3.4)	26.7	(3.4)	18.9	(3.0)	9.5	(2.5)	0.1	(0.3)
Croatia	37.2	(3.3)	32.6	(3.4)	30.2	(2.5)	19.8	(2.8)	12.4	(2.3)	0.8	(0.7)
Cyprus*	29.6	(0.8)	34.7	(1.8)	35.7	(1.4)	20.1	(1.1)	13.4	(0.7)	1.1	(1.1)
Hong Kong-China	35.9	(3.4)	23.0	(3.7)	41.1	(2.8)	25.5	(3.0)	6.6	(2.4)	3.3	(1.5)
Indonesia	36.5	(3.5)	34.1	(4.4)	29.4	(3.7)	18.8	(3.3)	14.6	(3.6)	6.5	(2.1)
Jordan	31.4	(3.8)	43.5	(4.2)	25.1	(3.1)	10.9	(2.1)	7.8	(2.2)	2.0	(1.1)
Kazakhstan	39.4	(3.3)	35.3	(3.8)	25.3	(3.4)	15.7	(3.2)	4.4	(1.8)	2.7	(1.2)
Latvia	20.5	(3.2)	54.7	(3.8)	24.9	(2.8)	9.0	(1.9)	11.2	(2.4)	0.0	(0.0)
Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c
Lithuania	27.1	(3.2)	44.2	(4.1)	28.6	(2.9)	15.7	(2.2)	6.9	(1.4)	0.3	(0.3)
Macao-China	33.8	(0.1)	22.5	(1.4)	43.7	(1.4)	26.4	(0.0)	9.0	(0.6)	16.2	(0.6)
Malaysia	35.5	(3.7)	39.3	(3.9)	25.2	(3.2)	21.0	(2.6)	7.5	(2.2)	0.1	(0.3)
Montenegro	46.4	(2.1)	22.3	(2.4)	31.4	(3.4)	37.2	(0.7)	1.5	(0.7)	0.0	(0.0)
Peru	36.9	(2.7)	29.1	(3.5)	34.0	(3.4)	26.9	(2.5)	7.7	(1.9)	0.4	(0.4)
Qatar	56.1	(0.4)	7.2	(0.5)	36.7	(0.4)	23.2	(0.3)	1.9	(0.3)	8.6	(0.1)
Romania	40.3	(3.5)	29.5	(3.5)	30.1	(2.9)	22.8	(3.2)	6.4	(1.9)	1.6	(1.1)
Russian Federation	27.3	(2.9)	47.5	(3.5)	25.3	(3.1)	12.5	(2.1)	7.3	(2.0)	2.1	(1.0)
Serbia	42.0	(3.4)	22.8	(3.2)	35.3	(2.9)	25.2	(3.1)	6.9	(2.2)	0.1	(0.5)
Shanghai-China	37.2	(2.6)	25.1	(3.2)	37.7	(2.4)	25.6	(2.8)	3.6	(1.5)	0.3	(0.6)
Singapore	35.6	(2.3)	36.6	(2.6)	27.8	(0.7)	19.9	(1.8)	10.6	(1.8)	0.0	(0.0)
Chinese Taipei	36.8	(3.2)	30.8	(4.1)	32.4	(3.3)	25.8	(2.9)	3.7	(1.5)	0.6	(0.7)
Thailand	39.6	(3.2)	32.5	(3.7)	27.9	(3.4)	23.9	(3.0)	10.3	(2.3)	4.9	(1.5)
Tunisia	39.2	(3.6)	23.2	(4.0)	37.5	(3.5)	20.0	(3.0)	6.8	(2.0)	2.7	(1.4)
United Arab Emirates	37.8	(2.9)	32.5	(2.9)	29.7	(2.0)	17.4	(1.5)	7.5	(1.4)	0.4	(0.5)
Uruguay	38.4	(2.6)	27.2	(3.2)	34.4	(2.3)	29.3	(2.5)	9.7	(2.1)	1.3	(1.1)
Viet Nam	30.0	(3.7)	34.4	(4.8)	35.6	(4.2)	21.7	(3.3)	14.2	(2.7)	3.5	(1.3)

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference between the students' and the country/economy's mean socio-economic status; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy's mean socio-economic status. The classification by performance is done in an analogue way.

* See notes at the beginning of this Annex.

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[Part 2/2]

School performance and schools' socio-economic profile

Table II.2.11

Results based on students' self-reports

	Percentage of students in schools that are socio-economically average and...						Percentage of students in schools that are socio-economically advantaged and...						
	have low achievement in mathematics ¹		have average achievement in mathematics ¹		have high achievement in mathematics ¹		have low achievement in mathematics ¹		have average achievement in mathematics ¹		have high achievement in mathematics ¹		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
OECD													
Australia	10.1	(1.3)	34.1	(2.1)	7.1	(1.0)	0.6	(0.4)	7.4	(1.1)	17.0	(1.3)	
Austria	10.8	(2.1)	10.1	(2.6)	20.5	(2.8)	1.2	(0.8)	3.5	(1.9)	21.5	(2.5)	
Belgium	9.4	(1.7)	17.8	(2.4)	10.0	(1.9)	0.7	(0.6)	5.4	(1.6)	27.6	(1.9)	
Canada	12.5	(1.8)	33.7	(2.7)	6.4	(1.2)	1.0	(0.7)	10.6	(1.4)	14.4	(1.8)	
Chile	9.5	(2.5)	8.9	(2.7)	4.4	(1.9)	1.6	(1.0)	6.2	(2.1)	26.7	(2.6)	
Czech Republic	18.3	(2.5)	27.4	(3.0)	12.0	(2.3)	0.0	(0.0)	1.5	(0.7)	19.2	(1.9)	
Denmark	8.3	(1.8)	39.8	(3.5)	8.0	(2.3)	0.0	(0.0)	8.0	(2.0)	14.6	(2.2)	
Estonia	11.6	(2.5)	39.3	(3.4)	7.2	(2.0)	0.5	(0.6)	9.2	(1.3)	13.3	(1.5)	
Finland	8.5	(2.0)	50.5	(3.8)	8.0	(2.3)	0.4	(0.2)	10.7	(1.7)	5.9	(1.5)	
France	w	w	w	w	w	w	w	w	w	w	w	w	
Germany	13.6	(2.2)	18.4	(2.5)	13.2	(2.3)	0.7	(0.6)	1.1	(0.8)	24.9	(2.1)	
Greece	5.4	(1.6)	29.5	(3.9)	13.5	(2.7)	0.0	(0.0)	7.0	(2.2)	19.4	(2.9)	
Hungary	10.6	(2.3)	14.7	(2.9)	9.7	(2.1)	0.4	(0.3)	2.3	(1.2)	30.7	(2.4)	
Iceland	11.9	(2.8)	39.6	(2.6)	4.4	(0.8)	0.0	(0.0)	7.8	(0.8)	20.0	(0.8)	
Ireland	4.3	(1.7)	45.8	(3.8)	6.9	(2.0)	0.1	(0.4)	12.0	(2.5)	13.7	(2.1)	
Israel	9.3	(2.3)	16.0	(2.8)	13.1	(3.0)	1.0	(1.0)	4.5	(1.8)	26.4	(3.1)	
Italy	14.8	(1.3)	12.1	(1.5)	14.3	(1.2)	1.8	(0.5)	5.4	(1.1)	22.8	(1.7)	
Japan	14.3	(2.8)	14.2	(2.9)	14.6	(2.3)	2.3	(1.2)	3.6	(1.2)	21.4	(2.1)	
Korea	9.1	(2.1)	22.5	(3.3)	17.0	(2.9)	0.7	(0.7)	5.5	(1.9)	18.5	(3.1)	
Luxembourg	2.9	(0.4)	2.6	(0.5)	9.5	(0.4)	0.0	(0.0)	4.5	(0.2)	32.6	(0.2)	
Mexico	10.3	(1.3)	17.1	(1.6)	7.8	(1.1)	1.4	(0.3)	9.7	(1.2)	19.3	(1.4)	
Netherlands	19.2	(3.3)	9.2	(2.4)	22.5	(3.1)	1.0	(0.8)	1.7	(1.1)	22.9	(3.2)	
New Zealand	11.0	(2.9)	36.7	(3.5)	7.7	(2.3)	0.0	(0.0)	5.4	(1.5)	17.7	(2.3)	
Norway	14.1	(2.9)	49.9	(3.7)	9.3	(2.5)	0.0	(0.0)	6.4	(1.8)	10.2	(2.3)	
Poland	9.2	(3.0)	36.5	(3.8)	4.5	(1.9)	1.6	(1.0)	5.4	(2.0)	15.2	(2.6)	
Portugal	7.4	(1.7)	21.9	(3.9)	16.6	(3.2)	0.0	(0.0)	5.1	(2.4)	15.4	(2.9)	
Slovak Republic	10.3	(2.2)	29.2	(3.8)	7.8	(2.1)	0.4	(0.6)	2.7	(1.5)	22.7	(2.0)	
Slovenia	17.4	(0.8)	10.8	(1.0)	12.0	(0.6)	0.3	(0.1)	2.1	(0.3)	27.9	(0.6)	
Spain	7.9	(1.2)	27.7	(3.0)	7.2	(1.2)	0.1	(0.1)	10.2	(2.0)	17.4	(2.1)	
Sweden	9.7	(2.1)	43.1	(3.8)	6.1	(1.7)	0.7	(0.7)	11.8	(2.5)	10.6	(2.3)	
Switzerland	16.9	(2.4)	24.6	(2.9)	5.8	(1.8)	2.6	(1.1)	4.4	(1.5)	19.3	(2.1)	
Turkey	24.8	(3.6)	10.0	(2.6)	8.4	(1.5)	2.3	(1.5)	4.1	(1.4)	18.4	(2.3)	
United Kingdom	12.0	(2.4)	31.9	(2.9)	8.2	(1.9)	0.0	(0.0)	6.6	(1.7)	17.1	(2.1)	
United States	10.5	(3.5)	23.8	(4.1)	10.0	(2.5)	1.3	(0.9)	8.6	(2.4)	19.1	(3.3)	
OECD average	11.4	(0.4)	25.4	(0.5)	10.4	(0.4)	0.8	(0.1)	6.0	(0.3)	19.7	(0.4)	
Partners													
Albania	m	m	m	m	m	m	m	m	m	m	m	m	
Argentina	9.2	(2.5)	13.4	(2.4)	12.1	(2.8)	0.0	(0.0)	7.0	(2.6)	24.9	(3.4)	
Brazil	14.9	(2.0)	23.1	(2.2)	5.9	(1.4)	0.6	(0.4)	4.6	(1.2)	18.7	(1.5)	
Bulgaria	12.2	(2.7)	15.6	(2.9)	4.7	(1.5)	0.6	(0.4)	5.2	(1.8)	28.0	(2.6)	
Colombia	9.6	(1.9)	24.5	(3.5)	7.5	(2.5)	0.0	(0.0)	10.3	(2.8)	19.3	(2.6)	
Costa Rica	12.6	(2.4)	26.2	(3.0)	9.9	(3.1)	0.8	(0.4)	5.2	(2.0)	16.7	(2.5)	
Croatia	17.1	(3.0)	18.2	(2.8)	8.3	(2.2)	0.3	(0.3)	2.0	(1.1)	21.1	(1.8)	
Cyprus*	7.7	(0.5)	15.9	(0.9)	13.4	(1.0)	1.8	(0.0)	5.5	(1.5)	21.2	(1.5)	
Hong Kong-China	9.7	(2.6)	12.4	(2.7)	18.0	(2.5)	0.7	(0.8)	3.9	(1.6)	19.8	(3.7)	
Indonesia	14.8	(2.7)	12.1	(3.1)	6.0	(2.0)	2.9	(1.2)	7.4	(2.6)	16.9	(3.0)	
Jordan	19.8	(3.2)	29.6	(3.7)	10.0	(2.5)	0.7	(0.7)	6.1	(2.0)	13.1	(1.7)	
Kazakhstan	21.4	(3.4)	15.9	(2.8)	8.1	(2.0)	2.3	(1.5)	15.1	(3.1)	14.5	(2.8)	
Latvia	11.5	(2.3)	34.9	(3.7)	3.8	(1.6)	0.1	(0.4)	8.2	(2.3)	21.3	(2.5)	
Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	
Lithuania	11.3	(2.4)	30.9	(3.7)	10.9	(2.5)	0.1	(0.4)	6.5	(1.9)	17.5	(2.3)	
Macao-China	3.4	(0.1)	6.0	(1.3)	8.1	(1.3)	4.0	(0.0)	7.5	(0.2)	19.3	(0.2)	
Malaysia	13.1	(2.8)	25.2	(3.7)	4.6	(1.8)	1.4	(1.0)	6.6	(2.3)	20.6	(3.0)	
Montenegro	8.9	(1.8)	8.2	(2.1)	6.5	(2.2)	0.3	(0.2)	12.5	(2.0)	24.8	(2.0)	
Peru	9.9	(2.0)	16.4	(2.8)	5.5	(1.7)	0.1	(0.3)	5.0	(1.8)	28.1	(3.0)	
Qatar	16.1	(0.2)	2.9	(0.5)	3.5	(0.4)	16.8	(0.1)	2.3	(0.1)	24.6	(0.2)	
Romania	17.0	(3.2)	15.4	(2.9)	8.1	(2.3)	0.5	(0.6)	7.7	(2.2)	20.4	(2.9)	
Russian Federation	14.6	(3.0)	29.4	(3.2)	6.2	(2.2)	0.2	(0.4)	10.7	(2.5)	17.0	(2.3)	
Serbia	16.7	(3.0)	13.8	(3.1)	12.7	(2.6)	0.0	(0.0)	2.0	(1.1)	22.4	(2.3)	
Shanghai-China	10.6	(2.0)	16.6	(3.4)	10.2	(2.2)	1.0	(0.9)	5.0	(1.9)	27.2	(2.6)	
Singapore	15.7	(1.0)	20.8	(0.8)	8.8	(0.6)	0.0	(0.0)	5.2	(0.9)	19.0	(0.8)	
Chinese Taipei	10.9	(2.1)	21.5	(4.0)	9.8	(2.5)	0.1	(0.0)	5.6	(2.2)	22.0	(2.6)	
Thailand	12.8	(2.2)	13.0	(2.8)	5.9	(1.9)	2.9	(1.2)	9.3	(2.2)	17.0	(2.7)	
Tunisia	17.6	(3.1)	11.8	(3.1)	14.8	(2.8)	1.6	(0.9)	4.7	(1.4)	20.0	(2.9)	
United Arab Emirates	15.5	(2.0)	14.0	(2.0)	10.5	(1.3)	4.9	(1.6)	10.9	(2.1)	18.8	(1.9)	
Uruguay	9.1	(1.8)	16.1	(2.6)	12.2	(2.0)	0.0	(0.0)	1.3	(0.7)	20.9	(2.2)	
Viet Nam	6.9	(1.6)	14.2	(3.2)	13.3	(2.9)	1.5	(1.1)	6.0	(2.6)	18.7	(3.4)	

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference between the students' and the country's/economy's mean socio-economic status; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country's/economy's mean socio-economic status. The classification by performance is done in an analogue way.

* See notes at the beginning of this Annex.

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[Part 1/2]

Table II.2.12 Change between 2003 and 2012 in enrolment of 15-year-olds

	PISA 2003			PISA 2012			Change between 2003 and 2012 (PISA 2012 - PISA 2003)		
	Total population of 15-year-olds	Total population of 15-year-olds enrolled at Grade 7 or above	Coverage index 3: Percentage of enrolled population	Total population of 15-year-olds	Total population of 15-year-olds enrolled at Grade 7 or above	Coverage index 3: Percentage of enrolled population	Total population of 15-year-olds	Total population of 15-year-olds enrolled at Grade 7 or above	Coverage index 3: Percentage of enrolled population
OECD									
Australia	268 164	250 635	93	291 967	288 159	99	23 803	37 524	5.2
Austria	94 515	89 049	94	93 537	89 073	95	- 978	24	1.0
Belgium	120 802	118 185	98	123 469	121 493	98	2 667	3 308	0.6
Canada	399 265	399 265	100	417 873	409 453	98	18 608	10 188	-2.0
Chile	m	m	m	274 803	252 733	92	m	m	m
Czech Republic	130 679	126 348	97	96 946	93 214	96	-33 733	-33 134	-0.5
Denmark	59 156	58 188	98	72 310	70 854	98	13 154	12 666	-0.4
Estonia	m	m	m	12 649	12 438	98	m	m	m
Finland	61 107	61 107	100	62 523	62 195	99	1 416	1 088	-0.5
France	809 053	808 276	100	792 983	755 447	95	-16 070	-52 829	-4.6
Germany	951 800	916 869	96	798 136	798 136	100	-153 664	-118 733	3.7
Greece	111 286	108 314	97	110 521	105 096	95	- 765	- 3 218	-2.2
Hungary	129 138	123 762	96	111 761	108 816	97	-17 377	-14 946	1.5
Iceland	4 168	4 112	99	4 505	4 491	100	337	379	1.0
Ireland	61 535	58 997	96	59 296	57 979	98	-2 239	-1 018	1.9
Israel	m	m	m	118 953	113 278	95	m	m	m
Italy	574 611	574 611	100	605 490	566 973	94	30 879	-7 638	-6.4
Japan	1 365 471	1 328 498	97	1 241 786	1 214 756	98	-123 685	-113 742	0.5
Korea	606 722	606 370	100	687 104	672 101	98	80 382	65 731	-2.1
Luxembourg	4 204	4 204	100	6 187	6 082	98	1 983	1 878	-1.7
Mexico	2 192 452	1 273 163	58	2 114 745	1 472 875	70	-77 707	199 712	11.6
Netherlands	194 216	194 216	100	194 000	193 190	100	- 216	-1 026	-0.4
New Zealand	55 440	53 293	96	60 940	59 118	97	5 500	5 825	0.9
Norway	56 060	55 648	99	64 917	64 777	100	8 857	9 129	0.5
Poland	589 506	569 294	97	425 597	410 700	96	-163 909	-158 594	-0.1
Portugal	109 149	99 216	91	127 537	127 537	100	18 388	28 321	9.1
Slovak Republic	84 242	81 945	97	59 723	59 367	99	-24 519	-22 578	2.1
Slovenia	m	m	m	19 471	18 935	97	m	m	m
Spain	454 064	418 005	92	423 444	404 374	95	-30 620	-13 631	3.4
Sweden	112 258	112 258	100	102 087	102 027	100	-10 171	-10 231	-0.1
Switzerland	83 247	81 020	97	87 200	85 239	98	3 953	4 219	0.4
Turkey	1 351 492	725 030	54	1 266 638	965 736	76	-84 854	240 706	22.6
United Kingdom	768 180	736 785	96	745 581	745 581	100	-22 599	8 796	4.1
United States	3 979 116	3 979 116	100	4 074 457	4 074 457	100	95 341	95 341	0.0
Partners									
Albania	m	m	m	76 910	50 157	65	m	m	m
Argentina	m	m	m	684 879	637 603	93	m	m	m
Brazil	3 618 332	2 359 854	65	3 574 928	2 786 064	78	-43 404	426 210	12.7
Bulgaria	m	m	m	70 188	59 684	85	m	m	m
Colombia	m	m	m	889 729	620 422	70	m	m	m
Costa Rica	m	m	m	81 489	64 326	79	m	m	m
Croatia	m	m	m	48 155	46 550	97	m	m	m
Cyprus*	m	m	m	m	m	m	m	m	m
Hong Kong-China	75 000	72 631	97	84 200	77 864	92	9 200	5 233	-4.4
Indonesia	4 281 895	3 113 548	73	4 174 217	3 599 844	86	-107 678	486 296	13.5
Jordan	m	m	m	129 492	125 333	97	m	m	m
Kazakhstan	m	m	m	258 716	247 048	95	m	m	m
Latvia	37 544	37 138	99	18 789	18 389	98	-18 755	-18 749	-1.0
Liechtenstein	402	348	87	417	383	92	15	35	5.3
Lithuania	m	m	m	38 524	35 567	92	m	m	m
Macao-China	8 318	6 939	83	6 600	5 416	82	-1 718	-1 523	-1.4
Malaysia	m	m	m	544 302	457 999	84	m	m	m
Montenegro	m	m	m	8 600	8 600	100	m	m	m
Peru	m	m	m	584 294	508 969	87	m	m	m
Qatar	m	m	m	11 667	11 532	99	m	m	m
Romania	m	m	m	146 243	146 243	100	m	m	m
Russian Federation	2 496 216	2 366 285	95	1 272 632	1 268 814	100	-1223 584	-1097 471	4.9
Serbia	98 729	92 617	94	80 089	75 870	95	-18 640	-16 747	0.9
Shanghai-China	m	m	m	108 056	90 796	84	m	m	m
Singapore	m	m	m	53 637	52 163	97	m	m	m
Chinese Taipei	m	m	m	328 356	328 336	100	m	m	m
Thailand	927 070	778 267	84	982 080	784 897	80	55 010	6 630	-4.0
Tunisia	164 758	164 758	100	132 313	132 313	100	-32 445	-32 445	0.0
United Arab Emirates	m	m	m	48 824	48 446	99	m	m	m
Uruguay	53 948	40 023	74	54 638	46 442	85	690	6 419	10.8
Viet Nam	m	m	m	1 717 996	1 091 462	64	m	m	m

Note: These data come from Annex 2 in PISA 2003 and Annex A2 in this publication. If the proportion of students enrolled in Grade 7 or above were higher than 100, then the figure for the total population of 15-year-olds was set to the proportion of 15-year-olds enrolled. These data are collected from different national data sources: for example, total population is collected from national censuses, which are conducted only in certain years. It is therefore possible that the population data are based on an older source than the enrolment data. These differences may result in an estimated enrolled population that is larger than the total population, which is clearly not possible.

* See notes at the beginning of this Annex.

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[Part 2/2]
Table II.2.12 **Change between 2003 and 2012 in enrolment of 15-year-olds**

	Percentage change between 2003 and 2012 (PISA 2012 - PISA 2003)/(PISA 2003)	Mean mathematics performance in PISA 2012	Mean mathematics performance in PISA 2012 if those not enrolled performed at the bottom of proficiency Level 1 (i.e. 357.77 score points)	Difference in mathematics performance after accounting for those who are not attending school at age 15	Performance rank among all countries before accounting	Performance rank among all countries after accounting	Difference in performance rank after accounting (before-after)
	Total population of 15-year-olds enrolled at Grade 7 or above						
OECD							
Australia	15.0	504	502	2	19	17	2
Austria	0.0	506	498	7	18	18	0
Belgium	2.8	515	512	3	15	14	1
Canada	2.6	518	515	3	13	12	1
Chile	m	423	417	5	52	49	3
Czech Republic	-26.2	499	494	5	24	24	0
Denmark	21.8	500	497	3	22	21	1
Estonia	m	521	518	3	11	11	0
Finland	1.8	519	518	1	12	10	2
France	-6.5	495	488	6	25	27	-2
Germany	-12.9	514	514	0	16	13	3
Greece	-3.0	453	448	5	43	42	1
Hungary	-12.1	477	474	3	40	37	3
Iceland	9.2	493	492	0	28	25	3
Ireland	-1.7	501	498	3	20	19	1
Israel	m	466	461	5	42	40	2
Italy	-1.3	485	477	8	33	36	-3
Japan	-8.6	536	533	4	7	6	1
Korea	10.8	554	549	4	5	4	1
Luxembourg	44.7	490	488	2	30	29	1
Mexico	15.7	413	396	17	54	55	-1
Netherlands	-0.5	523	522	1	10	8	2
New Zealand	10.9	500	496	4	23	22	1
Norway	16.4	489	489	0	31	26	5
Poland	-27.9	518	512	6	14	15	-1
Portugal	28.5	487	487	0	32	30	2
Slovak Republic	-27.6	482	481	1	36	33	3
Slovenia	m	501	497	4	21	20	1
Spain	-3.3	484	479	6	34	34	0
Sweden	-9.1	478	478	0	39	35	4
Switzerland	5.2	531	527	4	9	7	2
Turkey	33.2	448	427	21	45	48	-3
United Kingdom	1.2	494	494	0	27	23	4
United States	2.4	481	481	0	37	32	5
Partners							
Albania	m	394	382	13	58	60	-2
Argentina	m	388	386	2	60	57	3
Brazil	18.1	391	384	7	59	59	0
Bulgaria	m	439	427	12	48	47	1
Colombia	m	376	371	6	63	63	0
Costa Rica	m	407	397	10	57	54	3
Croatia	m	471	467	4	41	39	2
Cyprus*	m	440	m	m	m	m	m
Hong Kong-China	7.2	561	546	15	3	5	-2
Indonesia	15.6	375	373	2	65	62	3
Jordan	m	386	385	1	62	58	4
Kazakhstan	m	432	428	3	50	46	4
Latvia	-50.5	491	488	3	29	28	1
Liechtenstein	10.1	535	521	14	8	9	-1
Lithuania	m	479	470	9	38	38	0
Macao-China	-21.9	538	506	32	6	16	-10
Malaysia	m	421	411	10	53	51	2
Montenegro	m	410	410	0	55	52	3
Peru	m	368	367	1	66	64	2
Qatar	m	376	376	0	64	61	3
Romania	m	445	445	0	46	43	3
Russian Federation	-46.4	482	482	0	35	31	4
Serbia	-18.1	449	444	5	44	44	0
Shanghai-China	m	613	572	41	1	1	0
Singapore	m	573	568	6	2	2	0
Chinese Taipei	m	560	560	0	4	3	1
Thailand	0.9	427	413	14	51	50	1
Tunisia	-19.7	388	388	0	61	56	5
United Arab Emirates	m	434	433	1	49	45	4
Uruguay	16.0	409	402	8	56	53	3
Viet Nam	m	511	455	56	17	41	-24

Note: These data come from Annex 2 in PISA 2003 and Annex A2 in this publication. If the proportion of students enrolled in Grade 7 or above were higher than 100, then the figure for the total population of 15-year-olds was set to the proportion of 15-year-olds enrolled. These data are collected from different national data sources: for example, total population is collected from national censuses, which are conducted only in certain years. It is therefore possible that the population data are based on an older source than the enrolment data. These differences may result in an estimated enrolled population that is larger than the total population, which is clearly not possible.

* See notes at the beginning of this Annex.

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[Part 1/2]
Students' socio-economic status
Results based on students' self-reports

Table II.2.13a


	PISA index of economic, social and cultural status (ESCS)		Variation in ESCS		Skewness of the distribution of ESCS		Percentage of students with low ESCS ¹		Variation in distribution of students across ESCS					
							Approximated by the percentage of students with a value of ESCS lower than -1		25th percentile of ESCS		75th percentile of ESCS		Interquartile range of distribution of students across ESCS	
	Mean index	S.E.	S.D.	S.E.	Skewness	S.E.	%	S.E.	Index	S.E.	Index	S.E.	Range	S.E.
OECD														
Australia	0.25 (0.01)		0.79 (0.01)		-0.46 (0.03)		6.8 (0.3)		-0.31 (0.02)		0.86 (0.01)		1.17 (0.02)	
Austria	0.08 (0.02)		0.85 (0.01)		0.02 (0.05)		8.3 (0.6)		-0.53 (0.02)		0.66 (0.03)		1.19 (0.03)	
Belgium	0.15 (0.02)		0.91 (0.02)		-0.33 (0.18)		10.5 (0.6)		-0.57 (0.03)		0.89 (0.03)		1.46 (0.02)	
Canada	0.41 (0.02)		0.86 (0.01)		-0.39 (0.05)		5.6 (0.4)		-0.20 (0.02)		1.08 (0.01)		1.28 (0.02)	
Chile	-0.58 (0.04)		1.13 (0.02)		0.13 (0.04)		37.7 (1.5)		-1.38 (0.05)		0.26 (0.06)		1.64 (0.06)	
Czech Republic	-0.07 (0.02)		0.75 (0.01)		0.14 (0.06)		9.1 (0.6)		-0.62 (0.02)		0.47 (0.04)		1.09 (0.03)	
Denmark	0.43 (0.02)		0.84 (0.01)		-0.35 (0.04)		4.3 (0.4)		-0.23 (0.03)		1.09 (0.03)		1.32 (0.03)	
Estonia	0.11 (0.01)		0.81 (0.01)		0.01 (0.04)		7.8 (0.5)		-0.55 (0.02)		0.78 (0.02)		1.34 (0.02)	
Finland	0.36 (0.02)		0.77 (0.01)		-0.44 (0.04)		4.0 (0.3)		-0.21 (0.02)		0.99 (0.02)		1.20 (0.02)	
France	-0.04 (0.02)		0.80 (0.01)		-0.33 (0.03)		11.8 (0.6)		-0.62 (0.02)		0.58 (0.02)		1.21 (0.02)	
Germany	0.19 (0.02)		0.93 (0.01)		-0.08 (0.04)		9.8 (0.6)		-0.49 (0.03)		0.95 (0.04)		1.44 (0.03)	
Greece	-0.06 (0.03)		1.00 (0.01)		-0.09 (0.04)		18.6 (1.0)		-0.81 (0.03)		0.78 (0.04)		1.59 (0.03)	
Hungary	-0.25 (0.03)		0.96 (0.02)		-0.06 (0.07)		23.7 (1.0)		-0.97 (0.03)		0.52 (0.05)		1.49 (0.03)	
Iceland	0.78 (0.01)		0.81 (0.01)		-0.48 (0.04)		1.9 (0.2)		0.20 (0.02)		1.42 (0.01)		1.22 (0.02)	
Ireland	0.13 (0.02)		0.85 (0.01)		-0.15 (0.03)		9.2 (0.6)		-0.53 (0.02)		0.81 (0.03)		1.34 (0.03)	
Israel	0.17 (0.03)		0.85 (0.02)		-0.77 (0.08)		8.8 (0.6)		-0.40 (0.03)		0.82 (0.02)		1.22 (0.02)	
Italy	-0.05 (0.01)		0.97 (0.01)		0.08 (0.02)		18.4 (0.4)		-0.76 (0.02)		0.66 (0.02)		1.42 (0.02)	
Japan	-0.07 (0.02)		0.71 (0.01)		-0.02 (0.03)		10.0 (0.6)		-0.62 (0.02)		0.49 (0.02)		1.11 (0.02)	
Korea	0.01 (0.03)		0.74 (0.01)		-0.28 (0.04)		9.5 (0.6)		-0.54 (0.02)		0.59 (0.03)		1.13 (0.02)	
Luxembourg	0.07 (0.01)		1.10 (0.01)		-0.29 (0.02)		18.7 (0.6)		-0.71 (0.03)		0.99 (0.02)		1.70 (0.02)	
Mexico	-1.11 (0.02)		1.27 (0.01)		0.21 (0.02)		55.9 (0.8)		-2.07 (0.02)		-0.19 (0.04)		1.88 (0.03)	
Netherlands	0.23 (0.02)		0.78 (0.01)		-0.50 (0.05)		5.9 (0.5)		-0.31 (0.02)		0.83 (0.03)		1.14 (0.02)	
New Zealand	0.04 (0.02)		0.82 (0.01)		-0.26 (0.04)		11.5 (0.6)		-0.56 (0.03)		0.68 (0.02)		1.24 (0.02)	
Norway	0.46 (0.02)		0.76 (0.01)		-0.55 (0.09)		2.6 (0.3)		-0.06 (0.03)		1.01 (0.02)		1.08 (0.03)	
Poland	-0.21 (0.03)		0.90 (0.01)		0.41 (0.04)		19.1 (1.0)		-0.92 (0.02)		0.54 (0.07)		1.46 (0.06)	
Portugal	-0.48 (0.05)		1.19 (0.02)		0.43 (0.05)		39.8 (1.6)		-1.42 (0.04)		0.34 (0.11)		1.76 (0.09)	
Slovak Republic	-0.18 (0.03)		0.92 (0.02)		0.06 (0.07)		15.0 (0.9)		-0.79 (0.02)		0.42 (0.04)		1.20 (0.04)	
Slovenia	0.07 (0.01)		0.87 (0.01)		0.08 (0.04)		11.2 (0.4)		-0.63 (0.02)		0.77 (0.02)		1.40 (0.02)	
Spain	-0.19 (0.03)		1.03 (0.01)		0.01 (0.03)		23.5 (0.8)		-0.96 (0.03)		0.65 (0.04)		1.61 (0.03)	
Sweden	0.28 (0.02)		0.82 (0.01)		-0.41 (0.05)		5.7 (0.3)		-0.33 (0.02)		0.93 (0.02)		1.26 (0.02)	
Switzerland	0.17 (0.02)		0.89 (0.01)		-0.21 (0.03)		10.4 (0.6)		-0.47 (0.03)		0.90 (0.03)		1.36 (0.02)	
Turkey	-1.46 (0.04)		1.10 (0.02)		0.43 (0.04)		68.7 (1.3)		-2.28 (0.03)		-0.71 (0.07)		1.57 (0.05)	
United Kingdom	0.27 (0.02)		0.80 (0.01)		-0.19 (0.03)		5.6 (0.3)		-0.33 (0.02)		0.90 (0.02)		1.22 (0.02)	
United States	0.17 (0.04)		0.97 (0.02)		-0.33 (0.04)		13.4 (1.0)		-0.52 (0.05)		0.91 (0.05)		1.43 (0.04)	
OECD average	0.00 (0.00)		0.90 (0.00)		-0.16 (0.07)		15.4 (0.1)		-0.66 (0.00)		0.70 (0.01)		1.36 (0.01)	
Partners														
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	-0.72 (0.04)		1.11 (0.02)		-0.06 (0.05)		41.2 (1.5)		-1.51 (0.04)		0.15 (0.06)		1.66 (0.06)	
Brazil	-1.17 (0.02)		1.17 (0.01)		0.15 (0.02)		57.5 (0.9)		-2.04 (0.03)		-0.33 (0.03)		1.71 (0.03)	
Bulgaria	-0.28 (0.04)		1.05 (0.03)		-0.38 (0.12)		24.3 (1.2)		-0.99 (0.03)		0.54 (0.05)		1.53 (0.04)	
Colombia	-1.26 (0.04)		1.18 (0.02)		-0.07 (0.04)		56.4 (1.4)		-2.15 (0.06)		-0.40 (0.06)		1.74 (0.05)	
Costa Rica	-0.98 (0.04)		1.24 (0.02)		-0.14 (0.04)		49.2 (1.5)		-1.90 (0.05)		0.02 (0.07)		1.92 (0.06)	
Croatia	-0.34 (0.02)		0.85 (0.01)		0.23 (0.03)		21.7 (0.7)		-0.94 (0.02)		0.26 (0.04)		1.20 (0.03)	
Cyprus*	0.09 (0.01)		0.91 (0.01)		-0.06 (0.03)		10.7 (0.5)		-0.60 (0.02)		0.82 (0.01)		1.42 (0.02)	
Hong Kong-China	-0.79 (0.05)		0.97 (0.02)		0.09 (0.05)		45.2 (2.0)		-1.53 (0.04)		-0.03 (0.08)		1.49 (0.06)	
Indonesia	-1.80 (0.05)		1.10 (0.03)		0.41 (0.06)		76.7 (1.9)		-2.64 (0.04)		-1.09 (0.09)		1.55 (0.07)	
Jordan	-0.42 (0.02)		1.02 (0.01)		-0.54 (0.05)		27.8 (0.9)		-1.10 (0.03)		0.36 (0.03)		1.45 (0.03)	
Kazakhstan	-0.32 (0.02)		0.75 (0.01)		-0.35 (0.05)		20.1 (0.9)		-0.89 (0.03)		0.28 (0.03)		1.17 (0.03)	
Latvia	-0.26 (0.03)		0.89 (0.01)		0.01 (0.04)		24.3 (1.3)		-0.98 (0.03)		0.49 (0.03)		1.47 (0.03)	
Liechtenstein	0.30 (0.05)		0.91 (0.03)		-0.25 (0.11)		9.4 (1.6)		-0.28 (0.05)		0.97 (0.06)		1.25 (0.06)	
Lithuania	-0.13 (0.02)		0.92 (0.01)		-0.18 (0.04)		21.5 (0.8)		-0.89 (0.03)		0.65 (0.02)		1.54 (0.03)	
Macao-China	-0.89 (0.01)		0.87 (0.01)		0.36 (0.03)		48.6 (0.6)		-1.49 (0.01)		-0.35 (0.01)		1.14 (0.02)	
Malaysia	-0.72 (0.03)		0.99 (0.02)		-0.17 (0.04)		40.5 (1.4)		-1.37 (0.03)		0.04 (0.04)		1.41 (0.03)	
Montenegro	-0.25 (0.01)		0.89 (0.01)		-0.13 (0.03)		21.4 (0.5)		-0.89 (0.02)		0.44 (0.02)		1.33 (0.02)	
Peru	-1.23 (0.05)		1.23 (0.02)		0.13 (0.04)		59.9 (1.7)		-2.11 (0.06)		-0.38 (0.09)		1.73 (0.07)	
Qatar	0.44 (0.01)		0.89 (0.01)		-0.75 (0.03)		7.0 (0.2)		-0.03 (0.01)		1.02 (0.01)		1.05 (0.01)	
Romania	-0.47 (0.04)		0.94 (0.03)		-0.27 (0.15)		25.9 (1.3)		-1.02 (0.02)		0.15 (0.07)		1.17 (0.06)	
Russian Federation	-0.11 (0.02)		0.76 (0.01)		-0.28 (0.04)		12.3 (0.7)		-0.65 (0.03)		0.51 (0.02)		1.16 (0.02)	
Serbia	-0.30 (0.02)		0.90 (0.01)		0.23 (0.03)		24.0 (1.0)		-0.98 (0.03)		0.39 (0.04)		1.37 (0.03)	
Shanghai-China	-0.36 (0.04)		0.96 (0.02)		-0.26 (0.04)		27.2 (1.4)		-1.08 (0.04)		0.43 (0.04)		1.51 (0.04)	
Singapore	-0.26 (0.01)		0.92 (0.01)		-0.27 (0.04)		21.3 (0.5)		-0.88 (0.02)		0.45 (0.02)		1.33 (0.03)	
Chinese Taipei	-0.40 (0.02)		0.84 (0.01)		-0.08 (0.04)		24.7 (1.0)		-1.00 (0.03)		0.22 (0.04)		1.21 (0.03)	
Thailand	-1.35 (0.04)		1.17 (0.02)		0.40 (0.04)		64.4 (1.5)		-2.26 (0.03)		-0.56 (0.07)		1.70 (0.05)	
Tunisia	-1.19 (0.05)		1.26 (0.02)		-0.10 (0.04)		54.4 (1.6)		-2.15 (0.06)		-0.26 (0.08)		1.89 (0.07)	
United Arab Emirates	0.32 (0.02)		0.85 (0.01)		-0.81 (0.04)		7.2 (0.4)		-0.14 (0.02)		0.90 (0.01)		1.03 (0.02)	
Uruguay	-0.88 (0.03)		1.13 (0.02)		0.32 (0.03)		50.4 (1.1)		-1.77 (0.02)		-0.06 (0.05)		1.71 (0.04)	
Viet Nam	-1.81 (0.05)		1.12 (0.03)		0.62 (0.04)		78.9 (1.6)		-2.57 (0.03)		-1.20 (0.08)		1.36 (0.07)	

1. Students with low ESCS are those with a value on the *PISA index of economic, social and cultural status* lower than -1.

2. Distribution of the school mean ESCS, percentiles calculated at the student level.

3. The *index of social inclusion* is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of socio-economic status, i.e. the between-school variation in the *PISA index of social, economic and cultural status* of students, divided by the sum of the between-school variation in students' socio-economic status and the within-school variation in students' socio-economic status.

* See notes at the beginning of this Annex.

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[Part 2/2]
Students' socio-economic status
Results based on students' self-reports

Table II.2.13a

	Variation in distribution of schools across ESCS ²						Index of social inclusion ³	
	25th percentile of school mean ESCS		75th percentile of school mean ESCS		Interquartile range of distribution of schools across ESCS			
	Index	S.E.	Index	S.E.	Range	S.E.	Index	S.E.
OECD								
Australia	-0.05	(0.02)	0.54	(0.01)	0.60	(0.02)	76.5	(1.1)
Austria	-0.23	(0.04)	0.36	(0.02)	0.60	(0.04)	71.2	(2.8)
Belgium	-0.24	(0.07)	0.51	(0.05)	0.75	(0.09)	72.4	(2.1)
Canada	0.15	(0.02)	0.70	(0.02)	0.54	(0.03)	82.8	(1.2)
Chile	-1.13	(0.07)	-0.08	(0.08)	1.06	(0.11)	47.2	(2.2)
Czech Republic	-0.34	(0.02)	0.17	(0.02)	0.50	(0.03)	76.4	(2.2)
Denmark	0.16	(0.04)	0.68	(0.04)	0.52	(0.05)	82.3	(1.6)
Estonia	-0.14	(0.02)	0.34	(0.04)	0.48	(0.04)	81.5	(2.0)
Finland	0.20	(0.03)	0.55	(0.01)	0.35	(0.03)	91.1	(1.0)
France	w	w	w	w	w	w	w	w
Germany	-0.18	(0.03)	0.60	(0.03)	0.78	(0.05)	73.6	(1.9)
Greece	-0.41	(0.11)	0.27	(0.06)	0.69	(0.11)	73.5	(2.6)
Hungary	-0.70	(0.07)	0.25	(0.08)	0.95	(0.10)	62.6	(2.6)
Iceland	0.54	(0.00)	1.04	(0.00)	0.49	(0.00)	86.4	(1.9)
Ireland	-0.09	(0.03)	0.39	(0.03)	0.48	(0.04)	79.7	(2.1)
Israel	-0.18	(0.04)	0.54	(0.04)	0.72	(0.05)	74.6	(2.0)
Italy	-0.43	(0.02)	0.32	(0.02)	0.75	(0.03)	75.9	(1.1)
Japan	-0.32	(0.02)	0.18	(0.03)	0.50	(0.03)	77.8	(1.7)
Korea	-0.24	(0.06)	0.23	(0.04)	0.46	(0.07)	78.3	(1.9)
Luxembourg	-0.46	(0.00)	0.57	(0.00)	1.03	(0.00)	73.6	(3.4)
Mexico	-1.64	(0.01)	-0.62	(0.04)	1.02	(0.03)	56.5	(1.5)
Netherlands	0.00	(0.03)	0.51	(0.04)	0.51	(0.05)	81.8	(1.8)
New Zealand	-0.21	(0.01)	0.27	(0.02)	0.48	(0.02)	77.5	(2.4)
Norway	0.30	(0.02)	0.60	(0.03)	0.30	(0.03)	91.0	(1.4)
Poland	-0.54	(0.05)	0.05	(0.06)	0.59	(0.07)	76.4	(2.2)
Portugal	-0.98	(0.05)	-0.19	(0.07)	0.79	(0.07)	68.6	(3.3)
Slovak Republic	-0.48	(0.05)	0.14	(0.04)	0.62	(0.06)	64.4	(3.0)
Slovenia	-0.29	(0.01)	0.52	(0.00)	0.81	(0.01)	74.6	(1.9)
Spain	-0.57	(0.04)	0.21	(0.05)	0.78	(0.06)	75.2	(1.4)
Sweden	0.04	(0.02)	0.53	(0.06)	0.49	(0.06)	86.9	(1.4)
Switzerland	-0.14	(0.03)	0.48	(0.04)	0.62	(0.04)	82.7	(1.5)
Turkey	-1.83	(0.03)	-1.13	(0.05)	0.70	(0.06)	72.3	(2.9)
United Kingdom	-0.02	(0.04)	0.53	(0.02)	0.54	(0.04)	79.4	(2.0)
United States	-0.15	(0.05)	0.54	(0.06)	0.69	(0.08)	73.8	(2.4)
OECD average	-0.33	(0.01)	0.32	(0.01)	0.64	(0.01)	75.6	(0.4)
Partners								
Albania	m	m	m	m	m	m	m	m
Argentina	-1.24	(0.04)	-0.23	(0.09)	1.02	(0.10)	66.5	(2.6)
Brazil	-1.66	(0.02)	-0.85	(0.04)	0.81	(0.04)	62.8	(2.3)
Bulgaria	-0.68	(0.05)	0.18	(0.11)	0.87	(0.12)	59.6	(3.0)
Colombia	-1.75	(0.08)	-0.83	(0.06)	0.92	(0.09)	63.2	(2.7)
Costa Rica	-1.47	(0.08)	-0.65	(0.07)	0.81	(0.10)	61.8	(3.1)
Croatia	-0.66	(0.03)	-0.12	(0.03)	0.54	(0.04)	75.9	(2.2)
Cyprus*	-0.25	(0.00)	0.42	(0.00)	0.67	(0.00)	76.6	(3.2)
Hong Kong-China	-1.20	(0.03)	-0.49	(0.15)	0.71	(0.14)	67.7	(3.2)
Indonesia	-2.27	(0.03)	-1.38	(0.12)	0.89	(0.11)	63.1	(4.3)
Jordan	-0.71	(0.03)	-0.17	(0.03)	0.54	(0.04)	79.6	(2.8)
Kazakhstan	-0.57	(0.02)	-0.04	(0.02)	0.53	(0.03)	76.8	(2.1)
Latvia	-0.58	(0.04)	0.05	(0.08)	0.64	(0.09)	74.7	(2.5)
Liechtenstein	0.07	(0.00)	0.64	(0.00)	0.56	(0.00)	85.5	(4.1)
Lithuania	-0.45	(0.02)	0.16	(0.03)	0.61	(0.03)	78.7	(1.9)
Macao-China	-1.21	(0.00)	-0.71	(0.00)	0.50	(0.00)	73.7	(4.7)
Malaysia	-1.08	(0.03)	-0.37	(0.07)	0.72	(0.08)	71.5	(2.4)
Montenegro	-0.53	(0.00)	-0.01	(0.00)	0.52	(0.00)	80.6	(5.2)
Peru	-1.84	(0.05)	-0.62	(0.11)	1.23	(0.10)	54.2	(2.6)
Qatar	0.21	(0.00)	0.71	(0.00)	0.50	(0.00)	75.5	(3.2)
Romania	-0.80	(0.05)	-0.12	(0.06)	0.68	(0.07)	64.4	(3.6)
Russian Federation	-0.39	(0.05)	0.15	(0.03)	0.53	(0.05)	75.0	(2.4)
Serbia	-0.62	(0.02)	-0.03	(0.06)	0.59	(0.06)	78.0	(2.3)
Shanghai-China	-0.73	(0.08)	0.07	(0.06)	0.81	(0.09)	66.8	(2.5)
Singapore	-0.59	(0.00)	-0.02	(0.03)	0.57	(0.03)	76.4	(2.5)
Chinese Taipei	-0.70	(0.02)	-0.10	(0.05)	0.60	(0.06)	76.7	(2.0)
Thailand	-1.87	(0.03)	-0.85	(0.04)	1.01	(0.04)	61.6	(2.9)
Tunisia	-1.71	(0.08)	-0.70	(0.13)	1.01	(0.14)	67.2	(3.0)
United Arab Emirates	0.00	(0.02)	0.68	(0.01)	0.68	(0.02)	73.9	(1.8)
Uruguay	-1.44	(0.04)	-0.61	(0.03)	0.82	(0.04)	60.2	(3.5)
Viet Nam	-2.25	(0.02)	-1.45	(0.12)	0.79	(0.12)	58.3	(3.4)

1. Students with low ESCS are those with a value on the *PISA index of economic, social and cultural status* lower than -1.

2. Distribution of the school mean ESCS, percentiles calculated at the student level.

3. The *index of social inclusion* is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of socio-economic status, i.e. the between-school variation in the *PISA index of social, economic and cultural status* of students, divided by the sum of the between-school variation in students' socio-economic status and the within-school variation in students' socio-economic status.

* See notes at the beginning of this Annex.

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[Part 1/3]
Change between 2003 and 2012 in the socio-economic status of students
Results based on students' self-reports

Table II.2.13b

	PISA 2003										
	ESCS ¹		Variability in the ESCS		Skewness of the distribution of the ESCS		Percentage of students with low ESCS ²		Index of social inclusion ³		
	Mean index	S.E.	S.D.	S.E.	Skewness	S.E.	%	S.E.	Index	S.E.	
OECD	Australia	0.04	(0.02)	0.88	(0.01)	-0.08	(0.02)	12.4	(0.5)	75.5	(1.7)
	Austria	-0.26	(0.03)	0.86	(0.01)	0.20	(0.05)	20.2	(1.1)	71.6	(1.9)
	Belgium	-0.03	(0.02)	1.01	(0.01)	-0.14	(0.03)	18.0	(0.7)	70.9	(1.9)
	Canada	0.21	(0.02)	0.93	(0.01)	-0.07	(0.02)	10.0	(0.4)	81.6	(1.2)
	Czech Republic	-0.05	(0.02)	0.87	(0.01)	0.14	(0.03)	15.1	(0.7)	74.3	(2.0)
	Denmark	0.08	(0.03)	0.98	(0.01)	-0.08	(0.03)	14.2	(0.8)	83.1	(2.3)
	Finland	0.06	(0.02)	0.97	(0.01)	-0.12	(0.03)	14.7	(0.6)	89.4	(1.5)
	France	-0.32	(0.03)	0.96	(0.01)	-0.02	(0.03)	24.8	(1.1)	w	w
	Germany	0.01	(0.03)	1.08	(0.01)	-0.03	(0.04)	15.9	(0.8)	69.2	(1.9)
	Greece	-0.30	(0.05)	1.04	(0.02)	0.21	(0.04)	26.0	(1.3)	71.5	(4.0)
	Hungary	-0.31	(0.02)	0.95	(0.01)	0.28	(0.04)	25.4	(1.0)	60.3	(2.5)
	Iceland	0.55	(0.02)	0.93	(0.01)	-0.33	(0.04)	5.5	(0.4)	85.4	(2.8)
	Ireland	-0.26	(0.03)	0.93	(0.01)	0.06	(0.04)	21.9	(1.0)	81.4	(2.4)
	Italy	-0.29	(0.03)	1.08	(0.01)	0.19	(0.03)	28.8	(0.9)	70.8	(1.9)
	Japan	-0.42	(0.02)	0.80	(0.01)	0.05	(0.05)	25.4	(1.1)	71.5	(2.2)
	Korea	-0.36	(0.03)	0.94	(0.02)	0.03	(0.04)	24.5	(0.9)	70.7	(2.4)
	Luxembourg	-0.09	(0.01)	1.07	(0.01)	-0.26	(0.02)	20.7	(0.6)	76.7	(4.3)
	Mexico	-1.32	(0.05)	1.19	(0.02)	0.38	(0.05)	62.7	(1.9)	61.7	(2.6)
	Netherlands	-0.08	(0.03)	0.97	(0.01)	-0.07	(0.04)	18.7	(0.9)	77.4	(2.1)
	New Zealand	-0.13	(0.02)	0.90	(0.01)	-0.35	(0.04)	16.3	(0.7)	84.5	(1.9)
Norway	0.19	(0.02)	0.79	(0.01)	-0.25	(0.04)	6.9	(0.4)	90.0	(1.7)	
Poland	-0.41	(0.02)	0.92	(0.01)	0.46	(0.03)	28.8	(1.1)	79.7	(1.9)	
Portugal	-0.91	(0.05)	1.34	(0.02)	0.46	(0.03)	53.0	(1.5)	76.6	(2.8)	
Slovak Republic	-0.25	(0.03)	0.94	(0.02)	0.21	(0.04)	21.8	(1.2)	69.8	(2.3)	
Spain	-0.51	(0.04)	1.15	(0.01)	0.18	(0.04)	36.0	(1.5)	73.2	(1.9)	
Sweden	0.08	(0.03)	0.98	(0.01)	-0.25	(0.04)	14.5	(0.8)	89.4	(1.4)	
Switzerland	-0.23	(0.03)	1.02	(0.01)	0.06	(0.03)	22.9	(1.0)	76.1	(2.4)	
Turkey	-1.15	(0.06)	1.05	(0.03)	0.63	(0.05)	61.3	(2.4)	59.4	(4.6)	
United States	0.05	(0.03)	0.98	(0.02)	-0.20	(0.04)	14.4	(0.8)	77.0	(2.4)	
OECD average 2003	-0.22	(0.01)	0.98	(0.00)	0.04	(0.01)	23.5	(0.2)	75.5	(0.5)	
Partners	Brazil	-1.56	(0.05)	1.23	(0.02)	0.22	(0.04)	67.3	(1.5)	61.1	(3.3)
	Hong Kong-China	-1.27	(0.04)	0.95	(0.02)	0.49	(0.04)	65.6	(1.6)	76.6	(2.7)
	Indonesia	-1.86	(0.04)	1.00	(0.01)	0.30	(0.04)	79.4	(1.3)	69.4	(2.3)
	Latvia	-0.34	(0.03)	0.87	(0.01)	0.12	(0.04)	24.5	(1.2)	82.2	(2.0)
	Liechtenstein	-0.31	(0.04)	1.00	(0.04)	0.02	(0.11)	27.6	(2.2)	71.9	(6.6)
	Macao-China	-1.60	(0.03)	0.93	(0.02)	0.41	(0.09)	75.1	(1.4)	76.9	(5.0)
	Russian Federation	-0.61	(0.03)	0.96	(0.01)	0.17	(0.04)	38.4	(1.3)	79.3	(2.0)
	Thailand	-1.86	(0.04)	1.21	(0.02)	0.72	(0.04)	78.0	(1.0)	58.0	(2.8)
	Tunisia	-1.69	(0.04)	1.22	(0.03)	0.46	(0.04)	72.2	(1.4)	66.9	(3.1)
	Uruguay	-0.76	(0.04)	1.15	(0.01)	0.06	(0.03)	43.0	(1.2)	68.2	(2.5)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).


Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the *PISA index of economic, social and cultural status* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).

1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. Students with low ESCS are those with a value on the *PISA index of economic, social and cultural status* lower than -1.

3. The *index of social inclusion* is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of socio-economic status, i.e. the between-school variance in the *PISA index of social, economic and cultural status* of students, divided by the sum of the between-school variance in students' socio-economic status and the within-school variance in students' socio-economic status.

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[Part 2/3]

Change between 2003 and 2012 in the socio-economic status of studentsTable II.2.13b *Results based on students' self-reports*

	PISA 2012										
	ESCS ¹		Variability in the ESCS		Skewness of the distribution of the ESCS		Percentage of students with low ESCS ²		Index of social inclusion ³		
	Mean index	S.E.	S.D.	S.E.	Skewness	S.E.	%	S.E.	Index	S.E.	
OECD	Australia	0.25	(0.01)	0.79	(0.01)	-0.46	(0.03)	6.8	(0.3)	76.5	(1.1)
	Austria	0.08	(0.02)	0.85	(0.01)	0.02	(0.05)	8.3	(0.6)	71.2	(2.8)
	Belgium	0.15	(0.02)	0.91	(0.02)	-0.33	(0.09)	10.5	(0.6)	72.4	(2.1)
	Canada	0.41	(0.02)	0.86	(0.01)	-0.39	(0.05)	5.6	(0.4)	82.8	(1.2)
	Czech Republic	-0.07	(0.02)	0.75	(0.01)	0.14	(0.06)	9.1	(0.6)	76.4	(2.2)
	Denmark	0.43	(0.02)	0.84	(0.01)	-0.35	(0.04)	4.3	(0.4)	82.3	(1.6)
	Finland	0.36	(0.02)	0.77	(0.01)	-0.44	(0.04)	4.0	(0.3)	91.1	(1.0)
	France	-0.04	(0.02)	0.80	(0.01)	-0.33	(0.03)	11.8	(0.6)	w	w
	Germany	0.19	(0.02)	0.93	(0.01)	-0.08	(0.04)	9.8	(0.6)	73.6	(1.9)
	Greece	-0.06	(0.03)	1.00	(0.01)	-0.09	(0.04)	18.6	(1.0)	73.5	(2.6)
	Hungary	-0.25	(0.03)	0.96	(0.02)	-0.06	(0.07)	23.7	(1.0)	62.6	(2.6)
	Iceland	0.78	(0.01)	0.81	(0.01)	-0.48	(0.04)	1.9	(0.2)	86.4	(1.9)
	Ireland	0.13	(0.02)	0.85	(0.01)	-0.15	(0.03)	9.2	(0.6)	79.7	(2.1)
	Italy	-0.05	(0.01)	0.97	(0.01)	0.08	(0.02)	18.4	(0.4)	75.9	(1.1)
	Japan	-0.07	(0.02)	0.71	(0.01)	-0.02	(0.03)	10.0	(0.6)	77.8	(1.7)
	Korea	0.01	(0.03)	0.74	(0.01)	-0.28	(0.04)	9.5	(0.6)	78.3	(1.9)
	Luxembourg	0.07	(0.01)	1.10	(0.01)	-0.29	(0.02)	18.7	(0.6)	73.6	(3.4)
	Mexico	-1.11	(0.02)	1.27	(0.01)	0.21	(0.02)	55.9	(0.8)	56.5	(1.5)
	Netherlands	0.23	(0.02)	0.78	(0.01)	-0.50	(0.05)	5.9	(0.5)	81.8	(1.8)
	New Zealand	0.04	(0.02)	0.82	(0.01)	-0.26	(0.04)	11.5	(0.6)	77.5	(2.4)
	Norway	0.46	(0.02)	0.76	(0.01)	-0.55	(0.09)	2.6	(0.3)	91.0	(1.4)
	Poland	-0.21	(0.03)	0.90	(0.01)	0.41	(0.04)	19.1	(1.0)	76.4	(2.2)
	Portugal	-0.48	(0.05)	1.19	(0.02)	0.43	(0.05)	39.8	(1.6)	68.6	(3.3)
	Slovak Republic	-0.18	(0.03)	0.92	(0.02)	0.06	(0.07)	15.0	(0.9)	64.4	(3.0)
	Spain	-0.19	(0.03)	1.03	(0.01)	0.01	(0.03)	23.5	(0.8)	75.2	(1.4)
	Sweden	0.28	(0.02)	0.82	(0.01)	-0.41	(0.05)	5.7	(0.3)	86.9	(1.4)
Switzerland	0.17	(0.02)	0.89	(0.01)	-0.21	(0.03)	10.4	(0.6)	82.7	(1.5)	
Turkey	-1.46	(0.04)	1.10	(0.02)	0.43	(0.04)	68.7	(1.3)	72.3	(2.9)	
United States	0.17	(0.04)	0.97	(0.02)	-0.33	(0.04)	13.4	(1.0)	73.8	(2.4)	
OECD average 2003	0.00	(0.00)	0.90	(0.00)	-0.15	(0.01)	15.6	(0.1)	76.3	(0.4)	
Partners	Brazil	-1.17	(0.02)	1.17	(0.01)	0.15	(0.02)	57.5	(0.9)	62.8	(2.3)
	Hong Kong-China	-0.79	(0.05)	0.97	(0.02)	0.09	(0.05)	45.2	(2.0)	67.7	(3.2)
	Indonesia	-1.80	(0.05)	1.10	(0.03)	0.41	(0.06)	76.7	(1.9)	63.1	(4.3)
	Latvia	-0.26	(0.03)	0.89	(0.01)	0.01	(0.04)	24.3	(1.3)	74.7	(2.5)
	Liechtenstein	0.30	(0.05)	0.91	(0.03)	-0.25	(0.11)	9.4	(1.6)	85.5	(4.1)
	Macao-China	-0.89	(0.01)	0.87	(0.01)	0.36	(0.03)	48.6	(0.6)	73.7	(4.7)
	Russian Federation	-0.11	(0.02)	0.76	(0.01)	-0.28	(0.04)	12.3	(0.7)	75.0	(2.4)
	Thailand	-1.35	(0.04)	1.17	(0.02)	0.40	(0.04)	64.4	(1.5)	61.6	(2.9)
	Tunisia	-1.19	(0.05)	1.26	(0.02)	-0.10	(0.04)	54.4	(1.6)	67.2	(3.0)
	Uruguay	-0.88	(0.03)	1.13	(0.02)	0.32	(0.03)	50.4	(1.1)	60.2	(3.5)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the *PISA index of economic, social and cultural status* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).1. ESCS refers to the *PISA index of economic, social and cultural status*.2. Students with low ESCS are those with a value on the *PISA index of economic, social and cultural status* lower than -1.3. The *index of social inclusion* is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of socio-economic status, i.e. the between-school variance in the *PISA index of social, economic and cultural status* of students, divided by the sum of the between-school variance in students' socio-economic status and the within-school variance in students' socio-economic status.StatLink  <http://dx.doi.org/10.1787/888932964908>

[Part 3/3]
Change between 2003 and 2012 in the socio-economic status of students
Results based on students' self-reports

Table II.2.13b

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)									
		ESCS ¹		Variability in the ESCS		Skewness of the distribution of the ESCS		Percentage of students with low ESCS ²		Index of social inclusion ³	
		Dif.	S.E.	S.D. dif.	S.E.	Dif.	S.E.	% dif.	S.E.	Dif.	S.E.
OECD	Australia	0.21	(0.02)	-0.09	(0.01)	-0.38	(0.04)	-5.6	(0.6)	1.0	(2.0)
	Austria	0.34	(0.04)	-0.01	(0.02)	-0.17	(0.07)	-12.0	(1.2)	-0.3	(3.4)
	Belgium	0.17	(0.03)	-0.10	(0.02)	-0.22	(0.10)	-7.5	(0.9)	1.4	(2.9)
	Canada	0.20	(0.02)	-0.07	(0.01)	-0.33	(0.06)	-4.3	(0.5)	1.2	(1.8)
	Czech Republic	-0.01	(0.03)	-0.12	(0.01)	0.00	(0.07)	-6.0	(0.9)	2.0	(3.0)
	Denmark	0.35	(0.04)	-0.14	(0.02)	-0.27	(0.05)	-9.9	(0.9)	-0.8	(2.8)
	Finland	0.31	(0.03)	-0.20	(0.01)	-0.33	(0.05)	-10.7	(0.6)	1.7	(1.8)
	France	0.28	(0.03)	-0.15	(0.02)	-0.30	(0.04)	-13.0	(1.2)	w	w
	Germany	0.19	(0.04)	-0.15	(0.02)	-0.05	(0.05)	-6.1	(1.0)	4.4	(2.7)
	Greece	0.24	(0.06)	-0.04	(0.03)	-0.31	(0.06)	-7.5	(1.7)	2.0	(4.7)
	Hungary	0.06	(0.04)	0.01	(0.02)	-0.34	(0.08)	-1.7	(1.4)	2.2	(3.6)
	Iceland	0.23	(0.02)	-0.12	(0.01)	-0.15	(0.05)	-3.6	(0.5)	1.0	(3.4)
	Ireland	0.39	(0.04)	-0.08	(0.02)	-0.21	(0.05)	-12.7	(1.2)	-1.7	(3.2)
	Italy	0.23	(0.03)	-0.11	(0.01)	-0.11	(0.03)	-10.4	(1.0)	5.1	(2.3)
	Japan	0.35	(0.03)	-0.09	(0.01)	-0.08	(0.05)	-15.5	(1.2)	6.3	(2.8)
	Korea	0.38	(0.04)	-0.20	(0.02)	-0.31	(0.05)	-14.9	(1.1)	7.6	(3.1)
	Luxembourg	0.16	(0.02)	0.03	(0.01)	-0.03	(0.03)	-2.0	(0.8)	-3.1	(5.5)
	Mexico	0.21	(0.06)	0.08	(0.02)	-0.17	(0.05)	-6.8	(2.1)	-5.2	(3.0)
	Netherlands	0.32	(0.03)	-0.18	(0.02)	-0.44	(0.06)	-12.8	(1.0)	4.5	(2.8)
	New Zealand	0.17	(0.03)	-0.09	(0.01)	0.09	(0.05)	-4.8	(0.9)	-6.9	(3.1)
	Norway	0.28	(0.03)	-0.03	(0.01)	-0.30	(0.10)	-4.3	(0.5)	1.0	(2.2)
Poland	0.20	(0.04)	-0.01	(0.02)	-0.05	(0.05)	-9.7	(1.4)	-3.2	(2.9)	
Portugal	0.42	(0.07)	-0.16	(0.03)	-0.03	(0.06)	-13.2	(2.2)	-8.0	(4.3)	
Slovak Republic	0.06	(0.04)	-0.02	(0.02)	-0.15	(0.08)	-6.8	(1.5)	-5.4	(3.8)	
Spain	0.32	(0.05)	-0.12	(0.02)	-0.17	(0.05)	-12.5	(1.7)	2.0	(2.4)	
Sweden	0.19	(0.03)	-0.16	(0.02)	-0.17	(0.06)	-8.8	(0.9)	-2.5	(2.0)	
Switzerland	0.40	(0.04)	-0.13	(0.02)	-0.27	(0.05)	-12.6	(1.2)	6.6	(2.8)	
Turkey	-0.31	(0.07)	0.05	(0.04)	-0.20	(0.07)	7.4	(2.8)	13.0	(5.4)	
United States	0.12	(0.05)	-0.01	(0.02)	-0.13	(0.06)	-1.0	(1.3)	-3.2	(3.4)	
OECD average 2003	0.22	(0.01)	-0.08	(0.00)	-0.19	(0.01)	-7.9	(0.2)	0.8	(0.6)	
Partners	Brazil	0.39	(0.05)	-0.07	(0.03)	-0.07	(0.05)	-9.8	(1.7)	1.7	(4.0)
	Hong Kong-China	0.48	(0.06)	0.02	(0.03)	-0.40	(0.06)	-20.4	(2.6)	-8.9	(4.2)
	Indonesia	0.06	(0.06)	0.09	(0.04)	0.11	(0.07)	-2.7	(2.3)	-6.2	(4.9)
	Latvia	0.09	(0.04)	0.02	(0.02)	-0.11	(0.06)	-0.3	(1.7)	-7.5	(3.2)
	Liechtenstein	0.61	(0.07)	-0.09	(0.05)	-0.26	(0.15)	-18.2	(2.8)	13.6	(7.8)
	Macao-China	0.71	(0.03)	-0.06	(0.02)	-0.05	(0.09)	-26.5	(1.5)	-3.2	(6.9)
	Russian Federation	0.50	(0.04)	-0.20	(0.02)	-0.45	(0.05)	-26.1	(1.5)	-4.3	(3.1)
	Thailand	0.52	(0.06)	-0.04	(0.03)	-0.32	(0.05)	-13.6	(1.8)	3.6	(4.0)
	Tunisia	0.50	(0.06)	0.05	(0.03)	-0.56	(0.05)	-17.9	(2.1)	0.4	(4.3)
	Uruguay	-0.12	(0.05)	-0.02	(0.02)	0.27	(0.04)	7.4	(1.6)	-8.0	(4.3)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).


Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the *PISA index of economic, social and cultural status* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).

1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. Students with low ESCS are those with a value on the *PISA index of economic, social and cultural status* lower than -1.

3. The *index of social inclusion* is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of socio-economic status, i.e. the between-school variance in the *PISA index of social, economic and cultural status* of students, divided by the sum of the between-school variance in students' socio-economic status and the within-school variance in students' socio-economic status.

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[Part 1/2]
Mathematics performance and type of family
 Results based on students' self-reports

Table II.3.1

	Percentage of students				PISA index of economic, social and cultural status (ESCS)				Mathematics performance			
	Students from single-parent families		Students from other types of families		Students from single-parent families		Students from other types of families		Students from single-parent families		Students from other types of families	
	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.
OECD												
Australia	13.5	(0.4)	86.5	(0.4)	-0.07	(0.02)	0.33	(0.01)	495	(2.6)	513	(1.8)
Austria	13.5	(0.7)	86.5	(0.7)	-0.05	(0.04)	0.11	(0.02)	503	(4.9)	510	(2.7)
Belgium	13.6	(0.5)	86.4	(0.5)	-0.12	(0.05)	0.21	(0.02)	493	(4.9)	525	(2.2)
Canada	12.7	(0.3)	87.3	(0.3)	0.11	(0.03)	0.48	(0.02)	511	(3.2)	525	(1.9)
Chile	22.6	(0.7)	77.4	(0.7)	-0.60	(0.04)	-0.52	(0.04)	426	(3.6)	430	(3.1)
Czech Republic	17.6	(0.5)	82.4	(0.5)	-0.30	(0.02)	0.00	(0.02)	486	(4.3)	506	(2.9)
Denmark	15.1	(0.6)	84.9	(0.6)	0.12	(0.04)	0.50	(0.02)	485	(4.0)	508	(2.1)
Estonia	19.2	(0.7)	80.8	(0.7)	-0.15	(0.03)	0.19	(0.01)	525	(3.4)	524	(2.3)
Finland	15.9	(0.6)	84.1	(0.6)	0.02	(0.03)	0.45	(0.01)	507	(3.3)	528	(1.8)
France	15.1	(0.6)	84.9	(0.6)	-0.26	(0.03)	0.03	(0.02)	484	(4.4)	505	(2.7)
Germany	13.3	(0.6)	86.7	(0.6)	0.03	(0.05)	0.24	(0.02)	520	(4.9)	524	(3.1)
Greece	8.7	(0.5)	91.3	(0.5)	-0.09	(0.06)	-0.04	(0.03)	444	(6.8)	458	(2.5)
Hungary	20.6	(0.8)	79.4	(0.8)	-0.40	(0.04)	-0.18	(0.03)	474	(4.8)	485	(3.1)
Iceland	10.7	(0.5)	89.3	(0.5)	0.52	(0.04)	0.83	(0.01)	481	(5.9)	500	(1.9)
Ireland	10.9	(0.6)	89.1	(0.6)	-0.20	(0.04)	0.21	(0.02)	486	(3.9)	510	(2.1)
Israel	m	m	m	m	m	m	m	m	m	m	m	m
Italy	9.5	(0.3)	90.5	(0.3)	-0.14	(0.03)	-0.03	(0.02)	482	(3.0)	488	(2.1)
Japan	12.1	(0.6)	87.9	(0.6)	-0.47	(0.03)	-0.01	(0.01)	516	(5.8)	544	(3.5)
Korea	8.8	(0.5)	91.2	(0.5)	-0.39	(0.05)	0.08	(0.03)	549	(6.8)	560	(4.7)
Luxembourg	12.2	(0.5)	87.8	(0.5)	-0.08	(0.04)	0.11	(0.02)	485	(3.8)	494	(1.4)
Mexico	15.2	(0.4)	84.8	(0.4)	-1.02	(0.03)	-1.06	(0.03)	423	(2.2)	422	(1.3)
Netherlands	11.2	(0.5)	88.8	(0.5)	0.02	(0.05)	0.27	(0.02)	501	(6.3)	530	(3.4)
New Zealand	19.6	(0.8)	80.4	(0.8)	-0.23	(0.03)	0.11	(0.02)	489	(3.8)	507	(2.5)
Norway	10.7	(0.6)	89.3	(0.6)	0.13	(0.04)	0.52	(0.02)	481	(5.5)	495	(2.7)
Poland	16.4	(0.7)	83.6	(0.7)	-0.39	(0.04)	-0.16	(0.03)	500	(5.5)	524	(3.4)
Portugal	12.3	(0.5)	87.7	(0.5)	-0.62	(0.08)	-0.44	(0.05)	489	(5.7)	494	(3.6)
Slovak Republic	14.9	(0.7)	85.1	(0.7)	-0.28	(0.04)	-0.13	(0.03)	481	(5.3)	492	(3.5)
Slovenia	10.8	(0.5)	89.2	(0.5)	-0.05	(0.05)	0.10	(0.01)	495	(4.9)	507	(1.3)
Spain	10.2	(0.3)	89.8	(0.3)	-0.43	(0.04)	-0.15	(0.02)	479	(3.0)	489	(1.8)
Sweden	9.4	(0.5)	90.6	(0.5)	-0.09	(0.04)	0.33	(0.02)	468	(5.4)	487	(2.1)
Switzerland	13.6	(0.4)	86.4	(0.4)	0.11	(0.03)	0.19	(0.02)	527	(3.9)	536	(3.3)
Turkey	4.2	(0.3)	95.8	(0.3)	-1.33	(0.10)	-1.42	(0.04)	456	(8.3)	457	(4.9)
United Kingdom	16.6	(0.6)	83.4	(0.6)	-0.01	(0.03)	0.37	(0.02)	481	(4.4)	507	(3.0)
United States	20.3	(0.9)	79.7	(0.9)	-0.19	(0.04)	0.30	(0.04)	468	(5.0)	492	(3.7)
OECD average	13.7	(0.1)	86.3	(0.1)	-0.21	(0.01)	0.06	(0.00)	488	(0.8)	502	(0.5)
Partners												
Albania	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	19.5	(0.7)	80.5	(0.7)	-0.80	(0.07)	-0.64	(0.04)	395	(4.1)	399	(3.7)
Brazil	20.6	(0.5)	79.4	(0.5)	-1.20	(0.03)	-1.10	(0.03)	396	(2.7)	401	(2.3)
Bulgaria	12.7	(0.6)	87.3	(0.6)	-0.39	(0.05)	-0.20	(0.04)	442	(5.4)	450	(3.8)
Colombia	23.9	(0.8)	76.1	(0.8)	-1.19	(0.05)	-1.17	(0.05)	387	(3.4)	389	(3.3)
Costa Rica	22.6	(0.7)	77.4	(0.7)	-1.08	(0.05)	-0.89	(0.05)	408	(3.5)	414	(3.1)
Croatia	8.1	(0.5)	91.9	(0.5)	-0.40	(0.04)	-0.33	(0.02)	478	(5.3)	473	(3.7)
Cyprus*	8.9	(0.4)	91.1	(0.4)	-0.26	(0.04)	0.14	(0.01)	425	(4.7)	448	(1.3)
Hong Kong-China	13.3	(0.5)	86.7	(0.5)	-1.01	(0.06)	-0.75	(0.05)	555	(4.3)	566	(3.4)
Indonesia	7.4	(0.5)	92.6	(0.5)	-1.91	(0.09)	-1.75	(0.06)	383	(5.8)	385	(4.3)
Jordan	9.7	(0.6)	90.3	(0.6)	-0.58	(0.07)	-0.37	(0.02)	367	(5.6)	400	(3.1)
Kazakhstan	14.1	(0.6)	85.9	(0.6)	-0.47	(0.04)	-0.29	(0.02)	435	(4.3)	433	(3.1)
Latvia	20.1	(0.8)	79.9	(0.8)	-0.41	(0.06)	-0.17	(0.03)	498	(4.0)	496	(2.9)
Liechtenstein	15.0	(2.2)	85.0	(2.2)	0.18	(0.14)	0.31	(0.06)	518	(13.8)	541	(5.0)
Lithuania	15.7	(0.6)	84.3	(0.6)	-0.35	(0.04)	-0.05	(0.02)	474	(4.1)	485	(2.7)
Macao-China	13.6	(0.5)	86.4	(0.5)	-1.03	(0.03)	-0.86	(0.01)	533	(3.6)	543	(1.1)
Malaysia	12.3	(0.6)	87.7	(0.6)	-0.85	(0.06)	-0.67	(0.04)	411	(3.9)	429	(3.3)
Montenegro	6.4	(0.4)	93.6	(0.4)	-0.26	(0.05)	-0.23	(0.01)	423	(6.1)	415	(1.3)
Peru	17.0	(0.5)	83.0	(0.5)	-1.15	(0.07)	-1.21	(0.05)	382	(4.4)	372	(3.9)
Qatar	10.9	(0.3)	89.1	(0.3)	0.23	(0.03)	0.51	(0.01)	340	(3.0)	400	(1.1)
Romania	13.8	(0.7)	86.2	(0.7)	-0.54	(0.05)	-0.42	(0.04)	443	(4.5)	451	(4.0)
Russian Federation	22.3	(0.7)	77.7	(0.7)	-0.26	(0.04)	-0.04	(0.03)	488	(3.8)	488	(3.2)
Serbia	8.8	(0.4)	91.2	(0.4)	-0.41	(0.05)	-0.25	(0.02)	448	(5.3)	456	(3.3)
Shanghai-China	9.4	(0.4)	90.6	(0.4)	-0.42	(0.05)	-0.35	(0.04)	615	(4.8)	615	(3.1)
Singapore	9.2	(0.4)	90.8	(0.4)	-0.45	(0.04)	-0.22	(0.02)	564	(5.5)	579	(1.5)
Chinese Taipei	12.9	(0.4)	87.1	(0.4)	-0.72	(0.04)	-0.34	(0.03)	531	(5.4)	568	(3.4)
Thailand	14.7	(0.6)	85.3	(0.6)	-1.35	(0.06)	-1.28	(0.05)	429	(4.7)	435	(3.6)
Tunisia	6.2	(0.5)	93.8	(0.5)	-1.27	(0.09)	-1.13	(0.05)	379	(6.9)	396	(4.3)
United Arab Emirates	9.8	(0.4)	90.2	(0.4)	0.07	(0.04)	0.40	(0.02)	411	(4.4)	446	(2.5)
Uruguay	18.4	(0.6)	81.6	(0.6)	-1.01	(0.05)	-0.79	(0.03)	417	(4.1)	421	(2.6)
Viet Nam	7.8	(0.4)	92.2	(0.4)	-1.92	(0.06)	-1.78	(0.05)	525	(6.2)	514	(4.8)

Note: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 2/2]
Mathematics performance and type of family
Results based on students' self-reports

Table II.3.1

	Difference in mathematics performance between students from single-parent families and those from other types of families, before accounting for ESCS		Difference in mathematics performance between students from single-parent families and those from other types of families, after accounting for ESCS		Increased likelihood of students from single-parent families scoring in the bottom quarter of the mathematics performance distribution		Population relevance of students from single-parent families scoring in the bottom quarter of the mathematics performance distribution		Effect size for students from single-parent families and other types of families in mathematics performance	
	Score dif.	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.	Effect size	S.E.
OECD										
Australia	-18	(2.5)	-1	(2.5)	1.27	(0.06)	3.5	(0.7)	-0.2	(0.0)
Austria	-7	(4.9)	-1	(4.8)	1.09	(0.10)	1.2	(1.3)	-0.1	(0.1)
Belgium	-33	(4.8)	-17	(4.2)	1.43	(0.10)	5.5	(1.2)	-0.3	(0.0)
Canada	-14	(3.1)	-3	(3.0)	1.24	(0.07)	3.0	(0.9)	-0.2	(0.0)
Chile	-4	(3.5)	-1	(3.3)	1.06	(0.09)	1.3	(2.0)	0.0	(0.0)
Czech Republic	-20	(4.2)	-5	(4.5)	1.24	(0.09)	4.0	(1.5)	-0.2	(0.0)
Denmark	-22	(3.8)	-8	(3.5)	1.49	(0.12)	6.9	(1.6)	-0.3	(0.0)
Estonia	0	(3.8)	10	(3.7)	0.95	(0.08)	-1.0	(1.5)	0.0	(0.0)
Finland	-21	(3.2)	-7	(3.0)	1.41	(0.09)	6.1	(1.3)	-0.2	(0.0)
France	-21	(4.7)	-4	(4.2)	1.25	(0.12)	3.6	(1.7)	-0.2	(0.0)
Germany	-4	(4.7)	5	(3.9)	1.07	(0.09)	1.0	(1.2)	0.0	(0.0)
Greece	-14	(6.5)	-12	(6.0)	1.33	(0.13)	2.8	(1.1)	-0.2	(0.1)
Hungary	-10	(4.0)	-1	(3.8)	1.16	(0.09)	3.1	(1.7)	-0.1	(0.0)
Iceland	-19	(6.3)	-10	(6.1)	1.41	(0.14)	4.2	(1.4)	-0.2	(0.1)
Ireland	-24	(3.7)	-10	(3.4)	1.42	(0.12)	4.4	(1.2)	-0.3	(0.0)
Israel	m	m	m	m	m	m	m	m	m	m
Italy	-6	(2.7)	-3	(2.7)	1.10	(0.06)	0.9	(0.6)	-0.1	(0.0)
Japan	-28	(5.1)	-10	(4.0)	1.47	(0.12)	5.3	(1.3)	-0.3	(0.1)
Korea	-11	(5.3)	9	(5.5)	1.11	(0.09)	1.0	(0.8)	-0.1	(0.1)
Luxembourg	-9	(4.4)	-2	(3.8)	1.06	(0.09)	0.7	(1.1)	-0.1	(0.0)
Mexico	1	(2.1)	0	(2.0)	0.99	(0.06)	-0.2	(0.9)	0.0	(0.0)
Netherlands	-29	(5.4)	-19	(5.3)	1.45	(0.13)	4.8	(1.3)	-0.3	(0.1)
New Zealand	-19	(4.0)	-1	(4.0)	1.32	(0.10)	5.9	(1.7)	-0.2	(0.0)
Norway	-14	(5.4)	-2	(5.1)	1.21	(0.11)	2.2	(1.2)	-0.2	(0.1)
Poland	-24	(4.0)	-15	(4.0)	1.49	(0.10)	7.4	(1.4)	-0.3	(0.0)
Portugal	-5	(4.8)	1	(4.4)	1.04	(0.09)	0.4	(1.1)	-0.1	(0.1)
Slovak Republic	-10	(5.3)	-2	(5.0)	1.12	(0.09)	1.7	(1.3)	-0.1	(0.1)
Slovenia	-12	(5.1)	-6	(4.7)	1.18	(0.12)	1.9	(1.2)	-0.1	(0.1)
Spain	-10	(2.6)	-1	(2.3)	1.15	(0.07)	1.5	(0.7)	-0.1	(0.0)
Sweden	-19	(5.3)	-4	(5.5)	1.34	(0.13)	3.1	(1.1)	-0.2	(0.1)
Switzerland	-9	(3.7)	-6	(3.6)	1.10	(0.09)	1.3	(1.2)	-0.1	(0.0)
Turkey	-1	(6.9)	-4	(6.5)	1.05	(0.16)	0.2	(0.7)	0.0	(0.1)
United Kingdom	-26	(4.3)	-11	(3.8)	1.33	(0.09)	5.1	(1.4)	-0.3	(0.0)
United States	-24	(4.3)	-7	(3.5)	1.38	(0.10)	7.2	(1.7)	-0.3	(0.0)
OECD average	-15	(0.8)	-4	(0.7)	1.23	(0.02)	3.0	(0.2)	-0.2	(0.0)
Partners										
Albania	m	m	m	m	m	m	m	m	m	m
Argentina	-4	(3.6)	0	(3.5)	1.06	(0.10)	1.1	(1.8)	-0.1	(0.0)
Brazil	-5	(2.6)	-3	(2.6)	1.08	(0.07)	1.6	(1.3)	-0.1	(0.0)
Bulgaria	-8	(4.3)	0	(4.0)	1.09	(0.09)	1.2	(1.1)	-0.1	(0.0)
Colombia	-2	(3.3)	-1	(3.2)	0.98	(0.09)	-0.5	(2.1)	0.0	(0.0)
Costa Rica	-5	(3.1)	-1	(2.8)	1.09	(0.09)	2.0	(1.8)	-0.1	(0.0)
Croatia	5	(5.5)	8	(5.1)	0.94	(0.11)	-0.5	(0.9)	0.1	(0.1)
Cyprus*	-23	(5.2)	-8	(5.0)	1.33	(0.11)	2.9	(1.0)	-0.2	(0.1)
Hong Kong-China	-11	(4.4)	-4	(4.3)	1.20	(0.09)	2.6	(1.2)	-0.1	(0.0)
Indonesia	-2	(4.0)	2	(4.1)	1.06	(0.11)	0.4	(0.8)	0.0	(0.1)
Jordan	-33	(4.6)	-28	(4.9)	1.79	(0.13)	7.1	(1.1)	-0.4	(0.1)
Kazakhstan	2	(3.6)	7	(3.5)	0.92	(0.08)	-1.1	(1.1)	0.0	(0.1)
Latvia	2	(3.9)	10	(3.7)	0.98	(0.10)	-0.5	(2.0)	0.0	(0.0)
Liechtenstein	-24	(15.5)	-20	(15.8)	1.21	(0.34)	3.0	(5.1)	-0.3	(0.2)
Lithuania	-11	(4.2)	-1	(3.9)	1.27	(0.10)	4.0	(1.5)	-0.1	(0.0)
Macao-China	-10	(4.0)	-7	(4.0)	1.19	(0.09)	2.5	(1.2)	-0.1	(0.0)
Malaysia	-17	(3.5)	-12	(3.4)	1.32	(0.10)	3.8	(1.1)	-0.2	(0.0)
Montenegro	8	(6.2)	9	(6.0)	0.90	(0.13)	-0.7	(0.8)	0.1	(0.1)
Peru	10	(3.0)	8	(2.7)	0.83	(0.08)	-3.0	(1.4)	0.1	(0.0)
Qatar	-59	(3.2)	-52	(3.1)	2.09	(0.09)	10.6	(0.8)	-0.6	(0.0)
Romania	-8	(3.7)	-4	(3.4)	1.10	(0.08)	1.3	(1.1)	-0.1	(0.0)
Russian Federation	0	(3.6)	8	(2.8)	1.00	(0.06)	-0.1	(1.4)	0.0	(0.0)
Serbia	-8	(4.5)	-3	(4.3)	1.09	(0.10)	0.8	(0.8)	-0.1	(0.1)
Shanghai-China	1	(4.2)	3	(3.7)	0.89	(0.09)	-1.1	(0.9)	0.0	(0.0)
Singapore	-15	(5.9)	-5	(5.5)	1.24	(0.11)	2.2	(0.9)	-0.1	(0.1)
Chinese Taipei	-37	(5.4)	-15	(4.5)	1.47	(0.10)	5.7	(1.2)	-0.3	(0.0)
Thailand	-5	(3.7)	-4	(3.7)	1.03	(0.10)	0.4	(1.4)	-0.1	(0.0)
Tunisia	-17	(6.2)	-14	(6.1)	1.38	(0.16)	2.3	(1.0)	-0.2	(0.1)
United Arab Emirates	-35	(3.9)	-25	(3.8)	1.69	(0.11)	6.4	(1.0)	-0.4	(0.0)
Uruguay	-4	(3.8)	3	(3.2)	1.03	(0.07)	0.5	(1.2)	-0.1	(0.0)
Viet Nam	11	(4.6)	15	(4.4)	0.85	(0.09)	-1.2	(0.7)	0.1	(0.1)

Note: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 1/3]

Mathematics performance, parents' work status and socio-economic statusTable II.3.2 *Results based on students' self-reports*

	Percentage of students								PISA index of economic, social and cultural status (ESCS)								
	Father's current job status				Mother's current job status				Father's current job status				Mother's current job status				
	Working full- or part-time <for pay>		Not working, but looking for a job or having another status (e.g. home duties, retired)		Working full- or part-time <for pay>		Not working, but looking for a job or having another status (e.g. home duties, retired)		Working full- or part-time <for pay>		Not working, but looking for a job or having another status (e.g. home duties, retired)		Working full- or part-time <for pay>		Not working, but looking for a job or having another status (e.g. home duties, retired)		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	
OECD	Australia	90.9	(0.3)	9.1	(0.3)	74.8	(0.6)	25.2	(0.6)	0.31	(0.01)	-0.05	(0.03)	0.34	(0.01)	0.01	(0.02)
	Austria	92.6	(0.5)	7.4	(0.5)	80.0	(0.6)	20.0	(0.6)	0.13	(0.02)	-0.32	(0.07)	0.14	(0.02)	-0.15	(0.04)
	Belgium	88.8	(0.5)	11.2	(0.5)	76.6	(0.7)	23.4	(0.7)	0.25	(0.02)	-0.36	(0.06)	0.29	(0.02)	-0.27	(0.04)
	Canada	91.7	(0.3)	8.3	(0.3)	78.4	(0.5)	21.6	(0.5)	0.47	(0.02)	0.15	(0.03)	0.48	(0.01)	0.22	(0.03)
	Chile	90.0	(0.5)	10.0	(0.5)	53.5	(0.9)	46.5	(0.9)	-0.48	(0.03)	-1.03	(0.08)	-0.35	(0.03)	-0.82	(0.04)
	Czech Republic	93.4	(0.5)	6.6	(0.5)	82.8	(0.8)	17.2	(0.8)	-0.02	(0.02)	-0.41	(0.07)	0.00	(0.02)	-0.35	(0.04)
	Denmark	89.2	(0.5)	10.8	(0.5)	82.5	(0.8)	17.5	(0.8)	0.51	(0.02)	-0.05	(0.04)	0.54	(0.02)	-0.05	(0.04)
	Estonia	91.0	(0.5)	9.0	(0.5)	82.0	(0.6)	18.0	(0.6)	0.18	(0.01)	-0.19	(0.05)	0.17	(0.02)	-0.12	(0.03)
	Finland	87.5	(0.5)	12.5	(0.5)	85.2	(0.6)	14.8	(0.6)	0.44	(0.02)	-0.01	(0.04)	0.44	(0.01)	0.01	(0.04)
	France	90.2	(0.5)	9.8	(0.5)	78.4	(0.8)	21.6	(0.8)	0.04	(0.02)	-0.41	(0.05)	0.08	(0.02)	-0.39	(0.03)
	Germany	93.3	(0.4)	6.7	(0.4)	77.2	(0.8)	22.8	(0.8)	0.26	(0.02)	-0.19	(0.08)	0.26	(0.03)	-0.02	(0.04)
	Greece	81.4	(0.6)	18.6	(0.6)	56.8	(1.1)	43.2	(1.1)	0.02	(0.03)	-0.38	(0.05)	0.19	(0.03)	-0.39	(0.03)
	Hungary	85.5	(0.7)	14.5	(0.7)	74.3	(0.8)	25.7	(0.8)	-0.14	(0.03)	-0.72	(0.07)	-0.07	(0.03)	-0.75	(0.05)
	Iceland	93.9	(0.4)	6.1	(0.4)	84.2	(0.6)	15.8	(0.6)	0.82	(0.01)	0.44	(0.06)	0.86	(0.02)	0.42	(0.04)
	Ireland	81.7	(0.6)	18.3	(0.6)	62.8	(0.8)	37.2	(0.8)	0.24	(0.02)	-0.25	(0.03)	0.28	(0.02)	-0.12	(0.03)
	Israel	88.4	(0.7)	11.6	(0.7)	71.9	(1.1)	28.1	(1.1)	0.28	(0.03)	-0.35	(0.06)	0.36	(0.03)	-0.25	(0.04)
	Italy	91.7	(0.3)	8.3	(0.3)	62.8	(0.5)	37.2	(0.5)	0.00	(0.01)	-0.45	(0.04)	0.18	(0.02)	-0.43	(0.02)
	Japan	96.9	(0.2)	3.1	(0.2)	77.9	(0.8)	22.1	(0.8)	-0.02	(0.02)	-0.27	(0.06)	-0.09	(0.01)	0.01	(0.03)
	Korea	90.4	(0.6)	9.6	(0.6)	59.4	(0.9)	40.6	(0.9)	0.07	(0.03)	-0.26	(0.05)	0.03	(0.03)	0.02	(0.03)
	Luxembourg	90.3	(0.5)	9.7	(0.5)	72.1	(0.7)	27.9	(0.7)	0.16	(0.02)	-0.35	(0.05)	0.11	(0.02)	0.00	(0.03)
	Mexico	84.8	(0.4)	15.2	(0.4)	40.7	(0.5)	59.3	(0.5)	-0.95	(0.03)	-1.73	(0.04)	-0.69	(0.03)	-1.36	(0.02)
	Netherlands	91.8	(0.4)	8.2	(0.4)	77.6	(0.7)	22.4	(0.7)	0.29	(0.02)	-0.16	(0.07)	0.32	(0.02)	-0.02	(0.03)
	New Zealand	91.3	(0.5)	8.7	(0.5)	76.2	(0.7)	23.8	(0.7)	0.11	(0.02)	-0.31	(0.05)	0.12	(0.02)	-0.18	(0.03)
	Norway	92.3	(0.5)	7.7	(0.5)	86.0	(0.7)	14.0	(0.7)	0.52	(0.02)	0.08	(0.04)	0.53	(0.02)	0.12	(0.04)
	Poland	87.4	(0.7)	12.6	(0.7)	70.0	(0.8)	30.0	(0.8)	-0.13	(0.03)	-0.58	(0.04)	-0.03	(0.03)	-0.62	(0.03)
	Portugal	85.8	(0.6)	14.2	(0.6)	74.2	(0.9)	25.8	(0.9)	-0.36	(0.05)	-0.91	(0.06)	-0.30	(0.05)	-0.96	(0.05)
	Slovak Republic	85.8	(0.8)	14.2	(0.8)	75.8	(0.8)	24.2	(0.8)	-0.06	(0.02)	-0.82	(0.05)	-0.01	(0.02)	-0.70	(0.05)
	Slovenia	88.6	(0.6)	11.4	(0.6)	84.3	(0.6)	15.7	(0.6)	0.13	(0.02)	-0.28	(0.05)	0.16	(0.01)	-0.42	(0.04)
	Spain	84.5	(0.5)	15.5	(0.5)	66.7	(0.6)	33.3	(0.6)	-0.06	(0.02)	-0.71	(0.03)	-0.04	(0.03)	-0.48	(0.03)
	Sweden	93.1	(0.5)	6.9	(0.5)	88.6	(0.6)	11.4	(0.6)	0.33	(0.02)	-0.23	(0.06)	0.34	(0.02)	-0.17	(0.04)
	Switzerland	94.2	(0.3)	5.8	(0.3)	75.9	(0.6)	24.1	(0.6)	0.21	(0.02)	-0.19	(0.05)	0.23	(0.02)	0.01	(0.03)
	Turkey	71.1	(0.9)	28.9	(0.9)	14.5	(0.8)	85.5	(0.8)	-1.27	(0.04)	-1.83	(0.04)	-0.83	(0.08)	-1.52	(0.03)
	United Kingdom	89.6	(0.4)	10.4	(0.4)	76.3	(1.0)	23.7	(1.0)	0.35	(0.02)	-0.09	(0.05)	0.35	(0.02)	0.06	(0.04)
	United States	86.0	(0.8)	14.0	(0.8)	73.8	(0.9)	26.2	(0.9)	0.27	(0.04)	-0.14	(0.04)	0.25	(0.03)	-0.03	(0.07)
	OECD average	89.0	(0.1)	11.0	(0.1)	72.2	(0.1)	27.8	(0.1)	0.09	(0.00)	-0.39	(0.01)	0.14	(0.00)	-0.28	(0.01)
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Argentina	88.8	(0.6)	11.2	(0.6)	53.8	(1.2)	46.2	(1.2)	-0.59	(0.04)	-1.19	(0.08)	-0.38	(0.05)	-1.04	(0.04)
	Brazil	80.8	(0.4)	19.2	(0.4)	56.5	(0.5)	43.5	(0.5)	-1.01	(0.02)	-1.60	(0.03)	-0.88	(0.03)	-1.51	(0.03)
	Bulgaria	86.4	(0.7)	13.6	(0.7)	79.3	(0.9)	20.7	(0.9)	-0.17	(0.03)	-0.86	(0.08)	-0.11	(0.03)	-0.87	(0.06)
	Colombia	84.3	(0.9)	15.7	(0.9)	53.4	(1.0)	46.6	(1.0)	-1.12	(0.04)	-1.70	(0.07)	-1.05	(0.04)	-1.47	(0.05)
	Costa Rica	87.9	(0.8)	12.1	(0.8)	44.7	(1.1)	55.3	(1.1)	-0.85	(0.04)	-1.32	(0.08)	-0.61	(0.05)	-1.25	(0.04)
	Croatia	71.6	(0.8)	28.4	(0.8)	62.2	(1.0)	37.8	(1.0)	-0.21	(0.02)	-0.63	(0.03)	-0.12	(0.02)	-0.70	(0.02)
	Cyprus*	90.3	(0.5)	9.7	(0.5)	72.7	(0.6)	27.3	(0.6)	0.18	(0.01)	-0.52	(0.04)	0.25	(0.01)	-0.27	(0.03)
	Hong Kong-China	88.1	(0.5)	11.9	(0.5)	62.5	(1.0)	37.5	(1.0)	-0.73	(0.05)	-1.14	(0.05)	-0.75	(0.06)	-0.86	(0.05)
	Indonesia	80.1	(1.0)	19.9	(1.0)	38.9	(1.1)	61.1	(1.1)	-1.71	(0.06)	-2.05	(0.05)	-1.65	(0.07)	-1.86	(0.05)
	Jordan	75.1	(0.7)	24.9	(0.7)	17.4	(0.7)	82.6	(0.7)	-0.29	(0.02)	-0.75	(0.05)	0.09	(0.03)	-0.53	(0.02)
	Kazakhstan	76.5	(1.1)	23.5	(1.1)	61.6	(1.3)	38.4	(1.3)	-0.19	(0.02)	-0.65	(0.03)	-0.13	(0.02)	-0.60	(0.03)
	Latvia	86.3	(0.7)	13.7	(0.7)	78.7	(0.8)	21.3	(0.8)	-0.16	(0.03)	-0.58	(0.06)	-0.17	(0.03)	-0.52	(0.05)
	Liechtenstein	91.4	(1.9)	8.6	(1.9)	66.3	(2.8)	33.7	(2.8)	0.30	(0.06)	c	c	0.32	(0.06)	0.21	(0.09)
	Lithuania	82.5	(0.6)	17.5	(0.6)	74.8	(0.8)	25.2	(0.8)	-0.01	(0.02)	-0.51	(0.04)	0.02	(0.02)	-0.56	(0.04)
	Macao-China	88.8	(0.4)	11.2	(0.4)	76.3	(0.6)	23.7	(0.6)	-0.84	(0.01)	-1.13	(0.04)	-0.86	(0.01)	-0.97	(0.02)
	Malaysia	86.0	(0.6)	14.0	(0.6)	39.6	(1.0)	60.4	(1.0)	-0.67	(0.04)	-0.95	(0.05)	-0.37	(0.04)	-0.95	(0.03)
	Montenegro	73.8	(0.7)	26.2	(0.7)	50.5	(0.8)	49.5	(0.8)	-0.10	(0.02)	-0.61	(0.02)	0.03	(0.02)	-0.52	(0.02)
	Peru	84.0	(0.8)	16.0	(0.8)	51.4	(0.8)	48.6	(0.8)	-1.08	(0.05)	-1.80	(0.07)	-1.08	(0.06)	-1.36	(0.05)
	Qatar	86.4	(0.3)	13.6	(0.3)	38.0	(0.4)	62.0	(0.4)	0.51	(0.01)	0.06	(0.03)	0.65	(0.01)	0.32	(0.01)
	Romania	74.1	(1.0)	25.9	(1.0)	60.5	(1.2)	39.5	(1.2)	-0.28	(0.04)	-0.95	(0.05)	-0.19	(0.04)	-0.88	(0.04)
	Russian Federation	86.3	(0.6)	13.7	(0.6)	76.2	(0.9)	23.8	(0.9)	-0.02	(0.03)	-0.37	(0.03)	-0.03	(0.02)	-0.33	(0.04)
	Serbia	77.2	(0.8)	22.8	(0.8)	59.4	(1.1)	40.6	(1.1)	-0.18	(0.02)	-0.61	(0.03)	-0.08	(0.03)	-0.60	(0.03)
	Shanghai-China	87.3	(0.5)	12.7	(0.5)	75.0	(0.9)	25.0	(0.9)	-0.28	(0.03)	-0.89	(0.06)	-0.25	(0.03)	-0.69	(0.05)
	Singapore	92.6	(0.4)	7.4	(0.4)	63.3	(0.6)	36.7	(0.6)	-0.23	(0.02)	-0.44	(0.05)	-0.21	(0.02)	-0.34	(0.03)
	Chinese Taipei	87.9	(0.5)	12.1	(0.5)	69.6	(0.6)	30.4	(0.6)	-0.34	(0.02)	-0.70	(0.04)	-0.35	(0.03)	-0.46	(0.03)
	Thailand	81.8	(0.6)	18.2	(0.6)	70.9	(0.6)	29.1	(0.6)	-1.27	(0.05)	-1.55	(0.05)	-1.31	(0.05)	-1.40	(0.04)
	Tunisia	84.0	(0.7)	16.0	(0.7)	23.9	(1.1)	76.1	(1.1)	-1.07	(0.05)	-1.68	(0.07)	-0.51	(0.09)	-1.39	(0.04)
	United Arab Emirates	80.9	(0.6)	19.1	(0.6)	27.0	(0.6)	73.0	(0.6)	0.44	(0.01)	-0.08	(0.04)	0.65	(0.02)	0.21	(0.02)
	Uruguay	89.5	(0.5)	10.5	(0.5)	65.5	(0.8)	34.5	(0.8)	-0.76	(0.03)	-1.25	(0.05)	-0.65	(0.03)	-1.29	(0.03)
	Viet Nam	53.2	(1.6)	46.8	(1.6)	36.3	(1.7)	63.7	(1.7)	-1.46	(0.06)	-2.16	(0.04)	-1.35	(0.08)	-2.06	(0.03)

Note: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 2/3]

Mathematics performance, parents' work status and socio-economic statusTable II.3.2 *Results based on students' self-reports*

	Mean mathematics performance								Difference in mathematics performance between students whose fathers are working and those whose fathers are not working	Difference in mathematics performance between students whose mothers are working and those whose mothers are not working	Difference in mathematics performance between students whose fathers are working and those whose fathers are not working, accounting for ESCS				
	Father's current job status				Mother's current job status										
	Working full- or part-time <for pay>		Not working, but looking for a job or having another status (e.g. home duties, retired)		Working full- or part-time <for pay>		Not working, but looking for a job or having another status (e.g. home duties, retired)								
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.							
OECD	Australia	511	(1.7)	487	(3.5)	511	(1.8)	497	(2.5)	24	(3.3)	15	(2.3)	9	(3.2)
	Austria	509	(2.6)	488	(7.8)	511	(2.6)	492	(4.4)	21	(7.5)	19	(4.1)	2	(5.9)
	Belgium	526	(2.1)	482	(4.8)	530	(2.0)	481	(3.7)	45	(4.6)	49	(3.4)	16	(4.0)
	Canada	524	(1.8)	515	(4.2)	523	(1.9)	516	(2.6)	9	(4.0)	7	(2.4)	-1	(3.8)
	Chile	426	(3.1)	415	(5.1)	430	(3.3)	418	(3.2)	12	(4.6)	12	(2.5)	-7	(3.9)
	Czech Republic	504	(2.8)	469	(9.1)	506	(2.6)	472	(5.9)	35	(8.8)	34	(5.6)	15	(7.2)
	Denmark	508	(2.2)	474	(3.1)	509	(2.1)	472	(3.2)	34	(3.6)	38	(3.2)	12	(3.5)
	Estonia	524	(2.1)	508	(5.3)	525	(2.1)	509	(3.8)	15	(4.9)	15	(3.8)	4	(4.8)
	Finland	525	(1.8)	504	(4.1)	524	(1.8)	509	(4.3)	21	(4.0)	15	(4.1)	6	(3.7)
	France	503	(2.5)	479	(5.2)	509	(2.7)	465	(4.1)	24	(5.1)	44	(4.5)	-2	(5.1)
	Germany	523	(3.0)	502	(7.4)	526	(3.3)	500	(4.7)	22	(7.0)	26	(4.9)	3	(5.9)
	Greece	459	(2.5)	440	(4.2)	466	(2.6)	440	(2.8)	18	(4.1)	27	(2.5)	5	(3.5)
	Hungary	485	(3.4)	446	(6.2)	490	(3.4)	448	(4.5)	40	(6.8)	42	(4.6)	12	(4.2)
	Iceland	498	(1.8)	473	(6.7)	500	(1.9)	472	(3.4)	25	(6.7)	28	(3.8)	14	(6.2)
	Ireland	510	(2.1)	480	(4.1)	509	(2.1)	492	(3.1)	30	(3.6)	17	(2.7)	13	(3.0)
	Israel	477	(4.6)	442	(6.7)	490	(4.7)	423	(5.0)	34	(6.3)	67	(5.4)	2	(5.9)
	Italy	489	(2.0)	471	(3.5)	497	(2.2)	468	(2.3)	17	(3.2)	29	(2.2)	4	(2.9)
	Japan	542	(3.6)	526	(9.3)	538	(3.5)	546	(5.0)	16	(9.4)	-8	(3.6)	6	(7.9)
	Korea	558	(4.7)	541	(6.5)	557	(4.3)	554	(5.7)	17	(6.2)	2	(3.4)	3	(5.6)
	Luxembourg	496	(2.2)	473	(4.6)	494	(1.3)	491	(2.9)	23	(4.9)	3	(3.2)	5	(4.6)
	Mexico	417	(1.3)	405	(2.4)	418	(1.6)	412	(1.4)	11	(2.2)	6	(1.3)	-3	(1.9)
	Netherlands	528	(3.5)	515	(5.7)	529	(3.4)	518	(4.7)	13	(5.2)	11	(3.4)	-5	(5.2)
	New Zealand	509	(2.2)	469	(6.2)	508	(2.2)	492	(4.7)	40	(5.8)	16	(4.6)	19	(5.1)
	Norway	495	(2.6)	472	(6.7)	496	(2.6)	466	(4.2)	23	(6.5)	30	(3.9)	9	(6.3)
	Poland	522	(3.7)	503	(4.8)	528	(3.8)	496	(3.7)	19	(4.3)	32	(3.3)	0	(4.2)
	Portugal	496	(3.5)	468	(5.2)	498	(3.8)	471	(4.2)	28	(4.1)	27	(3.7)	10	(3.7)
	Slovak Republic	493	(3.3)	431	(6.5)	497	(3.2)	440	(5.8)	62	(6.4)	57	(5.1)	22	(4.8)
	Slovenia	504	(1.4)	497	(4.5)	507	(1.4)	481	(4.0)	8	(4.9)	26	(4.3)	-10	(4.5)
	Spain	492	(2.0)	461	(2.9)	492	(2.0)	474	(2.2)	31	(3.1)	18	(2.2)	10	(3.1)
	Sweden	486	(2.2)	448	(6.2)	486	(2.2)	452	(5.2)	38	(6.4)	34	(5.4)	18	(6.2)
	Switzerland	535	(3.2)	509	(6.1)	535	(3.0)	524	(4.1)	26	(6.1)	11	(3.0)	11	(5.8)
	Turkey	455	(5.0)	441	(5.7)	469	(7.6)	450	(4.6)	13	(4.1)	19	(5.5)	-5	(3.7)
	United Kingdom	503	(3.0)	481	(4.7)	502	(2.9)	485	(5.1)	22	(3.9)	17	(4.5)	4	(3.8)
	United States	488	(3.7)	467	(5.3)	485	(3.6)	477	(4.5)	21	(4.7)	8	(3.6)	7	(4.3)
	OECD average	501	(0.5)	476	(1.0)	503	(0.5)	480	(0.7)	25	(0.9)	23	(0.7)	6	(0.8)
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Argentina	395	(3.5)	372	(5.2)	401	(3.4)	382	(3.8)	23	(4.2)	19	(2.2)	7	(4.5)
	Brazil	397	(2.3)	384	(2.4)	402	(2.4)	382	(2.1)	14	(2.5)	19	(1.9)	-2	(2.0)
	Bulgaria	445	(3.7)	418	(6.1)	450	(3.9)	410	(5.5)	28	(5.0)	40	(5.3)	-2	(4.4)
	Colombia	378	(3.1)	378	(4.4)	379	(3.0)	376	(3.3)	0	(3.4)	3	(2.5)	-15	(3.1)
	Costa Rica	410	(3.1)	404	(5.2)	415	(3.8)	403	(3.1)	7	(4.6)	12	(3.2)	-5	(3.9)
	Croatia	478	(3.9)	459	(3.8)	484	(4.1)	453	(3.4)	19	(3.2)	31	(3.7)	3	(3.0)
	Cyprus*	448	(1.3)	410	(4.1)	451	(1.6)	426	(2.4)	38	(4.3)	25	(3.2)	12	(4.3)
	Hong Kong-China	565	(3.3)	557	(4.7)	564	(3.6)	563	(3.6)	8	(4.6)	1	(3.5)	-3	(4.1)
	Indonesia	381	(4.2)	365	(4.5)	377	(4.9)	378	(3.8)	16	(3.5)	-1	(3.0)	9	(3.3)
	Jordan	396	(2.9)	378	(4.0)	401	(5.8)	389	(2.6)	17	(3.2)	12	(4.5)	7	(3.3)
	Kazakhstan	437	(3.5)	417	(4.2)	437	(3.4)	424	(3.3)	20	(4.5)	13	(3.1)	8	(3.9)
	Latvia	493	(3.0)	489	(5.8)	494	(3.1)	483	(3.5)	4	(6.0)	11	(3.9)	-11	(5.2)
	Liechtenstein	538	(4.3)	c	c	532	(5.9)	548	(8.0)	c	c	-16	(11.2)	c	c
	Lithuania	486	(2.5)	466	(4.3)	488	(2.6)	458	(3.5)	20	(3.7)	29	(3.0)	3	(3.4)
	Macao-China	540	(1.1)	540	(4.2)	539	(1.2)	540	(2.6)	0	(4.6)	0	(3.1)	-4	(4.4)
	Malaysia	425	(3.3)	402	(4.2)	431	(4.1)	415	(2.9)	23	(3.9)	16	(2.9)	15	(4.0)
	Montenegro	416	(1.5)	398	(2.4)	428	(1.7)	396	(1.6)	18	(3.1)	32	(2.5)	1	(3.0)
	Peru	373	(3.9)	352	(4.6)	368	(4.1)	370	(3.7)	21	(3.7)	-2	(2.6)	-4	(2.7)
	Qatar	389	(1.0)	332	(2.1)	386	(1.7)	379	(1.1)	57	(2.4)	7	(2.2)	46	(2.4)
	Romania	454	(4.1)	424	(4.0)	459	(4.2)	425	(3.8)	30	(3.8)	33	(3.7)	5	(2.9)
	Russian Federation	487	(3.0)	468	(6.1)	488	(2.9)	470	(4.5)	19	(5.6)	18	(3.5)	5	(5.4)
	Serbia	455	(3.6)	439	(4.1)	462	(3.8)	433	(3.8)	15	(3.6)	29	(3.8)	1	(3.1)
	Shanghai-China	617	(3.1)	586	(6.7)	622	(3.0)	588	(5.3)	31	(5.6)	33	(4.3)	7	(4.8)
	Singapore	576	(1.5)	568	(5.7)	578	(1.7)	569	(2.8)	8	(6.2)	9	(3.6)	-1	(5.7)
	Chinese Taipei	565	(3.2)	538	(6.1)	563	(3.5)	558	(4.5)	27	(5.7)	5	(4.2)	7	(5.2)
	Thailand	428	(3.6)	429	(4.5)	426	(3.6)	433	(4.0)	-1	(3.7)	-8	(2.9)	-7	(3.5)
	Tunisia	391	(4.3)	385	(4.9)	412	(7.9)	384	(3.4)	6	(4.5)	28	(6.7)	-7	(3.7)
	United Arab Emirates	446	(2.5)	399	(2.7)	455	(3.0)	429	(2.6)	47	(3.0)	26	(2.9)	31	(2.7)
	Uruguay	416	(2.8)	397	(4.3)	423	(2.8)	393	(3.2)	19	(4.5)	30	(2.9)	1	(4.2)
	Viet Nam	519	(5.9)	505	(4.7)	526	(6.4)	504	(4.5)	14	(5.1)	22	(4.9)	-7	(3.8)

Note: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 3/3]

Mathematics performance, parents' work status and socio-economic statusTable II.3.2 *Results based on students' self-reports*

OECD	Difference in mathematics performance between students whose mothers are working and those whose mothers are not working, accounting for ESCS		Increased likelihood of students whose fathers are not working scoring in the bottom quarter of the mathematics performance distribution		Population relevance of students whose fathers are not working scoring in the bottom quarter of the mathematics performance distribution		Increased likelihood of students whose mothers are not working scoring in the bottom quarter of the mathematics performance distribution		Population relevance of students whose mothers are not working scoring in the bottom quarter of the mathematics performance distribution		Effect size in mathematics performance for students whose fathers are not working		Effect size in mathematics performance for students whose mothers are not working	
	Score dif.	S.E.	Ratio	S.E.	%	S.E.	Ratio	S.E.	%	S.E.	Effect size	S.E.	Effect size	S.E.
Australia	1	(2.2)	1.40	(0.08)	3.5	(0.7)	1.29	(0.06)	6.7	(1.2)	-0.25	(0.04)	-0.15	(0.02)
Austria	6	(3.6)	1.47	(0.15)	3.4	(1.1)	1.41	(0.09)	7.6	(1.7)	-0.22	(0.08)	-0.20	(0.04)
Belgium	24	(2.6)	1.78	(0.10)	8.0	(1.0)	1.86	(0.09)	16.8	(1.6)	-0.45	(0.04)	-0.50	(0.03)
Canada	-1	(2.1)	1.20	(0.08)	1.7	(0.6)	1.15	(0.05)	3.1	(1.1)	-0.10	(0.05)	-0.08	(0.03)
Chile	-4	(2.1)	1.23	(0.14)	2.3	(1.3)	1.21	(0.08)	9.0	(3.0)	-0.15	(0.06)	-0.15	(0.03)
Czech Republic	17	(4.9)	1.64	(0.21)	4.0	(1.4)	1.53	(0.12)	8.4	(1.9)	-0.35	(0.09)	-0.35	(0.05)
Denmark	16	(3.0)	1.64	(0.10)	6.4	(0.9)	1.81	(0.10)	12.4	(1.4)	-0.42	(0.05)	-0.47	(0.04)
Estonia	7	(3.7)	1.27	(0.14)	2.4	(1.2)	1.29	(0.12)	5.0	(1.9)	-0.19	(0.06)	-0.19	(0.05)
Finland	1	(3.5)	1.43	(0.09)	5.1	(1.1)	1.35	(0.09)	5.0	(1.3)	-0.24	(0.05)	-0.18	(0.05)
France	18	(4.2)	1.40	(0.13)	3.8	(1.1)	1.88	(0.15)	16.0	(2.5)	-0.25	(0.05)	-0.45	(0.05)
Germany	14	(4.1)	1.46	(0.16)	3.0	(1.0)	1.47	(0.12)	9.6	(2.2)	-0.22	(0.07)	-0.26	(0.05)
Greece	7	(2.3)	1.36	(0.09)	6.2	(1.5)	1.45	(0.07)	16.3	(2.3)	-0.21	(0.05)	-0.31	(0.03)
Hungary	12	(3.7)	1.79	(0.15)	10.3	(1.9)	1.91	(0.14)	19.0	(2.5)	-0.42	(0.07)	-0.46	(0.05)
Iceland	16	(3.8)	1.33	(0.13)	2.0	(0.8)	1.46	(0.12)	6.8	(1.6)	-0.28	(0.07)	-0.32	(0.04)
Ireland	2	(2.5)	1.57	(0.10)	9.4	(1.5)	1.35	(0.07)	11.6	(2.1)	-0.36	(0.04)	-0.20	(0.03)
Israel	41	(4.8)	1.52	(0.13)	5.7	(1.4)	2.37	(0.19)	27.8	(2.9)	-0.32	(0.06)	-0.68	(0.05)
Italy	12	(2.0)	1.29	(0.08)	2.4	(0.6)	1.49	(0.06)	15.4	(1.6)	-0.19	(0.03)	-0.32	(0.02)
Japan	-4	(3.2)	1.17	(0.18)	0.5	(0.6)	0.94	(0.05)	-1.2	(1.2)	-0.17	(0.10)	0.09	(0.04)
Korea	2	(3.0)	1.25	(0.11)	2.3	(1.0)	1.13	(0.06)	4.9	(2.2)	-0.17	(0.06)	-0.02	(0.03)
Luxembourg	-2	(2.7)	1.36	(0.14)	3.4	(1.3)	1.05	(0.06)	1.5	(1.7)	-0.25	(0.05)	-0.03	(0.03)
Mexico	-7	(1.2)	1.23	(0.05)	3.4	(0.7)	1.09	(0.04)	5.0	(1.9)	-0.16	(0.03)	-0.08	(0.02)
Netherlands	-2	(3.3)	1.20	(0.10)	1.6	(0.8)	1.22	(0.10)	4.6	(2.0)	-0.15	(0.06)	-0.13	(0.04)
New Zealand	1	(4.2)	1.74	(0.15)	6.0	(1.2)	1.35	(0.11)	7.7	(2.2)	-0.40	(0.06)	-0.16	(0.05)
Norway	18	(3.8)	1.41	(0.14)	3.1	(1.0)	1.52	(0.09)	6.8	(1.2)	-0.25	(0.08)	-0.34	(0.04)
Poland	8	(3.0)	1.26	(0.10)	3.2	(1.2)	1.56	(0.11)	14.4	(2.3)	-0.21	(0.05)	-0.36	(0.04)
Portugal	5	(3.1)	1.45	(0.14)	6.0	(1.6)	1.47	(0.10)	10.7	(2.0)	-0.31	(0.04)	-0.29	(0.04)
Slovak Republic	22	(4.1)	2.23	(0.16)	14.9	(1.9)	2.18	(0.13)	22.2	(2.0)	-0.60	(0.06)	-0.57	(0.05)
Slovenia	2	(4.1)	1.15	(0.14)	1.7	(1.5)	1.35	(0.11)	5.2	(1.5)	-0.08	(0.05)	-0.29	(0.05)
Spain	3	(1.9)	1.52	(0.08)	7.5	(1.1)	1.30	(0.06)	9.0	(1.6)	-0.36	(0.04)	-0.21	(0.03)
Sweden	17	(5.1)	1.74	(0.15)	4.9	(0.9)	1.58	(0.13)	6.2	(1.4)	-0.41	(0.07)	-0.38	(0.06)
Switzerland	3	(2.9)	1.46	(0.13)	2.6	(0.7)	1.17	(0.07)	4.0	(1.5)	-0.27	(0.07)	-0.12	(0.03)
Turkey	-2	(3.5)	1.22	(0.08)	5.9	(2.0)	1.03	(0.10)	2.8	(7.6)	-0.15	(0.05)	-0.20	(0.05)
United Kingdom	6	(3.6)	1.35	(0.09)	3.5	(0.8)	1.33	(0.12)	7.2	(2.6)	-0.24	(0.04)	-0.18	(0.05)
United States	-2	(3.0)	1.39	(0.10)	5.2	(1.4)	1.16	(0.08)	4.1	(1.9)	-0.24	(0.05)	-0.09	(0.04)
OECD average	8	(0.6)	1.44	(0.02)	4.6	(0.2)	1.43	(0.02)	9.2	(0.4)	-0.27	(0.01)	-0.25	(0.01)
Partners														
	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Albania	2	(2.3)	1.46	(0.12)	4.9	(1.3)	1.35	(0.08)	13.9	(2.8)	-0.30	(0.05)	-0.25	(0.03)
Argentina	3	(1.7)	1.19	(0.05)	3.5	(0.9)	1.31	(0.05)	11.8	(1.8)	-0.18	(0.03)	-0.25	(0.02)
Brazil	9	(3.7)	1.49	(0.11)	6.2	(1.4)	1.75	(0.14)	13.4	(2.2)	-0.30	(0.05)	-0.44	(0.05)
Bulgaria	-7	(2.6)	1.00	(0.09)	0.0	(1.4)	1.07	(0.07)	3.2	(3.3)	0.00	(0.05)	-0.04	(0.03)
Colombia	-3	(2.8)	1.12	(0.11)	1.5	(1.3)	1.14	(0.08)	7.0	(4.0)	-0.10	(0.07)	-0.18	(0.05)
Costa Rica	11	(3.2)	1.28	(0.07)	7.4	(1.8)	1.54	(0.12)	17.0	(3.0)	-0.21	(0.04)	-0.36	(0.04)
Croatia	5	(3.0)	1.67	(0.13)	6.1	(1.2)	1.37	(0.08)	9.1	(1.8)	-0.42	(0.05)	-0.28	(0.04)
Cyprus*	-2	(3.2)	1.11	(0.08)	1.3	(0.9)	0.99	(0.06)	-0.3	(2.2)	-0.08	(0.05)	-0.01	(0.04)
Hong Kong-China	-5	(2.7)	1.32	(0.11)	6.1	(1.9)	0.92	(0.07)	-5.5	(5.0)	-0.23	(0.05)	0.01	(0.04)
Indonesia	-2	(3.9)	1.37	(0.11)	8.3	(2.2)	1.08	(0.10)	6.4	(6.8)	-0.23	(0.05)	-0.16	(0.05)
Jordan	1	(2.8)	1.47	(0.14)	9.9	(2.6)	1.28	(0.09)	9.6	(2.8)	-0.28	(0.06)	-0.18	(0.04)
Kazakhstan	-1	(3.4)	1.14	(0.13)	1.9	(1.7)	1.16	(0.09)	3.3	(1.8)	-0.05	(0.07)	-0.14	(0.05)
Latvia	-20	(10.9)	c	c	c	c	0.77	(0.26)	-8.7	(10.6)	c	c	0.17	(0.12)
Liechtenstein	9	(2.9)	1.37	(0.09)	6.2	(1.5)	1.52	(0.09)	11.7	(1.8)	-0.23	(0.04)	-0.34	(0.03)
Lithuania	-2	(3.1)	0.97	(0.09)	-0.3	(1.0)	1.05	(0.06)	1.1	(1.4)	0.00	(0.05)	0.00	(0.03)
Macao-China	-1	(2.5)	1.41	(0.11)	5.4	(1.4)	1.18	(0.08)	10.0	(4.1)	-0.29	(0.05)	-0.19	(0.03)
Malaysia	16	(2.6)	1.39	(0.10)	9.3	(2.1)	1.70	(0.11)	25.9	(2.9)	-0.22	(0.04)	-0.40	(0.03)
Montenegro	-11	(2.3)	1.35	(0.10)	5.3	(1.4)	0.91	(0.05)	-4.8	(2.6)	-0.25	(0.04)	0.02	(0.03)
Peru	-2	(2.1)	1.79	(0.08)	9.7	(0.9)	0.97	(0.05)	-2.0	(3.2)	-0.64	(0.03)	-0.07	(0.02)
Qatar	8	(2.7)	1.55	(0.09)	12.5	(1.8)	1.61	(0.11)	19.4	(2.9)	-0.38	(0.05)	-0.42	(0.04)
Romania	7	(3.3)	1.30	(0.14)	3.9	(1.8)	1.25	(0.08)	5.6	(1.7)	-0.21	(0.06)	-0.21	(0.04)
Russian Federation	12	(3.2)	1.18	(0.08)	4.0	(1.7)	1.44	(0.10)	15.2	(2.9)	-0.17	(0.04)	-0.32	(0.04)
Serbia	16	(3.7)	1.45	(0.13)	5.4	(1.6)	1.60	(0.09)	13.1	(1.9)	-0.31	(0.05)	-0.33	(0.04)
Shanghai-China	4	(3.2)	1.09	(0.09)	0.7	(0.7)	1.12	(0.06)	4.2	(2.1)	-0.08	(0.06)	-0.09	(0.03)
Singapore	-1	(3.6)	1.37	(0.10)	4.3	(1.1)	1.09	(0.07)	2.7	(2.0)	-0.23	(0.05)	-0.04	(0.04)
Chinese Taipei	-10	(2.7)	0.96	(0.07)	-0.7	(1.3)	0.85	(0.06)	-4.7	(1.8)	0.01	(0.04)	0.10	(0.04)
Thailand	9	(4.5)	1.11	(0.11)	1.7	(1.8)	1.26	(0.14)	16.5	(6.9)	-0.08	(0.06)	-0.34	(0.07)
Tunisia	12	(2.9)	1.74	(0.08)	12.4	(1.1)	1.38	(0.09)	21.8	(4.1)	-0.56	(0.03)	-0.29	(0.03)
United Arab Emirates	6	(2.6)	1.27	(0.12)	2.7	(1.2)	1.47	(0.10)	13.9	(2.4)	-0.22	(0.05)	-0.34	(0.03)
Uruguay	1	(3.7)	1.19	(0.10)	8.0	(4.0)	1.29	(0.12)	15.4	(5.6)	-0.16	(0.06)	-0.25	(0.06)
Viet Nam														

Note: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 1/2]
Relationship between mathematics performance and school location
 Results based on students' self-reports and school principals' reports

Table II.3.3a

	Percentage of students						PISA index of economic, social and cultural status (ESCS)						Average performance in mathematics					
	Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a town (3 000 to 100 000 people)		Students attending schools located in a city or large city (over 100 000 people)		Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a town (3 000 to 100 000 people)		Students attending schools located in a city or large city (over 100 000 people)		Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a town (3 000 to 100 000 people)		Students attending schools located in a city or large city (over 100 000 people)	
	%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD																		
Australia	5.9	(0.9)	28.7	(1.2)	65.4	(1.3)	-0.09	(0.0)	0.13	(0.0)	0.33	(0.0)	470	(5.4)	489	(2.7)	517	(2.0)
Austria	9.8	(2.3)	54.7	(3.5)	35.5	(3.0)	0.02	(0.1)	0.02	(0.0)	0.18	(0.1)	512	(17.9)	503	(4.6)	510	(7.3)
Belgium	2.6	(1.0)	74.9	(2.8)	22.6	(2.5)	0.09	(0.2)	0.15	(0.0)	0.11	(0.1)	482	(34.7)	523	(3.1)	502	(9.3)
Canada	8.1	(0.8)	37.7	(2.1)	54.2	(2.0)	0.25	(0.0)	0.37	(0.0)	0.47	(0.0)	510	(4.8)	518	(2.3)	524	(3.3)
Chile	3.5	(1.2)	38.6	(3.7)	57.9	(3.8)	-1.72	(0.2)	-0.83	(0.1)	-0.34	(0.0)	358	(10.4)	417	(5.4)	431	(4.3)
Czech Republic	7.8	(1.6)	65.5	(3.1)	26.7	(2.9)	-0.22	(0.1)	-0.11	(0.0)	0.08	(0.0)	491	(8.3)	494	(5.2)	512	(6.9)
Denmark	23.9	(2.7)	60.7	(3.2)	15.3	(2.5)	0.33	(0.1)	0.47	(0.0)	0.42	(0.1)	493	(5.7)	505	(2.9)	501	(7.6)
Estonia	24.3	(1.9)	45.5	(1.9)	30.2	(0.7)	-0.25	(0.0)	0.13	(0.0)	0.38	(0.0)	510	(4.0)	519	(2.7)	535	(3.8)
Finland	7.4	(1.6)	65.7	(2.9)	26.9	(2.5)	0.02	(0.1)	0.33	(0.0)	0.53	(0.0)	517	(6.9)	518	(2.6)	525	(3.1)
France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Germany	1.3	(0.7)	74.3	(3.3)	24.4	(3.2)	c	c	0.16	(0.0)	0.29	(0.1)	c	c	518	(4.5)	526	(10.6)
Greece	8.3	(1.9)	62.3	(3.3)	29.4	(2.9)	-0.62	(0.1)	-0.12	(0.0)	0.20	(0.1)	432	(7.5)	448	(3.7)	471	(6.7)
Hungary	2.9	(0.7)	58.4	(4.1)	38.7	(4.1)	-1.09	(0.2)	-0.34	(0.1)	-0.04	(0.1)	395	(21.9)	470	(6.0)	496	(8.6)
Iceland	21.7	(0.2)	47.5	(0.2)	30.9	(0.2)	0.45	(0.0)	0.84	(0.0)	0.94	(0.0)	477	(3.4)	495	(2.6)	508	(2.9)
Ireland	22.6	(3.0)	50.8	(3.7)	26.6	(3.1)	0.06	(0.0)	0.12	(0.0)	0.19	(0.1)	506	(3.2)	502	(3.3)	499	(6.3)
Israel	15.5	(2.7)	45.8	(3.3)	38.7	(3.8)	0.36	(0.1)	0.09	(0.0)	0.19	(0.0)	480	(14.3)	457	(6.5)	479	(9.3)
Italy	2.4	(0.7)	67.1	(2.0)	30.5	(1.9)	-0.41	(0.1)	-0.11	(0.0)	0.12	(0.0)	451	(9.1)	484	(2.7)	497	(4.6)
Japan	0.0	c	27.5	(2.8)	72.5	(2.8)	c	c	-0.24	(0.0)	-0.01	(0.0)	c	c	514	(7.3)	548	(5.0)
Korea	2.4	(0.8)	11.4	(1.8)	86.1	(1.8)	c	c	-0.08	(0.1)	0.03	(0.0)	c	c	546	(12.7)	556	(4.6)
Luxembourg	0.5	(0.0)	99.5	(0.0)	0.0	c	c	c	0.07	(0.0)	c	c	c	c	491	(1.2)	c	c
Mexico	15.1	(1.0)	42.0	(1.8)	43.0	(1.7)	-2.18	(0.0)	-1.32	(0.0)	-0.53	(0.0)	375	(2.9)	408	(2.4)	433	(1.9)
Netherlands	0.0	c	72.4	(4.2)	27.6	(4.2)	c	c	0.19	(0.0)	0.27	(0.1)	c	c	521	(5.9)	521	(11.1)
New Zealand	6.3	(1.0)	37.9	(3.5)	55.8	(3.4)	-0.38	(0.1)	-0.07	(0.0)	0.18	(0.0)	460	(6.4)	494	(5.1)	516	(3.3)
Norway	18.4	(2.0)	60.9	(3.2)	20.7	(2.9)	0.28	(0.0)	0.48	(0.0)	0.60	(0.1)	478	(8.4)	493	(2.9)	501	(6.0)
Poland	32.5	(2.4)	46.8	(2.5)	20.8	(0.8)	-0.54	(0.0)	-0.19	(0.0)	0.26	(0.1)	498	(3.4)	517	(4.7)	548	(11.4)
Portugal	6.0	(2.1)	72.2	(4.1)	21.9	(3.6)	-1.14	(0.1)	-0.55	(0.1)	-0.08	(0.1)	457	(20.4)	491	(4.3)	492	(10.8)
Slovak Republic	13.6	(1.9)	72.9	(2.8)	13.6	(1.8)	-0.67	(0.1)	-0.18	(0.0)	0.28	(0.1)	431	(10.6)	486	(4.9)	517	(10.9)
Slovenia	1.2	(0.4)	59.7	(0.7)	39.1	(0.6)	0.01	(0.3)	0.01	(0.0)	0.20	(0.0)	433	(12.1)	498	(1.5)	516	(2.7)
Spain	3.3	(0.6)	58.8	(2.4)	37.9	(2.4)	-0.61	(0.1)	-0.28	(0.0)	-0.02	(0.0)	467	(8.2)	480	(2.4)	495	(3.3)
Sweden	17.8	(2.4)	56.6	(3.0)	25.6	(2.4)	0.09	(0.0)	0.27	(0.0)	0.42	(0.0)	469	(4.7)	481	(3.0)	490	(5.9)
Switzerland	7.9	(1.7)	74.5	(2.9)	17.6	(2.6)	-0.09	(0.1)	0.15	(0.0)	0.38	(0.1)	522	(5.5)	531	(4.0)	538	(10.1)
Turkey	2.3	(1.0)	41.3	(4.6)	56.4	(4.4)	-1.63	(0.3)	-1.51	(0.1)	-1.41	(0.1)	480	(31.4)	457	(11.0)	441	(6.3)
United Kingdom	8.1	(1.6)	63.8	(3.1)	28.1	(2.9)	0.43	(0.1)	0.28	(0.0)	0.26	(0.0)	499	(10.4)	497	(4.1)	501	(6.7)
United States	10.9	(2.9)	52.4	(4.1)	36.7	(3.6)	0.02	(0.0)	0.27	(0.1)	0.12	(0.1)	473	(9.1)	491	(5.5)	476	(7.0)
OECD average	9.4	(0.3)	55.9	(0.5)	34.7	(0.5)	-0.33	(0.0)	-0.04	(0.0)	0.15	(0.0)	468	(2.4)	493	(0.9)	504	(1.2)
Partners																		
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	8.5	(1.9)	53.9	(3.7)	37.5	(3.5)	-1.38	(0.2)	-0.71	(0.1)	-0.59	(0.1)	369	(12.4)	386	(4.8)	400	(5.2)
Brazil	1.1	(0.4)	49.5	(2.3)	49.3	(2.3)	-1.99	(0.1)	-1.51	(0.0)	-0.80	(0.0)	365	(9.8)	378	(2.9)	406	(3.7)
Bulgaria	3.8	(1.1)	60.2	(2.2)	36.0	(2.2)	-1.52	(0.3)	-0.42	(0.0)	0.09	(0.1)	364	(13.2)	426	(4.8)	471	(7.6)
Colombia	13.0	(1.2)	31.4	(3.9)	55.5	(3.7)	-2.31	(0.1)	-1.41	(0.1)	-0.93	(0.0)	339	(6.7)	371	(5.8)	389	(4.0)
Costa Rica	23.5	(2.9)	61.7	(3.6)	14.8	(2.6)	-1.55	(0.1)	-0.87	(0.1)	-0.52	(0.1)	388	(5.2)	411	(5.0)	424	(11.2)
Croatia	0.8	(0.6)	62.2	(1.7)	37.0	(1.6)	c	c	-0.49	(0.0)	-0.07	(0.0)	c	c	461	(3.5)	490	(7.7)
Cyprus*	4.0	(0.1)	61.4	(0.1)	34.6	(0.1)	-0.24	(0.0)	-0.05	(0.0)	0.36	(0.0)	420	(4.7)	431	(1.5)	463	(1.7)
Hong Kong-China	0.0	c	0.0	c	100.0	c	c	c	c	c	-0.79	(0.0)	c	c	c	c	563	(3.2)
Indonesia	29.1	(3.5)	50.4	(4.1)	20.5	(3.6)	-2.11	(0.1)	-1.87	(0.1)	-1.18	(0.1)	359	(9.0)	371	(5.3)	407	(9.4)
Jordan	10.4	(1.7)	46.7	(3.4)	42.9	(3.0)	-0.84	(0.1)	-0.52	(0.0)	-0.22	(0.0)	370	(6.3)	373	(4.5)	408	(4.9)
Kazakhstan	32.9	(2.9)	23.9	(3.0)	43.2	(3.2)	-0.59	(0.0)	-0.33	(0.1)	-0.10	(0.0)	420	(4.5)	428	(6.2)	443	(6.1)
Latvia	24.8	(1.6)	44.2	(1.8)	31.0	(1.9)	-0.79	(0.0)	-0.22	(0.0)	0.12	(0.0)	461	(5.1)	493	(3.3)	513	(5.9)
Liechtenstein	0.0	c	100.0	c	0.0	c	c	c	0.30	(0.1)	c	c	c	c	537	(4.1)	c	c
Lithuania	20.0	(1.3)	42.7	(1.5)	37.4	(1.0)	-0.67	(0.0)	-0.15	(0.0)	0.18	(0.0)	442	(4.4)	479	(4.6)	499	(3.8)
Macao-China	0.2	(0.0)	0.0	c	99.8	(0.0)	c	c	c	c	-0.89	(0.0)	c	c	c	c	540	(1.0)
Malaysia	13.4	(2.3)	59.7	(3.8)	26.9	(3.3)	-1.20	(0.1)	-0.77	(0.0)	-0.38	(0.1)	382	(4.6)	419	(4.2)	445	(8.1)
Montenegro	0.0	c	69.7	(0.1)	30.3	(0.1)	c	c	-0.29	(0.0)	-0.14	(0.0)	c	c	406	(1.2)	420	(2.1)
Peru	18.8	(2.4)	40.4	(3.5)	40.9	(3.2)	-2.13	(0.1)	-1.42	(0.1)	-0.64	(0.1)	313	(6.2)	359	(4.7)	402	(6.1)
Qatar	10.1	(0.1)	41.7	(0.1)	48.2	(0.1)	0.18	(0.0)	0.28	(0.0)	0.62	(0.0)	349	(2.0)	354	(1.3)	407	(1.2)
Romania	8.2	(1.4)	57.1	(3.7)	34.7	(3.5)	-1.09	(0.1)	-0.57	(0.0)	-0.15	(0.1)	406	(10.4)	438	(4.8)	466	(8.3)
Russian Federation	20.4	(2.2)	33.2	(2.4)	46.4	(2.6)	-0.53	(0.0)	-0.17	(0.0)	0.13	(0.0)	460	(6.6)	470	(5.7)	501	(4.7)
Serbia	0.4	(0.4)	58.2	(3.6)	41.4	(3.6)	c	c	-0.45	(0.0)	-0.09	(0.1)	c	c	434	(4.6)	470	(7.2)
Shanghai-China	0.0	c	0.0	c	100.0	c	c	c	c	c	-0.36	(0.0)	c	c	c	c	613	(3.3)
Singapore	0.0	c	0.0	c	100.0	c	c	c	c	c	-0.26	(0.0)	c	c	c	c	575	(1.3)
Chinese Taipei	1.7	(0.9)	36.5	(2.9)	61.8	(2.8)	c	c	-0.57	(0.0)	-0.28	(0.0)	c	c	536	(4.9)	578	(4.3)
Thailand	15.7	(2.1)	52.3	(3.5)	32.0	(3.3)	-2.06	(0.1)	-1.47	(0.1)	-0.79	(0.1)	414	(9.8)	417	(4.0)	450	(6.9)
Tunisia	4.4	(1.8)	72.1	(3.3)	23.5	(3.2)	-1.74	(0.2)	-1.32	(0.1)	-0.70	(0.1)	370	(11.7)	383	(4.1)	410	(11.5)
United Arab Emirates	8.0	(1.1)	31.6	(2.3)	60.5	(2.2)	0.04	(0.1)	0.08	(0.0)	0.49	(0.0)	414	(6.4)	409	(5.4)	450	(3.3)
Uruguay	7.1	(1.4)	56.5	(2.8)	36.4	(2.7)	-1.43	(0.1)	-1.08	(0.0)	-0.47	(0.1)	365	(12.0)	397	(3.6)	439	(5.9)
Viet Nam	45.0	(3.1)	30.3	(3.8)	24.7	(3.0)	-2.26	(0.0)	-1.87	(0.1)	-0.92	(0.1)	488	(5.8)	514	(8.1)	550	(11.4)

Note: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 2/2]

Relationship between mathematics performance and school location


Table II.3.3a

Results based on students' self-reports and school principals' reports

	Average performance in mathematics after accounting for ESCS						Difference in mathematics score								
							BEFORE accounting for the PISA index of economic, social and cultural status of students (ESCS)			AFTER accounting for the PISA index of economic, social and cultural status of students (ESCS)					
	Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a town (3 000 to 100 000 people)		Students attending schools located in a city or large city (over 100 000 people)		Students in town schools compared with rural schools		Students in city schools compared with town schools		Students in city schools compared with rural schools		Students in city schools compared with rural schools		
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	
OECD	474 (5.2)		484 (2.5)		504 (1.8)		19 (6.0)		28 (3.4)		47 (5.7)		20 (2.8)		30 (5.3)
Australia	511 (14.5)		502 (4.1)		502 (6.3)		-9 (20.1)		7 (9.9)		-2 (19.8)		0 (8.5)		-10 (16.1)
Austria	477 (27.3)		515 (2.4)		496 (6.5)		41 (35.8)		-21 (10.9)		20 (36.2)		38 (28.2)		-19 (7.6)
Belgium	502 (4.2)		506 (2.1)		509 (2.8)		8 (5.4)		6 (4.0)		14 (6.6)		5 (4.8)		3 (3.5)
Canada	416 (7.9)		446 (3.9)		443 (3.5)		59 (12.3)		14 (7.2)		73 (11.5)		31 (8.3)		-2 (4.9)
Chile	502 (7.1)		500 (4.4)		508 (5.3)		3 (10.3)		17 (9.6)		20 (10.6)		-2 (8.4)		8 (7.4)
Czech Republic	480 (4.2)		487 (2.4)		484 (4.7)		12 (6.3)		-5 (8.5)		8 (10.3)		7 (4.9)		-2 (5.3)
Denmark	517 (4.0)		515 (2.5)		524 (3.7)		9 (4.8)		16 (4.4)		25 (5.7)		-1 (4.8)		8 (4.1)
Estonia	516 (5.4)		508 (2.6)		507 (2.8)		1 (7.1)		7 (4.3)		8 (7.6)		-8 (5.7)		0 (3.8)
Finland	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
France	c	c	511 (3.6)		513 (7.8)		c	c	8 (12.6)		c	c	2 (9.3)		c
Germany	453 (5.9)		452 (2.7)		464 (5.2)		16 (8.5)		23 (8.7)		39 (10.2)		0 (6.6)		12 (6.7)
Greece	444 (17.2)		486 (4.4)		498 (6.1)		76 (23.0)		26 (13.0)		102 (24.2)		41 (17.7)		12 (8.9)
Hungary	463 (3.3)		469 (2.9)		479 (3.3)		18 (4.6)		13 (3.4)		31 (4.7)		8 (4.6)		10 (3.4)
Iceland	504 (2.6)		497 (2.6)		492 (4.4)		-4 (4.6)		-3 (7.7)		-7 (7.2)		-6 (3.7)		-6 (5.1)
Ireland	462 (11.8)		452 (4.8)		469 (7.6)		-23 (17.3)		22 (11.5)		-1 (17.0)		-9 (13.7)		17 (9.1)
Israel	464 (8.1)		488 (2.4)		493 (3.9)		33 (9.2)		12 (5.6)		46 (10.3)		24 (8.3)		5 (4.7)
Italy	c	c	523 (6.3)		548 (4.5)		c	c	34 (10.1)		c	c	c	c	25 (8.8)
Japan	c	c	550 (10.6)		555 (4.1)		c	c	10 (13.5)		c	c	c	c	5 (11.5)
Korea	c	c	488 (1.3)		c	c	c	c	c	c	c	c	c	c	c
Luxembourg	411 (3.5)		433 (2.2)		442 (1.7)		33 (3.7)		25 (3.4)		58 (3.4)		23 (3.9)		13 (2.9)
Mexico	c	c	514 (5.5)		510 (10.0)		c	c	-1 (14.3)		c	c	c	c	-4 (12.9)
Netherlands	479 (5.9)		498 (4.4)		507 (2.5)		34 (8.4)		22 (6.2)		55 (7.0)		21 (7.5)		9 (4.8)
New Zealand	469 (8.3)		477 (2.8)		482 (5.3)		14 (8.7)		8 (6.7)		22 (10.8)		8 (8.3)		4 (5.6)
Norway	520 (3.7)		525 (4.0)		538 (8.6)		19 (5.7)		31 (11.7)		50 (12.0)		6 (4.9)		12 (8.8)
Poland	496 (16.7)		511 (3.0)		495 (7.1)		35 (21.2)		1 (12.1)		36 (23.1)		16 (17.7)		-16 (7.9)
Portugal	466 (8.4)		495 (3.4)		502 (8.2)		54 (11.9)		32 (12.7)		86 (15.3)		29 (9.2)		8 (9.1)
Slovak Republic	432 (12.1)		497 (1.5)		508 (2.8)		65 (12.2)		18 (3.4)		83 (12.4)		65 (11.6)		10 (3.3)
Slovenia	488 (6.1)		490 (2.3)		495 (2.5)		13 (8.5)		14 (4.2)		28 (8.9)		3 (6.7)		6 (3.4)
Spain	466 (4.6)		471 (2.7)		475 (4.7)		12 (5.5)		9 (7.2)		21 (7.7)		6 (5.3)		4 (5.9)
Sweden	526 (6.3)		526 (3.4)		524 (8.3)		9 (6.7)		7 (11.4)		15 (12.2)		0 (7.1)		-2 (9.2)
Switzerland	532 (23.4)		505 (11.2)		486 (6.6)		-24 (33.7)		-16 (14.4)		-40 (32.4)		-28 (24.7)		-19 (11.6)
Turkey	481 (8.3)		485 (3.4)		490 (5.3)		-2 (11.5)		4 (8.0)		2 (10.6)		4 (8.9)		5 (6.4)
United Kingdom	472 (9.0)		481 (4.2)		471 (5.4)		18 (11.1)		-15 (9.6)		3 (11.5)		10 (10.4)		-10 (7.5)
United States	479 (2.0)		494 (0.7)		498 (1.0)		20 (2.6)		11 (1.6)		31 (2.8)		11 (2.1)		4 (1.3)
OECD average															
Partners															
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	406 (11.5)		404 (4.1)		415 (4.0)		16 (13.1)		14 (7.0)		31 (12.8)		1 (11.6)		11 (5.5)
Brazil	417 (10.4)		416 (3.6)		426 (3.7)		13 (9.6)		28 (5.2)		42 (10.9)		4 (9.7)		10 (3.9)
Bulgaria	426 (12.4)		443 (4.1)		467 (5.9)		62 (14.1)		45 (9.0)		107 (15.1)		24 (12.7)		25 (7.1)
Colombia	392 (7.1)		406 (5.5)		411 (3.8)		33 (8.9)		18 (7.2)		50 (7.8)		17 (7.9)		6 (5.6)
Costa Rica	425 (4.2)		431 (4.2)		436 (8.7)		22 (8.1)		13 (13.3)		35 (12.1)		7 (5.8)		5 (10.4)
Croatia	c	c	478 (3.5)		492 (7.1)		c	c	29 (8.7)		c	c	c	c	14 (7.7)
Cyprus*	429 (4.8)		433 (1.5)		450 (1.8)		11 (4.9)		32 (2.3)		43 (4.8)		5 (4.9)		17 (2.4)
Hong Kong-China	c	c	c	c	584 (3.1)		c	c	c	c	c	c	c	c	c
Indonesia	400 (14.2)		409 (7.5)		428 (9.5)		12 (10.3)		36 (11.5)		48 (13.7)		8 (9.6)		25 (10.1)
Jordan	387 (7.1)		384 (4.7)		412 (4.8)		4 (7.7)		34 (7.0)		38 (7.6)		0 (7.6)		28 (6.6)
Kazakhstan	435 (4.6)		437 (6.0)		446 (5.4)		8 (7.8)		15 (9.3)		23 (7.7)		3 (7.6)		9 (8.3)
Latvia	486 (5.2)		501 (2.8)		508 (4.9)		32 (6.4)		19 (6.6)		52 (7.6)		16 (5.8)		8 (5.4)
Liechtenstein	c	c	528 (4.5)		c	c	c	c	c	c	c	c	c	c	c
Lithuania	464 (4.1)		484 (3.8)		493 (3.2)		37 (6.4)		20 (5.9)		57 (5.2)		20 (5.7)		10 (5.1)
Macao-China	c	c	c	c	555 (1.6)		c	c	c	c	c	c	c	c	c
Malaysia	416 (5.0)		442 (4.1)		455 (6.8)		36 (6.3)		26 (9.6)		62 (9.6)		26 (5.5)		15 (7.9)
Montenegro	c	c	416 (1.3)		425 (2.2)		c	c	14 (2.4)		c	c	c	c	9 (2.4)
Peru	375 (7.5)		406 (4.9)		420 (4.4)		46 (7.2)		43 (7.9)		89 (8.5)		30 (6.3)		20 (5.9)
Qatar	344 (2.0)		348 (1.4)		394 (1.2)		6 (2.2)		52 (1.8)		58 (2.4)		4 (2.3)		45 (1.8)
Romania	446 (11.5)		459 (4.0)		471 (6.4)		32 (11.1)		28 (10.2)		59 (13.1)		17 (11.3)		12 (7.4)
Russian Federation	480 (6.6)		476 (5.1)		497 (4.3)		9 (8.7)		32 (7.9)		41 (7.0)		-3 (8.2)		21 (6.8)
Serbia	c	c	448 (4.5)		473 (6.3)		c	c	36 (9.5)		c	c	c	c	25 (8.3)
Shanghai-China	c	c	c	c	627 (2.7)		c	c	c	c	c	c	c	c	c
Singapore	c	c	c	c	587 (1.4)		c	c	c	c	c	c	c	c	c
Chinese Taipei	c	c	568 (3.8)		593 (3.5)		c	c	42 (6.9)		c	c	c	c	26 (5.4)
Thailand	460 (11.7)		448 (5.0)		466 (6.5)		3 (10.6)		34 (8.5)		36 (11.3)		-4 (10.4)		18 (7.0)
Tunisia	408 (13.2)		411 (5.1)		424 (10.6)		12 (12.5)		27 (12.5)		39 (17.4)		5 (12.7)		14 (10.4)
United Arab Emirates	413 (5.3)		407 (4.6)		436 (3.0)		-5 (8.6)		41 (6.4)		36 (7.3)		-6 (7.3)		29 (6.0)
Uruguay	417 (8.8)		436 (3.4)		455 (4.3)		32 (12.6)		42 (7.3)		74 (13.4)		22 (9.8)		21 (5.4)
Viet Nam	547 (7.8)		569 (8.6)		574 (9.0)		25 (10.3)		36 (13.5)		62 (13.0)		16 (9.7)		29 (13.0)

Note: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 1/3]
**Change between 2003 and 2012 in the relationship between mathematics performance
and school location**


Table II.3.3b *Results based on students' self-reports and school principals' reports*

		PISA 2003												
		Percentage of students						Average performance in mathematics						
		Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a town (3 000 to 100 000 people)		Students attending schools located in a city or large city (over 100 000 people)		Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a city or large city (over 100 000 people)				
		%	S.E.	%	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.			
OECD	Australia	6.1	(1.3)	31.1	(2.5)	62.7	(2.5)	490	(10.8)	517	(3.4)	532	(2.7)	
	Austria	13.2	(2.6)	58.0	(4.3)	28.8	(3.3)	465	(8.4)	509	(4.5)	518	(9.5)	
	Belgium	2.8	(1.1)	76.5	(2.7)	20.7	(2.5)	483	(30.6)	535	(3.3)	535	(10.7)	
	Canada	8.8	(0.8)	46.5	(1.7)	44.7	(1.7)	515	(3.5)	534	(2.4)	542	(2.8)	
	Czech Republic	8.4	(1.5)	68.4	(2.6)	23.2	(2.6)	481	(8.3)	519	(3.8)	546	(8.4)	
	Denmark	21.9	(2.7)	65.0	(3.2)	13.0	(2.0)	505	(6.4)	518	(3.0)	522	(9.2)	
	Finland	11.7	(2.1)	67.2	(3.4)	21.2	(2.7)	543	(4.3)	543	(2.0)	550	(5.5)	
	France	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	5.2	(1.4)	63.2	(3.5)	31.6	(3.3)	490	(15.0)	510	(6.1)	517	(9.1)	
	Greece	4.1	(1.1)	71.1	(4.1)	24.8	(3.9)	403	(10.2)	441	(3.8)	465	(9.3)	
	Hungary	2.2	(0.7)	52.9	(3.6)	44.9	(3.5)	363	(14.6)	477	(6.1)	512	(5.9)	
	Iceland	25.7	(0.2)	53.6	(0.2)	20.8	(0.1)	508	(3.2)	516	(2.2)	524	(3.5)	
	Ireland	23.2	(3.6)	46.2	(4.9)	30.6	(4.1)	491	(4.9)	505	(4.1)	508	(7.0)	
	Italy	0.9	(1.0)	68.0	(3.1)	31.1	(3.0)	468	(12.1)	462	(4.5)	474	(7.3)	
	Japan	0.0	c	34.9	(3.7)	65.1	(3.7)	c	c	518	(8.7)	543	(6.6)	
	Korea	1.3	(0.9)	15.1	(1.9)	83.6	(1.7)	c	c	505	(12.0)	551	(3.4)	
	Luxembourg	0.0	c	100.0	c	0.0	c	c	c	493	(1.0)	c	c	
	Mexico	23.3	(2.7)	36.4	(3.1)	40.4	(3.1)	335	(8.4)	379	(4.5)	419	(6.3)	
	Netherlands	0.9	(0.7)	64.8	(4.1)	34.4	(4.2)	c	c	539	(5.2)	548	(8.1)	
	New Zealand	6.2	(1.7)	47.3	(3.2)	46.5	(2.7)	503	(14.5)	521	(3.5)	530	(3.7)	
	Norway	38.5	(3.3)	45.2	(3.9)	16.3	(2.7)	488	(3.8)	495	(3.0)	507	(6.9)	
	Poland	37.5	(1.4)	38.9	(2.4)	23.6	(2.0)	471	(4.8)	493	(3.1)	516	(5.0)	
	Portugal	6.8	(2.1)	73.8	(3.8)	19.5	(3.4)	433	(13.7)	461	(4.5)	498	(7.2)	
	Slovak Republic	10.6	(1.7)	71.9	(2.7)	17.4	(2.4)	447	(9.8)	497	(3.9)	533	(7.3)	
	Spain	4.2	(1.4)	53.2	(3.8)	42.6	(3.6)	474	(7.4)	480	(3.6)	493	(5.1)	
	Sweden	21.0	(2.7)	57.9	(2.8)	21.1	(1.7)	508	(3.9)	510	(3.0)	508	(8.6)	
	Switzerland	15.0	(2.5)	72.4	(3.6)	12.6	(2.4)	516	(6.3)	525	(4.3)	552	(19.2)	
Turkey	0.5	(0.4)	46.3	(4.7)	53.2	(4.7)	c	c	403	(9.0)	443	(9.3)		
United States	10.5	(1.8)	58.7	(2.9)	30.8	(2.6)	485	(5.0)	498	(3.3)	462	(8.2)		
OECD average 2003	11.1	(0.4)	56.6	(0.6)	32.3	(0.6)	472	(2.3)	497	(0.9)	513	(1.5)		
Partners	Brazil	8.7	(1.8)	41.8	(4.2)	49.5	(4.3)	319	(15.3)	342	(8.2)	377	(7.4)	
	Hong Kong-China	0.0	c	0.0	c	100.0	c	c	c	c	c	550	(4.5)	
	Indonesia	31.6	(3.5)	39.4	(3.9)	29.0	(3.1)	335	(6.0)	359	(5.8)	389	(9.5)	
	Latvia	29.1	(3.0)	37.8	(3.3)	33.2	(2.4)	460	(5.6)	492	(5.8)	494	(7.0)	
	Liechtenstein	0.0	c	100.0	c	0.0	c	c	c	536	(4.1)	c	c	
	Macao-China	0.0	c	0.0	c	100.0	c	c	c	c	c	527	(2.9)	
	Russian Federation	13.8	(2.5)	41.1	(3.9)	45.1	(3.5)	439	(9.3)	460	(4.9)	485	(6.4)	
	Thailand	27.0	(2.8)	47.3	(3.9)	25.7	(3.1)	389	(4.8)	412	(4.8)	453	(8.3)	
	Tunisia	4.2	(1.7)	80.0	(3.3)	15.8	(3.1)	315	(7.6)	358	(3.1)	378	(13.6)	
	Uruguay	7.0	(1.4)	50.8	(3.2)	42.2	(3.1)	370	(11.9)	406	(5.3)	450	(6.2)	

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

For comparability over time, PISA 2003 values on the PISA index of economic, social and cultural status have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. ESCS refers to the PISA index of economic, social and cultural status.

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[Part 2/3]

Change between 2003 and 2012 in the relationship between mathematics performance and school location
Table II.3.3b *Results based on students' self-reports and school principals' reports*

	PISA 2012											
	Percentage of students						Average performance in mathematics					
	Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a town (3 000 to 100 000 people)		Students attending schools located in a city or large city (over 100 000 people)		Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a town (3 000 to 100 000 people)		Students attending schools located in a city or large city (over 100 000 people)	
	%	S.E.	%	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD												
Australia	5.9	(0.9)	28.7	(1.2)	65.4	(1.3)	470	(5.4)	489	(2.7)	517	(2.0)
Austria	9.8	(2.3)	54.7	(3.5)	35.5	(3.0)	512	(17.9)	503	(4.6)	510	(7.3)
Belgium	2.6	(1.0)	74.9	(2.8)	22.6	(2.5)	482	(34.7)	523	(3.1)	502	(9.3)
Canada	8.1	(0.8)	37.7	(2.1)	54.2	(2.0)	510	(4.8)	518	(2.3)	524	(3.3)
Czech Republic	7.8	(1.6)	65.5	(3.1)	26.7	(2.9)	491	(8.3)	494	(5.2)	512	(6.9)
Denmark	23.9	(2.7)	60.7	(3.2)	15.3	(2.5)	493	(5.7)	505	(2.9)	501	(7.6)
Finland	7.4	(1.6)	65.7	(2.9)	26.9	(2.5)	517	(6.9)	518	(2.6)	525	(3.1)
France	w	w	w	w	w	w	w	w	w	w	w	w
Germany	1.3	(0.7)	74.3	(3.3)	24.4	(3.2)	c	c	518	(4.5)	526	(10.6)
Greece	8.3	(1.9)	62.3	(3.3)	29.4	(2.9)	432	(7.5)	448	(3.7)	471	(6.7)
Hungary	2.9	(0.7)	58.4	(4.1)	38.7	(4.1)	395	(21.9)	470	(6.0)	496	(8.6)
Iceland	21.7	(0.2)	47.5	(0.2)	30.9	(0.2)	477	(3.4)	495	(2.6)	508	(2.9)
Ireland	22.6	(3.0)	50.8	(3.7)	26.6	(3.1)	506	(3.2)	502	(3.3)	499	(6.3)
Italy	2.4	(0.7)	67.1	(2.0)	30.5	(1.9)	451	(9.1)	484	(2.7)	497	(4.6)
Japan	0.0	c	27.5	(2.8)	72.5	(2.8)	c	c	514	(7.3)	548	(5.0)
Korea	2.4	(0.8)	11.4	(1.8)	86.1	(1.8)	c	c	546	(12.7)	556	(4.6)
Luxembourg	0.5	(0.0)	99.5	(0.0)	0.0	c	c	c	491	(1.2)	c	c
Mexico	15.1	(1.0)	42.0	(1.8)	43.0	(1.7)	375	(2.9)	408	(2.4)	433	(1.9)
Netherlands	0.0	c	72.4	(4.2)	27.6	(4.2)	c	c	521	(5.9)	521	(11.1)
New Zealand	6.3	(1.0)	37.9	(3.5)	55.8	(3.4)	460	(6.4)	494	(5.1)	516	(3.3)
Norway	18.4	(2.0)	60.9	(3.2)	20.7	(2.9)	478	(8.4)	493	(2.9)	501	(6.0)
Poland	32.5	(2.4)	46.8	(2.5)	20.8	(0.8)	498	(3.4)	517	(4.7)	548	(11.4)
Portugal	6.0	(2.1)	72.2	(4.1)	21.9	(3.6)	457	(20.4)	491	(4.3)	492	(10.8)
Slovak Republic	13.6	(1.9)	72.9	(2.8)	13.6	(1.8)	431	(10.6)	486	(4.9)	517	(10.9)
Spain	3.3	(0.6)	58.8	(2.4)	37.9	(2.4)	467	(8.2)	480	(2.4)	495	(3.3)
Sweden	17.8	(2.4)	56.6	(3.0)	25.6	(2.4)	469	(4.7)	481	(3.0)	490	(5.9)
Switzerland	7.9	(1.7)	74.5	(2.9)	17.6	(2.6)	522	(5.5)	531	(4.0)	538	(10.1)
Turkey	2.3	(1.0)	41.3	(4.6)	56.4	(4.4)	480	(31.4)	457	(11.0)	441	(6.3)
United States	10.9	(2.9)	52.4	(4.1)	36.7	(3.6)	473	(9.1)	491	(5.5)	476	(7.0)
OECD average 2003	9.3	(0.3)	56.3	(0.6)	34.4	(0.5)	472	(2.8)	495	(1.0)	507	(1.4)
Partners												
Brazil	1.1	(0.4)	49.5	(2.3)	49.3	(2.3)	365	(9.8)	378	(2.9)	406	(3.7)
Hong Kong-China	0.0	c	0.0	c	100.0	c	c	c	c	c	563	(3.2)
Indonesia	29.1	(3.5)	50.4	(4.1)	20.5	(3.6)	359	(9.0)	371	(5.3)	407	(9.4)
Latvia	24.8	(1.6)	44.2	(1.8)	31.0	(1.9)	461	(5.1)	493	(3.3)	513	(5.9)
Liechtenstein	0.0	c	100.0	c	0.0	c	c	c	537	(4.1)	c	c
Macao-China	0.2	(0.0)	0.0	c	99.8	(0.0)	c	c	c	c	540	(1.0)
Russian Federation	20.4	(2.2)	33.2	(2.4)	46.4	(2.6)	460	(6.6)	470	(5.7)	501	(4.7)
Thailand	15.7	(2.1)	52.3	(3.5)	32.0	(3.3)	414	(9.8)	417	(4.0)	450	(6.9)
Tunisia	4.4	(1.8)	72.1	(3.3)	23.5	(3.2)	370	(11.7)	383	(4.1)	410	(11.5)
Uruguay	7.1	(1.4)	56.5	(2.8)	36.4	(2.7)	365	(12.0)	397	(3.6)	439	(5.9)

Notes: This table was calculated considering only students with data on the *PISA index of economic, social and cultural status*. Values that are statistically significant are indicated in bold (see Annex A3).

For comparability over time, PISA 2003 values on the *PISA index of economic, social and cultural status* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. ESCS refers to the *PISA index of economic, social and cultural status*.

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[Part 3/3]


Change between 2003 and 2012 in the relationship between mathematics performance and school locationTable II.3.3b *Results based on students' self-reports and school principals' reports*

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)											
		Change in average performance in mathematics					Change in average performance in mathematics AFTER accounting for ESCS ¹						
		Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a town (3 000 to 100 000 people)		Students attending schools located in a city or large city (over 100 000 people)		Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a town (3 000 to 100 000 people)		Students attending schools located in a city or large city (over 100 000 people)	
		Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	-20	(12.3)	-27	(4.8)	-15	(3.9)	-29	(10.4)	-35	(4.2)	-23	(3.6)
	Austria	47	(19.8)	-6	(6.7)	-8	(12.2)	27	(17.5)	-16	(5.7)	-24	(9.8)
	Belgium	-1	(46.3)	-13	(4.9)	-33	(14.3)	-23	(29.5)	-24	(3.8)	-32	(9.9)
	Canada	-6	(6.3)	-16	(3.8)	-18	(4.7)	-13	(6.0)	-23	(3.7)	-21	(4.0)
	Czech Republic	10	(11.9)	-24	(6.7)	-34	(11.0)	5	(10.9)	-25	(5.6)	-26	(8.5)
	Denmark	-11	(8.8)	-13	(4.6)	-21	(12.1)	-28	(6.8)	-26	(3.8)	-28	(6.9)
	Finland	-26	(8.3)	-25	(3.8)	-24	(6.6)	-36	(7.5)	-33	(3.7)	-31	(5.6)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	c	c	8	(7.8)	9	(14.2)	c	c	1	(6.3)	1	(8.5)
	Greece	29	(12.7)	7	(5.7)	6	(11.6)	20	(12.1)	-1	(4.6)	-2	(8.7)
	Hungary	31	(26.4)	-7	(8.8)	-16	(10.6)	27	(24.6)	-15	(6.3)	-16	(7.3)
	Iceland	-31	(5.1)	-21	(3.9)	-17	(5.0)	-39	(5.2)	-27	(3.9)	-20	(5.2)
	Ireland	15	(6.1)	-3	(5.6)	-8	(9.6)	2	(5.4)	-16	(4.4)	-25	(5.9)
	Italy	-17	(15.3)	22	(5.6)	23	(8.8)	-16	(12.8)	14	(4.9)	17	(8.1)
	Japan	c	c	-4	(11.5)	5	(8.5)	c	c	-16	(9.8)	-10	(7.5)
	Korea	c	c	41	(17.6)	5	(6.1)	c	c	19	(17.2)	-6	(5.5)
	Luxembourg	c	c	-3	(2.5)	c	c	c	c	-8	(2.5)	c	c
	Mexico	39	(9.1)	29	(5.5)	15	(6.9)	41	(8.0)	28	(5.2)	7	(5.3)
	Netherlands	c	c	-18	(8.1)	-27	(13.9)	c	c	-32	(8.1)	-36	(11.7)
	New Zealand	-42	(16.0)	-27	(6.5)	-14	(5.3)	-42	(14.0)	-33	(5.6)	-25	(4.1)
	Norway	-10	(9.4)	-3	(4.6)	-7	(9.4)	-19	(9.6)	-11	(4.4)	-18	(6.6)
	Poland	28	(6.2)	24	(6.0)	32	(12.6)	20	(5.4)	17	(5.2)	25	(8.7)
	Portugal	23	(24.7)	30	(6.5)	-6	(13.2)	13	(22.6)	17	(5.6)	-15	(8.8)
	Slovak Republic	-15	(14.6)	-12	(6.6)	-16	(13.2)	-21	(11.3)	-16	(4.6)	-21	(10.6)
	Spain	-7	(11.2)	0	(4.7)	2	(6.3)	-9	(9.7)	-9	(4.2)	-10	(4.8)
	Sweden	-39	(6.4)	-29	(4.6)	-18	(10.6)	-43	(6.1)	-35	(4.1)	-28	(6.9)
Switzerland	6	(8.6)	7	(6.2)	-15	(21.7)	-4	(8.4)	-9	(5.5)	-26	(15.3)	
Turkey	c	c	54	(14.4)	-2	(11.4)	c	c	59	(10.6)	15	(8.8)	
United States	-13	(10.6)	-7	(6.7)	14	(11.0)	-18	(10.1)	-11	(5.5)	9	(9.1)	
OECD average 2003	0	(3.5)	-1	(1.4)	-8	(2.1)	-8	(2.8)	-10	(1.2)	-14	(1.5)	
Partners	Brazil	46	(18.2)	36	(8.9)	29	(8.5)	48	(14.3)	30	(7.5)	14	(7.5)
	Hong Kong-China	c	c	c	c	13	(5.8)	c	c	c	c	-1	(5.2)
	Indonesia	24	(11.0)	12	(8.1)	18	(13.5)	24	(9.8)	11	(7.5)	12	(10.7)
	Latvia	0	(7.8)	1	(7.0)	19	(9.3)	4	(7.5)	-3	(6.1)	13	(9.0)
	Liechtenstein	c	c	1	(6.1)	c	c	c	c	-23	(6.8)	c	c
	Macao-China	c	c	c	c	12	(3.6)	c	c	c	c	2	(3.6)
	Russian Federation	21	(11.6)	9	(7.8)	17	(8.2)	7	(13.0)	-7	(7.0)	1	(7.3)
	Thailand	25	(11.0)	4	(6.5)	-3	(11.0)	27	(11.6)	-4	(6.3)	-13	(9.0)
	Tunisia	55	(14.1)	25	(5.5)	31	(17.9)	53	(15.1)	15	(5.5)	23	(14.2)
	Uruguay	-6	(17.0)	-9	(6.7)	-11	(8.7)	-8	(14.3)	-5	(5.5)	-10	(6.1)

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

For comparability over time, PISA 2003 values on the PISA index of economic, social and cultural status have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. ESCS refers to the PISA index of economic, social and cultural status.

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[Part 1/2]
Mathematics performance and immigrant background
Results based on students' self-reports

Table II.3.4a

	Percentage of students				PISA index of economic, social and cultural status (ESCS)				Mathematics performance				Difference in mathematics performance between non-immigrant and immigrant students	
	Non-immigrant		Immigrant		Non-immigrant		Immigrant		Non-immigrant		Immigrant			
	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD														
Australia	77.3	(0.7)	22.7	(0.7)	0.28	(0.01)	0.21	(0.02)	503	(1.5)	528	(3.8)	-26	(3.6)
Austria	83.6	(1.1)	16.4	(1.1)	0.19	(0.02)	-0.49	(0.05)	517	(2.7)	457	(4.9)	59	(5.2)
Belgium	84.9	(0.9)	15.1	(0.9)	0.23	(0.02)	-0.29	(0.06)	530	(2.1)	455	(5.2)	75	(5.0)
Canada	70.5	(1.3)	29.5	(1.3)	0.45	(0.02)	0.32	(0.04)	522	(1.8)	520	(4.2)	2	(4.4)
Chile	99.1	(0.2)	0.9	(0.2)	-0.58	(0.04)	-0.27	(0.17)	424	(3.0)	422	(14.1)	1	(13.3)
Czech Republic	96.8	(0.4)	3.2	(0.4)	-0.06	(0.02)	-0.16	(0.07)	501	(2.8)	475	(12.2)	26	(11.8)
Denmark	91.1	(0.6)	8.9	(0.6)	0.49	(0.02)	-0.23	(0.04)	508	(2.2)	442	(3.2)	66	(3.6)
Estonia	91.8	(0.5)	8.2	(0.5)	0.11	(0.01)	0.09	(0.05)	524	(2.0)	494	(5.9)	30	(5.8)
Finland	96.7	(0.2)	3.3	(0.2)	0.39	(0.02)	-0.26	(0.04)	523	(1.9)	439	(5.0)	85	(5.0)
France	85.2	(1.1)	14.8	(1.1)	0.05	(0.02)	-0.53	(0.04)	508	(2.7)	441	(6.0)	67	(6.9)
Germany	86.9	(0.8)	13.1	(0.8)	0.30	(0.03)	-0.41	(0.04)	528	(3.2)	475	(5.5)	54	(6.0)
Greece	89.5	(0.8)	10.5	(0.8)	0.00	(0.03)	-0.68	(0.04)	459	(2.6)	408	(5.9)	51	(6.4)
Hungary	98.3	(0.2)	1.7	(0.2)	-0.26	(0.03)	0.12	(0.10)	478	(3.1)	508	(14.1)	-31	(13.3)
Iceland	96.5	(0.3)	3.5	(0.3)	0.81	(0.01)	0.09	(0.08)	498	(1.8)	445	(8.5)	52	(8.6)
Ireland	89.9	(0.7)	10.1	(0.7)	0.12	(0.02)	0.18	(0.06)	503	(2.3)	501	(4.6)	2	(4.8)
Israel	81.7	(1.2)	18.3	(1.2)	0.21	(0.03)	0.04	(0.06)	470	(4.6)	477	(6.9)	-7	(5.7)
Italy	92.5	(0.3)	7.5	(0.3)	-0.01	(0.01)	-0.55	(0.03)	490	(2.0)	442	(3.3)	48	(3.5)
Japan	99.7	(0.1)	0.3	(0.1)	-0.07	(0.02)	c	c	539	(3.5)	c	c	c	c
Korea	100.0	(0.0)	0.0	(0.0)	0.01	(0.03)	c	c	555	(4.6)	c	c	c	c
Luxembourg	53.6	(0.7)	46.4	(0.7)	0.47	(0.01)	-0.39	(0.02)	511	(1.7)	470	(2.3)	40	(3.3)
Mexico	98.7	(0.1)	1.3	(0.1)	-1.10	(0.02)	-1.46	(0.14)	416	(1.3)	343	(5.7)	73	(5.5)
Netherlands	89.4	(1.0)	10.6	(1.0)	0.31	(0.02)	-0.31	(0.05)	531	(3.4)	474	(7.5)	57	(7.1)
New Zealand	73.7	(1.5)	26.3	(1.5)	0.05	(0.02)	0.02	(0.04)	503	(2.7)	503	(4.7)	0	(5.4)
Norway	90.6	(0.9)	9.4	(0.9)	0.52	(0.02)	-0.08	(0.05)	496	(2.8)	450	(6.1)	46	(6.6)
Poland	99.8	(0.1)	0.2	(0.1)	-0.21	(0.03)	c	c	518	(3.6)	c	c	c	c
Portugal	93.1	(0.6)	6.9	(0.6)	-0.47	(0.05)	-0.62	(0.10)	493	(3.7)	449	(7.2)	44	(7.2)
Slovak Republic	99.3	(0.2)	0.7	(0.2)	-0.18	(0.03)	-0.18	(0.17)	484	(3.4)	489	(21.2)	-5	(21.1)
Slovenia	91.4	(0.4)	8.6	(0.4)	0.12	(0.01)	-0.50	(0.05)	506	(1.2)	456	(4.8)	51	(5.0)
Spain	90.1	(0.6)	9.9	(0.6)	-0.14	(0.03)	-0.64	(0.04)	491	(1.7)	439	(4.6)	52	(4.3)
Sweden	85.5	(0.9)	14.5	(0.9)	0.36	(0.02)	-0.21	(0.05)	490	(2.3)	432	(4.9)	58	(5.1)
Switzerland	75.9	(0.9)	24.1	(0.9)	0.34	(0.02)	-0.34	(0.04)	548	(3.0)	484	(3.9)	63	(3.2)
Turkey	99.1	(0.2)	0.9	(0.2)	-1.46	(0.04)	-1.21	(0.20)	449	(4.8)	452	(30.9)	-3	(31.1)
United Kingdom	87.3	(1.1)	12.7	(1.1)	0.28	(0.02)	0.19	(0.06)	499	(2.8)	489	(8.2)	9	(7.9)
United States	78.5	(2.0)	21.5	(2.0)	0.34	(0.03)	-0.40	(0.08)	487	(3.6)	474	(6.2)	13	(5.9)
OECD average	88.8	(0.1)	11.2	(0.1)	0.06	(0.00)	-0.29	(0.01)	500	(0.5)	462	(1.7)	34	(1.7)
Partners														
Albania	0.0	c	0.0	c	m	m	m	m	m	m	m	m	c	c
Argentina	96.1	(0.4)	3.9	(0.4)	-0.68	(0.04)	-1.45	(0.09)	392	(3.4)	355	(7.1)	37	(6.7)
Brazil	99.3	(0.1)	0.7	(0.1)	-1.16	(0.02)	-0.88	(0.21)	394	(2.1)	338	(11.4)	56	(11.0)
Bulgaria	99.5	(0.2)	0.5	(0.2)	-0.27	(0.04)	c	c	442	(3.9)	c	c	c	c
Colombia	99.7	(0.1)	0.3	(0.1)	-1.26	(0.04)	-1.36	(0.30)	378	(2.9)	309	(13.1)	69	(13.0)
Costa Rica	94.5	(0.7)	5.5	(0.7)	-0.94	(0.04)	-1.60	(0.15)	409	(2.9)	380	(9.9)	29	(9.6)
Croatia	87.9	(0.8)	12.1	(0.8)	-0.30	(0.02)	-0.59	(0.04)	474	(3.6)	455	(5.4)	19	(5.2)
Cyprus*	91.5	(0.4)	8.5	(0.4)	0.10	(0.01)	-0.07	(0.04)	444	(1.2)	424	(4.7)	21	(5.0)
Hong Kong-China	65.3	(1.5)	34.7	(1.5)	-0.56	(0.06)	-1.22	(0.03)	566	(3.7)	559	(3.8)	8	(4.4)
Indonesia	99.8	(0.1)	0.2	(0.1)	-1.80	(0.05)	c	c	376	(4.0)	c	c	c	c
Jordan	86.6	(0.7)	13.4	(0.7)	-0.47	(0.02)	-0.19	(0.05)	388	(2.8)	410	(5.1)	-22	(4.4)
Kazakhstan	83.9	(1.7)	16.1	(1.7)	-0.29	(0.02)	-0.46	(0.05)	433	(3.1)	427	(5.8)	7	(5.8)
Latvia	95.5	(0.5)	4.5	(0.5)	-0.26	(0.03)	-0.13	(0.09)	492	(2.8)	486	(8.1)	6	(7.8)
Liechtenstein	66.7	(2.9)	33.3	(2.9)	0.44	(0.05)	0.02	(0.11)	554	(5.6)	504	(8.6)	50	(11.5)
Lithuania	98.3	(0.3)	1.7	(0.3)	-0.13	(0.02)	-0.11	(0.10)	480	(2.7)	479	(9.3)	1	(9.8)
Macao-China	34.9	(0.6)	65.1	(0.6)	-0.69	(0.02)	-0.99	(0.01)	530	(2.1)	545	(1.3)	-16	(2.8)
Malaysia	98.3	(0.3)	1.7	(0.3)	-0.71	(0.03)	-1.33	(0.13)	423	(3.2)	402	(8.5)	21	(8.9)
Montenegro	94.2	(0.4)	5.8	(0.4)	-0.26	(0.01)	-0.12	(0.05)	410	(1.2)	431	(6.2)	-21	(6.5)
Peru	99.5	(0.1)	0.5	(0.1)	-1.22	(0.05)	-1.35	(0.21)	370	(3.6)	280	(23.0)	90	(22.5)
Qatar	48.0	(0.4)	52.0	(0.4)	0.42	(0.01)	0.45	(0.01)	335	(1.1)	424	(1.3)	-89	(1.7)
Romania	99.8	(0.1)	0.2	(0.1)	-0.47	(0.04)	c	c	445	(3.8)	c	c	c	c
Russian Federation	89.1	(0.8)	10.9	(0.8)	-0.10	(0.02)	-0.17	(0.05)	486	(3.2)	464	(4.3)	22	(4.5)
Serbia	91.5	(0.8)	8.5	(0.8)	-0.30	(0.02)	-0.29	(0.06)	449	(3.4)	464	(7.0)	-15	(6.2)
Shanghai-China	99.1	(0.2)	0.9	(0.2)	-0.35	(0.04)	-1.05	(0.19)	615	(3.2)	489	(15.2)	126	(14.6)
Singapore	81.7	(0.8)	18.3	(0.8)	-0.34	(0.01)	0.12	(0.04)	570	(1.6)	596	(3.6)	-26	(4.3)
Chinese Taipei	99.5	(0.1)	0.5	(0.1)	-0.39	(0.02)	-0.92	(0.17)	562	(3.3)	530	(23.6)	32	(23.1)
Thailand	99.3	(0.4)	0.7	(0.4)	-1.34	(0.04)	-3.24	(0.13)	428	(3.3)	411	(57.1)	17	(56.4)
Tunisia	99.6	(0.1)	0.4	(0.1)	-1.19	(0.05)	c	c	389	(4.0)	c	c	c	c
United Arab Emirates	45.1	(1.4)	54.9	(1.4)	0.27	(0.03)	0.37	(0.02)	400	(2.4)	466	(2.6)	-66	(3.1)
Uruguay	99.5	(0.1)	0.5	(0.1)	-0.88	(0.03)	c	c	412	(2.6)	c	c	c	c
Viet Nam	99.9	(0.1)	0.1	(0.1)	-1.81	(0.05)	c	c	512	(4.8)	c	c	c	c

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are students whose parents were born in a country/economy other than the country/economy of assessment.

* See notes at the beginning of this Annex.

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[Part 2/2]
Mathematics performance and immigrant background
Results based on students' self-reports


Table II.3.4a

	Difference in mathematics performance between non-immigrant and immigrant students AFTER accounting for socio-economic status		Increased likelihood of immigrant students scoring in the bottom quarter of the mathematics performance distribution		Population relevance of immigrant students scoring in the bottom quarter of the mathematics performance distribution		Effect size in mathematics performance for immigrant background (positive number implies an advantage for non-immigrant students)		Increased likelihood of non-immigrant students scoring in the bottom quarter of the mathematics performance distribution		Population relevance of non-immigrant students scoring in the bottom quarter of the mathematics performance distribution	
	Score dif.	S.E.	Ratio	S.E.	%	S.E.	Effect size	S.E.	Ratio	S.E.	%	S.E.
OECD												
Australia	-29	(3.4)	0.80	(0.04)	-4.8	(1.0)	0.27	(0.03)	1.25	(0.06)	16.3	(3.4)
Austria	33	(4.9)	2.16	(0.16)	16.0	(1.8)	-0.66	(0.06)	0.46	(0.03)	-81.6	(9.8)
Belgium	52	(3.9)	2.37	(0.15)	17.2	(1.8)	-0.78	(0.05)	0.42	(0.03)	-96.6	(8.5)
Canada	-2	(3.9)	1.07	(0.07)	2.1	(2.0)	-0.02	(0.05)	0.93	(0.06)	-5.1	(4.8)
Chile	12	(11.1)	1.04	(0.33)	0.0	(0.3)	-0.02	(0.16)	0.98	(0.30)	-3.8	(32.2)
Czech Republic	20	(11.4)	1.34	(0.23)	1.1	(0.8)	-0.25	(0.11)	0.75	(0.13)	-32.5	(21.9)
Denmark	40	(3.2)	2.43	(0.15)	11.2	(1.3)	-0.84	(0.05)	0.41	(0.03)	-115.5	(10.6)
Estonia	30	(5.2)	1.53	(0.14)	4.1	(1.1)	-0.38	(0.07)	0.65	(0.06)	-46.5	(12.0)
Finland	65	(4.6)	2.65	(0.11)	5.2	(0.4)	-0.99	(0.05)	0.38	(0.02)	-151.5	(9.7)
France	37	(6.4)	2.31	(0.20)	16.2	(2.5)	-0.71	(0.08)	0.43	(0.04)	-93.6	(11.4)
Germany	25	(5.6)	1.86	(0.16)	10.1	(1.8)	-0.57	(0.06)	0.54	(0.05)	-66.9	(11.3)
Greece	28	(6.4)	1.93	(0.19)	8.9	(1.8)	-0.61	(0.08)	0.52	(0.05)	-76.1	(13.9)
Hungary	-13	(13.2)	0.66	(0.25)	-0.6	(0.4)	0.33	(0.14)	1.59	(0.65)	34.1	(24.4)
Iceland	31	(8.4)	1.83	(0.22)	2.8	(0.8)	-0.58	(0.10)	0.55	(0.07)	-78.1	(19.6)
Ireland	4	(4.5)	1.04	(0.11)	0.4	(1.1)	-0.02	(0.06)	0.97	(0.10)	-3.1	(9.6)
Israel	-16	(4.8)	0.81	(0.09)	-3.5	(1.9)	0.07	(0.06)	1.23	(0.16)	15.8	(8.2)
Italy	32	(3.3)	1.84	(0.09)	5.9	(0.6)	-0.52	(0.04)	0.54	(0.03)	-73.0	(7.5)
Japan	c	c	c	c	c	c	c	c	c	c	c	c
Korea	c	c	c	c	c	c	c	c	c	c	c	c
Luxembourg	10	(3.3)	1.98	(0.13)	31.2	(2.9)	-0.44	(0.04)	0.51	(0.03)	-36.1	(3.3)
Mexico	66	(4.3)	2.70	(0.16)	2.2	(0.3)	-1.02	(0.09)	0.37	(0.02)	-163.7	(15.6)
Netherlands	35	(7.2)	1.96	(0.19)	9.2	(1.7)	-0.65	(0.07)	0.51	(0.04)	-77.6	(13.8)
New Zealand	-2	(4.4)	1.17	(0.13)	4.4	(3.1)	0.00	(0.05)	0.85	(0.09)	-12.2	(8.4)
Norway	29	(6.6)	1.99	(0.15)	8.5	(1.5)	-0.52	(0.08)	0.50	(0.04)	-82.0	(11.0)
Poland	c	c	c	c	c	c	c	c	c	c	c	c
Portugal	39	(7.8)	1.88	(0.19)	5.7	(1.2)	-0.47	(0.08)	0.53	(0.05)	-76.9	(15.4)
Slovak Republic	-6	(18.8)	1.24	(0.35)	0.2	(0.3)	0.05	(0.20)	0.81	(0.21)	-24.2	(34.5)
Slovenia	26	(4.6)	1.93	(0.16)	7.4	(1.2)	-0.58	(0.06)	0.52	(0.04)	-78.5	(12.2)
Spain	36	(4.3)	2.00	(0.12)	9.0	(1.2)	-0.62	(0.05)	0.50	(0.03)	-82.4	(9.3)
Sweden	40	(4.9)	2.11	(0.16)	13.9	(2.1)	-0.66	(0.06)	0.47	(0.04)	-81.9	(9.6)
Switzerland	42	(3.0)	2.30	(0.10)	23.9	(1.5)	-0.70	(0.03)	0.43	(0.02)	-75.1	(4.6)
Turkey	5	(27.3)	1.48	(0.46)	0.4	(0.5)	0.03	(0.29)	0.69	(0.20)	-46.9	(45.5)
United Kingdom	6	(6.2)	1.30	(0.13)	3.7	(1.6)	-0.10	(0.08)	0.77	(0.08)	-25.6	(10.7)
United States	-15	(4.9)	1.26	(0.12)	5.3	(2.3)	-0.14	(0.07)	0.79	(0.08)	-19.6	(8.5)
OECD average	21	(1.5)	1.71	(0.03)	7.0	(0.3)	-0.39	(0.02)	0.67	(0.03)	-56.1	(3.0)
Partners												
Albania	m	m	c	c	c	c	c	c	c	c	c	c
Argentina	17	(6.3)	1.54	(0.23)	2.1	(0.8)	-0.50	(0.08)	0.65	(0.10)	-51.0	(21.2)
Brazil	63	(11.7)	2.27	(0.29)	0.9	(0.3)	-0.71	(0.16)	0.44	(0.06)	-124.5	(28.2)
Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c
Colombia	67	(13.0)	2.44	(0.57)	0.5	(0.3)	-1.05	(0.20)	0.41	(0.09)	-143.3	(56.5)
Costa Rica	14	(6.7)	1.79	(0.26)	4.2	(1.6)	-0.42	(0.13)	0.56	(0.10)	-71.4	(22.5)
Croatia	9	(4.8)	1.23	(0.11)	2.7	(1.4)	-0.22	(0.06)	0.81	(0.08)	-20.0	(9.3)
Cyprus*	14	(4.6)	1.46	(0.12)	3.8	(1.0)	-0.22	(0.05)	0.68	(0.05)	-40.7	(10.1)
Hong Kong-China	-11	(3.8)	1.16	(0.09)	5.2	(3.0)	-0.08	(0.05)	0.86	(0.08)	-9.8	(5.8)
Indonesia	c	c	c	c	c	c	c	c	c	c	c	c
Jordan	-15	(3.9)	0.69	(0.10)	-4.4	(1.6)	0.29	(0.06)	1.47	(0.25)	28.2	(9.8)
Kazakhstan	2	(5.3)	1.13	(0.11)	2.0	(1.7)	-0.09	(0.08)	0.89	(0.08)	-10.6	(8.5)
Latvia	10	(7.7)	1.16	(0.21)	0.7	(1.0)	-0.07	(0.09)	0.87	(0.14)	-14.8	(19.7)
Liechtenstein	40	(11.9)	2.20	(0.54)	28.3	(9.6)	-0.55	(0.14)	0.46	(0.12)	-56.7	(18.7)
Lithuania	2	(9.3)	0.99	(0.30)	0.0	(0.5)	-0.01	(0.11)	1.06	(0.38)	1.0	(29.6)
Macao-China	-22	(2.8)	0.79	(0.05)	-16.0	(4.0)	0.17	(0.03)	1.27	(0.07)	8.6	(2.1)
Malaysia	2	(9.9)	1.27	(0.27)	0.5	(0.5)	-0.28	(0.12)	0.79	(0.16)	-26.6	(26.2)
Montenegro	-16	(6.0)	0.67	(0.14)	-2.0	(0.8)	0.26	(0.08)	1.51	(0.33)	31.6	(13.7)
Peru	86	(20.8)	2.89	(0.41)	1.0	(0.3)	-0.97	(0.29)	0.35	(0.05)	-185.8	(40.2)
Qatar	-88	(1.6)	0.30	(0.01)	-56.8	(1.7)	1.02	(0.02)	3.30	(0.14)	52.5	(1.6)
Romania	c	c	c	c	c	c	c	c	c	c	c	c
Russian Federation	19	(4.4)	1.32	(0.11)	3.3	(1.0)	-0.26	(0.05)	0.76	(0.06)	-27.3	(9.0)
Serbia	-14	(5.6)	0.85	(0.12)	-1.3	(1.0)	0.16	(0.07)	1.18	(0.15)	13.8	(10.9)
Shanghai-China	98	(14.7)	3.06	(0.28)	1.9	(0.4)	-1.33	(0.17)	0.33	(0.03)	-200.5	(26.8)
Singapore	-7	(4.6)	0.67	(0.05)	-6.4	(1.1)	0.26	(0.04)	1.50	(0.11)	28.8	(4.6)
Chinese Taipei	1	(20.1)	1.49	(0.39)	0.2	(0.2)	-0.28	(0.21)	0.68	(0.26)	-48.4	(39.0)
Thailand	-26	(53.6)	1.78	(0.68)	0.5	(0.7)	-0.17	(0.57)	0.58	(0.24)	-77.4	(67.0)
Tunisia	c	c	c	c	c	c	c	c	c	c	c	c
United Arab Emirates	-63	(3.1)	0.41	(0.03)	-48.1	(3.8)	0.81	(0.04)	2.45	(0.16)	39.5	(2.7)
Uruguay	c	c	c	c	c	c	c	c	c	c	c	c
Viet Nam	c	c	c	c	c	c	c	c	c	c	c	c

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are students whose parents were born in a country/economy other than the country/economy of assessment.

* See notes at the beginning of this Annex.

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[Part 1/3]

Change between 2003 and 2012 in the relationship between mathematics performance and immigrant background


Table II.3.4b
Results based on students' self-reports

	PISA 2003															
	Percentage of students				Average performance in mathematics				PISA index of economic, social and cultural status (ESCS)				Difference in mathematics performance between non-immigrant and immigrant students		Difference in mathematics performance between non-immigrant and immigrant students AFTER accounting for socio-economic status	
	Non-immigrant		Immigrant		Non-immigrant		Immigrant		Non-immigrant		Immigrant					
	%	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean index	S.E.	Mean index	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	77.3 (1.1)	22.7 (1.1)	527 (2.1)	523 (4.2)	0.08 (0.02)	-0.05 (0.04)	3 (4.1)	-1 (3.5)							
	Austria	86.9 (1.0)	13.1 (1.0)	516 (3.2)	456 (5.1)	-0.18 (0.03)	-0.77 (0.05)	60 (5.5)	37 (5.3)							
	Belgium	88.2 (0.9)	11.8 (0.9)	546 (2.5)	446 (6.9)	0.06 (0.02)	-0.66 (0.06)	100 (7.0)	67 (6.0)							
	Canada	79.9 (1.1)	20.1 (1.1)	537 (1.6)	536 (3.8)	0.21 (0.02)	0.26 (0.04)	1 (3.9)	2 (3.6)							
	Czech Republic	98.7 (0.2)	1.3 (0.2)	523 (3.2)	487 (13.7)	-0.05 (0.02)	-0.31 (0.11)	36 (13.8)	24 (14.1)							
	Denmark	93.5 (0.8)	6.5 (0.8)	520 (2.5)	452 (8.3)	0.13 (0.03)	-0.51 (0.09)	68 (8.0)	44 (7.6)							
	Finland	98.1 (0.2)	1.9 (0.2)	546 (1.9)	473 (10.5)	0.06 (0.02)	-0.14 (0.11)	73 (10.6)	68 (9.4)							
	France	85.7 (1.3)	14.3 (1.3)	520 (2.4)	466 (6.6)	-0.20 (0.03)	-0.99 (0.06)	54 (7.0)	22 (5.7)							
	Germany	84.6 (1.1)	15.4 (1.1)	525 (3.5)	444 (6.4)	0.20 (0.03)	-0.91 (0.06)	81 (6.9)	38 (6.4)							
	Greece	92.6 (0.6)	7.4 (0.6)	449 (3.9)	406 (6.2)	-0.27 (0.05)	-0.72 (0.06)	43 (6.2)	28 (5.9)							
	Hungary	97.7 (0.2)	2.3 (0.2)	491 (3.0)	486 (10.5)	-0.31 (0.02)	-0.33 (0.10)	5 (10.2)	4 (8.7)							
	Iceland	99.0 (0.2)	1.0 (0.2)	517 (1.4)	482 (13.3)	0.55 (0.01)	0.31 (0.22)	35 (13.4)	29 (14.6)							
	Ireland	96.5 (0.3)	3.5 (0.3)	503 (2.4)	499 (10.2)	-0.27 (0.03)	0.10 (0.10)	4 (10.3)	18 (9.3)							
	Italy	97.9 (0.3)	2.1 (0.3)	468 (3.0)	445 (12.6)	-0.27 (0.03)	-0.44 (0.11)	22 (11.9)	17 (11.3)							
	Japan	99.9 (0.0)	0.1 (0.0)	535 (4.0)	c c	-0.41 (0.02)	c c	c c	c c							
	Korea	100.0 (0.0)	0.0 (0.0)	543 (3.2)	c c	-0.36 (0.03)	c c	c c	c c							
	Luxembourg	66.7 (0.6)	33.3 (0.6)	507 (1.3)	469 (2.2)	0.15 (0.01)	-0.56 (0.03)	38 (2.8)	15 (2.9)							
	Mexico	97.7 (0.3)	2.3 (0.3)	392 (3.6)	301 (12.6)	-1.27 (0.05)	-1.87 (0.11)	92 (12.1)	75 (11.5)							
	Netherlands	89.0 (1.4)	11.0 (1.4)	551 (3.0)	485 (8.2)	0.00 (0.03)	-0.70 (0.07)	66 (9.0)	41 (7.4)							
	New Zealand	80.2 (1.1)	19.8 (1.1)	528 (2.6)	514 (5.3)	-0.11 (0.02)	-0.23 (0.04)	14 (6.0)	9 (4.8)							
	Norway	94.4 (0.7)	5.6 (0.7)	499 (2.3)	447 (7.7)	0.21 (0.02)	-0.15 (0.07)	52 (7.6)	38 (6.9)							
	Poland	100.0 (0.0)	0.0 (0.0)	491 (2.5)	c c	-0.41 (0.02)	c c	c c	c c							
	Portugal	95.0 (1.4)	5.0 (1.4)	470 (2.9)	409 (19.3)	-0.91 (0.05)	-0.87 (0.11)	61 (19.1)	62 (17.1)							
	Slovak Republic	99.1 (0.2)	0.9 (0.2)	499 (3.2)	435 (21.3)	-0.24 (0.03)	-0.36 (0.14)	64 (20.0)	58 (19.5)							
	Spain	96.6 (0.4)	3.4 (0.4)	487 (2.4)	442 (10.9)	-0.50 (0.04)	-0.79 (0.10)	45 (10.5)	38 (9.4)							
	Sweden	88.5 (0.9)	11.5 (0.9)	517 (2.2)	454 (8.5)	0.16 (0.02)	-0.42 (0.07)	64 (8.3)	44 (7.4)							
	Switzerland	80.0 (0.9)	20.0 (0.9)	543 (3.3)	467 (4.7)	-0.08 (0.03)	-0.79 (0.04)	76 (4.5)	51 (4.2)							
	Turkey	99.0 (0.2)	1.0 (0.2)	425 (6.7)	392 (25.3)	-1.15 (0.06)	-1.04 (0.26)	33 (24.7)	38 (19.0)							
	United States	85.6 (1.0)	14.4 (1.0)	490 (2.8)	462 (6.5)	0.15 (0.03)	-0.39 (0.08)	28 (6.3)	6 (4.9)							
	OECD average 2003	91.3 (0.1)	8.7 (0.1)	506 (0.6)	457 (2.2)	-0.17 (0.01)	-0.51 (0.02)	47 (2.1)	33 (1.9)							
Partners	Brazil	99.2 (0.2)	0.8 (0.2)	359 (4.7)	c c	-1.55 (0.05)	c c	c c	c c							
	Hong Kong-China	56.7 (1.4)	43.3 (1.4)	557 (4.5)	545 (4.8)	-1.06 (0.04)	-1.55 (0.03)	12 (3.6)	-2 (3.6)							
	Indonesia	99.7 (0.1)	0.3 (0.1)	363 (4.0)	c c	-1.86 (0.04)	c c	c c	c c							
	Latvia	90.6 (0.9)	9.4 (0.9)	484 (3.8)	482 (6.1)	-0.37 (0.03)	-0.14 (0.05)	3 (5.7)	10 (5.2)							
	Liechtenstein	82.9 (2.0)	17.1 (2.0)	545 (5.0)	494 (13.9)	-0.20 (0.04)	-0.87 (0.16)	51 (15.9)	20 (15.7)							
	Macao-China	23.9 (1.4)	76.1 (1.4)	528 (5.9)	528 (3.6)	-1.29 (0.08)	-1.69 (0.03)	-1 (7.3)	-6 (7.3)							
	Russian Federation	86.5 (0.7)	13.5 (0.7)	472 (4.4)	454 (5.1)	-0.59 (0.03)	-0.66 (0.05)	17 (4.8)	15 (4.5)							
	Thailand	99.9 (0.1)	0.1 (0.1)	419 (3.0)	c c	-1.86 (0.04)	c c	c c	c c							
	Tunisia	99.7 (0.1)	0.3 (0.1)	360 (2.5)	c c	-1.69 (0.04)	c c	c c	c c							
	Uruguay	99.2 (0.2)	0.8 (0.2)	423 (3.2)	424 (20.1)	-0.76 (0.04)	-0.39 (0.23)	-1 (19.3)	12 (19.5)							

Notes: This table was calculated considering only students with data on the *PISA index of economic, social and cultural status*. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are students whose parents were born in a country/economy other than the country/economy of assessment.

For comparability over time, PISA 2003 values on the *PISA index of economic, social and cultural status* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

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[Part 2/3]


Change between 2003 and 2012 in the relationship between mathematics performance and immigrant backgroundTable II.3.4b *Results based on students' self-reports*

	PISA 2012														Difference in mathematics performance between non-immigrant and immigrant students		Difference in mathematics performance between non-immigrant and immigrant students AFTER accounting for socio-economic status	
	Percentage of students				Average performance in mathematics				PISA index of economic, social and cultural status (ESCS)									
	Non-immigrant		Immigrant		Non-immigrant		Immigrant		Non-immigrant		Immigrant		Score dif.	S.E.	Score dif.	S.E.		
	%	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean index	S.E.	Mean index	S.E.						
OECD	Australia	77.3	(0.7)	22.7	(0.7)	503	(1.5)	528	(3.8)	0.28	(0.01)	0.21	(0.02)	-26	(3.6)	-29	(3.4)	
	Austria	83.6	(1.1)	16.4	(1.1)	517	(2.7)	457	(4.9)	0.19	(0.02)	-0.49	(0.05)	59	(5.2)	33	(4.9)	
	Belgium	84.9	(0.9)	15.1	(0.9)	530	(2.1)	455	(5.2)	0.23	(0.02)	-0.29	(0.06)	75	(5.0)	52	(3.9)	
	Canada	70.5	(1.3)	29.5	(1.3)	522	(1.8)	520	(4.2)	0.45	(0.02)	0.32	(0.04)	2	(4.4)	-2	(3.9)	
	Czech Republic	96.8	(0.4)	3.2	(0.4)	501	(2.8)	475	(12.2)	-0.06	(0.02)	-0.16	(0.07)	26	(11.8)	20	(11.4)	
	Denmark	91.1	(0.6)	8.9	(0.6)	508	(2.2)	442	(3.2)	0.49	(0.02)	-0.23	(0.04)	66	(3.6)	40	(3.2)	
	Finland	96.7	(0.2)	3.3	(0.2)	523	(1.9)	439	(5.0)	0.39	(0.02)	-0.26	(0.04)	85	(5.0)	65	(4.6)	
	France	85.2	(1.1)	14.8	(1.1)	508	(2.7)	441	(6.0)	0.05	(0.02)	-0.53	(0.04)	67	(6.9)	37	(6.4)	
	Germany	86.9	(0.8)	13.1	(0.8)	528	(3.2)	475	(5.5)	0.30	(0.03)	-0.41	(0.04)	54	(6.0)	25	(5.6)	
	Greece	89.5	(0.8)	10.5	(0.8)	459	(2.6)	408	(5.9)	0.00	(0.03)	-0.68	(0.04)	51	(6.4)	28	(6.4)	
	Hungary	98.3	(0.2)	1.7	(0.2)	478	(3.1)	508	(14.1)	-0.26	(0.03)	0.12	(0.10)	-31	(13.3)	-13	(13.2)	
	Iceland	96.5	(0.3)	3.5	(0.3)	498	(1.8)	445	(8.5)	0.81	(0.01)	0.09	(0.08)	52	(8.6)	31	(8.4)	
	Ireland	89.9	(0.7)	10.1	(0.7)	503	(2.3)	501	(4.6)	0.12	(0.02)	0.18	(0.06)	2	(4.8)	4	(4.5)	
	Italy	92.5	(0.3)	7.5	(0.3)	490	(2.0)	442	(3.3)	-0.01	(0.01)	-0.55	(0.03)	48	(3.5)	32	(3.3)	
	Japan	99.7	(0.1)	0.3	(0.1)	539	(3.5)	c	c	-0.07	(0.02)	c	c	c	c	c	c	
	Korea	100.0	(0.0)	0.0	(0.0)	555	(4.6)	c	c	0.01	(0.03)	c	c	c	c	c	c	
	Luxembourg	53.6	(0.7)	46.4	(0.7)	511	(1.7)	470	(2.3)	0.47	(0.01)	-0.39	(0.02)	40	(3.3)	10	(3.3)	
	Mexico	98.7	(0.1)	1.3	(0.1)	416	(1.3)	343	(5.7)	-1.10	(0.02)	-1.46	(0.14)	73	(5.5)	66	(4.3)	
	Netherlands	89.4	(1.0)	10.6	(1.0)	531	(3.4)	474	(7.5)	0.31	(0.02)	-0.31	(0.05)	57	(7.1)	35	(7.2)	
	New Zealand	73.7	(1.5)	26.3	(1.5)	503	(2.7)	503	(4.7)	0.05	(0.02)	0.02	(0.04)	0	(5.4)	-2	(4.4)	
	Norway	90.6	(0.9)	9.4	(0.9)	496	(2.8)	450	(6.1)	0.52	(0.02)	-0.08	(0.05)	46	(6.6)	29	(6.6)	
	Poland	99.8	(0.1)	0.2	(0.1)	518	(3.6)	c	c	-0.21	(0.03)	c	c	c	c	c	c	
	Portugal	93.1	(0.6)	6.9	(0.6)	493	(3.7)	449	(7.2)	-0.47	(0.05)	-0.62	(0.10)	44	(7.2)	39	(7.8)	
	Slovak Republic	99.3	(0.2)	0.7	(0.2)	484	(3.4)	489	(21.2)	-0.18	(0.03)	-0.18	(0.17)	-5	(21.1)	-6	(18.8)	
	Spain	90.1	(0.6)	9.9	(0.6)	491	(1.7)	439	(4.6)	-0.14	(0.03)	-0.64	(0.04)	52	(4.3)	36	(4.3)	
	Sweden	85.5	(0.9)	14.5	(0.9)	490	(2.3)	432	(4.9)	0.36	(0.02)	-0.21	(0.05)	58	(5.1)	40	(4.9)	
	Switzerland	75.9	(0.9)	24.1	(0.9)	548	(3.0)	484	(3.9)	0.34	(0.02)	-0.34	(0.04)	63	(3.2)	42	(3.0)	
	Turkey	99.1	(0.2)	0.9	(0.2)	449	(4.8)	452	(30.9)	-1.46	(0.04)	-1.21	(0.20)	-3	(31.1)	5	(27.3)	
	United States	78.5	(2.0)	21.5	(2.0)	487	(3.6)	474	(6.2)	0.34	(0.03)	-0.40	(0.08)	13	(5.9)	-15	(4.9)	
	OECD average 2003	88.5	(0.1)	11.5	(0.1)	503	(0.5)	461	(1.9)	0.06	(0.00)	-0.33	(0.02)	37	(1.9)	23	(1.7)	
Partners	Brazil	99.3	(0.1)	0.7	(0.1)	394	(2.1)	338	(11.4)	-1.16	(0.02)	-0.88	(0.21)	56	(11.0)	63	(11.7)	
	Hong Kong-China	65.3	(1.5)	34.7	(1.5)	566	(3.7)	559	(3.8)	-0.56	(0.06)	-1.22	(0.03)	8	(4.4)	-11	(3.8)	
	Indonesia	99.8	(0.1)	0.2	(0.1)	376	(4.0)	c	c	-1.80	(0.05)	c	c	c	c	c	c	
	Latvia	95.5	(0.5)	4.5	(0.5)	492	(2.8)	486	(8.1)	-0.26	(0.03)	-0.13	(0.09)	6	(7.8)	10	(7.7)	
	Liechtenstein	66.7	(2.9)	33.3	(2.9)	554	(5.6)	504	(8.6)	0.44	(0.05)	0.02	(0.11)	50	(11.5)	40	(11.9)	
	Macao-China	34.9	(0.6)	65.1	(0.6)	530	(2.1)	545	(1.3)	-0.69	(0.02)	-0.99	(0.01)	-16	(2.8)	-22	(2.8)	
	Russian Federation	89.1	(0.8)	10.9	(0.8)	486	(3.2)	464	(4.3)	-0.10	(0.02)	-0.17	(0.05)	22	(4.5)	19	(4.4)	
	Thailand	99.3	(0.4)	0.7	(0.4)	428	(3.3)	411	(57.1)	-1.34	(0.04)	-3.24	(0.13)	17	(56.4)	-26	(53.6)	
	Tunisia	99.6	(0.1)	0.4	(0.1)	389	(4.0)	c	c	-1.19	(0.05)	c	c	c	c	c	c	
	Uruguay	99.5	(0.1)	0.5	(0.1)	412	(2.6)	c	c	-0.88	(0.03)	c	c	c	c	c	c	

Notes: This table was calculated considering only students with data on the *PISA index of economic, social and cultural status*. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are students whose parents were born in a country/economy other than the country/economy of assessment.

For comparability over time, PISA 2003 values on the *PISA index of economic, social and cultural status* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

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[Part 3/3]

Change between 2003 and 2012 in the relationship between mathematics performance and immigrant background


Table II.3.4b
Results based on students' self-reports

		Change between PISA 2003 and PISA 2012 (PISA 2012-PISA 2003)															
		Percentage of students				Average performance in mathematics				PISA index of economic, social and cultural status (ESCS)				Difference in mathematics performance between non-immigrant and immigrant students		Difference in mathematics performance between non-immigrant and immigrant students AFTER accounting for socio-economic status	
		Non-immigrant		Immigrant		Non-immigrant		Immigrant		Non-immigrant		Immigrant					
		% dif.	S.E.	% dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	0.1 (1.4)	-0.1 (1.4)	-24 (3.2)	5 (5.9)	0.20 (0.02)	0.25 (0.04)	-29 (5.5)	-27 (4.9)								
	Austria	-3.3 (1.4)	3.3 (1.4)	0 (4.6)	1 (7.3)	0.37 (0.03)	0.28 (0.07)	0 (7.4)	-4 (6.7)								
	Belgium	-3.3 (1.3)	3.3 (1.3)	-16 (3.8)	9 (8.8)	0.17 (0.03)	0.37 (0.08)	-25 (8.6)	-16 (7.1)								
	Canada	-9.3 (1.7)	9.3 (1.7)	-15 (3.1)	-16 (6.0)	0.24 (0.02)	0.06 (0.05)	1 (5.9)	-4 (5.2)								
	Czech Republic	-1.9 (0.4)	1.9 (0.4)	-22 (4.6)	-12 (18.5)	-0.01 (0.03)	0.14 (0.13)	-10 (17.2)	-3 (17.4)								
	Denmark	-2.4 (1.0)	2.4 (1.0)	-11 (3.9)	-10 (9.1)	0.37 (0.04)	0.28 (0.10)	-2 (8.9)	-5 (8.0)								
	Finland	-1.5 (0.3)	1.5 (0.3)	-23 (3.3)	-34 (11.8)	0.32 (0.03)	-0.13 (0.12)	12 (11.6)	-1 (10.2)								
	France	-0.5 (1.7)	0.5 (1.7)	-12 (4.1)	-26 (9.1)	0.25 (0.03)	0.47 (0.07)	14 (9.0)	24 (7.5)								
	Germany	2.3 (1.4)	-2.3 (1.4)	3 (5.1)	30 (8.6)	0.10 (0.04)	0.50 (0.07)	-27 (8.7)	-12 (7.6)								
	Greece	-3.1 (1.1)	3.1 (1.1)	10 (5.1)	3 (8.8)	0.28 (0.06)	0.04 (0.08)	8 (8.6)	-1 (8.8)								
	Hungary	0.5 (0.3)	-0.5 (0.3)	-13 (4.7)	22 (17.7)	0.05 (0.04)	0.45 (0.15)	-35 (17.6)	-16 (16.7)								
	Iceland	-2.5 (0.4)	2.5 (0.4)	-19 (3.0)	-36 (15.9)	0.25 (0.02)	-0.22 (0.24)	17 (14.3)	4 (15.4)								
	Ireland	-6.7 (0.8)	6.7 (0.8)	0 (3.9)	2 (11.4)	0.39 (0.04)	0.08 (0.11)	-2 (11.0)	-14 (10.5)								
	Italy	-5.3 (0.4)	5.3 (0.4)	23 (4.1)	-3 (13.1)	0.26 (0.03)	-0.11 (0.11)	26 (11.8)	15 (11.2)								
	Japan	-0.2 (0.1)	0.2 (0.1)	4 (5.7)	c c	0.34 (0.03)	c c	c c	c c								
	Korea	0.0 (0.0)	0.0 (0.0)	12 (5.9)	c c	0.37 (0.04)	c c	c c	c c								
	Luxembourg	-13.1 (0.9)	13.1 (0.9)	3 (2.9)	1 (3.7)	0.33 (0.02)	0.17 (0.04)	2 (4.3)	-3 (4.2)								
	Mexico	1.0 (0.3)	-1.0 (0.3)	24 (4.3)	42 (14.0)	0.18 (0.06)	0.41 (0.18)	-18 (13.6)	-13 (12.4)								
	Netherlands	0.4 (1.7)	-0.4 (1.7)	-20 (4.9)	-11 (11.3)	0.31 (0.04)	0.39 (0.09)	-9 (12.2)	-6 (10.6)								
	New Zealand	-6.5 (1.9)	6.5 (1.9)	-25 (4.2)	-11 (7.3)	0.16 (0.03)	0.24 (0.06)	-14 (6.9)	-10 (5.9)								
Norway	-3.8 (1.1)	3.8 (1.1)	-3 (4.1)	3 (10.0)	0.32 (0.03)	0.06 (0.09)	-6 (9.5)	-14 (8.6)									
Poland	-0.1 (0.1)	0.1 (0.1)	28 (4.8)	c c	0.20 (0.04)	c c	c c	c c									
Portugal	-1.8 (1.6)	1.8 (1.6)	23 (5.1)	40 (20.7)	0.43 (0.07)	0.24 (0.14)	-17 (20.6)	-23 (18.6)									
Slovak Republic	0.1 (0.2)	-0.1 (0.2)	-15 (5.0)	54 (30.1)	0.07 (0.04)	0.18 (0.22)	-70 (28.3)	-64 (26.5)									
Spain	-6.5 (0.7)	6.5 (0.7)	4 (3.5)	-3 (12.0)	0.36 (0.05)	0.15 (0.11)	7 (11.2)	1 (10.1)									
Sweden	-3.0 (1.2)	3.0 (1.2)	-27 (3.7)	-21 (10.0)	0.20 (0.03)	0.21 (0.09)	-6 (9.8)	-6 (9.1)									
Switzerland	-4.1 (1.3)	4.1 (1.3)	5 (4.9)	18 (6.4)	0.42 (0.04)	0.45 (0.05)	-12 (5.1)	-11 (4.6)									
Turkey	0.1 (0.3)	-0.1 (0.3)	24 (8.5)	60 (40.0)	-0.31 (0.07)	-0.18 (0.33)	-36 (33.6)	-31 (29.3)									
United States	-7.0 (2.2)	7.0 (2.2)	-3 (5.0)	12 (9.2)	0.19 (0.04)	-0.01 (0.11)	-15 (8.6)	-23 (6.5)									
OECD average 2003	-2.8 (0.2)	2.8 (0.2)	-3 (0.9)	5 (2.9)	0.23 (0.01)	0.18 (0.03)	-10 (2.7)	-10 (2.5)									
Partners	Brazil	0.0 (0.2)	0.0 (0.2)	35 (5.5)	c c	0.39 (0.05)	c c	c c	c c								
	Hong Kong-China	8.6 (2.1)	-8.6 (2.1)	10 (6.2)	14 (6.4)	0.50 (0.07)	0.32 (0.04)	-5 (5.4)	-10 (5.1)								
	Indonesia	0.1 (0.1)	-0.1 (0.1)	13 (6.0)	c c	0.06 (0.06)	c c	c c	c c								
	Latvia	4.9 (1.1)	-4.9 (1.1)	8 (5.1)	4 (10.4)	0.10 (0.04)	0.01 (0.10)	3 (8.9)	0 (8.3)								
	Liechtenstein	-16.2 (3.5)	16.2 (3.5)	9 (7.7)	10 (16.4)	0.63 (0.07)	0.90 (0.19)	-1 (18.7)	9 (16.6)								
	Macao-China	11.0 (1.5)	-11.0 (1.5)	2 (6.5)	17 (4.3)	0.60 (0.08)	0.69 (0.03)	-15 (7.6)	-13 (7.6)								
	Russian Federation	2.6 (1.1)	-2.6 (1.1)	14 (5.8)	10 (6.9)	0.50 (0.04)	0.49 (0.07)	4 (5.2)	4 (4.9)								
	Thailand	-0.5 (0.4)	0.5 (0.4)	9 (4.9)	c c	0.52 (0.06)	c c	c c	c c								
	Tunisia	-0.2 (0.1)	0.2 (0.1)	29 (5.1)	c c	0.50 (0.06)	c c	c c	c c								
	Uruguay	0.3 (0.2)	-0.3 (0.2)	-11 (4.6)	c c	-0.12 (0.05)	c c	c c	c c								

Notes: This table was calculated considering only students with data on the *PISA index of economic, social and cultural status*. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are students whose parents were born in a country/economy other than the country/economy of assessment.

For comparability over time, PISA 2003 values on the *PISA index of economic, social and cultural status* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

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[Part 1/4]


Mathematics performance, immigrant background and language spoken at homeTable II.3.5 *Results based on students' self-reports*

	Percentage of students								Average socio-economic status							
	Non-immigrant students who speak the language of assessment at home		Non-immigrant students who speak another language at home		Immigrant students who speak the language of assessment at home		Immigrant students who speak another language at home		Non-immigrant students who speak the language of assessment at home		Non-immigrant students who speak another language at home		Immigrant students who speak the language of assessment at home		Immigrant students who speak another language at home	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD																
Australia	76.0	(0.8)	2.0	(0.2)	14.8	(0.5)	7.2	(0.5)	0.28	(0.01)	0.08	(0.06)	0.33	(0.02)	0.00	(0.05)
Austria	85.1	(0.9)	1.4	(0.2)	3.7	(0.4)	9.7	(0.8)	0.19	(0.02)	0.16	(0.18)	0.02	(0.09)	-0.64	(0.06)
Belgium	72.1	(1.1)	14.3	(0.7)	6.6	(0.6)	6.9	(0.5)	0.28	(0.02)	0.01	(0.04)	-0.08	(0.08)	-0.46	(0.08)
Canada	68.1	(1.4)	3.1	(0.4)	14.8	(0.8)	14.0	(0.8)	0.46	(0.02)	0.49	(0.05)	0.41	(0.04)	0.24	(0.04)
Chile	98.5	(0.2)	0.6	(0.1)	0.9	(0.2)	0.0	(0.0)	-0.58	(0.04)	-0.47	(0.26)	-0.31	(0.17)	c	c
Czech Republic	96.3	(0.4)	0.8	(0.2)	0.9	(0.2)	2.0	(0.3)	-0.06	(0.02)	0.08	(0.24)	-0.14	(0.15)	-0.15	(0.08)
Denmark	92.2	(0.5)	0.5	(0.1)	3.5	(0.3)	3.8	(0.3)	0.50	(0.02)	-0.10	(0.22)	-0.13	(0.06)	-0.27	(0.05)
Estonia	88.1	(0.7)	3.8	(0.4)	6.4	(0.5)	1.7	(0.2)	0.12	(0.02)	0.04	(0.05)	0.10	(0.07)	0.08	(0.09)
Finland	94.9	(0.3)	1.8	(0.1)	0.6	(0.1)	2.7	(0.2)	0.38	(0.02)	0.62	(0.07)	-0.12	(0.09)	-0.29	(0.05)
France	84.3	(1.2)	2.3	(0.4)	8.0	(0.8)	5.5	(0.5)	0.06	(0.02)	-0.12	(0.07)	-0.42	(0.05)	-0.64	(0.06)
Germany	86.9	(0.8)	1.6	(0.4)	6.8	(0.5)	4.8	(0.5)	0.32	(0.02)	-0.18	(0.17)	-0.37	(0.05)	-0.41	(0.07)
Greece	88.9	(0.8)	1.1	(0.2)	6.0	(0.5)	4.0	(0.5)	0.01	(0.03)	-0.30	(0.31)	-0.61	(0.06)	-0.79	(0.08)
Hungary	97.7	(0.2)	0.7	(0.1)	1.3	(0.2)	0.3	(0.1)	-0.26	(0.03)	0.08	(0.21)	0.18	(0.12)	c	c
Iceland	95.5	(0.4)	1.2	(0.2)	0.7	(0.1)	2.7	(0.3)	0.81	(0.01)	0.63	(0.15)	c	c	-0.09	(0.10)
Ireland	90.1	(0.7)	0.3	(0.1)	5.1	(0.4)	4.5	(0.5)	0.12	(0.02)	c	c	0.32	(0.07)	0.05	(0.08)
Israel	79.4	(1.2)	3.0	(0.3)	9.6	(0.7)	8.0	(0.8)	0.21	(0.03)	0.16	(0.08)	-0.03	(0.06)	0.15	(0.06)
Italy	83.2	(0.4)	9.8	(0.3)	2.6	(0.2)	4.4	(0.2)	0.07	(0.01)	-0.48	(0.03)	-0.35	(0.05)	-0.67	(0.04)
Japan	99.5	(0.1)	0.2	(0.1)	0.2	(0.0)	0.2	(0.1)	-0.07	(0.02)	c	c	c	c	c	c
Korea	99.9	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.01	(0.03)	c	c	c	c	c	c
Luxembourg	3.1	(0.2)	53.1	(0.6)	11.6	(0.4)	32.2	(0.7)	0.69	(0.07)	0.47	(0.02)	0.62	(0.04)	-0.69	(0.03)
Mexico	95.9	(0.3)	2.8	(0.3)	1.0	(0.1)	0.2	(0.1)	-1.07	(0.02)	-2.22	(0.09)	-1.49	(0.10)	-1.68	(0.33)
Netherlands	89.2	(1.0)	1.4	(0.2)	4.6	(0.6)	4.7	(0.5)	0.31	(0.02)	0.07	(0.10)	-0.18	(0.07)	-0.48	(0.07)
New Zealand	70.8	(1.4)	2.8	(0.3)	13.3	(0.7)	13.1	(1.1)	0.07	(0.02)	-0.12	(0.11)	0.18	(0.05)	-0.13	(0.06)
Norway	89.6	(0.8)	1.6	(0.2)	3.0	(0.3)	5.8	(0.6)	0.52	(0.02)	0.58	(0.08)	0.16	(0.09)	-0.17	(0.06)
Poland	99.0	(0.3)	0.8	(0.3)	0.1	(0.0)	0.1	(0.0)	-0.21	(0.03)	-0.04	(0.25)	c	c	c	c
Portugal	92.7	(0.6)	0.8	(0.1)	4.7	(0.5)	1.8	(0.3)	-0.47	(0.05)	-0.29	(0.22)	-0.59	(0.10)	-0.67	(0.16)
Slovak Republic	92.3	(0.9)	7.1	(0.8)	0.5	(0.1)	0.2	(0.1)	-0.10	(0.02)	-1.08	(0.10)	c	c	c	c
Slovenia	90.8	(0.5)	1.3	(0.2)	3.3	(0.3)	4.6	(0.4)	0.13	(0.01)	0.00	(0.09)	-0.38	(0.08)	-0.62	(0.06)
Spain	76.7	(1.2)	13.7	(0.9)	4.9	(0.3)	4.7	(0.5)	-0.10	(0.03)	-0.32	(0.04)	-0.56	(0.05)	-0.73	(0.06)
Sweden	85.9	(0.8)	1.6	(0.3)	4.2	(0.3)	8.4	(0.6)	0.37	(0.02)	0.38	(0.14)	-0.16	(0.06)	-0.25	(0.07)
Switzerland	73.2	(1.0)	4.1	(0.4)	10.5	(0.5)	12.1	(0.6)	0.34	(0.02)	0.32	(0.06)	-0.07	(0.06)	-0.55	(0.04)
Turkey	93.0	(0.8)	6.0	(0.8)	0.8	(0.2)	0.2	(0.1)	-1.40	(0.04)	-2.32	(0.08)	-1.05	(0.19)	c	c
United Kingdom	86.5	(1.1)	1.3	(0.1)	6.6	(0.6)	5.7	(0.7)	0.28	(0.02)	0.32	(0.09)	0.32	(0.06)	0.06	(0.10)
United States	77.0	(2.0)	1.9	(0.3)	9.0	(1.0)	12.2	(1.2)	0.36	(0.03)	-0.26	(0.10)	-0.04	(0.10)	-0.65	(0.08)
OECD average	85.1	(0.1)	4.4	(0.1)	5.0	(0.1)	5.5	(0.1)	0.08	(0.00)	-0.12	(0.03)	-0.15	(0.02)	-0.39	(0.02)
Partners																
Albania	0.0	c	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c
Argentina	95.3	(0.5)	1.0	(0.2)	3.2	(0.3)	0.6	(0.1)	-0.68	(0.04)	-1.19	(0.18)	-1.39	(0.11)	-1.65	(0.28)
Brazil	98.3	(0.2)	0.9	(0.1)	0.6	(0.1)	0.2	(0.1)	-1.16	(0.02)	-1.11	(0.15)	-1.17	(0.22)	c	c
Bulgaria	89.1	(1.2)	10.4	(1.2)	0.3	(0.1)	0.2	(0.1)	-0.14	(0.03)	-1.33	(0.09)	c	c	c	c
Colombia	99.0	(0.2)	0.6	(0.2)	0.3	(0.1)	0.0	(0.0)	-1.26	(0.04)	-1.30	(0.45)	c	c	c	c
Costa Rica	93.5	(0.8)	1.0	(0.2)	5.3	(0.7)	0.2	(0.1)	-0.94	(0.04)	-0.30	(0.20)	-1.64	(0.16)	c	c
Croatia	87.3	(0.8)	0.9	(0.2)	11.5	(0.8)	0.3	(0.1)	-0.30	(0.02)	-0.42	(0.11)	-0.59	(0.04)	c	c
Cyprus*	78.0	(0.4)	14.3	(0.3)	3.7	(0.3)	4.0	(0.2)	-0.02	(0.01)	0.73	(0.03)	-0.01	(0.07)	-0.08	(0.06)
Hong Kong-China	62.5	(1.6)	3.0	(0.7)	30.8	(1.3)	3.8	(0.5)	-0.58	(0.06)	-0.27	(0.21)	-1.21	(0.03)	-1.36	(0.08)
Indonesia	40.8	(2.4)	59.0	(2.4)	0.1	(0.0)	0.1	(0.0)	-1.39	(0.09)	-2.09	(0.04)	c	c	c	c
Jordan	83.0	(0.8)	3.6	(0.3)	12.5	(0.7)	0.8	(0.1)	-0.49	(0.03)	-0.24	(0.08)	-0.21	(0.06)	0.03	(0.19)
Kazakhstan	74.2	(1.7)	9.7	(0.8)	14.7	(1.7)	1.4	(0.2)	-0.31	(0.02)	-0.15	(0.06)	-0.48	(0.05)	-0.18	(0.10)
Latvia	86.2	(1.4)	9.3	(1.2)	3.4	(0.5)	1.1	(0.3)	-0.24	(0.03)	-0.51	(0.08)	-0.10	(0.10)	-0.26	(0.20)
Liechtenstein	66.4	(3.0)	0.7	(0.5)	21.5	(2.8)	11.4	(1.8)	0.44	(0.06)	c	c	0.52	(0.12)	c	c
Lithuania	95.3	(0.6)	3.1	(0.5)	1.2	(0.2)	0.4	(0.1)	-0.12	(0.02)	-0.30	(0.09)	-0.04	(0.12)	c	c
Macao-China	28.2	(0.6)	6.6	(0.3)	58.2	(0.6)	7.0	(0.3)	-0.80	(0.02)	-0.24	(0.04)	-1.06	(0.01)	-0.48	(0.04)
Malaysia	56.5	(2.4)	41.7	(2.5)	1.3	(0.3)	0.4	(0.1)	-0.81	(0.04)	-0.58	(0.05)	-1.39	(0.14)	c	c
Montenegro	93.3	(0.5)	0.8	(0.1)	5.6	(0.4)	0.2	(0.1)	-0.26	(0.01)	-0.29	(0.20)	-0.10	(0.05)	c	c
Peru	93.4	(0.9)	6.0	(0.9)	0.4	(0.1)	0.1	(0.0)	-1.16	(0.05)	-2.20	(0.10)	c	c	c	c
Qatar	34.7	(0.4)	13.1	(0.2)	26.1	(0.4)	26.0	(0.3)	0.26	(0.02)	0.80	(0.02)	0.43	(0.02)	0.47	(0.01)
Romania	98.2	(0.4)	1.6	(0.4)	0.1	(0.0)	0.1	(0.0)	-0.47	(0.04)	-0.56	(0.19)	c	c	c	c
Russian Federation	82.0	(1.7)	7.1	(1.6)	9.4	(0.8)	1.5	(0.3)	-0.07	(0.02)	-0.31	(0.06)	-0.12	(0.05)	-0.45	(0.12)
Serbia	88.0	(0.8)	3.5	(0.5)	7.8	(0.7)	0.7	(0.3)	-0.29	(0.02)	-0.49	(0.10)	-0.26	(0.05)	-0.63	(0.23)
Shanghai-China	98.0	(0.2)	1.1	(0.2)	0.6	(0.1)	0.3	(0.1)	-0.35	(0.03)	-1.13	(0.14)	-1.15	(0.18)	c	c
Singapore	40.8	(0.8)	40.7	(1.1)	4.8	(0.4)	13.7	(0.7)	0.13	(0.02)	-0.77	(0.02)	0.59	(0.04)	-0.04	(0.04)
Chinese Taipei	83.1	(1.1)	16.4	(1.1)	0.5	(0.1)	0.0	(0.0)	-0.28	(0.02)	-0.89	(0.04)	c	c	c	c
Thailand	55.3	(1.7)	44.1	(1.7)	0.1	(0.1)	0.5	(0.3)	-0.99	(0.06)	-1.76	(0.04)	c	c	c	c
Tunisia	98.6	(0.2)	1.0	(0.2)	0.4	(0.1)	0.1	(0.0)	-1.19	(0.05)	-0.76	(0.20)	c	c	c	c
United Arab Emirates	35.9	(1.2)	8.9	(1.0)	30.6	(1.2)	24.6	(0.9)	0.15	(0.03)	0.74	(0.03)	0.35	(0.03)	0.39	(0.03)
Uruguay	97.7	(0.4)	1.8	(0.3)	0.3	(0.1)	0.1	(0.1)	-0.88	(0.03)	-1.32	(0.15)	c	c	c	c
Viet Nam	97.8	(0.4)	2.1	(0.4)	0.0	(0.0)	0.1	(0.0)	-1.78	(0.05)	-2.97	(0.17)	c	c	c	c

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

The percentages of immigrant and non-immigrant students who speak the language of assessment at home and those who do not speak the language of assessment at home are calculated over the total student population. The percentages of first- and second-generation students who speak the language of assessment at home and those who do not speak the language of assessment at home are calculated over the total immigrant student population.

* See notes at the beginning of this Annex.

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[Part 2/4]

Mathematics performance, immigrant background and language spoken at homeTable II.3.5 *Results based on students' self-reports*

	Average performance in mathematics						Performance differences before accounting for ESCS							
	Non-immigrant students who speak the language of assessment at home		Non-immigrant students who speak another language at home		Immigrant students who speak the language of assessment at home		Immigrant students who speak another language at home		Performance difference across non-immigrant students, by home language		Performance difference across immigrant students, by home language		Performance difference between immigrant students who do not speak the language of assessment at home and non-immigrant students who do	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	505 (1.4)	466 (8.8)	528 (3.8)	541 (6.0)	39 (8.8)	-13 (5.5)	-36 (5.9)						
	Austria	520 (2.7)	487 (14.5)	498 (9.4)	457 (6.0)	33 (14.5)	41 (10.6)	63 (6.3)						
	Belgium	535 (2.1)	513 (5.3)	469 (7.4)	448 (7.2)	23 (5.3)	21 (10.6)	88 (7.4)						
	Canada	523 (1.8)	521 (7.6)	518 (5.0)	530 (4.4)	3 (7.8)	-12 (4.3)	-7 (4.7)						
	Chile	424 (3.0)	404 (19.0)	417 (13.8)	c c	20 (18.6)	c c	c c						
	Czech Republic	503 (2.7)	461 (30.1)	469 (22.2)	490 (16.3)	42 (30.1)	-21 (27.6)	13 (15.9)						
	Denmark	509 (2.3)	456 (12.8)	450 (5.4)	453 (3.6)	53 (12.8)	-3 (6.6)	56 (4.2)						
	Estonia	526 (2.1)	509 (5.5)	497 (6.8)	488 (11.5)	17 (5.7)	9 (12.7)	38 (11.6)						
	Finland	524 (1.9)	518 (7.6)	460 (9.5)	434 (5.9)	5 (7.9)	25 (11.5)	90 (5.7)						
	France	511 (2.8)	465 (17.1)	450 (7.5)	440 (8.6)	46 (17.0)	11 (9.9)	71 (9.3)						
	Germany	530 (3.2)	504 (24.4)	493 (6.7)	470 (8.2)	26 (24.2)	23 (10.3)	60 (8.6)						
	Greece	461 (2.6)	408 (19.7)	416 (6.8)	401 (8.7)	53 (19.8)	15 (10.3)	60 (9.3)						
	Hungary	478 (3.1)	454 (20.8)	503 (16.4)	c c	24 (21.0)	c c	c c						
	Iceland	499 (1.7)	456 (18.1)	c c	443 (9.9)	43 (18.0)	c c	56 (10.0)						
	Ireland	504 (2.3)	c c	508 (6.1)	499 (6.9)	c c	9 (8.9)	5 (6.6)						
	Israel	473 (4.4)	453 (12.1)	476 (7.4)	490 (7.4)	20 (10.3)	-14 (7.6)	-16 (7.3)						
	Italy	499 (2.1)	463 (3.1)	461 (6.2)	442 (4.1)	36 (3.0)	19 (7.5)	57 (4.7)						
	Japan	540 (3.6)	c c	c c	c c	c c	c c	c c						
	Korea	555 (4.5)	c c	c c	c c	c c	c c	c c						
	Luxembourg	527 (7.8)	514 (1.8)	536 (3.9)	461 (3.0)	12 (8.4)	75 (4.7)	65 (8.1)						
	Mexico	418 (1.3)	371 (4.4)	342 (5.3)	335 (13.7)	47 (4.4)	7 (13.4)	83 (13.6)						
	Netherlands	533 (3.4)	502 (13.7)	490 (8.7)	473 (9.2)	32 (13.6)	16 (10.3)	60 (8.4)						
	New Zealand	508 (2.5)	421 (8.7)	516 (4.9)	492 (8.0)	87 (8.8)	24 (9.3)	16 (8.5)						
	Norway	497 (2.8)	482 (12.1)	464 (7.7)	451 (6.8)	15 (12.3)	13 (7.9)	46 (7.3)						
	Poland	519 (3.6)	514 (20.0)	c c	c c	5 (18.8)	c c	c c						
	Portugal	494 (3.7)	485 (19.4)	445 (7.4)	471 (11.6)	9 (19.4)	-26 (12.1)	23 (11.2)						
	Slovak Republic	493 (3.3)	394 (11.5)	c c	c c	99 (12.3)	c c	c c						
	Slovenia	508 (1.1)	448 (10.5)	479 (7.1)	449 (6.6)	61 (10.5)	30 (10.5)	59 (6.7)						
	Spain	493 (1.8)	484 (2.9)	442 (5.5)	439 (6.2)	9 (3.0)	3 (7.0)	54 (6.0)						
	Sweden	494 (2.3)	469 (23.3)	448 (6.9)	438 (6.7)	25 (23.4)	10 (9.2)	56 (7.1)						
	Switzerland	551 (3.2)	527 (6.3)	501 (4.7)	478 (5.0)	24 (6.6)	23 (5.9)	73 (4.4)						
	Turkey	452 (4.9)	400 (14.2)	471 (33.9)	c c	52 (14.7)	c c	c c						
	United Kingdom	500 (2.8)	480 (10.3)	485 (8.2)	501 (11.3)	20 (10.7)	-16 (10.3)	-1 (11.3)						
	United States	489 (3.7)	443 (8.8)	494 (8.5)	461 (5.8)	45 (8.7)	33 (7.6)	28 (5.7)						
	OECD average	503 (0.5)	467 (2.6)	473 (2.0)	462 (1.6)	33 (2.6)	12 (2.1)	43 (1.6)						
Partners	Albania	c c	c c	c c	c c	c c	c c	c c						
	Argentina	393 (3.4)	348 (16.3)	358 (6.4)	336 (26.1)	45 (16.3)	23 (25.9)	57 (25.2)						
	Brazil	395 (2.1)	397 (11.0)	322 (11.8)	c c	-2 (10.8)	c c	c c						
	Bulgaria	451 (3.9)	374 (7.1)	c c	c c	77 (7.5)	c c	c c						
	Colombia	379 (2.9)	343 (16.3)	c c	c c	36 (15.8)	c c	c c						
	Costa Rica	410 (3.0)	429 (15.9)	377 (9.8)	c c	-19 (16.0)	c c	c c						
	Croatia	475 (3.6)	470 (19.3)	458 (5.4)	c c	4 (19.1)	c c	c c						
	Cyprus*	436 (1.3)	497 (3.4)	437 (6.5)	423 (6.6)	-61 (3.6)	14 (8.7)	13 (6.8)						
	Hong Kong-China	569 (3.8)	529 (12.7)	566 (3.5)	514 (10.7)	41 (12.9)	52 (10.4)	55 (11.7)						
	Indonesia	378 (6.5)	374 (4.1)	c c	c c	4 (6.8)	c c	c c						
	Jordan	388 (2.8)	387 (6.8)	411 (5.5)	404 (15.6)	1 (7.0)	7 (16.8)	-16 (15.8)						
	Kazakhstan	432 (3.0)	444 (7.5)	426 (6.2)	433 (10.0)	-12 (6.9)	-7 (11.7)	-1 (9.8)						
	Latvia	494 (3.0)	476 (6.0)	488 (8.6)	480 (20.4)	18 (6.5)	8 (21.9)	14 (20.4)						
	Liechtenstein	559 (5.7)	c c	524 (12.0)	c c	c c	c c	c c						
	Lithuania	484 (2.8)	440 (11.1)	490 (10.1)	c c	44 (11.4)	c c	c c						
	Macao-China	528 (2.4)	548 (4.8)	548 (1.6)	548 (4.8)	-20 (5.3)	1 (5.3)	-20 (5.2)						
	Malaysia	410 (3.2)	441 (4.6)	408 (8.5)	c c	-31 (4.8)	c c	c c						
	Montenegro	410 (1.2)	389 (15.6)	433 (6.0)	c c	21 (15.8)	c c	c c						
	Peru	376 (3.5)	300 (8.1)	c c	c c	76 (7.9)	c c	c c						
	Qatar	323 (1.5)	370 (2.6)	408 (2.4)	444 (1.8)	-46 (3.2)	-35 (3.3)	-120 (2.4)						
	Romania	446 (3.8)	415 (13.3)	c c	c c	30 (12.9)	c c	c c						
	Russian Federation	487 (3.4)	472 (6.4)	471 (4.1)	426 (12.6)	15 (6.4)	45 (12.0)	61 (12.7)						
	Serbia	450 (3.4)	442 (6.8)	463 (6.8)	478 (25.4)	7 (7.0)	-15 (24.9)	-28 (25.1)						
	Shanghai-China	616 (3.1)	502 (14.9)	493 (21.2)	c c	115 (14.2)	c c	c c						
	Singapore	602 (2.2)	549 (2.1)	609 (6.3)	597 (4.4)	53 (3.2)	12 (7.4)	5 (5.1)						
	Chinese Taipei	577 (3.3)	517 (5.6)	c c	c c	60 (5.8)	c c	c c						
	Thailand	434 (4.7)	422 (3.8)	c c	c c	12 (5.6)	c c	c c						
	Tunisia	389 (4.0)	378 (15.8)	c c	c c	12 (15.5)	c c	c c						
	United Arab Emirates	395 (2.6)	424 (5.6)	458 (3.1)	479 (3.8)	-28 (5.3)	-20 (4.4)	-83 (4.4)						
	Uruguay	413 (2.6)	396 (12.4)	c c	c c	17 (12.0)	c c	c c						
	Viet Nam	513 (4.8)	461 (12.0)	c c	c c	52 (11.4)	c c	c c						

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

The percentages of immigrant and non-immigrant students who speak the language of assessment at home and those who do not speak the language of assessment at home are calculated over the total student population. The percentages of first- and second-generation students who speak the language of assessment at home and those who do not speak the language of assessment at home are calculated over the total immigrant student population.

* See notes at the beginning of this Annex.

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[Part 3/4]


Mathematics performance, immigrant background and language spoken at homeTable II.3.5 *Results based on students' self-reports*

	Performance differences after accounting for ESCS													
	Performance difference across non-immigrant students, by home language		Performance difference across immigrant students, by home language		Performance difference between immigrant students who do not speak the language of assessment at home and non-immigrant students who do		Increased likelihood of non-immigrant students who speak the language of assessment at home scoring in the bottom quarter of the mathematics performance distribution		Population relevance of non-immigrant students who speak the language of assessment at home scoring in the bottom quarter of the mathematics performance distribution		Increased likelihood of non-immigrant students who do not speak the language of assessment at home scoring in the bottom quarter of the mathematics performance distribution		Population relevance of non-immigrant students who do not speak the language of assessment at home scoring in the bottom quarter of the mathematics performance distribution	
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.	Ratio	S.E.	%	S.E.
OECD	30	(7.7)	-26	(5.1)	-48	(5.3)	1.17	(0.06)	11.4	(3.6)	1.75	(0.18)	1.5	(0.4)
Australia	30	(7.7)	-26	(5.1)	-48	(5.3)	1.17	(0.06)	11.4	(3.6)	1.75	(0.18)	1.5	(0.4)
Austria	32	(13.4)	13	(8.7)	31	(6.1)	0.52	(0.04)	-69.6	(9.5)	1.33	(0.35)	0.5	(0.5)
Belgium	10	(4.5)	10	(9.1)	53	(5.6)	0.53	(0.04)	-51.8	(5.7)	1.10	(0.09)	1.3	(1.3)
Canada	3	(6.6)	-18	(4.4)	-13	(4.5)	0.96	(0.06)	-2.8	(4.4)	1.06	(0.12)	0.2	(0.4)
Chile	24	(14.2)	c	c	c	c	0.83	(0.17)	-21.2	(25.3)	1.47	(0.45)	0.3	(0.3)
Czech Republic	50	(23.2)	-21	(26.6)	9	(16.0)	0.74	(0.14)	-33.7	(22.0)	1.63	(0.53)	0.5	(0.4)
Denmark	31	(12.3)	-6	(6.7)	28	(4.4)	0.45	(0.03)	-103.5	(11.8)	2.08	(0.50)	0.6	(0.3)
Estonia	14	(5.7)	9	(11.7)	37	(10.7)	0.71	(0.06)	-34.0	(8.4)	1.10	(0.15)	0.4	(0.6)
Finland	13	(6.7)	21	(9.9)	69	(5.3)	0.47	(0.02)	-102.6	(8.4)	1.11	(0.13)	0.2	(0.2)
France	36	(15.3)	3	(9.9)	33	(9.4)	0.46	(0.04)	-84.0	(11.1)	1.52	(0.32)	1.2	(0.6)
Germany	6	(20.5)	21	(9.4)	31	(7.9)	0.60	(0.05)	-52.7	(11.5)	1.31	(0.46)	0.5	(0.6)
Greece	42	(12.8)	12	(10.1)	33	(9.4)	0.52	(0.04)	-73.5	(12.6)	1.83	(0.44)	0.9	(0.6)
Hungary	40	(18.0)	c	c	c	c	1.18	(0.33)	13.5	(24.0)	1.53	(0.45)	0.4	(0.3)
Iceland	37	(16.5)	c	c	30	(9.3)	0.55	(0.05)	-74.1	(16.6)	1.69	(0.42)	0.8	(0.5)
Ireland	c	c	1	(8.3)	2	(6.3)	0.98	(0.10)	-1.6	(9.4)	c	c	c	c
Israel	17	(9.7)	-8	(6.6)	-19	(5.6)	1.15	(0.12)	10.8	(7.1)	1.41	(0.20)	1.2	(0.6)
Italy	21	(2.6)	10	(7.1)	36	(4.6)	0.56	(0.02)	-57.8	(4.5)	1.56	(0.06)	5.2	(0.6)
Japan	c	c	c	c	c	c	0.48	(0.10)	-108.5	(40.5)	c	c	c	c
Korea	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Luxembourg	4	(7.7)	38	(5.2)	32	(8.2)	0.49	(0.14)	-1.6	(0.5)	0.58	(0.04)	-28.5	(3.3)
Mexico	26	(4.1)	3	(11.4)	71	(10.9)	0.44	(0.02)	-115.6	(9.2)	1.97	(0.12)	2.7	(0.5)
Netherlands	22	(13.0)	13	(10.3)	29	(8.7)	0.55	(0.05)	-66.1	(11.8)	1.27	(0.30)	0.4	(0.4)
New Zealand	78	(9.2)	7	(7.0)	6	(6.5)	0.72	(0.06)	-25.0	(6.6)	2.52	(0.33)	4.0	(1.1)
Norway	17	(12.1)	5	(7.9)	25	(7.4)	0.56	(0.04)	-64.6	(9.2)	1.07	(0.28)	0.1	(0.4)
Poland	12	(13.2)	c	c	c	c	0.87	(0.24)	-15.4	(31.4)	1.13	(0.38)	0.1	(0.3)
Portugal	15	(14.7)	-29	(11.6)	16	(11.2)	0.59	(0.05)	-62.2	(13.6)	0.82	(0.35)	-0.1	(0.3)
Slovak Republic	50	(10.2)	c	c	c	c	0.38	(0.04)	-133.7	(20.8)	2.75	(0.30)	11.0	(2.1)
Slovenia	56	(9.8)	23	(11.0)	30	(6.5)	0.53	(0.05)	-75.2	(12.6)	2.05	(0.35)	1.3	(0.6)
Spain	2	(2.7)	-1	(6.7)	34	(5.5)	0.69	(0.03)	-30.7	(4.5)	0.95	(0.06)	-0.7	(0.8)
Sweden	25	(21.4)	8	(9.0)	36	(6.9)	0.50	(0.04)	-75.2	(10.4)	1.66	(0.34)	1.0	(0.5)
Switzerland	24	(6.3)	10	(5.5)	45	(4.4)	0.47	(0.02)	-63.9	(4.7)	1.08	(0.13)	0.3	(0.5)
Turkey	24	(13.6)	c	c	c	c	0.56	(0.09)	-69.1	(25.0)	1.81	(0.32)	4.6	(1.9)
United Kingdom	21	(9.3)	-27	(9.3)	-10	(8.5)	0.79	(0.07)	-22.8	(9.8)	1.15	(0.19)	0.2	(0.2)
United States	21	(8.5)	14	(6.2)	-9	(5.2)	0.75	(0.08)	-23.8	(8.3)	1.71	(0.23)	1.3	(0.4)
OECD average	26	(2.2)	3	(1.9)	23	(1.5)	0.66	(0.02)	-50.9	(2.7)	1.48	(0.06)	0.4	(0.2)
Partners	31	c	c	c	31	c	c	c	c	c	1.80	(0.48)	0.8	(0.5)
Albania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Argentina	31	(13.8)	19	(30.3)	31	(29.2)	0.62	(0.08)	-55.9	(17.8)	1.80	(0.48)	0.8	(0.5)
Brazil	0	(11.1)	c	c	c	c	0.61	(0.07)	-63.2	(17.9)	1.13	(0.19)	0.1	(0.2)
Bulgaria	31	(5.6)	c	c	c	c	0.40	(0.04)	-114.0	(16.6)	2.47	(0.24)	13.3	(2.1)
Colombia	35	(18.2)	c	c	c	c	0.54	(0.12)	-85.4	(39.4)	1.53	(0.63)	0.3	(0.4)
Costa Rica	-4	(14.3)	c	c	c	c	0.62	(0.11)	-55.2	(21.2)	0.81	(0.32)	-0.2	(0.3)
Croatia	0	(17.8)	c	c	c	c	0.83	(0.08)	-17.4	(8.6)	1.01	(0.32)	0.0	(0.3)
Cyprus*	-37	(3.5)	11	(8.0)	11	(6.4)	1.36	(0.11)	21.9	(4.9)	0.43	(0.05)	-8.8	(0.9)
Hong Kong-China	50	(12.0)	49	(9.9)	31	(10.5)	0.82	(0.07)	-12.4	(5.4)	1.54	(0.22)	1.6	(0.8)
Indonesia	-11	(4.5)	c	c	c	c	1.00	(0.09)	-0.1	(3.7)	1.00	(0.09)	0.2	(5.4)
Jordan	7	(6.7)	13	(14.7)	-4	(14.1)	1.35	(0.17)	22.2	(8.1)	1.03	(0.15)	0.1	(0.6)
Kazakhstan	-8	(6.4)	0	(11.2)	2	(9.9)	1.00	(0.10)	0.0	(6.7)	0.81	(0.12)	-1.9	(1.2)
Latvia	8	(6.1)	4	(22.1)	14	(20.8)	0.79	(0.08)	-21.9	(10.8)	1.28	(0.17)	2.5	(1.6)
Liechtenstein	c	c	c	c	c	c	0.48	(0.12)	-52.7	(18.0)	c	c	c	c
Lithuania	37	(10.7)	c	c	c	c	0.69	(0.09)	-41.4	(15.1)	1.70	(0.21)	2.1	(0.7)
Macao-China	-8	(5.2)	12	(5.3)	-12	(5.2)	1.38	(0.09)	9.6	(2.0)	0.83	(0.09)	-1.1	(0.6)
Malaysia	-25	(4.2)	c	c	c	c	1.27	(0.11)	13.2	(4.5)	0.77	(0.07)	-10.6	(3.6)
Montenegro	20	(14.5)	c	c	c	c	1.34	(0.24)	23.6	(12.7)	1.34	(0.43)	0.3	(0.3)
Peru	43	(7.2)	c	c	c	c	0.37	(0.03)	-144.3	(16.8)	2.65	(0.24)	9.0	(1.9)
Qatar	-40	(3.0)	-34	(3.2)	-117	(2.3)	3.06	(0.12)	41.6	(1.5)	1.03	(0.05)	0.4	(0.7)
Romania	27	(10.5)	c	c	c	c	0.69	(0.18)	-45.6	(30.8)	1.61	(0.33)	1.0	(0.6)
Russian Federation	6	(7.0)	34	(14.2)	46	(14.9)	0.79	(0.06)	-21.4	(6.9)	1.15	(0.15)	1.0	(1.0)
Serbia	1	(7.4)	-30	(20.6)	-40	(21.2)	1.14	(0.09)	10.7	(6.8)	1.00	(0.18)	0.0	(0.6)
Shanghai-China	84	(13.7)	c	c	c	c	0.34	(0.02)	-184.4	(18.6)	2.74	(0.30)	1.8	(0.4)
Singapore	19	(3.8)	-12	(7.9)	-2	(5.5)	0.61	(0.03)	-19.0	(2.0)	1.91	(0.10)	27.0	(2.2)
Chinese Taipei	27	(4.8)	c	c	c	c	0.52	(0.03)	-67.4	(7.9)	1.94	(0.13)	13.3	(1.7)
Thailand	-7	(4.3)	c	c	c	c	0.98	(0.09)	-1.0	(5.0)	1.00	(0.08)	0.0	(3.7)
Tunisia	21	(15.7)	c	c	c	c	0.89	(0.26)	-12.0	(28.0)	1.11	(0.37)	0.1	(0.4)
United Arab Emirates	-17	(5.2)	-19	(4.2)	-77	(4.1)	2.42	(0.14)	33.8	(2.3)	1.05	(0.08)	0.4	(0.7)
Uruguay	0	(9.2)	c	c	c	c	0.82	(0.13)	-22.8	(23.4)	1.34	(0.25)	0.6	(0.5)
Viet Nam	17	(11.9)	c	c	c	c	0.54	(0.10)	-83.6	(36.6)	1.82	(0.39)	1.7	(0.7)

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

The percentages of immigrant and non-immigrant students who speak the language of assessment at home and those who do not speak the language of assessment at home are calculated over the total student population. The percentages of first- and second-generation students who speak the language of assessment at home and those who do not speak the language of assessment at home are calculated over the total immigrant student population.

* See notes at the beginning of this Annex.

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[Part 4/4]
Mathematics performance, immigrant background and language spoken at home
 Results based on students' self-reports

Table II.3.5

	Increased likelihood of immigrant students who speak the language of assessment at home scoring in the bottom quarter of the mathematics performance distribution		Population relevance of immigrant students who speak the language of assessment at home scoring in the bottom quarter of the mathematics performance distribution		Increased likelihood of immigrant students who do not speak the language of assessment at home scoring in the bottom quarter of the mathematics performance distribution		Population relevance of immigrant students who do not speak the language of assessment at home scoring in the bottom quarter of the mathematics performance distribution		Effect size in mathematics performance for non-immigrant students who speak the language of assessment at home (positive number implies an advantage for non-immigrant students)		Effect size in mathematics performance for non-immigrant students who speak the language of assessment at home (positive number implies an advantage for non-immigrant students)		Effect size in mathematics performance for immigrant students who do not speak the language of assessment at home (positive number implies an advantage for non-immigrant students)			
	Ratio	S.E.	%	S.E.	Ratio	S.E.	%	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.		
OECD	0.83	(0.05)	-2.6	(0.8)	0.71	(0.06)	-2.1	(0.5)	-0.23	(0.04)	-0.47	(0.09)	0.22	(0.03)	0.34	(0.05)
Australia	1.28	(0.17)	1.0	(0.6)	2.12	(0.17)	9.8	(1.6)	0.55	(0.06)	-0.28	(0.15)	-0.16	(0.10)	-0.69	(0.07)
Austria	1.93	(0.17)	5.8	(1.3)	2.33	(0.17)	8.5	(1.1)	0.50	(0.04)	-0.10	(0.05)	-0.59	(0.08)	-0.82	(0.07)
Belgium	1.08	(0.09)	1.2	(1.4)	0.98	(0.07)	-0.3	(1.0)	0.00	(0.05)	-0.03	(0.09)	-0.08	(0.05)	0.09	(0.05)
Canada	1.11	(0.34)	0.1	(0.3)	c	c	c	c	0.11	(0.12)	-0.23	(0.21)	-0.08	(0.16)	c	c
Chile	1.47	(0.37)	0.4	(0.3)	1.18	(0.31)	0.4	(0.6)	0.23	(0.10)	-0.37	(0.25)	-0.32	(0.21)	-0.12	(0.15)
Czech Republic	2.17	(0.20)	3.9	(0.8)	2.06	(0.16)	3.9	(0.6)	0.74	(0.05)	-0.62	(0.16)	-0.72	(0.07)	-0.69	(0.06)
Denmark	1.49	(0.15)	3.0	(0.9)	1.51	(0.30)	0.9	(0.5)	0.33	(0.06)	-0.18	(0.08)	-0.34	(0.08)	-0.43	(0.13)
Estonia	1.98	(0.24)	0.6	(0.2)	2.77	(0.11)	4.6	(0.4)	0.63	(0.05)	-0.03	(0.09)	-0.75	(0.12)	-1.03	(0.06)
Finland	1.94	(0.17)	7.0	(1.4)	2.16	(0.21)	6.0	(1.2)	0.65	(0.08)	-0.37	(0.17)	-0.57	(0.09)	-0.69	(0.11)
France	1.42	(0.16)	2.8	(1.0)	1.88	(0.19)	4.1	(0.9)	0.47	(0.07)	-0.20	(0.24)	-0.36	(0.08)	-0.61	(0.09)
Germany	1.61	(0.19)	3.5	(1.1)	2.08	(0.25)	4.1	(1.2)	0.60	(0.07)	-0.51	(0.21)	-0.50	(0.09)	-0.66	(0.11)
Greece	0.66	(0.26)	-0.5	(0.4)	c	c	c	c	-0.16	(0.11)	-0.26	(0.22)	0.26	(0.16)	c	c
Hungary	c	c	c	c	1.81	(0.25)	2.1	(0.7)	0.53	(0.09)	-0.40	(0.18)	c	c	-0.64	(0.13)
Iceland	0.89	(0.13)	-0.6	(0.6)	1.15	(0.16)	0.7	(0.7)	0.00	(0.06)	c	c	0.06	(0.08)	-0.06	(0.08)
Ireland	0.87	(0.10)	-1.3	(1.0)	0.70	(0.11)	-2.5	(1.1)	-0.04	(0.05)	-0.21	(0.10)	0.01	(0.06)	0.17	(0.07)
Israel	1.55	(0.13)	1.4	(0.4)	1.90	(0.13)	3.8	(0.5)	0.46	(0.03)	-0.35	(0.03)	-0.34	(0.06)	-0.58	(0.05)
Italy	c	c	c	c	c	c	c	c	0.50	(0.23)	c	c	c	c	c	c
Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Korea	0.59	(0.06)	-5.0	(0.8)	2.24	(0.15)	28.6	(2.6)	0.32	(0.10)	0.33	(0.04)	0.44	(0.05)	-0.65	(0.04)
Luxembourg	2.72	(0.18)	1.7	(0.2)	2.80	(0.37)	0.4	(0.1)	0.78	(0.05)	-0.65	(0.06)	-1.04	(0.09)	-1.15	(0.20)
Mexico	1.55	(0.24)	2.5	(1.1)	2.01	(0.25)	4.6	(1.1)	0.56	(0.07)	-0.31	(0.16)	-0.46	(0.09)	-0.65	(0.09)
Netherlands	0.83	(0.11)	-2.4	(1.5)	1.51	(0.17)	6.2	(2.0)	0.12	(0.05)	-0.96	(0.11)	0.14	(0.06)	-0.14	(0.08)
New Zealand	1.61	(0.17)	1.8	(0.5)	1.93	(0.18)	5.2	(1.1)	0.43	(0.07)	-0.13	(0.14)	-0.35	(0.09)	-0.50	(0.09)
Norway	c	c	c	c	c	c	c	c	0.02	(0.19)	-0.06	(0.20)	c	c	c	c
Poland	1.90	(0.20)	4.0	(1.0)	1.47	(0.23)	0.9	(0.4)	0.41	(0.07)	-0.07	(0.22)	-0.52	(0.08)	-0.22	(0.12)
Portugal	c	c	c	c	c	c	c	c	0.90	(0.12)	-1.02	(0.13)	c	c	c	c
Slovak Republic	1.34	(0.18)	1.1	(0.6)	2.08	(0.21)	4.8	(1.0)	0.56	(0.06)	-0.66	(0.13)	-0.28	(0.08)	-0.68	(0.10)
Slovenia	1.86	(0.14)	4.1	(0.7)	1.90	(0.14)	4.0	(0.7)	0.32	(0.03)	-0.04	(0.04)	-0.56	(0.06)	-0.59	(0.07)
Spain	1.64	(0.20)	2.6	(0.8)	2.00	(0.16)	7.8	(1.4)	0.55	(0.08)	-0.18	(0.24)	-0.46	(0.08)	-0.61	(0.09)
Sweden	1.66	(0.10)	6.5	(0.9)	2.18	(0.11)	12.5	(1.2)	0.62	(0.03)	-0.11	(0.07)	-0.43	(0.05)	-0.71	(0.05)
Switzerland	1.17	(0.52)	0.1	(0.4)	c	c	c	c	0.50	(0.16)	-0.60	(0.17)	0.20	(0.32)	c	c
Turkey	1.42	(0.16)	2.7	(1.1)	1.07	(0.18)	0.4	(1.0)	0.09	(0.08)	-0.21	(0.13)	-0.15	(0.08)	0.02	(0.12)
United Kingdom	0.92	(0.12)	-0.7	(1.1)	1.48	(0.14)	5.5	(1.6)	0.18	(0.06)	-0.49	(0.10)	0.11	(0.09)	-0.31	(0.06)
United States	1.43	(0.04)	1.5	(0.2)	1.78	(0.04)	4.6	(0.2)	0.37	(0.02)	-0.32	(0.03)	-0.26	(0.02)	-0.47	(0.02)
OECD average	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Partners	1.51	(0.26)	1.6	(0.8)	1.58	(0.55)	0.3	(0.3)	0.52	(0.08)	-0.59	(0.21)	-0.46	(0.09)	-0.63	(0.27)
Albania	2.58	(0.31)	0.9	(0.2)	c	c	c	c	0.29	(0.11)	0.03	(0.13)	-1.04	(0.18)	c	c
Argentina	c	c	c	c	c	c	c	c	0.91	(0.08)	-0.91	(0.08)	c	c	c	c
Brazil	c	c	c	c	c	c	c	c	0.65	(0.14)	-0.47	(0.20)	c	c	c	c
Bulgaria	1.82	(0.28)	4.2	(1.7)	c	c	c	c	0.30	(0.13)	0.28	(0.22)	-0.50	(0.14)	c	c
Colombia	1.20	(0.11)	2.2	(1.3)	c	c	c	c	0.19	(0.06)	-0.03	(0.22)	-0.20	(0.06)	c	c
Costa Rica	1.20	(0.17)	0.7	(0.6)	1.54	(0.18)	2.1	(0.7)	-0.40	(0.04)	0.68	(0.04)	-0.08	(0.07)	-0.23	(0.07)
Croatia	1.01	(0.08)	0.3	(2.5)	1.82	(0.23)	3.0	(0.8)	0.12	(0.05)	-0.37	(0.12)	0.02	(0.04)	-0.54	(0.11)
Cyprus*	c	c	c	c	c	c	c	c	0.06	(0.09)	-0.06	(0.09)	c	c	c	c
Hong Kong-China	0.67	(0.10)	-4.3	(1.4)	0.83	(0.36)	-0.1	(0.3)	-0.23	(0.05)	-0.06	(0.10)	0.30	(0.06)	0.17	(0.19)
Indonesia	1.16	(0.12)	2.2	(1.7)	0.85	(0.23)	-0.2	(0.3)	-0.02	(0.07)	0.18	(0.10)	-0.10	(0.09)	0.01	(0.14)
Jordan	1.09	(0.20)	0.3	(0.7)	1.42	(0.57)	0.5	(0.7)	0.18	(0.07)	-0.21	(0.07)	-0.05	(0.10)	-0.15	(0.26)
Kazakhstan	1.40	(0.36)	7.7	(7.1)	c	c	c	c	0.57	(0.13)	c	c	-0.23	(0.15)	c	c
Latvia	0.81	(0.29)	-0.2	(0.4)	c	c	c	c	0.32	(0.10)	-0.49	(0.12)	0.09	(0.12)	c	c
Liechtenstein	0.81	(0.06)	-12.2	(4.2)	0.89	(0.11)	-0.8	(0.8)	-0.22	(0.03)	0.07	(0.05)	0.15	(0.03)	0.06	(0.06)
Lithuania	1.13	(0.32)	0.2	(0.4)	c	c	c	c	-0.37	(0.06)	0.39	(0.06)	-0.20	(0.13)	c	c
Macao-China	0.62	(0.13)	-2.2	(0.8)	c	c	c	c	-0.19	(0.08)	-0.28	(0.21)	0.29	(0.07)	c	c
Malaysia	c	c	c	c	c	c	c	c	0.98	(0.11)	-0.97	(0.11)	c	c	c	c
Montenegro	0.55	(0.04)	-13.2	(1.2)	0.26	(0.02)	-24.0	(1.0)	-1.07	(0.02)	-0.16	(0.03)	0.35	(0.03)	0.88	(0.03)
Peru	c	c	c	c	c	c	c	c	0.29	(0.16)	-0.37	(0.16)	c	c	c	c
Qatar	1.16	(0.10)	1.4	(0.9)	2.06	(0.30)	1.6	(0.5)	0.23	(0.04)	-0.15	(0.08)	-0.17	(0.05)	-0.70	(0.14)
Romania	0.88	(0.11)	-1.0	(0.9)	0.47	(0.41)	-0.4	(0.3)	-0.09	(0.05)	-0.10	(0.08)	0.15	(0.06)	0.31	(0.29)
Russian Federation	2.93	(0.40)	1.1	(0.4)	c	c	c	c	1.23	(0.13)	-1.12	(0.16)	-1.23	(0.22)	c	c
Serbia	0.55	(0.11)	-2.2	(0.6)	0.78	(0.07)	-3.1	(1.0)	0.37	(0.03)	-0.53	(0.03)	0.30	(0.07)	0.19	(0.05)
Shanghai-China	c	c	c	c	c	c	c	c	0.53	(0.05)	-0.53	(0.05)	c	c	c	c
Singapore	c	c	c	c	c	c	c	c	0.14	(0.07)	-0.14	(0.07)	c	c	c	c
Chinese Taipei	c	c	c	c	c	c	c	c	0.10	(0.15)	-0.15	(0.20)	c	c	c	c
Thailand	0.65	(0.04)	-12.2	(1.6)	0.38	(0.05)	-18.0	(1.7)	-0.81	(0.04)	-0.18	(0.06)	0.34	(0.04)	0.63	(0.05)
Tunisia	c	c	c	c	c	c	c	c	0.11	(0.13)	-0.19	(0.14)	c	c	c	c
United Arab Emirates	c	c	c	c	c	c	c	c	0.67	(0.13)	-0.65	(0.13)	c	c	c	c
Uruguay	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Viet Nam	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

The percentages of immigrant and non-immigrant students who speak the language of assessment at home and those who do not speak the language of assessment at home are calculated over the total student population. The percentages of first- and second-generation students who speak the language of assessment at home and those who do not speak the language of assessment at home are calculated over the total immigrant student population.

* See notes at the beginning of this Annex.

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[Part 1/3]
Mathematics performance and immigrant background for first- and second-generation students
Results based on students' self-reports


Table II.3.6a

	Percentage of students						PISA index of economic, social and cultural status (ESCS)						Mathematics performance					
	Non-immigrant		First-generation		Second-generation		Non-immigrant		First-generation		Second-generation		Non-immigrant		First-generation		Second-generation	
	%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD																		
Australia	77.3	(0.7)	10.2	(0.4)	12.4	(0.6)	0.28	(0.01)	0.26	(0.03)	0.16	(0.03)	503	(1.5)	516	(3.7)	539	(5.3)
Austria	83.6	(1.1)	5.5	(0.5)	10.8	(0.7)	0.19	(0.02)	-0.50	(0.10)	-0.49	(0.04)	517	(2.7)	454	(8.6)	458	(5.3)
Belgium	84.9	(0.9)	7.2	(0.6)	7.9	(0.6)	0.23	(0.02)	-0.26	(0.07)	-0.32	(0.07)	530	(2.1)	448	(6.5)	461	(6.6)
Canada	70.5	(1.3)	13.0	(0.7)	16.5	(0.8)	0.45	(0.02)	0.49	(0.04)	0.19	(0.04)	522	(1.8)	528	(5.2)	514	(4.5)
Chile	99.1	(0.2)	0.7	(0.1)	0.2	(0.1)	-0.58	(0.04)	-0.16	(0.19)	c	c	424	(3.0)	423	(13.3)	c	c
Czech Republic	96.8	(0.4)	1.8	(0.2)	1.4	(0.3)	-0.06	(0.02)	-0.17	(0.09)	-0.15	(0.09)	501	(2.8)	486	(12.0)	461	(21.0)
Denmark	91.1	(0.6)	2.9	(0.2)	6.0	(0.4)	0.49	(0.02)	-0.20	(0.06)	-0.25	(0.05)	508	(2.2)	430	(5.4)	448	(4.0)
Estonia	91.8	(0.5)	0.7	(0.2)	7.5	(0.5)	0.11	(0.01)	c	c	0.06	(0.06)	524	(2.0)	c	c	496	(6.2)
Finland	96.7	(0.2)	1.9	(0.1)	1.5	(0.1)	0.39	(0.02)	-0.38	(0.06)	-0.12	(0.05)	523	(1.9)	427	(8.0)	454	(5.0)
France	85.2	(1.1)	4.9	(0.5)	9.9	(0.8)	0.05	(0.02)	-0.52	(0.08)	-0.53	(0.05)	508	(2.7)	425	(10.5)	448	(6.9)
Germany	86.9	(0.8)	2.7	(0.3)	10.5	(0.7)	0.30	(0.03)	-0.24	(0.10)	-0.46	(0.05)	528	(3.2)	462	(11.2)	478	(5.8)
Greece	89.5	(0.8)	6.3	(0.6)	4.3	(0.4)	0.00	(0.03)	-0.83	(0.06)	-0.47	(0.07)	459	(2.6)	404	(7.3)	414	(7.7)
Hungary	98.3	(0.2)	0.7	(0.2)	1.0	(0.2)	-0.26	(0.03)	c	c	0.18	(0.12)	478	(3.1)	c	c	522	(15.2)
Iceland	96.5	(0.3)	2.8	(0.3)	0.7	(0.1)	0.81	(0.01)	-0.02	(0.09)	c	c	498	(1.8)	437	(9.7)	c	c
Ireland	89.9	(0.7)	8.4	(0.7)	1.7	(0.2)	0.12	(0.02)	0.17	(0.07)	0.24	(0.11)	503	(2.3)	501	(4.8)	503	(12.1)
Israel	81.7	(1.2)	5.5	(0.6)	12.7	(0.8)	0.21	(0.03)	-0.07	(0.08)	0.08	(0.06)	470	(4.6)	469	(7.7)	480	(8.3)
Italy	92.5	(0.3)	5.5	(0.3)	2.0	(0.2)	-0.01	(0.01)	-0.59	(0.03)	-0.45	(0.06)	490	(2.0)	435	(3.3)	461	(7.4)
Japan	99.7	(0.1)	0.1	(0.0)	0.2	(0.1)	-0.07	(0.02)	c	c	c	c	539	(3.5)	c	c	c	c
Korea	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.01	(0.03)	c	c	c	c	555	(4.6)	c	c	c	c
Luxembourg	53.6	(0.7)	17.4	(0.5)	28.9	(0.6)	0.47	(0.01)	-0.27	(0.04)	-0.46	(0.03)	511	(1.7)	470	(4.1)	470	(2.5)
Mexico	98.7	(0.1)	0.8	(0.1)	0.5	(0.1)	-1.10	(0.02)	-1.60	(0.16)	-1.22	(0.17)	416	(1.3)	333	(6.3)	359	(9.9)
Netherlands	89.4	(1.0)	2.7	(0.4)	7.9	(0.9)	0.31	(0.02)	-0.19	(0.10)	-0.35	(0.06)	531	(3.4)	471	(10.1)	475	(9.0)
New Zealand	73.7	(1.5)	16.8	(1.0)	9.5	(0.8)	0.05	(0.02)	0.14	(0.04)	-0.20	(0.06)	503	(2.7)	509	(5.2)	492	(7.1)
Norway	90.6	(0.9)	4.7	(0.5)	4.7	(0.6)	0.52	(0.02)	-0.17	(0.07)	0.00	(0.07)	496	(2.8)	442	(6.2)	457	(9.2)
Poland	99.8	(0.1)	0.0	(0.0)	0.2	(0.1)	-0.21	(0.03)	c	c	c	c	518	(3.6)	c	c	c	c
Portugal	93.1	(0.6)	3.6	(0.5)	3.3	(0.4)	-0.47	(0.05)	-0.67	(0.08)	-0.57	(0.16)	493	(3.7)	451	(8.2)	445	(10.1)
Slovak Republic	99.3	(0.2)	0.3	(0.1)	0.4	(0.1)	-0.18	(0.03)	c	c	c	c	484	(3.4)	c	c	c	c
Slovenia	91.4	(0.4)	2.1	(0.2)	6.5	(0.4)	0.12	(0.01)	-0.58	(0.09)	-0.48	(0.06)	506	(1.2)	433	(10.3)	463	(5.3)
Spain	90.1	(0.6)	8.4	(0.5)	1.5	(0.2)	-0.14	(0.03)	-0.68	(0.04)	-0.40	(0.12)	491	(1.7)	436	(4.8)	457	(8.5)
Sweden	85.5	(0.9)	5.9	(0.5)	8.6	(0.7)	0.36	(0.02)	-0.38	(0.08)	-0.10	(0.06)	490	(2.3)	414	(7.3)	445	(5.3)
Switzerland	75.9	(0.9)	6.7	(0.4)	17.4	(0.7)	0.34	(0.02)	-0.27	(0.07)	-0.37	(0.04)	548	(3.0)	472	(5.8)	489	(3.8)
Turkey	99.1	(0.2)	0.2	(0.1)	0.7	(0.2)	-1.46	(0.04)	c	c	-1.03	(0.19)	449	(4.8)	c	c	476	(35.4)
United Kingdom	87.3	(1.1)	7.1	(0.8)	5.6	(0.5)	0.28	(0.02)	0.19	(0.09)	0.20	(0.06)	499	(2.8)	495	(11.7)	483	(7.3)
United States	78.5	(2.0)	6.7	(0.8)	14.8	(1.4)	0.34	(0.03)	-0.43	(0.10)	-0.39	(0.08)	487	(3.6)	463	(9.3)	478	(6.6)
OECD average	88.8	(0.1)	4.8	(0.1)	6.4	(0.1)	0.06	(0.00)	-0.29	(0.02)	-0.27	(0.02)	500	(0.5)	453	(1.6)	469	(2.0)
Partners																		
Albania	0.0	c	0.0	c	0.0	c	m	m	m	m	m	m	c	c	c	c	c	c
Argentina	96.1	(0.4)	1.5	(0.2)	2.4	(0.3)	-0.68	(0.04)	-1.54	(0.14)	-1.39	(0.13)	392	(3.4)	351	(9.5)	358	(9.4)
Brazil	99.3	(0.1)	0.4	(0.1)	0.4	(0.1)	-1.16	(0.02)	-1.16	(0.21)	-0.62	(0.29)	394	(2.1)	339	(18.6)	337	(17.4)
Bulgaria	99.5	(0.2)	0.2	(0.1)	0.4	(0.1)	-0.27	(0.04)	c	c	c	c	442	(3.9)	c	c	c	c
Colombia	99.7	(0.1)	0.1	(0.1)	0.2	(0.0)	-1.26	(0.04)	c	c	c	c	378	(2.9)	c	c	c	c
Costa Rica	94.5	(0.7)	2.1	(0.3)	3.5	(0.7)	-0.94	(0.04)	-1.34	(0.17)	-1.76	(0.20)	409	(2.9)	390	(9.9)	374	(14.1)
Croatia	87.9	(0.8)	3.7	(0.4)	8.4	(0.5)	-0.30	(0.02)	-0.71	(0.07)	-0.54	(0.05)	474	(3.6)	453	(10.2)	456	(5.0)
Cyprus*	91.5	(0.4)	6.7	(0.3)	1.8	(0.2)	0.10	(0.01)	-0.18	(0.05)	0.32	(0.10)	444	(1.2)	420	(5.2)	439	(11.0)
Hong Kong-China	65.3	(1.5)	14.2	(1.0)	20.5	(0.8)	-0.56	(0.06)	-1.35	(0.04)	-1.14	(0.03)	566	(3.7)	543	(5.2)	570	(4.2)
Indonesia	99.8	(0.1)	0.1	(0.0)	0.1	(0.0)	-1.80	(0.05)	c	c	c	c	376	(4.0)	c	c	c	c
Jordan	86.6	(0.7)	2.8	(0.3)	10.6	(0.6)	-0.47	(0.02)	-0.07	(0.10)	-0.22	(0.06)	388	(2.8)	416	(8.9)	408	(5.1)
Kazakhstan	83.9	(1.7)	6.5	(1.2)	9.6	(1.0)	-0.29	(0.02)	-0.67	(0.05)	-0.31	(0.06)	433	(3.1)	407	(5.8)	440	(8.2)
Latvia	95.5	(0.5)	0.4	(0.1)	4.1	(0.5)	-0.26	(0.03)	c	c	-0.15	(0.09)	492	(2.8)	c	c	487	(8.4)
Liechtenstein	66.7	(2.9)	13.4	(2.2)	19.9	(2.3)	0.44	(0.05)	0.06	(0.19)	0.00	(0.13)	554	(5.6)	499	(14.6)	507	(11.9)
Lithuania	98.3	(0.3)	0.2	(0.1)	1.4	(0.3)	-0.13	(0.02)	c	c	-0.12	(0.10)	480	(2.7)	c	c	473	(8.5)
Macao-China	34.9	(0.6)	15.5	(0.4)	49.7	(0.7)	-0.69	(0.02)	-0.90	(0.03)	-1.02	(0.01)	530	(2.1)	541	(3.0)	546	(1.8)
Malaysia	98.3	(0.3)	0.1	(0.0)	1.7	(0.3)	-0.71	(0.03)	c	c	-1.36	(0.14)	423	(3.2)	c	c	404	(9.1)
Montenegro	94.2	(0.4)	3.1	(0.3)	2.7	(0.2)	-0.26	(0.01)	-0.21	(0.07)	-0.01	(0.08)	410	(1.2)	427	(8.4)	436	(8.1)
Peru	99.5	(0.1)	0.2	(0.1)	0.3	(0.1)	-1.22	(0.05)	c	c	c	c	370	(3.6)	c	c	c	c
Qatar	48.0	(0.4)	34.7	(0.4)	17.3	(0.4)	0.42	(0.01)	0.55	(0.01)	0.25	(0.02)	335	(1.1)	443	(1.5)	388	(2.2)
Romania	99.8	(0.1)	0.1	(0.0)	0.0	(0.0)	-0.47	(0.04)	c	c	c	c	445	(3.8)	c	c	c	c
Russian Federation	89.1	(0.8)	3.2	(0.4)	7.7	(0.6)	-0.10	(0.02)	-0.18	(0.06)	-0.17	(0.06)	486	(3.2)	457	(7.9)	467	(4.9)
Serbia	91.5	(0.8)	1.9	(0.3)	6.6	(0.6)	-0.30	(0.02)	-0.36	(0.12)	-0.27	(0.06)	449	(3.4)	439	(13.1)	471	(7.0)
Shanghai-China	99.1	(0.2)	0.6	(0.1)	0.3	(0.1)	-0.35	(0.04)	-1.03	(0.24)	c	c	615	(3.2)	510	(14.6)	c	c
Singapore	81.7	(0.8)	12.4	(0.7)	5.9	(0.3)	-0.34	(0.01)	0.22	(0.04)	-0.10	(0.05)	570	(1.6)	591	(4.3)	609	(6.4)
Chinese Taipei	99.5	(0.1)	0.1	(0.0)	0.4	(0.1)	-0.39	(0.02)	c	c	c	c	562	(3.3)	c	c	c	c
Thailand	99.3	(0.4)	0.0	(0.0)	0.6	(0.4)	-1.34	(0.04)	c	c	-3.29	(0.16)	428	(3.3)	c	c	412	(58.0)
Tunisia	99.6	(0.1)	0.1	(0.0)	0.4	(0.1)	-1.19	(0.05)	c	c	c	c	389	(4.0)	c	c	c	c
United Arab Emirates	45.1	(1.4)	31.6	(1.0)	23.3	(0.7)	0.27	(0.03)	0.47	(0.02)	0.23	(0.03)	400	(2.4)	483	(2.9)	443	(2.9)
Uruguay	99.5	(0.1)	0.3	(0.1)	0.2	(0.1)	-0.88	(0.03)	c	c	c	c	412	(2.6)	c	c	c	c
Viet Nam	99.9	(0.1)	0.0	(0.0)	0.1	(0.1)	-1.81	(0.05)	c	c	c	c	512	(4.8)	c	c	c	c

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are those whose parents were born in a country/economy other than the country/economy of assessment. Second-generation immigrant students were born in the country/economy of assessment but their parents were not. First-generation immigrant students were not born in the country/economy of assessment and their parents were also not born in the country/economy of assessment.

* See notes at the beginning of this Annex.

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[Part 2/3]

Mathematics performance and immigrant background for first- and second-generation studentsTable II.3.6a *Results based on students' self-reports*

	Difference in mathematics performance between non-immigrant and first-generation students		Difference in mathematics performance between non-immigrant and second-generation students		Difference in mathematics performance between second- and first-generation students		Difference in mathematics performance between non-immigrant and first-generation students, AFTER accounting for socio-economic status		Difference in mathematics performance between non-immigrant and second-generation students, AFTER accounting for socio-economic status		Difference in mathematics performance between second- and first-generation students, AFTER accounting for socio-economic status		Increased likelihood of first-generation students scoring in the bottom quarter of the mathematics performance distribution	
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Ratio	S.E.
OECD														
Australia	-13	(3.6)	-36	(5.1)	23	(5.7)	-14	(3.1)	-41	(4.9)	-27	(5.3)	0.98	(0.06)
Austria	62	(9.1)	58	(5.3)	4	(9.3)	35	(7.7)	32	(5.6)	-4	(8.3)	2.02	(0.20)
Belgium	82	(6.4)	69	(6.4)	13	(8.1)	59	(5.0)	44	(5.1)	-15	(6.9)	2.27	(0.17)
Canada	-6	(5.4)	8	(4.7)	-14	(5.0)	-5	(4.7)	0	(4.3)	5	(4.5)	0.98	(0.08)
Chile	1	(12.9)	c	c	c	c	15	(11.1)	c	c	c	c	1.11	(0.40)
Czech Republic	15	(12.0)	40	(20.5)	-25	(23.1)	9	(11.4)	35	(20.3)	26	(22.9)	1.05	(0.31)
Denmark	79	(5.3)	60	(4.6)	18	(6.7)	53	(5.0)	33	(3.8)	-20	(5.9)	2.50	(0.16)
Estonia	c	c	28	(6.2)	c	c	c	c	27	(5.4)	c	c	c	c
Finland	97	(7.8)	70	(5.3)	27	(9.8)	73	(7.3)	54	(5.0)	-20	(9.0)	2.80	(0.13)
France	83	(11.5)	60	(7.2)	23	(12.2)	51	(10.5)	29	(6.8)	-24	(11.4)	2.41	(0.25)
Germany	66	(11.1)	51	(6.5)	15	(11.8)	44	(10.9)	20	(6.0)	-23	(11.6)	2.00	(0.22)
Greece	55	(7.9)	45	(8.0)	10	(9.3)	28	(8.3)	29	(7.3)	-3	(9.6)	1.94	(0.21)
Hungary	c	c	-44	(14.1)	c	c	c	c	-24	(13.0)	c	c	c	c
Iceland	60	(9.8)	c	c	c	c	36	(9.5)	c	c	c	c	1.94	(0.23)
Ireland	2	(4.7)	0	(12.5)	2	(12.6)	4	(4.7)	5	(12.2)	0	(12.9)	1.04	(0.12)
Israel	1	(7.9)	-11	(6.8)	11	(9.1)	-14	(6.8)	-17	(5.9)	-6	(8.6)	0.95	(0.15)
Italy	55	(3.7)	30	(7.3)	25	(7.9)	38	(3.5)	17	(6.5)	-21	(7.4)	1.96	(0.10)
Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Korea	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Luxembourg	41	(4.7)	40	(3.4)	0	(4.6)	11	(4.6)	11	(3.5)	-7	(4.5)	1.64	(0.10)
Mexico	82	(6.2)	57	(9.8)	25	(11.9)	73	(5.3)	55	(8.3)	-19	(10.3)	2.78	(0.19)
Netherlands	60	(10.2)	56	(8.5)	4	(12.6)	41	(10.8)	32	(8.9)	-6	(12.9)	1.83	(0.31)
New Zealand	-6	(5.7)	11	(7.9)	-17	(8.1)	-2	(4.6)	-1	(7.2)	-2	(7.4)	1.07	(0.09)
Norway	54	(6.6)	39	(9.7)	15	(9.5)	33	(6.9)	23	(9.0)	-11	(9.0)	2.06	(0.17)
Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Portugal	42	(7.9)	47	(10.3)	-6	(11.5)	35	(7.0)	44	(11.8)	9	(11.9)	1.85	(0.18)
Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Slovenia	74	(10.4)	43	(5.4)	30	(11.3)	45	(9.0)	20	(4.9)	-27	(10.3)	2.30	(0.26)
Spain	55	(4.5)	35	(8.2)	21	(8.6)	38	(4.6)	26	(7.9)	-14	(8.5)	2.05	(0.14)
Sweden	77	(7.4)	45	(5.6)	31	(7.8)	52	(7.5)	31	(5.1)	-25	(7.9)	2.42	(0.18)
Switzerland	76	(5.1)	59	(3.2)	17	(4.9)	55	(4.3)	37	(3.3)	-20	(4.5)	2.04	(0.11)
Turkey	c	c	-27	(35.5)	c	c	c	c	-14	(31.8)	c	c	c	c
United Kingdom	4	(11.3)	16	(7.1)	-12	(11.4)	0	(9.1)	13	(6.1)	12	(10.0)	1.21	(0.18)
United States	23	(9.3)	8	(6.3)	15	(9.7)	-6	(7.4)	-19	(5.5)	-14	(8.0)	1.45	(0.18)
OECD average	45	(1.6)	31	(2.0)	10	(2.1)	29	(1.4)	18	(1.9)	-10	(2.0)	1.80	(0.04)
Partners														
Albania	c	c	c	c	c	c	m	m	m	m	m	m	c	c
Argentina	41	(10.2)	34	(8.3)	7	(12.5)	19	(10.3)	16	(8.9)	-5	(12.6)	1.63	(0.41)
Brazil	55	(17.9)	57	(17.6)	-2	(27.9)	55	(17.6)	71	(17.7)	12	(28.3)	2.29	(0.44)
Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Colombia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Costa Rica	19	(10.3)	35	(13.7)	-16	(17.8)	10	(8.6)	16	(9.8)	5	(13.9)	1.57	(0.31)
Croatia	21	(9.9)	18	(4.9)	3	(9.7)	6	(10.2)	10	(4.4)	2	(9.8)	1.33	(0.21)
Cyprus*	25	(5.4)	6	(11.2)	19	(12.1)	14	(5.1)	14	(10.0)	5	(11.1)	1.53	(0.12)
Hong Kong-China	23	(6.2)	-3	(4.3)	26	(5.5)	0	(5.1)	-19	(4.0)	-22	(5.0)	1.41	(0.13)
Indonesia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Jordan	-28	(8.8)	-20	(4.2)	-8	(8.3)	-18	(7.6)	-14	(4.0)	4	(7.6)	0.77	(0.15)
Kazakhstan	27	(6.4)	-7	(7.9)	34	(9.9)	17	(6.3)	-7	(7.4)	-26	(10.0)	1.52	(0.18)
Latvia	c	c	5	(8.1)	c	c	c	c	9	(8.0)	c	c	c	c
Liechtenstein	55	(16.6)	47	(14.1)	9	(20.1)	46	(16.6)	36	(14.5)	-10	(19.9)	1.64	(0.46)
Lithuania	c	c	7	(9.0)	c	c	c	c	7	(8.8)	c	c	c	c
Macao-China	-12	(3.6)	-17	(3.2)	5	(3.9)	-17	(3.6)	-23	(3.2)	-7	(4.0)	0.98	(0.07)
Malaysia	c	c	19	(9.4)	c	c	c	c	0	(10.3)	c	c	c	c
Montenegro	-17	(8.7)	-26	(8.3)	10	(11.0)	-15	(8.3)	-18	(8.0)	-4	(10.5)	0.78	(0.18)
Peru	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Qatar	-107	(1.9)	-53	(2.4)	-54	(2.6)	-104	(1.9)	-56	(2.3)	44	(2.7)	0.25	(0.01)
Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Russian Federation	28	(8.0)	19	(5.2)	10	(9.1)	25	(7.2)	16	(5.1)	-9	(8.4)	1.57	(0.23)
Serbia	10	(12.4)	-21	(6.4)	31	(13.1)	8	(10.7)	-21	(5.9)	-28	(11.6)	1.09	(0.26)
Shanghai-China	104	(13.9)	c	c	c	c	77	(14.7)	c	c	c	c	2.84	(0.31)
Singapore	-21	(4.8)	-39	(6.9)	18	(7.6)	4	(5.2)	-28	(6.5)	-30	(7.3)	0.74	(0.07)
Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Thailand	c	c	16	(57.3)	c	c	c	c	-29	(54.1)	c	c	c	c
Tunisia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
United Arab Emirates	-83	(3.5)	-43	(3.3)	-40	(3.0)	-77	(3.5)	-44	(3.2)	30	(2.7)	0.34	(0.03)
Uruguay	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Viet Nam	c	c	c	c	c	c	c	c	c	c	c	c	c	c

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are those whose parents were born in a country/economy other than the country/economy of assessment. Second-generation immigrant students were born in the country/economy of assessment but their parents were not. First-generation immigrant students were not born in the country/economy of assessment and their parents were also not born in the country/economy of assessment.

* See notes at the beginning of this Annex.

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[Part 3/3]

Mathematics performance and immigrant background for first- and second-generation students


Table II.3.6a Results based on students' self-reports

	Increased likelihood of second-generation students scoring in the bottom quarter of the mathematics performance distribution		Population relevance of first-generation students scoring in the bottom quarter of the mathematics performance distribution		Population relevance of second-generation students scoring in the bottom quarter of the mathematics performance distribution		Effect size in mathematics performance for first-generation students (positive number implies an advantage for non-immigrant students)		Effect size in mathematics performance for second-generation students (positive number implies an advantage for non-immigrant students)		Increased likelihood of immigrant students scoring in the bottom quarter of the mathematics performance distribution		Population relevance of non-immigrant students scoring in the bottom quarter of the mathematics performance distribution		Effect size in mathematics performance for non-immigrant students (positive number implies an advantage for non-immigrant students)		
	Ratio	S.E.	%	S.E.	%	S.E.	Effect size	S.E.	Effect size	S.E.	Ratio	S.E.	%	S.E.	Effect size	S.E.	
OECD																	
Australia	0.69	(0.05)	-0.2	(0.6)	-4.0	(0.7)	0.08	(0.04)	0.36	(0.05)	0.27	(0.03)	1.3	(0.1)	16.34	(3.43)	
Austria	1.95	(0.15)	5.3	(1.1)	9.3	(1.3)	-0.59	(0.10)	-0.60	(0.06)	-0.66	(0.06)	0.5	(0.0)	-81.60	(9.78)	
Belgium	2.01	(0.13)	8.3	(1.3)	7.4	(1.2)	-0.79	(0.07)	-0.64	(0.06)	-0.78	(0.05)	0.4	(0.0)	-96.64	(8.55)	
Canada	1.13	(0.07)	-0.2	(1.1)	2.0	(1.2)	0.08	(0.06)	-0.11	(0.05)	-0.02	(0.05)	0.9	(0.1)	-5.07	(4.83)	
Chile	c	c	0.1	(0.3)	c	c	-0.01	(0.16)	c	c	-0.02	(0.16)	1.0	(0.3)	-3.80	(32.18)	
Czech Republic	1.70	(0.26)	0.1	(0.5)	1.0	(0.4)	-0.15	(0.12)	-0.35	(0.17)	-0.25	(0.11)	0.7	(0.1)	-32.54	(21.92)	
Denmark	2.18	(0.17)	4.2	(0.4)	6.6	(1.1)	-0.95	(0.07)	-0.73	(0.06)	-0.84	(0.05)	0.4	(0.0)	-115.47	(10.60)	
Estonia	1.45	(0.15)	c	c	3.3	(1.0)	c	c	-0.35	(0.08)	-0.38	(0.07)	0.7	(0.1)	-46.53	(12.03)	
Finland	2.31	(0.15)	3.2	(0.4)	1.9	(0.2)	-1.10	(0.08)	-0.82	(0.07)	-0.99	(0.05)	0.4	(0.0)	-151.53	(9.69)	
France	1.94	(0.18)	6.4	(1.4)	8.5	(1.7)	-0.78	(0.13)	-0.59	(0.08)	-0.71	(0.08)	0.4	(0.0)	-93.60	(11.43)	
Germany	1.72	(0.17)	2.6	(0.6)	7.0	(1.6)	-0.61	(0.11)	-0.53	(0.07)	-0.57	(0.06)	0.5	(0.0)	-66.92	(11.31)	
Greece	1.71	(0.20)	5.5	(1.3)	2.9	(0.9)	-0.64	(0.09)	-0.49	(0.09)	-0.61	(0.08)	0.5	(0.0)	-76.10	(13.93)	
Hungary	0.39	(0.19)	c	c	-0.6	(0.2)	c	c	0.51	(0.15)	0.33	(0.14)	1.6	(0.7)	34.05	(24.38)	
Iceland	c	c	2.6	(0.7)	c	c	-0.67	(0.12)	c	c	-0.58	(0.10)	0.5	(0.1)	-78.05	(19.56)	
Ireland	1.01	(0.23)	0.3	(1.0)	0.0	(0.4)	-0.03	(0.06)	0.00	(0.15)	-0.02	(0.06)	1.0	(0.1)	-3.14	(9.55)	
Israel	0.77	(0.09)	-0.3	(0.8)	-3.0	(1.2)	-0.02	(0.08)	0.11	(0.07)	0.07	(0.06)	1.2	(0.2)	15.77	(8.16)	
Italy	1.39	(0.13)	5.0	(0.5)	0.8	(0.3)	-0.59	(0.04)	-0.28	(0.07)	-0.52	(0.04)	0.5	(0.0)	-73.01	(7.54)	
Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Korea	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Luxembourg	1.47	(0.08)	10.0	(1.5)	11.9	(1.8)	-0.27	(0.05)	-0.33	(0.03)	-0.44	(0.04)	0.5	(0.0)	-36.07	(3.28)	
Mexico	2.47	(0.24)	1.5	(0.2)	0.7	(0.1)	-1.18	(0.10)	-0.77	(0.17)	-1.02	(0.09)	0.4	(0.0)	-163.65	(15.59)	
Netherlands	1.90	(0.22)	2.2	(0.9)	6.7	(1.6)	-0.64	(0.12)	-0.61	(0.09)	-0.65	(0.07)	0.5	(0.0)	-77.57	(13.79)	
New Zealand	1.27	(0.18)	1.2	(1.4)	2.5	(1.7)	0.07	(0.05)	-0.12	(0.07)	0.00	(0.05)	0.9	(0.1)	-12.25	(8.43)	
Norway	1.74	(0.20)	4.7	(0.9)	3.3	(1.0)	-0.59	(0.08)	-0.40	(0.11)	-0.52	(0.08)	0.5	(0.0)	-81.95	(11.01)	
Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Portugal	1.79	(0.22)	2.9	(0.7)	2.5	(0.8)	-0.42	(0.09)	-0.49	(0.10)	-0.47	(0.08)	0.5	(0.1)	-76.95	(15.42)	
Slovak Republic	c	c	c	c	c	c	c	c	c	c	0.05	(0.20)	0.8	(0.2)	-24.19	(34.50)	
Slovenia	1.71	(0.15)	2.7	(0.5)	4.4	(1.0)	-0.79	(0.15)	-0.48	(0.07)	-0.58	(0.06)	0.5	(0.0)	-78.49	(12.20)	
Spain	1.51	(0.20)	8.1	(1.1)	0.8	(0.3)	-0.66	(0.06)	-0.35	(0.10)	-0.62	(0.05)	0.5	(0.0)	-82.39	(9.28)	
Sweden	1.62	(0.13)	7.7	(1.2)	5.1	(1.1)	-0.81	(0.09)	-0.47	(0.06)	-0.66	(0.06)	0.5	(0.0)	-81.91	(9.62)	
Switzerland	1.98	(0.09)	6.6	(0.7)	14.5	(1.1)	-0.69	(0.05)	-0.57	(0.03)	-0.70	(0.03)	0.4	(0.0)	-75.09	(4.57)	
Turkey	1.05	(0.55)	c	c	0.0	(0.4)	c	c	0.26	(0.32)	0.03	(0.29)	0.7	(0.2)	-46.93	(45.54)	
United Kingdom	1.36	(0.14)	1.5	(1.3)	2.0	(0.8)	-0.03	(0.12)	-0.16	(0.07)	-0.10	(0.08)	0.8	(0.1)	-25.56	(10.72)	
United States	1.12	(0.09)	2.9	(1.2)	1.8	(1.2)	-0.24	(0.10)	-0.07	(0.07)	-0.14	(0.07)	0.8	(0.1)	-19.57	(8.49)	
OECD average	1.55	(0.04)	3.5	(0.2)	3.5	(0.2)	-0.48	(0.02)	-0.32	(0.02)	-0.39	(0.02)	0.7	(0.0)	-56.14	(2.95)	
Partners																	
Albania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Argentina	1.46	(0.20)	1.0	(0.6)	1.1	(0.4)	-0.55	(0.13)	-0.44	(0.10)	-0.50	(0.08)	0.7	(0.1)	-51.00	(21.25)	
Brazil	2.22	(0.50)	0.5	(0.2)	0.5	(0.2)	-0.69	(0.26)	-0.73	(0.24)	-0.71	(0.16)	0.4	(0.1)	-124.46	(28.19)	
Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Colombia	c	c	c	c	c	c	c	c	c	c	-1.05	(0.20)	0.4	(0.1)	-143.29	(56.51)	
Costa Rica	1.87	(0.36)	1.2	(0.7)	2.9	(1.5)	-0.26	(0.15)	-0.51	(0.20)	-0.42	(0.13)	0.6	(0.1)	-71.37	(22.47)	
Croatia	1.16	(0.10)	1.2	(0.8)	1.3	(0.8)	-0.22	(0.11)	-0.21	(0.06)	-0.22	(0.06)	0.8	(0.1)	-19.98	(9.35)	
Cyprus*	1.14	(0.33)	3.4	(0.7)	0.3	(0.6)	-0.26	(0.06)	-0.04	(0.12)	-0.22	(0.05)	0.7	(0.1)	-40.71	(10.14)	
Hong Kong-China	0.92	(0.07)	5.5	(1.6)	-1.7	(1.6)	-0.25	(0.06)	0.08	(0.04)	-0.08	(0.05)	0.9	(0.1)	-9.77	(5.75)	
Indonesia	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Jordan	0.68	(0.11)	-0.7	(0.5)	-3.5	(1.3)	0.33	(0.11)	0.25	(0.05)	0.29	(0.06)	1.5	(0.2)	28.19	(9.77)	
Kazakhstan	0.84	(0.14)	3.3	(1.2)	-1.5	(1.4)	-0.41	(0.09)	0.12	(0.11)	-0.09	(0.08)	0.9	(0.1)	-10.57	(8.51)	
Latvia	1.14	(0.21)	c	c	0.6	(0.9)	c	c	-0.06	(0.10)	-0.07	(0.09)	0.9	(0.1)	-14.83	(19.67)	
Liechtenstein	1.89	(0.45)	7.9	(5.6)	15.1	(6.4)	-0.49	(0.19)	-0.40	(0.16)	-0.55	(0.14)	0.5	(0.1)	-56.70	(18.69)	
Lithuania	1.03	(0.33)	c	c	0.0	(0.5)	c	c	-0.08	(0.11)	-0.01	(0.11)	1.1	(0.4)	1.04	(29.56)	
Macao-China	0.81	(0.05)	-0.4	(1.1)	-10.5	(2.9)	0.02	(0.04)	0.14	(0.03)	0.17	(0.03)	1.3	(0.1)	8.57	(2.13)	
Malaysia	1.28	(0.28)	c	c	0.5	(0.5)	c	c	-0.26	(0.13)	-0.28	(0.12)	0.8	(0.2)	-26.64	(26.23)	
Montenegro	0.56	(0.18)	-0.7	(0.6)	-1.2	(0.5)	0.19	(0.10)	0.32	(0.10)	0.26	(0.08)	1.5	(0.3)	31.60	(13.69)	
Peru	c	c	c	c	c	c	c	c	c	c	-0.97	(0.29)	0.3	(0.0)	-185.77	(40.24)	
Qatar	0.72	(0.04)	-35.2	(1.0)	-5.2	(0.8)	1.03	(0.02)	0.08	(0.03)	1.02	(0.02)	3.3	(0.1)	52.46	(1.63)	
Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Russian Federation	1.18	(0.14)	1.8	(0.7)	1.3	(1.1)	-0.32	(0.09)	-0.21	(0.06)	-0.26	(0.05)	0.8	(0.1)	-27.26	(9.01)	
Serbia	0.79	(0.14)	0.2	(0.5)	-1.4	(1.0)	-0.12	(0.13)	0.24	(0.07)	0.16	(0.07)	1.2	(0.1)	13.79	(10.86)	
Shanghai-China	c	c	1.1	(0.3)	c	c	-1.15	(0.18)	c	c	-1.33	(0.17)	0.3	(0.0)	-200.46	(26.79)	
Singapore	0.58	(0.08)	-3.3	(0.9)	-2.5	(0.5)	0.18	(0.05)	0.35	(0.07)	0.26	(0.04)	1.5	(0.1)	28.81	(4.63)	
Chinese Taipei	c	c	c	c	c	c	c	c	c	c	-0.28	(0.21)	0.7	(0.3)	-48.43	(39.00)	
Thailand	1.74	(0.65)	c	c	0.5	(0.6)	c	c	-0.15	(0.57)	-0.17	(0.57)	0.6	(0.2)	-77.45	(67.00)	
Tunisia	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
United Arab Emirates	0.81	(0.05)	-26.4	(1.7)	-4.8	(1.4)	0.81	(0.03)	0.10	(0.04)	0.81	(0.04)	2.5	(0.2)	39.53	(2.75)	
Uruguay	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Viet Nam	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are those whose parents were born in a country/economy other than the country/economy of assessment. Second-generation immigrant students were born in the country/economy of assessment but their parents were not. First-generation immigrant students were not born in the country/economy of assessment and their parents were also not born in the country/economy of assessment.

* See notes at the beginning of this Annex.

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[Part 1/6]


Change between 2003 and 2012 in the relationship between mathematics performance and immigrant background for first- and second-generation students
Table II.3.6b *Results based on students' self-reports*

	PISA 2003																		
	Percentage of students						Average performance in mathematics						PISA index of economic, social and cultural status (ESCS)						
	Non-immigrant		Second-generation		First-generation		Non-immigrant		Second-generation		First-generation		Non-immigrant		Second-generation		First-generation		
	%	S.E.	%	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	
OECD	Australia	77.3	(1.1)	11.7	(0.6)	11.0	(0.7)	527	(2.1)	522	(4.7)	525	(4.9)	0.08	(0.0)	-0.15	(0.0)	0.06	(0.0)
	Austria	86.9	(1.0)	4.0	(0.5)	9.1	(0.7)	516	(3.2)	464	(8.3)	453	(5.9)	-0.18	(0.0)	-0.81	(0.1)	-0.76	(0.1)
	Belgium	88.2	(0.9)	6.3	(0.6)	5.5	(0.6)	546	(2.5)	454	(7.5)	437	(10.8)	0.06	(0.0)	-0.71	(0.1)	-0.60	(0.1)
	Canada	79.9	(1.1)	9.2	(0.5)	10.9	(0.8)	537	(1.6)	543	(4.3)	530	(4.7)	0.21	(0.0)	0.15	(0.0)	0.34	(0.0)
	Czech Republic	98.7	(0.2)	0.5	(0.1)	0.8	(0.1)	523	(3.2)	c	c	500	(14.5)	-0.05	(0.0)	c	c	-0.30	(0.2)
	Denmark	93.5	(0.8)	3.5	(0.6)	3.0	(0.4)	520	(2.5)	449	(11.2)	455	(10.1)	0.13	(0.0)	-0.61	(0.1)	-0.39	(0.1)
	Finland	98.1	(0.2)	0.0	(0.0)	1.8	(0.2)	546	(1.9)	c	c	474	(10.6)	0.06	(0.0)	c	c	-0.14	(0.1)
	France	85.7	(1.3)	10.8	(1.1)	3.5	(0.5)	520	(2.4)	472	(6.1)	448	(15.0)	-0.20	(0.0)	-1.00	(0.1)	-0.99	(0.1)
	Germany	84.6	(1.1)	6.9	(0.8)	8.5	(0.7)	525	(3.5)	432	(9.1)	454	(7.5)	0.20	(0.0)	-0.93	(0.1)	-0.89	(0.1)
	Greece	92.6	(0.6)	0.5	(0.1)	6.9	(0.7)	449	(3.9)	c	c	402	(6.3)	-0.27	(0.1)	c	c	-0.77	(0.1)
	Hungary	97.7	(0.2)	0.1	(0.0)	2.2	(0.2)	491	(3.0)	c	c	488	(10.8)	-0.31	(0.0)	c	c	-0.35	(0.1)
	Iceland	99.0	(0.2)	0.2	(0.1)	0.8	(0.2)	517	(1.4)	c	c	c	c	0.55	(0.0)	c	c	c	c
	Ireland	96.5	(0.3)	1.0	(0.2)	2.5	(0.3)	503	(2.4)	474	(19.2)	509	(11.8)	-0.27	(0.0)	-0.07	(0.2)	0.17	(0.1)
	Italy	97.9	(0.3)	0.4	(0.1)	1.7	(0.2)	468	(3.0)	461	(21.2)	441	(14.3)	-0.27	(0.0)	-0.06	(0.2)	-0.54	(0.1)
	Japan	99.9	(0.0)	0.0	(0.0)	0.1	(0.0)	535	(4.0)	c	c	c	c	-0.41	(0.0)	c	c	c	c
	Korea	100.0	(0.0)	0.0	(0.0)	0.0	c	543	(3.2)	c	c	c	c	-0.36	(0.0)	c	c	c	c
	Luxembourg	66.7	(0.6)	15.8	(0.6)	17.4	(0.5)	507	(1.3)	476	(3.3)	462	(3.7)	0.15	(0.0)	-0.47	(0.1)	-0.65	(0.0)
	Mexico	97.7	(0.3)	0.5	(0.1)	1.8	(0.2)	392	(3.6)	333	(29.3)	292	(12.7)	-1.27	(0.1)	-1.53	(0.3)	-1.96	(0.1)
	Netherlands	89.0	(1.4)	7.1	(1.1)	3.9	(0.4)	551	(3.0)	492	(10.3)	472	(8.4)	0.00	(0.0)	-0.78	(0.1)	-0.55	(0.1)
	New Zealand	80.2	(1.1)	6.6	(0.7)	13.3	(0.7)	528	(2.6)	496	(8.4)	523	(4.9)	-0.11	(0.0)	-0.47	(0.1)	-0.10	(0.0)
Norway	94.4	(0.7)	2.3	(0.4)	3.4	(0.4)	499	(2.3)	460	(11.7)	438	(9.3)	0.21	(0.0)	-0.06	(0.1)	-0.21	(0.1)	
Poland	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	491	(2.5)	c	c	c	c	-0.41	(0.0)	c	c	c	c	
Portugal	95.0	(1.4)	2.3	(0.4)	2.7	(1.1)	470	(2.9)	440	(14.7)	383	(22.0)	-0.91	(0.0)	-0.60	(0.2)	-1.09	(0.1)	
Slovak Republic	99.1	(0.2)	0.6	(0.2)	0.3	(0.1)	499	(3.2)	432	(27.2)	c	c	-0.24	(0.0)	-0.38	(0.1)	c	c	
Spain	96.6	(0.4)	0.6	(0.1)	2.8	(0.4)	487	(2.4)	450	(18.4)	440	(12.4)	-0.50	(0.0)	-0.81	(0.2)	-0.78	(0.1)	
Sweden	88.5	(0.9)	5.7	(0.5)	5.9	(0.7)	517	(2.2)	483	(9.8)	425	(9.6)	0.16	(0.0)	-0.35	(0.1)	-0.48	(0.1)	
Switzerland	80.0	(0.9)	8.9	(0.5)	11.1	(0.6)	543	(3.3)	484	(5.0)	453	(6.1)	-0.08	(0.0)	-0.73	(0.0)	-0.84	(0.1)	
Turkey	99.0	(0.2)	0.5	(0.2)	0.5	(0.1)	425	(6.7)	c	c	385	(28.7)	-1.15	(0.1)	c	c	-0.95	(0.2)	
United States	85.6	(1.0)	8.3	(0.7)	6.1	(0.4)	490	(2.8)	468	(7.6)	453	(7.5)	0.15	(0.0)	-0.36	(0.1)	-0.43	(0.1)	
OECD average 2003	91.3	(0.1)	3.9	(0.1)	4.7	(0.1)	506	(0.6)	464	(3.1)	452	(2.4)	-0.17	(0.0)	-0.54	(0.0)	-0.55	(0.0)	
Partners	Brazil	99.2	(0.2)	0.6	(0.2)	0.2	(0.1)	359	(4.7)	c	c	c	c	-1.55	(0.0)	c	c	c	c
	Hong Kong-China	56.7	(1.4)	22.9	(0.9)	20.4	(1.3)	557	(4.5)	570	(4.6)	516	(5.3)	-1.06	(0.0)	-1.42	(0.0)	-1.69	(0.0)
	Indonesia	99.7	(0.1)	0.2	(0.1)	0.1	(0.0)	363	(4.0)	c	c	c	c	-1.86	(0.0)	c	c	c	c
	Latvia	90.6	(0.9)	8.3	(0.8)	1.1	(0.2)	484	(3.8)	479	(6.6)	498	(11.8)	-0.37	(0.0)	-0.18	(0.1)	0.15	(0.1)
	Liechtenstein	82.9	(2.0)	7.6	(1.3)	9.4	(1.6)	545	(5.0)	c	c	482	(20.9)	-0.20	(0.0)	c	c	-0.91	(0.2)
	Macao-China	23.9	(1.4)	57.9	(1.5)	18.2	(1.4)	528	(5.9)	532	(4.1)	517	(9.2)	-1.29	(0.1)	-1.67	(0.0)	-1.75	(0.1)
	Russian Federation	86.5	(0.7)	6.4	(0.5)	7.0	(0.5)	472	(4.4)	457	(7.2)	452	(5.9)	-0.59	(0.0)	-0.63	(0.1)	-0.68	(0.1)
	Thailand	99.9	(0.1)	0.1	(0.1)	0.0	(0.0)	419	(3.0)	c	c	c	c	-1.86	(0.0)	c	c	c	c
	Tunisia	99.7	(0.1)	0.2	(0.1)	0.1	(0.0)	360	(2.5)	c	c	c	c	-1.69	(0.0)	c	c	c	c
	Uruguay	99.2	(0.2)	0.4	(0.1)	0.4	(0.1)	423	(3.2)	c	c	c	c	-0.76	(0.0)	c	c	c	c

Notes: This table was calculated considering only students with data on the *PISA index of economic, social and cultural status*. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are those whose parents were born in a country/economy other than the country/economy of assessment. Second-generation immigrant students were born in the country/economy of assessment but their parents were not. First-generation immigrant students were not born in the country/economy of assessment and their parents were also not born in the country/economy of assessment.

For comparability over time, PISA 2003 values on the *PISA index of economic, social and cultural status* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

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[Part 2/6]


Change between 2003 and 2012 in the relationship between mathematics performance and immigrant background for first- and second-generation studentsTable II.3.6b *Results based on students' self-reports*

		PISA 2003											
		Difference in mathematics performance between non-immigrant and second-generation students		Difference in mathematics performance between non-immigrant and first-generation students		Difference in mathematics performance between second- and first-generation students		Difference in mathematics performance between non-immigrant and second-generation students, AFTER accounting for socio-economic status		Difference in mathematics performance between non-immigrant and first-generation students AFTER accounting for socio-economic status		Difference in mathematics performance between second- and first-generation students AFTER accounting for socio-economic status	
		Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	5	(4.7)	2	(4.9)	-3	(4.8)	-4	(4.1)	1	(4.4)	5	(4.8)
	Austria	52	(9.0)	63	(6.0)	11	(9.5)	27	(8.3)	41	(5.7)	13	(8.6)
	Belgium	92	(7.5)	109	(10.9)	17	(12.4)	56	(6.5)	78	(9.2)	22	(10.8)
	Canada	-6	(4.4)	7	(4.8)	13	(5.1)	-8	(4.1)	11	(4.6)	18	(5.4)
	Czech Republic	c	c	24	(14.8)	c	c	c	c	12	(16.2)	c	c
	Denmark	70	(11.1)	65	(9.8)	-5	(13.5)	43	(10.8)	45	(9.3)	-2	(12.9)
	Finland	c	c	73	(10.7)	c	c	c	c	67	(9.4)	c	c
	France	48	(6.6)	72	(15.0)	25	(15.5)	16	(5.8)	39	(11.3)	25	(12.2)
	Germany	93	(9.6)	71	(7.9)	-22	(11.2)	47	(8.7)	27	(7.8)	-21	(10.6)
	Greece	c	c	47	(6.7)	c	c	c	c	30	(6.5)	c	c
	Hungary	c	c	3	(10.3)	c	c	c	c	1	(8.2)	c	c
	Iceland	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	29	(19.2)	-5	(11.9)	-34	(22.9)	36	(16.2)	10	(10.9)	-25	(18.8)
	Italy	6	(20.6)	26	(13.7)	20	(24.3)	13	(24.8)	18	(12.6)	8	(26.4)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	c	c	c	c	c	c	c	c	c	c	c	c
	Luxembourg	31	(3.7)	45	(4.1)	14	(5.6)	11	(3.9)	18	(4.0)	9	(5.1)
	Mexico	60	(27.8)	100	(13.2)	40	(31.1)	53	(26.9)	81	(12.1)	32	(26.1)
	Netherlands	59	(11.1)	79	(8.8)	19	(10.8)	31	(9.0)	58	(8.6)	25	(10.2)
	New Zealand	32	(9.1)	5	(5.6)	-27	(8.0)	17	(7.7)	5	(4.8)	-11	(7.4)
	Norway	39	(11.3)	61	(9.4)	22	(13.8)	28	(9.9)	44	(8.5)	17	(12.0)
	Poland	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	30	(14.2)	87	(21.9)	57	(19.4)	39	(11.4)	82	(21.5)	42	(21.2)
Slovak Republic	67	(25.9)	c	c	c	c	61	(26.3)	c	c	c	c	
Spain	38	(18.4)	47	(12.0)	9	(22.3)	29	(15.2)	39	(10.9)	10	(19.1)	
Sweden	34	(9.1)	92	(9.7)	58	(10.9)	17	(8.4)	71	(8.5)	54	(9.7)	
Switzerland	59	(4.9)	89	(6.0)	31	(6.4)	36	(4.8)	62	(5.2)	27	(5.5)	
Turkey	c	c	40	(28.3)	c	c	c	c	49	(28.7)	c	c	
United States	22	(7.2)	36	(7.5)	14	(7.4)	1	(5.4)	12	(6.5)	12	(6.3)	
OECD average 2003	43	(3.1)	52	(2.4)	14	(3.5)	28	(2.9)	38	(2.3)	14	(3.2)	
Partners	Brazil	c	c	c	c	c	c	c	c	c	c	c	c
	Hong Kong-China	-13	(4.3)	41	(4.5)	54	(5.2)	-23	(4.1)	22	(4.8)	48	(5.3)
	Indonesia	c	c	c	c	c	c	c	c	c	c	c	c
	Latvia	5	(6.2)	-13	(11.8)	-18	(12.9)	11	(5.6)	5	(11.6)	-6	(12.5)
	Liechtenstein	c	c	62	(22.7)	c	c	c	c	28	(20.0)	c	c
	Macao-China	-4	(7.9)	11	(10.4)	15	(10.4)	-9	(8.0)	5	(10.3)	14	(10.5)
	Russian Federation	14	(7.2)	20	(5.4)	6	(8.3)	13	(7.0)	17	(5.3)	4	(8.4)
	Thailand	c	c	c	c	c	c	c	c	c	c	c	c
	Tunisia	c	c	c	c	c	c	c	c	c	c	c	c
	Uruguay	c	c	c	c	c	c	c	c	c	c	c	c

Notes: This table was calculated considering only students with data on the *PISA index of economic, social and cultural status*. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are those whose parents were born in a country/economy other than the country/economy of assessment. Second-generation immigrant students were born in the country/economy of assessment but their parents were not. First-generation immigrant students were not born in the country/economy of assessment and their parents were also not born in the country/economy of assessment.

For comparability over time, PISA 2003 values on the *PISA index of economic, social and cultural status* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

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[Part 3/6]


Change between 2003 and 2012 in the relationship between mathematics performance and immigrant background for first- and second-generation students
Table II.3.6b *Results based on students' self-reports*

	PISA 2012																		
	Percentage of students						Average performance in mathematics						PISA index of economic, social and cultural status (ESCS)						
	Non-immigrant		Second-generation		First-generation		Non-immigrant		Second-generation		First-generation		Non-immigrant		Second-generation		First-generation		
	%	S.E.	%	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	
OECD	Australia	77.3	(0.7)	12.4	(0.6)	10.2	(0.4)	503	(1.5)	539	(5.3)	516	(3.7)	0.28	(0.01)	0.16	(0.03)	0.26	(0.03)
	Austria	83.6	(1.1)	10.8	(0.7)	5.5	(0.5)	517	(2.7)	458	(5.3)	454	(8.6)	0.19	(0.02)	-0.49	(0.04)	-0.50	(0.10)
	Belgium	84.9	(0.9)	7.9	(0.6)	7.2	(0.6)	530	(2.1)	461	(6.6)	448	(6.5)	0.23	(0.02)	-0.32	(0.07)	-0.26	(0.07)
	Canada	70.5	(1.3)	16.5	(0.8)	13.0	(0.7)	522	(1.8)	514	(4.5)	528	(5.2)	0.45	(0.02)	0.19	(0.04)	0.49	(0.04)
	Czech Republic	96.8	(0.4)	1.4	(0.3)	1.8	(0.2)	501	(2.8)	461	(21.0)	486	(12.0)	-0.06	(0.02)	-0.15	(0.09)	-0.17	(0.09)
	Denmark	91.1	(0.6)	6.0	(0.4)	2.9	(0.2)	508	(2.2)	448	(4.0)	430	(5.4)	0.49	(0.02)	-0.25	(0.05)	-0.20	(0.06)
	Finland	96.7	(0.2)	1.5	(0.1)	1.9	(0.1)	523	(1.9)	454	(5.0)	427	(8.0)	0.39	(0.02)	-0.12	(0.05)	-0.38	(0.06)
	France	85.2	(1.1)	9.9	(0.8)	4.9	(0.5)	508	(2.7)	448	(6.9)	425	(10.5)	0.05	(0.02)	-0.53	(0.05)	-0.52	(0.08)
	Germany	86.9	(0.8)	10.5	(0.7)	2.7	(0.3)	528	(3.2)	478	(5.8)	462	(11.2)	0.30	(0.03)	-0.46	(0.05)	-0.24	(0.10)
	Greece	89.5	(0.8)	4.3	(0.4)	6.3	(0.6)	459	(2.6)	414	(7.7)	404	(7.3)	0.00	(0.03)	-0.47	(0.07)	-0.83	(0.06)
	Hungary	98.3	(0.2)	1.0	(0.2)	0.7	(0.2)	478	(3.1)	522	(15.2)	c	c	-0.26	(0.03)	0.18	(0.12)	c	c
	Iceland	96.5	(0.3)	0.7	(0.1)	2.8	(0.3)	498	(1.8)	c	c	437	(9.7)	0.81	(0.01)	c	c	-0.02	(0.09)
	Ireland	89.9	(0.7)	1.7	(0.2)	8.4	(0.7)	503	(2.3)	503	(12.1)	501	(4.8)	0.12	(0.02)	0.24	(0.11)	0.17	(0.07)
	Italy	92.5	(0.3)	2.0	(0.2)	5.5	(0.3)	490	(2.0)	461	(7.4)	435	(3.3)	-0.01	(0.01)	-0.45	(0.06)	-0.59	(0.03)
	Japan	99.7	(0.1)	0.2	(0.1)	0.1	(0.0)	539	(3.5)	c	c	c	c	-0.07	(0.02)	c	c	c	c
	Korea	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	555	(4.6)	c	c	c	c	0.01	(0.03)	c	c	c	c
	Luxembourg	53.6	(0.7)	28.9	(0.6)	17.4	(0.5)	511	(1.7)	470	(2.5)	470	(4.1)	0.47	(0.01)	-0.46	(0.03)	-0.27	(0.04)
	Mexico	98.7	(0.1)	0.5	(0.1)	0.8	(0.1)	416	(1.3)	359	(9.9)	333	(6.3)	-1.10	(0.02)	-1.22	(0.17)	-1.60	(0.16)
	Netherlands	89.4	(1.0)	7.9	(0.9)	2.7	(0.4)	531	(3.4)	475	(9.0)	471	(10.1)	0.31	(0.02)	-0.35	(0.06)	-0.19	(0.10)
	New Zealand	73.7	(1.5)	9.5	(0.8)	16.8	(1.0)	503	(2.7)	492	(7.1)	509	(5.2)	0.05	(0.02)	-0.20	(0.06)	0.14	(0.04)
Norway	90.6	(0.9)	4.7	(0.6)	4.7	(0.5)	496	(2.8)	457	(9.2)	442	(6.2)	0.52	(0.02)	0.00	(0.07)	-0.17	(0.07)	
Poland	99.8	(0.1)	0.2	(0.1)	0.0	(0.0)	518	(3.6)	c	c	c	c	-0.21	(0.03)	c	c	c	c	
Portugal	93.1	(0.6)	3.3	(0.4)	3.6	(0.5)	493	(3.7)	445	(10.1)	451	(8.2)	-0.47	(0.05)	-0.57	(0.16)	-0.67	(0.08)	
Slovak Republic	99.3	(0.2)	0.4	(0.1)	0.3	(0.1)	484	(3.4)	c	c	c	c	-0.18	(0.03)	c	c	c	c	
Spain	90.1	(0.6)	1.5	(0.2)	8.4	(0.5)	491	(1.7)	457	(8.5)	436	(4.8)	-0.14	(0.03)	-0.40	(0.12)	-0.68	(0.04)	
Sweden	85.5	(0.9)	8.6	(0.7)	5.9	(0.5)	490	(2.3)	445	(5.3)	414	(7.3)	0.36	(0.02)	-0.10	(0.06)	-0.38	(0.08)	
Switzerland	75.9	(0.9)	17.4	(0.7)	6.7	(0.4)	548	(3.0)	489	(3.8)	472	(5.8)	0.34	(0.02)	-0.37	(0.04)	-0.27	(0.07)	
Turkey	99.1	(0.2)	0.7	(0.2)	0.2	(0.1)	449	(4.8)	476	(35.4)	c	c	-1.46	(0.04)	-1.03	(0.19)	c	c	
United States	78.5	(2.0)	14.8	(1.4)	6.7	(0.8)	487	(3.6)	478	(6.6)	463	(9.3)	0.34	(0.03)	-0.39	(0.08)	-0.43	(0.10)	
OECD average 2003	88.5	(0.1)	6.4	(0.1)	5.1	(0.1)	503	(0.5)	467	(2.3)	453	(1.6)	0.06	(0.00)	-0.31	(0.02)	-0.32	(0.02)	
Partners	Brazil	99.3	(0.1)	0.4	(0.1)	0.4	(0.1)	394	(2.1)	337	(17.4)	339	(18.6)	-1.16	(0.02)	-0.62	(0.29)	-1.16	(0.21)
	Hong Kong-China	65.3	(1.5)	20.5	(0.8)	14.2	(1.0)	566	(3.7)	570	(4.2)	543	(5.2)	-0.56	(0.06)	-1.14	(0.03)	-1.35	(0.04)
	Indonesia	99.8	(0.1)	0.1	(0.0)	0.1	(0.0)	376	(4.0)	c	c	c	c	-1.80	(0.05)	c	c	c	c
	Latvia	95.5	(0.5)	4.1	(0.5)	0.4	(0.1)	492	(2.8)	487	(8.4)	c	c	-0.26	(0.03)	-0.15	(0.09)	c	c
	Liechtenstein	66.7	(2.9)	19.9	(2.3)	13.4	(2.2)	554	(5.6)	507	(11.9)	499	(14.6)	0.44	(0.05)	0.00	(0.13)	0.06	(0.19)
	Macao-China	34.9	(0.6)	49.7	(0.7)	15.5	(0.4)	530	(2.1)	546	(1.8)	541	(3.0)	-0.69	(0.02)	-1.02	(0.01)	-0.90	(0.03)
	Russian Federation	89.1	(0.8)	7.7	(0.6)	3.2	(0.4)	486	(3.2)	467	(4.9)	457	(7.9)	-0.10	(0.02)	-0.17	(0.06)	-0.18	(0.06)
	Thailand	99.3	(0.4)	0.6	(0.4)	0.0	(0.0)	428	(3.3)	412	(58.0)	c	c	-1.34	(0.04)	-3.29	(0.16)	c	c
	Tunisia	99.6	(0.1)	0.4	(0.1)	0.1	(0.0)	389	(4.0)	c	c	c	c	-1.19	(0.05)	c	c	c	c
	Uruguay	99.5	(0.1)	0.2	(0.1)	0.3	(0.1)	412	(2.6)	c	c	c	c	-0.88	(0.03)	c	c	c	c

Notes: This table was calculated considering only students with data on the *PISA index of economic, social and cultural status*. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are those whose parents were born in a country/economy other than the country/economy of assessment. Second-generation immigrant students were born in the country/economy of assessment but their parents were not. First-generation immigrant students were not born in the country/economy of assessment and their parents were also not born in the country/economy of assessment.

For comparability over time, PISA 2003 values on the *PISA index of economic, social and cultural status* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

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[Part4/6]

Change between 2003 and 2012 in the relationship between mathematics performance and immigrant background for first- and second-generation students
Results based on students' self-reports


Table II.3.6b

	PISA 2012											
	Difference in mathematics performance between non-immigrant and second-generation students		Difference in mathematics performance between non-immigrant and first-generation students		Difference in mathematics performance between second- and first-generation students		Difference in mathematics performance between non-immigrant and second-generation students, AFTER accounting for socio-economic status		Difference in mathematics performance between non-immigrant and first-generation students AFTER accounting for socio-economic status		Difference in mathematics performance between second- and first-generation students AFTER accounting for socio-economic status	
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD												
Australia	-36	(5.1)	-13	(3.6)	23	(5.7)	-41	(4.9)	-14	(3.1)	27	(5.3)
Austria	58	(5.3)	62	(9.1)	4	(9.3)	32	(5.6)	35	(7.7)	4	(8.3)
Belgium	69	(6.4)	82	(6.4)	13	(8.1)	44	(5.1)	59	(5.0)	15	(6.9)
Canada	8	(4.7)	-6	(5.4)	-14	(5.0)	0	(4.3)	-5	(4.7)	-5	(4.5)
Czech Republic	40	(20.5)	15	(12.0)	-25	(23.1)	35	(20.3)	9	(11.4)	-26	(22.9)
Denmark	60	(4.6)	79	(5.3)	18	(6.7)	33	(3.8)	53	(5.0)	20	(5.9)
Finland	70	(5.3)	97	(7.8)	27	(9.8)	54	(5.0)	73	(7.3)	20	(9.0)
France	60	(7.2)	83	(11.5)	23	(12.2)	29	(6.8)	51	(10.5)	24	(11.4)
Germany	51	(6.5)	66	(11.1)	15	(11.8)	20	(6.0)	44	(10.9)	23	(11.6)
Greece	45	(8.0)	55	(7.9)	10	(9.3)	29	(7.3)	28	(8.3)	3	(9.6)
Hungary	-44	(14.1)	c	c	c	c	-24	(13.0)	c	c	c	c
Iceland	c	c	60	(9.8)	c	c	c	c	36	(9.5)	c	c
Ireland	0	(12.5)	2	(4.7)	2	(12.6)	5	(12.2)	4	(4.7)	0	(12.9)
Italy	30	(7.3)	55	(3.7)	25	(7.9)	17	(6.5)	38	(3.5)	21	(7.4)
Japan	c	c	c	c	c	c	c	c	c	c	c	c
Korea	c	c	c	c	c	c	c	c	c	c	c	c
Luxembourg	40	(3.4)	41	(4.7)	0	(4.6)	11	(3.5)	11	(4.6)	7	(4.5)
Mexico	57	(9.8)	82	(6.2)	25	(11.9)	55	(8.3)	73	(5.3)	19	(10.3)
Netherlands	56	(8.5)	60	(10.2)	4	(12.6)	32	(8.9)	41	(10.8)	6	(12.9)
New Zealand	11	(7.9)	-6	(5.7)	-17	(8.1)	-1	(7.2)	-2	(4.6)	2	(7.4)
Norway	39	(9.7)	54	(6.6)	15	(9.5)	23	(9.0)	33	(6.9)	11	(9.0)
Poland	c	c	c	c	c	c	c	c	c	c	c	c
Portugal	47	(10.3)	42	(7.9)	-6	(11.5)	44	(11.8)	35	(7.0)	-9	(11.9)
Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c
Spain	35	(8.2)	55	(4.5)	21	(8.6)	26	(7.9)	38	(4.6)	14	(8.5)
Sweden	45	(5.6)	77	(7.4)	31	(7.8)	31	(5.1)	52	(7.5)	25	(7.9)
Switzerland	59	(3.2)	76	(5.1)	17	(4.9)	37	(3.3)	55	(4.3)	20	(4.5)
Turkey	-27	(35.5)	c	c	c	c	-14	(31.8)	c	c	c	c
United States	8	(6.3)	23	(9.3)	15	(9.7)	-19	(5.5)	-6	(7.4)	14	(8.0)
OECD average 2003	32	(2.3)	49	(1.6)	10	(2.2)	19	(2.1)	32	(1.5)	11	(2.1)
Partners												
Brazil	57	(17.6)	55	(17.9)	-2	(27.9)	71	(17.7)	55	(17.6)	-12	(28.3)
Hong Kong-China	-3	(4.3)	23	(6.2)	26	(5.5)	-19	(4.0)	0	(5.1)	22	(5.0)
Indonesia	c	c	c	c	c	c	c	c	c	c	c	c
Latvia	5	(8.1)	c	c	c	c	9	(8.0)	c	c	c	c
Liechtenstein	47	(14.1)	55	(16.6)	9	(20.1)	36	(14.5)	46	(16.6)	10	(19.9)
Macao-China	-17	(3.2)	-12	(3.6)	5	(3.9)	-23	(3.2)	-17	(3.6)	7	(4.0)
Russian Federation	19	(5.2)	28	(8.0)	10	(9.1)	16	(5.1)	25	(7.2)	9	(8.4)
Thailand	16	(57.3)	c	c	c	c	-29	(54.1)	c	c	c	c
Tunisia	c	c	c	c	c	c	c	c	c	c	c	c
Uruguay	c	c	c	c	c	c	c	c	c	c	c	c

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are those whose parents were born in a country/economy other than the country/economy of assessment. Second-generation immigrant students were born in in the country/economy of assessment but their parents were not. First-generation immigrant students were not born in the country/economy of assessment and their parents were also not born in the country/economy of assessment.

For comparability over time, PISA 2003 values on the PISA index of economic, social and cultural status have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

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[Part 5/6]

Change between 2003 and 2012 in the relationship between mathematics performance and immigrant background for first- and second-generation students
Table II.3.6b *Results based on students' self-reports*

		Change between PISA 2003 and PISA 2012 (PISA 2012 - PISA 2003)																	
		Percentage of students						Average performance in mathematics						PISA index of economic, social and cultural status (ESCS)					
		Non-immigrant		Second-generation		First-generation		Non-immigrant		Second-generation		First-generation		Non-immigrant		Second-generation		First-generation	
		% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	0.1	(1.4)	0.7	(0.8)	-0.7	(0.8)	-24	(3.2)	17	(7.3)	-9	(6.5)	0.20	(0.02)	0.31	(0.05)	0.20	(0.06)
	Austria	-3.3	(1.4)	6.9	(0.8)	-3.6	(0.9)	0	(4.6)	-6	(10.0)	1	(10.6)	0.37	(0.03)	0.32	(0.10)	0.26	(0.11)
	Belgium	-3.3	(1.3)	1.6	(0.8)	1.7	(0.9)	-16	(3.8)	7	(10.2)	11	(12.7)	0.17	(0.03)	0.38	(0.10)	0.34	(0.10)
	Canada	-9.3	(1.7)	7.2	(1.0)	2.1	(1.1)	-15	(3.1)	-29	(6.5)	-2	(7.3)	0.24	(0.02)	0.03	(0.06)	0.14	(0.06)
	Czech Republic	-1.9	(0.4)	0.9	(0.3)	1.0	(0.3)	-22	(4.6)	c	c	-14	(18.9)	-0.01	(0.03)	c	c	0.12	(0.18)
	Denmark	-2.4	(1.0)	2.5	(0.7)	-0.1	(0.4)	-11	(3.9)	-1	(12.1)	-25	(11.6)	0.37	(0.04)	0.36	(0.13)	0.20	(0.12)
	Finland	-1.5	(0.3)	1.5	(0.1)	0.0	(0.3)	-23	(3.3)	c	c	-47	(13.4)	0.32	(0.03)	c	c	-0.24	(0.13)
	France	-0.5	(1.7)	-0.9	(1.4)	1.4	(0.7)	-12	(4.1)	-24	(9.4)	-23	(18.4)	0.25	(0.03)	0.47	(0.07)	0.47	(0.16)
	Germany	2.3	(1.4)	3.5	(1.0)	-5.8	(0.8)	3	(5.1)	46	(11.0)	8	(13.6)	0.10	(0.04)	0.47	(0.10)	0.65	(0.12)
	Greece	-3.1	(1.1)	3.7	(0.4)	-0.6	(0.9)	10	(5.1)	c	c	2	(9.8)	0.28	(0.06)	c	c	-0.05	(0.08)
	Hungary	0.5	(0.3)	0.9	(0.2)	-1.5	(0.3)	-13	(4.7)	c	c	c	c	0.05	(0.04)	c	c	c	c
	Iceland	-2.5	(0.4)	0.5	(0.2)	2.0	(0.4)	-19	(3.0)	c	c	c	c	0.25	(0.02)	c	c	c	c
	Ireland	-6.7	(0.8)	0.7	(0.3)	5.9	(0.7)	0	(3.9)	29	(22.7)	-8	(12.9)	0.39	(0.04)	0.31	(0.23)	0.00	(0.13)
	Italy	-5.3	(0.4)	1.6	(0.2)	3.8	(0.3)	23	(4.1)	-1	(22.6)	-6	(14.8)	0.26	(0.03)	-0.39	(0.21)	-0.05	(0.13)
	Japan	-0.2	(0.1)	0.2	(0.1)	0.1	(0.1)	4	(5.7)	c	c	c	c	0.34	(0.03)	c	c	c	c
	Korea	0.0	(0.0)	0.0	(0.0)	0.0	c	12	(5.9)	c	c	c	c	0.37	(0.04)	c	c	c	c
	Luxembourg	-13.1	(0.9)	13.1	(0.9)	0.0	(0.7)	3	(2.9)	-6	(4.6)	8	(5.9)	0.33	(0.02)	0.01	(0.06)	0.38	(0.06)
	Mexico	1.0	(0.3)	0.0	(0.1)	-1.0	(0.2)	24	(4.3)	26	(31.0)	41	(14.3)	0.18	(0.06)	0.31	(0.33)	0.36	(0.19)
	Netherlands	0.4	(1.7)	0.9	(1.4)	-1.2	(0.6)	-20	(4.9)	-17	(13.8)	-1	(13.3)	0.31	(0.04)	0.43	(0.10)	0.36	(0.15)
	New Zealand	-6.5	(1.9)	2.9	(1.0)	3.6	(1.2)	-25	(4.2)	-4	(11.2)	-14	(7.4)	0.16	(0.03)	0.27	(0.09)	0.24	(0.06)
Norway	-3.8	(1.1)	2.4	(0.7)	1.3	(0.6)	-3	(4.1)	-3	(15.0)	4	(11.3)	0.32	(0.03)	0.07	(0.14)	0.04	(0.12)	
Poland	-0.1	(0.1)	0.1	(0.1)	0.0	(0.0)	28	(4.8)	c	c	c	c	0.20	(0.04)	c	c	c	c	
Portugal	-1.8	(1.6)	1.0	(0.6)	0.8	(1.2)	23	(5.1)	6	(17.9)	68	(23.6)	0.43	(0.07)	0.03	(0.23)	0.42	(0.13)	
Slovak Republic	0.1	(0.2)	-0.2	(0.2)	0.0	(0.1)	-15	(5.0)	c	c	c	c	0.07	(0.04)	c	c	c	c	
Spain	-6.5	(0.7)	0.9	(0.2)	5.5	(0.6)	4	(3.5)	7	(20.4)	-4	(13.5)	0.36	(0.05)	0.42	(0.27)	0.11	(0.13)	
Sweden	-3.0	(1.2)	3.0	(0.8)	0.0	(0.8)	-27	(3.7)	-38	(11.3)	-11	(12.2)	0.20	(0.03)	0.25	(0.10)	0.10	(0.12)	
Switzerland	-4.1	(1.3)	8.5	(0.9)	-4.3	(0.7)	5	(4.9)	6	(6.6)	19	(8.6)	0.42	(0.04)	0.37	(0.06)	0.57	(0.09)	
Turkey	0.1	(0.3)	0.2	(0.3)	-0.3	(0.2)	24	(8.5)	c	c	c	c	-0.31	(0.07)	c	c	c	c	
United States	-7.0	(2.2)	6.4	(1.6)	0.6	(0.9)	-3	(5.0)	11	(10.2)	10	(12.1)	0.19	(0.04)	-0.03	(0.13)	-0.01	(0.13)	
OECD average 2003	-2.8	(0.2)	2.4	(0.1)	0.4	(0.1)	-3	(0.9)	1	(3.4)	0	(2.8)	0.23	(0.01)	0.23	(0.04)	0.21	(0.03)	
Partners	Brazil	0.0	(0.2)	-0.2	(0.2)	0.2	(0.1)	35	(5.5)	c	c	c	c	0.39	(0.05)	c	c	c	c
	Hong Kong-China	8.6	(2.1)	-2.5	(1.2)	-6.1	(1.6)	10	(6.2)	0	(6.5)	27	(7.7)	0.50	(0.07)	0.28	(0.05)	0.35	(0.05)
	Indonesia	0.1	(0.1)	-0.1	(0.1)	0.0	(0.1)	13	(6.0)	c	c	c	c	0.06	(0.06)	c	c	c	c
	Latvia	4.9	(1.1)	-4.1	(1.0)	-0.8	(0.2)	8	(5.1)	7	(10.9)	c	c	0.10	(0.04)	0.03	(0.11)	c	c
	Liechtenstein	-16.2	(3.5)	12.3	(2.6)	4.0	(2.7)	9	(7.7)	c	c	16	(25.6)	0.63	(0.07)	c	c	0.97	(0.29)
	Macao-China	11.0	(1.5)	-8.2	(1.7)	-2.7	(1.4)	2	(6.5)	15	(4.9)	24	(9.9)	0.60	(0.08)	0.65	(0.03)	0.85	(0.07)
	Russian Federation	2.6	(1.1)	1.3	(0.8)	-3.8	(0.7)	14	(5.8)	10	(8.9)	5	(10.1)	0.50	(0.04)	0.46	(0.09)	0.50	(0.09)
	Thailand	-0.5	(0.4)	0.5	(0.4)	0.0	(0.0)	9	(4.9)	c	c	c	c	0.52	(0.06)	c	c	c	c
	Tunisia	-0.2	(0.1)	0.2	(0.1)	0.0	(0.1)	29	(5.1)	c	c	c	c	0.50	(0.06)	c	c	c	c
	Uruguay	0.3	(0.2)	-0.2	(0.1)	-0.1	(0.2)	-11	(4.6)	c	c	c	c	-0.12	(0.05)	c	c	c	c

Notes: This table was calculated considering only students with data on the *PISA index of economic, social and cultural status*. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are those whose parents were born in a country/economy other than the country/economy of assessment. Second-generation immigrant students were born in the country/economy of assessment but their parents were not. First-generation immigrant students were not born in the country/economy of assessment and their parents were also not born in the country/economy of assessment.

For comparability over time, PISA 2003 values on the *PISA index of economic, social and cultural status* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

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[Part 6/6]

Change between 2003 and 2012 in the relationship between mathematics performance and immigrant background for first- and second-generation students
Results based on students' self-reports


Table II.3.6b

		Change between PISA 2003 and PISA 2012 (PISA 2012 - PISA 2003)											
		Difference in mathematics performance between non-immigrant and second-generation students		Difference in mathematics performance between non-immigrant and first-generation students		Difference in mathematics performance between second- and first-generation students		Difference in mathematics performance between non-immigrant and second-generation students, AFTER accounting for socio-economic status		Difference in mathematics performance between non-immigrant and first-generation students AFTER accounting for socio-economic status		Difference in mathematics performance between second- and first-generation students AFTER accounting for socio-economic status	
		Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	-41	(7.4)	-15	(5.8)	26	(7.7)	-37	(6.7)	-15	(5.3)	22	(7.2)
	Austria	6	(10.8)	-1	(10.4)	-7	(13.4)	4	(9.8)	-5	(8.9)	-9	(11.7)
	Belgium	-23	(9.5)	-27	(13.4)	-4	(15.6)	-13	(8.4)	-19	(11.0)	-6	(14.0)
	Canada	14	(6.4)	-13	(7.4)	-27	(7.3)	8	(6.0)	-16	(6.6)	-24	(7.1)
	Czech Republic	c	c	-9	(19.0)	c	c	c	c	-2	(20.3)	c	c
	Denmark	-10	(11.9)	14	(11.3)	24	(15.0)	-10	(11.3)	7	(10.6)	20	(14.5)
	Finland	c	c	24	(13.6)	c	c	c	c	8	(12.1)	c	c
	France	12	(9.2)	11	(19.0)	-1	(20.4)	22	(7.8)	21	(15.3)	-1	(17.4)
	Germany	-43	(11.3)	-5	(13.7)	38	(15.8)	-28	(9.6)	17	(13.8)	43	(15.6)
	Greece	c	c	8	(10.2)	c	c	c	c	-3	(10.7)	c	c
	Hungary	c	c	c	c	c	c	c	c	c	c	c	c
	Iceland	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	-29	(21.1)	8	(12.7)	37	(24.1)	-32	(19.2)	-7	(11.9)	27	(21.8)
	Italy	23	(21.7)	28	(13.4)	5	(25.2)	4	(25.3)	19	(12.6)	14	(27.7)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	c	c	c	c	c	c	c	c	c	c	c	c
	Luxembourg	10	(5.3)	-4	(5.9)	-14	(6.9)	0	(5.2)	-2	(5.4)	-2	(6.3)
	Mexico	-3	(30.5)	-18	(14.5)	-15	(33.9)	1	(28.7)	-13	(13.1)	-14	(31.4)
	Netherlands	-3	(15.6)	-19	(12.7)	-16	(18.2)	1	(13.8)	-17	(13.5)	-17	(18.3)
	New Zealand	-21	(11.2)	-11	(6.9)	10	(11.4)	-16	(9.4)	-7	(6.5)	8	(10.2)
	Norway	0	(14.5)	-7	(11.3)	-7	(17.0)	-9	(12.8)	-17	(10.4)	-8	(15.4)
	Poland	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	17	(17.5)	-45	(23.6)	-63	(22.3)	5	(15.8)	-46	(22.5)	-49	(22.5)
	Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c
	Spain	-3	(20.5)	8	(12.7)	11	(24.2)	-1	(16.5)	1	(11.6)	3	(20.7)
	Sweden	11	(10.9)	-16	(11.1)	-27	(11.8)	13	(9.8)	-19	(10.2)	-30	(10.7)
Switzerland	0	(5.6)	-13	(7.5)	-13	(8.1)	-2	(5.1)	-8	(6.5)	-7	(7.3)	
Turkey	c	c	c	c	c	c	c	c	c	c	c	c	
United States	-14	(9.1)	-13	(11.9)	1	(11.2)	-22	(7.3)	-21	(9.1)	2	(9.8)	
OECD average 2003	-5	(3.4)	-5	(2.8)	-2	(4.1)	-6	(3.1)	-7	(2.6)	-1	(3.8)	
Partners	Brazil	c	c	c	c	c	c	c	c	c	c	c	c
	Hong Kong-China	10	(5.6)	-18	(7.4)	-28	(7.1)	4	(5.4)	-22	(6.8)	-26	(6.8)
	Indonesia	c	c	c	c	c	c	c	c	c	c	c	c
	Latvia	1	(9.5)	c	c	c	c	-2	(8.9)	c	c	c	c
	Liechtenstein	c	c	-7	(30.4)	c	c	c	c	6	(27.6)	c	c
	Macao-China	-12	(8.2)	-22	(11.1)	-10	(11.2)	-12	(8.3)	-18	(11.0)	-7	(11.4)
	Russian Federation	5	(7.8)	9	(9.3)	4	(12.9)	3	(7.5)	9	(8.7)	5	(12.3)
	Thailand	c	c	c	c	c	c	c	c	c	c	c	c
	Tunisia	c	c	c	c	c	c	c	c	c	c	c	c
	Uruguay	c	c	c	c	c	c	c	c	c	c	c	c

Notes: This table was calculated considering only students with data on the *PISA index of economic, social and cultural status*. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are those whose parents were born in a country/economy other than the country/economy of assessment. Second-generation immigrant students were born in the country/economy of assessment but their parents were not. First-generation immigrant students were not born in the country/economy of assessment and their parents were also not born in the country/economy of assessment.

For comparability over time, PISA 2003 values on the *PISA index of economic, social and cultural status* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

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[Part 1/1]

Proficiency levels in mathematics, by immigrant background for first- and second-generation students

Table II.3.7 Results based on students' self-reports

		Proficiency levels in mathematics																				
		All students				Non-immigrant students				Immigrant students				First-generation students		Second-generation students						
		Below Level 2 (under 420.07 score points)		Level 3 or above (above 482.38 score points)		Below Level 2 (under 420.07 score points)		Level 3 or above (above 482.38 score points)		Below Level 2 (under 420.07 score points)		Level 3 or above (above 482.38 score points)		Below Level 2 (under 420.07 score points)		Level 3 or above (above 482.38 score points)						
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.					
OECD	Australia	19.8	(0.6)	58.4	(0.8)	19.2	(0.7)	58.0	(0.8)	15.5	(0.9)	66.5	(1.4)	17.9	(1.4)	62.4	(1.6)	13.6	(1.1)	69.9	(2.1)	
	Austria	18.8	(1.0)	59.4	(1.2)	14.8	(0.9)	64.2	(1.3)	37.0	(2.6)	37.6	(2.6)	38.0	(4.3)	34.8	(4.0)	36.5	(3.0)	39.0	(3.1)	
	Belgium	19.1	(0.8)	62.6	(1.0)	14.4	(0.8)	68.3	(1.0)	38.8	(2.6)	37.3	(2.3)	42.0	(3.8)	34.7	(3.0)	35.9	(2.9)	39.7	(3.0)	
	Canada	13.9	(0.6)	65.1	(0.9)	12.3	(0.5)	67.0	(0.9)	14.1	(1.1)	65.3	(1.8)	13.5	(1.4)	68.0	(2.4)	14.6	(1.4)	63.2	(2.1)	
	Chile	51.7	(1.7)	23.1	(1.3)	51.3	(1.7)	23.5	(1.3)	c	c	22.1	(6.3)	c	c	c	c	c	c	c	c	
	Czech Republic	21.2	(1.2)	57.3	(1.3)	20.7	(1.2)	57.8	(1.3)	30.3	(5.4)	48.6	(5.1)	c	c	48.8	(6.8)	c	c	48.3	(6.4)	
	Denmark	17.0	(1.0)	58.8	(1.2)	13.5	(0.9)	62.6	(1.3)	42.0	(2.2)	29.3	(1.9)	48.7	(3.1)	24.4	(2.9)	38.6	(2.9)	31.8	(2.4)	
	Estonia	10.6	(0.6)	67.5	(1.0)	9.4	(0.6)	69.2	(1.1)	19.1	(3.1)	55.9	(3.3)	c	c	c	c	17.9	(3.3)	57.4	(3.7)	
	Finland	12.3	(0.7)	67.2	(0.9)	10.6	(0.6)	69.2	(0.8)	45.1	(2.4)	30.7	(1.9)	51.7	(3.5)	26.2	(2.6)	36.7	(3.1)	36.4	(2.9)	
	France	22.5	(0.9)	55.5	(1.1)	17.8	(1.0)	60.8	(1.4)	43.5	(2.9)	31.9	(2.6)	53.2	(5.0)	27.5	(4.1)	38.7	(3.4)	34.1	(2.9)	
	Germany	17.8	(1.0)	62.9	(1.3)	13.8	(1.1)	68.6	(1.4)	31.3	(2.8)	46.6	(3.0)	39.0	(5.9)	38.6	(5.6)	29.2	(3.2)	48.8	(3.3)	
	Greece	35.8	(1.3)	37.2	(1.2)	32.8	(1.4)	39.7	(1.3)	57.9	(3.5)	18.5	(2.3)	59.4	(4.4)	17.0	(2.7)	55.6	(4.7)	20.7	(3.2)	
	Hungary	28.2	(1.3)	46.7	(1.5)	27.9	(1.3)	46.9	(1.5)	c	c	60.1	(7.0)	c	c	c	c	c	c	69.9	(9.6)	
	Iceland	21.6	(0.8)	54.9	(0.9)	19.9	(0.8)	56.8	(0.9)	39.5	(5.1)	30.5	(6.7)	41.6	(5.8)	c	c	c	c	c	c	
	Ireland	17.0	(1.0)	59.2	(1.2)	16.6	(1.0)	59.6	(1.3)	17.8	(2.5)	59.4	(2.9)	18.3	(2.6)	59.1	(3.1)	c	c	60.9	(6.9)	
	Israel	33.7	(1.7)	44.9	(1.9)	33.2	(1.7)	45.5	(1.9)	27.8	(2.8)	48.3	(2.9)	30.4	(3.6)	43.5	(3.2)	26.7	(3.3)	50.3	(3.6)	
	Italy	24.8	(0.8)	51.3	(1.0)	22.7	(0.8)	53.3	(1.0)	42.4	(1.8)	32.8	(1.8)	45.8	(2.2)	29.5	(1.8)	33.5	(3.4)	41.8	(3.5)	
	Japan	11.2	(1.0)	72.0	(1.4)	10.6	(0.9)	72.8	(1.4)	c	c	c	c	c	c	c	c	c	c	c	c	
	Korea	9.2	(1.0)	76.2	(1.4)	9.0	(0.9)	76.4	(1.4)	c	c	c	c	c	c	c	c	c	c	c	c	
	Luxembourg	24.5	(0.5)	53.3	(0.6)	16.2	(0.8)	63.0	(0.9)	32.9	(1.0)	43.2	(1.1)	36.0	(1.9)	42.9	(1.8)	31.1	(1.2)	43.5	(1.5)	
	Mexico	54.9	(0.8)	17.5	(0.6)	53.8	(0.8)	18.0	(0.6)	87.8	(2.7)	c	c	90.9	(2.7)	c	c	82.4	(5.3)	c	c	
	Netherlands	14.9	(1.3)	67.3	(1.6)	12.4	(1.2)	70.7	(1.5)	29.1	(4.5)	46.6	(4.4)	27.2	(5.4)	45.7	(8.9)	29.8	(5.2)	46.9	(5.5)	
	New Zealand	22.8	(0.8)	55.8	(1.0)	21.0	(1.1)	57.3	(1.3)	25.0	(2.0)	54.3	(1.7)	23.2	(1.9)	57.6	(2.1)	28.2	(3.6)	48.3	(3.0)	
	Norway	22.5	(1.1)	53.4	(1.2)	19.8	(1.1)	56.3	(1.3)	41.1	(2.9)	33.5	(3.0)	43.9	(3.6)	28.2	(3.4)	38.2	(4.2)	38.9	(4.2)	
	Poland	14.5	(0.9)	63.5	(1.4)	14.3	(0.9)	63.9	(1.4)	c	c	c	c	c	c	c	c	c	c	c	c	
	Portugal	25.0	(1.5)	52.3	(1.8)	22.6	(1.5)	54.5	(1.8)	42.7	(3.7)	35.7	(3.2)	43.2	(4.4)	36.5	(4.1)	42.1	(4.9)	34.7	(4.4)	
	Slovak Republic	27.6	(1.3)	49.4	(1.6)	26.8	(1.2)	50.2	(1.6)	c	c	c	c	c	c	c	c	c	c	c	c	
	Slovenia	20.3	(0.6)	56.3	(0.8)	18.3	(0.6)	58.8	(0.8)	37.3	(3.2)	34.5	(3.3)	50.0	(5.8)	23.1	(4.5)	33.0	(3.5)	38.3	(4.0)	
	Spain	23.7	(0.8)	51.5	(1.0)	20.8	(0.8)	54.7	(0.9)	42.9	(2.8)	30.1	(2.2)	44.2	(3.1)	28.8	(2.3)	35.7	(5.2)	37.4	(5.0)	
	Sweden	27.2	(1.1)	48.2	(1.1)	22.3	(1.1)	52.8	(1.2)	47.5	(2.6)	28.6	(2.6)	59.2	(3.8)	21.5	(3.0)	39.2	(2.7)	33.7	(3.3)	
	Switzerland	12.5	(0.7)	69.8	(1.3)	8.1	(0.5)	76.7	(1.1)	24.7	(1.5)	50.8	(2.1)	29.9	(2.6)	46.3	(2.9)	22.7	(1.5)	52.5	(2.3)	
	Turkey	42.2	(1.9)	32.5	(2.2)	41.7	(2.0)	32.8	(2.2)	c	c	c	c	c	c	c	c	c	c	c	c	
	United Kingdom	21.9	(1.3)	55.0	(1.5)	20.1	(1.1)	56.7	(1.4)	27.5	(3.0)	49.9	(3.4)	26.7	(4.1)	53.3	(4.9)	28.6	(3.5)	45.6	(3.7)	
	United States	26.0	(1.4)	47.9	(1.7)	23.6	(1.5)	50.6	(1.9)	30.0	(2.4)	42.3	(2.9)	35.2	(4.2)	39.6	(4.2)	27.6	(2.2)	43.6	(3.2)	
OECD average	23.1	(0.2)	54.5	(0.2)	20.9	(0.2)	57.0	(0.2)	36.0	(0.6)	41.8	(0.6)	40.4	(0.8)	39.1	(0.8)	34.0	(0.7)	45.2	(0.8)		
Partners	Albania	60.8	(0.9)	16.4	(1.0)	61.3	(1.0)	16.1	(1.1)	c	c	c	c	c	c	c	c	c	c	c		
	Argentina	66.7	(2.0)	11.3	(1.1)	65.5	(2.1)	11.8	(1.1)	83.3	(3.2)	c	c	86.0	(5.1)	c	c	81.5	(4.5)	c	c	
	Brazil	67.3	(1.0)	12.5	(0.8)	66.4	(1.1)	12.9	(0.8)	82.3	(5.9)	c	c	83.1	(8.6)	c	c	81.6	(9.0)	c	c	
	Bulgaria	43.9	(1.8)	31.9	(1.7)	42.4	(1.7)	32.9	(1.7)	c	c	c	c	c	c	c	c	c	c	c		
	Colombia	74.0	(1.4)	8.4	(0.8)	73.5	(1.4)	8.6	(0.9)	c	c	c	c	c	c	c	c	c	c	c		
	Costa Rica	60.1	(1.9)	13.3	(1.3)	58.8	(1.9)	13.7	(1.3)	76.9	(4.0)	c	c	70.7	(5.9)	c	c	80.7	(5.3)	c	c	
	Croatia	30.0	(1.3)	43.4	(1.6)	29.0	(1.4)	44.8	(1.6)	35.6	(2.6)	35.4	(3.0)	37.7	(5.1)	36.1	(5.0)	34.7	(2.7)	35.1	(3.1)	
	Cyprus*	42.2	(0.6)	32.5	(0.6)	40.0	(0.7)	33.9	(0.7)	52.2	(2.5)	27.1	(2.5)	54.5	(2.8)	25.3	(3.0)	43.6	(7.4)	33.7	(5.6)	
	Hong Kong-China	8.6	(0.8)	79.5	(1.3)	8.2	(0.9)	81.2	(1.4)	8.1	(1.1)	78.8	(1.6)	10.0	(1.6)	73.8	(2.3)	6.8	(1.3)	82.2	(1.7)	
	Indonesia	75.9	(2.0)	7.5	(1.4)	75.7	(2.1)	7.5	(1.5)	c	c	c	c	c	c	c	c	c	c	c	c	
	Jordan	68.7	(1.5)	10.5	(0.9)	68.6	(1.5)	10.2	(0.9)	59.0	(3.1)	16.5	(2.2)	55.0	(5.5)	22.6	(4.8)	60.1	(3.3)	14.9	(2.2)	
	Kazakhstan	45.5	(1.7)	23.2	(1.7)	44.7	(1.9)	24.0	(1.8)	48.6	(3.2)	19.9	(3.0)	59.0	(4.5)	11.4	(2.2)	41.6	(4.4)	25.7	(4.3)	
	Latvia	20.1	(1.1)	53.4	(1.5)	19.7	(1.1)	54.0	(1.6)	22.6	(4.7)	50.3	(4.6)	c	c	c	c	22.1	(4.8)	50.1	(4.7)	
	Liechtenstein	14.1	(2.0)	70.7	(2.2)	c	c	77.6	(3.0)	c	c	57.5	(5.3)	c	c	c	c	c	c	c	56.4	(6.7)
	Lithuania	26.2	(1.2)	48.0	(1.3)	25.7	(1.2)	48.6	(1.4)	c	c	44.1	(5.0)	c	c	c	c	c	c	c	c	
	Macao-China	10.9	(0.5)	72.8	(0.6)	13.0	(1.1)	69.2	(1.1)	9.2	(0.5)	75.2	(0.7)	11.0	(1.3)	73.4	(1.7)	8.7	(0.7)	75.8	(0.9)	
	Malaysia	52.0	(1.7)	22.2	(1.5)	51.0	(1.7)	22.8	(1.5)	64.6	(5.5)	c	c	c	c	c	c	c	c	63.3	(5.8)	
	Montenegro	56.9	(1.0)	19.1	(0.6)	56.9	(1.0)	19.0	(0.7)	45.6	(4.0)	26.6	(3.6)	47.9	(4.9)	24.9	(5.5)	43.1	(5.2)	28.5	(5.3)	
	Peru	74.7	(1.7)	9.3	(1.1)	74.1	(1.8)	9.5	(1.1)	c	c	c	c	c	c	c	c	c	c	c	c	
	Qatar	69.7	(0.5)	15.3	(0.3)	87.1	(0.5)	4.1	(0.3)	51.0	(0.9)	27.0	(0.6)	43.0	(1.1)	33.4	(0.9)	67.2	(1.3)	14.1	(0.9)	
	Romania	41.0	(1.9)	30.9	(1.8)	40.9	(1.9)	30.9	(1.8)	c	c	c	c	c	c	c	c	c	c	c	c	
	Russian Federation	24.1	(1.1)	49.5	(1.5)	22.9	(1.2)	51.0	(1.5)	29.7	(2.7)	40.9	(2.4)	36.4	(5.3)	37.9	(5.2)	27.0	(3.2)	42.2	(2.7)	
	Serbia	39.1	(1.5)	34.6	(1.6)	38.9	(1.6)	34.7	(1.5)	33.5	(3.7)	39.6	(3.4)	40.0	(8.2)	c	c	31.6	(3.5)	41.8	(3.7)	
	Shanghai-China	3.8	(0.6)	88.7	(1.0)	3.5	(0.5)	89.3	(0.9)	c	c	c	c	c	c	c	c	c	c	c	c	
	Singapore	8.3	(0.5)	79.5	(0.6)	8.8	(0.6)	78.7	(0.7)	4.7	(0.7)	86.2	(1.1)	5.1	(0.9)	85.1	(1.5)	c	c	88.6	(1.9)	
	Chinese Taipei	12.9	(0.8)	74.0	(1.1)	12.4	(0.8)	74.6	(1.1)	c	c	c	c	c	c	c	c	c	c	c	c	
	Thailand	50.0	(1.7)	22.9	(1.6)	49.3	(1.7)	23.2	(1.6)													


[Part 1/2]

Mathematics performance, first-generation immigrant students, and age at arrivalTable II.3.8 *Results based on students' self-reports*

	Percentage of students (out of total number of students)						Performance in mathematics						PISA index of economic, social and cultural status (ESCS)					
	First-generation students who arrived in the country when they were 5 years old or younger		First-generation students who arrived in the country when they were between 6 and 12 years old		First-generation students who arrived in the country when they were older than 12 years		First-generation students who arrived in the country when they were 5 years old or younger		First-generation students who arrived in the country when they were between 6 and 12 years old		First-generation students who arrived in the country when they were older than 12 years		First-generation students who arrived in the country when they were 5 years old or younger		First-generation students who arrived in the country when they were between 6 and 12 years old		First-generation students who arrived in the country when they were older than 12 years	
	%	S.E.	%	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	2.9	(0.2)	4.7	(0.2)	1.6	(0.2)	536	(6.7)	515	(4.2)	490	(9.1)	0.33	(0.04)	0.30	(0.04)	0.10	(0.09)
Australia	2.4	(0.3)	2.4	(0.3)	0.0	c	455	(11.0)	453	(12.1)	c	c	-0.49	(0.11)	-0.51	(0.13)	c	c
Austria	2.6	(0.2)	2.3	(0.2)	1.4	(0.3)	478	(8.6)	456	(8.7)	433	(18.6)	-0.18	(0.09)	-0.34	(0.09)	-0.33	(0.20)
Belgium	4.3	(0.3)	5.6	(0.4)	1.8	(0.2)	531	(6.3)	529	(5.5)	522	(9.0)	0.56	(0.05)	0.46	(0.04)	0.40	(0.08)
Canada	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Chile	0.6	(0.1)	0.7	(0.2)	0.0	c	499	(24.4)	480	(16.0)	c	c	-0.08	(0.13)	-0.23	(0.15)	c	c
Czech Republic	1.6	(0.2)	1.0	(0.1)	0.0	c	428	(5.7)	429	(8.7)	c	c	-0.15	(0.08)	-0.25	(0.10)	c	c
Denmark	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Estonia	0.7	(0.1)	0.9	(0.1)	0.2	(0.0)	443	(6.8)	417	(13.5)	420	(20.2)	-0.32	(0.08)	-0.34	(0.07)	-0.73	(0.35)
Finland	2.2	(0.3)	1.5	(0.2)	0.9	(0.2)	455	(16.5)	411	(11.7)	374	(11.9)	-0.19	(0.09)	-0.87	(0.14)	-0.73	(0.14)
France	1.2	(0.2)	0.0	c	0.0	c	466	(13.1)	c	c	c	c	-0.25	(0.13)	c	c	c	c
Germany	3.7	(0.4)	1.5	(0.3)	0.0	c	419	(7.5)	398	(13.5)	c	c	-0.88	(0.06)	-0.74	(0.13)	c	c
Greece	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Hungary	0.9	(0.1)	1.5	(0.2)	0.0	c	482	(15.8)	408	(12.1)	c	c	0.04	(0.18)	-0.15	(0.11)	c	c
Iceland	2.1	(0.2)	4.5	(0.4)	1.1	(0.2)	504	(10.3)	500	(5.7)	520	(16.6)	0.29	(0.10)	0.10	(0.06)	0.41	(0.18)
Ireland	3.0	(0.5)	1.6	(0.2)	0.0	c	486	(9.9)	461	(14.8)	c	c	0.02	(0.07)	-0.34	(0.25)	c	c
Israel	2.5	(0.1)	3.1	(0.2)	0.7	(0.1)	454	(5.5)	442	(4.3)	392	(8.6)	-0.3	(0.0)	-0.5	(0.0)	-0.6	(0.1)
Italy	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Japan	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Korea	7.3	(0.4)	6.4	(0.3)	1.9	(0.2)	480	(6.4)	460	(6.1)	470	(11.5)	-0.18	(0.06)	-0.41	(0.06)	-0.28	(0.14)
Luxembourg	0.3	(0.0)	0.0	c	0.0	c	322	(8.3)	c	c	c	c	-1.77	(0.14)	c	c	c	c
Mexico	1.6	(0.3)	0.6	(0.1)	0.0	c	474	(13.8)	494	(14.5)	c	c	-0.16	(0.11)	-0.49	(0.19)	c	c
Netherlands	4.9	(0.5)	8.1	(0.5)	2.7	(0.3)	529	(8.3)	503	(6.6)	497	(10.8)	0.28	(0.07)	0.07	(0.06)	0.16	(0.08)
New Zealand	1.8	(0.2)	2.1	(0.3)	0.0	c	445	(10.6)	452	(8.7)	c	c	0.03	(0.10)	-0.16	(0.09)	c	c
Norway	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Poland	1.0	(0.2)	1.8	(0.3)	0.0	c	455	(18.9)	454	(10.6)	c	c	-0.43	(0.14)	-0.77	(0.14)	c	c
Portugal	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Slovak Republic	0.5	(0.1)	0.9	(0.1)	0.5	(0.1)	470	(27.1)	422	(13.6)	415	(18.3)	-0.17	(0.17)	-0.55	(0.15)	-0.89	(0.15)
Slovenia	2.5	(0.2)	4.5	(0.3)	0.7	(0.1)	455	(7.0)	431	(4.7)	418	(13.1)	-0.52	(0.08)	-0.76	(0.04)	-0.63	(0.15)
Spain	1.8	(0.2)	3.1	(0.3)	0.8	(0.1)	417	(11.1)	410	(8.6)	402	(24.9)	-0.42	(0.11)	-0.35	(0.10)	-0.47	(0.25)
Sweden	2.9	(0.2)	2.5	(0.3)	0.8	(0.1)	477	(9.2)	471	(9.6)	471	(14.9)	-0.32	(0.11)	-0.25	(0.11)	-0.08	(0.16)
Switzerland	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Turkey	2.1	(0.2)	3.0	(0.4)	1.4	(0.4)	482	(11.9)	487	(9.9)	525	(23.8)	0.00	(0.10)	0.21	(0.09)	0.60	(0.18)
United Kingdom	3.2	(0.4)	2.5	(0.4)	0.0	c	469	(9.8)	451	(14.5)	c	c	-0.37	(0.12)	-0.54	(0.14)	c	c
United States	1.8	(0.1)	2.0	(0.1)	0.5	(0.1)	466	(2.4)	456	(2.2)	453	(4.3)	-0.22	(0.02)	-0.31	(0.02)	-0.22	(0.05)
OECD average																		
Partners	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Albania	0.4	(0.1)	0.5	(0.1)	0.0	c	362	(13.7)	343	(17.7)	c	c	-1.29	(0.14)	-1.54	(0.16)	c	c
Argentina	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Brazil	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Bulgaria	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Colombia	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Costa Rica	1.1	(0.2)	0.0	c	0.0	c	396	(14.9)	c	c	c	c	-1.35	(0.21)	c	c	c	c
Croatia	2.6	(0.4)	0.0	c	0.0	c	458	(11.5)	c	c	c	c	-0.80	(0.08)	c	c	c	c
Cyprus*	2.1	(0.2)	2.9	(0.2)	0.9	(0.1)	413	(8.9)	427	(8.2)	434	(14.8)	-0.09	(0.08)	-0.25	(0.08)	-0.07	(0.10)
Hong Kong-China	5.3	(0.5)	6.5	(0.5)	1.3	(0.3)	548	(8.1)	541	(5.8)	540	(19.4)	-1.32	(0.07)	-1.37	(0.04)	-1.25	(0.15)
Indonesia	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Jordan	1.0	(0.2)	0.9	(0.2)	0.0	c	405	(8.4)	449	(15.1)	c	c	-0.27	(0.15)	0.37	(0.09)	c	c
Kazakhstan	1.5	(0.2)	3.2	(0.8)	0.8	(0.2)	416	(8.8)	407	(6.3)	382	(15.1)	-0.64	(0.09)	-0.69	(0.05)	-0.82	(0.13)
Latvia	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Liechtenstein	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Lithuania	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Macao-China	4.8	(0.3)	7.7	(0.3)	2.2	(0.2)	536	(6.1)	544	(4.3)	553	(7.9)	-0.81	(0.05)	-0.99	(0.05)	-0.81	(0.09)
Malaysia	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Montenegro	1.7	(0.2)	0.0	c	0.0	c	433	(11.0)	c	c	c	c	-0.07	(0.10)	c	c	c	c
Peru	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Qatar	13.0	(0.3)	12.6	(0.3)	4.6	(0.2)	431	(2.3)	459	(2.4)	457	(4.1)	0.51	(0.02)	0.63	(0.02)	0.58	(0.03)
Romania	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Russian Federation	1.6	(0.2)	0.9	(0.2)	0.0	c	462	(10.4)	453	(13.2)	c	c	-0.11	(0.10)	-0.30	(0.11)	c	c
Serbia	0.9	(0.2)	0.0	c	0.0	c	441	(17.3)	c	c	c	c	-0.49	(0.19)	c	c	c	c
Shanghai-China	0.6	(0.1)	0.0	c	0.0	c	538	(18.3)	c	c	c	c	-0.5	(0.2)	c	c	c	c
Singapore	3.8	(0.3)	4.8	(0.4)	3.2	(0.3)	595	(8.4)	580	(7.4)	601	(7.7)	0.21	(0.05)	0.15	(0.07)	0.38	(0.06)
Chinese Taipei	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Thailand	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Tunisia	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
United Arab Emirates	14.0	(0.5)	11.5	(0.6)	3.6	(0.3)	481	(3.4)	491	(4.1)	496	(5.6)	0.44	(0.03)	0.54	(0.03)	0.51	(0.04)
Uruguay	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c
Viet Nam	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 2/2]

Mathematics performance, first-generation immigrant students, and age at arrivalTable II.3.8 *Results based on students' self-reports*

		Difference in mathematics performance between non-immigrant students and first-generation students (dummy for second-generation included in the model but not reported)													
		Observed		After accounting for age at arrival		Late-arrival penalty (coefficient on age)		After accounting for age at arrival and student ESCS		Late-arrival penalty (coefficient on age) after accounting for student ESCS		After accounting for age at arrival and student and school ESCS		Late-arrival penalty (coefficient on age) after accounting for student and school ESCS	
		Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	15	(3.6)	41	(7.4)	-3	(0.8)	35	(7.0)	-2	(0.7)	30	(6.9)	-2	(0.7)
	Austria	-63	(9.3)	-73	(14.4)	2	(1.8)	-42	(12.4)	1	(1.6)	-41	(10.1)	2	(1.3)
	Belgium	-82	(6.4)	-61	(9.4)	-3	(1.4)	-44	(8.1)	-2	(1.1)	-40	(7.5)	-1	(0.8)
	Canada	7	(5.4)	15	(8.0)	-1	(0.7)	10	(7.1)	0	(0.7)	8	(7.0)	-1	(0.7)
	Chile	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Czech Republic	-15	(12.1)	10	(25.0)	-3	(2.4)	3	(26.1)	-1	(2.6)	-22	(19.7)	0	(2.1)
	Denmark	-79	(5.4)	-81	(9.6)	0	(1.8)	-59	(9.6)	1	(1.6)	-54	(9.6)	1	(1.6)
	Estonia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Finland	-96	(7.9)	-75	(8.7)	-3	(1.6)	-57	(7.3)	-2	(1.3)	-59	(7.1)	-2	(1.2)
	France	-83	(11.8)	-43	(19.4)	-6	(1.8)	-32	(17.1)	-3	(1.6)	w	w	w	w
	Germany	-64	(11.3)	-62	(19.6)	0	(3.2)	-41	(18.2)	0	(3.0)	-25	(15.8)	-1	(2.6)
	Greece	-55	(7.9)	-37	(9.8)	-2	(1.5)	-8	(9.8)	-2	(1.5)	-7	(8.0)	0	(1.4)
	Hungary	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Iceland	-61	(10.2)	5	(20.0)	-9	(2.2)	25	(18.9)	-8	(2.1)	27	(18.6)	-8	(2.0)
	Ireland	0	(4.9)	2	(12.4)	0	(1.4)	-5	(11.6)	1	(1.2)	-2	(11.6)	1	(1.2)
	Israel	0	(8.0)	29	(14.8)	-5	(2.3)	39	(12.5)	-4	(2.0)	33	(11.6)	-5	(2.1)
	Italy	-55	(3.7)	-30	(8.0)	-3	(0.9)	-15	(8.3)	-3	(0.9)	-12	(7.8)	-2	(0.8)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Luxembourg	-40	(4.7)	-34	(7.9)	-1	(0.8)	-11	(7.4)	0	(0.7)	-19	(6.9)	0	(0.6)
	Mexico	-83	(6.4)	-98	(8.5)	5	(1.7)	-83	(8.0)	2	(1.6)	-77	(7.5)	0	(1.7)
	Netherlands	-60	(10.6)	-56	(16.6)	1	(2.2)	-37	(16.0)	1	(2.3)	-42	(13.9)	1	(1.9)
	New Zealand	7	(5.8)	37	(11.3)	-3	(1.1)	25	(10.0)	-3	(1.0)	22	(9.3)	-2	(1.0)
	Norway	-54	(6.7)	-45	(13.5)	-1	(1.5)	-34	(14.4)	0	(1.6)	-32	(13.8)	0	(1.5)
	Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	-43	(8.0)	-14	(24.7)	-4	(2.5)	-17	(22.3)	-2	(2.3)	-14	(22.5)	-3	(2.3)
	Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Slovenia	-74	(10.6)	-31	(24.8)	-4	(2.1)	-24	(21.9)	-2	(2.1)	-45	(21.4)	0	(2.5)
	Spain	-56	(4.5)	-24	(7.3)	-4	(0.9)	-12	(7.5)	-3	(0.8)	-9	(7.2)	-4	(0.8)
	Sweden	-76	(7.9)	-60	(14.6)	-2	(1.7)	-37	(14.4)	-2	(1.5)	-34	(14.3)	-2	(1.5)
	Switzerland	-77	(5.1)	-70	(10.6)	-1	(1.3)	-48	(8.9)	-1	(1.1)	-51	(7.4)	-1	(1.0)
	Turkey	c	c	c	c	c	c	c	c	c	c	c	c	c	c
United Kingdom	-3	(11.7)	-30	(11.9)	4	(2.0)	-12	(12.3)	2	(1.7)	2	(9.8)	0	(1.2)	
United States	-23	(9.6)	-27	(12.3)	1	(1.5)	5	(10.0)	0	(1.3)	10	(9.7)	0	(1.3)	
OECD average	-47	(1.6)	-31	(2.9)	-2	(0.3)	-18	(2.7)	-1	(0.3)	-18	(2.5)	-1	(0.3)	
Partners	Albania	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Argentina	-39	(10.0)	-33	(15.6)	-1	(1.9)	-18	(15.5)	0	(2.0)	-17	(14.5)	1	(1.9)
	Brazil	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Colombia	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Costa Rica	-20	(10.5)	-10	(17.0)	-2	(2.0)	-1	(15.2)	-2	(1.9)	-7	(14.5)	-2	(1.9)
	Croatia	-21	(10.1)	-11	(13.7)	-2	(1.7)	9	(13.2)	-3	(1.8)	7	(12.0)	-3	(2.0)
	Cyprus*	-23	(5.5)	-29	(10.6)	1	(1.1)	-22	(9.6)	2	(1.0)	-29	(8.9)	2	(1.0)
	Hong Kong-China	-24	(6.6)	-16	(9.9)	-1	(1.2)	5	(9.2)	-1	(1.1)	6	(8.8)	-1	(1.0)
	Indonesia	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Jordan	29	(8.7)	21	(11.6)	3	(1.8)	17	(10.9)	1	(1.6)	10	(10.7)	0	(1.5)
	Kazakhstan	-26	(6.3)	-7	(10.4)	-3	(1.2)	-2	(10.4)	-2	(1.2)	1	(10.4)	-1	(1.2)
	Latvia	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Lithuania	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Macao-China	11	(3.7)	-2	(7.7)	2	(0.8)	3	(7.6)	2	(0.8)	8	(7.7)	2	(0.9)
	Malaysia	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Montenegro	19	(8.9)	27	(13.3)	-1	(1.8)	17	(12.1)	0	(1.8)	12	(10.6)	1	(1.7)
	Peru	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Qatar	109	(1.9)	94	(2.8)	3	(0.3)	92	(2.7)	3	(0.3)	90	(2.5)	2	(0.3)
	Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Russian Federation	-29	(8.2)	-26	(12.6)	-1	(1.9)	-27	(14.2)	0	(1.9)	-28	(15.2)	0	(2.0)
	Serbia	-10	(12.4)	1	(22.1)	-1	(3.3)	9	(18.6)	-2	(2.9)	13	(15.0)	-4	(2.4)
	Shanghai-China	-104	(13.9)	-141	(25.8)	5	(3.0)	-114	(28.6)	5	(3.3)	-88	(22.3)	5	(3.0)
	Singapore	20	(4.8)	20	(8.7)	0	(0.9)	-1	(7.9)	0	(0.9)	-12	(8.0)	0	(0.9)
	Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Thailand	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Tunisia	c	c	c	c	c	c	c	c	c	c	c	c	c	
	United Arab Emirates	84	(3.5)	78	(4.2)	1	(0.4)	74	(4.3)	1	(0.4)	67	(4.9)	1	(0.3)
Uruguay	c	c	c	c	c	c	c	c	c	c	c	c	c		
Viet Nam	c	c	c	c	c	c	c	c	c	c	c	c	c		

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 1/2]


Concentration of immigrant students in schoolTable II.3.9 *Results based on students' self-reports*

	Percentage of students									
	Immigrant students		In schools where the percentage of immigrant students is zero		In schools where the percentage of immigrant students is more than 0% but less than 10% (low concentration)		In schools where the percentage of immigrant students is at or above 10% but less than 25% (medium concentration)		In schools where the percentage of immigrant students is at or above 25% (high concentration)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD										
Australia	22.7	(0.7)	15.0	(1.3)	18.2	(1.6)	29.1	(1.9)	37.7	(1.8)
Austria	16.4	(1.1)	15.1	(2.9)	33.6	(3.9)	29.1	(4.0)	22.2	(2.9)
Belgium	15.1	(0.9)	17.8	(2.2)	36.6	(2.9)	24.2	(2.4)	21.4	(2.2)
Canada	29.5	(1.3)	17.9	(1.3)	22.4	(1.6)	16.3	(1.6)	43.3	(1.9)
Chile	0.9	(0.2)	78.4	(3.1)	21.1	(3.1)	0.5	(0.3)	c	c
Czech Republic	3.2	(0.4)	60.8	(3.7)	26.9	(3.6)	11.5	(2.1)	0.7	(0.5)
Denmark	8.9	(0.6)	29.8	(2.8)	41.6	(2.9)	20.9	(2.4)	7.7	(1.3)
Estonia	8.2	(0.5)	39.7	(2.2)	34.8	(2.1)	12.5	(2.1)	13.1	(2.1)
Finland	3.3	(0.2)	33.4	(3.0)	58.0	(3.0)	7.5	(0.4)	1.1	(0.2)
France	w	w	w	w	w	w	w	w	w	w
Germany	13.1	(0.8)	23.3	(2.7)	27.8	(2.8)	31.3	(3.1)	17.6	(2.4)
Greece	10.5	(0.8)	19.9	(3.2)	49.8	(3.9)	23.3	(3.0)	7.0	(1.5)
Hungary	1.7	(0.2)	70.7	(3.5)	27.1	(3.4)	1.8	(1.0)	0.4	(0.3)
Iceland	3.5	(0.3)	43.2	(0.2)	50.7	(0.2)	5.5	(0.2)	0.6	(0.0)
Ireland	10.1	(0.7)	14.3	(2.4)	40.5	(3.6)	38.7	(3.9)	6.5	(2.0)
Israel	18.3	(1.2)	17.0	(1.9)	25.7	(3.5)	29.7	(3.6)	27.7	(3.1)
Italy	7.5	(0.3)	30.3	(1.5)	46.1	(1.6)	18.0	(1.3)	5.6	(1.1)
Japan	0.3	(0.1)	90.0	(2.1)	10.0	(2.1)	c	c	c	c
Korea	0.0	(0.0)	99.3	(0.5)	0.7	(0.5)	c	c	c	c
Luxembourg	46.4	(0.7)	c	c	0.8	(0.0)	16.0	(0.1)	83.2	(0.1)
Mexico	1.3	(0.1)	77.2	(1.6)	20.4	(1.5)	2.1	(0.5)	0.3	(0.2)
Netherlands	10.6	(1.0)	29.7	(3.5)	35.6	(4.0)	22.7	(3.7)	12.0	(2.1)
New Zealand	26.3	(1.5)	7.4	(1.9)	13.9	(2.5)	41.3	(3.5)	37.3	(3.4)
Norway	9.4	(0.9)	28.9	(3.5)	37.6	(3.6)	26.2	(3.0)	7.2	(1.7)
Poland	0.2	(0.1)	95.9	(1.5)	4.0	(1.5)	0.1	(0.1)	c	c
Portugal	6.9	(0.6)	34.4	(4.5)	42.0	(4.5)	16.5	(2.9)	7.2	(2.3)
Slovak Republic	0.7	(0.2)	85.2	(2.7)	13.6	(2.7)	1.2	(0.7)	c	c
Slovenia	8.6	(0.4)	36.0	(0.8)	35.8	(0.5)	19.8	(0.6)	8.4	(0.6)
Spain	9.9	(0.6)	27.7	(2.4)	35.7	(2.8)	26.6	(2.7)	10.0	(1.7)
Sweden	14.5	(0.9)	17.6	(2.5)	34.3	(3.1)	28.7	(2.9)	19.4	(2.2)
Switzerland	24.1	(0.9)	3.9	(1.0)	14.5	(2.1)	41.4	(3.2)	40.2	(3.3)
Turkey	0.9	(0.2)	83.0	(3.3)	15.0	(3.2)	2.0	(1.3)	c	c
United Kingdom	12.7	(1.1)	33.1	(2.9)	29.8	(3.1)	20.7	(2.9)	16.4	(2.2)
United States	21	(2.0)	20	(3.4)	29	(4.1)	17.3	(3.5)	34.2	(3.9)
OECD average	11.2	(0.1)	40.0	(0.4)	28.5	(0.5)	19.0	(0.4)	18.1	(0.4)
Partners										
Albania	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c
Argentina	3.9	(0.4)	56.4	(3.8)	33.1	(3.7)	7.3	(2.2)	3.2	(0.8)
Brazil	0.7	(0.1)	86.2	(1.6)	12.3	(1.5)	1.4	(0.5)	0.1	(0.1)
Bulgaria	0.5	(0.2)	90.3	(2.3)	8.6	(2.2)	1.0	(0.7)	0.1	(0.1)
Colombia	0.3	(0.1)	91.1	(2.0)	8.9	(2.0)	0.1	(0.1)	c	c
Costa Rica	5.5	(0.7)	43.7	(3.4)	37.1	(3.4)	16.4	(2.3)	2.8	(1.5)
Croatia	12.1	(0.8)	11.4	(2.5)	34.7	(3.9)	43.9	(3.9)	10.1	(2.5)
Cyprus*	8.5	(0.4)	15.9	(0.1)	62.5	(0.2)	14.2	(0.1)	7.4	(0.1)
Hong Kong-China	34.7	(1.5)	c	c	7.6	(2.9)	18.6	(3.1)	73.7	(3.9)
Indonesia	0.2	(0.1)	96.9	(1.2)	2.9	(1.1)	0.2	(0.1)	c	c
Jordan	13.4	(0.7)	20.8	(2.7)	22.8	(2.8)	38.8	(4.0)	17.6	(3.1)
Kazakhstan	16.1	(1.7)	15.6	(2.6)	32.8	(3.6)	35.4	(3.7)	16.1	(3.4)
Latvia	4.5	(0.5)	58.9	(3.5)	21.7	(3.2)	16.1	(2.5)	3.2	(1.3)
Liechtenstein	33.3	(2.9)	c	c	c	c	53.1	(1.0)	46.9	(1.0)
Lithuania	1.7	(0.3)	79.7	(3.1)	16.3	(3.0)	2.4	(1.1)	1.5	(0.8)
Macao-China	65.1	(0.6)	c	c	c	c	c	c	100.0	c
Malaysia	1.7	(0.3)	72.8	(3.2)	21.6	(2.9)	5.6	(1.3)	c	c
Montenegro	5.8	(0.4)	0.9	(0.2)	77.3	(0.2)	21.7	(0.1)	0.0	(0.0)
Peru	0.5	(0.1)	88.0	(2.1)	11.2	(2.1)	0.6	(0.4)	0.1	(0.1)
Qatar	52.0	(0.4)	c	c	3.6	(0.0)	20.8	(0.1)	75.6	(0.1)
Romania	0.2	(0.1)	94.6	(1.9)	5.4	(1.9)	c	c	c	c
Russian Federation	10.9	(0.8)	13.8	(2.0)	39.3	(3.2)	40.5	(2.7)	6.3	(2.0)
Serbia	8.5	(0.8)	27.8	(3.6)	42.1	(4.2)	23.9	(3.0)	6.2	(1.8)
Shanghai-China	0.9	(0.2)	80.1	(3.2)	18.9	(3.1)	0.9	(0.7)	c	c
Singapore	18.3	(0.8)	2.1	(0.9)	21.2	(0.1)	58.6	(0.2)	18.1	(0.9)
Chinese Taipei	0.5	(0.1)	84.8	(2.9)	15.2	(2.9)	c	c	c	c
Thailand	0.7	(0.4)	96.8	(1.4)	1.5	(1.0)	0.7	(0.7)	1.0	(0.7)
Tunisia	0.4	(0.1)	89.2	(2.6)	10.8	(2.6)	c	c	c	c
United Arab Emirates	54.9	(1.4)	2.3	(1.1)	11.1	(1.7)	16.5	(1.9)	70.1	(2.2)
Uruguay	0.5	(0.1)	88.6	(2.4)	11.0	(2.5)	0.5	(0.4)	c	c
Viet Nam	0.1	(0.1)	97.2	(1.4)	2.8	(1.4)	c	c	c	c

Note: This table was calculated considering only students with data on the *PISA index of economic, social and cultural status*. Values that are statistically significant are indicated in bold (see Annex A3).

1. The *PISA index of economic, social and cultural status* (ESCS).

* See notes at the beginning of this Annex.

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[Part 2/2]
Concentration of immigrant students in school
Results based on students' self-reports

Table II.3.9

		Estimated coefficients in a model with mathematics performance as the dependent variable																							
		Before accounting for ESCS ¹				After accounting for student ESCS				After accounting for school ESCS															
		Immigrant student		Low-concentration schools vs. those without immigrant students		Medium-concentration schools vs. those without immigrant students		High-concentration schools vs. those without immigrant students		Immigrant student		Low-concentration schools vs. those without immigrant students		Medium-concentration schools vs. those without immigrant students		High-concentration schools vs. those without immigrant students									
		Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.								
OECD	Australia	14	(3.2)	17	(5.2)	25	(4.3)	37	(4.9)	19	(3.2)	9	(4.3)	12	(3.7)	25	(3.9)	20	(2.9)	0	(4.6)	-3	(4.2)	14	(4.0)
	Austria	-44	(4.3)	26	(14.1)	25	(14.2)	-17	(14.3)	-22	(4.1)	17	(12.1)	12	(12.4)	-17	(11.8)	-33	(3.9)	5	(10.7)	0	(11.2)	4	(9.6)
	Belgium	-45	(4.4)	-20	(10.7)	-48	(11.0)	-72	(12.6)	-28	(3.6)	-22	(8.2)	-48	(8.6)	-61	(9.1)	-31	(3.9)	-23	(6.4)	-43	(6.7)	-30	(6.5)
	Canada	-9	(3.4)	7	(6.1)	5	(6.8)	16	(5.3)	0	(3.2)	2	(5.6)	-5	(6.3)	3	(4.9)	2	(3.3)	-2	(5.2)	-14	(6.0)	-4	(4.9)
	Chile	-5	(10.3)	7	(9.2)	c	c	c	c	-4	(8.8)	-7	(6.3)	c	c	c	c	-4	(9.4)	-15	(5.6)	c	c	c	c
	Czech Republic	-22	(8.5)	28	(9.6)	-15	(16.0)	c	c	-14	(9.2)	17	(8.3)	-18	(12.1)	c	c	-19	(7.9)	-3	(8.0)	-21	(9.0)	c	c
	Denmark	-60	(3.2)	3	(5.5)	4	(6.4)	-17	(6.1)	-37	(3.1)	2	(4.3)	4	(4.9)	-10	(5.2)	-40	(3.2)	2	(3.8)	8	(4.4)	7	(5.7)
	Estonia	-15	(5.5)	3	(4.1)	-32	(6.5)	-21	(7.9)	-15	(5.2)	-3	(3.7)	-31	(6.4)	-23	(6.7)	-14	(5.4)	-10	(3.8)	-31	(6.9)	-25	(5.9)
	Finland	-80	(4.3)	12	(3.9)	0	(5.1)	-34	(16.2)	-59	(4.0)	5	(3.7)	-5	(4.4)	-33	(16.1)	-61	(4.0)	1	(3.7)	-6	(4.2)	-25	(15.8)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	-32	(4.2)	18	(12.8)	-6	(13.5)	-49	(14.1)	-9	(4.6)	14	(10.6)	-4	(11.0)	-39	(12.0)	-23	(3.9)	10	(9.2)	10	(8.2)	1	(9.9)
	Greece	-20	(5.0)	-7	(11.3)	-33	(11.5)	-80	(15.4)	-5	(5.3)	-7	(8.3)	-28	(9.1)	-66	(14.3)	-7	(5.1)	-6	(6.7)	-20	(8.1)	-40	(14.8)
	Hungary	16	(10.2)	48	(12.9)	c	c	c	c	11	(12.4)	29	(9.7)	c	c	c	c	11	(9.6)	3	(7.2)	c	c	c	c
	Iceland	-47	(9.3)	10	(3.1)	-13	(7.3)	c	c	-28	(8.9)	5	(3.1)	-7	(7.1)	c	c	-29	(9.0)	1	(3.2)	3	(7.2)	c	c
	Ireland	4	(4.7)	-9	(8.6)	-11	(9.6)	-33	(14.2)	0	(4.4)	-4	(6.3)	-7	(6.8)	-24	(10.5)	3	(4.3)	-1	(5.1)	-4	(5.4)	-16	(9.0)
	Israel	-12	(3.6)	59	(15.1)	78	(12.0)	75	(12.1)	-2	(3.4)	41	(11.4)	58	(9.6)	62	(9.0)	-5	(3.5)	18	(8.9)	34	(9.0)	51	(7.6)
	Italy	-31	(2.7)	20	(6.4)	-2	(6.8)	-50	(8.8)	-21	(2.7)	19	(5.4)	2	(5.9)	-38	(7.1)	-25	(2.5)	18	(4.3)	14	(5.1)	-2	(5.2)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Korea	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Luxembourg	-31	(3.2)	c	c	57	(2.7)	-14	(11.8)	-4	(3.3)	c	c	43	(2.7)	-43	(2.7)	-14	(3.1)	c	c	7	(2.8)	-12	(12.0)
	Mexico	-52	(4.1)	-15	(4.0)	-68	(7.0)	-14	(40.1)	-48	(4.0)	-14	(3.2)	-49	(7.9)	-23	(24.5)	-50	(3.7)	-13	(2.9)	-34	(9.0)	-30	(14.9)
	Netherlands	-35	(5.5)	-11	(16.1)	-9	(16.4)	-60	(19.5)	-16	(5.8)	-13	(13.7)	-12	(15.3)	-54	(17.2)	-30	(5.2)	-13	(9.3)	-8	(14.5)	0	(12.8)
	New Zealand	-10	(5.2)	23	(14.7)	42	(13.4)	48	(15.5)	-4	(4.4)	14	(14.6)	22	(14.2)	27	(14.8)	-2	(4.0)	6	(15.2)	2	(15.4)	9	(14.3)
	Norway	-46	(5.8)	-4	(6.6)	-5	(7.7)	-1	(11.2)	-27	(5.8)	-4	(6.0)	-7	(7.1)	-3	(10.0)	-30	(5.7)	-3	(5.8)	-6	(6.9)	9	(9.9)
	Poland	c	c	14	(24.2)	c	c	c	c	c	c	-7	(19.7)	c	c	c	c	c	c	c	-22	(18.4)	c	c	c
	Portugal	-31	(7.4)	11	(9.5)	-16	(12.0)	-26	(16.6)	-25	(8.6)	0	(6.8)	-26	(8.4)	-27	(13.1)	-25	(8.1)	-7	(7.0)	-32	(7.1)	-26	(11.3)
	Slovak Republic	-19	(16.1)	31	(18.2)	c	c	c	c	-10	(19.3)	16	(13.5)	c	c	c	c	-8	(17.9)	3	(10.7)	c	c	c	c
	Slovenia	-33	(5.4)	12	(3.6)	16	(4.9)	-53	(5.9)	-13	(4.9)	7	(3.3)	9	(4.9)	-42	(5.2)	-26	(4.9)	1	(3.2)	1	(4.0)	8	(6.5)
Spain	-45	(3.7)	8	(5.5)	-7	(7.2)	-14	(7.7)	-33	(3.7)	7	(3.8)	-3	(5.9)	-7	(6.8)	-34	(3.7)	7	(3.4)	1	(5.6)	1	(6.7)	
Sweden	-57	(4.6)	-4	(6.1)	6	(7.3)	-5	(8.2)	-40	(4.7)	-5	(5.2)	4	(6.2)	-4	(6.8)	-43	(4.6)	-5	(5.1)	5	(5.9)	6	(6.3)	
Switzerland	-49	(2.5)	35	(15.0)	34	(14.8)	-11	(13.2)	-30	(2.6)	27	(13.0)	22	(13.0)	-17	(11.4)	-36	(2.7)	16	(14.9)	10	(12.9)	-14	(11.8)	
Turkey	-20	(15.0)	23	(19.7)	c	c	c	c	-24	(15.2)	18	(15.9)	c	c	c	c	-19	(13.1)	8	(11.8)	c	c	c	c	
United Kingdom	-9	(6.2)	8	(6.3)	14	(13.1)	1	(9.0)	-7	(5.9)	5	(5.6)	14	(9.6)	2	(7.0)	-9	(5.1)	2	(5.4)	16	(6.3)	6	(6.4)	
United States	-5	(4.3)	23	(9.6)	24	(9.4)	-1	(10.9)	19	(4.5)	12	(7.7)	19	(7.3)	-1	(9.0)	18	(4.6)	4	(6.8)	19	(6.7)	11	(8.5)	
OECD average	-28	(1.2)	12	(2.1)	2	(2.0)	-18	(2.9)	-16	(1.3)	5	(1.7)	-1	(1.7)	-19	(2.2)	-19	(1.2)	-1	(1.4)	-4	(1.5)	-5	(2.0)	
Partners	Albania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Argentina	-12	(6.2)	-7	(8.2)	-40	(9.5)	-52	(11.6)	-1	(6.1)	-5	(6.6)	-27	(8.9)	-36	(11.0)	-8	(6.3)	-2	(5.5)	-9	(9.9)	-8	(12.1)
	Brazil	-39	(8.4)	-7	(9.6)	-33	(19.0)	c	c	-40	(8.2)	-9	(7.1)	-43	(8.8)	c	c	-39	(8.4)	-11	(5.1)	-53	(10.9)	c	c
	Bulgaria	c	c	-33	(14.6)	c	c	c	c	c	c	-24	(8.3)	c	c	c	c	c	c	-19	(7.6)	c	c	c	c
	Colombia	-37	(12.0)	-35	(9.6)	c	c	c	c	-43	(11.5)	-26	(7.6)	c	c	c	c	-40	(11.1)	-19	(6.7)	c	c	c	c
	Costa Rica	-19	(5.2)	9	(7.4)	-6	(7.2)	-42	(11.8)	-6	(4.8)	5	(5.9)	-5	(5.4)	-34	(6.1)	-13	(4.6)	4	(5.6)	-1	(5.4)	-21	(9.3)
	Croatia	-13	(4.2)	21	(16.7)	5	(15.4)	-12	(16.5)	-3	(4.0)	15	(13.3)	1	(12.3)	-14	(13.6)	-8	(3.8)	5	(10.6)	-2	(9.6)	-10	(12.3)
	Cyprus*	-16	(5.8)	14	(3.5)	-1	(4.1)	-6	(6.2)	-9	(5.3)	6	(3.6)	-4	(4.3)	-6	(6.2)	-17	(4.8)	-4	(3.6)	-7	(4.1)	-6	(5.8)
	Hong Kong-China	1	(3.7)	47	(16.3)	33	(14.1)	-47	(16.3)	14	(3.6)	19	(15.6)	21	(12.1)	-21	(12.1)	8	(3.4)	-62	(17.2)	-19	(12.2)	62	(17.2)
	Indonesia	c	c	19	(14.1)	c	c	c	c	c	c	15	(12.8)	c	c	c	c	c	c	9	(12.8)	c	c	c	c
	Jordan	13	(3.4)	14	(6.8)	19	(9.1)	31	(11.7)	10	(3.3)	10	(6.6)	12	(8.0)	19	(10.7)	10	(3.0)	4	(7.6)	0	(7.4)	-2	(11.7)
	Kazakhstan	-4	(4.1)	1	(10.5)	-4	(9.8)	-5	(13.3)	-1	(3.8)	-5	(10.2)	-10	(9.4)	-6	(12.8)	0	(3.6)	-14	(10.7)	-19	(10.3)	-5	(13.1)
	Latvia	-5	(7.4)	16	(7.6)	2	(10.1)	-10	(9.0)	-8	(7.7)	9	(6.1)	-1	(8.2)	-10	(6.1)	-7	(7.6)	3	(5.8)	-3	(7.6)	-12	(8.1)
	Liechtenstein	-17	(9.4)	c	c	c	c	c	c	-13	(9.4)	c	c	c	c	c	c	-14	(9.6)	c	c	c	c	c	c
	Lithuania	0	(10.2)	4	(7.8)	-29	(15.1)	c	c	3	(10.5)	0	(6.9)	-28	(10.6)	c	c	3	(10.1)	-6	(6.7)	-25	(8.2)	c	c
	Macao-China	16	(2.8)	c	c	c	c	c	c	22	(2.8)	c	c	c	c	c	c	26	(2.7)	c	c	c	c	c	c
	Malaysia	-11	(8.6)	-3	(7.2)	-20	(8.4)	c	c	5	(10.3)	-5	(6.0)	-15	(7.9)	c	c	-2	(9.1)	-6	(5.8)	-6	(9.5)	c	c
	Montenegro	19	(6.6)	39	(21.3)	45	(21.4)	c	c	16	(6.2)	20	(19.0)	22	(19.1)	c	c	14	(5.5)	-27	(16.1)	-34	(16.2)	c	c
	Peru	-75	(17.1)	3	(14.1)	c	c	c	c	-74	(18.2)	-1	(8.8)	c	c	c	c	-71	(17.0)	-4	(6.2)	c	c	c	c
	Qatar	81	(1.9)	-10	(4.0)	-27	(2.2)	10	(4.0)	80	(1.9)	-14	(4.1)	-27	(2.3)	27	(2.3)	74	(1.9)	-24	(3.8)	-30	(2.3)	24	(3.8)
	Romania	c	c	28	(22.4)	c	c	c	c	c	c	12	(14.7)	c	c	c	c	c	c	-5	(8.5)	c	c	c	c
	Russian Federation	-19	(4.0)	22	(8.7)	7	(8.6)	1	(12.5)	-16	(4.3)	3	(8.1)	-7	(7.4)	-7	(11.1)	-16	(4.2)	-14	(9.2)	-20	(7.8)	-13	(12.3)
	Serbia	8	(3.9)	13	(12.0)	38	(12.8)	-2	(19.0)	8	(3.9)	12	(10.0)	30	(

[Part 1/2]

Concentration, in school, of students who do not speak the language of assessment at home
Results based on students' self-reports


Table II.3.10

	Percentage of students									
	Students who do not speak the language of assessment at home		In schools where the percentage of students who do not speak the language of assessment at home is zero		In schools where the percentage of students who do not speak the language of assessment at home is more than 0% but less than 10% (low concentration)		In schools where the percentage of students who do not speak the language of assessment at home is at or above 10% but less than 25% (medium concentration)		In schools where the percentage of students who do not speak the language of assessment at home is at or above 25% (high concentration)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD										
Australia	9.7	(0.5)	38.2	(1.8)	25.9	(1.6)	23.7	(1.4)	12.1	(1.2)
Austria	11.2	(0.8)	26.8	(3.0)	38.1	(3.9)	18.4	(3.2)	16.7	(2.3)
Belgium	21.4	(0.8)	10.4	(1.8)	25.0	(2.6)	32.3	(2.6)	32.3	(2.4)
Canada	17.3	(0.9)	22.8	(1.8)	26.6	(2.0)	23.3	(2.2)	27.2	(2.3)
Chile	0.6	(0.1)	83.8	(2.9)	15.6	(2.9)	c	c	c	c
Czech Republic	2.9	(0.4)	66.3	(3.5)	25.6	(3.0)	6.7	(1.5)	1.4	(0.7)
Denmark	4.5	(0.3)	43.8	(3.3)	43.3	(3.3)	10.0	(1.4)	2.8	(0.2)
Estonia	5.5	(0.5)	50.7	(2.4)	34.9	(2.3)	10.8	(1.7)	3.6	(1.1)
Finland	4.5	(0.2)	31.3	(3.1)	55.9	(3.1)	9.7	(0.5)	3.1	(0.3)
France	w	w	w	w	w	w	w	w	w	w
Germany	7.0	(0.6)	41.0	(2.9)	36.9	(3.2)	15.4	(2.4)	6.7	(1.6)
Greece	5.1	(0.6)	43.2	(3.6)	46.0	(3.7)	6.8	(1.7)	4.0	(1.1)
Hungary	1.0	(0.2)	80.6	(3.2)	17.9	(3.2)	c	c	c	c
Iceland	3.9	(0.3)	36.3	(0.3)	54.8	(0.3)	6.3	(0.1)	c	c
Ireland	4.8	(0.5)	43.5	(3.7)	38.2	(3.4)	17.9	(3.1)	c	c
Israel	11.1	(0.9)	16.5	(3.0)	42.3	(4.0)	28.5	(3.6)	12.8	(2.6)
Italy	14.3	(0.4)	11.6	(1.2)	39.8	(2.2)	31.3	(2.3)	17.4	(1.1)
Japan	c	c	88.9	(2.4)	11.1	(2.4)	c	c	c	c
Korea	c	c	98.1	(1.0)	c	c	c	c	c	c
Luxembourg	85.3	(0.4)	c	c	c	c	c	c	95.2	(0.0)
Mexico	3.2	(0.3)	74.0	(1.6)	19.3	(1.6)	3.0	(0.6)	3.7	(0.6)
Netherlands	6.3	(0.5)	35.7	(3.9)	41.2	(3.7)	19.1	(3.4)	4.0	(1.5)
New Zealand	16.0	(1.1)	9.9	(1.8)	32.9	(3.4)	36.2	(3.6)	21.0	(2.6)
Norway	7.5	(0.6)	26.9	(3.1)	47.3	(3.6)	21.4	(2.8)	4.5	(1.5)
Poland	0.9	(0.3)	86.7	(2.4)	11.8	(2.2)	c	c	c	c
Portugal	2.6	(0.3)	55.0	(3.6)	40.5	(3.7)	4.0	(1.3)	c	c
Slovak Republic	7.4	(0.9)	55.2	(3.6)	26.6	(3.2)	9.1	(1.6)	9.1	(1.9)
Slovenia	5.9	(0.4)	51.8	(0.7)	30.7	(0.5)	11.5	(0.6)	6.0	(0.5)
Spain	18.6	(1.1)	34.0	(2.1)	28.4	(2.3)	11.5	(1.7)	26.1	(1.9)
Sweden	10.1	(0.7)	33.1	(3.0)	33.3	(3.2)	22.3	(2.8)	11.3	(1.6)
Switzerland	16.4	(0.8)	8.6	(1.6)	28.0	(3.3)	40.7	(3.3)	22.7	(2.7)
Turkey	6.2	(0.8)	64.9	(3.1)	21.3	(3.1)	4.8	(1.3)	9.0	(1.5)
United Kingdom	6.9	(0.7)	43.7	(3.2)	39.2	(3.2)	7.6	(1.8)	9.5	(1.8)
United States	14	(1.3)	21	(3.3)	39	(4.3)	17.7	(3.1)	21.7	(3.0)
OECD average	10.6	(0.1)	44.6	(0.5)	32.9	(0.5)	16.8	(0.4)	15.1	(0.3)
Partners										
Albania	c	c	c	c	c	c	c	c	c	c
Argentina	1.6	(0.2)	74.9	(3.5)	21.1	(3.3)	3.4	(1.4)	c	c
Brazil	1.1	(0.1)	77.4	(2.2)	21.1	(2.2)	1.1	(0.5)	0.4	(0.2)
Bulgaria	10.8	(1.2)	45.3	(3.3)	29.5	(3.3)	10.4	(2.3)	14.8	(2.2)
Colombia	0.7	(0.2)	87.6	(2.4)	11.3	(2.3)	c	c	c	c
Costa Rica	1.2	(0.2)	76.8	(3.1)	20.4	(3.0)	2.8	(1.1)	c	c
Croatia	1.3	(0.3)	75.5	(3.4)	22.7	(3.4)	c	c	c	c
Cyprus*	18.4	(0.3)	11.3	(0.1)	62.9	(0.1)	6.9	(0.1)	18.9	(0.1)
Hong Kong-China	6.8	(0.9)	25.3	(3.9)	54.2	(3.9)	18.2	(3.0)	2.3	(1.1)
Indonesia	58.9	(2.3)	3.0	(1.1)	9.7	(2.7)	7.0	(2.0)	80.3	(2.7)
Jordan	4.7	(0.3)	31.0	(3.2)	56.2	(3.7)	12.6	(2.3)	c	c
Kazakhstan	11.1	(0.9)	34.3	(2.6)	26.5	(3.3)	25.8	(3.5)	13.3	(2.0)
Latvia	10.5	(1.4)	40.3	(3.5)	29.4	(2.8)	19.1	(2.8)	11.3	(2.2)
Liechtenstein	12.0	(1.8)	c	c	c	c	31.9	(1.1)	c	c
Lithuania	3.5	(0.5)	65.2	(3.2)	24.3	(3.2)	8.7	(1.7)	1.8	(0.8)
Macao-China	13.6	(0.2)	24.5	(0.1)	56.2	(0.1)	c	c	16.0	(0.1)
Malaysia	42.3	(2.5)	13.1	(2.4)	16.1	(3.2)	18.1	(3.1)	52.7	(3.5)
Montenegro	1.0	(0.1)	41.5	(0.2)	58.5	(0.2)	c	c	c	c
Peru	6.4	(0.9)	65.5	(3.3)	23.0	(3.3)	2.5	(1.0)	8.9	(1.6)
Qatar	39.2	(0.3)	3.4	(0.1)	45.3	(0.1)	8.3	(0.1)	43.0	(0.1)
Romania	1.7	(0.4)	76.8	(3.3)	20.2	(3.0)	c	c	c	c
Russian Federation	8.7	(1.8)	41.9	(3.7)	41.9	(4.0)	7.2	(1.8)	9.1	(2.9)
Serbia	4.2	(0.6)	52.5	(3.9)	38.3	(4.0)	5.6	(1.7)	3.6	(1.7)
Shanghai-China	1.4	(0.2)	66.4	(3.3)	33.2	(3.2)	c	c	c	c
Singapore	54.4	(0.9)	c	c	c	c	10.9	(0.2)	86.9	(0.7)
Chinese Taipei	16.5	(1.1)	7.2	(2.0)	37.7	(3.6)	31.7	(3.4)	23.3	(3.1)
Thailand	44.6	(1.7)	10.0	(1.8)	18.1	(2.7)	14.5	(2.5)	57.5	(2.4)
Tunisia	1.1	(0.2)	77.2	(3.3)	21.8	(3.3)	c	c	c	c
United Arab Emirates	33.5	(0.9)	16.7	(1.9)	32.3	(2.5)	11.7	(1.6)	39.4	(0.9)
Uruguay	2.1	(0.4)	70.0	(3.1)	25.3	(3.0)	3.3	(1.1)	c	c
Viet Nam	2.2	(0.4)	81.6	(2.8)	12.7	(2.5)	3.3	(1.5)	c	c

Note: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

1. The PISA index of economic, social and cultural status (ESCS).

* See notes at the beginning of this Annex.

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[Part 2/2]

Concentration, in school, of students who do not speak the language of assessment at home*Results based on students' self-reports*

Table II.3.10

		Estimated coefficients in a model with mathematics performance as the dependent variable																							
		Before accounting for ESCS ¹				After accounting for student ESCS				After accounting for student and school ESCS															
		Students who do not speak the language of assessment at home		Low-concentration schools vs. schools without students who do not speak the language of assessment at home		Medium-concentration schools vs. schools without students who do not speak the language of assessment at home		High-concentration schools vs. schools without students who do not speak the language of assessment at home		Students who do not speak the language of assessment at home		Low-concentration schools vs. schools without students who do not speak the language of assessment at home		Medium-concentration schools vs. schools without students who do not speak the language of assessment at home		High-concentration schools vs. schools without students who do not speak the language of assessment at home		Students who do not speak the language of assessment at home		Low-concentration schools vs. schools without students who do not speak the language of assessment at home		Medium-concentration schools vs. schools without students who do not speak the language of assessment at home		High-concentration schools vs. schools without students who do not speak the language of assessment at home	
		Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	11	(3.9)	7	(5.0)	9	(4.8)	31	(10.2)	11	(3.9)	4	(3.8)	33	(8.3)	8	(3.7)	2	(3.4)	3	(3.5)	42	(6.9)		
	Austria	-24	(6.1)	25	(11.2)	18	(13.1)	-11	(12.6)	-24	(5.7)	16	(9.8)	6	(11.8)	-10	(10.7)	-34	(5.2)	5	(8.5)	-4	(10.8)	11	(10.6)
	Belgium	-18	(4.1)	13	(14.8)	42	(12.9)	-3	(13.0)	-18	(3.7)	11	(11.0)	37	(9.7)	6	(9.9)	-19	(3.9)	9	(8.6)	32	(8.3)	30	(9.0)
	Canada	9	(4.0)	3	(5.4)	3	(5.4)	9	(6.8)	9	(3.8)	-4	(4.8)	-5	(4.8)	2	(6.0)	-9	(4.6)	-9	(4.6)	-12	(4.8)	-2	(5.6)
	Chile	-17	(11.6)	15	(9.0)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Czech Republic	-19	(9.7)	25	(10.5)	4	(20.0)	-48	(58.4)	-19	(11.5)	13	(8.9)	-7	(15.0)	-48	(45.2)	-24	(9.2)	-7	(7.9)	-28	(9.4)	-46	(25.0)
	Denmark	-21	(3.7)	7	(4.9)	-12	(5.3)	-40	(7.2)	-21	(4.1)	5	(3.7)	-5	(4.6)	-26	(6.1)	-24	(3.9)	6	(3.4)	5	(4.8)	-6	(6.3)
	Estonia	-18	(5.9)	21	(4.1)	4	(5.7)	0	(7.6)	-18	(5.7)	12	(3.8)	-1	(5.4)	-3	(7.9)	-18	(5.7)	3	(3.8)	-7	(5.5)	-4	(9.0)
	Finland	-43	(2.1)	12	(3.7)	3	(4.2)	7	(13.3)	-43	(3.9)	5	(3.5)	-6	(4.0)	-5	(10.6)	-45	(3.7)	0	(3.4)	-11	(3.7)	-9	(9.0)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	-17	(5.0)	12	(12.5)	-24	(13.2)	-23	(22.0)	-17	(5.2)	8	(9.8)	-14	(11.0)	-12	(17.0)	-29	(4.8)	3	(6.0)	12	(8.1)	25	(11.6)
	Greece	-5	(6.7)	-2	(6.7)	-81	(12.7)	-85	(8.7)	-5	(7.1)	-5	(5.1)	-65	(10.7)	-57	(8.7)	-6	(6.8)	-7	(4.6)	-47	(9.7)	-21	(10.2)
	Hungary	0	(17.0)	18	(14.8)	c	c	c	c	0	(19.8)	9	(10.7)	c	c	c	c	13	(16.9)	-3	(8.2)	c	c	c	c
	Iceland	-30	(9.9)	9	(3.3)	-16	(7.5)	c	c	-30	(8.9)	2	(3.4)	-15	(7.1)	c	c	-31	(9.2)	-5	(3.8)	-11	(7.0)	c	c
	Ireland	4	(6.3)	-4	(5.6)	-24	(9.8)	c	c	4	(5.9)	-2	(4.0)	-16	(7.0)	c	c	6	(5.8)	0	(3.7)	-9	(5.5)	c	c
	Israel	-3	(5.1)	-8	(15.0)	2	(16.3)	26	(17.7)	-3	(4.6)	-5	(11.2)	5	(12.3)	27	(12.7)	-6	(4.9)	-1	(9.2)	11	(9.5)	28	(10.0)
	Italy	-4	(2.1)	2	(8.3)	-31	(8.8)	-76	(7.9)	-4	(2.3)	4	(7.1)	-22	(7.6)	-60	(7.2)	-7	(2.1)	11	(5.5)	4	(6.2)	-12	(7.1)
	Japan	c	c	1	(19.1)	c	c	c	c	c	c	0	(15.1)	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Luxembourg	-8	(4.7)	c	c	c	c	c	c	-8	(4.0)	c	c	c	c	c	c	-1	(3.8)	c	c	c	c	c	c
	Mexico	-10	(4.5)	-5	(3.7)	-21	(6.7)	-53	(8.9)	-10	(4.4)	-5	(3.1)	-12	(5.4)	-32	(8.8)	-11	(4.3)	-4	(3.2)	-4	(5.6)	-11	(9.2)
	Netherlands	-6	(5.9)	-10	(14.3)	-38	(11.4)	-105	(22.5)	-6	(5.5)	-11	(12.5)	-32	(9.8)	-92	(21.5)	-18	(5.8)	-7	(10.1)	-4	(10.0)	-27	(20.3)
	New Zealand	-18	(6.0)	31	(8.4)	27	(10.3)	8	(11.6)	-18	(5.4)	13	(7.3)	12	(8.9)	2	(10.1)	-20	(5.1)	-5	(8.4)	-2	(9.0)	0	(10.3)
	Norway	-25	(6.4)	-3	(6.8)	4	(8.0)	-9	(11.4)	-25	(6.2)	-4	(6.4)	1	(7.6)	-8	(11.2)	-27	(6.0)	-4	(6.3)	0	(7.4)	4	(11.9)
	Poland	-12	(17.4)	21	(18.7)	c	c	c	c	-12	(15.7)	9	(14.8)	c	c	c	c	-13	(15.8)	1	(12.8)	c	c	c	c
	Portugal	-1	(9.9)	-11	(8.0)	-23	(10.3)	c	c	-1	(9.2)	-12	(6.3)	-22	(8.8)	c	c	-2	(9.2)	-12	(6.3)	-22	(8.2)	c	c
	Slovak Republic	-21	(12.5)	-7	(12.6)	-33	(18.6)	-75	(26.5)	-21	(9.2)	-9	(9.4)	-25	(12.8)	-49	(19.1)	-18	(9.4)	-10	(7.2)	-14	(8.9)	-6	(13.1)
	Slovenia	-9	(6.1)	-5	(3.3)	-50	(5.2)	-70	(5.6)	-9	(6.0)	-5	(3.2)	-41	(5.1)	-53	(5.6)	-19	(5.9)	3	(2.5)	-15	(5.1)	3	(8.0)
	Spain	-12	(4.0)	2	(5.9)	-2	(9.1)	7	(6.0)	-12	(3.6)	0	(4.3)	-1	(6.0)	5	(4.9)	-12	(3.6)	-1	(3.7)	0	(4.6)	7	(4.8)
	Sweden	-31	(7.4)	-2	(5.9)	-14	(6.2)	-4	(9.2)	-31	(7.1)	-3	(5.1)	-10	(5.2)	-2	(7.8)	-34	(6.7)	-2	(5.0)	-3	(5.0)	8	(7.7)
	Switzerland	-19	(3.8)	-5	(10.8)	-13	(11.3)	-55	(10.7)	-19	(3.6)	-10	(9.8)	-17	(9.4)	-53	(9.4)	-25	(3.6)	-16	(10.6)	-17	(8.9)	-40	(9.6)
	Turkey	9	(8.5)	-5	(16.3)	-71	(13.4)	-59	(17.2)	9	(7.9)	-4	(13.5)	-57	(11.4)	-44	(15.2)	6	(7.4)	1	(10.0)	-20	(9.9)	6	(13.9)
	United Kingdom	7	(6.3)	6	(7.3)	5	(18.3)	-3	(15.0)	7	(5.9)	5	(5.5)	8	(13.6)	-4	(11.0)	1	(5.4)	5	(4.3)	15	(8.2)	1	(8.2)
	United States	5	(5.1)	20	(9.4)	17	(13.4)	-18	(12.8)	5	(4.6)	16	(7.4)	17	(12.1)	-6	(10.1)	2	(4.4)	13	(6.4)	21	(11.9)	18	(9.2)
OECD average	-11	(1.4)	6	(1.8)	-13	(2.2)	-30	(3.6)	-11	(1.3)	2	(1.4)	-11	(1.7)	-23	(2.9)	-13	(1.3)	-1	(1.2)	-5	(1.5)	-1	(2.3)	
Partners	Albania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Argentina	-10	(11.3)	-21	(7.9)	-64	(14.5)	c	c	-10	(12.7)	-16	(5.9)	-44	(13.6)	c	c	-13	(11.8)	-9	(4.7)	-21	(13.6)	c	c
	Brazil	-13	(9.1)	11	(7.6)	-15	(23.8)	40	(32.9)	-13	(8.4)	7	(5.5)	-32	(14.4)	60	(27.6)	-8	(8.6)	2	(4.0)	-50	(17.2)	77	(24.4)
	Bulgaria	0	(6.3)	-25	(11.3)	-67	(14.6)	-91	(10.7)	0	(5.6)	-21	(8.3)	-49	(12.3)	-57	(9.9)	2	(5.9)	-14	(5.0)	-20	(10.9)	4	(11.6)
	Colombia	-40	(14.4)	-11	(12.9)	c	c	c	c	-40	(14.4)	-14	(8.6)	c	c	c	c	-33	(14.0)	-17	(6.2)	c	c	c	c
	Costa Rica	7	(11.9)	14	(8.6)	38	(15.2)	c	c	7	(11.7)	8	(6.5)	10	(13.2)	c	c	11	(11.1)	2	(5.7)	-15	(12.1)	c	c
	Croatia	-9	(9.3)	-6	(9.8)	c	c	c	c	-9	(9.5)	-3	(8.2)	c	c	c	c	-11	(9.3)	3	(7.8)	c	c	c	c
	Cyprus*	1	(6.0)	4	(4.2)	-1	(5.3)	52	(6.5)	1	(5.4)	4	(4.0)	-3	(5.2)	34	(6.2)	-11	(4.9)	6	(4.0)	-6	(5.0)	6	(5.7)
	Hong Kong-China	-23	(6.3)	-34	(11.9)	-54	(16.4)	-84	(30.2)	-23	(6.0)	-30	(10.0)	-45	(14.5)	-91	(18.1)	-31	(5.7)	-22	(9.1)	-28	(12.8)	-93	(12.7)
	Indonesia	25	(4.5)	-2	(27.2)	2	(28.0)	-47	(18.9)	25	(4.2)	-5	(19.4)	-1	(22.6)	-40	(13.5)	26	(4.0)	-7	(14.2)	-3	(11.4)	-24	(11.7)
	Jordan	-9	(5.4)	1	(10.4)	5	(15.2)	c	c	-9	(5.3)	-2	(9.2)	-3	(12.9)	c	c	-9	(5.4)	-5	(8.1)	-18	(11.2)	c	c
	Kazakhstan	-1	(5.7)	15	(8.1)	34	(8.8)	21	(13.3)	-1	(5.6)	10	(7.4)	26	(8.1)	16	(12.5)	0	(5.7)	5	(7.1)	16	(8.1)	9	(12.1)
	Latvia	-6	(5.9)	34	(6.6)	13	(9.3)	4	(8.9)	-6	(5.8)	18	(5.6)	6	(8.1)	1	(7.5)	-7	(5.9)	5	(5.9)	0	(7.6)	2	(7.3)
	Liechtenstein	-4	(13.8)	c	c	c	c	c	c	-4	(15.2)	c	c	c	c	c	c	-6	(14.2)	c	c	c	c	c	c
	Lithuania	-26	(9.0)	23	(7.0)	1	(9.9)	-40	(13.2)	-26	(9.5)	13	(5.9)	-4	(8.6)	-33	(12.9)	-27	(8.6)	1	(5.3)	-7	(8.5)	-17	(13.0)
	Macao-China	-11	(5.5)	-19	(2.5)	c	c	6	(5.5)	-11	(5.6)	-15	(2.5)	c	c	0	(5.5)	-12	(5.6)	-8	(2.6)	c	c	-17	(5.5)
	Malaysia	12	(4.9)	10	(13.7)	-3	(9.0)	31	(9.8)	12	(4.2)	4	(10.5)	-6	(6.8)	17	(7.5)	9	(3.9)	-3	(9.1)	-10	(6.8)	3	(7.0)
	Montenegro	-19	(14.4)	-14	(2.2)	c	c	c	c	-19	(13.2)	-11	(2.2)	c	c	c	c	-16	(12.9)	-2	(2.1)	c	c	c	c
	Peru	-15	(5.9)	3	(10.9)	-72	(16.4)	-69	(9.3)	-15	(5.5)	-1	(6.8)	-54	(15.7)	-43	(6.9)	-17	(4.9)	-4	(4.6)	-36	(16.6)	-15	(6.8)
	Qatar	-48	(3.8)	-5	(4.1)	-15	(5.5)	131	(5.1)	-48	(3.7)	-6	(3.9)	-17	(5.4)	121	(4.9)	-46	(3.6)	-9	(4.0)	-19	(5.4)	106	(5.0)
	Romania	-7	(11.0)	19	(11.4)	c	c	c	c	-7	(10.0)	6	(8.6)	c	c	c	c								


[Part 1/2]

Host country/economy, country of origin and mathematics performanceTable II.3.11 *Results based on students' self-reports*

Host country/economy	Country of origin	Percentage of students out of all students in the sample		Performance in mathematics		Performance in mathematics after accounting for socio-economic status within each immigrant group		Performance in mathematics after accounting for socio-economic status of the host country/economy	
		%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OFCD Australia	China	2.3	(0.2)	596	(13.5)	585	(11.6)	584	(11.5)
	India	1.1	(0.1)	563	(8.9)	522	(11.0)	532	(8.0)
	New Zealand	2.3	(0.2)	485	(5.7)	484	(5.3)	486	(4.1)
	Philippines	1.0	(0.1)	517	(9.1)	507	(7.6)	507	(6.5)
	United Kingdom	3.5	(0.2)	525	(4.6)	508	(5.5)	499	(3.0)
	Viet Nam	1.9	(0.2)	548	(6.9)	553	(8.1)	566	(7.0)
Austria	Bosnia and Herzegovina	3.5	(0.4)	462	(8.9)	463	(10.9)	478	(8.6)
	Former Yugoslavia	2.8	(0.3)	435	(8.3)	454	(10.2)	458	(8.2)
	Germany	0.8	(0.2)	554	(16.3)	526	(17.8)	515	(8.9)
	Romania	0.7	(0.2)	510	(23.1)	508	(20.8)	517	(14.2)
	Turkey	3.6	(0.4)	422	(8.6)	464	(11.6)	467	(8.0)
Belgium	African country	5.1	(0.5)	445	(6.6)	453	(6.2)	470	(4.7)
	East European country	1.7	(0.2)	457	(10.0)	461	(9.3)	473	(6.9)
	France	1.7	(0.5)	462	(22.1)	464	(15.0)	480	(9.9)
	Germany	0.3	(0.1)	525	(13.2)	510	(9.1)	508	(9.5)
	Netherlands Antilles	0.7	(0.2)	506	(14.5)	503	(12.3)	515	(9.3)
	Turkey	1.7	(0.3)	432	(13.8)	454	(12.7)	473	(8.9)
	Western European country	1.4	(0.2)	454	(10.6)	459	(10.3)	480	(6.3)
Czech Republic	Slovak Republic	0.8	(0.2)	458	(23.3)	488	(19.1)	489	(8.7)
	Ukraine	0.7	(0.1)	492	(16.1)	488	(18.5)	502	(12.6)
	Viet Nam	0.5	(0.1)	524	(14.9)	521	(17.0)	532	(24.7)
Denmark	Afghanistan	0.4	(0.1)	444	(11.0)	445	(10.9)	453	(12.3)
	Former Yugoslavia	0.8	(0.1)	459	(8.0)	460	(7.5)	462	(7.3)
	Iraq	1.0	(0.1)	429	(8.5)	433	(8.5)	436	(7.7)
	Lebanon	0.6	(0.1)	423	(7.5)	429	(8.7)	438	(6.5)
	Pakistan	0.7	(0.3)	433	(14.6)	444	(14.4)	446	(12.4)
	Somalia	0.5	(0.1)	406	(9.2)	404	(10.1)	424	(11.8)
	Turkey	1.1	(0.1)	423	(5.7)	428	(7.2)	446	(5.7)
Estonia	Russian Federation	6.2	(0.5)	500	(5.5)	497	(5.6)	507	(4.4)
Finland	Estonia	0.4	(0.0)	467	(8.9)	469	(7.8)	488	(6.5)
	Former Yugoslavia	0.2	(0.0)	445	(10.7)	451	(11.4)	471	(17.3)
	Iraq	0.2	(0.0)	445	(12.8)	455	(13.1)	460	(11.9)
	Russian Federation	0.6	(0.1)	471	(9.1)	469	(9.9)	477	(8.7)
	Somalia	0.4	(0.1)	385	(6.5)	394	(6.7)	402	(6.7)
	Turkey	0.1	(0.0)	428	(21.5)	427	(21.9)	473	(11.6)
Germany	Poland	1.5	(0.2)	505	(13.8)	505	(13.7)	504	(9.5)
	Russian Federation	3.9	(0.4)	489	(8.7)	497	(7.7)	501	(7.5)
	Turkey	3.6	(0.4)	453	(9.4)	472	(11.6)	480	(7.1)
Greece	Albania	5.7	(0.5)	407	(7.1)	420	(8.0)	439	(7.0)
	Russian Federation	2.3	(0.4)	405	(12.3)	421	(10.9)	436	(9.0)
Ireland	United Kingdom	2.8	(0.3)	517	(9.3)	505	(9.6)	503	(3.5)
Israel	Ethiopia	1.5	(0.3)	387	(12.8)	386	(24.0)	463	(15.6)
	France	1.2	(0.2)	471	(18.1)	447	(19.0)	463	(14.0)
	Russian Federation	8.0	(0.9)	492	(7.9)	487	(7.3)	484	(6.3)
	South and Central America	0.8	(0.1)	486	(16.7)	465	(14.7)	483	(10.7)
	United States	1.7	(0.4)	521	(9.2)	501	(10.9)	504	(9.1)
Italy	European Union	2.3	(0.2)	440	(6.1)	457	(6.2)	475	(3.7)
Luxembourg	Belgium	2.0	(0.2)	533	(8.3)	524	(10.2)	506	(6.0)
	Cape Verde	2.7	(0.2)	413	(7.6)	426	(12.7)	450	(7.4)
	European Union	3.1	(0.2)	537	(8.6)	491	(11.3)	506	(6.4)
	Former Yugoslavia	4.9	(0.3)	447	(6.8)	453	(7.6)	463	(6.6)
	France	4.0	(0.3)	521	(6.3)	503	(6.3)	501	(4.4)
	Germany	1.7	(0.2)	551	(10.2)	515	(14.3)	510	(5.4)
	Italy	2.0	(0.2)	476	(9.6)	470	(9.0)	466	(6.9)
	Portugal	19.7	(0.5)	442	(2.9)	448	(3.7)	473	(2.7)
Netherlands	Morocco	1.8	(0.3)	456	(14.2)	455	(17.4)	474	(13.4)
	Suriname	0.9	(0.2)	479	(12.0)	478	(11.8)	476	(9.5)
	Turkey	2.8	(0.4)	460	(14.1)	467	(16.5)	482	(12.5)

Note: A student's country of origin is determined using both the country of birth the student reported for both their father and mother (only students with valid answers for both these variables are included in this analysis). Only students with an immigrant background (first- and second-generation students) are considered for this analysis. Only those students who reported a specific country of origin (that is, a country "other than the test country") were included in this analysis. If both parents share the same country of birth (different from the test country), then the student's country of origin is the same as his/her parents' country of birth. If they are different, then the father's country of birth is used.

* See notes at the beginning of this Annex.

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[Part 2/2]

Host country/economy, country of origin and mathematics performanceTable II.3.11 *Results based on students' self-reports*

	Host country/economy	Country of origin	Percentage of students out of all students in the sample		Performance in mathematics		Performance in mathematics after accounting for socio-economic status within each immigrant group		Performance in mathematics after accounting for socio-economic status of the host country/economy	
			%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	New Zealand	China	2.3	(0.4)	588	(12.2)	582	(11.7)	581	(10.2)
		Fiji	1.7	(0.2)	465	(13.8)	472	(13.1)	480	(11.7)
		Korea	1.2	(0.2)	586	(14.6)	569	(18.2)	566	(13.8)
		Samoa	2.8	(0.4)	416	(7.6)	433	(12.5)	451	(7.0)
		South Africa	1.7	(0.2)	507	(9.2)	487	(11.4)	494	(9.0)
		United Kingdom	3.5	(0.3)	528	(7.8)	505	(7.8)	515	(4.4)
	Portugal	African country (Portuguese speaking)	3.4	(0.5)	440	(7.7)	469	(8.3)	493	(4.7)
		Brazil	1.0	(0.2)	443	(11.4)	444	(13.3)	471	(9.8)
		East European country (not EU)	0.5	(0.1)	504	(16.1)	507	(14.7)	515	(15.3)
		European Union	0.7	(0.1)	485	(16.3)	488	(16.9)	511	(5.9)
	Switzerland	Albania	0.5	(0.1)	417	(17.7)	435	(32.8)	448	(17.3)
		Former Yugoslavia	7.9	(0.5)	472	(5.5)	481	(6.2)	492	(5.0)
		France	0.7	(0.1)	524	(11.3)	508	(12.5)	526	(6.1)
		Germany	1.6	(0.2)	524	(10.3)	489	(19.3)	513	(6.6)
		Italy	1.9	(0.2)	476	(10.0)	483	(8.0)	498	(6.8)
		Portugal	3.1	(0.2)	487	(6.9)	506	(14.8)	521	(6.2)
		Spain	0.6	(0.1)	494	(14.2)	500	(16.5)	515	(10.4)
		Turkey	1.5	(0.2)	462	(12.0)	475	(10.1)	490	(10.5)
	Partners	Argentina	Bolivia (Plurinational State of)	1.4	(0.2)	353	(12.3)	368	(33.4)	396
Paraguay			1.1	(0.3)	360	(13.1)	388	(18.4)	398	(10.9)
Costa Rica		Nicaragua	4.2	(0.7)	365	(10.2)	393	(12.9)	417	(6.2)
Croatia		Bosnia and Herzegovina	9.6	(0.6)	457	(5.8)	471	(6.6)	481	(5.1)
		Other former Yugoslavia	1.1	(0.2)	459	(11.8)	475	(14.8)	498	(8.6)
Cyprus*		East European country	0.8	(0.1)	432	(15.0)	439	(15.9)	445	(8.9)
		Greece	1.4	(0.2)	427	(11.4)	429	(11.0)	431	(7.1)
		Russian Federation	1.6	(0.2)	461	(11.1)	457	(9.7)	460	(8.2)
		United Kingdom	1.0	(0.1)	447	(14.3)	419	(15.6)	438	(6.1)
Hong Kong-China		China	31.7	(1.4)	562	(3.4)	594	(5.2)	596	(3.7)
		Macao-China	0.8	(0.1)	554	(14.5)	572	(23.4)	578	(12.9)
Kazakhstan		Russian Federation	12.1	(1.5)	432	(7.0)	442	(6.3)	448	(5.4)
Latvia		Belarus	0.7	(0.1)	507	(13.7)	508	(11.8)	502	(8.7)
		Russian Federation	1.8	(0.3)	486	(11.4)	485	(10.9)	494	(5.0)
		Ukraine	1.0	(0.3)	496	(20.1)	508	(16.7)	502	(8.5)
Macao-China		China	57.4	(0.7)	548	(1.4)	570	(2.7)	568	(1.8)
		Hong Kong-China	2.5	(0.3)	526	(8.1)	540	(11.0)	543	(5.8)
		Philippines	1.0	(0.1)	467	(13.1)	478	(12.4)	467	(11.6)
Montenegro		Bosnia and Herzegovina	1.3	(0.2)	455	(9.7)	453	(9.7)	442	(5.2)
		Serbia	2.9	(0.3)	424	(8.2)	427	(7.5)	426	(3.7)
Qatar	Egypt	7.0	(0.2)	416	(3.7)	393	(4.8)	397	(3.6)	
	Jordan	1.6	(0.1)	411	(9.0)	371	(13.2)	388	(8.0)	
	Palestinian Authority	2.3	(0.1)	396	(6.2)	377	(8.1)	375	(5.4)	
	Yemen	2.8	(0.2)	349	(4.9)	351	(4.8)	350	(4.4)	
Russian Federation	Other former USSR	8.3	(0.7)	473	(4.6)	477	(4.1)	491	(3.2)	
Serbia	Other former Yugoslavia	7.4	(0.7)	468	(7.2)	481	(6.1)	479	(4.8)	

Note: A student's country of origin is determined using both the country of birth the student reported for both their father and mother (only students with valid answers for both these variables are included in this analysis). Only students with an immigrant background (first- and second-generation students) are considered for this analysis. Only those students who reported a specific country of origin (that is, a country "other than the test country") were included in this analysis. If both parents share the same country of birth (different from the test country), then the student's country of origin is the same as his/her parents' country of birth. If they are different, then the father's country of birth is used.

* See notes at the beginning of this Annex.

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[Part 1/3]
Equity in opportunity to learn: Formal mathematics
Results based on students' self-reports


Table II.4.1

	Descriptive statistics											Average index of opportunity to learn, by national quarter of the ESCS ¹								
	Mean index		First quartile: 25% of students are below this value		Third quartile: 25% of students are above this value		Interquartile range: difference between top and bottom quartiles		Standard deviation across all students		Skewness		Bottom quarter		Second quarter		Third quarter		Top quarter	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	S.D.	S.E.	Coef.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	1.69 (0.01)	1.17 (0.03)	2.25 (0.02)	1.08 (0.03)	0.70 (0.01)	-0.01 (1.62)	0.78 (0.01)	1.44 (0.02)	1.97 (0.02)	2.59 (0.01)									
	Austria	1.54 (0.02)	1.00 (0.03)	2.08 (0.04)	1.08 (0.05)	0.69 (0.01)	0.01 (1.56)	0.66 (0.02)	1.28 (0.02)	1.80 (0.03)	2.43 (0.02)									
	Belgium	1.83 (0.01)	1.39 (0.04)	2.36 (0.04)	0.97 (0.05)	0.72 (0.01)	-0.55 (1.81)	0.81 (0.02)	1.70 (0.02)	2.17 (0.01)	2.64 (0.01)									
	Canada	1.98 (0.01)	1.58 (0.02)	2.44 (0.01)	0.86 (0.02)	0.61 (0.01)	-0.36 (1.92)	1.16 (0.02)	1.83 (0.01)	2.25 (0.01)	2.70 (0.01)									
	Chile	1.70 (0.02)	1.28 (0.04)	2.11 (0.03)	0.83 (0.03)	0.58 (0.01)	-0.18 (1.82)	0.95 (0.02)	1.50 (0.02)	1.91 (0.02)	2.44 (0.02)									
	Czech Republic	1.80 (0.02)	1.44 (0.02)	2.19 (0.04)	0.75 (0.04)	0.53 (0.01)	-0.33 (1.87)	1.10 (0.03)	1.65 (0.02)	2.00 (0.02)	2.46 (0.02)									
	Denmark	1.62 (0.02)	1.19 (0.03)	2.06 (0.03)	0.86 (0.03)	0.60 (0.01)	0.01 (1.60)	0.85 (0.02)	1.42 (0.02)	1.83 (0.02)	2.39 (0.02)									
	Estonia	2.00 (0.01)	1.75 (0.02)	2.31 (0.00)	0.56 (0.02)	0.45 (0.01)	-0.58 (2.01)	1.39 (0.02)	1.91 (0.01)	2.19 (0.01)	2.52 (0.01)									
	Finland	1.72 (0.01)	1.31 (0.03)	2.14 (0.03)	0.83 (0.05)	0.59 (0.01)	-0.07 (1.62)	0.93 (0.02)	1.54 (0.02)	1.94 (0.02)	2.45 (0.01)									
	France	1.87 (0.01)	1.53 (0.04)	2.28 (0.02)	0.75 (0.04)	0.56 (0.01)	-0.64 (1.88)	1.10 (0.03)	1.76 (0.02)	2.12 (0.01)	2.51 (0.01)									
	Germany	1.66 (0.02)	1.19 (0.04)	2.17 (0.02)	0.97 (0.03)	0.66 (0.01)	-0.21 (1.67)	0.78 (0.02)	1.46 (0.02)	1.93 (0.02)	2.47 (0.02)									
	Greece	1.91 (0.01)	1.58 (0.01)	2.33 (0.01)	0.75 (0.02)	0.58 (0.01)	-0.46 (1.91)	1.15 (0.03)	1.77 (0.02)	2.11 (0.01)	2.61 (0.01)									
	Hungary	1.96 (0.02)	1.64 (0.04)	2.33 (0.03)	0.69 (0.04)	0.54 (0.01)	-0.73 (2.00)	1.22 (0.03)	1.85 (0.02)	2.19 (0.02)	2.57 (0.01)									
	Iceland	1.14 (0.01)	0.67 (0.00)	1.50 (0.03)	0.83 (0.03)	0.62 (0.01)	0.80 (1.14)	0.45 (0.01)	0.86 (0.01)	1.25 (0.02)	2.01 (0.03)									
	Ireland	1.47 (0.01)	1.00 (0.04)	1.92 (0.02)	0.92 (0.05)	0.60 (0.01)	0.00 (1.46)	0.69 (0.02)	1.26 (0.02)	1.69 (0.02)	2.24 (0.02)									
	Israel	1.81 (0.02)	1.42 (0.05)	2.25 (0.04)	0.83 (0.04)	0.64 (0.01)	-0.42 (1.82)	0.94 (0.04)	1.67 (0.03)	2.08 (0.02)	2.56 (0.02)									
	Italy	1.83 (0.01)	1.39 (0.02)	2.31 (0.04)	0.92 (0.04)	0.63 (0.01)	-0.29 (1.84)	0.99 (0.01)	1.64 (0.02)	2.08 (0.02)	2.61 (0.01)									
	Japan	2.05 (0.02)	1.81 (0.03)	2.36 (0.03)	0.56 (0.04)	0.47 (0.01)	-0.83 (2.05)	1.43 (0.03)	1.96 (0.01)	2.22 (0.02)	2.60 (0.02)									
	Korea	2.07 (0.02)	1.78 (0.03)	2.42 (0.03)	0.64 (0.04)	0.52 (0.01)	-0.83 (2.07)	1.34 (0.03)	1.99 (0.02)	2.31 (0.02)	2.64 (0.02)									
	Luxembourg	1.45 (0.01)	0.92 (0.03)	2.00 (0.02)	1.08 (0.03)	0.71 (0.01)	0.23 (1.45)	0.57 (0.01)	1.14 (0.02)	1.68 (0.02)	2.40 (0.01)									
	Mexico	1.78 (0.01)	1.31 (0.02)	2.28 (0.02)	0.97 (0.03)	0.65 (0.00)	-0.20 (1.80)	0.90 (0.01)	1.58 (0.01)	2.04 (0.01)	2.59 (0.01)									
	Netherlands	1.50 (0.02)	1.00 (0.04)	1.97 (0.03)	0.97 (0.03)	0.67 (0.01)	-0.10 (1.48)	0.61 (0.03)	1.31 (0.03)	1.76 (0.02)	2.33 (0.02)									
	New Zealand	1.51 (0.02)	0.97 (0.04)	2.06 (0.04)	1.08 (0.05)	0.71 (0.01)	0.01 (1.51)	0.59 (0.02)	1.25 (0.02)	1.78 (0.02)	2.44 (0.02)									
	Norway	m	m	m	m	m	m	m	m	m	m									
	Poland	1.83 (0.02)	1.44 (0.02)	2.25 (0.03)	0.81 (0.04)	0.55 (0.01)	-0.15 (1.85)	1.12 (0.02)	1.66 (0.02)	2.03 (0.02)	2.52 (0.02)									
	Portugal	1.73 (0.02)	1.33 (0.04)	2.19 (0.04)	0.86 (0.04)	0.60 (0.01)	-0.27 (1.71)	0.91 (0.02)	1.56 (0.02)	1.96 (0.02)	2.47 (0.02)									
	Slovak Republic	1.70 (0.01)	1.33 (0.01)	2.06 (0.03)	0.72 (0.03)	0.56 (0.01)	-0.14 (1.72)	0.98 (0.02)	1.53 (0.02)	1.88 (0.02)	2.41 (0.03)									
	Slovenia	1.93 (0.01)	1.56 (0.01)	2.33 (0.00)	0.78 (0.01)	0.56 (0.01)	-0.28 (1.88)	1.19 (0.02)	1.77 (0.01)	2.14 (0.01)	2.61 (0.01)									
	Spain	1.87 (0.01)	1.39 (0.02)	2.39 (0.02)	1.00 (0.03)	0.66 (0.01)	-0.35 (1.91)	0.98 (0.01)	1.67 (0.02)	2.16 (0.01)	2.68 (0.01)									
	Sweden	0.77 (0.01)	0.33 (0.09)	1.00 (0.00)	0.67 (0.09)	0.56 (0.02)	1.74 (0.77)	0.29 (0.01)	0.48 (0.01)	0.76 (0.02)	1.56 (0.04)									
	Switzerland	1.41 (0.02)	0.86 (0.04)	1.94 (0.04)	1.08 (0.05)	0.71 (0.01)	0.14 (1.48)	0.53 (0.02)	1.11 (0.03)	1.64 (0.03)	2.37 (0.02)									
	Turkey	1.92 (0.01)	1.61 (0.02)	2.33 (0.03)	0.72 (0.03)	0.55 (0.01)	-0.61 (1.92)	1.16 (0.02)	1.82 (0.02)	2.15 (0.02)	2.55 (0.01)									
	United Kingdom	1.63 (0.02)	1.11 (0.03)	2.14 (0.03)	1.03 (0.04)	0.66 (0.01)	0.02 (1.49)	0.76 (0.02)	1.41 (0.03)	1.90 (0.02)	2.45 (0.02)									
United States	2.00 (0.02)	1.56 (0.05)	2.50 (0.03)	0.94 (0.06)	0.64 (0.01)	-0.47 (2.01)	1.12 (0.03)	1.83 (0.02)	2.28 (0.02)	2.76 (0.02)										
OECD average	1.70 (0.00)	1.29 (0.01)	2.13 (0.00)	0.84 (0.01)	0.60 (0.00)	-0.29 (0.29)	0.92 (0.00)	1.52 (0.00)	1.92 (0.00)	2.43 (0.00)										
Partners	Albania	2.09 (0.01)	1.71 (0.03)	2.56 (0.00)	0.85 (0.03)	0.65 (0.01)	-0.67 (2.08)	1.19 (0.03)	1.97 (0.02)	2.40 (0.01)	2.80 (0.01)									
	Argentina	1.35 (0.03)	0.83 (0.04)	1.83 (0.05)	1.00 (0.06)	0.69 (0.01)	0.22 (1.40)	0.49 (0.02)	1.06 (0.03)	1.56 (0.03)	2.28 (0.04)									
	Brazil	1.43 (0.03)	0.89 (0.02)	1.94 (0.03)	1.06 (0.03)	0.71 (0.01)	0.25 (1.42)	0.54 (0.02)	1.14 (0.02)	1.67 (0.02)	2.38 (0.02)									
	Bulgaria	1.96 (0.02)	1.56 (0.03)	2.47 (0.03)	0.92 (0.04)	0.67 (0.01)	-0.66 (1.98)	1.03 (0.04)	1.83 (0.03)	2.27 (0.02)	2.71 (0.01)									
	Colombia	1.76 (0.02)	1.22 (0.03)	2.31 (0.04)	1.08 (0.04)	0.71 (0.01)	-0.20 (1.78)	0.80 (0.02)	1.53 (0.03)	2.06 (0.02)	2.64 (0.02)									
	Costa Rica	1.53 (0.03)	0.97 (0.04)	2.08 (0.05)	1.11 (0.05)	0.72 (0.01)	0.14 (1.53)	0.63 (0.02)	1.23 (0.03)	1.78 (0.03)	2.49 (0.04)									
	Croatia	2.07 (0.01)	1.72 (0.03)	2.44 (0.03)	0.72 (0.04)	0.57 (0.01)	-0.49 (2.06)	1.32 (0.02)	1.93 (0.02)	2.29 (0.01)	2.74 (0.01)									
	Cyprus*	1.87 (0.01)	1.47 (0.03)	2.33 (0.00)	0.86 (0.03)	0.64 (0.01)	-0.40 (1.84)	1.02 (0.02)	1.71 (0.01)	2.12 (0.01)	2.64 (0.01)									
	Hong Kong-China	1.83 (0.02)	1.33 (0.04)	2.33 (0.01)	1.00 (0.04)	0.64 (0.01)	-0.07 (1.83)	1.01 (0.02)	1.60 (0.02)	2.06 (0.02)	2.65 (0.02)									
	Indonesia	1.60 (0.02)	1.19 (0.03)	2.00 (0.02)	0.81 (0.03)	0.58 (0.01)	0.02 (1.61)	0.86 (0.02)	1.40 (0.02)	1.80 (0.02)	2.33 (0.03)									
	Jordan	2.15 (0.02)	1.75 (0.07)	2.67 (0.04)	0.92 (0.06)	0.76 (0.01)	-0.93 (2.13)	1.02 (0.04)	2.11 (0.02)	2.56 (0.01)	2.90 (0.01)									
	Kazakhstan	1.97 (0.02)	1.64 (0.04)	2.33 (0.02)	0.69 (0.03)	0.56 (0.01)	-0.64 (1.98)	1.20 (0.03)	1.86 (0.02)	2.21 (0.02)	2.61 (0.02)									
	Latvia	2.03 (0.01)	1.75 (0.04)	2.33 (0.02)	0.58 (0.03)	0.47 (0.01)	-0.67 (2.06)	1.39 (0.02)	1.94 (0.01)	2.21 (0.01)	2.57 (0.02)									
	Liechtenstein	1.55 (0.05)	0.94 (0.05)	2.19 (0.07)	1.25 (0.08)	0.75 (0.02)	0.15 (1.57)	0.63 (0.05)	1.20 (0.05)	1.82 (0.08)	2.57 (0.05)									
	Lithuania	1.65 (0.01)	1.31 (0.03)	2.00 (0.02)	0.69 (0.04)	0.52 (0.01)	-0.23 (1.65)	0.96 (0.02)	1.50 (0.02)	1.84 (0.01)	2.28 (0.01)									
	Macao-China	2.20 (0.01)	1.83 (0.01)	2.67 (0.00)	0.83 (0.01)	0.57 (0.01)	-0.70 (2.20)	1.41 (0.02)	2.07 (0.01)	2.47 (0.01)	2.84 (0.01)									
	Malaysia	1.59 (0.02)	1.19 (0.03)	2.00 (0.04)	0.81 (0.04)	0.60 (0.01)	-0.20 (1.60)	0.79 (0.02)	1.42 (0.02)	1.81 (0.02)	2.33 (0.02)									
	Montenegro	1.90 (0.01)	1.50 (0.03)	2.33 (0.01)	0.83 (0.04)	0.63 (0.01)	-0.42 (1.91)	1.04 (0.02)	1.75 (0.02)	2.15 (0.01)	2.65 (0.01)									
	Peru	1.79 (0.02)	1.25 (0.04)	2.33 (0.01)	1.08 (0.03)	0.72 (0.01)	-0.14 (1.79)	0.84 (0.02)	1.56 (0.03)	2.09 (0.03)	2.68 (0.02)									
	Qatar	1.72 (0.01)	1.03 (0.03)	2.39 (0.02)	1.36 (0.04)	0.82 (0.01)	-0.07 (1.71)	0.65 (0.01)	1.39 (0.02)	2.07 (0.02)	2.75 (0.01)									
	Romania	2.02 (0.02)	1.67 (0.05)	2.50 (0.02)	0.83 (0.05)	0.63 (0.01)	-0.68 (2.03)	1.13 (0.04)	1.91 (0.03)	2.32 (0.02)	2.72 (0.01)									
	Russian Federation	2.10 (0.01)	1.92 (0.04)	2.33 (0.02)	0.42 (0.04)	0.41 (0.01)	-1.25 (2.10)	1.56 (0.02)	2.10 (0.01)	2.24 (0.00)	2.52 (0.01)									
	Serbia	2.04 (0.01)	1.75 (0.02)	2.42 (0.02)	0.67 (0.03)	0.54 (0.01)	-0.75 (2.04)	1.31 (0.03)	1.94 (0.01)	2.26 (0.01)	2.65 (0.01)									
	Shanghai-China	2.30 (0.01)	2.11 (0.00)	2.56 (0.01)	0.44 (0.01)	0.46 (0.02)	-1.32 (2.29)	1.70 (0.04)	2.24 (0.01)	2.49 (0.01)	2.76 (0.01)									
	Singapore	2.23 (0.01)	1.81 (0.04)	2.75 (0.03)	0.94 (0.05)	0.64 (0.01)	-0.73 (2.21)	1.31 (0.02)	2.10 (0.02)	2.57 (0.01)	2.92 (0.01)									
	Chinese Taipei	1.98 (0.01)	1.64 (0.03)	2.39 (0.03)	0.75 (0.03)	0.57 (0.01)	-0.54 (1.97)	1.22 (0.02)	1.84 (0.02)	2.21 (0.01)	2.66 (0.01)									
	Thailand	1.70 (0.01)	1.33 (0.01)	2.08 (0.03)	0.75 (0.03)	0.54 (0.01)	-0.18 (1.77)	1.00 (0.02)	1.54 (0.02)	1.90 (0.01)	2.37 (0.01)									
	Tunisia	1.23 (0.01)	0.81 (0.04)	1.58 (0.03)	0.78 (0.04)	0.60 (0.01)	0.63 (1.23)	0.54 (0.01)	0.98 (0.01)	1.36 (0.02)	2.04 (0.03)									
	United Arab Emirates	2.13 (0.02)	1.69 (0.04)	2.67 (0.00)	0.97 (0.04)	0.71 (0.01)	-0.64 (2.09)	1.12 (0.03)	2.01 (0.02)	2.48 (0.01)	2.90 (0.01)									
	Uruguay	1.64 (0.02)	1.14 (0.04)	2.14 (0.03)	1.00 (0.04)	0.68 (0.01)	-0.18 (1.64)	0.73 (0.02)	1.43 (0.02)	1.91 (0.02)	2.48 (0.02)									
	Viet Nam	1.96 (0.02)	1.67 (0.01)	2.31 (0.04)	0.64 (0.03)	0.47 (0.01)	-0.41 (1.95)	1.34 (0.03)	1.83 (0.02)	2.13 (0.02)	2.52 (0.02)									

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. ESCS refers to the PISA index of economic, social and cultural status.

* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932964946>



[Part 2/3]
Equity in opportunity to learn: Formal mathematics
Results based on students' self-reports

Table II.4.1

	Mathematics score, by national quarters of this index								Strength of the opportunity gradient: explained variation in student performance (r-squared x 100)		Slope of the opportunity gradient: change in mathematics score per unit of this index		Index of curvilinearity: change in mathematics score per unit of this index squared	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	%	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD														
Australia	431	(1.9)	485	(2.6)	528	(2.8)	587	(3.2)	39	(1.0)	85	(1.6)	3	(1.9)
Austria	445	(4.0)	489	(4.5)	525	(4.8)	574	(5.2)	28	(2.2)	71	(3.0)	-5	(3.4)
Belgium	437	(3.5)	512	(3.3)	552	(3.1)	584	(3.5)	33	(1.4)	80	(1.9)	-1	(2.7)
Canada	464	(2.6)	507	(2.5)	540	(2.9)	569	(2.8)	22	(1.0)	68	(1.7)	-2	(2.4)
Chile	373	(3.9)	402	(4.5)	437	(4.1)	478	(4.4)	25	(1.6)	71	(2.8)	7	(3.4)
Czech Republic	448	(4.5)	490	(5.7)	521	(4.6)	562	(4.6)	24	(1.9)	83	(3.5)	2	(5.4)
Denmark	456	(3.8)	494	(2.8)	518	(3.4)	544	(3.6)	19	(1.7)	57	(3.0)	-11	(3.0)
Estonia	488	(3.4)	514	(3.9)	535	(3.8)	549	(4.1)	9	(1.1)	55	(3.3)	-11	(5.7)
Finland	472	(2.8)	503	(2.9)	538	(2.5)	571	(3.3)	23	(1.6)	67	(2.5)	4	(3.4)
France	417	(4.7)	488	(4.7)	526	(4.3)	557	(4.4)	31	(2.2)	95	(3.9)	-8	(5.3)
Germany	450	(3.5)	503	(5.4)	549	(4.5)	591	(4.1)	33	(1.7)	82	(2.8)	-4	(3.5)
Greece	409	(6.0)	458	(4.0)	467	(3.9)	474	(3.8)	9	(1.3)	46	(3.5)	-18	(3.0)
Hungary	414	(4.2)	459	(5.1)	500	(4.7)	539	(6.9)	27	(2.2)	91	(5.5)	12	(6.0)
Iceland	466	(4.6)	494	(4.1)	512	(3.7)	515	(4.2)	3	(0.9)	26	(3.8)	-31	(4.0)
Ireland	440	(4.2)	496	(3.9)	523	(3.3)	552	(3.3)	26	(1.5)	71	(2.5)	-22	(3.4)
Israel	404	(6.3)	454	(6.5)	498	(5.6)	522	(6.5)	20	(1.7)	73	(3.6)	-7	(4.3)
Italy	427	(2.8)	469	(2.4)	503	(3.0)	545	(3.5)	23	(1.2)	71	(2.3)	4	(2.1)
Japan	472	(5.4)	529	(4.4)	557	(4.5)	598	(5.5)	30	(1.8)	106	(4.0)	2	(4.6)
Korea	471	(5.5)	537	(5.4)	583	(5.9)	622	(7.5)	36	(1.9)	115	(4.6)	13	(6.3)
Luxembourg	442	(3.2)	475	(3.4)	509	(3.0)	542	(3.1)	16	(1.3)	53	(2.3)	-11	(3.2)
Mexico	373	(1.9)	404	(2.0)	428	(1.8)	451	(2.4)	16	(0.9)	46	(1.5)	-3	(1.5)
Netherlands	448	(5.8)	514	(5.3)	556	(4.6)	597	(5.2)	42	(2.5)	87	(3.4)	-11	(3.9)
New Zealand	425	(3.3)	482	(4.2)	522	(4.1)	583	(5.1)	36	(2.1)	84	(2.9)	-1	(4.5)
Norway	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Poland	473	(4.4)	503	(4.5)	534	(3.9)	560	(8.5)	15	(1.9)	64	(4.8)	-4	(6.2)
Portugal	426	(5.2)	475	(6.0)	515	(4.9)	543	(4.7)	23	(1.7)	74	(3.1)	-8	(3.4)
Slovak Republic	405	(5.6)	472	(5.3)	505	(5.1)	552	(5.9)	30	(2.0)	99	(4.0)	-7	(5.4)
Slovenia	455	(3.5)	493	(3.8)	517	(4.2)	546	(4.7)	15	(1.6)	62	(3.9)	-8	(5.7)
Spain	419	(2.7)	473	(3.1)	509	(2.2)	542	(2.9)	29	(1.2)	71	(1.8)	-8	(1.9)
Sweden	458	(3.3)	483	(3.5)	494	(3.9)	486	(4.9)	1	(0.5)	13	(4.3)	-22	(4.9)
Switzerland	472	(3.9)	520	(4.1)	549	(4.3)	589	(4.8)	22	(1.6)	62	(2.6)	-12	(3.2)
Turkey	398	(4.1)	436	(5.9)	466	(5.8)	491	(8.3)	15	(1.5)	64	(4.8)	5	(4.4)
United Kingdom	421	(4.6)	480	(4.7)	519	(5.1)	564	(4.0)	35	(1.9)	84	(3.0)	-5	(3.5)
United States	416	(4.5)	466	(4.5)	498	(4.8)	545	(5.6)	29	(1.6)	76	(3.1)	9	(2.9)
OECD average	437	(0.7)	484	(0.8)	516	(0.7)	549	(0.9)	24	(0.3)	71	(0.6)	-5	(0.7)
Partners														
Albania	395	(4.3)	394	(4.8)	395	(5.1)	388	(6.1)	0	(0.1)	-4	(3.6)	-2	(4.0)
Argentina	350	(4.9)	382	(5.0)	413	(5.0)	426	(4.6)	16	(1.9)	43	(3.0)	-15	(3.3)
Brazil	350	(2.4)	376	(2.8)	403	(3.0)	446	(4.7)	23	(1.8)	52	(2.6)	2	(2.9)
Bulgaria	376	(5.6)	435	(5.1)	471	(5.7)	484	(5.6)	20	(1.9)	62	(3.8)	-7	(3.7)
Colombia	334	(3.6)	369	(3.8)	396	(4.2)	425	(4.5)	22	(1.8)	49	(2.6)	0	(2.5)
Costa Rica	373	(4.5)	393	(3.9)	419	(4.3)	450	(5.4)	19	(2.3)	42	(2.9)	2	(3.1)
Croatia	414	(3.9)	462	(4.2)	489	(4.9)	518	(6.1)	20	(1.7)	70	(4.3)	-1	(4.0)
Cyprus*	385	(3.4)	438	(3.7)	465	(3.2)	486	(3.4)	18	(1.5)	61	(2.8)	-8	(2.9)
Hong Kong-China	516	(5.8)	543	(4.4)	575	(4.4)	619	(4.4)	17	(1.5)	61	(3.4)	13	(4.8)
Indonesia	345	(4.8)	373	(3.6)	388	(5.2)	399	(8.3)	9	(2.2)	37	(5.6)	-7	(4.4)
Jordan	342	(3.7)	378	(3.8)	414	(4.2)	415	(7.2)	14	(1.7)	38	(3.3)	5	(3.5)
Kazakhstan	401	(3.7)	433	(4.4)	448	(4.4)	448	(4.3)	7	(1.2)	33	(3.1)	-12	(4.2)
Latvia	441	(4.6)	486	(5.2)	513	(4.8)	526	(4.6)	17	(1.9)	73	(4.7)	-7	(5.7)
Liechtenstein	458	(12.7)	511	(11.4)	571	(15.6)	602	(12.3)	34	(6.3)	74	(8.4)	-26	(11.7)
Lithuania	436	(3.7)	467	(4.0)	494	(4.2)	520	(4.4)	14	(1.3)	63	(3.5)	-11	(5.0)
Macao-China	471	(2.9)	526	(3.5)	558	(3.5)	598	(2.4)	28	(1.3)	85	(2.5)	15	(3.9)
Malaysia	368	(3.6)	407	(4.2)	442	(4.6)	472	(5.4)	23	(1.9)	66	(3.2)	-4	(4.3)
Montenegro	370	(3.7)	406	(3.8)	425	(3.7)	446	(3.6)	13	(1.5)	46	(2.9)	-5	(2.7)
Peru	318	(3.5)	355	(4.3)	390	(4.8)	429	(6.6)	24	(1.7)	57	(3.0)	-1	(2.5)
Qatar	322	(2.1)	348	(2.2)	406	(2.6)	449	(2.8)	23	(0.9)	59	(1.3)	3	(1.6)
Romania	405	(4.3)	429	(4.8)	458	(5.1)	487	(5.7)	15	(1.7)	49	(3.6)	13	(3.8)
Russian Federation	442	(4.7)	485	(4.9)	511	(4.2)	493	(5.1)	7	(1.1)	57	(5.2)	-24	(4.2)
Serbia	397	(4.7)	448	(4.1)	471	(5.0)	485	(5.0)	14	(1.5)	61	(4.0)	-6	(4.4)
Shanghai-China	546	(8.7)	627	(4.3)	634	(3.7)	646	(5.4)	17	(1.9)	93	(5.4)	-18	(5.6)
Singapore	480	(3.1)	545	(3.5)	618	(3.1)	652	(2.9)	40	(1.3)	105	(2.5)	20	(3.1)
Chinese Taipei	477	(5.7)	541	(4.8)	587	(4.9)	635	(5.1)	29	(1.8)	109	(4.0)	-8	(3.9)
Thailand	386	(4.4)	415	(4.1)	436	(4.0)	466	(6.1)	14	(1.9)	58	(4.5)	10	(4.6)
Tunisia	378	(4.2)	386	(4.7)	392	(4.7)	402	(7.2)	2	(1.0)	20	(4.7)	0	(5.1)
United Arab Emirates	374	(2.9)	424	(3.8)	458	(2.8)	489	(3.6)	23	(1.2)	61	(1.9)	3	(2.7)
Uruguay	347	(3.7)	405	(4.4)	433	(4.5)	467	(4.8)	26	(1.9)	65	(2.8)	-10	(3.7)
Viet Nam	463	(5.8)	503	(5.4)	528	(6.9)	554	(6.5)	18	(2.0)	77	(5.6)	-5	(5.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. ESCS refers to the PISA index of economic, social and cultural status.

* See notes at the beginning of this Annex.

StatLink <http://dx.doi.org/10.1787/888932964946>

[Part 3/3]
Equity in opportunity to learn: Formal mathematics
Results based on students' self-reports


Table II.4.1

	Slope of the opportunity gradient: change in mathematics score per unit of this index, AFTER accounting for student's ESCS ¹		Slope of the opportunity gradient: change in mathematics score per unit of this index, AFTER accounting for student's and school's ESCS		Total variation of this index		Variance-component: between-school variance of this index		Variance-component: within-school variance of this index		Percentage of the variance observed within schools: within-school variance as a proportion of the sum of the between and within variance	
	Score dif.	S.E.	Score dif.	S.E.	Overall	S.E.	Between	S.E.	Within	S.E.	%	S.E.
OECD	78	(1.7)	74	(1.6)	0.49	(0.01)	0.10	(0.01)	0.40	(0.01)	80.1	(1.33)
Australia	61	(3.1)	47	(3.5)	0.47	(0.01)	0.20	(0.02)	0.27	(0.01)	57.3	(2.27)
Austria	67	(2.0)	55	(2.0)	0.52	(0.01)	0.14	(0.01)	0.37	(0.01)	72.1	(2.00)
Belgium	61	(1.6)	59	(1.5)	0.37	(0.01)	0.04	(0.00)	0.33	(0.01)	89.0	(1.01)
Canada	52	(2.7)	43	(2.8)	0.34	(0.01)	0.08	(0.01)	0.25	(0.01)	75.2	(1.83)
Chile	72	(3.2)	54	(2.9)	0.29	(0.01)	0.08	(0.01)	0.21	(0.01)	71.2	(2.47)
Czech Republic	45	(2.8)	44	(2.7)	0.36	(0.01)	0.04	(0.01)	0.32	(0.01)	87.7	(1.93)
Denmark	47	(3.2)	46	(3.2)	0.21	(0.01)	0.02	(0.00)	0.19	(0.01)	92.0	(1.34)
Estonia	61	(2.6)	60	(2.7)	0.35	(0.01)	0.04	(0.01)	0.31	(0.01)	87.9	(1.69)
Finland	75	(4.1)	w	w	0.32	(0.01)	w	w	w	w	w	w
France	72	(2.8)	55	(2.9)	0.43	(0.01)	0.14	(0.01)	0.29	(0.01)	66.7	(2.09)
Germany	33	(3.2)	29	(2.9)	0.34	(0.01)	0.02	(0.01)	0.30	(0.01)	93.1	(1.68)
Greece	71	(5.0)	48	(4.0)	0.29	(0.01)	0.08	(0.01)	0.20	(0.01)	72.4	(2.56)
Hungary	20	(3.7)	19	(3.6)	0.39	(0.01)	0.02	(0.00)	0.37	(0.01)	95.8	(1.08)
Iceland	60	(2.4)	57	(2.4)	0.37	(0.01)	0.03	(0.01)	0.33	(0.01)	90.9	(1.59)
Ireland	58	(3.5)	53	(3.6)	0.41	(0.02)	0.08	(0.02)	0.33	(0.01)	80.0	(3.76)
Israel	63	(2.1)	51	(1.9)	0.39	(0.01)	0.12	(0.01)	0.26	(0.01)	68.0	(1.34)
Italy	96	(3.2)	70	(3.5)	0.22	(0.01)	0.06	(0.01)	0.16	(0.01)	71.6	(2.61)
Japan	105	(4.5)	91	(4.2)	0.27	(0.01)	0.07	(0.01)	0.20	(0.01)	73.6	(2.52)
Korea	38	(2.4)	29	(2.3)	0.51	(0.01)	0.07	(0.02)	0.44	(0.01)	85.8	(4.23)
Luxembourg	39	(1.3)	36	(1.3)	0.43	(0.01)	0.08	(0.00)	0.35	(0.01)	82.3	(1.06)
Mexico	82	(3.3)	66	(3.9)	0.45	(0.01)	0.14	(0.01)	0.31	(0.01)	68.2	(2.17)
Netherlands	72	(3.2)	68	(3.3)	0.51	(0.01)	0.09	(0.01)	0.42	(0.01)	82.7	(2.10)
New Zealand	m	m	m	m	m	m	m	m	m	m	m	m
Norway	51	(3.9)	50	(3.3)	0.30	(0.01)	0.02	(0.01)	0.28	(0.01)	92.5	(2.31)
Poland	59	(3.1)	57	(3.2)	0.37	(0.01)	0.04	(0.01)	0.33	(0.01)	89.5	(1.67)
Portugal	76	(3.4)	57	(3.7)	0.32	(0.02)	0.11	(0.01)	0.22	(0.01)	67.2	(2.77)
Slovak Republic	49	(3.8)	25	(3.2)	0.32	(0.01)	0.07	(0.01)	0.25	(0.01)	78.7	(2.23)
Slovenia	60	(2.0)	59	(2.0)	0.44	(0.01)	0.05	(0.01)	0.39	(0.01)	88.0	(1.19)
Spain	6	(4.3)	5	(4.0)	0.31	(0.02)	0.02	(0.01)	0.28	(0.01)	92.5	(2.89)
Sweden	53	(2.5)	46	(2.6)	0.50	(0.01)	0.20	(0.02)	0.30	(0.01)	59.6	(2.53)
Switzerland	53	(3.8)	38	(3.2)	0.30	(0.01)	0.04	(0.01)	0.26	(0.01)	85.1	(1.90)
Turkey	76	(2.4)	71	(2.2)	0.43	(0.01)	0.08	(0.01)	0.36	(0.01)	82.2	(2.19)
United Kingdom	65	(3.1)	63	(3.1)	0.41	(0.01)	0.04	(0.01)	0.37	(0.01)	89.5	(1.43)
United States	60	(0.5)	51	(0.5)	0.37	(0.00)	0.08	(0.00)	0.29	(0.00)	80.4	(0.37)
OECD average												
Partners												
Albania	m	m	m	m	0.42	(0.01)	0.03	(0.00)	0.40	(0.02)	93.1	(1.16)
Argentina	33	(2.7)	25	(2.6)	0.48	(0.02)	0.12	(0.01)	0.37	(0.01)	74.7	(2.37)
Brazil	42	(2.2)	34	(2.0)	0.51	(0.01)	0.14	(0.01)	0.37	(0.01)	72.4	(2.19)
Bulgaria	46	(2.9)	34	(2.9)	0.45	(0.02)	0.08	(0.01)	0.36	(0.01)	82.0	(2.44)
Colombia	40	(2.1)	36	(2.0)	0.51	(0.01)	0.08	(0.01)	0.43	(0.01)	83.6	(2.21)
Costa Rica	32	(2.5)	27	(2.2)	0.52	(0.02)	0.11	(0.02)	0.42	(0.01)	79.4	(3.30)
Croatia	61	(3.7)	52	(3.3)	0.32	(0.01)	0.04	(0.00)	0.29	(0.01)	87.7	(1.46)
Cyprus*	49	(3.0)	44	(3.0)	0.40	(0.01)	0.04	(0.01)	0.37	(0.01)	89.5	(2.19)
Hong Kong-China	55	(3.3)	55	(2.8)	0.40	(0.01)	0.03	(0.00)	0.38	(0.01)	92.8	(1.20)
Indonesia	30	(3.9)	24	(3.2)	0.33	(0.01)	0.06	(0.01)	0.28	(0.01)	81.9	(2.49)
Jordan	34	(2.8)	34	(2.3)	0.57	(0.02)	0.09	(0.01)	0.49	(0.02)	84.8	(1.59)
Kazakhstan	27	(2.6)	24	(2.3)	0.32	(0.01)	0.03	(0.00)	0.30	(0.01)	90.5	(1.42)
Latvia	59	(4.6)	56	(4.7)	0.22	(0.01)	0.02	(0.00)	0.19	(0.01)	88.9	(1.58)
Liechtenstein	66	(9.6)	48	(12.7)	0.57	(0.04)	0.25	(0.07)	0.29	(0.03)	53.7	(8.68)
Lithuania	53	(3.1)	48	(3.2)	0.27	(0.01)	0.02	(0.00)	0.25	(0.01)	91.8	(1.19)
Macao-China	83	(2.4)	84	(2.5)	0.32	(0.01)	0.04	(0.01)	0.28	(0.02)	86.1	(2.91)
Malaysia	57	(2.9)	52	(2.6)	0.36	(0.01)	0.04	(0.01)	0.32	(0.01)	88.1	(1.95)
Montenegro	39	(2.8)	33	(2.7)	0.40	(0.01)	0.03	(0.01)	0.38	(0.02)	92.8	(1.69)
Peru	42	(2.3)	35	(2.1)	0.51	(0.01)	0.10	(0.01)	0.41	(0.01)	79.8	(1.97)
Qatar	55	(1.3)	52	(1.3)	0.67	(0.01)	0.16	(0.02)	0.51	(0.04)	76.1	(2.96)
Romania	36	(2.9)	29	(2.7)	0.40	(0.01)	0.09	(0.01)	0.31	(0.01)	78.0	(2.47)
Russian Federation	42	(5.3)	40	(5.3)	0.16	(0.01)	0.01	(0.00)	0.16	(0.01)	94.7	(1.12)
Serbia	50	(3.7)	41	(3.6)	0.29	(0.01)	0.03	(0.00)	0.27	(0.01)	89.1	(1.48)
Shanghai-China	74	(4.9)	59	(6.0)	0.21	(0.02)	0.04	(0.01)	0.17	(0.01)	82.8	(3.81)
Singapore	95	(2.6)	87	(2.6)	0.41	(0.01)	0.07	(0.01)	0.35	(0.01)	83.5	(1.74)
Chinese Taipei	91	(3.6)	74	(3.3)	0.33	(0.01)	0.06	(0.01)	0.27	(0.01)	81.9	(2.00)
Thailand	47	(3.8)	42	(3.5)	0.29	(0.01)	0.04	(0.01)	0.24	(0.01)	85.2	(1.73)
Tunisia	13	(3.7)	11	(2.8)	0.36	(0.01)	0.02	(0.01)	0.35	(0.01)	94.4	(2.83)
United Arab Emirates	56	(1.8)	51	(1.8)	0.50	(0.01)	0.10	(0.01)	0.40	(0.01)	80.3	(1.61)
Uruguay	50	(2.5)	42	(2.5)	0.47	(0.01)	0.11	(0.01)	0.36	(0.01)	76.3	(2.34)
Viet Nam	65	(4.3)	56	(3.6)	0.22	(0.01)	0.04	(0.01)	0.18	(0.01)	83.3	(2.16)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. ESCS refers to the PISA index of economic, social and cultural status.

* See notes at the beginning of this Annex.

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[Part 1/4]

Mathematics performance and student population, by schools' socio-economic profileTable II.4.2 *Results based on students' self-reports*

	Percentage of students						Mean ESCS ¹						Mean mathematics performance					
	Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²		Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²		Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²	
	%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD																		
Australia	23.8	(1.2)	51.2	(1.7)	25.0	(1.4)	-0.30	(0.02)	0.24	(0.01)	0.77	(0.01)	459	(3.1)	499	(2.1)	558	(3.6)
Austria	32.5	(2.8)	41.4	(3.5)	26.1	(2.8)	-0.41	(0.03)	0.07	(0.02)	0.68	(0.05)	445	(5.3)	521	(5.5)	558	(5.5)
Belgium	29.0	(2.2)	37.3	(2.9)	33.8	(2.1)	-0.46	(0.03)	0.12	(0.02)	0.68	(0.02)	437	(4.6)	512	(3.6)	584	(4.2)
Canada	21.4	(2.1)	52.6	(2.9)	26.0	(2.0)	-0.12	(0.02)	0.38	(0.01)	0.90	(0.02)	489	(4.1)	511	(2.0)	556	(3.4)
Chile	42.8	(3.0)	22.8	(3.5)	34.4	(2.4)	-1.29	(0.04)	-0.66	(0.02)	0.36	(0.05)	387	(3.8)	408	(6.2)	476	(5.4)
Czech Republic	21.7	(2.6)	57.7	(3.0)	20.6	(2.0)	-0.55	(0.03)	-0.09	(0.01)	0.51	(0.02)	434	(7.5)	492	(3.6)	588	(4.4)
Denmark	21.4	(3.0)	56.0	(3.3)	22.6	(2.3)	-0.08	(0.03)	0.39	(0.01)	0.97	(0.02)	467	(5.0)	497	(2.1)	538	(4.1)
Estonia	19.0	(2.0)	58.1	(2.7)	22.9	(1.7)	-0.40	(0.03)	0.06	(0.01)	0.66	(0.02)	498	(4.1)	513	(2.7)	558	(3.8)
Finland	16.0	(2.4)	67.0	(3.0)	17.0	(1.9)	-0.04	(0.03)	0.36	(0.01)	0.77	(0.02)	499	(4.3)	519	(2.5)	538	(4.1)
France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Germany	28.0	(2.8)	45.2	(3.3)	26.8	(2.2)	-0.44	(0.02)	0.19	(0.02)	0.82	(0.03)	446	(5.8)	514	(5.0)	586	(4.5)
Greece	25.3	(3.1)	48.3	(4.0)	26.5	(3.3)	-0.77	(0.04)	-0.07	(0.02)	0.61	(0.03)	397	(6.2)	467	(2.9)	498	(4.3)
Hungary	31.6	(2.7)	35.0	(3.3)	33.4	(2.5)	-0.95	(0.05)	-0.27	(0.02)	0.42	(0.04)	409	(6.1)	455	(4.9)	554	(6.0)
Iceland	16.3	(0.2)	55.9	(0.2)	27.8	(0.2)	0.27	(0.03)	0.74	(0.02)	1.16	(0.02)	466	(3.8)	486	(2.3)	522	(2.8)
Ireland	17.2	(2.3)	57.0	(3.6)	25.8	(2.8)	-0.51	(0.04)	0.09	(0.01)	0.63	(0.03)	439	(5.4)	505	(2.2)	536	(3.3)
Israel	29.7	(3.1)	38.4	(3.8)	31.9	(3.2)	-0.39	(0.03)	0.18	(0.02)	0.67	(0.02)	397	(5.6)	467	(7.9)	529	(6.8)
Italy	28.8	(1.6)	41.2	(2.2)	29.9	(1.7)	-0.65	(0.02)	-0.08	(0.01)	0.55	(0.02)	428	(3.4)	484	(2.7)	543	(3.4)
Japan	29.5	(2.5)	43.1	(3.3)	27.4	(2.2)	-0.49	(0.02)	-0.08	(0.01)	0.37	(0.02)	474	(6.7)	540	(5.2)	599	(6.2)
Korea	26.7	(2.6)	48.6	(3.7)	24.8	(3.5)	-0.46	(0.02)	0.03	(0.02)	0.48	(0.03)	493	(6.8)	557	(4.7)	613	(9.1)
Luxembourg	47.9	(0.1)	15.0	(0.1)	37.1	(0.1)	-0.45	(0.02)	0.17	(0.03)	0.71	(0.02)	444	(1.3)	497	(2.4)	546	(1.8)
Mexico	34.3	(1.4)	35.3	(1.8)	30.5	(1.7)	-1.99	(0.02)	-1.12	(0.01)	-0.10	(0.04)	384	(2.4)	409	(1.9)	451	(2.3)
Netherlands	23.4	(2.7)	50.9	(4.2)	25.7	(3.3)	-0.26	(0.03)	0.23	(0.02)	0.68	(0.02)	440	(5.7)	527	(5.9)	591	(7.2)
New Zealand	21.5	(3.1)	55.3	(4.0)	23.2	(2.6)	-0.51	(0.04)	0.02	(0.02)	0.58	(0.03)	443	(4.9)	497	(4.4)	558	(4.1)
Norway	10.0	(2.2)	73.3	(2.8)	16.6	(2.6)	0.03	(0.03)	0.42	(0.01)	0.91	(0.03)	467	(7.4)	484	(3.2)	527	(4.6)
Poland	27.5	(3.1)	50.2	(3.9)	22.3	(3.1)	-0.74	(0.03)	-0.22	(0.02)	0.47	(0.04)	484	(3.7)	513	(3.4)	566	(8.4)
Portugal	33.6	(3.6)	45.8	(4.7)	20.5	(3.8)	-1.15	(0.03)	-0.49	(0.02)	0.61	(0.09)	441	(7.1)	496	(3.9)	543	(5.8)
Slovak Republic	26.9	(2.7)	47.3	(2.8)	25.8	(1.9)	-0.86	(0.04)	-0.17	(0.02)	0.50	(0.04)	412	(6.3)	477	(3.7)	563	(6.8)
Slovenia	29.5	(0.6)	40.2	(0.7)	30.3	(0.5)	-0.47	(0.01)	0.03	(0.02)	0.66	(0.02)	437	(1.9)	492	(1.9)	579	(2.2)
Spain	29.5	(2.4)	42.9	(3.2)	27.7	(2.5)	-0.79	(0.02)	-0.23	(0.01)	0.52	(0.03)	450	(3.3)	484	(2.3)	522	(2.6)
Sweden	18.0	(2.7)	58.9	(3.4)	23.1	(2.6)	-0.17	(0.03)	0.22	(0.01)	0.74	(0.02)	453	(6.0)	474	(2.5)	508	(5.3)
Switzerland	26.5	(3.1)	47.2	(3.4)	26.3	(2.6)	-0.28	(0.02)	0.11	(0.02)	0.73	(0.03)	497	(5.3)	516	(3.4)	592	(6.2)
Turkey	32.0	(3.2)	43.1	(4.1)	24.8	(2.8)	-2.05	(0.03)	-1.49	(0.02)	-0.63	(0.07)	402	(4.5)	435	(5.3)	529	(11.5)
United Kingdom	24.2	(2.6)	52.1	(3.0)	23.7	(2.3)	-0.23	(0.03)	0.26	(0.01)	0.79	(0.02)	449	(7.9)	489	(3.5)	552	(5.6)
United States	26.6	(3.5)	44.4	(4.3)	29.0	(3.3)	-0.48	(0.04)	0.17	(0.02)	0.78	(0.04)	435	(5.0)	485	(4.8)	519	(4.8)
OECD average	26.4	(0.4)	47.2	(0.6)	26.5	(0.4)	-0.56	(0.01)	-0.02	(0.00)	0.60	(0.01)	444	(0.9)	492	(0.7)	548	(0.9)
Partners																		
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	33.4	(3.0)	34.6	(3.6)	31.9	(3.4)	-1.43	(0.04)	-0.75	(0.03)	0.05	(0.05)	342	(4.4)	389	(6.1)	436	(5.3)
Brazil	33.1	(2.0)	42.6	(2.2)	24.3	(1.6)	-1.87	(0.02)	-1.23	(0.02)	-0.11	(0.05)	363	(2.8)	378	(1.9)	454	(5.7)
Bulgaria	33.7	(3.0)	32.4	(3.6)	33.8	(2.7)	-0.97	(0.05)	-0.29	(0.03)	0.46	(0.04)	381	(5.0)	425	(4.9)	510	(5.7)
Colombia	28.8	(3.1)	41.7	(3.8)	29.6	(3.1)	-2.12	(0.04)	-1.28	(0.02)	-0.40	(0.06)	339	(4.1)	372	(3.5)	419	(5.8)
Costa Rica	28.5	(3.2)	48.7	(3.5)	22.8	(2.1)	-1.88	(0.05)	-0.99	(0.02)	0.16	(0.05)	372	(3.7)	402	(3.7)	461	(6.5)
Croatia	33.1	(3.0)	43.6	(3.4)	23.4	(1.8)	-0.79	(0.02)	-0.35	(0.02)	0.32	(0.03)	430	(4.1)	463	(5.2)	546	(8.6)
Cyprus*	34.5	(0.1)	37.0	(0.1)	28.5	(0.1)	-0.38	(0.02)	0.08	(0.02)	0.65	(0.02)	399	(1.7)	442	(2.0)	487	(2.3)
Hong Kong-China	35.3	(3.4)	40.2	(3.8)	24.5	(3.6)	-1.33	(0.02)	-0.84	(0.02)	0.05	(0.06)	510	(6.4)	573	(5.8)	615	(6.9)
Indonesia	39.9	(3.8)	32.9	(3.5)	27.1	(3.3)	-2.38	(0.02)	-1.88	(0.03)	-0.85	(0.09)	360	(6.0)	358	(4.5)	417	(8.7)
Jordan	20.8	(2.5)	59.3	(3.5)	19.9	(2.3)	-1.02	(0.04)	-0.46	(0.02)	0.30	(0.04)	362	(4.7)	376	(3.9)	438	(9.2)
Kazakhstan	22.7	(3.0)	45.4	(3.6)	31.9	(3.2)	-0.81	(0.02)	-0.37	(0.02)	0.12	(0.02)	410	(7.5)	423	(4.0)	460	(6.2)
Latvia	20.2	(2.5)	50.3	(3.4)	29.5	(2.9)	-0.95	(0.04)	-0.32	(0.02)	0.32	(0.03)	452	(5.8)	480	(2.9)	534	(4.9)
Liechtenstein	14.8	(0.9)	51.2	(0.9)	34.1	(0.4)	c	c	0.24	(0.08)	c	c	c	c	506	(5.3)	c	c
Lithuania	22.8	(2.1)	53.1	(3.2)	24.1	(2.6)	-0.76	(0.03)	-0.13	(0.02)	0.45	(0.03)	430	(4.5)	475	(3.5)	534	(5.3)
Macao-China	51.6	(0.1)	17.5	(0.0)	30.8	(0.1)	-1.22	(0.01)	-0.89	(0.02)	-0.32	(0.02)	527	(1.5)	535	(2.4)	558	(1.9)
Malaysia	28.6	(2.7)	42.9	(4.0)	28.6	(3.2)	-1.36	(0.04)	-0.76	(0.02)	-0.04	(0.05)	387	(3.5)	408	(3.9)	473	(6.6)
Montenegro	38.7	(0.2)	23.6	(0.1)	37.7	(0.1)	-0.63	(0.02)	-0.30	(0.03)	0.17	(0.02)	363	(1.5)	413	(2.5)	455	(1.9)
Peru	35.0	(2.7)	31.8	(3.0)	33.2	(2.8)	-2.13	(0.04)	-1.25	(0.03)	-0.28	(0.07)	318	(3.7)	359	(3.6)	429	(5.5)
Qatar	33.8	(0.1)	22.6	(0.1)	43.7	(0.1)	-0.03	(0.01)	0.42	(0.02)	0.81	(0.01)	353	(1.3)	344	(1.6)	412	(1.1)
Romania	30.9	(3.3)	40.5	(4.2)	28.7	(3.5)	-1.07	(0.05)	-0.51	(0.02)	0.22	(0.05)	403	(5.5)	434	(4.4)	505	(6.9)
Russian Federation	21.9	(2.8)	50.2	(3.3)	27.9	(2.6)	-0.62	(0.03)	-0.16	(0.02)	0.39	(0.03)	450	(6.2)	474	(4.9)	523	(5.2)
Serbia	32.3	(3.3)	43.2	(4.0)	24.4	(2.4)	-0.74	(0.02)	-0.33	(0.02)	0.36	(0.04)	398	(5.0)	444	(5.1)	525	(7.4)
Shanghai-China	29.4	(3.1)	37.4	(3.7)	33.2	(3.1)	-1.06	(0.05)	-0.35	(0.02)	0.25	(0.04)	541	(6.2)	611	(5.2)	678	(6.4)
Singapore	30.5	(0.2)	45.3	(0.9)	24.2	(0.9)	-0.71	(0.02)	-0.33	(0.02)	0.45	(0.02)	526	(2.4)	562	(2.1)	655	(3.4)
Chinese Taipei	30.0	(3.1)	42.2	(3.9)	27.7	(2.8)	-0.86	(0.03)	-0.44	(0.02)	0.15	(0.04)	485	(5.5)	560	(4.5)	641	(6.7)
Thailand	39.1	(2.9)	31.7	(3.0)	29.2	(2.6)	-2.04	(0.03)	-1.37	(0.02)	-0.40	(0.05)	404	(4.5)	415	(4.2)	471	(6.2)
Tunisia	29.5	(2.9)	44.2	(3.9)	26.4	(3.0)	-2.04	(0.05)	-1.22	(0.03)	-0.22	(0.06)	353	(4.7)	380	(5.4)	440	(8.5)
United Arab Emirates	25.4	(1.5)	40.0	(2.3)	34.6	(2.0)	-0.26	(0.03)</										

[Part 2/4]

Mathematics performance and student population, by schools' socio-economic profileTable II.4.2 *Results based on students' self-reports*

	Percentage of immigrant students						Percentage of immigrant students who do not speak the language of assessment at home						Percentage of students in rural schools (schools located in a village, hamlet or rural area; fewer than 3 000 people)					
	Socio-economically disadvantaged schools ²		Socio-economically advantaged schools ²		Socio-economically advantaged schools ²		Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²		Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																		
Australia	22.3	(2.0)	6.5	(0.5)	25.8	(1.5)	8.0	(1.3)	6.5	(0.5)	8.0	(1.0)	61.9	(7.2)	33.5	(7.4)	4.6	(3.0)
Austria	24.3	(2.4)	8.3	(1.1)	11.0	(1.4)	15.2	(1.9)	8.3	(1.1)	6.2	(1.1)	35.2	(12.0)	41.6	(12.2)	23.2	(11.6)
Belgium	24.9	(2.8)	13.1	(1.5)	9.7	(1.1)	12.9	(1.5)	6.1	(0.7)	3.4	(0.6)	38.1	(18.7)	25.9	(16.6)	35.9	(19.6)
Canada	38.9	(3.8)	10.8	(0.9)	35.7	(2.9)	19.0	(2.5)	10.8	(0.9)	16.8	(1.5)	29.3	(5.2)	60.0	(6.1)	10.7	(5.1)
Chile	0.5	(0.2)	0.0	(0.0)	1.0	(0.2)	0.0	(0.0)	0.0	(0.0)	0.1	(0.1)	93.2	(5.0)	0.0	c	6.8	(5.0)
Czech Republic	2.5	(0.7)	2.0	(0.4)	4.1	(0.6)	1.1	(0.5)	2.0	(0.4)	3.3	(0.5)	16.6	(9.4)	80.0	(9.6)	3.3	(3.3)
Denmark	17.4	(2.5)	3.7	(0.3)	3.8	(0.7)	7.6	(0.9)	3.7	(0.3)	1.4	(0.4)	24.7	(7.1)	67.5	(7.7)	7.8	(4.7)
Estonia	8.8	(1.7)	1.5	(0.3)	5.5	(1.5)	1.8	(0.9)	1.5	(0.3)	1.9	(0.5)	36.6	(6.6)	61.3	(6.7)	2.2	(2.2)
Finland	4.8	(0.8)	2.5	(0.1)	3.4	(0.3)	3.9	(0.8)	2.5	(0.1)	2.6	(0.3)	61.2	(13.5)	38.7	(13.5)	0.2	(0.0)
France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Germany	20.0	(2.1)	4.5	(0.6)	7.7	(1.1)	8.4	(1.2)	4.5	(0.6)	2.6	(0.6)	60.3	(27.2)	39.7	(27.2)	0.0	c
Greece	18.6	(3.2)	2.5	(0.4)	5.4	(0.7)	9.9	(2.3)	2.5	(0.4)	1.4	(0.3)	57.5	(13.3)	32.0	(12.5)	10.5	(9.4)
Hungary	0.6	(0.2)	0.5	(0.3)	2.4	(0.5)	0.0	(0.0)	0.5	(0.3)	0.4	(0.3)	76.1	(17.3)	23.9	(17.3)	0.0	c
Iceland	6.9	(0.8)	2.2	(0.4)	2.5	(0.5)	6.1	(0.7)	2.2	(0.4)	1.7	(0.5)	37.9	(0.7)	57.9	(0.6)	4.2	(0.2)
Ireland	13.3	(2.1)	4.7	(0.7)	8.4	(1.1)	7.1	(1.5)	4.7	(0.7)	2.6	(0.6)	8.3	(4.6)	83.0	(6.6)	8.8	(5.0)
Israel	16.7	(2.5)	9.1	(1.3)	16.1	(1.9)	6.3	(1.3)	9.1	(1.3)	8.3	(1.7)	21.8	(8.2)	15.2	(7.1)	63.1	(9.5)
Italy	10.8	(0.7)	4.3	(0.4)	4.0	(0.3)	7.6	(0.6)	4.3	(0.4)	1.9	(0.2)	45.3	(13.3)	54.2	(13.4)	0.4	(0.4)
Japan	0.5	(0.1)	0.0	(0.0)	0.4	(0.2)	0.3	(0.1)	0.0	(0.0)	0.3	(0.1)	0.0	c	0.0	c	0.0	c
Korea	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	73.6	(26.0)	0.0	c	26.4	(26.0)
Luxembourg	58.0	(1.0)	23.2	(1.8)	36.9	(0.8)	48.1	(1.1)	23.2	(1.8)	16.7	(0.8)	0.0	c	0.0	c	100.0	c
Mexico	1.7	(0.2)	0.0	(0.0)	0.9	(0.2)	0.5	(0.1)	0.0	(0.0)	0.2	(0.1)	87.0	(2.2)	12.0	(2.2)	1.0	(0.6)
Netherlands	17.5	(3.3)	5.0	(0.9)	5.4	(1.0)	7.9	(1.8)	5.0	(0.9)	1.9	(0.5)	0.0	c	0.0	c	0.0	c
New Zealand	29.9	(3.4)	11.0	(1.4)	31.7	(2.7)	17.0	(2.3)	11.0	(1.4)	15.1	(2.4)	63.6	(13.5)	36.4	(13.5)	0.0	c
Norway	21.4	(5.6)	5.5	(0.5)	6.7	(1.7)	12.8	(4.0)	5.5	(0.5)	3.8	(0.9)	17.0	(6.1)	83.0	(6.1)	0.0	c
Poland	0.1	(0.1)	0.0	(0.0)	0.5	(0.2)	0.1	(0.1)	0.0	(0.0)	0.2	(0.1)	54.1	(7.0)	43.3	(7.0)	2.5	(2.2)
Portugal	6.7	(1.3)	2.4	(0.5)	4.6	(0.9)	1.7	(0.5)	2.4	(0.5)	0.9	(0.2)	81.2	(14.5)	18.8	(14.5)	0.0	c
Slovak Republic	0.7	(0.3)	0.1	(0.1)	0.8	(0.2)	0.2	(0.1)	0.1	(0.1)	0.3	(0.2)	51.4	(8.1)	48.6	(8.1)	0.0	c
Slovenia	13.2	(1.1)	3.8	(0.6)	5.7	(0.6)	8.2	(0.8)	3.8	(0.6)	2.3	(0.5)	6.1	(3.4)	93.9	(3.4)	0.0	c
Spain	13.3	(1.4)	4.7	(0.7)	5.0	(0.7)	7.1	(1.2)	4.7	(0.7)	2.1	(0.5)	65.9	(11.5)	30.4	(11.5)	3.7	(1.7)
Sweden	22.8	(4.3)	8.5	(0.8)	10.0	(1.5)	14.9	(3.2)	8.5	(0.8)	4.6	(1.2)	34.1	(9.2)	59.7	(9.4)	6.2	(4.2)
Switzerland	29.8	(2.2)	13.1	(0.8)	16.8	(1.2)	16.6	(1.8)	13.1	(0.8)	6.6	(0.7)	48.4	(10.8)	49.4	(10.8)	2.3	(3.3)
Turkey	0.7	(0.4)	0.2	(0.1)	1.0	(0.5)	0.2	(0.2)	0.2	(0.1)	0.1	(0.1)	27.4	(17.5)	39.1	(23.7)	33.5	(20.5)
United Kingdom	20.9	(2.8)	3.2	(0.7)	14.6	(2.6)	10.2	(1.6)	3.2	(0.7)	6.9	(1.8)	11.6	(7.0)	47.6	(10.5)	40.8	(10.6)
United States	40.0	(3.4)	8.4	(1.6)	12.7	(2.6)	25.4	(2.6)	8.4	(1.6)	6.2	(1.3)	22.8	(12.7)	77.2	(12.7)	0.0	c
OECD average	15.7	(0.4)	10.1	(0.2)	9.1	(0.2)	8.7	(0.3)	4.8	(0.1)	3.9	(0.1)	41.2	(2.2)	41.2	(2.3)	11.7	(2.1)
Partners																		
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	6.6	(1.0)	0.5	(0.3)	1.4	(0.4)	1.1	(0.3)	0.5	(0.3)	0.1	(0.1)	51.4	(12.8)	48.6	(12.8)	0.0	c
Brazil	0.5	(0.1)	0.1	(0.1)	1.0	(0.4)	0.0	(0.0)	0.1	(0.1)	0.4	(0.2)	88.8	(6.6)	11.2	(6.6)	0.0	c
Bulgaria	0.4	(0.2)	0.3	(0.2)	0.4	(0.2)	0.1	(0.1)	0.3	(0.2)	0.3	(0.2)	88.1	(8.5)	11.9	(8.5)	0.0	c
Colombia	0.5	(0.2)	0.0	(0.0)	0.1	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	87.5	(6.1)	12.4	(6.0)	0.2	(0.1)
Costa Rica	7.2	(2.0)	0.1	(0.0)	4.4	(0.8)	0.0	(0.0)	0.1	(0.0)	0.8	(0.3)	66.7	(7.3)	26.0	(6.9)	7.3	(4.1)
Croatia	13.9	(1.5)	0.2	(0.1)	10.3	(1.1)	0.4	(0.1)	0.2	(0.1)	0.1	(0.1)	62.6	(34.5)	37.4	(34.5)	0.0	c
Cyprus*	7.6	(0.6)	3.9	(0.4)	9.2	(0.7)	4.4	(0.4)	3.9	(0.4)	3.8	(0.5)	54.6	(0.6)	45.4	(0.6)	c	c
Hong Kong-China	42.5	(1.9)	3.4	(0.4)	18.0	(2.2)	5.6	(1.1)	3.4	(0.4)	1.6	(0.5)	0.0	c	0.0	c	0.0	c
Indonesia	0.1	(0.1)	0.1	(0.1)	0.2	(0.1)	0.0	(0.0)	0.1	(0.1)	0.1	(0.1)	61.7	(7.3)	31.8	(6.8)	6.4	(4.7)
Jordan	8.6	(1.6)	0.6	(0.1)	19.9	(2.4)	0.3	(0.1)	0.6	(0.1)	2.0	(0.5)	52.3	(11.1)	34.6	(10.8)	13.1	(8.4)
Kazakhstan	28.2	(5.0)	1.0	(0.2)	13.3	(1.6)	0.6	(0.3)	1.0	(0.2)	2.6	(0.6)	45.0	(5.4)	52.3	(5.8)	2.7	(2.2)
Latvia	3.8	(0.9)	1.1	(0.4)	4.2	(0.9)	1.5	(0.8)	1.1	(0.4)	0.8	(0.2)	52.9	(7.0)	44.1	(7.1)	2.9	(2.1)
Liechtenstein	c	c	12.5	(2.8)	c	c	c	c	12.5	(2.8)	c	c	0.0	c	0.0	c	0.0	c
Lithuania	0.8	(0.3)	0.5	(0.1)	1.6	(0.6)	0.4	(0.2)	0.5	(0.1)	0.3	(0.2)	65.2	(6.6)	34.8	(6.6)	0.0	c
Macao-China	74.1	(0.8)	4.0	(0.5)	50.4	(1.3)	1.1	(0.2)	4.0	(0.5)	18.4	(0.9)	0.0	c	100.0	c	0.0	c
Malaysia	1.7	(0.6)	0.4	(0.2)	1.0	(0.3)	0.3	(0.2)	0.4	(0.2)	0.6	(0.3)	69.8	(10.0)	30.2	(10.0)	0.0	c
Montenegro	4.3	(0.5)	0.0	(0.0)	7.5	(0.7)	0.0	(0.0)	0.0	(0.0)	0.5	(0.2)	0.0	c	0.0	c	0.0	c
Peru	0.7	(0.2)	0.1	(0.1)	0.3	(0.1)	0.2	(0.1)	0.1	(0.1)	0.0	(0.0)	80.9	(5.9)	16.2	(5.4)	2.9	(2.9)
Qatar	52.4	(0.7)	11.4	(0.4)	53.9	(0.5)	27.7	(0.5)	11.4	(0.4)	32.0	(0.5)	35.9	(0.3)	18.5	(0.2)	45.6	(0.3)
Romania	0.1	(0.1)	0.0	(0.0)	0.4	(0.2)	0.0	(0.0)	0.0	(0.0)	0.2	(0.1)	67.5	(12.5)	32.5	(12.5)	0.0	c
Russian Federation	12.4	(1.8)	1.2	(0.2)	10.5	(1.0)	3.3	(1.0)	1.2	(0.2)	0.7	(0.2)	47.5	(5.5)	52.5	(5.5)	0.0	c
Serbia	8.9	(1.5)	0.9	(0.6)	8.1	(0.9)	0.8	(0.3)	0.9	(0.6)	0.4	(0.2)	100.0	c	0.0	c	0.0	c
Shanghai-China	2.0	(0.5)	0.3	(0.2)	0.3	(0.2)	0.6	(0.2)	0.3	(0.2)	0.1	(0.1)	0.0	c	0.0	c	0.0	c
Singapore	15.0	(0.8)	12.0	(0.7)	28.4	(2.1)	13.6	(0.7)	12.0	(0.7)	17.0	(1.7)	0.0	c	0.0	c	0.0	c
Chinese Taipei	0.5	(0.2)	0.1	(0.1)	0.2	(0.1)	0.0	(0.0)	0.1	(0.1)	0.0	(0.0)	67.0	(27.0)	32.5	(27.1)	0.6	(0.4)
Thailand	1.7	(1.1)	0.1	(0.1)	0.0	(0.0)	1.4	(0.9)	0.1	(0.1)	0.0	(0.0)	74.2	(7.5)	21.7	(7.0)	4.1	(4.0)
Tunisia	0.4	(0.2)	0.1	(0.1)	0.5	(0.2)	0.0	(0.0)	0.1	(0.1)	0.1	(0.1)	79.4	(17.1)	20.6	(17.1)	0.0	c
United Arab Emirates	41.5	(2.1)	25.1	(2.2)	66.9	(3.3)	14.9	(1.8)	25.1	(2.2)	31.0	(2.6)	52.4	(7.4)	28.7	(5.2)	18.9	(4.7)
Uruguay	0.3	(0.1)	0.1	(0.1)	0.9	(0.3)	0.1	(0.1)	0.1	(0.1)	0.3	(0.2)	70.2	(10.4)	29.8	(10.4)	0.0	c
Viet Nam	0.1	(0.1)	0.0	(0.0)	0.2	(0.2)	0.0	(0.0)	0.0	(0.0)	0.2	(0.2)	66.0	(5.8)	28.2	(5.4)	5.8	(2.9)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. ESCS refers to the PISA index of economic, social and cultural status.

2. Advantaged (disadvantaged) schools are those where the typical student in the school, or the socio-economic profile of the school, is above (below) the ESCS of the typical student in the country/economy, the country mean ESCS. In each school, a random sample of 35 students are to take part in PISA (for more details see the PISA 2012 Technical Report, OECD, forthcoming). The socio-economic profile of the school is calculated using the information provided by these students. Therefore, the precision of the estimate depends on the number of students that actually take the test in the school and the diversity of their answers. This precision was taken into account when classifying schools as advantaged, disadvantaged or average. If the difference between the school socio-economic profile and the ESCS of the typical student in the country/economy (the mean ESCS at the country level) was not statistically significant, the school was classified as a school with an average socio-economic profile. If the school profile was statistically significantly above the country mean, the school is classified as a socio-economically advantaged school. If the profile was below the country mean, the school is classified as a socio-economically disadvantaged school.

* See notes at the beginning of this Annex.

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[Part 3/4]

Mathematics performance and student population, by schools' socio-economic profileTable II.4.2 *Results based on students' self-reports*


	Percentage of students in schools located in a city or large city (over 100 000 people)						Difference in performance between students in socio-economically average versus disadvantaged schools				Difference in performance between students in socio-economically advantaged versus average schools			
	Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²		Before accounting for student's ESCS ¹		After accounting for student's ESCS		Before accounting for student's ESCS		After accounting for student's ESCS	
	%	S.E.	%	S.E.	%	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD														
Australia	18.0	(1.5)	49.2	(2.2)	32.8	(1.9)	41	(3.6)	24	(3.4)	58	(4.1)	42	(4.4)
Austria	31.0	(4.4)	35.4	(7.3)	33.6	(6.5)	75	(7.8)	63	(7.7)	37	(7.7)	23	(7.8)
Belgium	35.7	(5.8)	24.3	(5.6)	40.0	(7.0)	75	(5.9)	58	(5.9)	72	(6.0)	57	(6.1)
Canada	21.7	(3.0)	44.4	(3.7)	33.9	(3.2)	22	(4.7)	9	(4.6)	45	(4.0)	31	(4.0)
Chile	29.4	(3.9)	29.3	(5.0)	41.3	(4.3)	21	(7.6)	11	(7.5)	68	(8.1)	46	(7.9)
Czech Republic	11.4	(4.7)	56.2	(7.3)	32.4	(5.6)	57	(8.7)	45	(8.3)	96	(5.2)	84	(5.3)
Denmark	24.9	(8.0)	45.0	(8.3)	30.1	(8.3)	30	(5.4)	13	(4.2)	41	(4.6)	22	(4.1)
Estonia	6.8	(2.3)	46.1	(5.4)	47.1	(4.9)	15	(5.1)	5	(5.1)	44	(4.4)	30	(4.3)
Finland	5.3	(0.5)	61.0	(4.7)	33.7	(4.6)	20	(4.9)	7	(4.5)	19	(5.1)	6	(4.3)
France	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Germany	25.2	(6.4)	38.1	(6.5)	36.6	(6.7)	69	(7.7)	59	(7.9)	72	(6.9)	62	(6.9)
Greece	15.7	(4.7)	41.0	(7.8)	43.3	(7.1)	60	(7.1)	46	(6.9)	41	(5.1)	25	(4.8)
Hungary	18.9	(5.2)	38.2	(5.4)	42.8	(6.1)	55	(8.5)	44	(8.1)	90	(7.5)	78	(6.7)
Iceland	5.9	(0.1)	48.4	(0.4)	45.7	(0.4)	20	(4.4)	9	(4.8)	36	(3.2)	24	(3.5)
Ireland	29.5	(5.3)	26.1	(6.7)	44.5	(6.5)	65	(5.8)	49	(5.6)	31	(3.9)	15	(3.4)
Israel	21.7	(5.1)	53.3	(6.7)	25.0	(5.7)	69	(9.7)	55	(9.1)	62	(9.8)	43	(9.5)
Italy	18.2	(3.1)	41.4	(4.1)	40.4	(3.4)	56	(4.4)	49	(4.6)	59	(4.6)	53	(4.7)
Japan	22.5	(2.9)	43.5	(4.2)	34.0	(3.1)	66	(8.8)	60	(8.3)	60	(7.3)	54	(7.1)
Korea	24.4	(2.5)	50.1	(3.9)	25.5	(3.6)	65	(8.3)	57	(8.4)	55	(9.8)	45	(9.9)
Luxembourg	0.0	c	0.0	c	0.0	c	53	(2.6)	41	(2.9)	48	(3.1)	35	(3.6)
Mexico	7.9	(1.5)	36.5	(3.1)	55.6	(3.0)	25	(3.4)	18	(3.5)	42	(3.0)	32	(2.7)
Netherlands	22.8	(5.5)	44.2	(7.5)	33.0	(7.1)	87	(8.2)	79	(8.1)	65	(9.9)	58	(9.9)
New Zealand	14.1	(3.8)	47.0	(5.8)	38.9	(4.6)	54	(6.6)	32	(5.6)	60	(6.2)	36	(6.2)
Norway	10.4	(5.2)	50.9	(7.3)	38.7	(7.6)	16	(8.1)	5	(7.9)	43	(5.6)	28	(5.3)
Poland	6.6	(4.6)	33.4	(9.4)	60.0	(9.5)	29	(5.1)	12	(5.2)	53	(8.1)	31	(7.5)
Portugal	29.8	(8.2)	29.5	(9.0)	40.7	(8.7)	54	(8.3)	36	(8.0)	47	(6.8)	17	(5.6)
Slovak Republic	6.9	(4.9)	33.9	(6.2)	59.3	(6.4)	65	(7.5)	43	(7.1)	86	(7.7)	66	(7.4)
Slovenia	22.1	(0.8)	38.0	(1.6)	39.9	(1.3)	54	(2.7)	47	(3.0)	87	(3.0)	80	(3.0)
Spain	18.7	(3.6)	42.8	(4.2)	38.4	(3.6)	34	(3.4)	19	(3.7)	39	(3.4)	18	(3.7)
Sweden	12.6	(4.4)	45.8	(7.7)	41.6	(6.9)	21	(6.5)	9	(5.8)	34	(6.2)	16	(6.0)
Switzerland	14.1	(5.7)	37.1	(8.4)	48.8	(8.5)	20	(6.4)	9	(6.3)	76	(6.7)	60	(6.7)
Turkey	32.2	(5.4)	42.4	(5.5)	25.4	(4.4)	33	(7.2)	26	(7.3)	94	(12.8)	81	(13.1)
United Kingdom	29.3	(6.3)	42.4	(6.7)	28.2	(4.8)	39	(9.1)	24	(7.6)	63	(7.0)	45	(6.6)
United States	35.8	(6.1)	31.9	(7.1)	32.3	(6.2)	50	(7.2)	34	(7.7)	34	(6.5)	14	(6.0)
OECD average	19.2	(0.8)	40.0	(1.1)	37.9	(1.0)	47	(1.1)	34	(1.1)	57	(1.1)	41	(1.1)
Partners														
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	32.8	(5.4)	30.5	(5.7)	36.6	(5.9)	46	(7.8)	39	(7.5)	47	(8.1)	35	(7.9)
Brazil	12.1	(2.1)	47.4	(3.3)	40.6	(3.2)	15	(3.4)	8	(3.4)	76	(6.0)	58	(5.1)
Bulgaria	14.6	(3.8)	32.2	(5.8)	53.2	(4.8)	44	(7.2)	32	(6.8)	85	(7.0)	70	(6.5)
Colombia	12.5	(2.6)	44.1	(4.6)	43.4	(4.1)	32	(5.3)	23	(5.2)	48	(6.2)	33	(6.0)
Costa Rica	5.7	(4.0)	53.2	(8.4)	41.2	(8.2)	30	(5.1)	19	(5.0)	59	(7.5)	41	(7.1)
Croatia	12.4	(3.9)	47.4	(4.3)	40.3	(3.4)	33	(6.9)	26	(6.8)	83	(10.3)	73	(10.3)
Cyprus*	18.2	(0.2)	24.0	(0.1)	57.8	(0.2)	43	(2.8)	32	(2.8)	45	(3.0)	27	(3.2)
Hong Kong-China	35.3	(3.4)	40.2	(3.8)	24.5	(3.6)	63	(8.5)	59	(8.4)	42	(9.5)	35	(9.1)
Indonesia	6.1	(3.8)	28.5	(8.6)	65.4	(9.0)	-2	(7.9)	-5	(8.1)	59	(9.9)	44	(8.9)
Jordan	11.9	(3.6)	55.7	(5.6)	32.4	(4.3)	14	(6.5)	8	(6.1)	62	(9.9)	48	(9.5)
Kazakhstan	8.9	(3.7)	39.5	(5.9)	51.6	(6.0)	13	(9.3)	5	(9.2)	38	(7.1)	28	(6.9)
Latvia	4.5	(2.6)	38.2	(6.5)	57.2	(6.5)	29	(6.1)	13	(5.7)	54	(5.4)	37	(5.3)
Liechtenstein	0.0	c	0.0	c	0.0	c	c	c	c	c	c	c	c	c
Lithuania	5.0	(2.4)	48.2	(5.6)	46.8	(5.2)	45	(5.9)	30	(5.9)	59	(6.7)	47	(6.4)
Macao-China	51.8	(0.1)	17.3	(0.0)	30.9	(0.1)	8	(3.1)	5	(3.3)	24	(3.0)	19	(3.0)
Malaysia	6.9	(3.8)	40.3	(7.9)	52.8	(8.0)	21	(5.3)	12	(5.1)	65	(7.7)	50	(7.4)
Montenegro	30.9	(0.2)	26.3	(0.3)	42.8	(0.2)	50	(3.2)	45	(3.3)	41	(3.0)	32	(3.1)
Peru	5.8	(2.4)	32.2	(5.1)	62.0	(5.3)	40	(5.3)	28	(5.1)	71	(6.9)	53	(5.7)
Qatar	22.1	(0.1)	17.1	(0.1)	60.7	(0.1)	-9	(1.8)	-14	(2.1)	68	(2.0)	59	(2.2)
Romania	15.2	(4.7)	39.7	(6.1)	45.1	(6.2)	31	(6.8)	21	(6.8)	71	(7.8)	51	(6.6)
Russian Federation	8.6	(2.8)	41.6	(4.8)	49.8	(4.7)	23	(8.3)	10	(8.2)	49	(6.6)	33	(6.1)
Serbia	22.4	(4.7)	37.2	(5.4)	40.4	(5.1)	46	(7.7)	41	(7.6)	80	(9.8)	72	(9.6)
Shanghai-China	29.4	(3.1)	37.4	(3.7)	33.2	(3.1)	70	(8.0)	58	(7.8)	68	(8.2)	60	(8.1)
Singapore	30.5	(0.3)	45.5	(0.6)	24.1	(0.7)	35	(3.4)	25	(3.3)	93	(4.4)	73	(4.6)
Chinese Taipei	23.2	(3.6)	40.1	(5.3)	36.7	(4.0)	74	(7.3)	60	(6.7)	82	(8.6)	61	(8.6)
Thailand	12.2	(3.4)	29.6	(4.9)	58.2	(5.7)	11	(6.5)	9	(6.4)	56	(7.0)	37	(6.5)
Tunisia	14.4	(6.3)	36.9	(8.4)	48.7	(7.7)	27	(7.6)	22	(7.7)	60	(10.3)	46	(9.1)
United Arab Emirates	13.1	(2.0)	39.1	(2.8)	47.8	(2.9)	37	(4.7)	28	(4.5)	50	(6.5)	39	(6.5)
Uruguay	22.8	(4.4)	35.2	(3.9)	41.9	(4.6)	49	(6.1)	36	(6.1)	70	(6.6)	45	(5.5)
Viet Nam	3.5	(3.5)	15.4	(5.8)	81.1	(6.4)	46	(8.7)	38	(9.0)	49	(9.9)	33	(9.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. Advantaged (disadvantaged) schools are those where the typical student in the school, or the socio-economic profile of the school, is above (below) the ESCS of the typical student in the country/economy, the country mean ESCS. In each school, a random sample of 35 students are to take part in PISA (for more details see the *PISA 2012 Technical Report*, OECD, forthcoming). The socio-economic profile of the school is calculated using the information provided by these students. Therefore, the precision of the estimate depends on the number of students that actually take the test in the school and the diversity of their answers. This precision was taken into account when classifying schools as advantaged, disadvantaged or average. If the difference between the school socio-economic profile and the ESCS of the typical student in the country/economy (the mean ESCS at the country level) was not statistically significant, the school was classified as a school with an average socio-economic profile. If the school profile was statistically significantly above the country mean, the school is classified as a socio-economically advantaged school. If the profile was below the country mean, the school is classified as a socio-economically disadvantaged school.

* See notes at the beginning of this Annex.

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[Part4/4]

Mathematics performance and student population, by schools' socio-economic profileTable II.4.2 *Results based on students' self-reports*

	Relative risk and population relevance of scoring in the bottom quarter of the performance distribution												Effect size						
	Students in socio-economically disadvantaged schools ²				Students in socio-economically average schools ²				Students in socio-economically advantaged schools ²				Mean among students in socio-economically disadvantaged schools		Mean among students in socio-economically average schools		Mean among students in socio-economically advantaged schools		
	Relative risk		Population relevance		Relative risk		Population relevance		Relative risk		Population relevance		Effect size	Effect size	Effect size	Effect size	Effect size	Effect size	
	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	
<i>OECD</i>	Australia	2.1	(0.1)	20.6	(1.7)	1.0	(0.1)	0.1	(2.6)	0.3	(0.0)	-21.0	(1.8)	-0.65	(0.04)	-0.10	(0.04)	0.79	(0.04)
	Austria	3.4	(0.4)	43.5	(5.1)	0.6	(0.1)	-17.9	(6.4)	0.2	(0.1)	-25.5	(3.7)	-1.10	(0.09)	0.28	(0.09)	0.84	(0.08)
	Belgium	4.0	(0.3)	46.4	(3.2)	0.8	(0.1)	-8.8	(3.2)	0.1	(0.0)	-41.4	(3.5)	-1.22	(0.06)	-0.04	(0.06)	1.19	(0.07)
	Canada	1.6	(0.1)	12.1	(2.0)	1.1	(0.1)	6.7	(3.1)	0.4	(0.0)	-17.2	(2.1)	-0.42	(0.06)	-0.17	(0.04)	0.61	(0.05)
	Chile	2.5	(0.3)	38.3	(5.5)	1.1	(0.2)	3.3	(3.5)	0.2	(0.0)	-37.3	(3.5)	-0.84	(0.09)	-0.25	(0.09)	1.14	(0.09)
	Czech Republic	2.6	(0.3)	25.6	(3.9)	1.0	(0.1)	-2.5	(7.1)	0.1	(0.0)	-23.9	(2.9)	-0.94	(0.10)	-0.18	(0.08)	1.40	(0.08)
	Denmark	1.9	(0.2)	16.4	(3.5)	1.0	(0.1)	1.6	(5.9)	0.3	(0.1)	-17.5	(2.6)	-0.53	(0.07)	-0.08	(0.06)	0.64	(0.06)
	Estonia	1.5	(0.1)	8.0	(2.1)	1.2	(0.1)	12.1	(4.6)	0.4	(0.0)	-15.0	(1.9)	-0.36	(0.06)	-0.21	(0.05)	0.61	(0.05)
	Finland	1.4	(0.1)	6.1	(1.6)	1.0	(0.1)	-1.7	(4.5)	0.7	(0.1)	-5.5	(1.5)	-0.28	(0.05)	0.00	(0.05)	0.27	(0.06)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	3.5	(0.4)	41.3	(4.4)	0.7	(0.1)	-13.4	(5.7)	0.1	(0.0)	-30.6	(3.4)	-1.12	(0.09)	0.00	(0.09)	1.19	(0.09)
	Greece	3.1	(0.3)	34.4	(4.1)	0.7	(0.1)	-16.4	(6.0)	0.3	(0.0)	-23.4	(4.0)	-0.93	(0.09)	0.10	(0.07)	1.75	(0.07)
	Hungary	4.0	(0.6)	48.6	(4.7)	0.8	(0.1)	-6.0	(5.3)	0.1	(0.0)	-44.0	(4.8)	-1.26	(0.11)	-0.22	(0.08)	1.53	(0.09)
	Iceland	1.6	(0.1)	9.1	(1.7)	1.2	(0.1)	10.9	(3.1)	0.5	(0.0)	-17.2	(1.7)	-0.35	(0.05)	-0.17	(0.03)	0.46	(0.04)
	Ireland	2.8	(0.2)	23.7	(3.1)	0.8	(0.1)	-13.8	(5.1)	0.4	(0.0)	-18.5	(2.7)	-0.93	(0.08)	0.09	(0.06)	0.57	(0.05)
	Israel	3.2	(0.4)	40.0	(5.0)	0.8	(0.1)	-7.7	(5.5)	0.2	(0.0)	-34.3	(5.4)	-1.04	(0.09)	0.01	(0.10)	0.98	(0.10)
	Italy	3.0	(0.2)	36.7	(2.4)	0.8	(0.1)	-7.0	(2.5)	0.2	(0.0)	-31.4	(2.9)	-0.96	(0.06)	-0.02	(0.05)	0.98	(0.05)
	Japan	3.2	(0.5)	39.5	(5.6)	0.7	(0.1)	-15.6	(5.0)	0.2	(0.1)	-26.1	(3.5)	-1.06	(0.10)	0.06	(0.08)	1.03	(0.09)
	Korea	2.8	(0.3)	32.1	(4.1)	0.7	(0.1)	-16.3	(6.5)	0.3	(0.1)	-20.2	(4.2)	-0.93	(0.10)	0.07	(0.09)	0.84	(0.11)
	Luxembourg	3.8	(0.2)	57.5	(1.8)	0.8	(0.1)	-3.6	(0.8)	0.2	(0.0)	-42.9	(1.2)	-1.04	(0.02)	0.10	(0.03)	1.05	(0.03)
	Mexico	2.2	(0.1)	29.2	(2.5)	0.9	(0.1)	-2.4	(2.3)	0.3	(0.0)	-25.4	(2.1)	-0.62	(0.04)	-0.09	(0.04)	0.77	(0.04)
	Netherlands	4.2	(0.5)	42.7	(5.3)	0.6	(0.1)	-23.5	(9.1)	0.1	(0.1)	-28.5	(6.0)	-1.42	(0.10)	0.08	(0.13)	1.16	(0.17)
	New Zealand	2.5	(0.2)	23.9	(4.0)	0.9	(0.1)	-8.9	(6.3)	0.3	(0.0)	-19.2	(3.0)	-0.77	(0.07)	-0.05	(0.08)	0.80	(0.06)
	Norway	1.4	(0.2)	3.8	(1.6)	1.3	(0.1)	19.3	(7.0)	0.4	(0.1)	-10.2	(2.1)	-0.27	(0.09)	-0.23	(0.07)	0.52	(0.06)
	Poland	1.8	(0.2)	18.8	(3.5)	1.0	(0.1)	-2.3	(5.1)	0.4	(0.1)	-16.1	(3.1)	-0.52	(0.06)	-0.09	(0.07)	0.72	(0.09)
	Portugal	2.7	(0.3)	36.3	(4.6)	0.7	(0.1)	-17.2	(6.2)	0.2	(0.1)	-18.6	(4.1)	-0.78	(0.10)	0.17	(0.08)	0.81	(0.08)
	Slovak Republic	3.0	(0.3)	35.3	(4.2)	0.9	(0.1)	-6.7	(5.2)	0.1	(0.0)	-30.0	(2.9)	-1.05	(0.08)	-0.09	(0.08)	1.26	(0.10)
	Slovenia	3.5	(0.2)	42.1	(2.3)	0.9	(0.1)	-3.8	(2.6)	0.1	(0.0)	-39.3	(1.2)	-1.17	(0.04)	-0.20	(0.03)	1.47	(0.04)
	Spain	2.0	(0.1)	23.1	(2.8)	0.9	(0.1)	-2.2	(3.0)	0.4	(0.0)	-20.8	(2.6)	-0.58	(0.04)	-0.02	(0.04)	0.63	(0.04)
	Sweden	1.5	(0.2)	8.0	(2.6)	1.1	(0.1)	6.3	(5.6)	0.5	(0.1)	-11.9	(2.7)	-0.34	(0.07)	-0.11	(0.06)	0.44	(0.07)
	Switzerland	1.8	(0.1)	17.3	(3.0)	1.2	(0.1)	10.3	(4.8)	0.2	(0.0)	-24.6	(3.2)	-0.51	(0.06)	-0.30	(0.07)	0.96	(0.08)
	Turkey	2.0	(0.2)	24.3	(4.6)	1.1	(0.1)	3.6	(4.8)	0.2	(0.1)	-24.7	(3.8)	-0.83	(0.09)	-0.26	(0.09)	1.32	(0.17)
	United Kingdom	2.1	(0.2)	21.1	(4.5)	1.0	(0.1)	1.1	(6.6)	0.3	(0.0)	-21.6	(2.7)	-0.66	(0.10)	-0.12	(0.09)	0.87	(0.08)
	United States	2.4	(0.3)	26.9	(4.9)	0.8	(0.1)	-9.0	(5.1)	0.4	(0.1)	-20.8	(3.9)	-0.76	(0.08)	0.07	(0.08)	0.61	(0.07)
	OECD average	2.6	(0.0)	28.8	(0.6)	0.9	(0.0)	-4.4	(0.9)	0.3	(0.0)	-24.8	(0.6)	-0.81	(0.01)	-0.06	(0.01)	0.89	(0.01)
<i>Partners</i>	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Argentina	3.2	(0.4)	42.1	(5.1)	0.8	(0.1)	-6.1	(5.1)	0.2	(0.0)	-35.4	(5.2)	-1.01	(0.09)	0.01	(0.11)	1.02	(0.10)
	Brazil	1.8	(0.1)	20.8	(2.9)	1.2	(0.1)	7.4	(3.1)	0.2	(0.0)	-24.0	(2.3)	-0.58	(0.05)	-0.31	(0.05)	1.14	(0.07)
	Bulgaria	3.3	(0.4)	43.6	(5.1)	1.0	(0.1)	-1.0	(3.9)	0.1	(0.0)	-42.6	(5.2)	-1.07	(0.09)	-0.23	(0.08)	1.36	(0.09)
	Colombia	2.3	(0.3)	27.0	(4.4)	1.0	(0.1)	-0.3	(4.0)	0.3	(0.0)	-27.0	(3.7)	-0.76	(0.08)	-0.11	(0.07)	0.87	(0.09)
	Costa Rica	2.4	(0.3)	27.9	(4.6)	0.9	(0.1)	-4.1	(5.8)	0.2	(0.1)	-23.1	(3.5)	-0.78	(0.08)	-0.14	(0.09)	1.09	(0.11)
	Croatia	2.3	(0.3)	30.2	(5.1)	1.0	(0.1)	-0.2	(5.4)	0.1	(0.0)	-26.2	(2.7)	-0.76	(0.08)	-0.17	(0.10)	1.26	(0.11)
	Cyprus*	2.4	(0.1)	32.3	(2.0)	0.8	(0.0)	-6.9	(1.9)	0.3	(0.0)	-23.5	(1.5)	-0.71	(0.03)	0.04	(0.03)	0.74	(0.03)
	Hong Kong-China	3.0	(0.4)	41.7	(5.6)	0.6	(0.1)	-17.9	(6.4)	0.3	(0.1)	-21.6	(5.1)	-0.88	(0.10)	0.21	(0.10)	0.81	(0.12)
	Indonesia	1.5	(0.2)	16.0	(6.4)	1.3	(0.2)	8.7	(5.1)	0.4	(0.1)	-21.2	(4.2)	-0.35	(0.12)	-0.37	(0.10)	0.83	(0.13)
	Jordan	1.5	(0.2)	8.8	(2.7)	1.3	(0.1)	14.4	(5.5)	0.3	(0.1)	-16.0	(2.3)	-0.40	(0.08)	-0.30	(0.07)	0.87	(0.10)
	Kazakhstan	1.7	(0.2)	13.8	(4.3)	1.2	(0.2)	8.5	(5.8)	0.4	(0.1)	-22.4	(4.0)	-0.40	(0.14)	-0.24	(0.10)	0.61	(0.10)
	Latvia	2.0	(0.2)	16.8	(3.0)	1.3	(0.1)	11.3	(4.7)	0.3	(0.0)	-26.9	(3.9)	-0.62	(0.08)	-0.25	(0.05)	0.81	(0.08)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	2.3	(0.2)	22.8	(3.6)	1.0	(0.1)	-0.9	(6.0)	0.2	(0.0)	-22.7	(3.2)	-0.76	(0.07)	-0.10	(0.07)	0.89	(0.08)
	Macao-China	1.4	(0.1)	16.0	(2.4)	1.1	(0.1)	1.8	(1.1)	0.6	(0.0)	-13.4	(1.2)	-0.24	(0.03)	-0.04	(0.03)	0.32	(0.03)
	Malaysia	1.8	(0.2)	18.0	(3.6)	1.3	(0.1)	9.8	(4.4)	0.3	(0.1)	-25.9	(4.0)	-0.62	(0.07)	-0.28	(0.08)	0.97	(0.10)
	Montenegro	3.2	(0.3)	46.3	(3.1)	0.8	(0.1)	-6.2	(2.4)	0.3	(0.0)	-38.0	(1.9)	-1.04	(0.04)	0.06	(0.04)	0.96	(0.03)
	Peru	3.2	(0.3)	43.5	(3.5)	0.9	(0.1)	-2.1	(3.3)	0.1	(0.0)	-40.2	(5.0)	-1.03	(0.07)	-0.17	(0.08)	1.25	(0.08)
	Qatar	1.4	(0.0)	11.9	(1.1)	1.5	(0.1)	10.6	(1.0)	0.5	(0.0)	-28.6	(1.6)	-0.37	(0.02)	-0.45	(0.02)	0.65	(0.02)
	Romania	2.5	(0.3)	30.9	(5.5)	1.1	(0.2)	2.9	(5.9)	0.1	(0.0)	-32.3	(5.4)	-0.83	(0.10)	-0.23	(0.10)	1.16	(0.10)
	Russian Federation	1.7	(0.2)	13.1	(3.3)	1.2	(0.1)	9.2	(5.5)	0.4	(0.1)	-20.5	(3.3)	-0.49	(0.09)	-0.20	(0.08)	0.68	(0.08)
	Serbia	2.7	(0.3)	35.9	(5.3)	0.9	(0.1)	-6.4	(5.7)	0.1	(0.0)	-27.4	(3.2)	-0.93	(0.09)	-0.09	(0.10)	1.26	(0.11)
	Shanghai-China	3.5	(0.4)	42.3	(5.3)	0.8	(0.1)	-8.1	(5.0)	0.2	(0.1)	-37.2	(5.1)	-1.13	(0.08)	-0.03	(0.09)	1.12	(0.11)
	Singapore	1.9	(0.1)	21.9	(1.7)	1.2	(0.1)	6.6	(2.1)	0.2	(0.0)	-24.8	(1.2)	-0.69	(0.03)	-0.20	(0.03)	1.16	(0.05)
	Chinese Taipei	3.0	(0.3)	38.0	(3.7)	0.8	(0.1)	-9.0	(4.2)	0.2	(0.0)	-29.6	(3.6)	-1.03	(0.06)	0.00	(0.07)	1.11	(0.08)
	Thailand	1.7	(0.2)	20.3	(4.4)	1.1	(0.1)	4.3	(3.5)	0.4	(0.1)	-21.6	(3.8)	-0.48	(0.08)	-0.22	(0.08)	0.77	(0.09)
	Tunisia	2.0	(0.3)	22.1	(5.5)	1.1	(0.2)												



[Part 1/2]
Inequity in access to instructional content: Formal mathematics
Results based on students' self-reports

Table II.4.3

		Formal mathematics																				
		Percentage of the variation explained by student ESCS ¹		Percentage of the variation explained by student and school mean ESCS		Percentage of the variation explained by student and school mean and standard deviation of ESCS		Mean among students in socio-economically disadvantaged schools, ² relative to the country mean ESCS		Mean among students in socio-economically average schools, ² relative to the country mean ESCS		Mean among students in socio-economically advantaged schools, ² relative to the country mean ESCS		Difference between students in disadvantaged and advantaged average schools		Difference between students in average and advantaged schools		Mean among non-immigrant students		Mean among immigrant students		
		%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	
OECD	Australia	10.5	(0.7)	13.2	(1.0)	13.7	(1.0)	1.43	(0.02)	1.66	(0.02)	2.01	(0.02)	0.23	(0.03)	0.35	(0.03)	1.62	(0.01)	1.95	(0.02)	
	Austria	15.7	(1.7)	28.0	(2.4)	28.0	(2.4)	1.13	(0.04)	1.59	(0.04)	1.97	(0.04)	0.46	(0.06)	0.38	(0.06)	1.57	(0.02)	1.41	(0.04)	
	Belgium	13.4	(1.2)	19.3	(1.6)	19.6	(1.6)	1.46	(0.04)	1.78	(0.03)	2.17	(0.02)	0.32	(0.05)	0.39	(0.03)	1.86	(0.01)	1.68	(0.04)	
	Canada	6.6	(0.7)	7.6	(0.8)	8.2	(0.8)	1.85	(0.02)	1.95	(0.01)	2.16	(0.02)	0.10	(0.03)	0.21	(0.02)	1.94	(0.01)	2.10	(0.02)	
	Chile	14.7	(1.6)	19.4	(1.8)	19.5	(1.8)	1.49	(0.02)	1.65	(0.03)	1.99	(0.03)	0.16	(0.04)	0.34	(0.05)	1.70	(0.02)	1.82	(0.10)	
	Czech Republic	8.6	(1.1)	16.3	(2.1)	17.1	(2.3)	1.59	(0.04)	1.74	(0.02)	2.16	(0.03)	0.14	(0.04)	0.42	(0.03)	1.80	(0.02)	1.84	(0.07)	
	Denmark	9.8	(1.2)	11.0	(1.4)	11.1	(1.5)	1.49	(0.04)	1.57	(0.02)	1.86	(0.03)	0.07	(0.05)	0.29	(0.04)	1.63	(0.02)	1.58	(0.03)	
	Estonia	3.0	(0.7)	3.2	(0.8)	3.1	(0.7)	1.95	(0.02)	1.99	(0.02)	2.07	(0.02)	0.05	(0.03)	0.07	(0.03)	1.99	(0.01)	2.15	(0.04)	
	Finland	5.1	(0.6)	5.1	(0.6)	6.1	(0.6)	1.58	(0.04)	1.74	(0.01)	1.75	(0.02)	0.16	(0.04)	0.01	(0.03)	1.73	(0.01)	1.48	(0.03)	
	France	13.8	(1.4)	w	w	w	w	w	w	w	w	w	w	w	w	w	w	1.91	(0.02)	1.69	(0.04)	
	Germany	11.9	(1.4)	22.5	(2.0)	22.5	(2.0)	1.31	(0.03)	1.60	(0.03)	2.05	(0.03)	0.30	(0.05)	0.45	(0.04)	1.69	(0.02)	1.47	(0.03)	
	Greece	5.4	(0.8)	6.4	(1.0)	6.4	(1.0)	1.72	(0.03)	1.94	(0.02)	2.03	(0.02)	0.23	(0.03)	0.09	(0.03)	1.93	(0.01)	1.74	(0.04)	
	Hungary	12.1	(1.5)	20.1	(2.0)	21.3	(2.1)	1.70	(0.03)	1.95	(0.03)	2.22	(0.02)	0.25	(0.05)	0.28	(0.03)	1.95	(0.02)	2.08	(0.09)	
	Iceland	3.1	(0.7)	3.6	(0.7)	3.6	(0.7)	1.07	(0.03)	1.11	(0.02)	1.26	(0.02)	0.04	(0.04)	0.15	(0.03)	1.14	(0.01)	1.18	(0.08)	
	Ireland	9.2	(1.2)	10.0	(1.3)	10.2	(1.3)	1.19	(0.03)	1.51	(0.02)	1.59	(0.02)	0.32	(0.04)	0.08	(0.03)	1.46	(0.01)	1.59	(0.04)	
	Israel	7.4	(1.2)	8.1	(1.3)	8.2	(1.3)	1.63	(0.03)	1.83	(0.04)	1.94	(0.03)	0.20	(0.05)	0.11	(0.03)	1.82	(0.02)	1.82	(0.04)	
	Italy	6.8	(0.6)	13.6	(1.2)	13.8	(1.2)	1.56	(0.02)	1.81	(0.02)	2.11	(0.03)	0.25	(0.03)	0.30	(0.03)	1.85	(0.01)	1.62	(0.02)	
	Japan	7.8	(1.3)	18.9	(2.0)	19.4	(1.9)	1.82	(0.03)	2.05	(0.02)	2.29	(0.02)	0.23	(0.04)	0.24	(0.03)	2.05	(0.02)	c	c	
	Korea	11.6	(1.3)	19.5	(2.3)	19.6	(2.2)	1.78	(0.03)	2.09	(0.02)	2.35	(0.03)	0.31	(0.04)	0.26	(0.04)	2.07	(0.02)	c	c	
	Luxembourg	12.5	(1.3)	15.9	(1.4)	16.9	(1.4)	1.25	(0.02)	1.45	(0.03)	1.70	(0.02)	0.20	(0.04)	0.26	(0.04)	1.49	(0.02)	1.41	(0.02)	
	Mexico	5.3	(0.5)	7.0	(0.7)	7.1	(0.7)	1.62	(0.02)	1.74	(0.01)	2.00	(0.02)	0.12	(0.02)	0.26	(0.02)	1.79	(0.01)	1.43	(0.05)	
	Netherlands	8.5	(1.3)	20.6	(2.8)	20.6	(2.8)	1.07	(0.03)	1.49	(0.03)	1.87	(0.04)	0.42	(0.05)	0.39	(0.05)	1.52	(0.02)	1.36	(0.07)	
	New Zealand	10.8	(1.2)	13.2	(1.4)	13.2	(1.4)	1.28	(0.05)	1.46	(0.03)	1.86	(0.04)	0.18	(0.05)	0.40	(0.05)	1.43	(0.02)	1.74	(0.04)	
	Norway	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Poland	4.7	(0.9)	4.8	(1.0)	5.1	(1.1)	1.76	(0.02)	1.82	(0.02)	1.95	(0.04)	0.06	(0.03)	0.13	(0.04)	1.84	(0.02)	c	c	
	Portugal	7.7	(1.4)	8.2	(1.5)	8.9	(1.5)	1.57	(0.04)	1.75	(0.02)	1.93	(0.03)	0.17	(0.05)	0.18	(0.04)	1.74	(0.02)	1.62	(0.04)	
	Slovak Republic	14.4	(1.6)	24.0	(2.4)	24.2	(2.4)	1.40	(0.03)	1.64	(0.02)	2.09	(0.03)	0.24	(0.03)	0.45	(0.04)	1.70	(0.01)	c	c	
	Slovenia	6.2	(1.0)	13.6	(1.4)	13.9	(1.4)	1.69	(0.02)	1.90	(0.02)	2.18	(0.02)	0.21	(0.03)	0.27	(0.02)	1.94	(0.01)	1.77	(0.05)	
Spain	13.6	(0.9)	14.4	(0.9)	14.4	(0.9)	1.67	(0.02)	1.85	(0.02)	2.12	(0.02)	0.18	(0.03)	0.27	(0.03)	1.91	(0.01)	1.60	(0.03)		
Sweden	2.2	(0.6)	2.6	(0.8)	2.6	(0.8)	0.72	(0.03)	0.73	(0.01)	0.93	(0.04)	0.00	(0.04)	0.20	(0.05)	0.76	(0.01)	0.88	(0.04)		
Switzerland	8.6	(1.0)	14.8	(2.0)	15.4	(2.1)	1.19	(0.05)	1.34	(0.04)	1.78	(0.05)	0.15	(0.06)	0.44	(0.07)	1.43	(0.02)	1.36	(0.03)		
Turkey	5.6	(1.0)	9.7	(1.5)	10.1	(1.6)	1.78	(0.02)	1.88	(0.02)	2.17	(0.02)	0.09	(0.03)	0.29	(0.03)	1.92	(0.02)	c	c		
United Kingdom	9.4	(1.0)	11.8	(1.6)	12.7	(1.4)	1.44	(0.05)	1.59	(0.02)	1.90	(0.03)	0.15	(0.06)	0.31	(0.04)	1.61	(0.02)	1.80	(0.07)		
United States	10.0	(1.3)	10.4	(1.4)	10.4	(1.4)	1.83	(0.03)	1.98	(0.03)	2.18	(0.03)	0.16	(0.04)	0.20	(0.04)	2.01	(0.02)	2.01	(0.04)		
OECD average	8.7	(0.2)	12.9	(0.3)	13.3	(0.3)	1.48	(0.01)	1.68	(0.00)	1.93	(0.00)	0.19	(0.01)	0.26	(0.01)	1.70	(0.00)	1.62	(0.01)		
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	2.10	(0.02)	m	m		
	Argentina	8.8	(1.3)	13.7	(1.8)	14.0	(1.8)	1.08	(0.03)	1.31	(0.05)	1.65	(0.05)	0.23	(0.06)	0.34	(0.07)	1.35	(0.03)	1.31	(0.07)	
	Brazil	11.7	(1.2)	18.0	(2.0)	18.0	(2.0)	1.22	(0.02)	1.31	(0.02)	1.92	(0.04)	0.09	(0.03)	0.61	(0.05)	1.44	(0.02)	1.21	(0.10)	
	Bulgaria	10.9	(1.6)	15.7	(2.2)	16.0	(2.2)	1.69	(0.03)	1.95	(0.03)	2.23	(0.02)	0.26	(0.04)	0.28	(0.04)	1.97	(0.02)	c	c	
	Colombia	10.4	(1.4)	12.6	(1.6)	12.7	(1.6)	1.57	(0.04)	1.68	(0.03)	2.04	(0.03)	0.12	(0.05)	0.36	(0.04)	1.77	(0.02)	c	c	
	Costa Rica	10.0	(1.4)	13.5	(2.1)	13.7	(2.1)	1.28	(0.04)	1.49	(0.04)	1.96	(0.06)	0.21	(0.05)	0.47	(0.07)	1.54	(0.03)	1.40	(0.11)	
	Croatia	4.9	(0.8)	7.7	(1.3)	7.8	(1.3)	1.92	(0.03)	2.05	(0.02)	2.31	(0.03)	0.13	(0.04)	0.26	(0.04)	2.07	(0.01)	2.04	(0.03)	
	Cyprus*	8.7	(1.0)	10.3	(1.0)	11.0	(1.1)	1.69	(0.02)	1.89	(0.02)	2.07	(0.02)	0.20	(0.03)	0.18	(0.03)	1.88	(0.01)	1.84	(0.04)	
	Hong Kong-China	3.5	(0.8)	3.5	(0.8)	3.5	(0.8)	1.71	(0.03)	1.89	(0.02)	1.91	(0.03)	0.18	(0.04)	0.02	(0.04)	1.87	(0.02)	1.77	(0.02)	
	Indonesia	6.2	(1.9)	9.2	(2.7)	9.2	(2.8)	1.49	(0.03)	1.51	(0.03)	1.86	(0.05)	0.02	(0.04)	0.36	(0.06)	1.60	(0.02)	c	c	
	Jordan	2.9	(0.8)	2.9	(0.8)	3.5	(0.9)	2.14	(0.05)	2.11	(0.03)	2.26	(0.06)	-0.03	(0.06)	0.14	(0.07)	2.16	(0.02)	2.22	(0.04)	
	Kazakhstan	4.3	(0.9)	5.4	(1.2)	5.5	(1.3)	1.80	(0.04)	1.97	(0.02)	2.09	(0.03)	0.17	(0.05)	0.11	(0.03)	1.98	(0.02)	1.91	(0.03)	
	Latvia	6.8	(1.3)	8.1	(1.5)	8.1	(1.6)	1.87	(0.02)	2.00	(0.02)	2.17	(0.02)	0.13	(0.03)	0.16	(0.03)	2.02	(0.01)	2.18	(0.07)	
	Liechtenstein	11.7	(5.6)	30.8	(6.0)	33.7	(5.7)	c	c	1.32	(0.06)	c	c	c	c	c	c	1.62	(0.06)	1.44	(0.09)	
	Lithuania	4.3	(0.7)	5.6	(0.9)	5.7	(0.9)	1.49	(0.03)	1.66	(0.02)	1.77	(0.02)	0.16	(0.03)	0.12	(0.03)	1.65	(0.01)	1.69	(0.07)	
	Macao-China	1.9	(0.5)	1.9	(0.5)	2.0	(0.5)	2.19	(0.01)	2.23	(0.02)	2.18	(0.02)	0.04	(0.02)	-0.05	(0.02)	2.16	(0.02)	2.22	(0.01)	
	Malaysia	7.6	(1.2)	9.1	(1.4)	9.1	(1.4)	1.43	(0.03)	1.53	(0.02)	1.82	(0.03)	0.10	(0.03)	0.29	(0.04)	1.60	(0.02)	1.53	(0.05)	
	Montenegro	2.6	(0.7)	3.9	(0.8)	4.8	(0.8)	1.78	(0.02)	1.92	(0.02)	2.01	(0.02)	0.14	(0.03)	0.09	(0.03)	1.90	(0.01)	1.83	(0.06)	
	Peru	14.4	(1.8)	17.6	(1.9)	17.7	(1.8)	1.48	(0.02)	1.76	(0.03)	2.12	(0.04)	0.27	(0.04)	0.36	(0.05)	1.80	(0.02)	c	c	
	Qatar	4.2	(0.4)	5.7	(0.5)	14.0	(0.7)	1.62	(0.02)	1.59	(0.02)	1.85	(0.02)	-0.03	(0.03)	0.26	(0.03)	1.44	(0.02)	1.98	(0.01)	
	Romania	8.4	(1.5)	11.8	(1.9)	11.9	(1.9)	1.81	(0.04)	1.97	(0.03)	2.32	(0.03)	0.17	(0.05)	0.34	(0.04)	2.02	(0.02)	c	c	
	Russian Federation	5.1	(0.7)	5.4	(0.8)	5.5	(0.8)	2.01	(0.02)	2.10	(0.01)	2.19	(0.01)	0.09	(0.02)	0.09	(0.02)	2.11	(0.01)	2.10	(0.02)	
	Serbia	5.0	(0.7)	7.0	(0.9)	7.0	(0.9)	1.87	(0.02)	2.07	(0.02)	2.21	(0.02)	0.20	(0.03)	0.14	(0.03)	2.05	(0.01)	2.01	(0.04)	
	Shanghai-China	7.9	(1.6)	10.6	(2.2)	10.7	(2.1)	2.12	(0.03)	2.33	(0.01)	2.42	(0.03)	0.20	(0.03)	0.10	(0.03)	2.30	(0.01)	c	c	
	Singapore	12.6	(1.2)	16.2	(1.2)	16.2	(1.2)	1.98	(0.02)	2.20	(0.01)	2.58	(0.02)	0.22	(0.02)	0.38	(0.02)	2.23	(0.01)	2.24	(0.02)	
	Chinese Taipei	12.8	(1.2)	17.4	(1.5)	17.4	(1.6)	1.74	(0.03)	1.98	(0.02)	2.24	(0.03)	0.24	(0.04)	0.25	(0.03)	1.98	(0.01)	c	c	
	Thailand	9																				

[Part 2/2]

Inequity in access to instructional content: Formal mathematics

Table II.4.3 Results based on students' self-reports

		Formal mathematics																																									
		Difference between non-immigrant and immigrant students			Mean among students who speak the language of assessment at home			Mean among students who do not speak the language of assessment at home			Difference between students who speak the language of assessment at home and those who do not			Mean among students in rural schools			Mean among students in town schools (small town and town)			Mean among students in urban schools (city and large city)			Difference between students in rural and town schools		Difference between students in town and urban schools		Difference between students in rural and urban schools																
		Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.																
OECD	Australia	0.33	(0.02)	1.63	(0.01)	2.07	(0.04)	-0.45	(0.04)	1.44	(0.03)	1.54	(0.02)	1.79	(0.01)	-0.10	(0.04)	-0.25	(0.02)	0.35	(0.03)	-0.15	(0.05)	1.58	(0.02)	1.41	(0.05)	1.51	(0.15)	1.46	(0.03)	1.68	(0.05)	0.05	(0.16)	-0.23	(0.06)	0.17	(0.15)				
	Austria	-0.15	(0.05)	1.58	(0.02)	1.41	(0.05)	0.17	(0.05)	1.51	(0.15)	1.46	(0.03)	1.68	(0.05)	0.05	(0.16)	-0.23	(0.06)	0.35	(0.07)	-0.19	(0.04)	1.91	(0.02)	1.59	(0.06)	0.32	(0.06)	1.92	(0.15)	1.81	(0.02)	1.88	(0.05)	0.11	(0.16)	-0.07	(0.06)	-0.05	(0.16)		
	Belgium	-0.19	(0.04)	1.91	(0.02)	1.59	(0.06)	0.32	(0.06)	1.92	(0.15)	1.81	(0.02)	1.88	(0.05)	0.05	(0.16)	-0.07	(0.06)	0.35	(0.07)	-0.19	(0.04)	1.94	(0.01)	2.13	(0.03)	-0.18	(0.03)	1.86	(0.02)	1.91	(0.01)	2.05	(0.02)	0.05	(0.03)	-0.14	(0.02)	0.19	(0.03)		
	Canada	0.16	(0.02)	1.94	(0.01)	2.13	(0.03)	-0.18	(0.03)	1.86	(0.02)	1.91	(0.01)	2.05	(0.02)	0.05	(0.03)	-0.14	(0.02)	0.19	(0.03)	-0.19	(0.04)	1.70	(0.02)	c	c	c	c	1.66	(0.04)	1.74	(0.03)	-0.26	(0.08)	-0.09	(0.05)	0.35	(0.07)				
	Chile	0.12	(0.10)	1.70	(0.02)	c	c	c	c	1.39	(0.06)	1.66	(0.04)	1.74	(0.03)	-0.26	(0.08)	-0.09	(0.05)	0.35	(0.07)	-0.19	(0.04)	1.81	(0.02)	1.87	(0.09)	-0.07	(0.09)	1.66	(0.08)	1.81	(0.02)	1.79	(0.05)	-0.15	(0.08)	0.02	(0.05)	0.13	(0.09)		
	Czech Republic	0.04	(0.07)	1.81	(0.02)	1.87	(0.09)	-0.07	(0.09)	1.66	(0.08)	1.81	(0.02)	1.79	(0.05)	-0.15	(0.08)	0.02	(0.05)	0.13	(0.09)	-0.19	(0.04)	1.63	(0.02)	1.58	(0.05)	0.05	(0.04)	1.62	(0.02)	1.72	(0.04)	-0.07	(0.04)	-0.09	(0.05)	0.16	(0.06)				
	Denmark	-0.05	(0.03)	1.63	(0.02)	1.58	(0.05)	0.05	(0.04)	1.55	(0.04)	1.62	(0.02)	1.72	(0.04)	-0.07	(0.04)	-0.09	(0.05)	0.16	(0.06)	-0.19	(0.04)	1.99	(0.01)	2.06	(0.06)	-0.08	(0.07)	1.90	(0.03)	1.99	(0.01)	2.10	(0.02)	-0.10	(0.03)	-0.11	(0.02)	0.21	(0.03)		
	Estonia	0.16	(0.04)	1.99	(0.01)	2.06	(0.06)	-0.08	(0.07)	1.90	(0.03)	1.99	(0.01)	2.10	(0.02)	-0.10	(0.03)	-0.11	(0.02)	0.21	(0.03)	-0.19	(0.04)	1.73	(0.01)	1.49	(0.03)	0.24	(0.03)	1.59	(0.09)	1.71	(0.01)	1.76	(0.02)	-0.12	(0.09)	-0.05	(0.03)	0.17	(0.09)		
	Finland	-0.24	(0.03)	1.73	(0.01)	1.49	(0.03)	0.24	(0.03)	1.59	(0.09)	1.71	(0.01)	1.76	(0.02)	-0.12	(0.09)	-0.05	(0.03)	0.17	(0.09)	-0.19	(0.04)	1.92	(0.02)	1.65	(0.06)	0.27	(0.06)	w	w	w	w	w	w	w	w	w	w				
	France	-0.23	(0.04)	1.92	(0.02)	1.65	(0.06)	0.27	(0.06)	w	w	w	w	w	w	w	w	w	w	w	w	-0.19	(0.04)	1.70	(0.02)	1.47	(0.06)	0.23	(0.07)	c	c	1.65	(0.03)	1.72	(0.05)	c	c	-0.07	(0.07)	c	c		
	Germany	-0.22	(0.04)	1.70	(0.02)	1.47	(0.06)	0.23	(0.07)	c	c	1.65	(0.03)	1.72	(0.05)	c	c	-0.07	(0.07)	c	c	-0.19	(0.04)	1.94	(0.01)	1.67	(0.06)	0.26	(0.06)	1.83	(0.05)	1.91	(0.02)	1.92	(0.03)	-0.08	(0.05)	-0.01	(0.03)	0.09	(0.05)		
	Greece	-0.19	(0.04)	1.94	(0.01)	1.67	(0.06)	0.26	(0.06)	1.83	(0.05)	1.91	(0.02)	1.92	(0.03)	-0.08	(0.05)	-0.01	(0.03)	0.09	(0.05)	-0.19	(0.04)	1.96	(0.02)	c	c	c	c	1.59	(0.12)	1.95	(0.03)	2.01	(0.04)	-0.36	(0.13)	-0.07	(0.05)	0.42	(0.13)		
	Hungary	0.12	(0.09)	1.96	(0.02)	c	c	c	c	1.59	(0.12)	1.95	(0.03)	2.01	(0.04)	-0.36	(0.13)	-0.07	(0.05)	0.42	(0.13)	-0.19	(0.04)	0.04	(0.08)	1.14	(0.01)	1.23	(0.09)	-0.09	(0.09)	1.07	(0.03)	1.12	(0.02)	1.24	(0.03)	-0.05	(0.04)	-0.12	(0.04)	0.17	(0.03)
	Iceland	0.04	(0.08)	1.14	(0.01)	1.23	(0.09)	-0.09	(0.09)	1.07	(0.03)	1.12	(0.02)	1.24	(0.03)	-0.05	(0.04)	-0.12	(0.04)	0.17	(0.03)	-0.19	(0.04)	1.46	(0.01)	1.60	(0.07)	-0.14	(0.07)	1.53	(0.03)	1.48	(0.02)	1.40	(0.04)	0.05	(0.04)	0.08	(0.04)	-0.14	(0.05)		
	Ireland	0.14	(0.04)	1.46	(0.01)	1.60	(0.07)	-0.14	(0.07)	1.53	(0.03)	1.48	(0.02)	1.40	(0.04)	0.05	(0.04)	0.08	(0.04)	-0.14	(0.05)	-0.19	(0.04)	1.82	(0.02)	1.83	(0.06)	-0.01	(0.06)	1.78	(0.04)	1.84	(0.02)	1.79	(0.05)	-0.06	(0.05)	0.05	(0.05)	0.01	(0.06)		
	Israel	0.00	(0.03)	1.82	(0.02)	1.83	(0.06)	-0.01	(0.06)	1.78	(0.04)	1.84	(0.02)	1.79	(0.05)	-0.06	(0.05)	0.05	(0.05)	0.01	(0.06)	-0.19	(0.04)	1.89	(0.01)	1.54	(0.03)	0.35	(0.03)	1.46	(0.07)	1.83	(0.02)	1.88	(0.03)	-0.37	(0.07)	-0.05	(0.03)	0.42	(0.08)		
	Italy	-0.23	(0.03)	1.89	(0.01)	1.54	(0.03)	0.35	(0.03)	1.46	(0.07)	1.83	(0.02)	1.88	(0.03)	-0.37	(0.07)	-0.05	(0.03)	0.42	(0.08)	-0.19	(0.04)	2.06	(0.02)	c	c	c	c	c	c	1.96	(0.03)	2.09	(0.02)	c	c	-0.13	(0.04)	c	c		
	Japan	c	c	2.06	(0.02)	c	c	c	c	c	c	1.96	(0.03)	2.09	(0.02)	c	c	-0.13	(0.04)	c	c	-0.19	(0.04)	2.07	(0.02)	c	c	c	c	2.04	(0.06)	2.08	(0.02)	c	c	-0.04	(0.06)	c	c				
	Korea	c	c	2.07	(0.02)	c	c	c	c	c	c	2.04	(0.06)	2.08	(0.02)	c	c	-0.04	(0.06)	c	c	-0.19	(0.04)	1.70	(0.07)	1.29	(0.03)	0.40	(0.07)	c	c	1.44	(0.01)	c	c	c	c	c	c				
	Luxembourg	-0.08	(0.02)	1.70	(0.07)	1.29	(0.03)	0.40	(0.07)	c	c	1.44	(0.01)	c	c	c	c	c	c	c	c	-0.19	(0.04)	1.79	(0.01)	1.36	(0.12)	0.43	(0.12)	1.58	(0.02)	1.75	(0.01)	1.87	(0.01)	-0.18	(0.02)	-0.12	(0.02)	0.30	(0.03)		
	Mexico	-0.35	(0.05)	1.79	(0.01)	1.36	(0.12)	0.43	(0.12)	1.58	(0.02)	1.75	(0.01)	1.87	(0.01)	-0.18	(0.02)	-0.12	(0.02)	0.30	(0.03)	-0.19	(0.04)	1.53	(0.02)	1.31	(0.08)	0.22	(0.08)	c	c	1.48	(0.03)	1.50	(0.06)	c	c	-0.02	(0.07)	c	c		
	Netherlands	-0.16	(0.07)	1.53	(0.02)	1.31	(0.08)	0.22	(0.08)	c	c	1.48	(0.03)	1.50	(0.06)	c	c	-0.02	(0.07)	c	c	-0.19	(0.04)	1.45	(0.02)	1.79	(0.05)	-0.34	(0.06)	1.12	(0.07)	1.39	(0.04)	1.66	(0.03)	-0.27	(0.08)	-0.27	(0.05)	0.53	(0.07)		
	New Zealand	0.31	(0.04)	1.45	(0.02)	1.79	(0.05)	-0.34	(0.06)	1.12	(0.07)	1.39	(0.04)	1.66	(0.03)	-0.27	(0.08)	-0.27	(0.05)	0.53	(0.07)	-0.19	(0.04)	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m		
	Norway	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	-0.19	(0.04)	1.84	(0.02)	1.73	(0.07)	0.01	(0.07)	1.70	(0.18)	1.72	(0.02)	1.75	(0.05)	-0.03	(0.18)	-0.03	(0.06)	0.05	(0.18)		
	Poland	c	c	1.84	(0.02)	c	c	c	c	1.81	(0.02)	1.82	(0.02)	1.90	(0.04)	-0.01	(0.03)	-0.07	(0.04)	0.09	(0.05)	-0.19	(0.04)	1.74	(0.02)	1.73	(0.07)	0.01	(0.07)	1.70	(0.18)	1.72	(0.02)	1.75	(0.05)	-0.03	(0.18)	-0.03	(0.06)	0.05	(0.18)		
Portugal	-0.11	(0.03)	1.74	(0.02)	1.73	(0.07)	0.01	(0.07)	1.70	(0.18)	1.72	(0.02)	1.75	(0.05)	-0.03	(0.18)	-0.03	(0.06)	0.05	(0.18)	-0.19	(0.04)	1.73	(0.02)	c	c	c	c	1.39	(0.04)	1.72	(0.02)	1.88	(0.07)	-0.33	(0.04)	-0.16	(0.07)	0.49	(0.08)			
Slovak Republic	c	c	1.73	(0.02)	c	c	c	c	1.39	(0.04)	1.72	(0.02)	1.88	(0.07)	-0.33	(0.04)	-0.16	(0.07)	0.49	(0.08)	-0.19	(0.04)	1.94	(0.01)	1.64	(0.07)	0.30	(0.07)	c	c	1.91	(0.01)	1.96	(0.02)	c	c	-0.05	(0.02)	c	c			
Slovenia	-0.17	(0.06)	1.94	(0.01)	1.64	(0.07)	0.30	(0.07)	c	c	1.91	(0.01)	1.96	(0.02)	c	c	-0.05	(0.02)	c	c	-0.19	(0.04)	1.93	(0.01)	1.59	(0.04)	0.33	(0.05)	1.78	(0.04)	1.83	(0.01)	1.95	(0.02)	-0.05	(0.04)	-0.12	(0.03)	0.17	(0.05)			
Spain	-0.31	(0.03)	1.93	(0.01)	1.59	(0.04)	0.33	(0.05)	1.78	(0.04)	1.83	(0.01)	1.95	(0.02)	-0.05	(0.04)	-0.12	(0.03)	0.17	(0.05)																							



[Part 1/1]
Correlation between student performance and selected student and school characteristics
Results based on students' self-reports

Table II.4.4

	Study behaviour		Student and teacher profile				School climate							
	Attendance in after-school lessons		Homework or other study set by your teachers		Student-teacher ratio		Proportion of teachers with a university degree		Student-related factors affecting school climate		Behavioural outcomes: Dropout		Parental pressure to achieve	
	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.
OECD	Australia	0.13 (0.02)	0.32 (0.01)	0.00 (0.02)	-0.01 (0.02)	0.27 (0.01)	-0.17 (0.01)	0.20 (0.02)						
	Austria	-0.03 (0.02)	0.17 (0.02)	-0.07 (0.04)	0.42 (0.03)	0.16 (0.04)	-0.19 (0.05)	0.14 (0.06)						
	Belgium	0.07 (0.02)	0.29 (0.02)	0.43 (0.03)	0.43 (0.03)	0.39 (0.04)	-0.34 (0.03)	0.21 (0.04)						
	Canada	-0.01 (0.02)	0.17 (0.01)	0.10 (0.02)	0.03 (0.02)	0.22 (0.02)	-0.11 (0.02)	0.17 (0.02)						
	Chile	0.04 (0.03)	0.23 (0.02)	0.06 (0.05)	0.12 (0.04)	0.33 (0.04)	-0.22 (0.04)	0.34 (0.03)						
	Czech Republic	-0.06 (0.02)	0.14 (0.02)	0.03 (0.04)	0.23 (0.05)	0.24 (0.04)	-0.12 (0.04)	0.21 (0.06)						
	Denmark	-0.11 (0.02)	0.07 (0.02)	0.07 (0.05)	0.03 (0.03)	0.17 (0.02)	-0.16 (0.05)	0.12 (0.03)						
	Estonia	-0.12 (0.02)	0.04 (0.02)	0.11 (0.02)	c c	0.08 (0.02)	-0.05 (0.03)	0.04 (0.03)						
	Finland	-0.11 (0.02)	0.05 (0.02)	0.05 (0.03)	0.05 (0.02)	0.09 (0.02)	-0.05 (0.04)	0.03 (0.02)						
	France	0.03 (0.02)	0.26 (0.02)	w w	w w	w w	w w	w w						
	Germany	-0.01 (0.02)	0.08 (0.03)	0.14 (0.04)	c c	0.30 (0.04)	-0.19 (0.05)	0.06 (0.06)						
	Greece	0.18 (0.02)	0.27 (0.02)	0.12 (0.04)	0.18 (0.05)	0.07 (0.04)	-0.32 (0.02)	0.18 (0.03)						
	Hungary	0.10 (0.02)	0.29 (0.02)	0.02 (0.06)	0.09 (0.04)	0.37 (0.05)	-0.30 (0.03)	0.40 (0.05)						
	Iceland	-0.16 (0.03)	0.05 (0.03)	0.04 (0.02)	0.05 (0.02)	0.05 (0.02)	-0.02 (0.02)	0.05 (0.02)						
	Ireland	0.08 (0.02)	0.25 (0.02)	0.15 (0.05)	0.00 (0.03)	0.21 (0.03)	-0.18 (0.04)	0.26 (0.03)						
	Israel	-0.13 (0.02)	0.14 (0.02)	-0.04 (0.07)	0.08 (0.04)	0.12 (0.05)	-0.06 (0.05)	0.25 (0.04)						
	Italy	0.06 (0.01)	0.30 (0.01)	0.34 (0.03)	0.14 (0.04)	0.31 (0.03)	-0.24 (0.03)	0.21 (0.03)						
	Japan	0.26 (0.02)	0.32 (0.02)	0.24 (0.04)	0.11 (0.04)	0.28 (0.06)	-0.34 (0.04)	0.38 (0.04)						
	Korea	0.29 (0.03)	0.32 (0.03)	0.10 (0.08)	0.01 (0.03)	0.29 (0.05)	-0.27 (0.06)	0.26 (0.05)						
	Luxembourg	-0.02 (0.02)	0.20 (0.02)	0.11 (0.01)	0.24 (0.01)	0.23 (0.01)	-0.20 (0.01)	-0.08 (0.01)						
	Mexico	0.14 (0.01)	0.33 (0.01)	0.03 (0.02)	0.00 (0.02)	0.11 (0.02)	0.00 (0.02)	0.03 (0.02)						
	Netherlands	0.08 (0.03)	0.27 (0.02)	0.41 (0.08)	0.43 (0.08)	0.27 (0.05)	-0.30 (0.04)	0.29 (0.06)						
	New Zealand	0.08 (0.03)	0.28 (0.02)	0.09 (0.04)	0.08 (0.03)	0.27 (0.03)	-0.41 (0.02)	0.25 (0.03)						
	Norway	-0.04 (0.03)	0.16 (0.02)	-0.02 (0.04)	c c	0.15 (0.03)	c c	0.11 (0.04)						
	Poland	-0.07 (0.02)	0.15 (0.02)	0.13 (0.04)	-0.01 (0.05)	0.06 (0.06)	-0.06 (0.04)	0.05 (0.05)						
	Portugal	0.10 (0.02)	0.25 (0.02)	0.23 (0.04)	-0.03 (0.06)	0.16 (0.04)	0.07 (0.04)	0.19 (0.05)						
	Slovak Republic	-0.10 (0.03)	0.13 (0.03)	-0.05 (0.05)	-0.11 (0.04)	0.19 (0.04)	-0.22 (0.04)	0.20 (0.05)						
	Slovenia	-0.11 (0.03)	0.11 (0.04)	0.18 (0.01)	0.36 (0.01)	0.27 (0.01)	-0.24 (0.01)	0.21 (0.02)						
	Spain	0.02 (0.01)	0.20 (0.01)	0.07 (0.05)	-0.03 (0.03)	0.20 (0.02)	-0.16 (0.02)	0.10 (0.02)						
	Sweden	-0.09 (0.02)	0.08 (0.02)	0.05 (0.03)	0.03 (0.03)	0.13 (0.03)	-0.19 (0.04)	0.12 (0.03)						
	Switzerland	-0.08 (0.02)	0.11 (0.02)	0.07 (0.03)	0.18 (0.04)	0.11 (0.04)	c c	-0.17 (0.03)						
	Turkey	0.07 (0.02)	0.12 (0.02)	-0.29 (0.04)	0.01 (0.07)	0.34 (0.07)	-0.23 (0.03)	0.18 (0.06)						
	United Kingdom	0.09 (0.02)	0.32 (0.02)	-0.06 (0.05)	-0.02 (0.03)	0.19 (0.05)	-0.13 (0.04)	0.22 (0.04)						
	United States	0.08 (0.02)	0.35 (0.02)	0.01 (0.04)	0.01 (0.07)	0.19 (0.05)	-0.16 (0.04)	0.18 (0.05)						
OECD average	0.02 (0.00)	0.20 (0.00)	0.08 (0.01)	0.10 (0.01)	0.23 (0.05)	-0.20 (0.03)	0.15 (0.05)							
Partners	Albania	0.03 (0.02)	0.01 (0.02)	c c	0.01 (0.02)	-0.02 (0.02)	-0.03 (0.02)	0.03 (0.02)						
	Argentina	0.03 (0.02)	0.19 (0.03)	0.02 (0.04)	0.15 (0.05)	0.31 (0.05)	-0.13 (0.04)	0.08 (0.05)						
	Brazil	0.01 (0.02)	0.17 (0.02)	-0.15 (0.02)	-0.02 (0.05)	0.23 (0.03)	-0.12 (0.03)	0.14 (0.04)						
	Bulgaria	0.13 (0.02)	0.35 (0.03)	-0.02 (0.04)	c c	0.25 (0.05)	-0.31 (0.04)	0.28 (0.05)						
	Colombia	0.19 (0.02)	0.34 (0.02)	-0.08 (0.04)	0.01 (0.07)	0.19 (0.05)	-0.04 (0.05)	0.03 (0.04)						
	Costa Rica	0.10 (0.05)	0.31 (0.03)	0.16 (0.10)	0.02 (0.10)	0.32 (0.05)	-0.35 (0.04)	0.14 (0.05)						
	Croatia	0.00 (0.02)	0.24 (0.03)	0.19 (0.05)	0.32 (0.04)	0.23 (0.05)	-0.20 (0.03)	0.15 (0.05)						
	Cyprus*	-0.01 (0.02)	0.24 (0.02)	0.34 (0.01)	-0.04 (0.01)	0.03 (0.01)	-0.25 (0.01)	0.19 (0.01)						
	Hong Kong-China	0.21 (0.02)	0.30 (0.02)	0.34 (0.05)	0.05 (0.03)	0.22 (0.05)	-0.13 (0.05)	-0.18 (0.06)						
	Indonesia	0.14 (0.02)	0.25 (0.02)	-0.04 (0.06)	0.06 (0.09)	0.16 (0.07)	0.04 (0.08)	-0.03 (0.06)						
	Jordan	-0.04 (0.02)	0.19 (0.02)	-0.09 (0.06)	0.02 (0.05)	0.12 (0.06)	-0.12 (0.03)	0.09 (0.05)						
	Kazakhstan	0.05 (0.03)	0.20 (0.03)	-0.04 (0.04)	0.03 (0.05)	-0.01 (0.05)	-0.03 (0.03)	0.10 (0.05)						
	Latvia	-0.04 (0.02)	0.15 (0.02)	0.13 (0.04)	0.03 (0.04)	0.07 (0.04)	-0.08 (0.04)	0.04 (0.04)						
	Liechtenstein	-0.03 (0.05)	0.06 (0.07)	0.56 (0.04)	0.45 (0.04)	0.12 (0.04)	c c	-0.43 (0.03)						
	Lithuania	-0.04 (0.02)	0.18 (0.02)	0.01 (0.04)	0.03 (0.03)	0.17 (0.04)	-0.15 (0.03)	0.03 (0.04)						
	Macao-China	0.12 (0.02)	0.29 (0.01)	0.20 (0.01)	-0.05 (0.01)	0.26 (0.01)	-0.26 (0.01)	-0.05 (0.01)						
	Malaysia	0.25 (0.02)	0.43 (0.02)	0.03 (0.05)	-0.07 (0.05)	0.26 (0.04)	-0.12 (0.03)	0.22 (0.05)						
	Montenegro	0.01 (0.03)	0.25 (0.02)	0.24 (0.01)	0.19 (0.01)	0.13 (0.02)	-0.13 (0.01)	0.00 (0.01)						
	Peru	0.11 (0.02)	0.24 (0.02)	0.15 (0.04)	-0.08 (0.07)	0.21 (0.04)	-0.12 (0.04)	0.13 (0.06)						
	Qatar	-0.01 (0.01)	0.32 (0.01)	0.04 (0.01)	-0.09 (0.01)	0.10 (0.01)	-0.12 (0.01)	0.29 (0.01)						
	Romania	0.17 (0.03)	0.37 (0.02)	-0.02 (0.04)	0.05 (0.08)	0.20 (0.04)	-0.25 (0.04)	0.04 (0.06)						
	Russian Federation	0.04 (0.02)	0.19 (0.02)	0.08 (0.04)	0.13 (0.04)	0.15 (0.04)	-0.04 (0.02)	0.08 (0.04)						
	Serbia	-0.03 (0.02)	0.13 (0.02)	0.18 (0.05)	0.06 (0.05)	0.21 (0.05)	-0.21 (0.04)	0.22 (0.05)						
	Shanghai-China	0.27 (0.02)	0.49 (0.02)	-0.25 (0.05)	0.20 (0.04)	0.21 (0.05)	-0.26 (0.05)	0.09 (0.06)						
	Singapore	0.22 (0.02)	0.38 (0.01)	0.04 (0.02)	0.24 (0.01)	0.35 (0.01)	-0.17 (0.01)	0.21 (0.01)						
	Chinese Taipei	0.30 (0.02)	0.42 (0.02)	-0.08 (0.04)	0.02 (0.05)	0.22 (0.04)	-0.09 (0.04)	0.17 (0.05)						
	Thailand	0.23 (0.02)	0.35 (0.02)	0.00 (0.04)	0.11 (0.04)	0.20 (0.04)	-0.29 (0.03)	0.21 (0.03)						
	Tunisia	-0.09 (0.02)	0.12 (0.02)	-0.07 (0.02)	0.14 (0.07)	-0.07 (0.06)	-0.08 (0.06)	0.17 (0.07)						
	United Arab Emirates	0.03 (0.02)	0.29 (0.02)	0.05 (0.04)	0.01 (0.04)	0.22 (0.03)	-0.14 (0.02)	0.22 (0.03)						
	Uruguay	0.04 (0.03)	0.16 (0.03)	-0.03 (0.03)	0.14 (0.07)	0.36 (0.04)	-0.18 (0.06)	0.13 (0.07)						
	Viet Nam	0.26 (0.03)	0.33 (0.02)	0.12 (0.07)	0.17 (0.07)	0.17 (0.07)	-0.21 (0.06)	0.25 (0.06)						

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 1/1]
Correlation between student socio-economic status and selected student and school characteristics
Results based on students' self-reports

Table II.4.5

	Study behaviour				Student and teacher profile				School climate						
	Attendance in after-school lessons		Homework or other study set by your teachers		Student-teacher ratio		Proportion of teachers with a university degree		Student-related factors affecting school climate		Behavioural outcomes: Dropout		Parental pressure to achieve		
	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	
OECD	Australia	0.14	(0.01)	0.19	(0.01)	-0.03	(0.02)	0.01	(0.02)	0.28	(0.01)	-0.16	(0.01)	0.19	(0.02)
	Austria	0.11	(0.02)	0.13	(0.02)	-0.06	(0.03)	0.35	(0.03)	0.13	(0.04)	-0.12	(0.03)	0.14	(0.06)
	Belgium	0.13	(0.02)	0.20	(0.02)	0.33	(0.03)	0.33	(0.03)	0.30	(0.02)	-0.19	(0.03)	0.16	(0.03)
	Canada	0.12	(0.01)	0.15	(0.01)	0.09	(0.02)	0.01	(0.01)	0.17	(0.02)	-0.14	(0.03)	0.19	(0.02)
	Chile	0.08	(0.02)	0.13	(0.02)	-0.03	(0.04)	0.14	(0.07)	0.33	(0.04)	-0.25	(0.03)	0.33	(0.04)
	Czech Republic	0.09	(0.02)	0.12	(0.02)	0.03	(0.03)	0.15	(0.03)	0.17	(0.03)	-0.10	(0.03)	0.15	(0.04)
	Denmark	0.03	(0.03)	0.08	(0.02)	0.09	(0.04)	0.04	(0.02)	0.17	(0.02)	-0.13	(0.03)	0.17	(0.03)
	Estonia	0.06	(0.02)	0.06	(0.02)	0.22	(0.02)	c	c	0.05	(0.03)	-0.06	(0.02)	0.07	(0.03)
	Finland	0.06	(0.01)	0.08	(0.02)	0.13	(0.02)	0.01	(0.03)	0.00	(0.02)	0.00	(0.02)	0.05	(0.02)
	France	0.11	(0.02)	0.21	(0.02)	w	w	w	w	w	w	w	w	w	w
	Germany	0.11	(0.02)	0.08	(0.02)	0.11	(0.03)	m	m	0.17	(0.03)	-0.10	(0.02)	0.07	(0.04)
	Greece	0.23	(0.02)	0.17	(0.02)	0.10	(0.04)	0.11	(0.05)	0.08	(0.03)	-0.21	(0.03)	0.19	(0.03)
	Hungary	0.17	(0.02)	0.22	(0.03)	-0.03	(0.04)	0.11	(0.03)	0.30	(0.04)	-0.28	(0.03)	0.32	(0.04)
	Iceland	0.03	(0.02)	0.05	(0.02)	0.18	(0.02)	0.07	(0.02)	0.00	(0.02)	-0.03	(0.01)	0.10	(0.02)
	Ireland	0.15	(0.02)	0.18	(0.02)	0.15	(0.04)	-0.04	(0.06)	0.20	(0.03)	-0.16	(0.04)	0.27	(0.03)
	Israel	0.01	(0.02)	0.07	(0.01)	-0.02	(0.05)	0.11	(0.04)	0.07	(0.04)	-0.11	(0.04)	0.20	(0.04)
	Italy	0.18	(0.01)	0.22	(0.01)	0.22	(0.02)	0.16	(0.02)	0.22	(0.02)	-0.19	(0.02)	0.16	(0.02)
	Japan	0.22	(0.02)	0.19	(0.02)	0.15	(0.03)	0.08	(0.03)	0.16	(0.04)	-0.19	(0.03)	0.22	(0.03)
	Korea	0.33	(0.02)	0.21	(0.02)	0.13	(0.05)	0.01	(0.02)	0.12	(0.03)	-0.12	(0.05)	0.21	(0.03)
	Luxembourg	0.14	(0.02)	0.15	(0.02)	0.09	(0.01)	0.25	(0.01)	0.25	(0.01)	-0.21	(0.01)	-0.03	(0.01)
	Mexico	0.10	(0.01)	0.11	(0.01)	0.02	(0.01)	0.00	(0.03)	0.09	(0.02)	-0.02	(0.02)	0.07	(0.02)
	Netherlands	0.08	(0.02)	0.10	(0.02)	0.20	(0.05)	0.24	(0.05)	0.10	(0.03)	-0.15	(0.03)	0.18	(0.03)
	New Zealand	0.17	(0.03)	0.20	(0.02)	0.07	(0.04)	0.11	(0.03)	0.28	(0.03)	-0.42	(0.02)	0.23	(0.03)
	Norway	0.08	(0.02)	0.12	(0.02)	0.10	(0.03)	m	m	0.10	(0.02)	c	c	0.17	(0.03)
	Poland	0.06	(0.02)	0.07	(0.02)	0.03	(0.03)	-0.03	(0.04)	0.02	(0.05)	-0.02	(0.03)	0.03	(0.05)
	Portugal	0.18	(0.02)	0.19	(0.02)	0.23	(0.05)	-0.09	(0.06)	0.10	(0.05)	0.05	(0.05)	0.22	(0.05)
	Slovak Republic	0.04	(0.02)	0.11	(0.03)	0.03	(0.05)	-0.09	(0.03)	0.15	(0.03)	-0.18	(0.03)	0.19	(0.05)
	Slovenia	0.04	(0.02)	0.09	(0.02)	0.14	(0.01)	0.24	(0.01)	0.15	(0.01)	-0.13	(0.01)	0.15	(0.02)
	Spain	0.10	(0.01)	0.12	(0.02)	0.09	(0.06)	-0.02	(0.03)	0.23	(0.03)	-0.16	(0.03)	0.14	(0.03)
	Sweden	0.12	(0.02)	0.13	(0.02)	0.11	(0.03)	0.05	(0.03)	0.18	(0.03)	-0.21	(0.03)	0.17	(0.03)
	Switzerland	0.07	(0.02)	0.09	(0.02)	-0.03	(0.03)	0.09	(0.04)	0.04	(0.03)	c	c	-0.04	(0.03)
	Turkey	0.11	(0.02)	0.00	(0.02)	-0.21	(0.04)	0.02	(0.04)	0.17	(0.04)	-0.11	(0.03)	0.12	(0.04)
	United Kingdom	0.15	(0.02)	0.24	(0.02)	-0.09	(0.04)	0.00	(0.03)	0.17	(0.03)	-0.15	(0.02)	0.24	(0.03)
United States	0.15	(0.02)	0.22	(0.02)	0.01	(0.03)	-0.01	(0.07)	0.22	(0.04)	-0.17	(0.05)	0.25	(0.04)	
OECD average	0.12	(0.00)	0.14	(0.00)	0.07	(0.01)	0.08	(0.01)	0.16	(0.01)	-0.15	(0.01)	0.16	(0.01)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	0.08	(0.02)	0.10	(0.02)	0.03	(0.03)	0.10	(0.05)	0.20	(0.05)	-0.15	(0.04)	0.09	(0.05)
	Brazil	0.09	(0.02)	0.09	(0.01)	-0.13	(0.03)	-0.01	(0.04)	0.24	(0.03)	-0.14	(0.03)	0.20	(0.03)
	Bulgaria	0.20	(0.02)	0.26	(0.03)	-0.02	(0.03)	c	c	0.15	(0.04)	-0.25	(0.04)	0.27	(0.03)
	Colombia	0.16	(0.02)	0.17	(0.02)	-0.04	(0.04)	-0.02	(0.06)	0.16	(0.04)	-0.04	(0.04)	0.05	(0.05)
	Costa Rica	0.15	(0.03)	0.14	(0.02)	0.12	(0.07)	0.10	(0.10)	0.28	(0.04)	-0.27	(0.04)	0.14	(0.05)
	Croatia	0.11	(0.02)	0.15	(0.02)	0.12	(0.05)	0.21	(0.03)	0.11	(0.04)	-0.11	(0.04)	0.10	(0.04)
	Cyprus*	0.09	(0.02)	0.19	(0.02)	0.26	(0.01)	0.03	(0.02)	0.08	(0.01)	-0.14	(0.01)	0.17	(0.01)
	Hong Kong-China	0.19	(0.02)	0.10	(0.02)	0.02	(0.05)	0.02	(0.03)	0.12	(0.05)	0.01	(0.06)	-0.04	(0.05)
	Indonesia	0.14	(0.02)	0.11	(0.03)	-0.07	(0.05)	0.12	(0.04)	0.11	(0.05)	-0.12	(0.04)	-0.04	(0.05)
	Jordan	0.05	(0.02)	0.05	(0.02)	-0.04	(0.03)	0.00	(0.03)	0.03	(0.04)	-0.09	(0.04)	0.09	(0.04)
	Kazakhstan	0.14	(0.02)	0.14	(0.03)	0.12	(0.04)	0.11	(0.04)	-0.02	(0.04)	-0.02	(0.01)	0.10	(0.04)
	Latvia	0.12	(0.02)	0.14	(0.02)	0.21	(0.04)	0.10	(0.04)	0.00	(0.04)	-0.08	(0.04)	0.07	(0.04)
	Liechtenstein	0.21	(0.07)	0.16	(0.08)	0.19	(0.06)	0.17	(0.07)	0.18	(0.06)	c	c	-0.22	(0.06)
	Lithuania	0.08	(0.02)	0.12	(0.02)	0.02	(0.04)	0.03	(0.03)	0.12	(0.03)	-0.09	(0.03)	0.08	(0.04)
	Macao-China	0.15	(0.01)	0.13	(0.02)	-0.03	(0.01)	-0.05	(0.01)	0.13	(0.01)	-0.12	(0.01)	0.08	(0.01)
	Malaysia	0.17	(0.02)	0.18	(0.02)	0.05	(0.03)	-0.05	(0.04)	0.23	(0.04)	-0.12	(0.03)	0.17	(0.05)
	Montenegro	0.07	(0.02)	0.07	(0.02)	0.18	(0.01)	0.12	(0.01)	0.09	(0.01)	-0.11	(0.01)	-0.03	(0.01)
	Peru	0.15	(0.02)	0.11	(0.02)	0.13	(0.03)	-0.04	(0.07)	0.20	(0.04)	-0.10	(0.04)	0.13	(0.05)
	Qatar	0.04	(0.01)	0.11	(0.01)	0.03	(0.01)	-0.04	(0.01)	-0.01	(0.01)	-0.03	(0.01)	0.09	(0.01)
	Romania	0.18	(0.02)	0.21	(0.02)	-0.11	(0.04)	0.15	(0.03)	0.17	(0.04)	-0.15	(0.03)	0.04	(0.05)
	Russian Federation	0.11	(0.02)	0.10	(0.02)	0.19	(0.03)	0.15	(0.03)	0.11	(0.05)	-0.04	(0.02)	0.14	(0.04)
	Serbia	0.02	(0.02)	0.02	(0.02)	0.14	(0.04)	0.03	(0.03)	0.12	(0.04)	-0.10	(0.03)	0.15	(0.04)
	Shanghai-China	0.21	(0.02)	0.26	(0.02)	-0.16	(0.05)	0.15	(0.05)	0.10	(0.04)	-0.21	(0.05)	0.12	(0.04)
	Singapore	0.18	(0.02)	0.16	(0.02)	0.05	(0.05)	0.18	(0.02)	0.23	(0.01)	-0.09	(0.04)	0.19	(0.02)
	Chinese Taipei	0.28	(0.02)	0.26	(0.02)	-0.01	(0.03)	0.01	(0.03)	0.18	(0.04)	-0.10	(0.03)	0.15	(0.04)
	Thailand	0.20	(0.02)	0.16	(0.02)	0.07	(0.04)	0.02	(0.03)	0.08	(0.04)	-0.19	(0.03)	0.19	(0.04)
	Tunisia	0.13	(0.02)	0.06	(0.02)	0.03	(0.02)	0.02	(0.03)	-0.05	(0.05)	-0.11	(0.05)	0.14	(0.06)
	United Arab Emirates	0.03	(0.02)	0.09	(0.02)	-0.03	(0.03)	-0.03	(0.02)	0.06	(0.02)	-0.11	(0.02)	0.14	(0.03)
	Uruguay	0.11	(0.02)	0.07	(0.02)	-0.05	(0.04)	0.15	(0.06)	0.35	(0.04)	-0.23	(0.04)	0.16	(0.07)
Viet Nam	0.23	(0.02)	0.16	(0.03)	0.08	(0.06)	0.07	(0.06)	0.13	(0.05)	-0.17	(0.05)	0.16	(0.05)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 1/1]
Correlation between school socio-economic profile and selected student and school characteristics
 Results based on students' self-reports

Table II.4.6

	Study behaviour				Student and teacher profile				School climate						
	Attendance in after-school lessons		Homework or other study set by your teachers		Student-teacher ratio		Proportion of teachers with a university degree		Student-related factors affecting school climate		Behavioural outcomes: Dropout		Parental pressure to achieve		
	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	
OECD	Australia	0.14	(0.01)	0.25	(0.01)	-0.05	(0.04)	0.02	(0.04)	0.52	(0.02)	-0.31	(0.02)	0.36	(0.04)
	Austria	0.12	(0.03)	0.23	(0.03)	-0.11	(0.05)	0.60	(0.05)	0.23	(0.07)	-0.22	(0.06)	0.25	(0.10)
	Belgium	0.17	(0.02)	0.31	(0.02)	0.59	(0.05)	0.61	(0.04)	0.56	(0.04)	-0.36	(0.05)	0.30	(0.05)
	Canada	0.10	(0.02)	0.18	(0.02)	0.20	(0.04)	0.02	(0.03)	0.36	(0.05)	-0.31	(0.06)	0.41	(0.03)
	Chile	0.08	(0.02)	0.16	(0.02)	-0.03	(0.05)	0.19	(0.09)	0.45	(0.05)	-0.34	(0.04)	0.44	(0.05)
	Czech Republic	0.02	(0.02)	0.14	(0.02)	0.05	(0.06)	0.28	(0.06)	0.31	(0.06)	-0.18	(0.06)	0.28	(0.08)
	Denmark	0.00	(0.02)	0.05	(0.03)	0.20	(0.08)	0.09	(0.05)	0.35	(0.05)	-0.30	(0.07)	0.35	(0.07)
	Estonia	0.02	(0.02)	0.04	(0.02)	0.45	(0.04)	c	c	0.09	(0.05)	-0.12	(0.05)	0.13	(0.05)
	Finland	0.05	(0.02)	0.05	(0.02)	0.36	(0.05)	0.01	(0.07)	0.01	(0.06)	0.02	(0.06)	0.14	(0.05)
	France	0.13	(0.03)	0.29	(0.03)	w	w	w	w	w	w	w	w	w	w
	Germany	0.08	(0.03)	0.14	(0.03)	0.19	(0.05)	m	m	0.29	(0.06)	-0.18	(0.04)	0.13	(0.07)
	Greece	0.21	(0.02)	0.20	(0.02)	0.18	(0.07)	0.19	(0.09)	0.14	(0.05)	-0.37	(0.04)	0.35	(0.06)
	Hungary	0.20	(0.03)	0.32	(0.03)	-0.04	(0.07)	0.16	(0.05)	0.47	(0.06)	-0.43	(0.04)	0.49	(0.06)
	Iceland	0.05	(0.02)	0.11	(0.02)	0.42	(0.01)	0.18	(0.01)	-0.01	(0.01)	-0.07	(0.00)	0.24	(0.01)
	Ireland	0.10	(0.03)	0.15	(0.03)	0.32	(0.09)	-0.08	(0.14)	0.42	(0.06)	-0.33	(0.07)	0.56	(0.04)
	Israel	-0.06	(0.02)	0.07	(0.02)	-0.03	(0.09)	0.21	(0.07)	0.14	(0.07)	-0.20	(0.08)	0.37	(0.07)
	Italy	0.24	(0.02)	0.38	(0.02)	0.40	(0.04)	0.30	(0.03)	0.41	(0.04)	-0.35	(0.03)	0.30	(0.04)
	Japan	0.31	(0.02)	0.33	(0.02)	0.30	(0.05)	0.18	(0.07)	0.34	(0.08)	-0.39	(0.06)	0.44	(0.06)
	Korea	0.36	(0.03)	0.28	(0.03)	0.27	(0.11)	0.02	(0.05)	0.25	(0.07)	-0.24	(0.11)	0.42	(0.06)
	Luxembourg	0.06	(0.02)	0.16	(0.02)	0.17	(0.00)	0.46	(0.00)	0.47	(0.00)	-0.38	(0.00)	-0.06	(0.00)
	Mexico	0.09	(0.01)	0.16	(0.01)	0.02	(0.02)	0.01	(0.04)	0.12	(0.03)	-0.02	(0.03)	0.10	(0.04)
	Netherlands	0.12	(0.03)	0.22	(0.02)	0.43	(0.09)	0.51	(0.11)	0.21	(0.07)	-0.34	(0.06)	0.39	(0.07)
	New Zealand	0.14	(0.04)	0.24	(0.03)	0.15	(0.08)	0.21	(0.07)	0.53	(0.05)	-0.80	(0.02)	0.44	(0.06)
	Norway	0.09	(0.02)	0.12	(0.02)	0.27	(0.07)	c	c	0.28	(0.06)	c	c	0.47	(0.06)
	Poland	0.01	(0.02)	0.03	(0.02)	0.07	(0.07)	-0.07	(0.08)	0.04	(0.09)	-0.05	(0.05)	0.07	(0.09)
	Portugal	0.12	(0.03)	0.17	(0.03)	0.41	(0.07)	-0.15	(0.11)	0.17	(0.09)	0.08	(0.08)	0.38	(0.07)
	Slovak Republic	-0.01	(0.03)	0.16	(0.04)	0.04	(0.08)	-0.15	(0.05)	0.25	(0.05)	-0.28	(0.04)	0.30	(0.08)
	Slovenia	0.04	(0.03)	0.16	(0.03)	0.25	(0.01)	0.43	(0.01)	0.27	(0.01)	-0.23	(0.01)	0.27	(0.02)
	Spain	0.04	(0.01)	0.08	(0.02)	0.17	(0.11)	-0.04	(0.05)	0.45	(0.04)	-0.31	(0.05)	0.27	(0.05)
	Sweden	0.11	(0.03)	0.17	(0.03)	0.26	(0.06)	0.12	(0.06)	0.43	(0.06)	-0.49	(0.06)	0.40	(0.06)
	Switzerland	0.06	(0.02)	0.12	(0.03)	-0.07	(0.06)	0.18	(0.08)	0.08	(0.07)	c	c	-0.10	(0.07)
Turkey	0.05	(0.03)	0.04	(0.02)	-0.37	(0.06)	0.04	(0.08)	0.31	(0.07)	-0.19	(0.05)	0.21	(0.07)	
United Kingdom	0.16	(0.03)	0.31	(0.03)	-0.18	(0.10)	0.00	(0.06)	0.35	(0.06)	-0.29	(0.05)	0.48	(0.05)	
United States	0.14	(0.02)	0.25	(0.03)	0.02	(0.05)	-0.02	(0.13)	0.42	(0.06)	-0.31	(0.09)	0.47	(0.07)	
OECD average	0.10	(0.00)	0.18	(0.00)	0.16	(0.01)	0.14	(0.01)	0.30	(0.01)	-0.28	(0.01)	0.31	(0.01)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	0.04	(0.02)	0.10	(0.03)	0.05	(0.05)	0.17	(0.08)	0.33	(0.08)	-0.24	(0.07)	0.15	(0.08)
	Brazil	0.05	(0.02)	0.13	(0.02)	-0.21	(0.05)	-0.01	(0.06)	0.38	(0.04)	-0.21	(0.05)	0.31	(0.04)
	Bulgaria	0.17	(0.02)	0.33	(0.03)	-0.02	(0.05)	c	c	0.23	(0.06)	-0.39	(0.06)	0.40	(0.05)
	Colombia	0.12	(0.03)	0.18	(0.03)	-0.07	(0.06)	-0.04	(0.10)	0.25	(0.06)	-0.06	(0.06)	0.07	(0.08)
	Costa Rica	0.13	(0.04)	0.22	(0.03)	0.18	(0.11)	0.15	(0.15)	0.43	(0.07)	-0.41	(0.05)	0.22	(0.07)
	Croatia	0.10	(0.02)	0.24	(0.03)	0.22	(0.09)	0.42	(0.04)	0.20	(0.08)	-0.22	(0.07)	0.19	(0.08)
	Cyprus*	0.06	(0.02)	0.28	(0.02)	0.53	(0.00)	0.07	(0.00)	0.15	(0.00)	-0.29	(0.00)	0.35	(0.00)
	Hong Kong-China	0.20	(0.02)	0.14	(0.03)	0.04	(0.09)	0.04	(0.05)	0.21	(0.09)	0.02	(0.10)	-0.07	(0.09)
	Indonesia	0.14	(0.02)	0.16	(0.03)	-0.11	(0.08)	0.20	(0.06)	0.17	(0.08)	-0.19	(0.06)	-0.06	(0.08)
	Jordan	-0.03	(0.02)	0.04	(0.03)	-0.07	(0.07)	-0.01	(0.06)	0.06	(0.08)	-0.18	(0.07)	0.19	(0.08)
	Kazakhstan	0.08	(0.03)	0.13	(0.03)	0.22	(0.08)	0.21	(0.08)	-0.04	(0.07)	-0.04	(0.03)	0.20	(0.07)
	Latvia	0.11	(0.03)	0.17	(0.03)	0.37	(0.07)	0.16	(0.07)	0.01	(0.08)	-0.14	(0.07)	0.13	(0.07)
	Liechtenstein	0.01	(0.06)	0.12	(0.06)	0.50	(0.01)	0.46	(0.02)	0.45	(0.02)	c	c	-0.56	(0.01)
	Lithuania	0.04	(0.02)	0.16	(0.02)	0.05	(0.07)	0.05	(0.05)	0.24	(0.06)	-0.17	(0.06)	0.15	(0.07)
	Macao-China	0.15	(0.02)	0.16	(0.02)	-0.05	(0.00)	-0.09	(0.00)	0.26	(0.00)	-0.23	(0.00)	0.16	(0.00)
	Malaysia	0.11	(0.02)	0.18	(0.02)	0.08	(0.06)	-0.10	(0.07)	0.41	(0.06)	-0.23	(0.05)	0.30	(0.09)
	Montenegro	0.05	(0.02)	0.16	(0.03)	0.40	(0.01)	0.27	(0.01)	0.20	(0.01)	-0.25	(0.00)	-0.07	(0.00)
	Peru	0.08	(0.02)	0.13	(0.02)	0.20	(0.05)	-0.05	(0.11)	0.29	(0.06)	-0.14	(0.06)	0.18	(0.08)
	Qatar	-0.03	(0.01)	0.13	(0.01)	0.07	(0.00)	-0.09	(0.00)	-0.02	(0.00)	-0.06	(0.00)	0.19	(0.00)
	Romania	0.16	(0.03)	0.25	(0.03)	-0.19	(0.06)	0.24	(0.04)	0.27	(0.06)	-0.24	(0.05)	0.06	(0.07)
	Russian Federation	0.06	(0.03)	0.09	(0.03)	0.35	(0.07)	0.27	(0.07)	0.21	(0.09)	-0.07	(0.04)	0.26	(0.07)
	Serbia	0.03	(0.02)	0.10	(0.02)	0.29	(0.08)	0.07	(0.06)	0.24	(0.08)	-0.21	(0.05)	0.31	(0.08)
	Shanghai-China	0.24	(0.02)	0.35	(0.03)	-0.26	(0.07)	0.26	(0.08)	0.17	(0.07)	-0.35	(0.08)	0.19	(0.07)
	Singapore	0.13	(0.02)	0.18	(0.02)	0.11	(0.10)	0.36	(0.02)	0.47	(0.01)	-0.17	(0.07)	0.38	(0.02)
	Chinese Taipei	0.29	(0.02)	0.36	(0.03)	-0.01	(0.07)	0.02	(0.07)	0.36	(0.07)	-0.20	(0.06)	0.29	(0.07)
	Thailand	0.22	(0.02)	0.24	(0.02)	0.11	(0.07)	0.03	(0.04)	0.12	(0.06)	-0.28	(0.04)	0.30	(0.07)
	Tunisia	0.03	(0.03)	0.07	(0.03)	0.05	(0.04)	0.03	(0.06)	-0.08	(0.08)	-0.19	(0.08)	0.23	(0.10)
	United Arab Emirates	-0.03	(0.02)	0.11	(0.02)	-0.05	(0.05)	-0.05	(0.04)	0.11	(0.04)	-0.22	(0.04)	0.26	(0.05)
	Uruguay	0.09	(0.02)	0.10	(0.02)	-0.08	(0.05)	0.23	(0.09)	0.54	(0.05)	-0.35	(0.05)	0.25	(0.10)
	Viet Nam	0.21	(0.03)	0.20	(0.03)	0.12	(0.08)	0.10	(0.10)	0.20	(0.08)	-0.26	(0.08)	0.24	(0.08)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 1/1]

Correlation of the variation of students' socio-economic status within a school and selected student and school characteristicsTable II.4.7 *Results based on students' self-reports*

	Study behaviour				Student and teacher profile				School climate						
	Attendance in after-school lessons		Homework or other study set by your teachers		Student-teacher ratio		Proportion of teachers with a university degree		Student-related factors affecting school climate		Behavioural outcomes: Dropout		Parental pressure to achieve		
	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	
OECD															
Australia	0.00	(0.02)	-0.03	(0.02)	-0.01	(0.04)	-0.02	(0.03)	-0.12	(0.04)	0.05	(0.03)	-0.05	(0.05)	
Austria	-0.05	(0.03)	-0.05	(0.03)	-0.10	(0.05)	-0.02	(0.06)	0.03	(0.09)	0.00	(0.04)	0.01	(0.07)	
Belgium	-0.03	(0.02)	-0.10	(0.02)	-0.06	(0.06)	-0.14	(0.09)	-0.09	(0.06)	0.10	(0.09)	-0.14	(0.05)	
Canada	0.10	(0.02)	0.08	(0.02)	-0.19	(0.05)	0.03	(0.03)	-0.17	(0.04)	0.03	(0.06)	-0.01	(0.06)	
Chile	-0.01	(0.02)	-0.05	(0.01)	0.13	(0.08)	0.04	(0.02)	-0.13	(0.06)	0.03	(0.06)	-0.01	(0.04)	
Czech Republic	0.01	(0.03)	-0.04	(0.02)	0.12	(0.06)	0.02	(0.05)	-0.06	(0.05)	-0.17	(0.04)	-0.10	(0.07)	
Denmark	-0.03	(0.02)	-0.03	(0.01)	0.13	(0.11)	-0.18	(0.08)	0.11	(0.14)	0.01	(0.05)	-0.17	(0.05)	
Estonia	-0.03	(0.02)	-0.01	(0.04)	-0.42	(0.06)	c	c	0.13	(0.07)	-0.09	(0.02)	-0.13	(0.05)	
Finland	0.00	(0.02)	0.02	(0.02)	-0.30	(0.11)	0.16	(0.06)	-0.05	(0.05)	-0.09	(0.05)	0.13	(0.11)	
France	-0.04	(0.03)	-0.11	(0.03)	w	w	w	w	w	w	w	w	w	w	
Germany	-0.05	(0.03)	-0.07	(0.03)	-0.08	(0.07)	m	m	-0.11	(0.09)	0.43	(0.19)	-0.07	(0.07)	
Greece	-0.03	(0.03)	-0.06	(0.03)	0.00	(0.07)	-0.01	(0.12)	0.01	(0.08)	0.00	(0.09)	-0.11	(0.07)	
Hungary	-0.01	(0.02)	-0.07	(0.02)	-0.17	(0.05)	0.07	(0.03)	-0.01	(0.07)	-0.14	(0.04)	-0.03	(0.06)	
Iceland	-0.01	(0.02)	-0.05	(0.02)	-0.11	(0.01)	-0.01	(0.01)	-0.05	(0.01)	0.02	(0.01)	-0.17	(0.00)	
Ireland	0.01	(0.03)	0.00	(0.03)	-0.12	(0.09)	-0.09	(0.08)	-0.15	(0.08)	0.02	(0.10)	-0.13	(0.07)	
Israel	0.02	(0.02)	-0.09	(0.03)	-0.10	(0.09)	0.01	(0.09)	-0.12	(0.06)	0.10	(0.07)	-0.13	(0.06)	
Italy	0.01	(0.03)	0.00	(0.04)	-0.02	(0.03)	-0.09	(0.06)	0.00	(0.07)	0.02	(0.08)	0.00	(0.04)	
Japan	-0.01	(0.04)	-0.02	(0.04)	-0.01	(0.09)	-0.02	(0.06)	-0.07	(0.07)	0.12	(0.10)	-0.06	(0.08)	
Korea	-0.10	(0.04)	-0.08	(0.04)	-0.17	(0.09)	0.03	(0.02)	-0.17	(0.07)	0.01	(0.08)	-0.12	(0.07)	
Luxembourg	-0.05	(0.02)	-0.16	(0.02)	-0.11	(0.00)	-0.16	(0.00)	-0.40	(0.00)	0.14	(0.00)	-0.02	(0.00)	
Mexico	0.01	(0.01)	0.01	(0.01)	-0.01	(0.03)	0.01	(0.04)	-0.07	(0.06)	-0.03	(0.03)	0.08	(0.04)	
Netherlands	0.03	(0.03)	-0.01	(0.04)	0.06	(0.10)	-0.06	(0.08)	-0.10	(0.04)	0.26	(0.15)	0.08	(0.05)	
New Zealand	-0.01	(0.04)	-0.08	(0.02)	0.08	(0.07)	-0.05	(0.06)	-0.32	(0.05)	0.36	(0.05)	-0.18	(0.07)	
Norway	-0.02	(0.02)	-0.04	(0.02)	-0.15	(0.07)	c	c	-0.15	(0.07)	c	c	-0.09	(0.07)	
Poland	0.01	(0.02)	0.00	(0.02)	0.17	(0.08)	0.06	(0.06)	-0.09	(0.07)	-0.12	(0.06)	-0.04	(0.08)	
Portugal	0.01	(0.03)	0.04	(0.04)	-0.09	(0.09)	-0.02	(0.14)	-0.16	(0.08)	0.16	(0.06)	-0.08	(0.13)	
Slovak Republic	0.02	(0.03)	-0.03	(0.03)	-0.08	(0.07)	-0.25	(0.04)	0.12	(0.05)	-0.14	(0.04)	-0.06	(0.06)	
Slovenia	0.02	(0.02)	0.04	(0.02)	0.15	(0.05)	-0.01	(0.03)	0.07	(0.02)	-0.15	(0.02)	0.05	(0.05)	
Spain	0.02	(0.02)	0.04	(0.02)	-0.03	(0.02)	0.16	(0.02)	-0.10	(0.04)	-0.03	(0.08)	-0.20	(0.05)	
Sweden	-0.01	(0.02)	-0.04	(0.03)	-0.24	(0.08)	-0.04	(0.07)	-0.35	(0.06)	0.30	(0.10)	-0.15	(0.06)	
Switzerland	-0.03	(0.02)	-0.02	(0.02)	-0.04	(0.10)	-0.13	(0.08)	-0.10	(0.04)	c	c	0.03	(0.09)	
Turkey	0.06	(0.02)	0.06	(0.02)	-0.14	(0.08)	-0.13	(0.06)	0.32	(0.07)	-0.25	(0.06)	0.09	(0.07)	
United Kingdom	0.00	(0.04)	-0.05	(0.04)	-0.07	(0.09)	0.05	(0.03)	-0.02	(0.04)	-0.06	(0.13)	0.03	(0.07)	
United States	0.02	(0.03)	-0.01	(0.05)	0.14	(0.13)	0.08	(0.04)	0.05	(0.14)	0.01	(0.12)	-0.28	(0.13)	
OECD average	0.00	(0.00)	-0.03	(0.00)	-0.06	(0.01)	-0.02	(0.01)	-0.08	(0.01)	0.04	(0.01)	-0.06	(0.01)	
Partners															
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Argentina	0.07	(0.06)	0.07	(0.05)	-0.11	(0.07)	-0.05	(0.09)	0.16	(0.14)	0.05	(0.07)	0.06	(0.10)	
Brazil	-0.01	(0.02)	-0.02	(0.02)	-0.02	(0.06)	-0.06	(0.06)	-0.08	(0.06)	0.08	(0.07)	-0.08	(0.06)	
Bulgaria	-0.07	(0.02)	-0.12	(0.02)	0.19	(0.20)	c	c	-0.17	(0.06)	0.21	(0.07)	-0.14	(0.05)	
Colombia	-0.01	(0.03)	0.00	(0.04)	-0.03	(0.05)	0.05	(0.09)	-0.06	(0.04)	0.36	(0.17)	0.03	(0.11)	
Costa Rica	0.00	(0.05)	-0.06	(0.04)	-0.09	(0.06)	0.04	(0.08)	-0.16	(0.06)	0.01	(0.10)	-0.04	(0.10)	
Croatia	0.03	(0.02)	0.08	(0.04)	-0.01	(0.07)	0.17	(0.07)	0.06	(0.09)	-0.14	(0.06)	0.03	(0.08)	
Cyprus*	0.05	(0.02)	-0.12	(0.02)	0.06	(0.00)	-0.05	(0.00)	-0.33	(0.00)	-0.10	(0.00)	-0.20	(0.00)	
Hong Kong-China	0.01	(0.03)	0.02	(0.03)	0.22	(0.08)	-0.03	(0.08)	0.01	(0.08)	-0.06	(0.08)	-0.07	(0.08)	
Indonesia	0.02	(0.03)	-0.02	(0.03)	0.03	(0.07)	0.05	(0.12)	-0.08	(0.06)	0.05	(0.09)	-0.09	(0.08)	
Jordan	0.02	(0.02)	-0.04	(0.02)	0.10	(0.06)	-0.03	(0.07)	-0.06	(0.09)	0.08	(0.05)	-0.10	(0.08)	
Kazakhstan	-0.05	(0.02)	-0.06	(0.03)	-0.24	(0.07)	-0.14	(0.06)	-0.01	(0.08)	-0.03	(0.03)	-0.08	(0.06)	
Latvia	-0.09	(0.02)	-0.07	(0.04)	-0.29	(0.08)	-0.19	(0.07)	0.11	(0.06)	0.07	(0.10)	-0.01	(0.06)	
Liechtenstein	-0.03	(0.06)	-0.08	(0.07)	-0.14	(0.01)	-0.48	(0.03)	-0.12	(0.04)	c	c	0.19	(0.02)	
Lithuania	0.02	(0.02)	-0.03	(0.02)	0.03	(0.07)	-0.04	(0.04)	-0.11	(0.05)	-0.03	(0.07)	-0.07	(0.05)	
Macao-China	-0.04	(0.02)	-0.07	(0.02)	-0.14	(0.00)	-0.12	(0.00)	-0.15	(0.00)	0.10	(0.00)	-0.06	(0.00)	
Malaysia	-0.03	(0.02)	-0.07	(0.02)	0.07	(0.08)	0.07	(0.05)	-0.16	(0.08)	0.17	(0.08)	-0.18	(0.08)	
Montenegro	0.01	(0.02)	0.00	(0.02)	0.27	(0.00)	-0.09	(0.01)	-0.24	(0.00)	0.07	(0.00)	0.22	(0.00)	
Peru	0.01	(0.03)	-0.03	(0.03)	0.05	(0.11)	-0.21	(0.15)	-0.16	(0.07)	0.08	(0.07)	-0.03	(0.04)	
Qatar	-0.06	(0.01)	-0.23	(0.01)	-0.12	(0.00)	0.20	(0.00)	-0.10	(0.00)	0.19	(0.00)	-0.30	(0.00)	
Romania	0.04	(0.03)	-0.03	(0.03)	-0.01	(0.04)	-0.16	(0.07)	0.00	(0.05)	-0.07	(0.06)	-0.01	(0.05)	
Russian Federation	0.00	(0.04)	0.01	(0.04)	-0.40	(0.05)	-0.14	(0.05)	-0.04	(0.07)	0.07	(0.06)	-0.08	(0.05)	
Serbia	0.06	(0.03)	0.08	(0.03)	0.07	(0.08)	0.02	(0.06)	0.08	(0.08)	-0.14	(0.05)	0.20	(0.08)	
Shanghai-China	-0.03	(0.04)	-0.04	(0.06)	-0.05	(0.07)	-0.01	(0.04)	0.12	(0.08)	-0.10	(0.04)	-0.22	(0.11)	
Singapore	-0.05	(0.01)	-0.08	(0.02)	-0.08	(0.06)	-0.08	(0.01)	-0.12	(0.01)	0.10	(0.04)	-0.04	(0.01)	
Chinese Taipei	0.00	(0.03)	-0.03	(0.03)	-0.41	(0.05)	0.01	(0.06)	-0.06	(0.08)	0.01	(0.05)	0.05	(0.07)	
Thailand	0.04	(0.02)	0.04	(0.03)	0.10	(0.08)	-0.07	(0.08)	-0.07	(0.07)	0.04	(0.06)	-0.06	(0.09)	
Tunisia	-0.02	(0.03)	-0.06	(0.02)	-0.01	(0.02)	0.09	(0.09)	0.02	(0.09)	0.15	(0.10)	-0.23	(0.08)	
United Arab Emirates	0.00	(0.03)	-0.07	(0.03)	0.04	(0.05)	0.08	(0.04)	-0.10	(0.08)	-0.01	(0.05)	-0.20	(0.06)	
Uruguay	0.05	(0.03)	0.06	(0.03)	-0.02	(0.06)	-0.04	(0.07)	-0.05	(0.04)	-0.05	(0.06)	-0.09	(0.07)	
Viet Nam	0.03	(0.03)	0.02	(0.03)	-0.14	(0.09)	-0.05	(0.10)	0.07	(0.08)	-0.06	(0.09)	0.15	(0.07)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See notes at the beginning of this Annex.

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[Part 1/2]
Inequity in access to educational resources: Student-teacher ratio
 Results based on students' self-reports

Table II.4.8

	Student-teacher ratio																				
	Percentage of the variation explained by student ESCS ¹		Percentage of the variation explained by student and school mean ESCS		Percentage of the variation explained by student and school mean and standard deviation of ESCS		Mean among students in socio-economically disadvantaged schools, ² relative to the country mean ESCS		Mean among students in socio-economically average schools, ² relative to the country mean ESCS		Mean among students in socio-economically advantaged schools, ² relative to the country mean ESCS		Difference between students in average and disadvantaged schools		Difference between students in advantaged and average schools		Difference between students in disadvantaged and advantaged schools		Mean among non-immigrant students		
	%	S.E.	%	S.E.	%	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	
OECD																					
Australia	0.1	(0.1)	0.3	(0.4)	0.4	(0.5)	12.7	(0.2)	13.7	(0.1)	12.4	(0.2)	1.1	(0.2)	-1.3	(0.2)	0.3	(0.2)	13.2	(0.1)	
Austria	0.4	(0.4)	1.2	(1.1)	2.5	(1.8)	12.8	(1.3)	10.4	(0.5)	10.0	(0.4)	-2.4	(1.5)	-0.4	(0.6)	2.7	(1.4)	11.1	(0.5)	
Belgium	10.6	(1.9)	34.7	(5.5)	36.6	(5.5)	6.9	(0.2)	9.1	(0.3)	11.5	(0.2)	2.2	(0.4)	2.4	(0.4)	-4.6	(0.3)	9.4	(0.1)	
Canada	0.7	(0.3)	3.6	(1.6)	5.8	(2.3)	14.7	(0.4)	15.3	(0.3)	16.9	(0.3)	0.6	(0.5)	1.6	(0.4)	-2.2	(0.5)	15.6	(0.2)	
Chile	0.1	(0.3)	0.1	(0.5)	1.7	(2.1)	21.4	(0.7)	23.2	(1.5)	22.4	(0.8)	1.8	(1.6)	-0.7	(1.7)	-1.0	(1.1)	22.1	(0.5)	
Czech Republic	0.1	(0.2)	0.3	(0.7)	2.1	(1.8)	12.6	(0.7)	13.7	(0.4)	12.5	(0.5)	1.0	(0.8)	-1.2	(0.6)	0.1	(0.8)	13.2	(0.3)	
Denmark	0.8	(0.7)	3.7	(3.1)	6.7	(3.9)	11.1	(0.7)	12.0	(0.3)	13.4	(0.5)	0.9	(0.7)	1.4	(0.6)	-2.2	(0.8)	12.1	(0.2)	
Estonia	5.0	(1.0)	20.1	(3.6)	32.0	(4.5)	9.7	(0.4)	11.2	(0.2)	13.2	(0.2)	1.5	(0.5)	2.0	(0.3)	-3.5	(0.4)	11.4	(0.1)	
Finland	1.7	(0.6)	12.6	(3.6)	17.4	(6.0)	9.2	(0.3)	10.8	(0.2)	11.4	(0.2)	1.6	(0.3)	0.7	(0.3)	-2.3	(0.4)	10.6	(0.1)	
France	0.0	(0.1)	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	11.7	(0.2)
Germany	1.2	(0.6)	3.9	(1.9)	4.1	(2.0)	13.5	(0.5)	15.7	(0.3)	16.0	(0.9)	2.1	(0.6)	0.3	(1.0)	-2.5	(1.0)	15.1	(0.4)	
Greece	1.0	(0.8)	3.2	(2.5)	3.5	(2.7)	7.7	(0.3)	9.8	(0.5)	9.3	(0.4)	2.2	(0.6)	-0.6	(0.6)	-1.6	(0.5)	9.2	(0.3)	
Hungary	0.1	(0.3)	0.2	(0.8)	3.7	(2.0)	13.4	(0.7)	11.5	(0.5)	12.6	(0.3)	-1.9	(0.9)	1.1	(0.6)	0.9	(0.7)	12.5	(0.3)	
Iceland	3.1	(0.6)	17.7	(0.6)	18.5	(0.6)	9.8	(0.0)	10.3	(0.0)	11.7	(0.0)	0.4	(0.0)	1.4	(0.0)	-1.8	(0.0)	10.5	(0.0)	
Ireland	2.3	(1.3)	10.2	(5.6)	10.4	(5.7)	12.6	(0.5)	14.5	(0.2)	15.0	(0.4)	1.9	(0.6)	0.5	(0.4)	-2.5	(0.7)	14.3	(0.2)	
Israel	0.0	(0.2)	0.1	(0.8)	1.6	(2.3)	11.1	(0.5)	10.6	(0.4)	10.8	(0.4)	-0.6	(0.6)	0.2	(0.6)	0.3	(0.7)	11.0	(0.2)	
Italy	4.7	(0.9)	16.5	(3.2)	16.6	(3.2)	8.7	(0.2)	9.9	(0.2)	12.3	(0.2)	1.2	(0.3)	2.3	(0.3)	-3.5	(0.3)	10.4	(0.1)	
Japan	2.2	(0.8)	8.9	(3.2)	8.9	(3.4)	10.0	(0.4)	12.0	(0.5)	13.0	(0.5)	2.0	(0.7)	1.1	(0.8)	-3.1	(0.6)	11.7	(0.2)	
Korea	1.8	(1.7)	7.3	(6.7)	7.9	(7.2)	14.0	(0.5)	17.0	(0.4)	16.6	(0.7)	3.0	(0.7)	-0.4	(0.9)	-2.6	(1.0)	16.1	(0.2)	
Luxembourg	0.7	(0.2)	2.6	(0.1)	2.6	(0.1)	9.0	(0.0)	8.6	(0.0)	9.3	(0.0)	-0.4	(0.0)	0.7	(0.0)	-0.3	(0.0)	9.0	(0.0)	
Mexico	0.0	(0.0)	0.0	(0.1)	0.1	(0.1)	27.3	(0.7)	34.0	(1.9)	30.5	(1.0)	6.7	(1.9)	-3.5	(2.5)	-3.2	(1.3)	30.7	(0.8)	
Netherlands	4.0	(1.8)	17.8	(7.7)	18.9	(8.3)	14.1	(0.4)	17.6	(0.5)	18.1	(0.8)	3.4	(0.5)	0.5	(0.9)	-4.0	(0.9)	16.8	(0.4)	
New Zealand	0.5	(0.7)	1.9	(2.5)	3.8	(3.3)	14.1	(0.6)	15.4	(0.3)	15.5	(0.5)	1.3	(0.7)	0.1	(0.5)	-1.4	(0.7)	15.0	(0.2)	
Norway	1.0	(0.5)	7.3	(3.6)	8.3	(3.8)	10.7	(0.4)	10.1	(0.2)	11.6	(0.3)	-0.5	(0.4)	1.5	(0.4)	-0.9	(0.5)	10.4	(0.1)	
Poland	0.1	(0.3)	0.4	(1.1)	2.8	(3.1)	8.7	(0.3)	9.8	(0.3)	9.7	(0.4)	1.1	(0.4)	-0.1	(0.5)	-1.0	(0.5)	9.4	(0.2)	
Portugal	5.5	(2.3)	16.7	(6.1)	17.5	(6.5)	7.8	(0.4)	9.0	(0.3)	10.4	(0.4)	1.1	(0.5)	1.5	(0.5)	-2.6	(0.5)	8.9	(0.2)	
Slovak Republic	0.0	(0.2)	0.0	(0.6)	1.1	(1.3)	12.8	(0.6)	13.7	(0.4)	13.1	(0.4)	1.0	(0.7)	-0.7	(0.5)	-0.3	(0.7)	13.3	(0.3)	
Slovenia	1.9	(0.4)	6.1	(0.4)	7.7	(1.3)	9.5	(0.1)	10.2	(0.1)	12.0	(0.0)	0.8	(0.1)	1.7	(0.1)	-2.5	(0.1)	10.5	(0.0)	
Spain	0.8	(1.1)	2.7	(4.2)	2.8	(4.2)	11.6	(1.3)	11.8	(0.2)	14.7	(0.4)	0.2	(1.3)	2.8	(0.5)	-3.0	(1.4)	12.7	(0.4)	
Sweden	1.2	(0.5)	6.8	(3.2)	8.9	(4.0)	11.4	(0.5)	12.2	(0.3)	14.0	(0.5)	0.8	(0.6)	1.8	(0.6)	-2.6	(0.7)	12.5	(0.2)	
Switzerland	0.1	(0.2)	0.5	(0.9)	0.7	(1.2)	12.1	(0.6)	12.3	(0.5)	11.6	(0.5)	0.2	(0.9)	-0.7	(0.9)	0.5	(0.9)	12.2	(0.3)	
Turkey	4.3	(1.5)	13.5	(4.6)	13.6	(4.6)	20.7	(1.4)	16.9	(0.8)	14.2	(1.0)	-3.8	(1.8)	-2.8	(1.4)	6.5	(1.8)	17.4	(0.5)	
United Kingdom	0.9	(0.9)	3.6	(3.6)	4.5	(2.9)	14.5	(0.4)	15.4	(0.1)	13.8	(0.4)	0.9	(0.5)	-1.6	(0.4)	0.7	(0.6)	14.9	(0.2)	
United States	0.0	(0.1)	0.0	(0.3)	2.3	(4.6)	16.8	(1.1)	17.1	(1.1)	18.5	(2.4)	0.3	(1.5)	1.4	(2.6)	-1.7	(1.9)	17.1	(1.0)	
OECD average	1.7	(0.2)	6.6	(0.6)	8.2	(0.6)	12.5	(0.1)	13.4	(0.1)	13.8	(0.1)	0.9	(0.1)	0.4	(0.2)	-1.3	(0.1)	13.3	(0.1)	
Partners																					
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Argentina	0.1	(0.3)	0.3	(0.7)	1.5	(2.2)	9.6	(0.7)	10.7	(3.2)	11.3	(1.3)	1.1	(3.3)	0.6	(3.4)	-1.7	(1.5)	10.6	(1.2)	
Brazil	1.7	(0.9)	4.4	(2.2)	4.7	(2.3)	31.3	(1.2)	28.6	(1.1)	22.9	(1.5)	-2.7	(1.5)	-5.7	(1.9)	8.3	(2.0)	28.0	(0.7)	
Bulgaria	0.0	(0.1)	0.1	(0.3)	3.8	(9.0)	13.8	(2.8)	16.5	(3.3)	13.7	(0.7)	2.7	(4.2)	-2.8	(3.4)	0.1	(2.9)	14.6	(1.5)	
Colombia	0.2	(0.4)	0.5	(0.9)	0.8	(1.2)	26.0	(1.4)	28.8	(1.0)	25.4	(0.9)	2.7	(1.7)	-3.4	(1.2)	0.6	(1.6)	27.0	(0.6)	
Costa Rica	1.5	(2.1)	3.3	(4.7)	3.4	(4.8)	16.5	(1.0)	19.7	(1.4)	25.3	(9.1)	3.1	(1.8)	5.6	(9.2)	-8.8	(9.1)	20.4	(2.6)	
Croatia	1.3	(1.1)	5.0	(4.1)	5.1	(4.1)	12.2	(0.3)	12.2	(0.3)	14.0	(0.4)	0.0	(0.4)	1.8	(0.5)	-1.8	(0.6)	12.6	(0.2)	
Cyprus*	6.5	(0.5)	28.3	(0.3)	29.2	(0.3)	7.0	(0.0)	8.1	(0.0)	8.9	(0.0)	1.2	(0.0)	0.8	(0.0)	-1.9	(0.0)	7.9	(0.0)	
Hong Kong-China	0.0	(0.3)	0.1	(1.0)	5.6	(3.9)	14.5	(0.2)	16.4	(0.2)	15.1	(0.4)	1.9	(0.3)	-1.3	(0.5)	-0.6	(0.5)	15.4	(0.2)	
Indonesia	0.5	(0.8)	1.1	(1.9)	1.3	(2.2)	17.9	(0.9)	15.6	(1.1)	16.7	(1.0)	-2.3	(1.4)	1.1	(1.5)	1.2	(1.4)	16.9	(0.6)	
Jordan	0.1	(0.3)	0.6	(1.2)	1.3	(1.7)	16.7	(0.8)	17.9	(0.6)	15.0	(1.0)	1.2	(1.2)	-3.0	(1.1)	1.8	(1.3)	16.8	(0.4)	
Kazakhstan	1.3	(0.9)	5.0	(3.4)	7.7	(4.2)	9.2	(0.5)	10.0	(0.3)	11.0	(0.4)	0.8	(0.7)	1.0	(0.5)	-1.8	(0.7)	10.2	(0.2)	
Latvia	4.5	(1.9)	13.9	(5.6)	18.3	(6.1)	8.1	(0.4)	10.5	(0.3)	10.4	(0.4)	2.3	(0.5)	-0.1	(0.5)	-2.2	(0.6)	10.0	(0.2)	
Liechtenstein	3.6	(2.3)	24.7	(1.7)	26.8	(1.3)	c	c	7.7	(0.1)	c	c	c	c	c	c	c	c	8.2	(0.1)	
Lithuania	0.1	(0.2)	0.2	(0.9)	0.4	(1.1)	11.2	(1.9)	11.4	(0.8)	11.6	(0.3)	0.2	(2.0)	0.2	(0.8)	-0.4	(1.9)	11.4	(0.6)	
Macao-China	0.1	(0.1)	0.3	(0.0)	2.2	(0.1)	16.4	(0.0)	14.3	(0.0)	15.2	(0.0)	-2.1	(0.0)	0.9	(0.0)	1.2	(0.0)	15.3	(0.1)	
Malaysia	0.2	(0.3)	0.7	(1.1)	1.6	(2.0)	13.3	(0.3)	13.3	(0.4)	13.7	(0.5)	0.0	(0.6)	0.4	(0.7)	-0.4	(0.6)	13.4	(0.2)	
Montenegro	3.4	(0.5)	16.1	(0.7)	24.1	(0.9)	14.6	(0.0)	15.7	(0.0)	16.8	(0.0)	1.1	(0.0)	1.0	(0.0)	-2.2	(0.0)	15.7	(0.0)	
Peru	1.8	(0.8)	3.9	(1.8)	4.2	(2.1)	17.0	(0.7)	18.3	(0.9)	20.1	(1.1)	1.3	(1.2)	1.9	(1.4)	-3.1	(1.1)	18.5	(0.6)	
Qatar	0.1	(0.1)	0.4	(0.0)	1.5	(0.0)	12.5	(0.0)	11.8	(0.0)	16.0	(0.0)	-0.7	(0.0)	4.2	(0.0)	-3.5	(0.0)	13.2	(0.1)	
Romania	1.3	(0.8)	3.3	(2.2)	3.9	(2.4)	18.1	(0.9)	15.4	(0.5)	15.0	(0.7)	-2.7	(1.0)	-0.4	(0.9)	3.1	(1.1)	16.1	(0.4)	
Russian Federation	3.6	(1.3)	12.5	(4.7)	20.2	(5.0)	12.2	(0.8)	14.6	(0.4)	15.5	(0.3)	2.4	(1.0)	0.9	(0.6)	-3.3	(0.9)	14.3	(0.3)	
Serbia	2.0	(1.1)	8.4	(4.4)	8.6	(4.4)	10.5	(0.4)	11.3	(0.6)	13.3	(0.6)	0.8	(0.7)	1.9	(0.9)	-2.7	(0.8)	11.6	(0.3)	
Shanghai-China	2.5	(1.4)	6.8	(3.8)	8.8	(4.7)	14.7	(0.8)	11.8	(0.6)	10.5	(0.3)	-2.9	(1.0)	-1.3	(0.7)	4.2	(0.9)	12.2	(0.3)	
Singapore	0.3	(0.6)	1.2	(2.3)	1.4	(2.5)	14.0	(0.0)	14.3	(0.1)	15.9	(1.3)	0.3	(0.1)	1.6	(1.3)	-1.9	(1.3)	14.4	(0.1)	
Chinese Taipei	0.0	(0.1)	0.0	(0.4)	16.7	(4.4)	18.0	(0.7)	16.6	(0.5)	18.0	(0.5)	-1.4	(0.9)	1.4	(0.8)	0.0	(0.9)	17.4	(0.2)	
Thailand	0.5	(0.7)	1.2	(1.7)	2.1	(2.5)	19.8	(0.7)	20.0	(0.8)	21.1	(0.7)	0.1	(1.0)	1.2	(0.9)	-1.3	(0.9)	20.3	(0.4)	
Tunisia	0.1	(0.1)	0.3	(0.4)	0.3	(0.4)	11.4	(0.3)	11.7	(0.3)	14.1	(2.9)	0.3	(0.4)	2.4	(2.9)	-2.7	(2.9)	12.2	(0.8)	
United Arab Emirates	0.1	(0.2)	0.3	(0.6)	0.3	(0.7)	12.0	(0.4)	12.6	(0.4)	12.0	(0.5)	0.6	(0.6)	-0.6	(0.6)	0.0	(0.7)	11.0	(0.2)	
Uruguay	0.3	(0.4)	0.6	(0.9)	0.8	(1.0)	15.5	(0.6)	16.9	(0.6)	13.2	(0.7)	1.4	(0.8)	-3.7	(0.9)	2.2	(1.0)	15.5	(0.3)	
Viet Nam	0.7	(1.0)	1.5	(2.3)	5.2	(4.0)	18.0	(0.5)	19.4	(0.6)	19.2	(1.2)	1.3	(0.8)	-0.2	(1.3)	-1.2	(1.3)	18.8	(0.4)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

[Part 2/2]
Inequity in access to educational resources: Student-teacher ratio
 Results based on students' self-reports

		Student-teacher ratio																					
		Mean among immigrant students		Difference between non-immigrant and immigrant students		Mean among students who speak the language of assessment at home		Mean among students who do not speak the language of assessment at home		Difference between students who speak the language of assessment at home and those who do not		Mean among students in rural schools		Mean among students in town schools (small town and town)		Mean among students in urban schools (city and large city)		Difference between students in rural and town schools		Difference between students in town and urban schools		Difference between students in rural and urban schools	
		Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	13.2	(0.1)	0.0	(0.1)	13.2	(0.1)	13.2	(0.2)	0.0	(0.2)	11.5	(0.4)	13.5	(0.1)	13.2	(0.1)	-2.1	(0.5)	0.4	(0.2)	1.7	(0.4)
	Austria	10.7	(0.5)	-0.5	(0.5)	11.1	(0.5)	10.5	(0.6)	0.6	(0.7)	7.6	(0.6)	11.8	(0.7)	10.9	(0.8)	-4.2	(0.9)	0.8	(1.1)	3.4	(1.0)
	Belgium	9.0	(0.3)	-0.4	(0.2)	9.5	(0.1)	8.7	(0.3)	0.8	(0.3)	7.8	(1.4)	9.2	(0.2)	9.6	(0.5)	-1.4	(1.5)	-0.4	(0.5)	1.8	(1.5)
	Canada	15.7	(0.3)	0.2	(0.3)	15.6	(0.2)	15.9	(0.3)	-0.2	(0.3)	15.5	(1.1)	15.3	(0.3)	15.8	(0.3)	0.2	(1.1)	-0.5	(0.4)	0.3	(1.1)
	Chile	20.6	(1.6)	-1.6	(1.5)	22.2	(0.5)	c	c	c	c	15.2	(1.1)	21.7	(0.6)	22.8	(0.8)	-6.6	(1.2)	-1.1	(1.0)	7.6	(1.3)
	Czech Republic	12.8	(0.5)	-0.4	(0.4)	13.2	(0.3)	13.0	(0.6)	0.2	(0.5)	13.5	(1.4)	13.1	(0.3)	13.3	(0.6)	0.4	(1.4)	-0.2	(0.7)	-0.2	(1.5)
	Denmark	12.3	(0.4)	0.2	(0.4)	12.1	(0.2)	12.1	(0.4)	0.0	(0.3)	10.4	(0.5)	12.6	(0.3)	13.2	(0.7)	-2.2	(0.6)	-0.7	(0.7)	2.8	(0.9)
	Estonia	11.2	(0.3)	-0.2	(0.3)	11.4	(0.1)	11.2	(0.4)	0.1	(0.4)	8.4	(0.3)	11.9	(0.2)	13.0	(0.2)	-3.5	(0.3)	-1.1	(0.3)	4.6	(0.4)
	Finland	10.4	(0.2)	-0.2	(0.2)	10.6	(0.1)	10.4	(0.2)	0.2	(0.2)	9.1	(0.4)	10.5	(0.2)	11.3	(0.2)	-1.4	(0.4)	-0.8	(0.2)	2.2	(0.4)
	France	12.3	(0.3)	0.6	(0.3)	11.7	(0.2)	12.3	(0.3)	-0.6	(0.3)	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	14.9	(0.3)	-0.2	(0.3)	15.1	(0.4)	14.5	(0.4)	0.7	(0.5)	c	c	14.9	(0.3)	15.7	(0.9)	c	c	-0.9	(0.9)	c	c
	Greece	8.8	(0.3)	-0.4	(0.3)	9.2	(0.3)	8.6	(0.3)	0.6	(0.3)	7.9	(0.9)	9.6	(0.4)	8.6	(0.4)	-1.7	(1.0)	1.0	(0.6)	0.7	(1.0)
	Hungary	11.9	(0.4)	-0.6	(0.4)	12.5	(0.3)	c	c	c	c	9.0	(0.9)	12.6	(0.4)	12.4	(0.6)	-3.6	(1.0)	0.2	(0.7)	3.4	(1.1)
	Iceland	10.5	(0.2)	0.0	(0.2)	10.5	(0.0)	10.5	(0.2)	0.0	(0.2)	8.4	(0.0)	11.0	(0.0)	11.2	(0.0)	-2.6	(0.0)	-0.2	(0.0)	2.8	(0.0)
	Ireland	14.3	(0.3)	0.0	(0.2)	14.3	(0.2)	14.1	(0.3)	0.2	(0.3)	13.8	(0.4)	14.8	(0.2)	13.8	(0.5)	-1.0	(0.5)	1.1	(0.5)	0.0	(0.6)
	Israel	10.2	(0.2)	-0.8	(0.2)	10.9	(0.2)	10.0	(0.3)	0.9	(0.3)	10.0	(0.4)	11.4	(0.4)	10.6	(0.4)	-1.4	(0.6)	0.8	(0.6)	0.6	(0.6)
	Italy	9.7	(0.2)	-0.7	(0.2)	10.6	(0.1)	9.6	(0.2)	1.0	(0.2)	9.2	(0.8)	10.2	(0.1)	10.8	(0.2)	-0.9	(0.9)	-0.6	(0.3)	1.6	(0.9)
	Japan	c	c	c	c	11.7	(0.2)	c	c	c	c	c	c	10.5	(0.5)	12.1	(0.3)	c	c	-1.6	(0.6)	c	c
	Korea	c	c	c	c	16.1	(0.2)	c	c	c	c	c	c	14.4	(0.9)	16.5	(0.3)	c	c	-2.1	(1.0)	c	c
	Luxembourg	9.1	(0.0)	0.2	(0.0)	9.6	(0.1)	9.0	(0.0)	0.6	(0.1)	c	c	9.1	(0.0)	c	c	c	c	c	c	c	c
	Mexico	27.5	(1.5)	-3.1	(1.6)	30.8	(0.8)	25.8	(3.7)	5.0	(3.8)	22.1	(1.0)	33.7	(1.7)	30.5	(0.9)	-11.6	(2.0)	3.2	(2.0)	8.4	(1.4)
	Netherlands	16.5	(0.5)	-0.3	(0.4)	16.9	(0.4)	16.7	(0.6)	0.2	(0.5)	c	c	16.4	(0.4)	17.6	(0.6)	c	c	-1.2	(0.7)	c	c
	New Zealand	15.6	(0.3)	0.6	(0.2)	15.1	(0.2)	15.5	(0.3)	-0.4	(0.3)	11.8	(0.4)	14.7	(0.4)	15.9	(0.3)	-2.9	(0.7)	-1.2	(0.5)	4.1	(0.6)
	Norway	11.0	(0.2)	0.6	(0.2)	10.4	(0.1)	11.0	(0.2)	-0.6	(0.2)	8.9	(0.3)	10.6	(0.2)	11.5	(0.3)	-1.7	(0.4)	-1.0	(0.3)	2.7	(0.5)
	Poland	c	c	c	c	9.4	(0.2)	c	c	c	c	9.0	(0.3)	9.8	(0.3)	9.3	(0.5)	-0.8	(0.4)	0.4	(0.6)	0.4	(0.6)
	Portugal	8.6	(0.3)	-0.3	(0.3)	8.9	(0.2)	8.4	(0.4)	0.5	(0.4)	9.1	(2.1)	8.6	(0.2)	9.6	(0.4)	0.4	(2.2)	-1.0	(0.5)	0.6	(2.2)
	Slovak Republic	13.5	(0.5)	0.2	(0.6)	13.2	(0.3)	c	c	c	c	12.8	(0.4)	13.2	(0.3)	14.0	(0.8)	-0.5	(0.5)	-0.8	(0.8)	1.2	(0.9)
	Slovenia	10.9	(0.2)	0.4	(0.2)	10.5	(0.0)	11.0	(0.3)	-0.5	(0.3)	9.1	(0.5)	10.0	(0.0)	11.5	(0.1)	-0.9	(0.5)	-1.5	(0.1)	2.4	(0.5)
	Spain	11.3	(0.2)	-1.3	(0.3)	12.8	(0.4)	10.9	(0.3)	1.9	(0.5)	7.9	(0.4)	11.4	(0.2)	14.7	(1.0)	-3.5	(0.5)	-3.3	(1.1)	6.8	(1.1)
	Sweden	12.2	(0.3)	-0.3	(0.2)	12.5	(0.2)	12.1	(0.3)	0.4	(0.3)	11.7	(0.6)	12.2	(0.3)	13.6	(0.5)	-0.5	(0.7)	-1.5	(0.6)	1.9	(0.8)
	Switzerland	11.7	(0.3)	-0.5	(0.2)	12.2	(0.3)	12.0	(0.3)	0.3	(0.3)	11.5	(0.7)	12.2	(0.4)	11.5	(0.8)	-0.7	(0.8)	0.7	(1.0)	-0.1	(1.2)
	Turkey	19.2	(2.0)	1.8	(1.9)	17.0	(0.5)	c	c	c	c	23.4	(5.7)	15.3	(0.7)	18.7	(0.8)	8.2	(5.8)	-3.5	(1.1)	-4.7	(5.8)
	United Kingdom	14.0	(0.4)	-0.9	(0.4)	14.9	(0.2)	14.0	(0.6)	0.9	(0.6)	14.4	(0.7)	14.8	(0.2)	14.8	(0.3)	-0.4	(0.4)	0.0	(0.4)	0.4	(0.7)
	United States	18.8	(1.8)	1.7	(1.3)	17.1	(1.0)	18.9	(1.9)	-1.8	(1.4)	17.5	(4.7)	16.4	(0.5)	19.0	(2.2)	1.1	(4.7)	-2.6	(1.9)	1.5	(5.3)
OECD average	13.2	(0.1)	-0.2	(0.1)	13.3	(0.1)	12.6	(0.2)	0.4	(0.2)	11.7	(0.3)	13.2	(0.1)	13.9	(0.1)	-1.6	(0.3)	-0.6	(0.1)	2.0	(0.3)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	8.4	(0.5)	-2.2	(1.3)	10.6	(1.3)	c	c	c	c	5.0	(0.6)	9.4	(0.6)	13.8	(3.3)	-4.4	(0.8)	-4.5	(3.4)	8.8	(3.4)
	Brazil	27.2	(3.5)	-0.9	(3.2)	28.0	(0.7)	c	c	c	c	18.6	(3.2)	29.0	(0.8)	27.6	(1.1)	-10.3	(3.4)	1.4	(1.3)	9.0	(3.4)
	Bulgaria	c	c	c	c	14.6	(1.5)	c	c	c	c	21.0	(11.1)	15.4	(2.4)	12.7	(0.4)	5.6	(11.4)	2.8	(2.4)	-8.3	(11.1)
	Colombia	c	c	c	c	27.0	(0.6)	c	c	c	c	24.3	(2.5)	25.3	(1.0)	28.5	(0.8)	-1.1	(2.8)	-3.1	(1.3)	4.2	(2.6)
	Costa Rica	20.9	(2.1)	0.5	(1.7)	20.5	(2.7)	c	c	c	c	17.9	(2.5)	17.5	(0.6)	34.6	(13.8)	0.4	(2.5)	-17.1	(13.8)	16.7	(14.0)
	Croatia	12.6	(0.2)	0.0	(0.2)	12.6	(0.2)	c	c	c	c	12.2	(0.2)	13.3	(0.3)	c	c	-1.0	(0.4)	c	c	c	c
	Cyprus*	8.1	(0.1)	0.1	(0.1)	7.6	(0.0)	8.2	(0.1)	-0.6	(0.1)	6.7	(0.0)	8.0	(0.0)	7.9	(0.0)	-1.3	(0.0)	0.1	(0.0)	1.2	(0.0)
	Hong Kong-China	15.6	(0.1)	0.3	(0.1)	15.4	(0.2)	14.9	(0.2)	0.6	(0.3)	c	c	c	c	15.4	(0.1)	c	c	c	c	c	c
	Indonesia	c	c	c	c	17.1	(0.8)	c	c	c	c	15.6	(1.1)	17.0	(0.7)	18.2	(1.5)	-1.4	(1.2)	-1.2	(1.6)	2.6	(1.9)
	Jordan	18.9	(0.7)	2.2	(0.6)	16.8	(0.4)	17.4	(1.6)	-0.7	(1.5)	13.1	(0.8)	16.7	(0.7)	18.3	(0.6)	-3.7	(0.9)	-1.6	(0.9)	5.3	(1.0)
	Kazakhstan	9.9	(0.5)	-0.3	(0.5)	10.1	(0.2)	11.4	(0.3)	-1.3	(0.3)	7.7	(0.3)	10.2	(0.4)	11.9	(0.4)	-2.5	(0.5)	-1.7	(0.5)	4.2	(0.5)
	Latvia	10.6	(0.4)	0.7	(0.4)	9.9	(0.2)	10.0	(1.0)	0.0	(1.0)	7.5	(0.2)	10.6	(0.3)	11.1	(0.4)	-3.1	(0.4)	-0.6	(0.5)	3.7	(0.5)
	Liechtenstein	7.6	(0.1)	-0.6	(0.2)	8.3	(0.1)	c	c	c	c	c	c	8.0	(0.0)	c	c	c	c	c	c	c	c
	Lithuania	10.4	(1.3)	-1.0	(1.0)	11.6	(0.7)	c	c	c	c	12.3	(2.9)	11.6	(0.2)	10.8	(0.3)	0.7	(2.9)	0.8	(0.4)	-1.5	(2.9)
	Macao-China	15.9	(0.1)	0.6	(0.2)	15.2	(0.1)	15.7	(0.2)	-0.4	(0.2)	c	c	c	c	15.7	(0.0)	c	c	c	c	c	c
	Malaysia	14.1	(0.5)	0.7	(0.4)	12.9	(0.2)	c	c	c	c	13.1	(0.5)	13.4	(0.3)	13.7	(0.4)	-0.3	(0.7)	-0.3	(0.6)	0.6	(0.7)
	Montenegro	16.0	(0.2)	0.3	(0.2)	15.7	(0.0)	c	c	c	c	c	c	15.2	(0.0)	16.7	(0.0)	c	c	-1.6	(0.0)	c	c
	Peru	16.9	(1.5)	-1.6	(1.5)	18.7	(0.6)	c	c	c	c	13.8	(0.8)	19.1	(0.7)	19.8	(1.1)	-5.3	(1.1)	-0.7	(1.2)	6.0	(1.3)
	Qatar	14.9	(0.1)	1.7	(0.2)	10.4	(0.0)	18.1	(0.3)	-7.7	(0.3)	11.8	(0.0)	12.0	(0.0)	16.2	(0.0)	-0.3	(0.0)	-4.1	(0.0)	4.4	(0.0)
	Romania	c	c	c	c	16.1	(0.4)	c	c	c	c	16.6	(1.4)	16.5	(0.6)	15.3	(0.5)	0.1	(1.6)	1.2	(0.7)	-1.3	(1.6)
	Russian Federation	14.8	(0.3)	0.6	(0.3)	14.5	(0.3)	14.6	(0.8)	-0.1	(0.9)	8.2	(0.7)	15.1	(0.6)	16.3	(0.2)	-6.9	(0.9)	-1.2	(0.6)	8.1	(0.7)
	Serbia	11.1	(0.5)	-0.5	(0.5)	11.6	(0.3)	c	c														



[Part 1/2]
Inequity in access to educational resources: Percentage of teachers with university-level qualifications
 Results based on students' self-reports

Table II.4.9

	Percentage of teachers with a university-level qualifications																				
	Percentage of the variation explained by student ESCS ¹		Percentage of the variation explained by student and school mean ESCS		Percentage of the variance explained by student and school mean and standard deviation of ESCS		Mean among students in socio-economically disadvantaged schools, ² relative to the country mean ESCS		Mean among students in socio-economically average schools ³ , relative to the country mean ESCS		Mean among students in socio-economically advantaged schools, ² relative to the country mean ESCS		Difference between students in average and disadvantaged schools		Difference between students in advantaged and average schools		Difference between students in disadvantaged and advantaged schools		Mean among non-immigrant students		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	%	S.E.	
OECD																					
Australia	0.0	(0.0)	0.0	(0.2)	0.0	(0.2)	95.9	(1.4)	97.4	(0.9)	97.2	(1.2)	1.6	(1.7)	-0.3	(1.5)	-1.3	(1.8)	97.3	(0.6)	
Austria	12.1	(1.9)	35.7	(5.6)	36.2	(5.7)	18.3	(4.0)	60.1	(4.2)	83.3	(3.4)	41.7	(6.6)	23.2	(5.0)	-65.0	(5.3)	53.4	(1.9)	
Belgium	11.2	(1.8)	36.8	(5.0)	37.1	(5.1)	25.3	(1.9)	38.7	(1.6)	51.2	(1.4)	13.4	(2.5)	12.5	(2.0)	-25.9	(2.2)	39.6	(1.0)	
Canada	0.0	(0.0)	0.0	(0.1)	0.2	(0.3)	96.5	(0.7)	94.3	(1.1)	96.3	(1.4)	-2.1	(1.3)	2.0	(1.7)	0.1	(1.5)	94.9	(0.8)	
Chile	2.0	(2.0)	3.7	(3.7)	4.4	(4.1)	88.0	(2.5)	95.9	(1.5)	95.0	(2.5)	7.9	(2.8)	-0.9	(2.8)	-7.0	(3.5)	92.2	(1.4)	
Czech Republic	2.3	(0.9)	8.0	(3.1)	8.5	(3.2)	84.8	(1.9)	93.1	(0.8)	95.3	(1.7)	8.3	(2.3)	2.2	(2.0)	-10.5	(2.6)	91.8	(0.7)	
Denmark	0.1	(0.2)	0.7	(0.8)	3.4	(3.1)	88.6	(3.7)	86.5	(2.7)	94.3	(2.5)	-2.1	(4.4)	7.8	(3.7)	-5.7	(4.5)	88.4	(1.9)	
Estonia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Finland	0.0	(0.1)	0.0	(0.4)	2.9	(1.7)	90.9	(1.6)	92.7	(1.2)	87.4	(1.7)	1.8	(2.0)	-5.4	(2.1)	3.6	(2.4)	91.7	(0.9)	
France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
Germany	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Greece	1.2	(1.3)	3.6	(3.9)	4.0	(4.1)	85.3	(2.9)	97.6	(0.7)	93.9	(3.4)	12.3	(2.9)	-3.7	(3.5)	-8.5	(4.3)	93.7	(1.4)	
Hungary	1.1	(0.7)	2.8	(1.7)	3.8	(2.1)	98.5	(0.4)	99.2	(0.4)	99.9	(0.1)	0.7	(0.6)	0.7	(0.5)	-1.4	(0.4)	99.3	(0.2)	
Iceland	0.6	(0.3)	3.2	(0.2)	3.8	(0.2)	68.9	(0.5)	82.0	(0.2)	89.9	(0.3)	13.1	(0.5)	7.9	(0.3)	-21.1	(0.6)	81.7	(0.3)	
Ireland	0.1	(0.5)	0.7	(2.2)	1.8	(2.4)	99.4	(0.4)	99.9	(0.0)	99.2	(0.6)	0.5	(0.4)	-0.7	(0.6)	0.2	(0.7)	99.7	(0.2)	
Israel	1.3	(0.8)	4.2	(2.7)	7.0	(3.9)	81.8	(3.7)	85.7	(3.8)	91.3	(1.7)	4.0	(4.9)	5.6	(4.2)	-9.6	(4.2)	86.5	(1.8)	
Italy	2.6	(0.6)	9.0	(2.0)	9.4	(2.2)	84.3	(1.2)	88.6	(1.6)	95.7	(0.9)	4.3	(2.1)	7.1	(1.9)	-11.3	(1.6)	89.9	(0.8)	
Japan	0.7	(0.6)	2.8	(2.4)	2.9	(2.5)	99.8	(0.1)	99.9	(0.1)	100.0	(0.0)	0.1	(0.1)	0.1	(0.1)	-0.1	(0.1)	99.9	(0.0)	
Korea	0.0	(0.1)	0.0	(0.3)	0.2	(0.5)	99.8	(0.1)	99.5	(0.3)	100.0	(0.0)	-0.2	(0.3)	0.4	(0.3)	-0.2	(0.1)	99.7	(0.1)	
Luxembourg	6.0	(0.5)	21.0	(0.2)	24.3	(0.2)	88.6	(0.0)	87.4	(0.1)	97.3	(0.0)	-1.2	(0.1)	9.9	(0.1)	-8.6	(0.0)	91.6	(0.1)	
Mexico	0.0	(0.1)	0.0	(0.2)	0.0	(0.2)	87.5	(1.7)	88.9	(1.9)	87.9	(1.7)	1.5	(2.5)	-1.1	(2.7)	-0.4	(2.6)	88.1	(1.0)	
Netherlands	5.7	(2.3)	26.7	(11.6)	26.7	(11.7)	14.3	(3.1)	31.3	(2.4)	51.6	(2.9)	17.0	(4.0)	20.2	(3.9)	-37.2	(4.3)	32.9	(1.7)	
New Zealand	1.1	(0.8)	4.3	(2.9)	4.4	(3.1)	89.3	(1.1)	92.9	(1.6)	95.9	(0.7)	3.6	(2.4)	3.0	(1.8)	-6.6	(2.2)	92.9	(1.1)	
Norway	c	c	c	c	c	c	100.0	c	100.0	c	100.0	c	m	m	m	m	m	m	100.0	c	
Poland	0.1	(0.3)	0.4	(1.3)	1.1	(1.7)	95.7	(2.8)	92.7	(2.9)	91.1	(4.9)	-3.0	(4.1)	-1.6	(6.1)	4.5	(5.6)	93.2	(1.8)	
Portugal	0.7	(1.1)	2.3	(3.4)	2.3	(3.7)	70.1	(8.9)	80.4	(3.8)	53.0	(9.3)	10.3	(9.5)	-27.4	(10.4)	17.1	(13.2)	70.8	(4.1)	
Slovak Republic	0.2	(0.3)	0.6	(0.8)	0.9	(1.4)	89.2	(2.8)	89.9	(1.8)	92.4	(1.0)	0.7	(3.3)	2.5	(2.0)	-3.2	(3.0)	90.5	(1.1)	
Slovenia	5.9	(0.7)	18.9	(1.2)	19.6	(1.0)	80.4	(0.5)	87.8	(0.4)	96.8	(0.2)	7.4	(0.6)	9.0	(0.4)	-16.4	(0.5)	88.5	(0.3)	
Spain	0.0	(0.1)	0.1	(0.5)	2.6	(0.7)	95.3	(2.1)	94.1	(1.4)	94.4	(1.5)	-1.1	(2.4)	0.2	(1.9)	0.9	(1.7)	94.3	(1.3)	
Sweden	0.3	(0.3)	1.6	(1.6)	1.7	(1.8)	74.9	(7.6)	72.9	(4.2)	87.6	(4.9)	-2.0	(8.5)	14.7	(6.2)	-12.7	(8.6)	77.0	(3.3)	
Switzerland	0.7	(0.6)	3.4	(2.9)	4.6	(3.6)	58.2	(4.8)	61.3	(3.6)	77.8	(6.2)	3.1	(5.9)	16.5	(6.7)	-19.7	(7.5)	65.6	(2.9)	
Turkey	0.0	(0.2)	0.1	(0.7)	2.4	(1.5)	92.3	(2.7)	94.7	(1.4)	92.1	(3.6)	2.3	(3.1)	-2.6	(3.6)	0.3	(4.6)	93.2	(1.5)	
United Kingdom	0.0	(0.1)	0.0	(0.3)	0.3	(0.5)	96.6	(2.1)	95.0	(1.7)	96.5	(2.6)	-1.5	(2.6)	1.5	(3.0)	0.0	(3.2)	95.5	(1.3)	
United States	0.0	(0.3)	0.0	(1.0)	0.7	(1.2)	98.3	(1.1)	98.9	(0.4)	98.8	(0.8)	0.6	(1.1)	-0.2	(0.9)	-0.5	(1.8)	98.7	(0.3)	
OECD average	1.8	(0.16)	6.2	(0.6)	7.1	(0.6)	81.4	(0.6)	85.9	(0.4)	88.8	(0.5)	4.5	(0.7)	2.9	(0.7)	-7.4	(0.8)	85.5	(0.3)	
Partners																					
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	83.6	(1.6)
Argentina	1.0	(1.0)	3.0	(2.9)	3.2	(3.2)	15.4	(2.0)	13.5	(2.4)	23.8	(3.3)	-1.9	(3.1)	10.3	(4.0)	-8.4	(4.0)	17.7	(1.6)	
Brazil	0.0	(0.1)	0.0	(0.3)	0.4	(0.9)	87.9	(1.4)	86.4	(2.0)	87.1	(2.6)	-1.5	(2.6)	0.7	(3.6)	0.7	(2.8)	87.0	(1.0)	
Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Colombia	0.1	(0.4)	0.1	(1.0)	0.3	(1.4)	92.2	(2.3)	90.2	(2.2)	90.1	(2.4)	-2.0	(3.1)	-0.1	(3.4)	2.1	(3.3)	90.7	(1.3)	
Costa Rica	1.0	(2.1)	2.2	(4.6)	3.5	(5.0)	72.3	(5.4)	90.2	(1.4)	83.3	(5.5)	17.9	(5.7)	-6.9	(5.6)	-11.0	(7.6)	84.2	(2.2)	
Croatia	4.6	(1.1)	17.3	(3.6)	18.7	(4.0)	89.2	(1.3)	95.1	(0.8)	99.2	(0.4)	5.9	(1.5)	4.1	(0.9)	-9.9	(1.4)	94.3	(0.6)	
Cyprus*	0.1	(0.1)	0.5	(0.0)	0.6	(0.0)	92.9	(0.0)	95.2	(0.0)	100.0	(0.0)	2.3	(0.0)	4.8	(0.0)	-7.1	(0.0)	95.4	(0.1)	
Hong Kong-China	0.0	(0.2)	0.1	(0.6)	0.2	(0.8)	97.5	(0.4)	97.0	(1.4)	98.1	(0.5)	-0.5	(1.4)	1.2	(1.5)	-0.7	(0.7)	97.4	(0.7)	
Indonesia	1.5	(1.0)	4.2	(2.6)	4.4	(2.8)	77.7	(3.2)	81.4	(2.7)	89.3	(2.2)	3.7	(4.4)	7.9	(3.5)	-11.6	(4.1)	82.2	(1.6)	
Jordan	0.0	(0.1)	0.0	(0.3)	0.1	(0.6)	84.4	(3.6)	85.8	(2.0)	82.1	(5.1)	1.5	(4.0)	-3.8	(5.4)	2.3	(6.2)	84.5	(1.8)	
Kazakhstan	1.1	(0.8)	4.4	(3.3)	5.0	(3.6)	79.0	(4.1)	84.8	(3.3)	91.1	(2.5)	5.9	(4.5)	6.3	(4.1)	-12.2	(4.8)	86.9	(1.9)	
Latvia	0.9	(0.9)	2.9	(2.8)	5.0	(3.2)	47.5	(5.3)	47.3	(3.7)	55.8	(4.9)	-0.2	(6.5)	8.4	(6.1)	-8.3	(7.7)	49.8	(2.5)	
Liechtenstein	3.0	(2.5)	20.5	(2.1)	43.9	(3.0)	c	c	68.8	(1.1)	c	c	c	c	c	c	c	c	81.1	(1.4)	
Lithuania	0.1	(0.2)	0.3	(0.6)	0.3	(0.6)	90.1	(3.1)	88.9	(2.9)	91.7	(2.8)	-1.2	(4.1)	2.8	(4.5)	-1.6	(4.2)	90.0	(1.7)	
Macao-China	0.2	(0.1)	0.9	(0.0)	1.7	(0.0)	93.3	(0.0)	88.7	(0.0)	92.0	(0.0)	-4.6	(0.0)	3.3	(0.0)	1.3	(0.0)	91.4	(0.1)	
Malaysia	0.3	(0.4)	1.0	(1.4)	1.1	(1.6)	90.4	(1.6)	88.6	(2.8)	87.5	(4.0)	-1.8	(3.4)	-1.1	(5.1)	2.8	(4.3)	88.7	(1.6)	
Montenegro	1.5	(0.4)	7.0	(0.4)	7.7	(0.3)	86.2	(0.2)	83.8	(0.1)	94.8	(0.1)	-2.4	(0.2)	11.0	(0.1)	-8.6	(0.2)	88.9	(0.1)	
Peru	0.1	(0.7)	0.3	(1.5)	5.1	(6.0)	83.1	(4.9)	69.3	(6.7)	78.1	(5.6)	-13.9	(8.3)	8.8	(9.2)	5.1	(7.0)	77.3	(3.3)	
Qatar	0.2	(0.1)	0.8	(0.0)	4.2	(0.1)	97.8	(0.0)	95.8	(0.1)	97.0	(0.0)	-2.1	(0.1)	1.2	(0.1)	0.8	(0.0)	98.4	(0.1)	
Romania	2.3	(0.9)	6.0	(2.3)	6.7	(2.8)	92.5	(2.2)	96.8	(0.7)	98.3	(0.4)	4.3	(2.3)	1.6	(0.7)	-5.9	(2.3)	95.9	(0.8)	
Russian Federation	2.1	(1.1)	7.4	(3.8)	7.5	(3.9)	85.1	(1.8)	86.2	(2.0)	93.4	(0.8)	1.2	(2.6)	7.1	(2.1)	-8.3	(2.0)	87.9	(1.2)	
Serbia	0.1	(0.3)	0.5	(1.1)	0.5	(1.2)	4.9	(1.9)	8.7	(3.7)	6.2	(1.4)	3.8	(4.2)	-2.5	(4.0)	-1.3	(2.2)	6.8	(1.8)	
Shanghai-China	2.3	(1.5)	6.6	(4.0)	6.8	(4.2)	91.9	(1.2)	96.2	(0.7)	96.6	(0.9)	4.3	(1.3)	0.4	(1.1)	-4.7	(1.4)	95.1	(0.5)	
Singapore	3.3	(0.7)	13.1	(1.1)	13.3	(1.1)	93.5	(0.0)	95.1	(0.1)	97.0	(0.1)	1.5	(0.1)	2.0	(0.1)	-3.5	(0.1)	95.0	(0.0)	
Chinese Taipei	0.0	(0.1)	0.0	(0.4)	0.1	(0.6)	89.1	(4.4)	90.9	(3.2)	91.8	(3.1)	1.8	(5.2)	0.8	(4.5)	-2.6	(5.4)	90.5	(2.2)	
Thailand	0.0	(0.1)	0.1	(0.3)	0.7	(1.3)	99.4	(0.2)	98.7	(0.4)	99.6	(0.2)	-0.7	(0.5)	0.9	(0.5)	-0.2	(0.3)	99.2	(0.2)	
Tunisia	0.0	(0.1)	0.1	(0.4)	1.1	(1.8)	89.8	(2.5)	83.1	(3.2)	92.0	(3.0)	-6.6	(4.2)	8.9	(4.5)	-2.2	(4.0)	87.2	(1.7)	
United Arab Emirates	0.1	(0.1)	0.2	(0.4)	0.7	(0.8)	92.6	(0.8)	92.2	(1.6)	89.3	(1.4)	-0.4	(1.8)	-2.9	(2.2)	3.3	(1.6)	93.8	(0.8)	
Uruguay	2.3	(2.0)	5.5	(4.7)	5.5	(4.8)	7.5	(1.1)	6.9	(0.8)	12.0	(1.2)	-0.6	(1.4)	5.1	(1.3)	-4.5	(1.7)	8.3	(0.6)	
Viet Nam	0.4	(0.9)	1.0	(2.2)	1.7	(3.1)	83.6	(3.6)	89.3	(4.3)	90.1	(4.9)	5.7	(5.3)	0.8	(6.1)	-6.5	(6.1)	87.2	(2.6)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

[Part 2/2]

Inequity in access to educational resources: Percentage of teachers with university-level qualifications
Results based on students' self-reports

Table II.4.9

	Percentage of teachers with a university-level qualifications																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	Mean among immigrant students		Difference between non-immigrant and immigrant students		Mean among students who speak the language of assessment at home		Mean among students who do not speak the language of assessment at home		Difference between students who speak the language of assessment at home and those who do not		Mean among students in rural schools		Mean among students in town schools (small town and large city)		Difference between students in rural and town schools		Difference between students in rural and urban schools		Difference between students in rural and urban schools																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
OECD	Australia	96.8 (0.9)	-0.4 (0.7)	97.2 (0.7)	97.4 (1.0)	-0.2 (1.0)	94.3 (3.8)	97.9 (0.7)	96.8 (0.9)	-3.5 (3.8)	1.0 (1.1)	2.5 (3.9)	Austria	49.9 (3.3)	-3.4 (3.3)	53.9 (1.9)	52.5 (3.7)	1.4 (3.7)	38.5 (10.3)	54.5 (3.0)	53.8 (3.4)	-16.0 (11.8)	0.7 (4.8)	15.2 (10.9)		Belgium	37.7 (1.6)	-1.9 (1.5)	40.5 (1.0)	37.2 (1.6)	3.3 (1.6)	37.3 (9.4)	37.7 (1.1)	44.1 (2.1)	-0.4 (9.5)	-6.3 (2.5)	6.8 (9.6)	Canada	96.3 (0.9)	1.4 (0.9)	95.1 (0.9)	96.5 (1.0)	-1.4 (1.1)	94.6 (1.5)	94.7 (1.2)	95.9 (1.0)	0.0 (2.0)	-1.2 (1.6)	1.2 (1.7)		Chile	91.0 (3.4)	-1.1 (3.1)	92.2 (1.5)	c c c	c c c	85.4 (4.6)	88.9 (3.1)	95.0 (1.2)	-3.5 (5.6)	-6.1 (3.3)	9.6 (4.7)	Czech Republic	91.4 (0.8)	-0.3 (0.9)	91.9 (0.7)	91.9 (1.3)	0.0 (1.3)	90.9 (2.6)	91.3 (1.0)	93.3 (1.4)	-0.4 (2.7)	-2.0 (1.9)	2.4 (3.0)		Denmark	92.2 (1.4)	3.7 (2.0)	88.6 (1.9)	92.7 (1.5)	-4.1 (2.2)	86.8 (4.4)	90.2 (1.6)	85.5 (6.8)	-3.4 (4.6)	4.6 (7.0)	-1.2 (8.0)	Estonia	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Finland	88.3 (1.3)	-3.3 (1.5)	91.8 (0.9)	88.7 (1.4)	3.1 (1.6)	92.4 (2.7)	92.0 (1.3)	90.1 (1.1)	0.3 (3.0)	1.9 (1.7)	-2.2 (3.0)	France	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w		Germany	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	Greece	92.3 (1.2)	-1.4 (1.1)	93.7 (1.4)	90.5 (1.5)	3.2 (1.6)	98.1 (1.1)	91.4 (2.0)	96.7 (0.8)	6.7 (2.3)	-5.3 (2.2)	-1.4 (1.4)		Hungary	99.9 (0.1)	0.6 (0.2)	99.2 (0.2)	c c c	c c c	99.0 (1.0)	99.0 (0.3)	99.7 (0.2)	0.0 (1.0)	-0.7 (0.4)	0.7 (1.0)	Iceland	83.1 (2.4)	1.4 (2.5)	81.7 (0.3)	84.5 (2.3)	-2.9 (2.3)	72.5 (0.6)	74.7 (0.3)	97.0 (0.1)	-2.3 (0.7)	-22.3 (0.3)	24.5 (0.6)		Ireland	99.7 (0.2)	0.0 (0.2)	99.7 (0.2)	99.8 (0.1)	-0.1 (0.2)	100.0 (0.0)	99.6 (0.3)	99.6 (0.3)	0.4 (0.3)	0.0 (0.4)	-0.4 (0.3)	Israel	85.5 (3.0)	-1.0 (1.7)	86.2 (1.9)	85.9 (3.2)	0.3 (2.1)	80.9 (5.0)	89.7 (2.2)	83.9 (2.9)	-8.8 (5.6)	5.8 (3.9)	3.0 (4.9)		Italy	85.9 (1.1)	-4.0 (1.0)	90.6 (0.9)	84.3 (1.5)	6.3 (1.5)	70.8 (5.0)	89.5 (0.9)	91.3 (1.6)	-18.7 (5.3)	-1.9 (1.7)	20.6 (5.4)	Japan	c c c	c c c	99.9 (0.0)	c c c	c c c	c c c	99.9 (0.1)	99.9 (0.0)	c c c	0.0 (0.1)	c c c		Korea	c c c	c c c	99.7 (0.1)	c c c	c c c	c c c	100.0 (0.0)	99.7 (0.2)	c c c	0.3 (0.2)	c c c	Luxembourg	91.7 (0.1)	0.0 (0.3)	95.4 (0.6)	90.7 (0.2)	4.7 (0.6)	c c c	91.6 (0.0)	c c c	c c c	c c c	c c c		Mexico	87.4 (2.2)	-0.7 (1.9)	88.3 (1.0)	90.1 (4.9)	-1.8 (4.8)	92.3 (1.6)	86.0 (1.9)	88.7 (1.2)	6.3 (2.3)	-2.8 (2.3)	-3.6 (1.9)	Netherlands	27.0 (2.7)	-5.9 (2.5)	33.2 (1.7)	28.1 (3.2)	5.1 (2.9)	c c c	30.3 (2.4)	36.0 (3.6)	c c c	-5.7 (5.0)	c c c		New Zealand	93.9 (1.1)	1.0 (0.9)	93.1 (1.0)	93.9 (1.2)	-0.9 (1.0)	85.9 (3.4)	90.4 (2.1)	95.5 (1.1)	-4.5 (3.9)	-5.1 (2.4)	9.6 (3.5)	Norway	100.0 c	m m m	100.0 c	100.0 c	m m m	100.0 c	100.0 c	100.0 c	m m m	m m m	m m m		Poland	c c c	c c c	93.3 (1.8)	c c c	c c c	94.7 (2.8)	94.2 (2.7)	88.8 (3.9)	0.5 (3.9)	5.4 (4.5)	-5.9 (4.8)	Portugal	79.0 (6.4)	8.2 (5.9)	70.7 (4.1)	78.6 (9.0)	-7.8 (8.3)	45.8 (26.5)	78.8 (4.3)	55.7 (10.1)	-33.0 (26.6)	23.1 (11.4)	9.9 (27.9)		Slovak Republic	92.6 (1.3)	2.1 (1.5)	90.4 (1.2)	c c c	c c c	90.2 (2.0)	89.6 (1.6)	94.2 (1.3)	0.6 (2.6)	-4.6 (1.9)	4.0 (2.3)	Slovenia	86.0 (0.9)	-2.5 (1.0)	88.7 (0.3)	84.2 (1.3)	4.5 (1.4)	68.4 (4.1)	88.2 (0.3)	89.0 (0.3)	-19.8 (4.1)	-0.9 (0.5)	20.7 (4.1)		Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)
	Belgium	37.7 (1.6)	-1.9 (1.5)	40.5 (1.0)	37.2 (1.6)	3.3 (1.6)	37.3 (9.4)	37.7 (1.1)	44.1 (2.1)	-0.4 (9.5)	-6.3 (2.5)	6.8 (9.6)	Canada	96.3 (0.9)	1.4 (0.9)	95.1 (0.9)	96.5 (1.0)	-1.4 (1.1)	94.6 (1.5)	94.7 (1.2)	95.9 (1.0)	0.0 (2.0)	-1.2 (1.6)	1.2 (1.7)		Chile	91.0 (3.4)	-1.1 (3.1)	92.2 (1.5)	c c c	c c c	85.4 (4.6)	88.9 (3.1)	95.0 (1.2)	-3.5 (5.6)	-6.1 (3.3)	9.6 (4.7)	Czech Republic	91.4 (0.8)	-0.3 (0.9)	91.9 (0.7)	91.9 (1.3)	0.0 (1.3)	90.9 (2.6)	91.3 (1.0)	93.3 (1.4)	-0.4 (2.7)	-2.0 (1.9)	2.4 (3.0)		Denmark	92.2 (1.4)	3.7 (2.0)	88.6 (1.9)	92.7 (1.5)	-4.1 (2.2)	86.8 (4.4)	90.2 (1.6)	85.5 (6.8)	-3.4 (4.6)	4.6 (7.0)	-1.2 (8.0)	Estonia	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Finland	88.3 (1.3)	-3.3 (1.5)	91.8 (0.9)	88.7 (1.4)	3.1 (1.6)	92.4 (2.7)	92.0 (1.3)	90.1 (1.1)	0.3 (3.0)	1.9 (1.7)	-2.2 (3.0)	France	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w		Germany	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	Greece	92.3 (1.2)	-1.4 (1.1)	93.7 (1.4)	90.5 (1.5)	3.2 (1.6)	98.1 (1.1)	91.4 (2.0)	96.7 (0.8)	6.7 (2.3)	-5.3 (2.2)	-1.4 (1.4)		Hungary	99.9 (0.1)	0.6 (0.2)	99.2 (0.2)	c c c	c c c	99.0 (1.0)	99.0 (0.3)	99.7 (0.2)	0.0 (1.0)	-0.7 (0.4)	0.7 (1.0)	Iceland	83.1 (2.4)	1.4 (2.5)	81.7 (0.3)	84.5 (2.3)	-2.9 (2.3)	72.5 (0.6)	74.7 (0.3)	97.0 (0.1)	-2.3 (0.7)	-22.3 (0.3)	24.5 (0.6)		Ireland	99.7 (0.2)	0.0 (0.2)	99.7 (0.2)	99.8 (0.1)	-0.1 (0.2)	100.0 (0.0)	99.6 (0.3)	99.6 (0.3)	0.4 (0.3)	0.0 (0.4)	-0.4 (0.3)	Israel	85.5 (3.0)	-1.0 (1.7)	86.2 (1.9)	85.9 (3.2)	0.3 (2.1)	80.9 (5.0)	89.7 (2.2)	83.9 (2.9)	-8.8 (5.6)	5.8 (3.9)	3.0 (4.9)		Italy	85.9 (1.1)	-4.0 (1.0)	90.6 (0.9)	84.3 (1.5)	6.3 (1.5)	70.8 (5.0)	89.5 (0.9)	91.3 (1.6)	-18.7 (5.3)	-1.9 (1.7)	20.6 (5.4)	Japan	c c c	c c c	99.9 (0.0)	c c c	c c c	c c c	99.9 (0.1)	99.9 (0.0)	c c c	0.0 (0.1)	c c c		Korea	c c c	c c c	99.7 (0.1)	c c c	c c c	c c c	100.0 (0.0)	99.7 (0.2)	c c c	0.3 (0.2)	c c c	Luxembourg	91.7 (0.1)	0.0 (0.3)	95.4 (0.6)	90.7 (0.2)	4.7 (0.6)	c c c	91.6 (0.0)	c c c	c c c	c c c	c c c		Mexico	87.4 (2.2)	-0.7 (1.9)	88.3 (1.0)	90.1 (4.9)	-1.8 (4.8)	92.3 (1.6)	86.0 (1.9)	88.7 (1.2)	6.3 (2.3)	-2.8 (2.3)	-3.6 (1.9)	Netherlands	27.0 (2.7)	-5.9 (2.5)	33.2 (1.7)	28.1 (3.2)	5.1 (2.9)	c c c	30.3 (2.4)	36.0 (3.6)	c c c	-5.7 (5.0)	c c c		New Zealand	93.9 (1.1)	1.0 (0.9)	93.1 (1.0)	93.9 (1.2)	-0.9 (1.0)	85.9 (3.4)	90.4 (2.1)	95.5 (1.1)	-4.5 (3.9)	-5.1 (2.4)	9.6 (3.5)	Norway	100.0 c	m m m	100.0 c	100.0 c	m m m	100.0 c	100.0 c	100.0 c	m m m	m m m	m m m		Poland	c c c	c c c	93.3 (1.8)	c c c	c c c	94.7 (2.8)	94.2 (2.7)	88.8 (3.9)	0.5 (3.9)	5.4 (4.5)	-5.9 (4.8)	Portugal	79.0 (6.4)	8.2 (5.9)	70.7 (4.1)	78.6 (9.0)	-7.8 (8.3)	45.8 (26.5)	78.8 (4.3)	55.7 (10.1)	-33.0 (26.6)	23.1 (11.4)	9.9 (27.9)		Slovak Republic	92.6 (1.3)	2.1 (1.5)	90.4 (1.2)	c c c	c c c	90.2 (2.0)	89.6 (1.6)	94.2 (1.3)	0.6 (2.6)	-4.6 (1.9)	4.0 (2.3)	Slovenia	86.0 (0.9)	-2.5 (1.0)	88.7 (0.3)	84.2 (1.3)	4.5 (1.4)	68.4 (4.1)	88.2 (0.3)	89.0 (0.3)	-19.8 (4.1)	-0.9 (0.5)	20.7 (4.1)		Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																									
	Chile	91.0 (3.4)	-1.1 (3.1)	92.2 (1.5)	c c c	c c c	85.4 (4.6)	88.9 (3.1)	95.0 (1.2)	-3.5 (5.6)	-6.1 (3.3)	9.6 (4.7)	Czech Republic	91.4 (0.8)	-0.3 (0.9)	91.9 (0.7)	91.9 (1.3)	0.0 (1.3)	90.9 (2.6)	91.3 (1.0)	93.3 (1.4)	-0.4 (2.7)	-2.0 (1.9)	2.4 (3.0)		Denmark	92.2 (1.4)	3.7 (2.0)	88.6 (1.9)	92.7 (1.5)	-4.1 (2.2)	86.8 (4.4)	90.2 (1.6)	85.5 (6.8)	-3.4 (4.6)	4.6 (7.0)	-1.2 (8.0)	Estonia	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Finland	88.3 (1.3)	-3.3 (1.5)	91.8 (0.9)	88.7 (1.4)	3.1 (1.6)	92.4 (2.7)	92.0 (1.3)	90.1 (1.1)	0.3 (3.0)	1.9 (1.7)	-2.2 (3.0)	France	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w		Germany	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	Greece	92.3 (1.2)	-1.4 (1.1)	93.7 (1.4)	90.5 (1.5)	3.2 (1.6)	98.1 (1.1)	91.4 (2.0)	96.7 (0.8)	6.7 (2.3)	-5.3 (2.2)	-1.4 (1.4)		Hungary	99.9 (0.1)	0.6 (0.2)	99.2 (0.2)	c c c	c c c	99.0 (1.0)	99.0 (0.3)	99.7 (0.2)	0.0 (1.0)	-0.7 (0.4)	0.7 (1.0)	Iceland	83.1 (2.4)	1.4 (2.5)	81.7 (0.3)	84.5 (2.3)	-2.9 (2.3)	72.5 (0.6)	74.7 (0.3)	97.0 (0.1)	-2.3 (0.7)	-22.3 (0.3)	24.5 (0.6)		Ireland	99.7 (0.2)	0.0 (0.2)	99.7 (0.2)	99.8 (0.1)	-0.1 (0.2)	100.0 (0.0)	99.6 (0.3)	99.6 (0.3)	0.4 (0.3)	0.0 (0.4)	-0.4 (0.3)	Israel	85.5 (3.0)	-1.0 (1.7)	86.2 (1.9)	85.9 (3.2)	0.3 (2.1)	80.9 (5.0)	89.7 (2.2)	83.9 (2.9)	-8.8 (5.6)	5.8 (3.9)	3.0 (4.9)		Italy	85.9 (1.1)	-4.0 (1.0)	90.6 (0.9)	84.3 (1.5)	6.3 (1.5)	70.8 (5.0)	89.5 (0.9)	91.3 (1.6)	-18.7 (5.3)	-1.9 (1.7)	20.6 (5.4)	Japan	c c c	c c c	99.9 (0.0)	c c c	c c c	c c c	99.9 (0.1)	99.9 (0.0)	c c c	0.0 (0.1)	c c c		Korea	c c c	c c c	99.7 (0.1)	c c c	c c c	c c c	100.0 (0.0)	99.7 (0.2)	c c c	0.3 (0.2)	c c c	Luxembourg	91.7 (0.1)	0.0 (0.3)	95.4 (0.6)	90.7 (0.2)	4.7 (0.6)	c c c	91.6 (0.0)	c c c	c c c	c c c	c c c		Mexico	87.4 (2.2)	-0.7 (1.9)	88.3 (1.0)	90.1 (4.9)	-1.8 (4.8)	92.3 (1.6)	86.0 (1.9)	88.7 (1.2)	6.3 (2.3)	-2.8 (2.3)	-3.6 (1.9)	Netherlands	27.0 (2.7)	-5.9 (2.5)	33.2 (1.7)	28.1 (3.2)	5.1 (2.9)	c c c	30.3 (2.4)	36.0 (3.6)	c c c	-5.7 (5.0)	c c c		New Zealand	93.9 (1.1)	1.0 (0.9)	93.1 (1.0)	93.9 (1.2)	-0.9 (1.0)	85.9 (3.4)	90.4 (2.1)	95.5 (1.1)	-4.5 (3.9)	-5.1 (2.4)	9.6 (3.5)	Norway	100.0 c	m m m	100.0 c	100.0 c	m m m	100.0 c	100.0 c	100.0 c	m m m	m m m	m m m		Poland	c c c	c c c	93.3 (1.8)	c c c	c c c	94.7 (2.8)	94.2 (2.7)	88.8 (3.9)	0.5 (3.9)	5.4 (4.5)	-5.9 (4.8)	Portugal	79.0 (6.4)	8.2 (5.9)	70.7 (4.1)	78.6 (9.0)	-7.8 (8.3)	45.8 (26.5)	78.8 (4.3)	55.7 (10.1)	-33.0 (26.6)	23.1 (11.4)	9.9 (27.9)		Slovak Republic	92.6 (1.3)	2.1 (1.5)	90.4 (1.2)	c c c	c c c	90.2 (2.0)	89.6 (1.6)	94.2 (1.3)	0.6 (2.6)	-4.6 (1.9)	4.0 (2.3)	Slovenia	86.0 (0.9)	-2.5 (1.0)	88.7 (0.3)	84.2 (1.3)	4.5 (1.4)	68.4 (4.1)	88.2 (0.3)	89.0 (0.3)	-19.8 (4.1)	-0.9 (0.5)	20.7 (4.1)		Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																		
	Denmark	92.2 (1.4)	3.7 (2.0)	88.6 (1.9)	92.7 (1.5)	-4.1 (2.2)	86.8 (4.4)	90.2 (1.6)	85.5 (6.8)	-3.4 (4.6)	4.6 (7.0)	-1.2 (8.0)	Estonia	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Finland	88.3 (1.3)	-3.3 (1.5)	91.8 (0.9)	88.7 (1.4)	3.1 (1.6)	92.4 (2.7)	92.0 (1.3)	90.1 (1.1)	0.3 (3.0)	1.9 (1.7)	-2.2 (3.0)	France	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w		Germany	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	Greece	92.3 (1.2)	-1.4 (1.1)	93.7 (1.4)	90.5 (1.5)	3.2 (1.6)	98.1 (1.1)	91.4 (2.0)	96.7 (0.8)	6.7 (2.3)	-5.3 (2.2)	-1.4 (1.4)		Hungary	99.9 (0.1)	0.6 (0.2)	99.2 (0.2)	c c c	c c c	99.0 (1.0)	99.0 (0.3)	99.7 (0.2)	0.0 (1.0)	-0.7 (0.4)	0.7 (1.0)	Iceland	83.1 (2.4)	1.4 (2.5)	81.7 (0.3)	84.5 (2.3)	-2.9 (2.3)	72.5 (0.6)	74.7 (0.3)	97.0 (0.1)	-2.3 (0.7)	-22.3 (0.3)	24.5 (0.6)		Ireland	99.7 (0.2)	0.0 (0.2)	99.7 (0.2)	99.8 (0.1)	-0.1 (0.2)	100.0 (0.0)	99.6 (0.3)	99.6 (0.3)	0.4 (0.3)	0.0 (0.4)	-0.4 (0.3)	Israel	85.5 (3.0)	-1.0 (1.7)	86.2 (1.9)	85.9 (3.2)	0.3 (2.1)	80.9 (5.0)	89.7 (2.2)	83.9 (2.9)	-8.8 (5.6)	5.8 (3.9)	3.0 (4.9)		Italy	85.9 (1.1)	-4.0 (1.0)	90.6 (0.9)	84.3 (1.5)	6.3 (1.5)	70.8 (5.0)	89.5 (0.9)	91.3 (1.6)	-18.7 (5.3)	-1.9 (1.7)	20.6 (5.4)	Japan	c c c	c c c	99.9 (0.0)	c c c	c c c	c c c	99.9 (0.1)	99.9 (0.0)	c c c	0.0 (0.1)	c c c		Korea	c c c	c c c	99.7 (0.1)	c c c	c c c	c c c	100.0 (0.0)	99.7 (0.2)	c c c	0.3 (0.2)	c c c	Luxembourg	91.7 (0.1)	0.0 (0.3)	95.4 (0.6)	90.7 (0.2)	4.7 (0.6)	c c c	91.6 (0.0)	c c c	c c c	c c c	c c c		Mexico	87.4 (2.2)	-0.7 (1.9)	88.3 (1.0)	90.1 (4.9)	-1.8 (4.8)	92.3 (1.6)	86.0 (1.9)	88.7 (1.2)	6.3 (2.3)	-2.8 (2.3)	-3.6 (1.9)	Netherlands	27.0 (2.7)	-5.9 (2.5)	33.2 (1.7)	28.1 (3.2)	5.1 (2.9)	c c c	30.3 (2.4)	36.0 (3.6)	c c c	-5.7 (5.0)	c c c		New Zealand	93.9 (1.1)	1.0 (0.9)	93.1 (1.0)	93.9 (1.2)	-0.9 (1.0)	85.9 (3.4)	90.4 (2.1)	95.5 (1.1)	-4.5 (3.9)	-5.1 (2.4)	9.6 (3.5)	Norway	100.0 c	m m m	100.0 c	100.0 c	m m m	100.0 c	100.0 c	100.0 c	m m m	m m m	m m m		Poland	c c c	c c c	93.3 (1.8)	c c c	c c c	94.7 (2.8)	94.2 (2.7)	88.8 (3.9)	0.5 (3.9)	5.4 (4.5)	-5.9 (4.8)	Portugal	79.0 (6.4)	8.2 (5.9)	70.7 (4.1)	78.6 (9.0)	-7.8 (8.3)	45.8 (26.5)	78.8 (4.3)	55.7 (10.1)	-33.0 (26.6)	23.1 (11.4)	9.9 (27.9)		Slovak Republic	92.6 (1.3)	2.1 (1.5)	90.4 (1.2)	c c c	c c c	90.2 (2.0)	89.6 (1.6)	94.2 (1.3)	0.6 (2.6)	-4.6 (1.9)	4.0 (2.3)	Slovenia	86.0 (0.9)	-2.5 (1.0)	88.7 (0.3)	84.2 (1.3)	4.5 (1.4)	68.4 (4.1)	88.2 (0.3)	89.0 (0.3)	-19.8 (4.1)	-0.9 (0.5)	20.7 (4.1)		Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																											
	Finland	88.3 (1.3)	-3.3 (1.5)	91.8 (0.9)	88.7 (1.4)	3.1 (1.6)	92.4 (2.7)	92.0 (1.3)	90.1 (1.1)	0.3 (3.0)	1.9 (1.7)	-2.2 (3.0)	France	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w	w w w		Germany	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	Greece	92.3 (1.2)	-1.4 (1.1)	93.7 (1.4)	90.5 (1.5)	3.2 (1.6)	98.1 (1.1)	91.4 (2.0)	96.7 (0.8)	6.7 (2.3)	-5.3 (2.2)	-1.4 (1.4)		Hungary	99.9 (0.1)	0.6 (0.2)	99.2 (0.2)	c c c	c c c	99.0 (1.0)	99.0 (0.3)	99.7 (0.2)	0.0 (1.0)	-0.7 (0.4)	0.7 (1.0)	Iceland	83.1 (2.4)	1.4 (2.5)	81.7 (0.3)	84.5 (2.3)	-2.9 (2.3)	72.5 (0.6)	74.7 (0.3)	97.0 (0.1)	-2.3 (0.7)	-22.3 (0.3)	24.5 (0.6)		Ireland	99.7 (0.2)	0.0 (0.2)	99.7 (0.2)	99.8 (0.1)	-0.1 (0.2)	100.0 (0.0)	99.6 (0.3)	99.6 (0.3)	0.4 (0.3)	0.0 (0.4)	-0.4 (0.3)	Israel	85.5 (3.0)	-1.0 (1.7)	86.2 (1.9)	85.9 (3.2)	0.3 (2.1)	80.9 (5.0)	89.7 (2.2)	83.9 (2.9)	-8.8 (5.6)	5.8 (3.9)	3.0 (4.9)		Italy	85.9 (1.1)	-4.0 (1.0)	90.6 (0.9)	84.3 (1.5)	6.3 (1.5)	70.8 (5.0)	89.5 (0.9)	91.3 (1.6)	-18.7 (5.3)	-1.9 (1.7)	20.6 (5.4)	Japan	c c c	c c c	99.9 (0.0)	c c c	c c c	c c c	99.9 (0.1)	99.9 (0.0)	c c c	0.0 (0.1)	c c c		Korea	c c c	c c c	99.7 (0.1)	c c c	c c c	c c c	100.0 (0.0)	99.7 (0.2)	c c c	0.3 (0.2)	c c c	Luxembourg	91.7 (0.1)	0.0 (0.3)	95.4 (0.6)	90.7 (0.2)	4.7 (0.6)	c c c	91.6 (0.0)	c c c	c c c	c c c	c c c		Mexico	87.4 (2.2)	-0.7 (1.9)	88.3 (1.0)	90.1 (4.9)	-1.8 (4.8)	92.3 (1.6)	86.0 (1.9)	88.7 (1.2)	6.3 (2.3)	-2.8 (2.3)	-3.6 (1.9)	Netherlands	27.0 (2.7)	-5.9 (2.5)	33.2 (1.7)	28.1 (3.2)	5.1 (2.9)	c c c	30.3 (2.4)	36.0 (3.6)	c c c	-5.7 (5.0)	c c c		New Zealand	93.9 (1.1)	1.0 (0.9)	93.1 (1.0)	93.9 (1.2)	-0.9 (1.0)	85.9 (3.4)	90.4 (2.1)	95.5 (1.1)	-4.5 (3.9)	-5.1 (2.4)	9.6 (3.5)	Norway	100.0 c	m m m	100.0 c	100.0 c	m m m	100.0 c	100.0 c	100.0 c	m m m	m m m	m m m		Poland	c c c	c c c	93.3 (1.8)	c c c	c c c	94.7 (2.8)	94.2 (2.7)	88.8 (3.9)	0.5 (3.9)	5.4 (4.5)	-5.9 (4.8)	Portugal	79.0 (6.4)	8.2 (5.9)	70.7 (4.1)	78.6 (9.0)	-7.8 (8.3)	45.8 (26.5)	78.8 (4.3)	55.7 (10.1)	-33.0 (26.6)	23.1 (11.4)	9.9 (27.9)		Slovak Republic	92.6 (1.3)	2.1 (1.5)	90.4 (1.2)	c c c	c c c	90.2 (2.0)	89.6 (1.6)	94.2 (1.3)	0.6 (2.6)	-4.6 (1.9)	4.0 (2.3)	Slovenia	86.0 (0.9)	-2.5 (1.0)	88.7 (0.3)	84.2 (1.3)	4.5 (1.4)	68.4 (4.1)	88.2 (0.3)	89.0 (0.3)	-19.8 (4.1)	-0.9 (0.5)	20.7 (4.1)		Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																				
	Germany	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	Greece	92.3 (1.2)	-1.4 (1.1)	93.7 (1.4)	90.5 (1.5)	3.2 (1.6)	98.1 (1.1)	91.4 (2.0)	96.7 (0.8)	6.7 (2.3)	-5.3 (2.2)	-1.4 (1.4)		Hungary	99.9 (0.1)	0.6 (0.2)	99.2 (0.2)	c c c	c c c	99.0 (1.0)	99.0 (0.3)	99.7 (0.2)	0.0 (1.0)	-0.7 (0.4)	0.7 (1.0)	Iceland	83.1 (2.4)	1.4 (2.5)	81.7 (0.3)	84.5 (2.3)	-2.9 (2.3)	72.5 (0.6)	74.7 (0.3)	97.0 (0.1)	-2.3 (0.7)	-22.3 (0.3)	24.5 (0.6)		Ireland	99.7 (0.2)	0.0 (0.2)	99.7 (0.2)	99.8 (0.1)	-0.1 (0.2)	100.0 (0.0)	99.6 (0.3)	99.6 (0.3)	0.4 (0.3)	0.0 (0.4)	-0.4 (0.3)	Israel	85.5 (3.0)	-1.0 (1.7)	86.2 (1.9)	85.9 (3.2)	0.3 (2.1)	80.9 (5.0)	89.7 (2.2)	83.9 (2.9)	-8.8 (5.6)	5.8 (3.9)	3.0 (4.9)		Italy	85.9 (1.1)	-4.0 (1.0)	90.6 (0.9)	84.3 (1.5)	6.3 (1.5)	70.8 (5.0)	89.5 (0.9)	91.3 (1.6)	-18.7 (5.3)	-1.9 (1.7)	20.6 (5.4)	Japan	c c c	c c c	99.9 (0.0)	c c c	c c c	c c c	99.9 (0.1)	99.9 (0.0)	c c c	0.0 (0.1)	c c c		Korea	c c c	c c c	99.7 (0.1)	c c c	c c c	c c c	100.0 (0.0)	99.7 (0.2)	c c c	0.3 (0.2)	c c c	Luxembourg	91.7 (0.1)	0.0 (0.3)	95.4 (0.6)	90.7 (0.2)	4.7 (0.6)	c c c	91.6 (0.0)	c c c	c c c	c c c	c c c		Mexico	87.4 (2.2)	-0.7 (1.9)	88.3 (1.0)	90.1 (4.9)	-1.8 (4.8)	92.3 (1.6)	86.0 (1.9)	88.7 (1.2)	6.3 (2.3)	-2.8 (2.3)	-3.6 (1.9)	Netherlands	27.0 (2.7)	-5.9 (2.5)	33.2 (1.7)	28.1 (3.2)	5.1 (2.9)	c c c	30.3 (2.4)	36.0 (3.6)	c c c	-5.7 (5.0)	c c c		New Zealand	93.9 (1.1)	1.0 (0.9)	93.1 (1.0)	93.9 (1.2)	-0.9 (1.0)	85.9 (3.4)	90.4 (2.1)	95.5 (1.1)	-4.5 (3.9)	-5.1 (2.4)	9.6 (3.5)	Norway	100.0 c	m m m	100.0 c	100.0 c	m m m	100.0 c	100.0 c	100.0 c	m m m	m m m	m m m		Poland	c c c	c c c	93.3 (1.8)	c c c	c c c	94.7 (2.8)	94.2 (2.7)	88.8 (3.9)	0.5 (3.9)	5.4 (4.5)	-5.9 (4.8)	Portugal	79.0 (6.4)	8.2 (5.9)	70.7 (4.1)	78.6 (9.0)	-7.8 (8.3)	45.8 (26.5)	78.8 (4.3)	55.7 (10.1)	-33.0 (26.6)	23.1 (11.4)	9.9 (27.9)		Slovak Republic	92.6 (1.3)	2.1 (1.5)	90.4 (1.2)	c c c	c c c	90.2 (2.0)	89.6 (1.6)	94.2 (1.3)	0.6 (2.6)	-4.6 (1.9)	4.0 (2.3)	Slovenia	86.0 (0.9)	-2.5 (1.0)	88.7 (0.3)	84.2 (1.3)	4.5 (1.4)	68.4 (4.1)	88.2 (0.3)	89.0 (0.3)	-19.8 (4.1)	-0.9 (0.5)	20.7 (4.1)		Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																													
	Hungary	99.9 (0.1)	0.6 (0.2)	99.2 (0.2)	c c c	c c c	99.0 (1.0)	99.0 (0.3)	99.7 (0.2)	0.0 (1.0)	-0.7 (0.4)	0.7 (1.0)	Iceland	83.1 (2.4)	1.4 (2.5)	81.7 (0.3)	84.5 (2.3)	-2.9 (2.3)	72.5 (0.6)	74.7 (0.3)	97.0 (0.1)	-2.3 (0.7)	-22.3 (0.3)	24.5 (0.6)		Ireland	99.7 (0.2)	0.0 (0.2)	99.7 (0.2)	99.8 (0.1)	-0.1 (0.2)	100.0 (0.0)	99.6 (0.3)	99.6 (0.3)	0.4 (0.3)	0.0 (0.4)	-0.4 (0.3)	Israel	85.5 (3.0)	-1.0 (1.7)	86.2 (1.9)	85.9 (3.2)	0.3 (2.1)	80.9 (5.0)	89.7 (2.2)	83.9 (2.9)	-8.8 (5.6)	5.8 (3.9)	3.0 (4.9)		Italy	85.9 (1.1)	-4.0 (1.0)	90.6 (0.9)	84.3 (1.5)	6.3 (1.5)	70.8 (5.0)	89.5 (0.9)	91.3 (1.6)	-18.7 (5.3)	-1.9 (1.7)	20.6 (5.4)	Japan	c c c	c c c	99.9 (0.0)	c c c	c c c	c c c	99.9 (0.1)	99.9 (0.0)	c c c	0.0 (0.1)	c c c		Korea	c c c	c c c	99.7 (0.1)	c c c	c c c	c c c	100.0 (0.0)	99.7 (0.2)	c c c	0.3 (0.2)	c c c	Luxembourg	91.7 (0.1)	0.0 (0.3)	95.4 (0.6)	90.7 (0.2)	4.7 (0.6)	c c c	91.6 (0.0)	c c c	c c c	c c c	c c c		Mexico	87.4 (2.2)	-0.7 (1.9)	88.3 (1.0)	90.1 (4.9)	-1.8 (4.8)	92.3 (1.6)	86.0 (1.9)	88.7 (1.2)	6.3 (2.3)	-2.8 (2.3)	-3.6 (1.9)	Netherlands	27.0 (2.7)	-5.9 (2.5)	33.2 (1.7)	28.1 (3.2)	5.1 (2.9)	c c c	30.3 (2.4)	36.0 (3.6)	c c c	-5.7 (5.0)	c c c		New Zealand	93.9 (1.1)	1.0 (0.9)	93.1 (1.0)	93.9 (1.2)	-0.9 (1.0)	85.9 (3.4)	90.4 (2.1)	95.5 (1.1)	-4.5 (3.9)	-5.1 (2.4)	9.6 (3.5)	Norway	100.0 c	m m m	100.0 c	100.0 c	m m m	100.0 c	100.0 c	100.0 c	m m m	m m m	m m m		Poland	c c c	c c c	93.3 (1.8)	c c c	c c c	94.7 (2.8)	94.2 (2.7)	88.8 (3.9)	0.5 (3.9)	5.4 (4.5)	-5.9 (4.8)	Portugal	79.0 (6.4)	8.2 (5.9)	70.7 (4.1)	78.6 (9.0)	-7.8 (8.3)	45.8 (26.5)	78.8 (4.3)	55.7 (10.1)	-33.0 (26.6)	23.1 (11.4)	9.9 (27.9)		Slovak Republic	92.6 (1.3)	2.1 (1.5)	90.4 (1.2)	c c c	c c c	90.2 (2.0)	89.6 (1.6)	94.2 (1.3)	0.6 (2.6)	-4.6 (1.9)	4.0 (2.3)	Slovenia	86.0 (0.9)	-2.5 (1.0)	88.7 (0.3)	84.2 (1.3)	4.5 (1.4)	68.4 (4.1)	88.2 (0.3)	89.0 (0.3)	-19.8 (4.1)	-0.9 (0.5)	20.7 (4.1)		Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																						
	Ireland	99.7 (0.2)	0.0 (0.2)	99.7 (0.2)	99.8 (0.1)	-0.1 (0.2)	100.0 (0.0)	99.6 (0.3)	99.6 (0.3)	0.4 (0.3)	0.0 (0.4)	-0.4 (0.3)	Israel	85.5 (3.0)	-1.0 (1.7)	86.2 (1.9)	85.9 (3.2)	0.3 (2.1)	80.9 (5.0)	89.7 (2.2)	83.9 (2.9)	-8.8 (5.6)	5.8 (3.9)	3.0 (4.9)		Italy	85.9 (1.1)	-4.0 (1.0)	90.6 (0.9)	84.3 (1.5)	6.3 (1.5)	70.8 (5.0)	89.5 (0.9)	91.3 (1.6)	-18.7 (5.3)	-1.9 (1.7)	20.6 (5.4)	Japan	c c c	c c c	99.9 (0.0)	c c c	c c c	c c c	99.9 (0.1)	99.9 (0.0)	c c c	0.0 (0.1)	c c c		Korea	c c c	c c c	99.7 (0.1)	c c c	c c c	c c c	100.0 (0.0)	99.7 (0.2)	c c c	0.3 (0.2)	c c c	Luxembourg	91.7 (0.1)	0.0 (0.3)	95.4 (0.6)	90.7 (0.2)	4.7 (0.6)	c c c	91.6 (0.0)	c c c	c c c	c c c	c c c		Mexico	87.4 (2.2)	-0.7 (1.9)	88.3 (1.0)	90.1 (4.9)	-1.8 (4.8)	92.3 (1.6)	86.0 (1.9)	88.7 (1.2)	6.3 (2.3)	-2.8 (2.3)	-3.6 (1.9)	Netherlands	27.0 (2.7)	-5.9 (2.5)	33.2 (1.7)	28.1 (3.2)	5.1 (2.9)	c c c	30.3 (2.4)	36.0 (3.6)	c c c	-5.7 (5.0)	c c c		New Zealand	93.9 (1.1)	1.0 (0.9)	93.1 (1.0)	93.9 (1.2)	-0.9 (1.0)	85.9 (3.4)	90.4 (2.1)	95.5 (1.1)	-4.5 (3.9)	-5.1 (2.4)	9.6 (3.5)	Norway	100.0 c	m m m	100.0 c	100.0 c	m m m	100.0 c	100.0 c	100.0 c	m m m	m m m	m m m		Poland	c c c	c c c	93.3 (1.8)	c c c	c c c	94.7 (2.8)	94.2 (2.7)	88.8 (3.9)	0.5 (3.9)	5.4 (4.5)	-5.9 (4.8)	Portugal	79.0 (6.4)	8.2 (5.9)	70.7 (4.1)	78.6 (9.0)	-7.8 (8.3)	45.8 (26.5)	78.8 (4.3)	55.7 (10.1)	-33.0 (26.6)	23.1 (11.4)	9.9 (27.9)		Slovak Republic	92.6 (1.3)	2.1 (1.5)	90.4 (1.2)	c c c	c c c	90.2 (2.0)	89.6 (1.6)	94.2 (1.3)	0.6 (2.6)	-4.6 (1.9)	4.0 (2.3)	Slovenia	86.0 (0.9)	-2.5 (1.0)	88.7 (0.3)	84.2 (1.3)	4.5 (1.4)	68.4 (4.1)	88.2 (0.3)	89.0 (0.3)	-19.8 (4.1)	-0.9 (0.5)	20.7 (4.1)		Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																															
	Italy	85.9 (1.1)	-4.0 (1.0)	90.6 (0.9)	84.3 (1.5)	6.3 (1.5)	70.8 (5.0)	89.5 (0.9)	91.3 (1.6)	-18.7 (5.3)	-1.9 (1.7)	20.6 (5.4)	Japan	c c c	c c c	99.9 (0.0)	c c c	c c c	c c c	99.9 (0.1)	99.9 (0.0)	c c c	0.0 (0.1)	c c c		Korea	c c c	c c c	99.7 (0.1)	c c c	c c c	c c c	100.0 (0.0)	99.7 (0.2)	c c c	0.3 (0.2)	c c c	Luxembourg	91.7 (0.1)	0.0 (0.3)	95.4 (0.6)	90.7 (0.2)	4.7 (0.6)	c c c	91.6 (0.0)	c c c	c c c	c c c	c c c		Mexico	87.4 (2.2)	-0.7 (1.9)	88.3 (1.0)	90.1 (4.9)	-1.8 (4.8)	92.3 (1.6)	86.0 (1.9)	88.7 (1.2)	6.3 (2.3)	-2.8 (2.3)	-3.6 (1.9)	Netherlands	27.0 (2.7)	-5.9 (2.5)	33.2 (1.7)	28.1 (3.2)	5.1 (2.9)	c c c	30.3 (2.4)	36.0 (3.6)	c c c	-5.7 (5.0)	c c c		New Zealand	93.9 (1.1)	1.0 (0.9)	93.1 (1.0)	93.9 (1.2)	-0.9 (1.0)	85.9 (3.4)	90.4 (2.1)	95.5 (1.1)	-4.5 (3.9)	-5.1 (2.4)	9.6 (3.5)	Norway	100.0 c	m m m	100.0 c	100.0 c	m m m	100.0 c	100.0 c	100.0 c	m m m	m m m	m m m		Poland	c c c	c c c	93.3 (1.8)	c c c	c c c	94.7 (2.8)	94.2 (2.7)	88.8 (3.9)	0.5 (3.9)	5.4 (4.5)	-5.9 (4.8)	Portugal	79.0 (6.4)	8.2 (5.9)	70.7 (4.1)	78.6 (9.0)	-7.8 (8.3)	45.8 (26.5)	78.8 (4.3)	55.7 (10.1)	-33.0 (26.6)	23.1 (11.4)	9.9 (27.9)		Slovak Republic	92.6 (1.3)	2.1 (1.5)	90.4 (1.2)	c c c	c c c	90.2 (2.0)	89.6 (1.6)	94.2 (1.3)	0.6 (2.6)	-4.6 (1.9)	4.0 (2.3)	Slovenia	86.0 (0.9)	-2.5 (1.0)	88.7 (0.3)	84.2 (1.3)	4.5 (1.4)	68.4 (4.1)	88.2 (0.3)	89.0 (0.3)	-19.8 (4.1)	-0.9 (0.5)	20.7 (4.1)		Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																								
	Korea	c c c	c c c	99.7 (0.1)	c c c	c c c	c c c	100.0 (0.0)	99.7 (0.2)	c c c	0.3 (0.2)	c c c	Luxembourg	91.7 (0.1)	0.0 (0.3)	95.4 (0.6)	90.7 (0.2)	4.7 (0.6)	c c c	91.6 (0.0)	c c c	c c c	c c c	c c c		Mexico	87.4 (2.2)	-0.7 (1.9)	88.3 (1.0)	90.1 (4.9)	-1.8 (4.8)	92.3 (1.6)	86.0 (1.9)	88.7 (1.2)	6.3 (2.3)	-2.8 (2.3)	-3.6 (1.9)	Netherlands	27.0 (2.7)	-5.9 (2.5)	33.2 (1.7)	28.1 (3.2)	5.1 (2.9)	c c c	30.3 (2.4)	36.0 (3.6)	c c c	-5.7 (5.0)	c c c		New Zealand	93.9 (1.1)	1.0 (0.9)	93.1 (1.0)	93.9 (1.2)	-0.9 (1.0)	85.9 (3.4)	90.4 (2.1)	95.5 (1.1)	-4.5 (3.9)	-5.1 (2.4)	9.6 (3.5)	Norway	100.0 c	m m m	100.0 c	100.0 c	m m m	100.0 c	100.0 c	100.0 c	m m m	m m m	m m m		Poland	c c c	c c c	93.3 (1.8)	c c c	c c c	94.7 (2.8)	94.2 (2.7)	88.8 (3.9)	0.5 (3.9)	5.4 (4.5)	-5.9 (4.8)	Portugal	79.0 (6.4)	8.2 (5.9)	70.7 (4.1)	78.6 (9.0)	-7.8 (8.3)	45.8 (26.5)	78.8 (4.3)	55.7 (10.1)	-33.0 (26.6)	23.1 (11.4)	9.9 (27.9)		Slovak Republic	92.6 (1.3)	2.1 (1.5)	90.4 (1.2)	c c c	c c c	90.2 (2.0)	89.6 (1.6)	94.2 (1.3)	0.6 (2.6)	-4.6 (1.9)	4.0 (2.3)	Slovenia	86.0 (0.9)	-2.5 (1.0)	88.7 (0.3)	84.2 (1.3)	4.5 (1.4)	68.4 (4.1)	88.2 (0.3)	89.0 (0.3)	-19.8 (4.1)	-0.9 (0.5)	20.7 (4.1)		Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																	
	Mexico	87.4 (2.2)	-0.7 (1.9)	88.3 (1.0)	90.1 (4.9)	-1.8 (4.8)	92.3 (1.6)	86.0 (1.9)	88.7 (1.2)	6.3 (2.3)	-2.8 (2.3)	-3.6 (1.9)	Netherlands	27.0 (2.7)	-5.9 (2.5)	33.2 (1.7)	28.1 (3.2)	5.1 (2.9)	c c c	30.3 (2.4)	36.0 (3.6)	c c c	-5.7 (5.0)	c c c		New Zealand	93.9 (1.1)	1.0 (0.9)	93.1 (1.0)	93.9 (1.2)	-0.9 (1.0)	85.9 (3.4)	90.4 (2.1)	95.5 (1.1)	-4.5 (3.9)	-5.1 (2.4)	9.6 (3.5)	Norway	100.0 c	m m m	100.0 c	100.0 c	m m m	100.0 c	100.0 c	100.0 c	m m m	m m m	m m m		Poland	c c c	c c c	93.3 (1.8)	c c c	c c c	94.7 (2.8)	94.2 (2.7)	88.8 (3.9)	0.5 (3.9)	5.4 (4.5)	-5.9 (4.8)	Portugal	79.0 (6.4)	8.2 (5.9)	70.7 (4.1)	78.6 (9.0)	-7.8 (8.3)	45.8 (26.5)	78.8 (4.3)	55.7 (10.1)	-33.0 (26.6)	23.1 (11.4)	9.9 (27.9)		Slovak Republic	92.6 (1.3)	2.1 (1.5)	90.4 (1.2)	c c c	c c c	90.2 (2.0)	89.6 (1.6)	94.2 (1.3)	0.6 (2.6)	-4.6 (1.9)	4.0 (2.3)	Slovenia	86.0 (0.9)	-2.5 (1.0)	88.7 (0.3)	84.2 (1.3)	4.5 (1.4)	68.4 (4.1)	88.2 (0.3)	89.0 (0.3)	-19.8 (4.1)	-0.9 (0.5)	20.7 (4.1)		Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																										
	New Zealand	93.9 (1.1)	1.0 (0.9)	93.1 (1.0)	93.9 (1.2)	-0.9 (1.0)	85.9 (3.4)	90.4 (2.1)	95.5 (1.1)	-4.5 (3.9)	-5.1 (2.4)	9.6 (3.5)	Norway	100.0 c	m m m	100.0 c	100.0 c	m m m	100.0 c	100.0 c	100.0 c	m m m	m m m	m m m		Poland	c c c	c c c	93.3 (1.8)	c c c	c c c	94.7 (2.8)	94.2 (2.7)	88.8 (3.9)	0.5 (3.9)	5.4 (4.5)	-5.9 (4.8)	Portugal	79.0 (6.4)	8.2 (5.9)	70.7 (4.1)	78.6 (9.0)	-7.8 (8.3)	45.8 (26.5)	78.8 (4.3)	55.7 (10.1)	-33.0 (26.6)	23.1 (11.4)	9.9 (27.9)		Slovak Republic	92.6 (1.3)	2.1 (1.5)	90.4 (1.2)	c c c	c c c	90.2 (2.0)	89.6 (1.6)	94.2 (1.3)	0.6 (2.6)	-4.6 (1.9)	4.0 (2.3)	Slovenia	86.0 (0.9)	-2.5 (1.0)	88.7 (0.3)	84.2 (1.3)	4.5 (1.4)	68.4 (4.1)	88.2 (0.3)	89.0 (0.3)	-19.8 (4.1)	-0.9 (0.5)	20.7 (4.1)		Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																			
	Poland	c c c	c c c	93.3 (1.8)	c c c	c c c	94.7 (2.8)	94.2 (2.7)	88.8 (3.9)	0.5 (3.9)	5.4 (4.5)	-5.9 (4.8)	Portugal	79.0 (6.4)	8.2 (5.9)	70.7 (4.1)	78.6 (9.0)	-7.8 (8.3)	45.8 (26.5)	78.8 (4.3)	55.7 (10.1)	-33.0 (26.6)	23.1 (11.4)	9.9 (27.9)		Slovak Republic	92.6 (1.3)	2.1 (1.5)	90.4 (1.2)	c c c	c c c	90.2 (2.0)	89.6 (1.6)	94.2 (1.3)	0.6 (2.6)	-4.6 (1.9)	4.0 (2.3)	Slovenia	86.0 (0.9)	-2.5 (1.0)	88.7 (0.3)	84.2 (1.3)	4.5 (1.4)	68.4 (4.1)	88.2 (0.3)	89.0 (0.3)	-19.8 (4.1)	-0.9 (0.5)	20.7 (4.1)		Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																												
	Slovak Republic	92.6 (1.3)	2.1 (1.5)	90.4 (1.2)	c c c	c c c	90.2 (2.0)	89.6 (1.6)	94.2 (1.3)	0.6 (2.6)	-4.6 (1.9)	4.0 (2.3)	Slovenia	86.0 (0.9)	-2.5 (1.0)	88.7 (0.3)	84.2 (1.3)	4.5 (1.4)	68.4 (4.1)	88.2 (0.3)	89.0 (0.3)	-19.8 (4.1)	-0.9 (0.5)	20.7 (4.1)		Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																					
	Spain	96.1 (0.7)	1.7 (1.0)	94.8 (1.4)	95.3 (1.3)	-0.5 (1.4)	92.2 (3.3)	95.7 (0.7)	93.1 (2.7)	-3.4 (3.2)	2.6 (2.7)	0.9 (4.2)	Sweden	74.4 (5.2)	-2.6 (4.6)	76.9 (3.3)	74.5 (5.6)	2.3 (5.0)	72.2 (6.7)	72.1 (4.8)	86.9 (4.8)	6.1 (8.2)	-14.8 (6.8)	8.7 (7.9)		Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																														
	Switzerland	63.0 (3.1)	-2.6 (1.8)	65.7 (2.8)	63.0 (3.2)	2.8 (2.5)	57.4 (8.5)	64.0 (3.4)	71.9 (5.9)	-6.6 (9.2)	-7.9 (6.8)	14.5 (10.5)	Turkey	95.5 (2.6)	2.2 (2.4)	93.1 (1.5)	c c c	c c c	63.9 (18.4)	91.5 (2.7)	95.9 (0.9)	-27.6 (18.7)	-4.5 (2.8)	32.0 (18.3)		United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																							
	United Kingdom	97.6 (0.7)	2.1 (1.1)	95.5 (1.3)	96.8 (1.2)	-1.4 (1.1)	98.5 (0.6)	95.1 (1.6)	96.5 (2.2)	3.4 (1.8)	-1.4 (2.7)	-2.0 (2.3)	United States	98.9 (0.6)	0.2 (0.8)	98.7 (0.3)	98.9 (0.5)	-0.2 (0.8)	98.9 (0.7)	99.1 (0.3)	98.1 (0.3)	-0.2 (0.7)	1.1 (0.4)	-0.8 (0.8)		OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																
	OECD average	84.2 (0.5)	-0.1 (0.4)	85.8 (0.3)	82.7 (0.6)	0.4 (0.6)	80.9 (1.5)	85.0 (0.4)	86.9 (0.6)	-4.8 (1.5)	-2.1 (0.7)	6.9 (1.6)	Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																									
Partners	Albania	m m m	m m m	83.5 (1.6)	m m m	m m m	75.1 (3.3)	74.1 (1.8)	86.4 (3.4)	-11.9 (3.9)	0.7 (3.9)	11.2 (4.5)	Argentina	14.0 (1.8)	-3.7 (2.1)	17.9 (1.6)	c c c	c c c	16.9 (7.7)	14.9 (1.6)	22.0 (3.5)	2.0 (7.9)	-7.1 (4.1)	5.1 (8.6)		Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	Brazil	85.7 (3.5)	-1.3 (3.3)	87.0 (1.0)	c c c	c c c	86.4 (3.9)	86.2 (1.4)	88.0 (1.4)	0.2 (4.1)	-1.7 (1.8)	1.5 (3.9)	Bulgaria	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m	m m m		Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	Colombia	c c c	c c c	90.8 (1.3)	c c c	c c c	83.4 (5.8)	94.7 (2.1)	90.2 (1.4)	-11.3 (6.1)	4.5 (2.5)	6.8 (6.0)	Costa Rica	80.6 (4.4)	-3.6 (3.9)	84.2 (2.2)	c c c	c c c	75.8 (5.6)	87.9 (2.3)	80.1 (5.7)	-12.2 (5.9)	7.9 (6.1)	4.3 (7.8)		Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	Croatia	93.4 (1.1)	-0.9 (0.8)	94.3 (0.6)	c c c	c c c	c c c	93.3 (0.8)	95.5 (1.0)	c c c	-2.2 (1.3)	c c c	Cyprus*	97.2 (0.8)	1.7 (0.9)	94.7 (0.1)	96.4 (1.4)	-1.7 (1.5)	100.0 (0.0)	96.7 (0.0)	93.4 (0.0)	3.3 (0.0)	3.2 (0.0)	-6.6 (0.0)		Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Hong Kong-China	97.5 (0.4)	0.2 (0.4)	97.4 (0.7)	96.9 (0.7)	0.5 (0.5)	c c c	c c c	97.4 (0.6)	c c c	c c c	c c c	Indonesia	c c c	c c c	83.2 (1.9)	c c c	c c c	77.4 (3.0)	82.1 (2.6)	88.5 (3.2)	-4.7 (4.2)	-6.4 (4.4)	11.1 (4.5)		Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	Jordan	86.4 (1.9)	1.9 (1.2)	84.5 (1.8)	86.9 (3.9)	-2.4 (3.5)	83.2 (6.6)	84.3 (2.8)	85.7 (2.2)	-1.0 (7.0)	-1.4 (3.5)	2.4 (7.0)	Kazakhstan	77.5 (4.7)	-9.4 (4.1)	86.7 (2.1)	92.1 (1.9)	-5.5 (2.4)	81.5 (2.9)	88.2 (1.9)	86.7 (3.9)	-6.7 (3.5)	1.5 (4.4)	5.2 (4.2)		Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	Latvia	47.8 (4.4)	-2.0 (3.8)	49.6 (2.5)	57.4 (7.6)	-7.8 (7.6)	36.5 (4.7)	53.8 (3.6)	54.6 (4.1)	-17.2 (6.1)	-0.9 (5.3)	18.1 (5.6)	Liechtenstein	66.1 (2.6)	-15.0 (3.6)	82.5 (1.7)	c c c	c c c	c c c	76.5 (0.6)	c c c	c c c	c c c	c c c		Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	Lithuania	90.6 (4.2)	0.6 (3.9)	90.3 (1.6)	c c c	c c c	92.2 (1.5)	93.1 (2.4)	85.0 (3.4)	-0.9 (2.8)	8.0 (4.1)	-7.1 (3.6)	Macao-China	92.5 (0.1)	1.1 (0.2)	90.9 (0.2)	93.5 (0.2)	-2.6 (0.3)	c c c	c c c	92.1 (0.0)	c c c	c c c	c c c		Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Malaysia	93.3 (2.5)	4.6 (2.4)	92.8 (1.0)	c c c	c c c	91.5 (3.4)	86.3 (2.5)	92.9 (1.2)	5.2 (4.2)	-6.5 (2.8)	1.4 (3.6)	Montenegro	91.1 (1.1)	2.2 (1.1)	88.9 (0.1)	c c c	c c c	c c c	86.8 (0.1)	93.9 (0.1)	c c c	-7.2 (0.1)	c c c		Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	Peru	c c c	c c c	76.3 (3.5)	c c c	c c c	78.4 (8.1)	80.5 (4.2)	74.0 (6.0)	-2.1 (8.9)	6.5 (7.7)	-4.5 (10.0)	Qatar	95.6 (0.1)	-2.8 (0.2)	98.9 (0.1)	95.6 (0.2)	3.3 (0.2)	95.5 (0.0)	96.8 (0.0)	96.7 (0.0)	2.8 (0.0)	0.1 (0.0)	-2.8 (0.0)		Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Romania	c c c	c c c	95.9 (0.8)	c c c	c c c	84.0 (7.5)	96.7 (0.5)	97.3 (0.7)	-12.7 (7.6)	-0.6 (0.9)	13.3 (7.6)	Russian Federation	88.6 (1.1)	0.7 (0.5)	87.7 (1.3)	90.1 (1.0)	-2.4 (1.6)	83.4 (1.6)	84.3 (2.5)	92.4 (0.7)	-0.9 (2.3)	-8.0 (2.5)	9.0 (1.5)		Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	Serbia	6.2 (1.4)	-0.6 (1.3)	6.8 (1.8)	c c c	c c c	c c c	4.3 (1.6)	9.5 (3.2)	c c c	-5.2 (3.7)	c c c	Shanghai-China	92.0 (2.4)	-3.1 (2.2)	95.2 (0.5)	c c c	c c c	c c c	c c c	95.1 (0.5)	c c c	c c c	c c c		Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	Singapore	95.7 (0.2)	0.7 (0.2)	95.4 (0.1)	95.5 (0.2)	-0.2 (0.2)	c c c	c c c	95.1 (0.0)	c c c	c c c	c c c	Chinese Taipei	87.8 (9.6)	-2.8 (9.1)	90.7 (2.2)	c c c	c c c	c c c	88.0 (4.1)	92.0 (2.4)	c c c	-4.0 (4.6)	c c c		Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	Thailand	100.0 (0.0)	0.8 (0.2)	99.2 (0.2)	c c c	c c c	99.4 (0.3)	99.1 (0.3)	99.3 (0.2)	0.3 (0.4)	-0.3 (0.4)	0.0 (0.4)	Tunisia	c c c	c c c	87.2 (1.8)	c c c	c c c	92.3 (4.0)	89.3 (1.8)	79.4 (5.3)	3.0 (4.5)	9.9 (5.7)	-12.9 (6.4)		United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	United Arab Emirates	89.2 (1.1)	-4.6 (1.1)	94.3 (0.9)	87.5 (1.2)	6.7 (1.2)	94.2 (1.3)	92.5 (1.6)	90.4 (1.1)	-0.3 (2.0)	2.1 (2.0)	-1.8 (1.7)	Uruguay	c c c	c c c	8.3 (0.6)	c c c	c c c	8.0 (3.3)	6.8 (0.8)	10.6 (0.7)	1.1 (3.4)	-3.8 (1.1)	2.7 (3.4)		Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	Viet Nam	c c c	c c c	87.5 (2.6)	c c c	c c c	86.0 (3.5)	87.6 (4.5)	89.2 (5.4)	-1.6 (5.7)	-1.6 (6.6)	3.2 (6.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. ESCS refers to the PISA index of economic, social and cultural status.

2. A socio-economically disadvantaged school is one whose students' mean ESCS is statistically significantly below the mean ESCS of the country/economy; an average school is one where there is no difference between the students' and the country's/economy's mean ESCS; and an advantaged school is one whose students' mean ESCS is statistically significantly above the country/economy mean.

* See notes at the beginning of this Annex.

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[Part 1/2]
Inequity in access to educational resources: Disciplinary climate
Results based on students' self-reports

Table II.4.10

	Disciplinary climate																				
	Percentage of the variation explained by student ESCS ¹		Percentage of the variation explained by student and school mean ESCS		Percentage of the variation explained by student and school mean and standard deviation of ESCS		Mean among students in socio-economically disadvantaged schools, ² relative to the country mean ESCS		Mean among students in socio-economically average schools, ² relative to the country mean ESCS		Mean among students in socio-economically advantaged schools, ² relative to the country mean ESCS		Difference between students in average and disadvantaged schools		Difference between students in advantaged and average schools		Difference between students in disadvantaged and advantaged schools		Mean among non-immigrant students		
	%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Mean index	S.E.	
OECD	3.1	(0.7)	11.2	(2.3)	11.4	(2.3)	-0.31	(0.03)	-0.16	(0.02)	0.08	(0.03)	0.15	(0.03)	0.24	(0.04)	-0.38	(0.04)	-0.16	(0.02)	
Australia	3.8	(1.6)	11.6	(4.8)	11.8	(5.2)	0.00	(0.06)	0.24	(0.04)	0.40	(0.06)	0.24	(0.08)	0.16	(0.07)	-0.40	(0.09)	0.24	(0.03)	
Austria	3.4	(1.1)	12.1	(3.9)	13.6	(4.1)	-0.15	(0.04)	-0.01	(0.05)	0.23	(0.05)	0.13	(0.06)	0.24	(0.06)	-0.37	(0.06)	0.04	(0.03)	
Belgium	0.4	(0.2)	1.7	(1.1)	1.7	(1.2)	-0.01	(0.03)	-0.03	(0.02)	0.08	(0.03)	-0.02	(0.04)	0.11	(0.04)	-0.09	(0.04)	-0.03	(0.01)	
Canada	1.9	(1.3)	3.5	(2.4)	3.7	(2.4)	-0.31	(0.04)	-0.23	(0.06)	-0.19	(0.04)	0.09	(0.07)	0.04	(0.08)	-0.12	(0.06)	-0.25	(0.02)	
Chile	1.5	(0.8)	6.1	(3.1)	6.3	(3.1)	-0.14	(0.07)	0.10	(0.06)	0.34	(0.08)	0.24	(0.10)	0.24	(0.10)	-0.48	(0.11)	0.11	(0.04)	
Czech Republic	2.0	(0.8)	9.4	(3.6)	10.7	(3.6)	-0.17	(0.05)	-0.02	(0.04)	0.14	(0.05)	0.15	(0.06)	0.16	(0.06)	-0.31	(0.07)	-0.01	(0.03)	
Denmark	0.0	(0.1)	0.1	(0.4)	0.2	(0.9)	0.24	(0.06)	0.18	(0.04)	0.20	(0.02)	-0.06	(0.08)	0.01	(0.05)	0.04	(0.07)	0.20	(0.03)	
Estonia	0.0	(0.1)	0.4	(1.0)	1.6	(1.9)	-0.42	(0.07)	-0.31	(0.02)	-0.31	(0.03)	0.11	(0.07)	0.00	(0.04)	-0.11	(0.08)	-0.32	(0.02)	
Finland	4.8	(1.1)	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	-0.27	(0.03)	
France	1.4	(0.9)	4.7	(2.9)	5.1	(3.1)	-0.12	(0.06)	-0.05	(0.04)	0.07	(0.04)	0.07	(0.07)	0.11	(0.05)	-0.19	(0.08)	-0.01	(0.03)	
Germany	4.6	(1.4)	15.0	(4.6)	15.1	(4.5)	-0.46	(0.05)	-0.25	(0.03)	-0.03	(0.05)	0.21	(0.06)	0.22	(0.06)	-0.43	(0.07)	-0.24	(0.03)	
Greece	10.1	(2.6)	24.7	(5.5)	26.0	(5.5)	-0.25	(0.07)	-0.02	(0.06)	0.40	(0.06)	0.23	(0.10)	0.42	(0.09)	-0.65	(0.09)	0.05	(0.04)	
Hungary	0.0	(0.1)	0.0	(0.1)	0.2	(0.1)	0.03	(0.01)	-0.07	(0.00)	0.04	(0.00)	-0.10	(0.01)	0.11	(0.01)	-0.11	(0.01)	-0.02	(0.00)	
Iceland	1.8	(0.9)	7.8	(3.5)	9.0	(3.7)	-0.20	(0.09)	0.17	(0.04)	0.26	(0.04)	0.37	(0.10)	0.09	(0.06)	-0.47	(0.10)	0.14	(0.03)	
Ireland	1.2	(1.0)	4.4	(3.5)	5.9	(3.2)	0.10	(0.06)	0.30	(0.04)	0.34	(0.04)	0.20	(0.07)	0.04	(0.06)	-0.24	(0.07)	0.24	(0.03)	
Israel	3.3	(0.7)	11.7	(2.6)	11.9	(2.6)	-0.24	(0.03)	-0.07	(0.03)	0.18	(0.03)	0.16	(0.04)	0.26	(0.04)	-0.42	(0.03)	-0.03	(0.02)	
Italy	5.3	(1.7)	21.7	(6.2)	23.0	(6.4)	0.39	(0.05)	0.72	(0.03)	0.88	(0.06)	0.33	(0.06)	0.16	(0.07)	-0.49	(0.09)	0.67	(0.03)	
Japan	3.1	(1.4)	13.0	(5.6)	13.4	(5.7)	0.02	(0.05)	0.20	(0.04)	0.36	(0.07)	0.18	(0.06)	0.16	(0.08)	-0.34	(0.09)	0.19	(0.03)	
Korea	0.7	(0.2)	2.3	(0.1)	11.1	(0.1)	-0.03	(0.00)	0.01	(0.00)	-0.03	(0.00)	0.05	(0.00)	-0.04	(0.00)	0.00	(0.00)	-0.01	(0.00)	
Luxembourg	0.1	(0.2)	0.2	(0.4)	0.4	(0.7)	0.05	(0.02)	0.02	(0.02)	0.11	(0.02)	-0.03	(0.03)	0.10	(0.03)	-0.06	(0.03)	0.06	(0.01)	
Mexico	0.7	(0.6)	3.6	(2.8)	3.6	(3.0)	-0.25	(0.05)	-0.16	(0.05)	-0.10	(0.05)	0.09	(0.07)	0.06	(0.06)	-0.15	(0.07)	-0.15	(0.03)	
Netherlands	4.8	(1.6)	18.3	(5.8)	18.7	(5.7)	-0.43	(0.06)	-0.29	(0.04)	-0.01	(0.05)	0.14	(0.06)	0.28	(0.06)	-0.42	(0.08)	-0.26	(0.03)	
New Zealand	0.0	(0.1)	0.0	(0.4)	0.1	(0.8)	0.03	(0.08)	-0.11	(0.03)	0.00	(0.05)	-0.14	(0.09)	0.11	(0.06)	0.03	(0.10)	-0.08	(0.03)	
Norway	0.2	(0.4)	0.9	(1.6)	1.8	(2.1)	0.15	(0.08)	0.07	(0.05)	-0.01	(0.08)	-0.08	(0.09)	-0.08	(0.09)	0.16	(0.11)	0.07	(0.04)	
Poland	0.0	(0.2)	0.0	(0.6)	2.3	(2.5)	0.05	(0.05)	-0.06	(0.04)	0.06	(0.08)	-0.11	(0.06)	0.12	(0.09)	-0.01	(0.09)	0.01	(0.03)	
Portugal	4.9	(1.6)	13.2	(4.3)	13.2	(4.4)	-0.34	(0.05)	-0.12	(0.04)	0.03	(0.05)	0.23	(0.06)	0.15	(0.06)	-0.38	(0.07)	-0.13	(0.03)	
Slovak Republic	8.3	(1.0)	27.1	(2.6)	29.1	(2.1)	-0.23	(0.02)	-0.03	(0.01)	0.45	(0.01)	0.20	(0.02)	0.48	(0.01)	-0.68	(0.02)	0.07	(0.01)	
Slovenia	1.1	(0.4)	4.0	(1.5)	4.0	(1.5)	-0.13	(0.04)	-0.06	(0.04)	0.07	(0.04)	0.06	(0.05)	0.14	(0.06)	-0.20	(0.05)	-0.04	(0.02)	
Spain	1.7	(0.8)	10.0	(4.3)	10.5	(4.5)	-0.32	(0.07)	-0.22	(0.03)	-0.09	(0.05)	0.11	(0.08)	0.12	(0.06)	-0.23	(0.09)	-0.20	(0.03)	
Sweden	0.0	(0.1)	0.1	(0.6)	1.6	(2.0)	0.09	(0.05)	0.05	(0.04)	0.10	(0.04)	-0.04	(0.05)	0.05	(0.06)	-0.01	(0.07)	0.09	(0.03)	
Switzerland	4.0	(1.5)	12.9	(4.5)	17.3	(4.9)	-0.23	(0.04)	-0.12	(0.03)	0.14	(0.06)	0.11	(0.05)	0.26	(0.08)	-0.37	(0.07)	-0.09	(0.02)	
Turkey	1.0	(0.8)	4.0	(3.4)	4.4	(3.0)	0.14	(0.07)	0.08	(0.03)	0.28	(0.05)	-0.05	(0.07)	0.20	(0.06)	-0.15	(0.08)	0.14	(0.03)	
United Kingdom	5.7	(1.4)	19.6	(4.5)	21.4	(4.7)	-0.11	(0.05)	0.02	(0.04)	0.29	(0.04)	0.13	(0.07)	0.27	(0.07)	-0.40	(0.07)	0.06	(0.03)	
United States	2.5	(0.2)	8.5	(0.6)	9.7	(0.6)	-0.12	(0.01)	-0.02	(0.01)	0.14	(0.01)	0.10	(0.01)	0.16	(0.01)	-0.26	(0.01)	0.00	(0.00)	
OECD average																					
Partners		m	m		m	m		m	m		m	m		m	m		m	m		0.38	(0.03)
Albania	0.0	(0.3)	0.1	(0.7)	3.5	(3.5)	-0.53	(0.04)	-0.53	(0.04)	-0.47	(0.06)	0.00	(0.07)	0.06	(0.06)	-0.06	(0.07)	-0.50	(0.03)	
Argentina	0.6	(0.5)	1.4	(1.3)	2.2	(1.9)	-0.36	(0.03)	-0.40	(0.02)	-0.25	(0.05)	-0.04	(0.04)	0.14	(0.05)	-0.11	(0.06)	-0.34	(0.02)	
Brazil	5.0	(2.5)	11.4	(5.9)	13.0	(6.0)	-0.38	(0.05)	-0.21	(0.04)	-0.03	(0.05)	0.17	(0.07)	0.18	(0.06)	-0.35	(0.07)	-0.20	(0.03)	
Bulgaria	0.5	(0.6)	1.3	(1.4)	1.5	(2.0)	-0.05	(0.03)	-0.11	(0.04)	0.02	(0.03)	-0.05	(0.05)	0.13	(0.05)	-0.07	(0.05)	-0.05	(0.02)	
Colombia	0.2	(0.6)	0.6	(1.4)	0.6	(1.7)	0.05	(0.05)	-0.04	(0.03)	0.18	(0.07)	-0.09	(0.06)	0.22	(0.08)	-0.13	(0.09)	0.03	(0.03)	
Costa Rica	6.4	(1.6)	24.0	(5.3)	24.2	(5.7)	-0.30	(0.05)	-0.21	(0.05)	0.30	(0.08)	0.08	(0.07)	0.51	(0.10)	-0.59	(0.09)	-0.11	(0.03)	
Croatia	1.1	(0.2)	4.2	(0.2)	9.2	(0.3)	-0.26	(0.00)	-0.16	(0.00)	-0.16	(0.00)	0.09	(0.00)	0.01	(0.00)	-0.10	(0.00)	-0.19	(0.00)	
Cyprus*	0.2	(0.6)	0.7	(1.6)	1.4	(2.3)	0.25	(0.04)	0.30	(0.04)	0.32	(0.06)	0.04	(0.06)	0.02	(0.08)	-0.07	(0.08)	0.29	(0.03)	
Hong Kong-China	2.4	(1.3)	6.0	(3.3)	6.3	(3.4)	0.18	(0.04)	0.12	(0.04)	0.04	(0.04)	-0.06	(0.06)	-0.08	(0.06)	0.14	(0.06)	0.12	(0.02)	
Indonesia	0.0	(0.2)	0.0	(0.8)	0.0	(1.5)	-0.09	(0.06)	-0.32	(0.05)	-0.16	(0.09)	-0.24	(0.08)	0.17	(0.11)	0.07	(0.11)	-0.23	(0.03)	
Jordan	1.3	(1.0)	5.0	(3.8)	7.2	(4.4)	0.53	(0.07)	0.77	(0.05)	0.77	(0.06)	0.25	(0.09)	-0.01	(0.08)	-0.24	(0.09)	0.74	(0.04)	
Kazakhstan	0.0	(0.2)	0.1	(0.7)	0.5	(1.3)	0.13	(0.08)	0.06	(0.06)	0.08	(0.06)	-0.07	(0.10)	0.02	(0.09)	0.05	(0.10)	0.08	(0.04)	
Latvia	0.1	(0.6)	0.7	(0.6)	4.1	(1.5)	c	c	0.09	(0.01)	c	c	c	c	c	c	c	c	0.24	(0.01)	
Liechtenstein	1.6	(0.7)	6.0	(2.8)	6.1	(2.7)	0.03	(0.05)	0.31	(0.04)	0.43	(0.05)	0.28	(0.06)	0.12	(0.06)	-0.40	(0.07)	0.28	(0.03)	
Lithuania	0.4	(0.2)	1.7	(0.1)	4.9	(0.1)	0.08	(0.00)	0.14	(0.00)	0.11	(0.00)	0.06	(0.00)	-0.03	(0.00)	-0.03	(0.00)	0.08	(0.00)	
Macao-China	1.8	(1.1)	5.9	(3.7)	6.2	(3.8)	-0.25	(0.04)	-0.27	(0.03)	-0.08	(0.05)	-0.02	(0.05)	0.18	(0.06)	-0.17	(0.07)	-0.21	(0.02)	
Malaysia	1.1	(0.3)	5.4	(0.4)	6.0	(0.4)	-0.08	(0.00)	-0.11	(0.00)	0.10	(0.00)	-0.03	(0.00)	0.21	(0.00)	-0.17	(0.00)	-0.02	(0.00)	
Montenegro	0.2	(0.5)	0.4	(1.1)	2.2	(3.3)	-0.05	(0.03)	0.00	(0.04)	-0.05	(0.04)	0.05	(0.05)	-0.05	(0.06)	0.00	(0.05)	-0.03	(0.02)	
Peru	2.0	(0.2)	8.2	(0.2)	18.1	(0.2)	-0.41	(0.00)	-0.41	(0.00)	-0.24	(0.00)	0.00	(0.00)	0.17	(0.00)	-0.17	(0.00)	-0.45	(0.00)	
Qatar	5.9	(2.1)	15.3	(5.2)	15.5	(5.3)	-0.14	(0.06)	-0.08	(0.05)	0.30	(0.06)	0.06	(0.08)	0.38	(0.08)	-0.44	(0.08)	0.01	(0.04)	
Romania	0.2	(0.3)	0.7	(1.2)	3.0	(2.0)	0.25	(0.06)	0.37	(0.05)	0.39	(0.06)	0.11	(0.08)	0.03	(0.08)	-0.14	(0.08)	0.36	(0.03)	
Russian Federation	3.5	(1.4)	14																		

[Part 2/2]

Inequity in access to educational resources: Disciplinary climate

Results based on students' self-reports

Table II.4.10

	Disciplinary climate																						
	Mean among immigrant students		Difference between non-immigrant and immigrant students		Mean among students who speak the language of assessment at home		Mean among students who do not speak the language of assessment at home		Difference between students who speak the language of assessment at home and those who do not		Mean among students in rural schools		Mean among students in town schools (small town and town)		Mean among students in urban schools (city and large city)		Difference between students in rural and town schools		Difference between students in town and urban schools		Difference between students in rural and urban schools		
	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	
OECD	-0.06 (0.03)		0.10 (0.02)		-0.16 (0.02)		-0.04 (0.04)		-0.12 (0.03)		-0.24 (0.05)		-0.22 (0.03)		-0.09 (0.02)		-0.02 (0.05)		-0.13 (0.04)		0.15 (0.06)		
Australia	0.04 (0.05)		-0.19 (0.05)		0.24 (0.03)		0.05 (0.07)		0.19 (0.06)		0.35 (0.16)		0.21 (0.05)		0.16 (0.05)		0.14 (0.18)		0.05 (0.07)		-0.19 (0.17)		
Belgium	0.00 (0.04)		-0.05 (0.03)		0.05 (0.03)		0.02 (0.04)		0.03 (0.04)		0.04 (0.07)		0.05 (0.03)		-0.03 (0.07)		-0.01 (0.08)		0.08 (0.07)		-0.07 (0.10)		
Canada	0.08 (0.02)		0.11 (0.02)		-0.02 (0.02)		0.10 (0.03)		-0.12 (0.03)		-0.10 (0.05)		-0.03 (0.02)		0.04 (0.02)		-0.07 (0.06)		-0.07 (0.03)		0.15 (0.06)		
Chile	-0.25 (0.06)		0.00 (0.06)		-0.25 (0.02)		c c		c c		-0.32 (0.14)		-0.23 (0.05)		-0.25 (0.03)		-0.09 (0.14)		0.02 (0.06)		0.07 (0.14)		
Czech Republic	0.06 (0.08)		-0.04 (0.07)		0.11 (0.04)		0.11 (0.09)		0.00 (0.08)		0.24 (0.17)		0.12 (0.05)		0.01 (0.08)		0.12 (0.17)		0.11 (0.10)		-0.23 (0.18)		
Denmark	-0.05 (0.03)		-0.04 (0.03)		-0.01 (0.03)		-0.03 (0.03)		0.02 (0.03)		-0.11 (0.07)		-0.01 (0.03)		0.04 (0.04)		-0.10 (0.07)		-0.04 (0.05)		0.14 (0.08)		
Estonia	0.22 (0.06)		0.02 (0.05)		0.20 (0.03)		0.12 (0.06)		0.08 (0.06)		0.24 (0.08)		0.19 (0.04)		0.17 (0.04)		0.04 (0.08)		0.02 (0.06)		-0.06 (0.09)		
Finland	-0.39 (0.01)		-0.06 (0.02)		-0.32 (0.02)		-0.38 (0.02)		0.06 (0.02)		-0.26 (0.11)		-0.31 (0.03)		-0.37 (0.02)		0.06 (0.11)		0.05 (0.04)		-0.11 (0.11)		
France	-0.43 (0.05)		-0.15 (0.04)		-0.27 (0.03)		-0.41 (0.05)		0.14 (0.04)		w w		w w		w w		w w		w w		w w		w w
Germany	-0.11 (0.04)		-0.10 (0.03)		-0.02 (0.03)		-0.06 (0.05)		0.04 (0.05)		c c		-0.04 (0.03)		-0.06 (0.06)		c c		0.02 (0.06)		c c		c c
Greece	-0.28 (0.03)		-0.04 (0.03)		-0.24 (0.03)		-0.32 (0.04)		0.08 (0.04)		-0.29 (0.09)		-0.29 (0.03)		-0.14 (0.05)		0.00 (0.10)		-0.14 (0.07)		0.14 (0.10)		0.15 (0.08)
Hungary	0.11 (0.10)		0.06 (0.10)		0.05 (0.04)		c c		c c		-0.13 (0.15)		0.01 (0.05)		0.12 (0.07)		-0.13 (0.17)		-0.11 (0.10)		0.25 (0.16)		
Iceland	0.05 (0.03)		0.08 (0.03)		-0.03 (0.00)		0.08 (0.04)		-0.10 (0.04)		-0.06 (0.01)		-0.06 (0.00)		0.04 (0.00)		0.00 (0.01)		-0.10 (0.00)		0.10 (0.01)		
Ireland	0.05 (0.04)		-0.09 (0.02)		0.14 (0.03)		0.02 (0.05)		0.12 (0.04)		0.31 (0.06)		0.11 (0.04)		0.01 (0.06)		0.19 (0.08)		0.11 (0.07)		-0.30 (0.09)		
Israel	0.33 (0.04)		0.09 (0.03)		0.25 (0.03)		0.37 (0.04)		-0.12 (0.04)		0.19 (0.07)		0.20 (0.05)		0.34 (0.04)		0.00 (0.09)		-0.15 (0.06)		0.15 (0.08)		
Italy	-0.22 (0.02)		-0.19 (0.02)		-0.01 (0.02)		-0.24 (0.03)		0.24 (0.03)		-0.36 (0.14)		-0.03 (0.02)		-0.04 (0.03)		-0.33 (0.14)		0.02 (0.04)		0.31 (0.14)		
Japan	c c		c c		0.67 (0.03)		c c		c c		c c		0.67 (0.05)		0.66 (0.04)		c c		c c		c c		c c
Korea	c c		c c		0.19 (0.03)		c c		c c		c c		0.15 (0.11)		0.21 (0.03)		c c		-0.05 (0.11)		c c		c c
Luxembourg	-0.04 (0.00)		-0.03 (0.01)		-0.01 (0.02)		-0.05 (0.01)		0.04 (0.02)		c c		-0.03 (0.00)		c c		c c		c c		c c		c c
Mexico	-0.04 (0.03)		-0.10 (0.03)		0.06 (0.01)		0.07 (0.09)		-0.01 (0.10)		0.11 (0.02)		0.05 (0.02)		0.05 (0.02)		0.06 (0.03)		0.00 (0.03)		-0.06 (0.03)		
Netherlands	-0.26 (0.05)		-0.11 (0.04)		-0.15 (0.03)		-0.25 (0.06)		0.11 (0.04)		c c		-0.12 (0.03)		-0.28 (0.05)		c c		0.16 (0.06)		c c		c c
New Zealand	-0.21 (0.04)		0.05 (0.04)		-0.25 (0.03)		-0.23 (0.05)		-0.02 (0.05)		-0.30 (0.11)		-0.30 (0.04)		-0.20 (0.05)		0.00 (0.11)		-0.10 (0.06)		0.10 (0.12)		
Norway	-0.07 (0.04)		0.01 (0.04)		-0.08 (0.03)		-0.07 (0.05)		-0.01 (0.04)		-0.05 (0.08)		-0.11 (0.03)		0.01 (0.06)		0.06 (0.08)		-0.12 (0.07)		0.06 (0.10)		
Poland	c c		c c		0.07 (0.04)		c c		c c		0.22 (0.08)		0.04 (0.06)		-0.07 (0.07)		0.18 (0.10)		0.11 (0.09)		-0.29 (0.11)		
Portugal	-0.10 (0.03)		-0.11 (0.03)		0.01 (0.03)		-0.10 (0.04)		0.11 (0.04)		0.17 (0.12)		0.02 (0.03)		-0.07 (0.06)		0.15 (0.12)		0.09 (0.07)		-0.24 (0.14)		
Slovak Republic	-0.07 (0.10)		0.07 (0.10)		-0.11 (0.03)		c c		c c		-0.13 (0.08)		-0.14 (0.03)		-0.15 (0.06)		0.01 (0.08)		0.01 (0.07)		-0.02 (0.10)		
Slovenia	-0.04 (0.04)		-0.11 (0.04)		0.08 (0.01)		-0.10 (0.04)		0.18 (0.04)		c c		0.02 (0.01)		0.14 (0.01)		c c		-0.12 (0.02)		c c		
Spain	-0.13 (0.03)		-0.09 (0.02)		-0.01 (0.02)		-0.18 (0.04)		0.17 (0.04)		0.14 (0.06)		-0.07 (0.03)		-0.02 (0.04)		0.22 (0.07)		-0.06 (0.05)		-0.16 (0.07)		
Sweden	-0.24 (0.04)		-0.04 (0.03)		-0.19 (0.03)		-0.25 (0.05)		0.06 (0.04)		-0.31 (0.07)		-0.20 (0.03)		-0.16 (0.05)		-0.11 (0.07)		-0.04 (0.06)		0.15 (0.09)		
Switzerland	0.03 (0.03)		-0.06 (0.02)		0.09 (0.03)		0.01 (0.04)		0.08 (0.02)		0.27 (0.11)		0.10 (0.03)		-0.11 (0.07)		0.17 (0.11)		0.20 (0.07)		-0.38 (0.13)		
Turkey	-0.14 (0.13)		-0.05 (0.13)		-0.08 (0.02)		c c		c c		0.43 (0.21)		-0.02 (0.04)		-0.17 (0.03)		0.45 (0.21)		0.15 (0.06)		-0.60 (0.21)		
United Kingdom	0.17 (0.04)		0.03 (0.04)		0.14 (0.03)		0.19 (0.05)		-0.05 (0.05)		-0.05 (0.11)		0.16 (0.04)		0.17 (0.05)		-0.11 (0.12)		-0.01 (0.07)		0.12 (0.12)		
United States	0.08 (0.04)		0.02 (0.04)		0.06 (0.03)		0.07 (0.04)		-0.01 (0.04)		0.05 (0.05)		0.08 (0.04)		0.07 (0.05)		-0.13 (0.07)		0.01 (0.06)		0.12 (0.07)		
OECD average	-0.06 (0.01)		-0.03 (0.01)		0.01 (0.00)		-0.06 (0.01)		0.04 (0.01)		0.00 (0.02)		-0.01 (0.01)		-0.01 (0.01)		0.03 (0.02)		0.00 (0.01)		-0.03 (0.02)		
Partners																							
Albania	m m		m m		0.38 (0.03)		m m		m m		0.35 (0.05)		0.41 (0.03)		0.37 (0.06)		-0.06 (0.06)		0.04 (0.07)		0.02 (0.08)		
Argentina	-0.53 (0.04)		-0.03 (0.05)		-0.50 (0.03)		-0.49 (0.09)		-0.01 (0.10)		-0.18 (0.11)		-0.55 (0.03)		-0.54 (0.05)		0.36 (0.12)		-0.01 (0.06)		-0.35 (0.10)		
Brazil	-0.46 (0.05)		-0.11 (0.05)		-0.34 (0.02)		c c		c c		-0.32 (0.13)		-0.34 (0.03)		-0.36 (0.03)		0.02 (0.13)		0.01 (0.04)		-0.04 (0.13)		
Bulgaria	c c		c c		-0.18 (0.03)		c c		c c		-0.19 (0.14)		-0.20 (0.04)		-0.22 (0.05)		0.01 (0.14)		0.02 (0.06)		-0.03 (0.15)		
Colombia	-0.17 (0.04)		-0.12 (0.04)		-0.05 (0.02)		c c		c c		-0.02 (0.06)		-0.08 (0.04)		-0.05 (0.03)		0.00 (0.08)		-0.03 (0.06)		-0.03 (0.07)		
Costa Rica	0.11 (0.06)		0.08 (0.06)		0.03 (0.03)		c c		c c		0.01 (0.05)		0.03 (0.04)		0.07 (0.07)		-0.02 (0.07)		-0.04 (0.08)		0.06 (0.09)		
Croatia	-0.19 (0.04)		-0.08 (0.03)		-0.11 (0.03)		c c		c c		c c		-0.13 (0.04)		-0.11 (0.07)		c c		-0.02 (0.07)		c c		
Cyprus*	-0.16 (0.01)		0.04 (0.02)		-0.20 (0.00)		-0.17 (0.02)		-0.03 (0.03)		-0.17 (0.00)		-0.17 (0.00)		-0.24 (0.00)		-0.01 (0.00)		0.07 (0.00)		-0.07 (0.00)		
Hong Kong-China	0.29 (0.03)		0.01 (0.02)		0.29 (0.03)		0.28 (0.04)		0.01 (0.04)		c c		c c		0.29 (0.02)		c c		c c		c c		
Indonesia	c c		c c		0.11 (0.03)		c c		c c		0.19 (0.04)		0.13 (0.03)		0.00 (0.05)		0.06 (0.05)		0.13 (0.06)		-0.19 (0.07)		
Jordan	-0.23 (0.04)		-0.01 (0.03)		-0.23 (0.03)		-0.18 (0.11)		-0.05 (0.10)		-0.19 (0.07)		-0.33 (0.05)		-0.15 (0.05)		0.14 (0.09)		-0.18 (0.07)		0.04 (0.08)		
Kazakhstan	0.62 (0.05)		-0.12 (0.05)		0.74 (0.03)		0.65 (0.07)		0.08 (0.06)		0.75 (0.05)		0.72 (0.06)		0.69 (0.06)		0.03 (0.08)		0.03 (0.08)		-0.06 (0.08)		
Latvia	0.14 (0.06)		0.06 (0.06)		0.06 (0.04)		0.30 (0.16)		-0.25 (0.16)		0.16 (0.07)		0.11 (0.05)		-0.02 (0.07)		0.05 (0.09)		0.13 (0.08)		-0.18 (0.09)		
Liechtenstein	0.25 (0.02)		0.01 (0.03)		0.25 (0.01)		c c		c c		c c		0.24 (0.01)		c c		c c		c c		c c		
Lithuania	0.39 (0.07)		0.11 (0.06)		0.28 (0.03)		c c		c c		0.29 (0.06)		0.20 (0.05)		0.36 (0.04)		0.08 (0.08)		<				



[Part 1/3]

Impact of socio-economic status after accounting for student characteristics and educational resources at school

Table II.4.11 Results based on students' self-reports

	Observed impact of ESCS ¹ on mathematics performance				...after accounting for student's gender, immigrant background, language spoken at home and school location				...and school climate: parental pressure to achieve ²				...and school disciplinary climate ³			
	Student's socio-economic status		School socio-economic profile		Student's socio-economic status		School socio-economic profile		Student's socio-economic status		School socio-economic profile		Student's socio-economic status		School socio-economic profile	
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.
OECD	24	(1.2)	64	(3.8)	24	(1.1)	58	(3.8)	24	(1.1)	53	(3.8)	24	(1.1)	43	(4.3)
Australia	15	(1.6)	86	(5.5)	10	(2.0)	87	(5.0)	10	(2.0)	86	(5.7)	11	(1.9)	72	(5.3)
Austria	18	(1.4)	101	(5.4)	16	(1.5)	99	(5.9)	16	(1.5)	97	(6.2)	16	(1.5)	76	(5.8)
Belgium	23	(1.1)	41	(4.8)	23	(1.1)	38	(4.7)	23	(1.1)	32	(5.2)	23	(1.1)	27	(4.5)
Canada	9	(1.2)	46	(2.4)	9	(1.2)	49	(2.6)	9	(1.2)	44	(2.8)	9	(1.3)	42	(3.3)
Chile	14	(2.0)	127	(6.2)	14	(2.0)	133	(6.4)	14	(2.0)	129	(6.7)	14	(2.0)	112	(6.7)
Czech Republic	31	(1.6)	39	(4.3)	29	(1.6)	35	(4.9)	29	(1.7)	36	(4.9)	30	(1.7)	25	(5.1)
Denmark	20	(1.6)	39	(5.2)	20	(1.6)	45	(5.8)	20	(1.6)	45	(5.8)	20	(1.8)	45	(6.0)
Estonia	30	(1.6)	28	(6.7)	27	(1.7)	38	(6.7)	27	(1.7)	38	(6.7)	28	(1.7)	24	(5.9)
Finland	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
France	11	(1.3)	104	(5.5)	8	(1.5)	108	(6.1)	8	(1.5)	111	(6.5)	8	(1.5)	94	(6.2)
Germany	18	(1.4)	54	(4.1)	17	(1.5)	56	(4.6)	17	(1.5)	54	(5.0)	17	(1.5)	48	(5.0)
Greece	7	(1.4)	96	(4.9)	6	(1.3)	101	(5.1)	6	(1.3)	94	(5.7)	6	(1.3)	86	(6.0)
Hungary	24	(2.5)	37	(5.1)	23	(2.6)	33	(6.0)	23	(2.6)	34	(6.5)	22	(2.6)	31	(6.3)
Iceland	26	(1.6)	53	(4.6)	26	(1.6)	54	(4.2)	25	(1.7)	50	(5.4)	25	(1.7)	53	(4.6)
Ireland	23	(1.9)	98	(7.5)	25	(1.8)	92	(7.1)	25	(1.9)	91	(7.2)	25	(1.9)	85	(6.4)
Israel	7	(0.7)	83	(3.8)	5	(0.8)	86	(3.9)	5	(0.9)	82	(4.3)	5	(0.8)	67	(4.9)
Italy	4	(1.8)	149	(6.8)	4	(1.7)	147	(7.6)	4	(1.7)	129	(9.5)	4	(1.7)	117	(10.0)
Japan	15	(2.0)	113	(10.5)	15	(2.0)	111	(10.4)	15	(2.0)	102	(11.1)	14	(2.1)	81	(8.3)
Korea	18	(1.4)	69	(2.0)	14	(1.6)	66	(2.2)	14	(1.6)	67	(2.3)	14	(1.6)	63	(2.4)
Luxembourg	5	(0.5)	29	(1.3)	5	(0.5)	28	(1.6)	5	(0.5)	28	(1.6)	5	(0.5)	26	(1.6)
Mexico	8	(1.7)	146	(10.1)	6	(1.8)	148	(11.0)	6	(1.8)	141	(14.8)	7	(1.9)	124	(14.1)
Netherlands	35	(2.0)	66	(5.2)	33	(2.3)	65	(5.1)	33	(2.3)	58	(5.7)	33	(2.3)	53	(6.3)
New Zealand	26	(2.3)	46	(9.9)	24	(2.2)	40	(10.9)	24	(2.2)	41	(11.8)	24	(2.2)	38	(9.2)
Norway	31	(1.9)	38	(7.1)	31	(1.9)	41	(10.0)	31	(1.9)	41	(10.1)	31	(1.9)	37	(8.0)
Poland	23	(1.4)	33	(4.1)	23	(1.4)	39	(3.9)	23	(1.4)	41	(4.3)	23	(1.4)	39	(4.0)
Portugal	23	(1.9)	81	(6.4)	21	(2.0)	81	(6.5)	21	(2.0)	80	(6.8)	21	(2.0)	75	(7.8)
Slovak Republic	4	(1.6)	121	(3.6)	1	(1.5)	125	(3.7)	1	(1.5)	124	(4.0)	1	(1.6)	108	(4.6)
Slovenia	26	(1.0)	27	(3.0)	25	(1.1)	25	(3.2)	25	(1.1)	24	(3.5)	25	(1.1)	20	(3.4)
Spain	28	(2.0)	43	(6.9)	24	(2.0)	32	(7.1)	24	(2.0)	32	(7.6)	24	(2.0)	27	(7.2)
Sweden	24	(1.7)	66	(6.5)	17	(1.8)	68	(6.5)	18	(1.9)	65	(6.6)	17	(1.9)	65	(6.3)
Switzerland	6	(1.0)	83	(6.8)	6	(1.1)	90	(6.1)	6	(1.1)	89	(6.7)	6	(1.1)	72	(5.3)
Turkey	23	(1.6)	73	(6.8)	24	(1.7)	75	(7.1)	24	(1.7)	73	(8.1)	24	(1.7)	66	(9.2)
United Kingdom	24	(1.8)	41	(5.0)	25	(1.9)	42	(5.2)	26	(2.0)	39	(6.5)	25	(2.0)	34	(6.2)
United States	19	(0.3)	72	(1.0)	18	(0.3)	72	(1.1)	18	(0.3)	70	(1.2)	18	(0.3)	61	(1.1)
OECD average																
Partners	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Albania	9	(1.1)	49	(5.7)	9	(1.2)	49	(5.3)	9	(1.2)	47	(5.1)	9	(1.2)	41	(5.4)
Argentina	8	(0.7)	46	(3.2)	8	(0.7)	50	(3.3)	8	(0.7)	51	(3.4)	8	(0.7)	47	(3.0)
Brazil	11	(1.5)	70	(6.0)	12	(1.5)	71	(6.9)	12	(1.5)	67	(8.4)	11	(1.5)	57	(7.2)
Bulgaria	11	(1.2)	35	(3.4)	10	(1.2)	40	(3.7)	10	(1.2)	40	(3.7)	10	(1.2)	37	(4.1)
Colombia	10	(0.9)	34	(3.0)	9	(0.9)	36	(3.7)	9	(0.9)	36	(3.8)	9	(0.9)	31	(3.6)
Costa Rica	12	(1.5)	89	(8.0)	10	(1.5)	97	(8.2)	10	(1.5)	95	(8.9)	10	(1.5)	67	(8.0)
Croatia	20	(1.8)	72	(3.1)	20	(1.7)	80	(4.0)	20	(1.8)	78	(4.2)	20	(1.8)	73	(4.4)
Cyprus*	5	(1.4)	65	(7.0)	5	(1.4)	66	(6.6)	5	(1.4)	64	(6.1)	5	(1.4)	59	(7.1)
Hong Kong-China	5	(1.0)	37	(6.1)	6	(1.0)	38	(8.3)	6	(1.0)	38	(8.3)	6	(1.1)	39	(8.0)
Indonesia	11	(1.3)	46	(9.0)	13	(1.2)	40	(9.6)	13	(1.3)	40	(9.9)	13	(1.3)	39	(7.4)
Jordan	15	(1.7)	44	(8.8)	15	(1.7)	50	(9.3)	15	(1.7)	49	(9.5)	15	(1.7)	41	(9.8)
Kazakhstan	21	(1.8)	42	(4.5)	22	(1.8)	46	(6.0)	22	(1.8)	42	(6.1)	22	(1.8)	43	(5.7)
Latvia	8	(6.3)	129	(12.6)	4	(7.2)	120	(12.9)	4	(7.0)	94	(15.5)	2	(6.8)	118	(13.2)
Liechtenstein	19	(1.5)	65	(4.6)	19	(1.5)	74	(6.6)	18	(1.5)	75	(6.5)	18	(1.5)	67	(6.0)
Lithuania	7	(1.8)	38	(3.1)	9	(1.9)	48	(3.5)	9	(1.9)	49	(3.5)	9	(1.7)	34	(3.5)
Macao-China	15	(1.4)	49	(5.2)	15	(1.4)	41	(5.8)	15	(1.4)	38	(5.6)	15	(1.5)	30	(5.6)
Malaysia	12	(1.3)	100	(3.5)	12	(1.3)	101	(3.6)	12	(1.3)	102	(3.6)	12	(1.3)	99	(3.7)
Montenegro	10	(1.3)	48	(2.5)	10	(1.2)	46	(4.0)	10	(1.2)	45	(4.1)	9	(1.2)	45	(4.0)
Peru	8	(1.4)	75	(2.3)	9	(1.3)	50	(2.2)	10	(1.3)	52	(2.3)	9	(1.3)	42	(2.2)
Qatar	16	(1.8)	57	(6.3)	15	(1.8)	63	(7.2)	16	(1.8)	64	(7.3)	15	(1.8)	49	(8.2)
Romania	26	(2.2)	42	(7.3)	26	(2.1)	41	(7.6)	26	(2.2)	43	(7.7)	26	(2.2)	28	(7.9)
Russian Federation	9	(1.3)	101	(6.3)	9	(1.2)	103	(7.7)	8	(1.2)	95	(7.4)	9	(1.2)	86	(7.9)
Serbia	10	(1.6)	88	(5.3)	9	(1.6)	87	(5.3)	9	(1.6)	88	(5.5)	9	(1.6)	67	(5.9)
Shanghai-China	21	(1.7)	85	(5.8)	20	(2.0)	91	(5.7)	20	(2.0)	89	(6.6)	21	(2.0)	60	(6.5)
Singapore	27	(1.7)	124	(7.1)	26	(1.8)	118	(8.2)	26	(1.8)	116	(8.4)	25	(2.0)	91	(10.4)
Chinese Taipei	8	(1.2)	33	(4.3)	10	(1.2)	44	(5.1)	10	(1.2)	42	(5.4)	10	(1.2)	39	(5.2)
Thailand	6	(0.9)	45	(6.1)	6	(0.9)	47	(6.0)	5	(0.9)	46	(5.7)	6	(0.9)	47	(5.5)
Tunisia	12	(1.3)	71	(5.8)	14	(1.2)	56	(5.1)	14	(1.2)	55	(5.1)	14	(1.2)	50	(4.8)
United Arab Emirates	15	(1.2)	52	(3.0)	15	(1.3)	51	(3.2)	15	(1.3)	51	(3.3)	15	(1.3)	43	(4.2)
Uruguay	8	(1.3)	50	(5.2)	7	(1.3)	65	(7.9)	7	(1.3)	60	(7.6)	7	(1.3)	66	(6.2)
Viet Nam																

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

All the models presented here include student- and school-level socio-economic status. Then individual characteristics (gender, immigrant background and language at home) and school location are included. All of these variables are kept for each model. School- and student-level variables measuring availability and quality of resources are introduced one group at a time. At the end, all variables are combined in a single model: The "combined model". Some students, schools and countries do not have data for some of these variables, therefore they are not included in the combined model. Then a baseline model, with only student- and school-level socio-economic status is presented, where all students, schools and countries without data have been omitted, which allows for a more direct comparison with the estimates in the combined model.

1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. Parental pressure to achieve is based on the school-level index (PARPRES).

3. School climate includes the following variables: *xdiscim* (aggregated to the school level from the student questionnaire), *studclim* and *teacclim*, both school-level indices measuring student and teacher factors related to school disciplinary climate.

4. Opportunity to learn includes the following variables: index of exposure to formal mathematics, index to exposure to word problems, index of exposure to applied mathematics (the simple index and the index squared), all of these indices.

5. Opportunity to learn at the school level includes all of the same opportunity-to-learn indices at both the student and the school levels (except applied mathematics squared).

6. Teacher profile includes the following variables: student-teacher ratio, composition and qualifications of mathematics teaching staff, proportion of certified teachers and teacher shortage.

7. School educational resources and physical infrastructure include: shortage of educational physical infrastructure and shortage of educational resources in school.

8. School proportion of early school-leavers includes: behavioural outcomes – dropout.

* See notes at the beginning of this Annex.

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[Part 2/3]

Impact of socio-economic status after accounting for student characteristics and educational resources at school

Table II.4.11 Results based on students' self-reports

	...and opportunity to learn (student level) ⁴				...and opportunity to learn (school level) ⁵				...and teacher profile ⁶				...and school educational resources and physical infrastructure ⁷			
	Student's socio-economic status		School socio-economic profile		Student's socio-economic status		School socio-economic profile		Student's socio-economic status		School socio-economic profile		Student's socio-economic status		School socio-economic profile	
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.
OECD	8	(1.5)	38	(3.8)	9	(1.4)	26	(4.3)	24	(1.2)	56	(4.5)	24	(1.1)	58	(4.5)
Australia	4	(2.1)	60	(5.6)	5	(2.1)	37	(8.2)	9	(2.4)	79	(7.8)	9	(2.1)	88	(6.1)
Austria	6	(1.5)	72	(5.0)	7	(1.5)	66	(7.6)	17	(1.8)	75	(8.6)	16	(1.5)	98	(5.8)
Belgium	12	(1.3)	30	(4.4)	12	(1.3)	22	(4.8)	24	(1.4)	36	(5.4)	23	(1.1)	38	(4.7)
Canada	5	(1.7)	37	(2.9)	6	(1.6)	19	(4.2)	9	(1.4)	48	(2.9)	9	(1.2)	48	(2.8)
Chile	7	(2.5)	97	(7.6)	7	(2.4)	83	(10.1)	14	(2.1)	118	(7.3)	14	(2.0)	134	(6.5)
Czech Republic	20	(1.9)	18	(4.8)	20	(1.9)	19	(5.3)	m	m	m	m	30	(1.7)	34	(5.3)
Denmark	13	(2.0)	46	(5.8)	13	(2.0)	41	(6.1)	20	(1.7)	48	(5.8)	20	(1.7)	44	(5.9)
Estonia	17	(1.7)	27	(6.2)	17	(1.7)	30	(5.9)	27	(1.6)	30	(5.9)	28	(1.6)	39	(6.9)
Finland	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
France	2	(2.1)	74	(5.6)	4	(2.1)	45	(6.9)	8	(1.9)	103	(8.1)	8	(1.5)	109	(6.1)
Germany	14	(1.8)	49	(5.2)	15	(1.8)	34	(6.2)	16	(2.0)	57	(6.1)	17	(1.5)	57	(4.7)
Greece	2	(1.6)	84	(4.9)	2	(1.6)	60	(6.2)	m	m	m	m	6	(1.3)	102	(5.1)
Hungary	20	(2.8)	19	(6.6)	20	(2.8)	16	(7.5)	24	(3.0)	39	(7.0)	22	(2.7)	34	(6.3)
Iceland	16	(1.7)	42	(4.4)	16	(1.7)	40	(5.3)	25	(1.9)	58	(5.3)	25	(1.8)	61	(4.6)
Ireland	18	(2.3)	82	(6.8)	18	(2.3)	68	(8.4)	25	(2.2)	101	(8.3)	25	(2.0)	96	(6.8)
Israel	2	(1.1)	66	(3.6)	3	(1.0)	40	(4.4)	5	(0.9)	71	(5.1)	5	(0.8)	85	(4.0)
Italy	0	(2.1)	112	(8.3)	1	(2.1)	59	(11.5)	m	m	m	m	4	(1.7)	148	(7.8)
Japan	5	(2.0)	71	(8.1)	7	(2.0)	12	(9.6)	15	(2.1)	120	(11.9)	14	(2.1)	109	(10.1)
Korea	8	(1.9)	56	(3.0)	9	(1.8)	41	(5.3)	14	(1.6)	66	(2.6)	14	(1.6)	68	(2.2)
Luxembourg	3	(0.7)	22	(1.7)	3	(0.7)	15	(2.0)	5	(0.8)	26	(2.7)	5	(0.5)	27	(1.7)
Mexico	-3	(2.2)	91	(11.8)	0	(2.2)	29	(15.2)	7	(2.5)	113	(19.9)	6	(1.8)	148	(10.9)
Netherlands	17	(2.4)	44	(4.5)	17	(2.4)	40	(5.7)	32	(2.4)	68	(6.7)	33	(2.3)	65	(5.0)
New Zealand	25	(2.8)	32	(11.5)	25	(2.8)	28	(11.3)	24	(2.4)	42	(12.3)	24	(2.3)	46	(10.6)
Norway	24	(1.8)	35	(8.8)	24	(1.8)	28	(8.9)	32	(2.0)	40	(11.7)	31	(1.9)	40	(9.6)
Poland	17	(1.5)	35	(4.2)	17	(1.5)	26	(4.5)	24	(1.6)	37	(5.6)	23	(1.4)	39	(4.3)
Portugal	17	(2.3)	69	(6.8)	17	(2.3)	50	(8.9)	23	(2.5)	83	(7.7)	21	(2.0)	81	(6.5)
Slovak Republic	0	(2.1)	113	(4.3)	0	(2.0)	90	(5.4)	1	(1.6)	126	(4.2)	1	(1.6)	126	(4.1)
Slovenia	13	(1.2)	20	(2.9)	13	(1.2)	18	(3.8)	24	(1.2)	22	(4.1)	25	(1.1)	25	(3.4)
Spain	22	(2.5)	26	(7.4)	22	(2.5)	22	(8.0)	25	(2.4)	29	(7.3)	24	(2.0)	32	(7.2)
Sweden	12	(1.9)	46	(5.4)	12	(1.8)	45	(5.7)	16	(1.9)	61	(7.0)	17	(1.9)	68	(6.5)
Switzerland	3	(1.5)	82	(6.1)	4	(1.4)	57	(6.3)	6	(1.2)	93	(7.1)	6	(1.1)	90	(6.9)
Turkey	9	(1.8)	51	(5.4)	10	(1.8)	45	(6.5)	25	(1.9)	70	(8.2)	24	(1.7)	75	(6.9)
United Kingdom	14	(2.1)	32	(4.7)	14	(2.1)	24	(6.1)	25	(2.2)	41	(5.6)	25	(2.0)	40	(5.4)
United States	11	(0.3)	55	(1.0)	11	(0.3)	39	(1.3)	18	(0.3)	67	(1.4)	18	(0.3)	73	(1.1)
OECD average																
Partners																
Albania	6	(1.4)	39	(5.4)	6	(1.4)	34	(6.6)	9	(1.4)	56	(5.4)	9	(1.2)	47	(6.2)
Argentina	4	(0.9)	40	(3.0)	5	(0.9)	21	(3.6)	m	m	m	m	8	(0.7)	49	(3.6)
Brazil	7	(1.7)	64	(7.2)	7	(1.8)	46	(10.1)	m	m	m	m	12	(1.5)	70	(7.1)
Bulgaria	3	(1.5)	31	(3.2)	3	(1.5)	26	(3.9)	9	(1.8)	40	(4.6)	10	(1.2)	39	(3.7)
Colombia	7	(1.4)	29	(3.5)	7	(1.3)	19	(4.0)	8	(1.3)	32	(5.4)	9	(0.9)	33	(3.7)
Costa Rica	7	(1.8)	81	(7.9)	7	(1.8)	51	(7.3)	12	(1.8)	112	(11.5)	11	(1.5)	98	(8.1)
Croatia	15	(2.0)	59	(4.6)	15	(2.0)	22	(5.6)	21	(1.9)	64	(5.0)	21	(1.8)	78	(4.2)
Cyprus*	0	(1.8)	65	(5.9)	1	(1.8)	52	(5.9)	5	(1.4)	61	(7.0)	5	(1.4)	67	(6.7)
Hong Kong-China	5	(1.6)	32	(7.3)	6	(1.5)	13	(6.8)	5	(1.1)	21	(8.1)	6	(1.0)	35	(7.1)
Indonesia	9	(1.4)	39	(9.2)	9	(1.4)	33	(8.4)	12	(1.4)	49	(7.1)	13	(1.2)	40	(9.9)
Jordan	11	(2.1)	47	(9.2)	11	(2.1)	35	(9.4)	14	(1.9)	52	(9.2)	15	(1.7)	50	(9.3)
Kazakhstan	15	(2.3)	43	(6.1)	16	(2.3)	40	(6.6)	20	(2.3)	47	(8.4)	22	(1.8)	47	(5.8)
Latvia	0	(7.9)	64	(25.6)	5	(7.0)	-8	(26.7)	4	(6.0)	32	(16.5)	3	(6.9)	87	(13.5)
Liechtenstein	14	(1.7)	62	(6.6)	14	(1.7)	52	(7.3)	17	(1.8)	76	(7.9)	19	(1.5)	74	(6.7)
Lithuania	2	(2.0)	41	(4.5)	4	(1.8)	19	(4.5)	9	(1.8)	43	(3.7)	9	(1.9)	47	(3.5)
Macao-China	9	(1.7)	33	(5.6)	10	(1.7)	16	(6.0)	15	(1.7)	37	(6.6)	15	(1.4)	41	(5.7)
Malaysia	8	(1.6)	94	(4.1)	8	(1.6)	67	(5.5)	11	(1.8)	90	(6.9)	12	(1.3)	101	(3.6)
Montenegro	6	(1.4)	35	(3.7)	6	(1.4)	23	(4.3)	9	(1.4)	44	(5.0)	10	(1.2)	46	(4.0)
Peru	4	(1.5)	49	(3.1)	5	(1.5)	40	(3.2)	8	(1.4)	47	(2.7)	9	(1.3)	52	(2.3)
Qatar	12	(1.9)	53	(7.2)	12	(1.9)	40	(8.6)	15	(1.8)	66	(6.7)	15	(1.8)	63	(7.2)
Romania	23	(2.5)	35	(8.0)	23	(2.5)	31	(9.3)	25	(2.3)	39	(7.9)	26	(2.1)	41	(7.8)
Russian Federation	7	(1.7)	86	(7.8)	7	(1.6)	68	(8.6)	7	(2.0)	103	(16.6)	9	(1.3)	102	(7.7)
Serbia	7	(1.8)	73	(5.1)	8	(1.8)	53	(6.3)	9	(1.6)	79	(5.7)	9	(1.6)	87	(5.5)
Shanghai-China	4	(2.0)	65	(4.5)	5	(2.0)	27	(5.5)	20	(2.0)	87	(5.2)	22	(2.1)	84	(5.8)
Singapore	14	(1.9)	98	(6.7)	15	(1.9)	59	(9.8)	26	(2.1)	90	(11.5)	25	(2.0)	118	(8.6)
Chinese Taipei	6	(1.4)	37	(5.5)	6	(1.4)	23	(6.5)	10	(1.2)	43	(5.8)	10	(1.2)	44	(5.2)
Thailand	5	(1.3)	47	(5.7)	5	(1.3)	38	(5.3)	6	(1.0)	43	(6.7)	6	(0.9)	47	(6.1)
Tunisia	9	(1.4)	44	(4.6)	9	(1.4)	36	(4.8)	m	m	m	m	14	(1.2)	54	(5.1)
United Arab Emirates	10	(1.5)	35	(3.6)	11	(1.5)	22	(4.6)	15	(1.3)	49	(4.0)	15	(1.3)	47	(3.6)
Uruguay	5	(1.6)	52	(7.1)	5	(1.6)	22	(7.7)	8	(1.4)	65	(8.3)	7	(1.3)	65	(7.9)
Viet Nam																

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

All the models presented here include student- and school-level socio-economic status. Then individual characteristics (gender, immigrant background and language at home) and school location are included. All of these variables are kept for each model. School- and student-level variables measuring availability and quality of resources are introduced one group at a time. At the end, all variables are combined in a single model: The "combined model". Some students, schools and countries do not have data for some of these variables, therefore they are not included in the combined model. Then a baseline model, with only student- and school-level socio-economic status is presented, where all students, schools and countries without data have been omitted, which allows for a more direct comparison with the estimates in the combined model.

1. ESCS refers to the PISA index of economic, social and cultural status.

2. Parental pressure to achieve is based on the school-level index (PARPRES).

3. School climate includes the following variables: xdisclim (aggregated to the school level from the student questionnaire), studclim and teacclim, both school-level indices measuring student and teacher factors related to school disciplinary climate.

4. Opportunity to learn includes the following variables: index of exposure to formal mathematics, index to exposure to word problems, index of exposure to applied mathematics (the simple index and the index squared), all of these indices.

5. Opportunity to learn at the school level includes all of the same opportunity-to-learn indices at both the student and the school levels (except applied mathematics squared).

6. Teacher profile includes the following variables: student-teacher ratio, composition and qualifications of mathematics teaching staff, proportion of certified teachers and teacher shortage.

7. School educational resources and physical infrastructure include: shortage of educational physical infrastructure and shortage of educational resources in school.

8. School proportion of early school-leavers includes: behavioural outcomes – dropout.

* See notes at the beginning of this Annex.

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[Part 3/3]

Impact of socio-economic status after accounting for student characteristics and educational resources at school

Table II.4.11 Results based on students' self-reports

	...and percentage of early school-leavers ⁸				Combined model				Original model with all missing observations across variables dropped			
	Student's socio-economic status		School socio-economic profile		Student's socio-economic status		School socio-economic profile		Student's socio-economic status		School socio-economic profile	
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.
OECD	24	(1.2)	56	(4.0)	9	(1.6)	22	(5.6)	22	(1.8)	66	(5.2)
Australia	11	(2.0)	85	(5.5)	4	(2.7)	28	(14.9)	12	(2.6)	90	(10.5)
Austria	16	(1.7)	93	(7.4)	7	(2.2)	48	(11.3)	19	(2.1)	102	(7.4)
Belgium	24	(1.2)	36	(5.6)	13	(1.8)	20	(6.7)	22	(2.0)	41	(6.2)
Canada	9	(1.3)	48	(2.7)	6	(1.8)	18	(5.4)	10	(2.0)	45	(3.0)
Chile	14	(2.1)	134	(7.4)	7	(2.8)	66	(10.3)	13	(3.0)	120	(7.4)
Czech Republic	29	(1.7)	33	(4.9)	c	c	c	c	c	c	c	c
Denmark	20	(1.7)	45	(6.0)	13	(2.2)	43	(7.6)	18	(2.4)	42	(6.3)
Estonia	27	(1.7)	36	(6.8)	17	(1.8)	28	(5.8)	31	(2.0)	16	(7.5)
Finland	w	w	w	w	w	w	w	w	w	w	w	w
France	9	(1.5)	103	(6.1)	4	(2.5)	44	(8.8)	12	(2.6)	101	(7.3)
Germany	17	(1.5)	44	(4.7)	16	(2.4)	33	(7.8)	19	(2.6)	53	(5.8)
Greece	6	(1.3)	100	(5.1)	c	c	c	c	c	c	c	c
Hungary	23	(2.6)	34	(6.1)	17	(3.1)	12	(9.7)	23	(3.2)	32	(6.8)
Iceland	26	(1.7)	51	(4.2)	14	(2.0)	37	(8.0)	24	(2.3)	57	(6.4)
Ireland	25	(1.8)	94	(7.5)	18	(2.6)	62	(10.5)	27	(2.8)	99	(9.3)
Israel	5	(0.9)	78	(4.6)	3	(1.2)	33	(5.5)	7	(1.3)	76	(5.0)
Italy	4	(1.7)	132	(9.1)	c	c	c	c	c	c	c	c
Japan	14	(2.0)	102	(10.1)	6	(2.1)	14	(10.2)	16	(2.4)	114	(10.3)
Korea	15	(1.8)	64	(2.5)	11	(1.9)	63	(12.1)	18	(2.0)	62	(3.0)
Luxembourg	5	(0.5)	28	(1.6)	3	(1.1)	15	(3.1)	5	(1.2)	27	(2.6)
Mexico	6	(1.9)	143	(12.9)	2	(2.9)	20	(17.2)	10	(3.4)	137	(20.8)
Netherlands	33	(2.3)	35	(8.4)	18	(2.3)	24	(8.1)	32	(2.7)	75	(6.2)
New Zealand	m	m	m	m	c	c	c	c	c	c	c	c
Norway	32	(1.9)	38	(10.7)	25	(2.1)	27	(9.2)	33	(2.3)	33	(9.0)
Poland	23	(1.4)	41	(4.0)	19	(1.8)	27	(5.6)	25	(2.0)	35	(5.5)
Portugal	21	(2.3)	76	(7.8)	19	(2.9)	45	(10.9)	25	(3.1)	90	(7.8)
Slovak Republic	1	(1.5)	122	(4.0)	0	(2.3)	85	(5.9)	4	(2.5)	125	(4.8)
Slovenia	25	(1.1)	21	(3.6)	12	(1.5)	15	(5.3)	24	(1.7)	31	(4.2)
Spain	24	(2.1)	24	(8.7)	22	(2.9)	18	(11.7)	27	(2.8)	38	(7.9)
Sweden	m	m	m	m	c	c	c	c	c	c	c	c
Switzerland	6	(1.1)	89	(6.7)	4	(1.5)	53	(7.7)	5	(1.6)	87	(7.5)
Turkey	24	(1.8)	75	(7.8)	10	(1.9)	44	(9.2)	23	(2.5)	71	(8.7)
United Kingdom	25	(2.0)	37	(5.9)	14	(2.3)	25	(7.5)	26	(2.4)	35	(5.8)
United States	18	(0.3)	69	(1.2)	11	(0.4)	35	(1.7)	19	(0.5)	69	(1.5)
OECD average												
Partners	m	m	m	m	m	m	m	m	m	m	m	m
Albania	9	(1.2)	47	(6.5)	8	(2.1)	35	(8.7)	11	(2.3)	51	(4.9)
Argentina	8	(0.8)	47	(3.4)	c	c	c	c	c	c	c	c
Brazil	12	(1.5)	66	(7.5)	c	c	c	c	c	c	c	c
Bulgaria	10	(1.2)	39	(3.9)	3	(2.2)	22	(5.2)	8	(2.5)	38	(4.5)
Colombia	10	(1.2)	29	(4.6)	6	(2.7)	14	(7.0)	10	(2.8)	32	(5.5)
Costa Rica	10	(1.6)	92	(8.5)	8	(2.2)	50	(9.4)	23	(2.3)	104	(11.2)
Croatia	20	(1.8)	69	(4.5)	17	(2.3)	23	(7.7)	23	(2.4)	61	(4.7)
Cyprus*	5	(1.4)	71	(7.1)	0	(1.8)	48	(5.7)	5	(2.1)	69	(8.1)
Hong Kong-China	7	(1.1)	42	(8.2)	3	(1.8)	8	(8.4)	3	(1.9)	32	(9.3)
Indonesia	14	(1.3)	39	(10.0)	8	(1.9)	46	(6.3)	13	(1.9)	63	(10.1)
Jordan	15	(1.7)	50	(9.4)	10	(2.2)	34	(9.1)	12	(2.3)	52	(10.0)
Kazakhstan	22	(1.9)	40	(6.5)	15	(2.9)	39	(9.7)	21	(3.3)	34	(7.6)
Latvia	m	m	m	m	c	c	c	c	c	c	c	c
Liechtenstein	18	(1.5)	72	(6.7)	14	(1.8)	48	(9.1)	17	(2.0)	64	(5.6)
Lithuania	9	(1.9)	38	(3.7)	3	(1.7)	9	(5.3)	9	(2.2)	36	(5.0)
Macao-China	15	(1.5)	44	(6.4)	10	(2.1)	11	(8.1)	15	(2.3)	51	(7.2)
Malaysia	12	(1.3)	102	(3.3)	8	(2.1)	78	(12.0)	11	(2.3)	90	(6.5)
Montenegro	10	(1.1)	44	(4.2)	6	(1.7)	23	(5.5)	13	(1.9)	43	(3.9)
Peru	10	(1.3)	49	(2.6)	5	(1.7)	27	(4.5)	9	(2.1)	65	(4.7)
Qatar	15	(1.8)	57	(7.0)	12	(2.0)	39	(9.1)	16	(2.2)	57	(6.5)
Romania	26	(2.2)	41	(7.8)	22	(3.0)	23	(11.4)	27	(3.0)	48	(8.4)
Russian Federation	9	(1.4)	107	(8.4)	6	(2.6)	29	(15.0)	11	(2.8)	94	(12.9)
Serbia	9	(1.7)	83	(5.8)	6	(1.6)	42	(6.6)	10	(2.0)	88	(5.6)
Shanghai-China	20	(2.0)	88	(5.4)	6	(2.1)	18	(6.2)	20	(2.4)	87	(6.4)
Singapore	26	(1.8)	119	(8.3)	15	(2.3)	38	(11.3)	27	(2.5)	119	(8.8)
Singapore Chinese Taipei	10	(1.3)	37	(5.6)	6	(1.4)	26	(6.8)	9	(1.5)	35	(4.7)
Thailand	5	(1.1)	50	(7.4)	7	(1.7)	39	(7.0)	8	(1.7)	30	(6.2)
Tunisia	15	(1.3)	49	(5.2)	c	c	c	c	c	c	c	c
United Arab Emirates	15	(1.4)	49	(3.8)	11	(1.6)	10	(4.8)	16	(1.7)	44	(3.7)
Uruguay	8	(1.4)	62	(8.6)	8	(1.7)	23	(9.4)	10	(1.9)	50	(6.4)
Viet Nam												

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

All the models presented here include student- and school-level socio-economic status. Then individual characteristics (gender, immigrant background and language at home) and school location are included. All of these variables are kept for each model. School- and student-level variables measuring availability and quality of resources are introduced one group at a time. At the end, all variables are combined in a single model: The "combined model". Some students, schools and countries do not have data for some of these variables, therefore they are not included in the combined model. Then a baseline model, with only student- and school-level socio-economic status is presented, where all students, schools and countries without data have been omitted, which allows for a more direct comparison with the estimates in the combined model.

1. ESCS refers to the PISA index of economic, social and cultural status.

2. Parental pressure to achieve is based on the school-level index (PARPRES).

3. School climate includes the following variables: xdisclim (aggregated to the school level from the student questionnaire), studclim and teacclim, both school-level indices measuring student and teacher factors related to school disciplinary climate.

4. Opportunity to learn includes the following variables: index of exposure to formal mathematics, index of exposure to word problems, index of exposure to applied mathematics (the simple index and the index squared), all of these indices.


5. Opportunity to learn at the school level includes all of the same opportunity-to-learn indices at both the student and the school levels (except applied mathematics squared).

6. Teacher profile includes the following variables: student-teacher ratio, composition and qualifications of mathematics teaching staff, proportion of certified teachers and teacher shortage.

7. School educational resources and physical infrastructure include: shortage of educational physical infrastructure and shortage of educational resources in school.

8. School proportion of early school-leavers includes: behavioural outcomes – dropout.

* See notes at the beginning of this Annex.

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[Part 1/3]
Pre-primary school attendance, mathematics performance and students' socio-economic status
Results based on students' self-reports


Table II.4.12

	Percentage of students with						Mean ESCS ¹						Average mathematics performance of students with						
	No pre-primary school attendance		Pre-primary school attendance for one year or less		Pre-primary school attendance for more than one year		No pre-primary school attendance		Pre-primary school attendance for one year or less		Pre-primary school attendance for more than one year		No pre-primary school attendance		Pre-primary school attendance for one year or less		Pre-primary school attendance for more than one year		
	%	S.E.	%	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	
OECD																			
Australia	4.5	(0.2)	43.6	(0.6)	51.9	(0.6)	-0.1	(0.0)	0.2	(0.0)	0.4	(0.0)	463	(5.3)	500	(1.8)	516	(2.0)	
Austria	1.8	(0.3)	10.5	(0.6)	87.7	(0.7)	-0.8	(0.2)	-0.2	(0.0)	0.1	(0.0)	447	(14.4)	482	(5.9)	510	(2.6)	
Belgium	2.3	(0.2)	4.5	(0.3)	93.2	(0.4)	-0.4	(0.1)	-0.2	(0.1)	0.2	(0.0)	437	(8.1)	443	(7.1)	523	(2.2)	
Canada	9.0	(0.3)	40.4	(0.7)	50.6	(0.6)	0.1	(0.0)	0.3	(0.0)	0.5	(0.0)	500	(3.2)	512	(1.8)	532	(2.6)	
Chile	9.2	(0.7)	56.4	(0.9)	34.4	(0.8)	-1.4	(0.1)	-0.6	(0.0)	-0.3	(0.0)	382	(5.4)	423	(3.0)	436	(3.6)	
Czech Republic	3.2	(0.5)	8.7	(0.6)	88.1	(0.8)	-0.4	(0.1)	-0.2	(0.0)	0.0	(0.0)	435	(15.3)	483	(6.8)	504	(2.7)	
Denmark	1.0	(0.1)	20.0	(0.6)	79.0	(0.6)	0.0	(0.1)	0.3	(0.0)	0.5	(0.0)	445	(11.4)	469	(3.3)	511	(2.2)	
Estonia	7.3	(0.6)	8.7	(0.5)	84.0	(0.8)	-0.2	(0.0)	-0.1	(0.0)	0.2	(0.0)	525	(6.4)	508	(5.4)	522	(2.0)	
Finland	2.4	(0.2)	34.9	(1.0)	62.7	(1.0)	-0.1	(0.1)	0.2	(0.0)	0.5	(0.0)	474	(10.7)	512	(2.6)	527	(2.2)	
France	1.7	(0.2)	6.3	(0.3)	92.0	(0.4)	-0.7	(0.1)	-0.3	(0.1)	0.0	(0.0)	404	(13.6)	440	(5.6)	504	(2.5)	
Germany	3.2	(0.3)	11.0	(0.6)	85.7	(0.7)	-0.1	(0.1)	-0.1	(0.1)	0.3	(0.0)	472	(8.6)	466	(5.2)	529	(3.2)	
Greece	4.6	(0.5)	27.4	(0.9)	68.0	(1.0)	-0.8	(0.1)	-0.2	(0.0)	0.0	(0.0)	395	(7.8)	439	(3.9)	463	(2.5)	
Hungary	0.5	(0.1)	3.9	(0.4)	95.6	(0.4)	c	c	-0.5	(0.1)	-0.2	(0.0)	c	c	433	(10.1)	480	(3.2)	
Iceland	2.0	(0.2)	3.2	(0.3)	94.7	(0.4)	0.1	(0.1)	0.5	(0.1)	0.8	(0.0)	450	(12.1)	463	(9.4)	497	(1.7)	
Ireland	13.6	(0.7)	43.6	(0.9)	42.8	(0.9)	-0.2	(0.0)	0.1	(0.0)	0.3	(0.0)	491	(4.2)	506	(2.8)	503	(2.7)	
Israel	2.1	(0.2)	16.4	(0.8)	81.5	(0.8)	-0.7	(0.1)	0.0	(0.0)	0.2	(0.0)	383	(10.5)	425	(6.0)	481	(4.8)	
Italy	4.3	(0.2)	8.0	(0.2)	87.7	(0.3)	-0.4	(0.0)	-0.1	(0.0)	0.0	(0.0)	429	(4.4)	454	(3.3)	492	(2.1)	
Japan	0.8	(0.1)	2.2	(0.2)	96.9	(0.2)	-0.1	(0.1)	-0.3	(0.1)	-0.1	(0.0)	506	(18.9)	489	(8.0)	540	(3.5)	
Korea	4.5	(0.4)	12.6	(0.7)	82.8	(0.9)	-0.2	(0.1)	-0.1	(0.0)	0.0	(0.0)	533	(8.6)	542	(6.9)	557	(4.5)	
Luxembourg	4.6	(0.3)	12.8	(0.4)	82.6	(0.5)	-0.4	(0.1)	-0.1	(0.0)	0.1	(0.0)	454	(6.4)	455	(4.0)	499	(1.4)	
Mexico	9.4	(0.3)	18.7	(0.3)	71.8	(0.5)	-1.8	(0.0)	-1.3	(0.0)	-1.0	(0.0)	378	(2.5)	411	(1.8)	419	(1.4)	
Netherlands	2.3	(0.3)	2.7	(0.3)	95.0	(0.3)	-0.1	(0.2)	0.1	(0.1)	0.2	(0.0)	484	(12.6)	522	(10.1)	526	(3.4)	
New Zealand	9.1	(0.6)	19.4	(0.7)	71.5	(0.9)	-0.4	(0.0)	-0.1	(0.0)	0.1	(0.0)	454	(6.9)	491	(4.1)	513	(2.5)	
Norway	7.9	(0.4)	5.7	(0.4)	86.4	(0.6)	0.1	(0.0)	0.1	(0.0)	0.5	(0.0)	465	(5.2)	461	(5.8)	496	(2.7)	
Poland	2.5	(0.3)	46.4	(1.5)	51.1	(1.5)	-0.6	(0.1)	-0.5	(0.0)	0.1	(0.0)	471	(9.3)	504	(3.0)	532	(4.8)	
Portugal	14.9	(0.8)	20.7	(0.8)	64.4	(1.1)	-0.9	(0.0)	-0.7	(0.1)	-0.3	(0.1)	461	(4.9)	465	(5.0)	505	(4.0)	
Slovak Republic	6.8	(0.7)	13.1	(0.8)	80.1	(1.1)	-1.0	(0.1)	-0.5	(0.0)	-0.1	(0.0)	391	(8.0)	463	(6.3)	494	(3.5)	
Slovenia	14.6	(0.5)	12.8	(0.6)	72.6	(0.7)	-0.3	(0.0)	-0.1	(0.0)	0.2	(0.0)	484	(4.2)	484	(4.4)	509	(1.6)	
Spain	5.9	(0.3)	8.3	(0.2)	85.9	(0.4)	-0.6	(0.0)	-0.4	(0.0)	-0.1	(0.0)	436	(3.2)	455	(3.9)	492	(1.8)	
Sweden	8.1	(0.5)	20.4	(0.8)	71.5	(0.8)	-0.1	(0.1)	0.2	(0.0)	0.3	(0.0)	442	(6.3)	472	(3.0)	489	(2.4)	
Switzerland	1.8	(0.2)	25.0	(1.8)	73.1	(1.9)	-0.4	(0.1)	0.1	(0.0)	0.2	(0.0)	458	(13.9)	537	(5.2)	532	(3.2)	
Turkey	70.3	(1.4)	21.0	(1.0)	8.7	(0.8)	-1.8	(0.0)	-0.9	(0.0)	-0.3	(0.1)	433	(4.3)	480	(6.0)	495	(10.0)	
United Kingdom	4.7	(0.4)	26.0	(0.6)	69.3	(0.6)	-0.1	(0.1)	0.2	(0.0)	0.3	(0.0)	448	(7.8)	481	(3.7)	507	(2.9)	
United States	1.4	(0.2)	24.0	(0.9)	74.6	(0.9)	-0.3	(0.2)	-0.2	(0.0)	0.3	(0.0)	454	(11.9)	472	(3.6)	487	(4.1)	
OECD average	7.1	(0.1)	18.8	(0.1)	74.1	(0.1)	-0.5	(0.0)	-0.2	(0.0)	0.1	(0.0)	451	(1.6)	475	(0.9)	504	(0.6)	
Partners																			
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Argentina	6.1	(0.9)	22.6	(1.0)	71.4	(1.4)	-1.3	(0.1)	-1.1	(0.1)	-0.5	(0.0)	338	(6.3)	367	(4.2)	403	(3.4)	
Brazil	18.8	(0.6)	33.4	(0.7)	47.8	(0.8)	-1.6	(0.0)	-1.2	(0.0)	-0.9	(0.0)	368	(2.4)	386	(2.0)	408	(2.8)	
Bulgaria	10.2	(0.7)	12.9	(0.6)	76.9	(1.0)	-0.8	(0.1)	-0.4	(0.1)	-0.2	(0.0)	399	(6.6)	427	(6.2)	448	(3.7)	
Colombia	14.2	(0.8)	52.5	(0.8)	33.3	(1.1)	-1.9	(0.1)	-1.3	(0.0)	-0.9	(0.1)	351	(3.9)	379	(3.0)	385	(4.1)	
Costa Rica	15.4	(0.9)	39.6	(1.1)	45.0	(1.2)	-1.5	(0.1)	-1.1	(0.1)	-0.7	(0.1)	384	(4.4)	408	(3.2)	416	(4.0)	
Croatia	26.8	(1.1)	22.4	(0.8)	50.8	(1.1)	-0.7	(0.0)	-0.5	(0.0)	0.0	(0.0)	457	(3.6)	456	(4.0)	487	(5.0)	
Cyprus*	3.5	(0.3)	23.4	(0.6)	73.1	(0.7)	-0.2	(0.1)	0.0	(0.0)	0.1	(0.0)	423	(8.0)	427	(2.5)	448	(1.5)	
Hong Kong-China	1.6	(0.2)	3.3	(0.3)	95.1	(0.4)	-1.3	(0.1)	-1.2	(0.1)	-0.8	(0.1)	483	(15.5)	503	(8.3)	567	(3.1)	
Indonesia	46.1	(2.2)	31.4	(2.0)	22.5	(1.5)	-2.2	(0.0)	-1.6	(0.1)	-1.3	(0.1)	351	(3.7)	390	(4.5)	405	(9.2)	
Jordan	24.1	(1.0)	49.4	(0.9)	26.5	(1.0)	-0.8	(0.0)	-0.4	(0.0)	-0.1	(0.0)	370	(3.1)	393	(2.8)	410	(5.6)	
Kazakhstan	65.0	(1.7)	11.2	(0.6)	23.8	(1.4)	-0.5	(0.0)	-0.1	(0.0)	0.0	(0.0)	425	(3.1)	434	(5.2)	449	(4.8)	
Latvia	11.5	(0.8)	13.3	(0.7)	75.2	(0.9)	-0.6	(0.1)	-0.5	(0.0)	-0.2	(0.0)	485	(6.2)	482	(5.3)	494	(2.9)	
Liechtenstein	0.7	(0.5)	8.6	(1.7)	90.7	(1.8)	c	c	c	c	0.3	(0.1)	c	c	c	c	541	(5.0)	
Lithuania	30.4	(1.0)	13.3	(0.6)	56.3	(1.0)	-0.5	(0.0)	-0.2	(0.0)	0.1	(0.0)	457	(3.3)	472	(4.3)	493	(3.0)	
Macao-China	2.4	(0.2)	11.9	(0.4)	85.7	(0.5)	-0.8	(0.1)	-1.0	(0.0)	-0.9	(0.0)	495	(8.6)	492	(4.0)	547	(1.1)	
Malaysia	23.8	(1.3)	28.7	(1.0)	47.6	(1.4)	-1.0	(0.0)	-0.9	(0.0)	-0.5	(0.0)	399	(3.7)	407	(3.0)	441	(4.2)	
Montenegro	32.8	(0.6)	24.8	(0.6)	42.3	(0.7)	-0.6	(0.0)	-0.3	(0.0)	0.1	(0.0)	393	(2.0)	408	(2.8)	426	(1.9)	
Peru	13.8	(0.7)	25.0	(0.7)	61.1	(1.1)	-2.0	(0.1)	-1.4	(0.0)	-1.0	(0.1)	327	(3.8)	360	(4.0)	384	(4.4)	
Qatar	30.5	(0.5)	41.6	(0.5)	27.9	(0.4)	0.0	(0.0)	0.6	(0.0)	0.7	(0.0)	347	(1.6)	382	(1.4)	410	(2.1)	
Romania	4.5	(0.5)	9.0	(0.5)	86.6	(0.8)	-1.2	(0.2)	-0.7	(0.1)	-0.4	(0.0)	400	(7.7)	419	(5.5)	450	(3.8)	
Russian Federation	18.8	(1.1)	10.1	(0.6)	71.1	(1.4)	-0.5	(0.0)	-0.2	(0.0)	0.0	(0.0)	462	(4.7)	464	(5.0)	491	(3.0)	
Serbia	20.4	(0.9)	28.8	(1.1)	50.8	(1.2)	-0.6	(0.0)	-0.5	(0.0)	-0.1	(0.0)	433	(5.1)	433	(3.3)	465	(4.3)	
Shanghai-China	3.6	(0.6)	8.6	(0.6)	87.8	(1.0)	-1.6	(0.1)	-0.9	(0.1)	-0.3	(0.0)	505	(9.1)	555	(8.5)	623	(2.7)	
Singapore	2.3	(0.2)	7.1	(0.4)	90.6	(0.4)	-0.7	(0.1)	-0.3	(0.1)	-0.2	(0.0)	524	(9.3)	530	(5.5)	579	(1.4)	
Chinese Taipei	1.5	(0.2)	14.7	(0.6)	83.8	(0.6)	-0.7	(0.1)	-0.6	(0.0)	-0.4	(0.0)	508	(19.4)	530	(5.6)	566	(3.3)	
Thailand	1.7	(0.2)	10.5	(0.6)	87.8	(0.6)	-1.8	(0.1)	-1.7	(0.1)	-1.3	(0.0)	375	(11.5)	395	(4.8)	432	(3.5)	
Tunisia	37.5	(1.5)	39.3	(1.1)	23.2	(1.0)	-1.8	(0.0)	-0.9	(0.1)	-0.7	(0.1)	373	(3.8)	394	(4.8)	408	(6.0)	
United Arab Emirates	23.5	(0.7)	26.7	(0.6)	49.8	(0.9)	0.0	(0.0)	0.4	(0.0)	0.5	(0.0)	399	(3.0)	438	(3.4)	454	(2.8)	
Uruguay	16.2	(0.8)	14.2	(0.7)	69.7	(1.0)	-1.3	(0.0)	-1.2	(0.0)	-0.7	(0.0)	370	(3.2)	390	(4.7)	426	(3.2)	
Viet Nam	9.3	(1.0)	22.5	(1.2)	68.2	(1.5)	-2.4	(0.1)	-2.1	(0.0)	-1.6	(0.1)	457	(12.0)	499	(4.4)	523	(4.8)	

Note: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

1. ESCS refers to the PISA index of economic, social and cultural status.

* See notes at the beginning of this Annex.

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[Part 2/3]

Pre-primary school attendance, mathematics performance and students' socio-economic statusTable II.4.12 *Results based on students' self-reports*

	Difference in mathematics performance between students who reported having attended pre-primary school for one year or less and those who had not attended pre-primary school				Difference in mathematics performance between students who reported having attended pre-primary school for more than one year and those who had not attended pre-primary school				Increased likelihood of students who had not attended pre-primary school scoring in the bottom quarter of the national mathematics performance distribution	
	Before accounting for student's ESCS ¹		After accounting for student's ESCS ¹		Before accounting for student's ESCS ¹		After accounting for student's ESCS ¹		Ratio	S.E.
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.		
OECD	37	(5.3)	26	(5.1)	52	(5.5)	32	(5.0)	1.83	(0.1)
Australia	37	(5.3)	26	(5.1)	52	(5.5)	32	(5.0)	1.83	(0.1)
Austria	35	(13.9)	11	(11.7)	63	(14.4)	26	(12.4)	1.76	(0.3)
Belgium	6	(10.5)	-5	(9.6)	85	(8.0)	56	(7.7)	2.35	(0.2)
Canada	12	(3.3)	6	(3.1)	32	(3.4)	19	(3.3)	1.31	(0.1)
Chile	41	(5.2)	19	(4.9)	54	(5.3)	14	(5.5)	1.80	(0.2)
Czech Republic	48	(16.0)	36	(12.4)	69	(15.3)	51	(12.3)	2.04	(0.3)
Denmark	24	(11.3)	14	(11.1)	66	(10.9)	46	(10.5)	2.22	(0.3)
Estonia	-17	(8.2)	-19	(8.3)	-3	(6.5)	-13	(6.6)	1.03	(0.1)
Finland	38	(10.4)	27	(9.1)	53	(10.7)	34	(9.2)	1.88	(0.2)
France	36	(14.5)	16	(15.9)	100	(13.5)	61	(15.5)	2.81	(0.3)
Germany	-6	(9.5)	-4	(8.5)	57	(8.2)	42	(7.5)	1.81	(0.2)
Greece	44	(8.0)	24	(7.4)	68	(7.7)	41	(7.3)	2.21	(0.2)
Hungary	c	c	c	c	c	c	c	c	c	c
Iceland	12	(16.2)	9	(16.3)	47	(12.4)	25	(11.9)	1.64	(0.3)
Ireland	15	(4.2)	5	(4.0)	12	(4.4)	-5	(3.9)	1.17	(0.1)
Israel	42	(11.9)	15	(11.5)	98	(11.3)	50	(10.4)	2.53	(0.3)
Italy	25	(4.6)	18	(4.1)	63	(4.6)	52	(4.3)	2.01	(0.1)
Japan	-18	(19.4)	-5	(18.7)	34	(17.9)	34	(16.6)	1.70	(0.3)
Korea	9	(8.0)	0	(7.7)	24	(8.2)	13	(7.9)	1.36	(0.2)
Luxembourg	1	(8.2)	-10	(7.1)	45	(6.7)	26	(5.9)	1.64	(0.2)
Mexico	33	(2.6)	27	(2.6)	41	(2.5)	25	(2.3)	1.84	(0.1)
Netherlands	38	(15.5)	28	(15.1)	42	(12.1)	28	(12.0)	1.60	(0.2)
New Zealand	37	(7.8)	19	(7.6)	58	(6.6)	31	(6.6)	1.95	(0.1)
Norway	-4	(7.6)	-5	(7.9)	31	(4.8)	17	(4.9)	1.45	(0.1)
Poland	33	(9.5)	33	(9.2)	61	(10.5)	32	(9.7)	1.77	(0.3)
Portugal	4	(6.2)	-2	(5.6)	43	(5.0)	23	(5.0)	1.52	(0.1)
Slovak Republic	72	(8.9)	48	(7.5)	103	(9.1)	57	(6.9)	2.85	(0.2)
Slovenia	0	(6.9)	-8	(6.4)	25	(4.5)	5	(4.2)	1.33	(0.1)
Spain	19	(3.9)	13	(4.0)	56	(3.1)	40	(3.2)	1.98	(0.1)
Sweden	31	(6.4)	24	(6.0)	47	(6.2)	32	(5.9)	1.91	(0.2)
Switzerland	79	(13.0)	58	(11.5)	74	(13.1)	52	(11.2)	2.24	(0.2)
Turkey	47	(5.3)	25	(4.7)	62	(9.3)	22	(7.5)	2.10	(0.2)
United Kingdom	33	(7.0)	25	(6.8)	59	(7.5)	42	(7.2)	1.88	(0.1)
United States	18	(11.5)	16	(11.7)	33	(12.2)	12	(12.2)	1.57	(0.2)
OECD average	25	(1.7)	15	(1.6)	53	(1.6)	31	(1.5)	1.85	(0.0)
Partners										
Albania	m	m	m	m	m	m	m	m	m	m
Argentina	28	(5.2)	26	(5.0)	65	(6.2)	47	(5.9)	2.19	(0.2)
Brazil	18	(2.6)	12	(2.5)	40	(3.0)	23	(2.3)	1.55	(0.1)
Bulgaria	29	(5.8)	15	(5.3)	50	(5.8)	26	(4.6)	1.96	(0.1)
Colombia	29	(3.9)	16	(3.6)	34	(4.6)	8	(3.7)	1.68	(0.1)
Costa Rica	24	(4.2)	17	(3.8)	32	(5.3)	11	(4.0)	1.52	(0.1)
Croatia	-1	(4.6)	-6	(4.4)	30	(5.5)	6	(4.8)	1.25	(0.1)
Cyprus*	4	(8.1)	-2	(7.9)	25	(8.4)	13	(8.0)	1.49	(0.1)
Hong Kong-China	20	(17.2)	19	(17.0)	83	(15.4)	69	(14.7)	2.24	(0.3)
Indonesia	39	(5.3)	32	(5.5)	54	(9.8)	40	(6.6)	2.20	(0.2)
Jordan	23	(2.8)	15	(2.6)	41	(5.9)	25	(4.8)	1.54	(0.1)
Kazakhstan	8	(5.3)	-1	(4.7)	23	(4.8)	11	(4.2)	1.42	(0.1)
Latvia	-3	(7.3)	-4	(6.7)	9	(6.3)	-6	(5.7)	1.21	(0.1)
Liechtenstein	c	c	c	c	c	c	c	c	c	c
Lithuania	15	(4.6)	4	(4.3)	36	(3.6)	15	(3.3)	1.54	(0.1)
Macao-China	-3	(9.4)	-2	(9.6)	52	(8.7)	54	(8.8)	1.70	(0.2)
Malaysia	8	(3.9)	5	(3.8)	42	(4.2)	27	(4.0)	1.48	(0.1)
Montenegro	15	(3.5)	4	(3.4)	32	(3.0)	10	(3.1)	1.55	(0.1)
Peru	33	(4.8)	17	(4.2)	56	(5.5)	25	(4.1)	1.93	(0.1)
Qatar	35	(2.0)	22	(2.2)	63	(2.8)	52	(3.0)	1.67	(0.1)
Romania	19	(8.7)	9	(8.0)	50	(8.1)	21	(7.8)	1.93	(0.2)
Russian Federation	3	(6.3)	-5	(5.9)	29	(4.0)	12	(3.5)	1.48	(0.1)
Serbia	0	(4.4)	-5	(4.0)	32	(5.5)	14	(4.8)	1.30	(0.1)
Shanghai-China	50	(10.1)	25	(11.3)	118	(8.6)	72	(8.5)	2.94	(0.2)
Singapore	6	(10.4)	-11	(9.8)	55	(9.6)	35	(9.3)	1.80	(0.2)
Chinese Taipei	22	(19.1)	14	(14.5)	58	(19.4)	38	(14.6)	1.86	(0.3)
Thailand	21	(12.1)	20	(11.9)	57	(11.3)	47	(10.9)	2.13	(0.3)
Tunisia	21	(4.8)	4	(3.8)	35	(5.8)	15	(4.5)	1.40	(0.1)
United Arab Emirates	39	(3.7)	29	(3.3)	55	(3.6)	42	(3.4)	1.98	(0.1)
Uruguay	20	(5.2)	16	(4.9)	57	(4.3)	33	(3.9)	1.92	(0.1)
Viet Nam	43	(10.9)	36	(10.2)	66	(11.2)	43	(11.0)	2.12	(0.3)

Note: This table was calculated considering only students with data on the *PISA index of economic, social and cultural status*. Values that are statistically significant are indicated in bold (see Annex A3).

1. ESCS refers to the *PISA index of economic, social and cultural status*.

* See notes at the beginning of this Annex.

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[Part 3/3]

Pre-primary school attendance, mathematics performance and students' socio-economic status

Table II.4.12 Results based on students' self-reports

	Population relevance of students who had not attended pre-primary school scoring in the bottom quarter of the national mathematics performance distribution		Effect size for students who had not attended pre-primary school		Effect size for students who had attended pre-primary school for one year or less		Effect size for students who had attended pre-primary school for more than one year		Proportion of the variation in student performance explained by having attended pre-primary school for less than one year	
	%	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	%	S.E.
OECD										
Australia	3.6	(0.6)	-0.5	(0.1)	-0.1	(0.0)	0.2	(0.0)	1.6	(0.3)
Austria	1.3	(0.6)	-0.7	(0.1)	-0.3	(0.1)	0.4	(0.1)	1.6	(0.6)
Belgium	3.0	(0.5)	-0.8	(0.1)	-0.8	(0.1)	0.8	(0.1)	4.1	(0.6)
Canada	2.7	(0.6)	-0.3	(0.0)	-0.2	(0.0)	0.3	(0.0)	1.8	(0.3)
Chile	6.8	(1.5)	-0.6	(0.1)	0.0	(0.0)	0.2	(0.0)	3.3	(0.6)
Czech Republic	3.2	(1.2)	-0.6	(0.1)	-0.2	(0.1)	0.3	(0.1)	1.9	(0.9)
Denmark	1.2	(0.3)	-0.7	(0.1)	-0.5	(0.0)	0.5	(0.0)	4.7	(0.6)
Estonia	0.2	(1.0)	0.0	(0.1)	-0.2	(0.1)	0.1	(0.1)	0.3	(0.2)
Finland	2.1	(0.6)	-0.5	(0.1)	-0.2	(0.0)	0.2	(0.0)	1.5	(0.5)
France	3.1	(0.7)	-1.0	(0.2)	-0.6	(0.1)	0.7	(0.1)	4.3	(0.7)
Germany	2.6	(0.6)	-0.5	(0.1)	-0.6	(0.1)	0.6	(0.1)	5.0	(0.8)
Greece	5.2	(1.2)	-0.7	(0.1)	-0.2	(0.0)	0.3	(0.0)	3.6	(0.7)
Hungary	c	c	c	c	-0.5	(0.1)	0.5	(0.1)	1.1	(0.5)
Iceland	1.3	(0.6)	-0.5	(0.1)	-0.4	(0.1)	0.4	(0.1)	0.9	(0.4)
Ireland	2.3	(1.4)	-0.2	(0.0)	0.1	(0.0)	0.0	(0.0)	0.3	(0.2)
Israel	3.0	(0.5)	-0.9	(0.1)	-0.5	(0.1)	0.6	(0.1)	5.5	(1.0)
Italy	4.1	(0.4)	-0.6	(0.0)	-0.4	(0.0)	0.5	(0.0)	2.9	(0.4)
Japan	0.6	(0.3)	-0.3	(0.2)	-0.6	(0.1)	0.5	(0.1)	0.8	(0.2)
Korea	1.6	(0.7)	-0.2	(0.1)	-0.1	(0.0)	0.2	(0.0)	0.5	(0.3)
Luxembourg	2.9	(0.8)	-0.4	(0.1)	-0.4	(0.0)	0.5	(0.0)	3.1	(0.5)
Mexico	7.4	(0.7)	-0.5	(0.0)	0.0	(0.0)	0.3	(0.0)	2.6	(0.3)
Netherlands	1.3	(0.5)	-0.4	(0.1)	0.0	(0.1)	0.2	(0.1)	0.5	(0.3)
New Zealand	7.9	(0.9)	-0.5	(0.1)	-0.2	(0.0)	0.3	(0.0)	3.2	(0.6)
Norway	3.4	(0.9)	-0.3	(0.1)	-0.4	(0.1)	0.4	(0.0)	1.5	(0.4)
Poland	1.9	(0.6)	-0.5	(0.1)	-0.3	(0.0)	0.3	(0.0)	2.9	(0.8)
Portugal	7.2	(1.6)	-0.4	(0.1)	-0.3	(0.1)	0.5	(0.0)	4.6	(0.8)
Slovak Republic	11.2	(1.8)	-1.0	(0.1)	-0.2	(0.1)	0.6	(0.1)	7.2	(1.5)
Slovenia	4.7	(1.4)	-0.2	(0.1)	-0.2	(0.1)	0.3	(0.0)	1.5	(0.4)
Spain	5.4	(0.7)	-0.6	(0.0)	-0.4	(0.0)	0.5	(0.0)	3.5	(0.4)
Sweden	6.8	(1.2)	-0.5	(0.1)	-0.1	(0.0)	0.3	(0.0)	2.3	(0.5)
Switzerland	2.2	(0.5)	-0.7	(0.1)	0.1	(0.1)	0.0	(0.1)	1.2	(0.4)
Turkey	43.6	(5.2)	-0.6	(0.1)	0.4	(0.1)	0.5	(0.1)	6.8	(1.4)
United Kingdom	3.9	(0.6)	-0.6	(0.1)	-0.2	(0.0)	0.3	(0.0)	2.9	(0.6)
United States	0.8	(0.4)	-0.3	(0.1)	-0.2	(0.0)	0.2	(0.0)	0.7	(0.3)
OECD average	4.8	(0.2)	-0.5	(0.0)	-0.3	(0.0)	0.4	(0.0)	2.6	(0.1)
Partners										
Albania	m	m	m	m	m	m	m	m	m	m
Argentina	6.7	(1.3)	-0.8	(0.1)	-0.4	(0.1)	0.6	(0.1)	7.3	(1.4)
Brazil	9.4	(1.2)	-0.4	(0.0)	-0.1	(0.0)	0.4	(0.0)	4.0	(0.5)
Bulgaria	8.9	(1.3)	-0.5	(0.1)	-0.2	(0.0)	0.4	(0.0)	2.9	(0.7)
Colombia	8.8	(1.8)	-0.4	(0.1)	0.1	(0.0)	0.2	(0.0)	2.2	(0.5)
Costa Rica	7.4	(1.7)	-0.4	(0.1)	0.0	(0.0)	0.2	(0.1)	2.6	(0.8)
Croatia	6.3	(2.4)	-0.2	(0.1)	-0.2	(0.0)	0.4	(0.0)	3.0	(0.8)
Cyprus*	1.7	(0.5)	-0.2	(0.1)	-0.2	(0.0)	0.2	(0.0)	1.1	(0.3)
Hong Kong-China	1.9	(0.5)	-0.8	(0.1)	-0.7	(0.1)	0.7	(0.1)	2.5	(0.6)
Indonesia	35.6	(3.9)	-0.7	(0.1)	0.3	(0.1)	0.5	(0.1)	10.5	(2.4)
Jordan	11.6	(2.2)	-0.4	(0.0)	0.0	(0.0)	0.3	(0.1)	3.8	(0.9)
Kazakhstan	21.2	(5.1)	-0.3	(0.1)	0.0	(0.1)	0.3	(0.1)	1.9	(0.8)
Latvia	2.3	(1.6)	-0.1	(0.1)	-0.1	(0.1)	0.1	(0.1)	0.3	(0.3)
Liechtenstein	c	c	c	c	c	c	c	c	1.3	(1.4)
Lithuania	14.0	(2.7)	-0.4	(0.0)	-0.1	(0.0)	0.4	(0.0)	3.3	(0.6)
Macao-China	1.7	(0.5)	-0.5	(0.1)	-0.6	(0.0)	0.6	(0.0)	4.4	(0.6)
Malaysia	10.2	(2.2)	-0.4	(0.0)	-0.3	(0.0)	0.5	(0.0)	5.6	(0.9)
Montenegro	15.2	(2.0)	-0.3	(0.0)	0.0	(0.0)	0.3	(0.0)	2.9	(0.5)
Peru	11.4	(1.6)	-0.6	(0.1)	-0.2	(0.0)	0.4	(0.0)	5.5	(0.9)
Qatar	17.0	(1.2)	-0.5	(0.0)	0.0	(0.0)	0.4	(0.0)	6.0	(0.5)
Romania	4.0	(1.0)	-0.6	(0.1)	-0.4	(0.1)	0.5	(0.1)	2.7	(0.7)
Russian Federation	8.3	(1.7)	-0.3	(0.0)	-0.2	(0.1)	0.3	(0.0)	2.2	(0.5)
Serbia	5.8	(1.7)	-0.2	(0.1)	-0.3	(0.0)	0.4	(0.0)	3.2	(0.8)
Shanghai-China	6.5	(1.4)	-1.1	(0.1)	-0.6	(0.1)	0.8	(0.1)	7.9	(1.5)
Singapore	1.8	(0.5)	-0.5	(0.1)	-0.4	(0.1)	0.5	(0.0)	2.0	(0.4)
Chinese Taipei	1.3	(0.5)	-0.4	(0.1)	-0.3	(0.0)	0.3	(0.0)	1.5	(0.4)
Thailand	1.8	(0.5)	-0.7	(0.1)	-0.5	(0.1)	0.5	(0.1)	2.6	(0.5)
Tunisia	13.0	(3.7)	-0.3	(0.1)	0.1	(0.0)	0.3	(0.1)	3.2	(0.9)
United Arab Emirates	18.7	(1.6)	-0.6	(0.0)	0.0	(0.0)	0.4	(0.0)	6.1	(0.7)
Uruguay	13.0	(1.9)	-0.6	(0.1)	-0.3	(0.1)	0.6	(0.0)	6.5	(0.9)
Viet Nam	9.4	(2.9)	-0.7	(0.1)	-0.2	(0.1)	0.4	(0.1)	5.5	(1.7)

Note: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

1. ESCS refers to the PISA index of economic, social and cultural status.

* See notes at the beginning of this Annex.


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Table II.4.13 [Part 1/1] **Relationship between performance, pre-primary school attendance and socio-economic status¹**


	Difference in mathematics performance among students who had attended pre-primary school		Difference in performance among socio-economically advantaged students ²		Additional difference in performance among advantaged students ² who had attended pre-primary school	
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD						
Australia	28	(5.6)	20	(6.0)	4	(6.1)
Austria	13	(9.2)	-1	(9.3)	12	(9.2)
Belgium	23	(8.8)	14	(8.4)	1	(8.7)
Canada	15	(3.1)	21	(3.4)	1	(3.5)
Chile	14	(6.1)	3	(3.3)	6	(3.1)
Czech Republic	19	(9.7)	6	(8.1)	7	(7.9)
Denmark	14	(9.0)	15	(8.3)	12	(8.6)
Estonia	-14	(6.7)	10	(6.5)	10	(6.9)
Finland	20	(8.0)	38	(6.6)	-13	(7.0)
France	46	(14.6)	-7	(13.5)	26	(13.4)
Germany	11	(7.8)	-2	(8.7)	11	(9.1)
Greece	22	(8.1)	17	(7.2)	0	(7.2)
Hungary	c	c	c	c	c	c
Iceland	17	(11.4)	25	(11.4)	-4	(12.0)
Ireland	0	(3.6)	27	(4.0)	-2	(4.4)
Israel	46	(12.3)	15	(7.2)	10	(6.6)
Italy	34	(3.8)	-1	(3.8)	6	(4.0)
Japan	11	(14.6)	19	(13.7)	-15	(13.9)
Korea	5	(6.8)	22	(9.2)	-7	(9.7)
Luxembourg	12	(6.0)	20	(4.3)	-6	(4.3)
Mexico	27	(4.2)	5	(2.2)	4	(1.9)
Netherlands	11	(8.6)	3	(9.8)	2	(10.2)
New Zealand	35	(6.7)	30	(8.6)	2	(9.6)
Norway	12	(5.3)	13	(5.9)	11	(6.2)
Poland	28	(12.3)	36	(10.1)	-5	(10.5)
Portugal	24	(6.5)	11	(4.6)	12	(4.8)
Slovak Republic	41	(8.7)	12	(8.7)	10	(9.2)
Slovenia	-1	(3.6)	-2	(4.7)	3	(5.1)
Spain	33	(4.0)	20	(3.6)	4	(3.5)
Sweden	21	(5.5)	27	(5.5)	-4	(5.5)
Switzerland	40	(9.4)	27	(6.7)	-11	(6.6)
Turkey	8	(4.5)	8	(3.7)	0	(2.7)
United Kingdom	36	(6.9)	20	(5.4)	3	(6.0)
United States	9	(11.5)	22	(13.5)	4	(13.2)
OECD average	20	(1.4)	15	(1.4)	3	(1.5)
Partners						
Albania	m	m	m	m	m	m
Argentina	42	(8.3)	4	(4.3)	7	(4.1)
Brazil	21	(3.1)	9	(2.3)	4	(1.8)
Bulgaria	9	(4.8)	15	(5.3)	-2	(5.4)
Colombia	6	(5.9)	14	(4.3)	-2	(3.0)
Costa Rica	14	(4.8)	11	(2.9)	4	(2.5)
Croatia	-6	(4.0)	9	(3.3)	3	(3.6)
Cyprus*	2	(7.8)	22	(6.8)	-2	(6.5)
Hong Kong-China	49	(23.5)	2	(14.4)	1	(14.4)
Indonesia	30	(7.8)	11	(4.3)	3	(3.2)
Jordan	15	(3.2)	10	(2.8)	6	(2.7)
Kazakhstan	0	(3.2)	15	(2.6)	-1	(3.0)
Latvia	-9	(5.7)	13	(5.4)	10	(6.1)
Liechtenstein	c	c	c	c	c	c
Lithuania	1	(3.4)	14	(3.0)	6	(3.4)
Macao-China	48	(9.0)	0	(7.4)	11	(7.5)
Malaysia	18	(4.1)	17	(3.4)	6	(3.1)
Montenegro	-3	(2.7)	11	(2.7)	2	(3.0)
Peru	25	(5.9)	7	(3.5)	7	(2.7)
Qatar	-6	(2.0)	-2	(1.8)	17	(2.8)
Romania	31	(9.0)	0	(7.5)	24	(7.3)
Russian Federation	6	(3.7)	16	(4.8)	11	(5.0)
Serbia	0	(4.8)	8	(3.7)	2	(3.9)
Shanghai-China	57	(17.1)	-11	(10.1)	17	(9.5)
Singapore	22	(11.5)	29	(7.8)	-11	(7.9)
Chinese Taipei	27	(17.5)	41	(15.6)	-18	(15.1)
Thailand	37	(17.7)	25	(10.5)	-2	(9.8)
Tunisia	4	(4.7)	12	(3.6)	6	(2.7)
United Arab Emirates	26	(2.6)	8	(2.5)	5	(3.1)
Uruguay	35	(5.3)	7	(3.8)	9	(3.2)
Viet Nam	37	(13.9)	9	(5.9)	4	(6.1)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Mathematics performance is regressed on the following variables: student had attended pre-primary school; student's socio-economic status; (student had attended pre-primary school)*(student's socio-economic status); a square of student's socio-economic status; school's socio-economic profile; gender; student with an immigrant background; school in rural area; school in a city; school size; a square of school size; and private school.

2. Socio-economically advantaged students correspond to students with a *PISA index of economic, social and cultural status* that is one unit higher than the OECD average.

* See notes at the beginning of this Annex.


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[Part 1/1]
Table II.4.14 Relationship between performance, pre-primary school attendance and immigrant background¹

	Overall performance difference between student not attending and those that attend primary education		Overall performance difference between immigrant and non-immigrant students		Additional performance difference for immigrant students who do not attend pre-primary education	
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD						
Australia	-25	(7.0)	25	(3.1)	-15	(11.3)
Austria	-6	(9.8)	-33	(3.5)	6	(16.7)
Belgium	-20	(10.6)	-40	(4.0)	-8	(13.9)
Canada	-9	(3.8)	-3	(3.8)	-20	(9.0)
Chile	-6	(4.4)	-7	(8.1)	c	c
Czech Republic	-11	(9.4)	-20	(8.7)	c	c
Denmark	-14	(15.8)	-52	(3.6)	-10	(18.7)
Estonia	18	(7.4)	-21	(5.6)	c	c
Finland	-14	(9.1)	-71	(4.4)	-51	(21.1)
France	-29	(16.5)	-33	(4.9)	3	(23.9)
Germany	-16	(8.9)	-32	(5.0)	18	(15.6)
Greece	-27	(7.8)	-26	(5.7)	16	(13.3)
Hungary	c	c	4	(8.7)	c	c
Iceland	-9	(12.8)	-29	(9.3)	c	c
Ireland	1	(3.9)	7	(5.1)	-9	(10.2)
Israel	-37	(13.6)	7	(4.8)	-12	(24.9)
Italy	-35	(4.0)	-20	(3.4)	12	(8.5)
Japan	-15	(13.8)	c	c	c	c
Korea	-7	(6.7)	c	c	c	c
Luxembourg	-20	(14.6)	-26	(3.1)	3	(17.1)
Mexico	-19	(2.3)	-60	(4.8)	-2	(11.6)
Netherlands	-16	(10.0)	-29	(7.3)	9	(16.7)
New Zealand	-30	(7.6)	5	(4.8)	-8	(11.2)
Norway	-12	(5.6)	-36	(6.2)	-12	(12.1)
Poland	-31	(9.8)	c	c	c	c
Portugal	-13	(5.1)	-33	(8.6)	-1	(15.1)
Slovak Republic	-32	(8.0)	-1	(16.3)	c	c
Slovenia	3	(3.7)	-18	(4.7)	-18	(15.0)
Spain	-34	(4.2)	-42	(3.9)	11	(11.0)
Sweden	-18	(5.7)	-49	(5.1)	-17	(11.0)
Switzerland	-55	(16.0)	-54	(2.7)	11	(15.9)
Turkey	-8	(3.0)	16	(21.6)	c	c
United Kingdom	-35	(7.9)	-4	(4.7)	5	(11.7)
United States	-5	(13.9)	4	(4.7)	c	c
OECD average	-18	(1.7)	-22	(1.3)	-4	(3.2)
Partners						
Albania	m	m	m	m	m	m
Argentina	-33	(5.3)	-10	(6.1)	5	(20.2)
Brazil	-15	(2.2)	-41	(8.5)	-9	(24.0)
Bulgaria	-10	(5.1)	c	c	c	c
Colombia	-9	(3.4)	c	c	c	c
Costa Rica	-7	(3.5)	-16	(5.5)	-17	(10.9)
Croatia	8	(3.6)	-11	(4.5)	-6	(8.3)
Cyprus*	-5	(9.4)	-19	(4.3)	11	(13.4)
Hong Kong-China	-38	(23.2)	12	(3.3)	-22	(31.2)
Indonesia	-24	(4.3)	c	c	c	c
Jordan	-10	(3.1)	10	(4.4)	-3	(9.3)
Kazakhstan	0	(3.4)	3	(5.2)	2	(7.5)
Latvia	14	(5.8)	-10	(7.1)	c	c
Liechtenstein	c	c	-12	(9.1)	c	c
Lithuania	1	(3.3)	-5	(11.1)	c	c
Macao-China	-38	(10.7)	22	(2.7)	-3	(16.4)
Malaysia	-13	(3.4)	-18	(12.3)	14	(19.3)
Montenegro	4	(2.4)	12	(6.4)	0	(11.3)
Peru	-12	(3.4)	c	c	c	c
Qatar	11	(2.7)	58	(2.7)	-23	(4.3)
Romania	-7	(7.7)	c	c	c	c
Russian Federation	-2	(4.3)	-21	(4.3)	-2	(10.3)
Serbia	2	(4.2)	17	(6.9)	-4	(14.5)
Shanghai-China	-33	(9.9)	-79	(17.7)	c	c
Singapore	-33	(11.7)	13	(4.3)	5	(18.3)
Chinese Taipei	-40	(12.9)	-10	(17.8)	c	c
Thailand	-38	(10.0)	36	(58.4)	c	c
Tunisia	5	(3.7)	c	c	c	c
United Arab Emirates	-23	(3.4)	53	(4.2)	-8	(5.4)
Uruguay	-23	(3.8)	c	c	c	c
Viet Nam	-28	(8.2)	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Mathematics performance is regressed on the following variables: student did not attend pre-primary school; student with an immigrant background; (student did not attend pre-primary school)*(student with an immigrant background); student's socio-economic status; a square of student's socio-economic status; school's socio-economic profile; gender; school in rural area; school in a city; school size; a square of school size; and private school.

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ANNEX B2

RESULTS FOR REGIONS WITHIN COUNTRIES

[Part 1/4]

Relationship between mathematics performance and socio-economic status, by region

Table B2.II.1 Results based on students' self-reports

	Unadjusted mathematics mean score		Mathematics performance adjusted by mean ESCS ¹		Strength of the relationship between mathematics performance and ESCS ²		Slope of the socio-economic gradient for mathematics ²	
	Mean score	S.E.	Mean score	S.E.	% of explained variance in mathematics performance	S.E.	Score-point difference in mathematics associated with one-unit increase in ESCS	S.E.
OECD								
Australia								
Australian Capital Territory	518	(3.6)	489	(4.6)	12.5	(2.7)	52	(5.3)
New South Wales	509	(3.6)	501	(3.2)	12.8	(1.6)	44	(3.0)
Northern Territory	452	(10.4)	448	(8.4)	20.7	(5.0)	62	(7.8)
Queensland	503	(2.9)	496	(2.5)	14.9	(1.6)	46	(2.7)
South Australia	489	(3.3)	484	(3.1)	11.1	(2.0)	38	(3.7)
Tasmania	478	(3.4)	479	(3.2)	16.0	(2.4)	46	(3.9)
Victoria	501	(3.7)	492	(3.4)	9.0	(1.1)	35	(2.5)
Western Australia	516	(3.4)	507	(2.9)	13.4	(1.7)	43	(3.1)
Belgium								
Flemish Community*	531	(3.3)	525	(2.6)	19.9	(1.9)	50	(2.3)
French Community	493	(2.9)	490	(2.6)	20.6	(2.0)	48	(2.6)
German-speaking Community	511	(2.1)	505	(2.5)	4.4	(1.6)	22	(4.0)
Canada								
Alberta	517	(4.6)	504	(4.2)	8.9	(1.3)	33	(2.4)
British Columbia	522	(4.4)	513	(4.2)	7.1	(1.3)	26	(2.6)
Manitoba	492	(2.9)	485	(2.8)	14.1	(2.2)	37	(3.0)
New Brunswick	502	(2.6)	494	(2.5)	6.7	(2.0)	26	(4.2)
Newfoundland and Labrador	490	(3.7)	482	(3.4)	17.6	(4.0)	40	(4.6)
Nova Scotia	497	(4.1)	491	(3.4)	8.9	(1.7)	29	(2.9)
Ontario	514	(4.1)	503	(3.3)	9.6	(1.3)	30	(2.4)
Prince Edward Island	479	(2.5)	471	(2.7)	8.3	(1.6)	29	(3.0)
Quebec	536	(3.4)	526	(3.0)	11.6	(1.5)	36	(2.7)
Saskatchewan	506	(3.0)	499	(2.6)	6.2	(1.0)	25	(2.2)
Italy								
Abruzzo	476	(6.4)	475	(6.2)	7.4	(1.5)	27	(2.9)
Basilicata	466	(4.3)	472	(4.3)	10.2	(1.6)	28	(2.4)
Bolzano	506	(2.1)	509	(2.1)	6.4	(1.1)	27	(2.3)
Calabria	430	(5.7)	436	(5.2)	8.5	(2.1)	25	(3.3)
Campania	453	(7.7)	458	(7.0)	12.1	(1.9)	31	(3.0)
Emilia Romagna	500	(6.4)	501	(5.5)	14.0	(3.0)	38	(4.9)
Friuli Venezia Giulia	523	(4.4)	522	(3.8)	7.8	(2.3)	28	(4.4)
Lazio	475	(6.8)	471	(6.2)	6.4	(2.5)	25	(5.1)
Liguria	488	(6.2)	487	(5.4)	9.6	(1.6)	31	(2.9)
Lombardia	517	(7.6)	515	(6.8)	10.6	(2.7)	29	(4.3)
Marche	496	(5.5)	498	(5.4)	5.0	(1.4)	20	(3.0)
Molise	466	(2.3)	469	(2.5)	8.7	(1.8)	27	(3.1)
Piemonte	499	(5.8)	500	(5.5)	7.9	(1.6)	27	(3.0)
Puglia	478	(6.1)	487	(5.4)	11.7	(2.4)	29	(3.4)
Sardegna	458	(5.3)	462	(4.4)	11.1	(2.5)	29	(3.2)
Sicilia	447	(5.1)	450	(4.7)	11.2	(2.3)	26	(3.1)
Toscana	495	(4.9)	497	(4.4)	12.8	(2.2)	35	(3.3)
Trento	524	(4.1)	524	(4.1)	6.8	(1.9)	25	(3.8)
Umbria	493	(6.8)	491	(6.5)	5.6	(1.9)	23	(4.3)
Valle d'Aosta	492	(2.2)	498	(2.4)	7.2	(1.9)	23	(3.1)
Veneto	523	(7.6)	525	(7.0)	9.5	(2.4)	30	(4.9)
Mexico								
Aguascalientes	437	(4.5)	453	(4.8)	10.4	(3.5)	20	(3.5)
Baja California	415	(5.8)	425	(7.2)	3.5	(2.5)	13	(4.7)
Baja California Sur	414	(5.4)	431	(4.1)	9.5	(2.8)	21	(3.2)
Campeche	396	(3.9)	415	(5.1)	7.3	(2.5)	15	(2.7)
Chiapas	373	(7.2)	391	(10.7)	2.8	(2.1)	10	(3.7)
Chihuahua	428	(7.8)	446	(8.0)	9.9	(2.8)	22	(3.5)
Coahuila	418	(8.1)	436	(8.9)	10.3	(4.2)	22	(5.1)
Colima	429	(4.5)	445	(5.1)	11.1	(4.6)	21	(4.3)
Distrito Federal	428	(5.0)	438	(4.2)	9.1	(2.4)	18	(2.5)
Durango	424	(5.7)	442	(5.7)	8.5	(3.0)	18	(3.2)
Guanajuato	412	(5.4)	439	(3.6)	12.0	(2.5)	21	(2.1)
Guerrero	367	(3.4)	390	(4.7)	6.2	(2.1)	13	(2.3)
Hidalgo	406	(5.8)	436	(7.2)	11.6	(3.7)	21	(2.9)
Jalisco	435	(5.9)	449	(5.4)	5.1	(2.0)	13	(2.5)
Mexico	417	(5.6)	433	(7.8)	5.5	(3.3)	14	(4.3)
Morelos	421	(8.5)	444	(8.3)	18.3	(5.4)	25	(4.8)
Nayarit	414	(5.9)	431	(5.4)	7.2	(2.8)	16	(3.0)
Nuevo León	436	(8.2)	445	(6.3)	10.3	(3.5)	21	(3.4)
Puebla	415	(4.9)	447	(4.5)	13.4	(3.1)	21	(2.5)
Querétaro	434	(6.4)	452	(7.7)	10.8	(6.2)	19	(5.4)
Quintana Roo	411	(5.4)	430	(4.5)	10.4	(2.3)	20	(2.1)
San Luis Potosí	412	(7.4)	443	(7.5)	18.8	(6.4)	24	(3.4)
Sinaloa	411	(4.2)	425	(4.5)	5.6	(2.3)	15	(3.0)
Tabasco	378	(3.8)	398	(5.6)	7.8	(2.3)	16	(2.7)
Tamaulipas	411	(7.4)	427	(7.9)	7.4	(2.6)	18	(3.6)
Tlaxcala	411	(5.0)	427	(4.0)	5.1	(1.8)	14	(2.4)
Veracruz	402	(6.3)	427	(9.0)	9.6	(4.7)	17	(4.0)
Yucatán	410	(4.6)	433	(4.7)	11.3	(3.2)	19	(2.6)
Zacatecas	408	(4.2)	429	(4.0)	7.8	(2.1)	16	(2.3)

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3). There are no direct comparison with the OECD average in these tables.


See Table II.2.1 for national data.

1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. Single-level bivariate regression of performance on ESCS, the slope is the regression coefficient for ESCS.

3. Percentiles calculated at the student level.

4. Student-level regression of mathematics performance on the ESCS index and the squared term of the ESCS, the index of curvilinearity is the regression coefficient for the squared term.

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[Part 2/4]

Relationship between mathematics performance and socio-economic status, by region

Table B2.II.1 Results based on students' self-reports

	Unadjusted mathematics mean score		Mathematics performance adjusted by mean ESCS ¹		Strength of the relationship between mathematics performance and ESCS ²		Slope of the socio-economic gradient for mathematics ²	
	Mean score	S.E.	Mean score	S.E.	% of explained variance in mathematics performance		Score-point difference in mathematics associated with one-unit increase in ESCS	
						S.E.		S.E.
OECD								
Portugal								
Alentejo	489	(10.3)	501	(6.7)	17.9	(3.3)	33	(3.6)
Spain								
Andalusia*	472	(3.8)	484	(3.2)	16.0	(2.4)	32	(2.4)
Aragon*	496	(5.4)	499	(4.3)	15.7	(2.6)	37	(3.4)
Asturias*	500	(4.3)	501	(3.4)	15.6	(2.8)	37	(3.7)
Balearic Islands*	475	(4.8)	481	(4.1)	12.5	(2.6)	30	(3.4)
Basque Country*	505	(2.5)	507	(2.1)	10.5	(1.1)	29	(1.6)
Cantabria*	491	(3.5)	494	(2.9)	10.5	(1.9)	30	(2.7)
Castile and Leon*	509	(4.2)	512	(3.9)	12.0	(2.1)	29	(3.1)
Catalonia*	493	(5.2)	498	(4.0)	17.5	(2.9)	35	(3.1)
Extremadura*	461	(4.4)	478	(3.6)	15.9	(2.1)	34	(2.3)
Galicia*	489	(4.2)	494	(3.7)	10.0	(1.8)	27	(2.4)
La Rioja*	503	(1.9)	509	(1.9)	15.4	(2.0)	39	(2.8)
Madrid*	504	(3.5)	500	(3.4)	16.0	(2.8)	34	(3.3)
Murcia*	462	(4.7)	479	(4.5)	14.6	(2.2)	34	(2.9)
Navarre*	517	(3.1)	521	(2.6)	12.8	(1.5)	31	(2.0)
United Kingdom								
England	495	(3.9)	487	(3.1)	12.4	(1.4)	41	(2.8)
Northern Ireland	487	(3.1)	476	(2.7)	16.7	(1.9)	45	(3.0)
Scotland*	498	(2.6)	495	(2.3)	12.9	(1.4)	37	(2.4)
Wales	468	(2.2)	464	(2.0)	10.4	(1.3)	35	(2.2)
United States								
Connecticut*	506	(6.2)	482	(4.3)	22.1	(2.3)	51	(3.1)
Florida*	467	(5.8)	460	(4.1)	13.9	(2.2)	36	(3.4)
Massachusetts*	514	(6.2)	492	(3.9)	20.5	(3.5)	50	(4.9)
Partners								
Argentina								
Ciudad Autónoma de Buenos Aires*	418	(7.3)	428	(5.3)	28.9	(3.6)	43	(5.1)
Brazil								
Acre	359	(5.6)	386	(9.1)	12.8	(5.1)	20	(4.3)
Alagoas	342	(6.0)	373	(11.0)	9.8	(4.0)	18	(4.2)
Amapá	360	(8.6)	381	(8.6)	11.6	(5.6)	21	(4.9)
Amazonas	356	(5.5)	374	(10.1)	7.6	(4.3)	17	(5.9)
Bahia	373	(8.7)	416	(9.4)	19.1	(3.0)	27	(3.3)
Ceará	378	(8.8)	415	(15.1)	14.0	(7.2)	24	(6.5)
Espirito Santo	414	(9.7)	450	(13.5)	18.7	(6.6)	30	(5.7)
Federal District	416	(9.1)	442	(8.2)	27.3	(6.3)	38	(5.6)
Goias	379	(5.9)	415	(5.3)	17.6	(3.9)	28	(3.5)
Maranhão	343	(13.2)	377	(19.0)	12.8	(7.2)	23	(7.7)
Mato Grosso	370	(9.0)	400	(15.5)	12.6	(7.5)	23	(7.6)
Mato Grosso do Sul	408	(7.5)	438	(6.6)	23.3	(3.8)	29	(3.1)
Minas Gerais	403	(6.7)	431	(9.7)	12.8	(5.8)	21	(4.9)
Pará	360	(4.2)	386	(5.0)	12.5	(5.4)	21	(3.7)
Paraíba	395	(6.7)	433	(5.6)	28.2	(5.8)	33	(4.6)
Paraná	403	(11.6)	442	(19.8)	23.9	(13.4)	34	(11.5)
Pernambuco	363	(7.5)	399	(10.8)	12.6	(5.0)	22	(4.7)
Piauí	385	(7.4)	425	(11.5)	25.3	(6.0)	32	(5.4)
Rio de Janeiro	389	(6.7)	413	(8.6)	12.1	(6.5)	25	(6.6)
Rio Grande do Norte	380	(9.1)	425	(13.9)	25.7	(8.2)	35	(7.0)
Rio Grande do Sul	407	(5.5)	426	(6.4)	6.7	(2.5)	16	(3.1)
Rondônia	382	(5.3)	402	(6.8)	7.1	(3.2)	14	(3.2)
Roraima	362	(5.7)	391	(7.7)	19.7	(5.0)	28	(4.1)
Santa Catarina	415	(8.3)	443	(9.8)	11.4	(5.8)	23	(6.0)
São Paulo	404	(4.4)	430	(7.1)	14.4	(3.5)	27	(4.0)
Sergipe	384	(8.9)	408	(14.5)	9.5	(5.3)	19	(6.2)
Tocantins	366	(7.3)	396	(9.8)	12.6	(3.5)	23	(3.7)
Colombia								
Bogotá	393	(3.4)	414	(5.9)	7.9	(2.8)	19	(3.6)
Cali	379	(6.1)	401	(6.2)	14.4	(3.3)	27	(3.5)
Manizales	404	(4.1)	428	(6.0)	20.5	(3.7)	30	(3.7)
Medellín	393	(7.5)	427	(9.2)	24.2	(5.8)	35	(5.3)
Russian Federation								
Perm Territory region*	484	(5.5)	489	(5.1)	10.3	(2.0)	38	(4.9)
United Arab Emirates								
Abu Dhabi*	421	(4.0)	414	(3.1)	8.4	(1.6)	29	(3.2)
Ajman	403	(7.9)	405	(6.9)	6.6	(2.2)	21	(3.8)
Dubai*	464	(1.2)	443	(1.7)	11.1	(1.0)	43	(2.0)
Fujairah	411	(9.9)	411	(9.6)	4.8	(3.4)	20	(7.2)
Ras al-Khaimah	416	(6.7)	414	(5.5)	7.6	(2.4)	22	(3.5)
Sharjah	439	(9.0)	427	(7.2)	6.6	(2.6)	28	(6.6)
Umm al-Quwain	398	(4.0)	401	(4.1)	6.9	(3.1)	22	(5.3)

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3). There are no direct comparison with the OECD average in these tables.


See Table II.2.1 for national data.

1. ESCS refers to the PISA index of economic, social and cultural status.

2. Single-level bivariate regression of performance on ESCS, the slope is the regression coefficient for ESCS.

3. Percentiles calculated at the student level.

4. Student-level regression of mathematics performance on the ESCS index and the squared term of the ESCS, the index of curvilinearity is the regression coefficient for the squared term.

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[Part 3/4]

Relationship between mathematics performance and socio-economic status, by region

Table B2.II.1 Results based on students' self-reports

	Length of the projection of the gradient line ³						Index of curvilinearity ⁴		
	5th percentile of ESCS		95th percentile of ESCS		Difference between 95th and 5th percentile of ESCS		Score-point difference in mathematics associated with one-unit increase in ESCS squared	S.E.	
	Index	S.E.	Index	S.E.	Dif.	S.E.			
OECD	Australia								
	Australian Capital Territory	-0.6	(0.07)	1.5	(0.05)	2.1	(0.08)	-4.2	(4.5)
	New South Wales	-1.1	(0.04)	1.4	(0.04)	2.5	(0.06)	1.5	(1.9)
	Northern Territory	-1.2	(0.20)	1.2	(0.07)	2.4	(0.21)	-16.1	(8.6)
	Queensland	-1.2	(0.03)	1.3	(0.03)	2.5	(0.04)	6.7	(2.4)
	South Australia	-1.1	(0.08)	1.3	(0.02)	2.4	(0.08)	1.3	(2.9)
	Tasmania	-1.3	(0.05)	1.3	(0.04)	2.6	(0.06)	2.1	(3.7)
	Victoria	-1.0	(0.05)	1.4	(0.03)	2.4	(0.05)	0.1	(2.5)
	Western Australia	-1.1	(0.04)	1.4	(0.04)	2.5	(0.05)	2.7	(3.3)
	Belgium								
	Flemish Community*	-1.3	(0.04)	1.5	(0.03)	2.7	(0.05)	0.1	(1.6)
	French Community	-1.3	(0.06)	1.5	(0.03)	2.8	(0.06)	3.8	(1.8)
	German-speaking Community	-1.1	(0.10)	1.5	(0.03)	2.7	(0.10)	2.0	(4.4)
	Canada								
	Alberta	-0.9	(0.05)	1.7	(0.04)	2.6	(0.05)	2.9	(2.6)
	British Columbia	-1.0	(0.04)	1.7	(0.02)	2.6	(0.05)	0.7	(2.5)
	Manitoba	-1.2	(0.09)	1.6	(0.03)	2.8	(0.09)	1.4	(2.3)
	New Brunswick	-1.0	(0.04)	1.6	(0.03)	2.6	(0.05)	1.1	(3.6)
	Newfoundland and Labrador	-1.1	(0.08)	1.6	(0.07)	2.7	(0.10)	0.9	(4.0)
	Nova Scotia	-1.1	(0.04)	1.6	(0.04)	2.6	(0.05)	3.2	(3.7)
	Ontario	-1.1	(0.06)	1.7	(0.03)	2.8	(0.06)	3.2	(1.6)
	Prince Edward Island	-1.1	(0.07)	1.5	(0.05)	2.6	(0.09)	2.7	(2.8)
	Quebec	-1.1	(0.04)	1.5	(0.02)	2.6	(0.04)	0.3	(1.9)
	Saskatchewan	-0.9	(0.02)	1.7	(0.02)	2.6	(0.03)	-0.3	(2.7)
	Italy								
	Abruzzo	-1.4	(0.04)	1.6	(0.05)	3.0	(0.06)	-1.8	(3.1)
	Basilicata	-1.6	(0.03)	1.5	(0.03)	3.1	(0.04)	1.1	(2.5)
	Bolzano	-1.4	(0.04)	1.4	(0.04)	2.8	(0.06)	-4.6	(2.2)
	Calabria	-1.7	(0.02)	1.6	(0.06)	3.3	(0.06)	2.6	(2.5)
	Campania	-1.7	(0.07)	1.6	(0.05)	3.2	(0.08)	2.0	(2.6)
	Emilia Romagna	-1.5	(0.03)	1.6	(0.04)	3.1	(0.05)	-6.1	(3.0)
	Friuli Venezia Giulia	-1.4	(0.06)	1.5	(0.05)	2.9	(0.07)	-7.4	(2.9)
	Lazio	-1.4	(0.10)	1.6	(0.06)	3.0	(0.10)	-1.2	(2.4)
	Liguria	-1.5	(0.04)	1.5	(0.04)	3.0	(0.06)	-1.8	(2.4)
	Lombardia	-1.5	(0.04)	1.6	(0.06)	3.0	(0.06)	-1.5	(2.5)
	Marche	-1.5	(0.05)	1.6	(0.04)	3.1	(0.05)	-2.7	(2.4)
	Molise	-1.6	(0.04)	1.6	(0.06)	3.1	(0.07)	3.1	(2.8)
	Piemonte	-1.6	(0.06)	1.5	(0.05)	3.1	(0.05)	-1.2	(2.6)
	Puglia	-1.8	(0.04)	1.6	(0.06)	3.3	(0.06)	-1.9	(2.2)
	Sardegna	-1.6	(0.02)	1.6	(0.05)	3.2	(0.06)	0.5	(2.9)
	Sicilia	-1.7	(0.05)	1.6	(0.04)	3.3	(0.05)	-1.3	(2.6)
	Toscana	-1.5	(0.03)	1.6	(0.06)	3.1	(0.06)	-4.4	(2.8)
	Trento	-1.4	(0.04)	1.4	(0.03)	2.8	(0.04)	-5.0	(2.9)
	Umbria	-1.4	(0.06)	1.6	(0.04)	3.0	(0.06)	-2.7	(2.6)
	Valle d'Aosta	-1.7	(0.06)	1.4	(0.06)	3.1	(0.09)	-3.8	(3.0)
	Veneto	-1.5	(0.03)	1.5	(0.05)	3.0	(0.04)	-6.4	(2.3)
	Mexico								
	Aguascalientes	-2.5	(0.07)	1.2	(0.10)	3.7	(0.11)	-0.4	(2.0)
	Baja California	-2.3	(0.16)	1.0	(0.05)	3.3	(0.17)	4.7	(1.7)
	Baja California Sur	-2.5	(0.10)	1.0	(0.05)	3.5	(0.11)	1.4	(2.0)
	Campeche	-3.2	(0.10)	0.9	(0.12)	4.1	(0.13)	3.1	(1.4)
	Chiapas	-3.5	(0.12)	0.6	(0.20)	4.1	(0.21)	6.1	(2.3)
	Chihuahua	-2.5	(0.11)	1.0	(0.06)	3.5	(0.11)	3.5	(2.1)
	Coahuila	-2.4	(0.11)	1.0	(0.13)	3.4	(0.16)	2.1	(2.4)
	Colima	-2.7	(0.05)	1.2	(0.10)	3.9	(0.12)	4.3	(1.9)
	Distrito Federal	-2.4	(0.12)	1.5	(0.17)	3.9	(0.18)	1.3	(1.7)
	Durango	-2.7	(0.05)	1.0	(0.08)	3.7	(0.09)	4.9	(2.1)
	Guanajuato	-3.0	(0.10)	1.1	(0.19)	4.2	(0.17)	-0.3	(1.5)
	Guerrero	-3.5	(0.06)	0.7	(0.07)	4.2	(0.09)	1.7	(1.8)
	Hidalgo	-3.2	(0.09)	0.9	(0.17)	4.1	(0.18)	1.4	(2.2)
	Jalisco	-2.9	(0.08)	1.1	(0.10)	4.0	(0.11)	0.8	(1.6)
	Mexico	-2.7	(0.03)	0.9	(0.12)	3.6	(0.12)	1.8	(3.4)
	Morelos	-2.9	(0.06)	1.3	(0.14)	4.2	(0.13)	3.5	(2.4)
	Nayarit	-2.9	(0.11)	1.0	(0.08)	3.9	(0.12)	-1.0	(2.1)
	Nuevo León	-2.2	(0.24)	1.3	(0.11)	3.5	(0.21)	2.1	(2.3)
	Puebla	-3.3	(0.13)	1.0	(0.14)	4.3	(0.18)	-2.0	(1.5)
	Querétaro	-2.8	(0.10)	1.3	(0.10)	4.1	(0.13)	-1.7	(2.4)
	Quintana Roo	-2.8	(0.09)	0.9	(0.09)	3.7	(0.12)	-0.7	(1.9)
	San Luis Potosí	-3.2	(0.10)	1.2	(0.17)	4.4	(0.19)	1.9	(1.2)
	Sinaloa	-2.8	(0.07)	0.9	(0.09)	3.6	(0.10)	0.6	(1.9)
	Tabasco	-3.0	(0.11)	1.0	(0.05)	4.0	(0.09)	3.0	(2.1)
	Tamaulipas	-2.6	(0.08)	1.0	(0.12)	3.6	(0.12)	1.7	(2.1)
	Tlaxcala	-2.8	(0.06)	1.0	(0.10)	3.8	(0.12)	-0.5	(1.7)
	Veracruz	-3.3	(0.08)	1.0	(0.16)	4.3	(0.17)	2.1	(2.3)
	Yucatán	-3.0	(0.08)	1.1	(0.09)	4.1	(0.09)	2.4	(1.7)
	Zacatecas	-2.9	(0.09)	1.1	(0.07)	4.0	(0.11)	1.0	(1.5)

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3). There are no direct comparison with the OECD average in these tables.


See Table II.2.1 for national data.

1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. Single-level bivariate regression of performance on ESCS, the slope is the regression coefficient for ESCS.

3. Percentiles calculated at the student level.

4. Student-level regression of mathematics performance on the ESCS index and the squared term of the ESCS, the index of curvilinearity is the regression coefficient for the squared term.

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[Part 4/4]

Relationship between mathematics performance and socio-economic status, by region

Table B2.II.1 Results based on students' self-reports

	Length of the projection of the gradient line ³						Index of curvilinearity ⁴	
	5th percentile of ESCS		95th percentile of ESCS		Difference between 95th and 5th percentile of ESCS		Score-point difference in mathematics associated with one-unit increase in ESCS squared	
	Index	S.E.	Index	S.E.	Dif.	S.E.		S.E.
OECD								
Portugal								
Alentejo	-2.0	(0.06)	1.5	(0.08)	3.5	(0.07)	-0.8	(2.4)
Spain								
Andalusia*	-1.9	(0.05)	1.4	(0.02)	3.3	(0.05)	2.7	(2.0)
Aragon*	-1.7	(0.10)	1.5	(0.06)	3.2	(0.12)	-6.7	(1.9)
Asturias*	-1.6	(0.05)	1.5	(0.03)	3.1	(0.06)	1.0	(4.1)
Balearic Islands*	-1.8	(0.05)	1.5	(0.05)	3.2	(0.06)	-2.6	(1.9)
Basque Country*	-1.6	(0.04)	1.4	(0.02)	3.0	(0.05)	-3.8	(1.5)
Cantabria*	-1.6	(0.05)	1.5	(0.05)	3.1	(0.07)	4.5	(2.7)
Castile and Leon*	-1.7	(0.05)	1.5	(0.05)	3.1	(0.06)	-2.5	(1.8)
Catalonia*	-1.8	(0.06)	1.3	(0.03)	3.1	(0.06)	0.2	(2.0)
Extremadura*	-2.0	(0.07)	1.4	(0.04)	3.4	(0.08)	0.5	(2.2)
Galicia*	-1.7	(0.05)	1.4	(0.02)	3.2	(0.05)	-0.1	(1.7)
La Rioja*	-1.8	(0.06)	1.4	(0.04)	3.2	(0.07)	1.8	(2.5)
Madrid*	-1.6	(0.05)	1.6	(0.07)	3.2	(0.08)	-6.5	(2.2)
Murcia*	-2.1	(0.06)	1.3	(0.05)	3.4	(0.09)	1.4	(2.2)
Navarre*	-1.7	(0.07)	1.4	(0.04)	3.1	(0.07)	-0.8	(2.4)
United Kingdom								
England	-1.0	(0.03)	1.5	(0.05)	2.5	(0.04)	5.3	(1.7)
Northern Ireland	-1.0	(0.03)	1.6	(0.05)	2.6	(0.05)	0.8	(2.8)
Scotland*	-1.2	(0.02)	1.4	(0.03)	2.6	(0.03)	7.4	(2.2)
Wales	-1.0	(0.03)	1.4	(0.02)	2.5	(0.04)	7.3	(2.2)
United States								
Connecticut*	-1.1	(0.09)	1.8	(0.05)	3.0	(0.09)	5.3	(1.9)
Florida*	-1.3	(0.06)	1.5	(0.05)	2.8	(0.08)	7.9	(2.3)
Massachusetts*	-1.1	(0.08)	1.6	(0.08)	2.7	(0.09)	9.4	(2.9)
Partners								
Argentina								
Ciudad Autónoma de Buenos Aires*	-2.3	(0.11)	1.4	(0.07)	3.7	(0.11)	-2.5	(2.3)
Brazil								
Acre	-3.2	(0.07)	0.7	(0.10)	3.9	(0.11)	4.0	(2.4)
Alagoas	-3.3	(0.08)	0.5	(0.13)	3.8	(0.13)	3.4	(2.1)
Amapá	-2.7	(0.08)	0.8	(0.16)	3.4	(0.16)	4.4	(4.2)
Amazonas	-2.9	(0.05)	0.7	(0.13)	3.6	(0.12)	6.3	(5.0)
Bahia	-3.3	(0.12)	0.8	(0.04)	4.1	(0.14)	10.7	(3.7)
Ceará	-3.3	(0.05)	0.7	(0.27)	4.1	(0.28)	8.1	(3.7)
Espírito Santo	-3.0	(0.08)	0.9	(0.27)	3.9	(0.29)	13.0	(2.5)
Federal District	-2.5	(0.09)	1.2	(0.23)	3.7	(0.27)	7.2	(2.2)
Goiás	-2.9	(0.04)	0.6	(0.11)	3.5	(0.12)	3.0	(2.2)
Maranhão	-3.2	(0.09)	0.6	(0.30)	3.8	(0.28)	6.8	(2.8)
Mato Grosso	-3.1	(0.11)	0.7	(0.15)	3.9	(0.18)	6.9	(3.6)
Mato Grosso do Sul	-2.8	(0.07)	0.9	(0.06)	3.7	(0.06)	4.3	(1.1)
Minas Gerais	-3.0	(0.05)	0.7	(0.20)	3.8	(0.22)	4.5	(4.0)
Pará	-3.0	(0.07)	0.7	(0.15)	3.7	(0.12)	2.3	(1.7)
Paraíba	-3.1	(0.13)	0.7	(0.17)	3.8	(0.26)	3.4	(3.8)
Paraná	-2.9	(0.07)	0.9	(0.31)	3.7	(0.32)	10.4	(5.8)
Pernambuco	-3.3	(0.07)	0.3	(0.17)	3.6	(0.15)	-2.9	(4.1)
Piauí	-3.2	(0.06)	0.9	(0.05)	4.1	(0.09)	9.2	(1.5)
Rio de Janeiro	-2.6	(0.07)	0.7	(0.23)	3.3	(0.23)	4.7	(4.2)
Rio Grande do Norte	-3.2	(0.10)	0.8	(0.22)	4.0	(0.23)	10.0	(3.3)
Rio Grande do Sul	-2.8	(0.11)	0.7	(0.07)	3.6	(0.13)	-2.1	(1.8)
Rondônia	-3.2	(0.05)	0.7	(0.14)	3.8	(0.12)	5.3	(1.9)
Roraima	-2.9	(0.10)	0.8	(0.09)	3.7	(0.12)	9.1	(2.4)
Santa Catarina	-2.9	(0.17)	0.7	(0.14)	3.7	(0.18)	7.1	(2.3)
São Paulo	-2.7	(0.05)	0.9	(0.06)	3.6	(0.08)	5.8	(2.4)
Sergipe	-3.1	(0.07)	0.7	(0.06)	3.7	(0.06)	0.2	(2.8)
Tocantins	-3.1	(0.09)	0.7	(0.09)	3.8	(0.11)	6.7	(2.4)
Colombia								
Bogotá	-2.7	(0.04)	0.5	(0.10)	3.2	(0.08)	3.2	(3.5)
Cali	-2.5	(0.06)	0.8	(0.09)	3.2	(0.10)	-0.3	(1.8)
Manizales	-2.8	(0.06)	0.9	(0.06)	3.6	(0.07)	2.5	(1.8)
Medellín	-2.9	(0.14)	0.9	(0.11)	3.8	(0.16)	10.4	(2.5)
Russian Federation								
Perm Territory region*	-1.4	(0.07)	0.9	(0.02)	2.3	(0.07)	0.3	(3.2)
United Arab Emirates								
Abu Dhabi*	-1.4	(0.07)	1.5	(0.04)	3.0	(0.08)	0.4	(1.9)
Ajman	-1.8	(0.14)	1.2	(0.11)	3.1	(0.18)	3.1	(1.9)
Dubai*	-0.8	(0.04)	1.5	(0.03)	2.4	(0.05)	-2.6	(1.5)
Fujairah	-1.8	(0.08)	1.3	(0.07)	3.0	(0.10)	1.4	(2.4)
Ras al-Khaimah	-1.8	(0.25)	1.4	(0.09)	3.2	(0.24)	3.1	(2.0)
Sharjah	-1.0	(0.10)	1.4	(0.03)	2.4	(0.11)	-2.6	(4.4)
Umm al-Quwain	-1.8	(0.09)	1.2	(0.12)	3.0	(0.16)	4.7	(5.7)

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3). There are no direct comparison with the OECD average in these tables.


See Table II.2.1 for national data.

1. ESCS refers to the PISA index of economic, social and cultural status.

2. Single-level bivariate regression of performance on ESCS, the slope is the regression coefficient for ESCS.

3. Percentiles calculated at the student level.

4. Student-level regression of mathematics performance on the ESCS index and the squared term of the ESCS, the index of curvilinearity is the regression coefficient for the squared term.

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[Part 1/2]

Students' socio-economic status and mathematics performance, by region*By national quarters of the PISA index of economic, social and cultural status; results based on students' self-reports*

Table B2.II.2

	ESCS ¹										Performance on the mathematics scale, by national quarters of this index								Increased likelihood of students in the bottom quarter of the ESCS index scoring in the bottom quarter of the mathematics performance distribution	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Bottom quarter		Second quarter		Third quarter		Top quarter		Ratio	S.E.
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.		
	index		index		index		index		index		index		index		index		index		index	
Australia																				
Australian Capital Territory	0.62	(0.02)	-0.23	(0.05)	0.49	(0.02)	0.87	(0.02)	1.33	(0.03)	467	(7.1)	513	(7.7)	552	(7.3)	552	(7.1)	2.45	(0.33)
New South Wales	0.25	(0.02)	-0.86	(0.03)	0.04	(0.03)	0.62	(0.02)	1.19	(0.02)	465	(4.6)	498	(4.4)	526	(6.1)	559	(5.5)	2.23	(0.19)
Northern Territory	0.14	(0.06)	-0.95	(0.09)	-0.04	(0.07)	0.51	(0.06)	1.06	(0.07)	394	(22.7)	453	(13.7)	476	(12.3)	505	(14.9)	2.64	(0.52)
Queensland	0.20	(0.02)	-0.86	(0.03)	-0.02	(0.04)	0.54	(0.03)	1.14	(0.02)	462	(4.7)	487	(4.0)	518	(5.7)	554	(4.1)	2.19	(0.19)
South Australia	0.19	(0.02)	-0.90	(0.05)	0.00	(0.03)	0.54	(0.02)	1.11	(0.03)	449	(6.4)	482	(5.8)	501	(5.9)	532	(6.6)	2.26	(0.25)
Tasmania	0.02	(0.03)	-1.05	(0.03)	-0.25	(0.04)	0.35	(0.04)	1.05	(0.03)	433	(6.7)	466	(6.3)	494	(6.0)	529	(7.3)	2.23	(0.24)
Victoria	0.30	(0.02)	-0.76	(0.03)	0.11	(0.04)	0.66	(0.03)	1.20	(0.02)	467	(4.4)	486	(5.1)	522	(5.8)	533	(5.8)	1.79	(0.15)
Western Australia	0.26	(0.03)	-0.82	(0.04)	0.04	(0.04)	0.62	(0.03)	1.19	(0.03)	476	(5.4)	502	(5.4)	530	(7.6)	567	(5.3)	1.99	(0.22)
Belgium																				
Flemish Community*	0.16	(0.02)	-1.04	(0.04)	-0.18	(0.03)	0.58	(0.03)	1.28	(0.02)	474	(4.8)	513	(5.4)	554	(4.3)	590	(4.9)	2.39	(0.20)
French Community	0.12	(0.03)	-1.05	(0.04)	-0.21	(0.04)	0.51	(0.04)	1.25	(0.03)	442	(5.0)	475	(5.3)	512	(4.7)	553	(4.3)	2.51	(0.19)
German-speaking Community	0.29	(0.03)	-0.81	(0.04)	-0.05	(0.04)	0.66	(0.04)	1.35	(0.03)	485	(6.2)	502	(6.6)	522	(6.8)	538	(6.8)	1.60	(0.21)
Canada																				
Alberta	0.51	(0.03)	-0.58	(0.04)	0.27	(0.04)	0.87	(0.04)	1.51	(0.02)	490	(5.5)	506	(7.1)	528	(6.5)	559	(5.7)	1.78	(0.17)
British Columbia	0.46	(0.04)	-0.67	(0.04)	0.19	(0.05)	0.84	(0.04)	1.48	(0.03)	498	(5.0)	511	(6.9)	533	(5.4)	557	(7.2)	1.80	(0.16)
Manitoba	0.26	(0.03)	-0.94	(0.05)	0.00	(0.04)	0.66	(0.03)	1.34	(0.03)	455	(6.1)	484	(4.1)	502	(5.2)	540	(5.8)	2.10	(0.26)
New Brunswick	0.37	(0.02)	-0.72	(0.03)	0.10	(0.04)	0.73	(0.03)	1.37	(0.03)	475	(5.4)	497	(5.4)	510	(6.3)	532	(6.8)	1.57	(0.21)
Newfoundland and Labrador	0.28	(0.04)	-0.89	(0.06)	-0.04	(0.05)	0.65	(0.05)	1.41	(0.04)	452	(9.6)	468	(5.7)	512	(6.2)	541	(4.8)	2.20	(0.38)
Nova Scotia	0.31	(0.03)	-0.78	(0.03)	0.04	(0.04)	0.63	(0.05)	1.33	(0.03)	470	(5.0)	489	(8.1)	505	(5.6)	534	(6.1)	1.81	(0.25)
Ontario	0.44	(0.04)	-0.76	(0.05)	0.20	(0.05)	0.83	(0.04)	1.49	(0.03)	482	(4.7)	504	(5.3)	525	(6.4)	554	(5.9)	1.84	(0.16)
Prince Edward Island	0.33	(0.02)	-0.77	(0.04)	0.09	(0.03)	0.72	(0.03)	1.31	(0.02)	452	(5.1)	467	(4.6)	490	(4.6)	513	(4.7)	1.67	(0.19)
Quebec	0.34	(0.03)	-0.80	(0.03)	0.09	(0.04)	0.73	(0.03)	1.34	(0.02)	498	(4.6)	528	(5.1)	549	(4.8)	578	(4.4)	2.04	(0.16)
Saskatchewan	0.40	(0.02)	-0.65	(0.03)	0.09	(0.03)	0.72	(0.03)	1.45	(0.03)	487	(3.7)	500	(4.3)	512	(6.0)	538	(4.4)	1.57	(0.14)
Italy																				
Abruzzo	0.03	(0.04)	-1.11	(0.04)	-0.30	(0.04)	0.29	(0.05)	1.26	(0.06)	446	(8.7)	466	(7.7)	486	(8.8)	507	(7.1)	1.78	(0.24)
Basilicata	-0.21	(0.03)	-1.37	(0.03)	-0.60	(0.03)	0.02	(0.04)	1.11	(0.04)	430	(4.5)	461	(7.0)	474	(7.8)	500	(5.8)	2.05	(0.28)
Bolzano	-0.07	(0.02)	-1.10	(0.03)	-0.37	(0.02)	0.17	(0.03)	1.04	(0.02)	475	(4.2)	502	(5.1)	521	(4.5)	529	(4.0)	1.71	(0.20)
Calabria	-0.21	(0.05)	-1.49	(0.04)	-0.62	(0.05)	0.08	(0.06)	1.18	(0.06)	401	(7.3)	422	(10.2)	434	(6.2)	465	(9.4)	1.77	(0.22)
Campania	-0.19	(0.06)	-1.42	(0.04)	-0.61	(0.06)	0.09	(0.07)	1.21	(0.08)	423	(8.3)	434	(8.9)	455	(10.2)	500	(10.6)	1.72	(0.24)
Emilia Romagna	-0.01	(0.04)	-1.21	(0.04)	-0.34	(0.04)	0.27	(0.05)	1.24	(0.05)	451	(9.1)	488	(7.8)	525	(9.1)	540	(9.8)	1.98	(0.29)
Friuli Venezia Giulia	0.05	(0.04)	-1.07	(0.06)	-0.25	(0.05)	0.33	(0.05)	1.19	(0.04)	486	(9.1)	527	(6.6)	533	(5.3)	548	(6.1)	2.16	(0.28)
Lazio	0.16	(0.05)	-1.02	(0.07)	-0.12	(0.06)	0.49	(0.06)	1.32	(0.04)	447	(10.3)	472	(7.1)	473	(9.4)	508	(10.3)	1.56	(0.25)
Liguria	0.03	(0.04)	-1.14	(0.05)	-0.29	(0.05)	0.32	(0.06)	1.22	(0.04)	454	(7.3)	480	(7.5)	495	(7.5)	524	(9.5)	1.96	(0.24)
Lombardia	0.06	(0.05)	-1.17	(0.05)	-0.28	(0.06)	0.38	(0.06)	1.31	(0.06)	481	(8.6)	512	(11.4)	521	(8.2)	555	(10.3)	1.96	(0.30)
Marche	-0.03	(0.04)	-1.22	(0.04)	-0.37	(0.05)	0.24	(0.05)	1.22	(0.06)	472	(7.7)	495	(6.4)	498	(6.5)	523	(7.7)	1.65	(0.26)
Molise	-0.12	(0.03)	-1.28	(0.03)	-0.50	(0.03)	0.15	(0.04)	1.17	(0.04)	437	(6.6)	454	(6.4)	472	(6.3)	502	(5.9)	1.71	(0.23)
Piemonte	-0.06	(0.04)	-1.26	(0.03)	-0.39	(0.04)	0.25	(0.05)	1.16	(0.05)	468	(6.0)	484	(7.9)	514	(8.0)	528	(8.6)	1.74	(0.28)
Puglia	-0.30	(0.04)	-1.56	(0.04)	-0.75	(0.05)	-0.02	(0.05)	1.11	(0.06)	441	(6.8)	468	(8.1)	493	(10.0)	512	(7.1)	2.00	(0.30)
Sardegna	-0.12	(0.05)	-1.38	(0.03)	-0.55	(0.05)	0.19	(0.07)	1.25	(0.06)	425	(7.7)	446	(7.8)	462	(8.6)	501	(7.4)	1.94	(0.32)
Sicilia	-0.11	(0.05)	-1.43	(0.05)	-0.49	(0.05)	0.20	(0.06)	1.30	(0.05)	416	(6.8)	434	(7.9)	456	(6.9)	484	(7.6)	1.69	(0.22)
Toscana	0.00	(0.06)	-1.20	(0.04)	-0.35	(0.07)	0.30	(0.09)	1.25	(0.08)	453	(6.2)	483	(6.9)	518	(7.9)	534	(6.8)	2.23	(0.27)
Trento	0.00	(0.03)	-1.07	(0.04)	-0.30	(0.03)	0.25	(0.03)	1.13	(0.04)	491	(7.1)	524	(6.3)	536	(7.1)	546	(5.5)	1.89	(0.23)
Umbria	0.11	(0.04)	-1.03	(0.05)	-0.23	(0.04)	0.39	(0.04)	1.33	(0.04)	468	(12.0)	485	(8.1)	503	(7.6)	517	(6.0)	1.63	(0.17)
Valle d'Aosta	-0.20	(0.03)	-1.42	(0.03)	-0.56	(0.04)	0.10	(0.04)	1.09	(0.04)	465	(5.1)	485	(7.1)	505	(5.5)	518	(6.6)	1.66	(0.17)
Veneto	-0.07	(0.04)	-1.22	(0.04)	-0.42	(0.05)	0.18	(0.05)	1.19	(0.05)	486	(9.1)	508	(10.3)	545	(10.1)	555	(10.3)	2.15	(0.28)
Mexico																				
Aguascalientes	-0.76	(0.08)	-2.20	(0.07)	-1.27	(0.08)	-0.39	(0.12)	0.83	(0.10)	406	(6.9)	434	(8.1)	443	(6.1)	466	(10.2)	1.96	(0.25)
Baja California	-0.72	(0.08)	-1.99	(0.10)	-1.12	(0.10)	-0.41	(0.09)	0.65	(0.10)	405	(7.2)	409	(6.5)	408	(8.9)	440	(10.5)	1.12	(0.27)
Baja California Sur	-0.78	(0.09)	-2.16	(0.08)	-1.19	(0.13)	-0.38	(0.11)	0.62	(0.07)	386	(8.0)	424	(7.9)	444	(6.6)	444	(6.6)	1.94	(0.26)
Campeche	-1.30	(0.09)	-2.88	(0.09)	-1.87	(0.10)	-0.89	(0.13)	0.44	(0.11)	378	(7.2)	382	(5.6)	399	(6.9)	425	(7.0)	1.52	(0.25)
Chiapas	-1.75	(0.13)	-3.17	(0.07)	-2.32	(0.11)	-1.46	(0.18)	-0.03	(0.21)	369	(7.7)	361	(8.6)	367	(9.5)	395	(13.0)	1.03	(0.23)
Chihuahua	-0.81	(0.10)	-2.20	(0.09)	-1.23	(0.11)	-0.46	(0.12)	0.67	(0.10)	407	(7.9)	412	(11.2)	424	(8.7)	471	(12.1)	1.44	(0.27)
Coahuila	-0.82	(0.12)	-2.10	(0.08)	-1.25	(0.14)	-0.51	(0.18)	0.61	(0.13)	392	(6.7)	404	(9.8)	427	(13.8)	451	(14.5)	1.66	(0.36)
Colima	-0.75	(0.10)	-2.33	(0.05)	-1.24	(0.10)	-0.28	(0.14)	0.84	(0.13)	401	(6.7)	414	(7.0)	436	(8.8)	466	(12.7)	1.79	(0.26)
Distrito Federal	-0.55	(0.12)	-2.04	(0.08)	-1.07	(0.11)	-0.16	(0.16)	1.08	(0.16)	403	(5.5)	416	(6.9)	433	(10.8)	460	(8.4)	1.58	(0.22)
Durango	-1.00	(0.14)	-2.44	(0.09)	-1.54	(0.15)	-0.65	(0.21)	0.63	(0.13)	403	(6.2)	409	(6.6)	430	(8.9)	456	(9.1)	1.54	(0.29)
Guanajuato	-1.27	(0.12)	-2.68	(0.07)	-1.83	(0.09)	-1.03	(0.15)	0.48	(0.20)	377	(8.0)	402	(8.2)	422	(10.0)	447	(5.6)	2.04	(0.33)
Guerrero	-1.66	(0.09)	-3.11	(0.11)	-2.19	(0.10)	-1.38	(0.09)	0.03	(0.10)	349	(7.2)	364	(5.7)	364	(5.2)	393	(5.4)	1.51	(0.24)
Hidalgo	-1.45	(0.10)	-2.88	(0.10)	-1.98	(0.10)	-1.16	(0.12)	0.25	(0.17)	374	(5.9)	399	(8.7)	4					

[Part 2/2]

Students' socio-economic status and mathematics performance, by region

By national quarters of the PISA index of economic, social and cultural status; results based

Table B2.II.2 on students' self-reports

	ESCS ¹					Performance on the mathematics scale, by national quarters of this index										Increased likelihood of students in the bottom quarter of the ESCS index scoring in the bottom quarter of the mathematics performance distribution				
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Bottom quarter		Second quarter		Third quarter		Top quarter		Ratio	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.		
OECD																				
Portugal																				
Alentejo	-0.35 (0.14)	-1.72 (0.07)	-0.87 (0.15)	-0.05 (0.19)	1.25 (0.16)	439 (12.3)	479 (14.9)	497 (9.2)	542 (11.7)	2.41	(0.40)									
Spain																				
Andalusia*	-0.36 (0.07)	-1.65 (0.05)	-0.81 (0.08)	-0.04 (0.10)	1.06 (0.07)	435 (6.1)	456 (6.7)	478 (5.3)	521 (7.5)	2.01	(0.27)									
Aragon*	-0.06 (0.06)	-1.34 (0.05)	-0.45 (0.05)	0.32 (0.10)	1.23 (0.06)	442 (7.6)	488 (10.1)	520 (6.1)	539 (7.2)	2.80	(0.35)									
Asturias*	-0.02 (0.05)	-1.28 (0.04)	-0.44 (0.05)	0.34 (0.08)	1.28 (0.05)	455 (7.1)	484 (6.3)	509 (7.9)	550 (8.3)	2.16	(0.22)									
Balearic Islands*	-0.15 (0.04)	-1.43 (0.04)	-0.53 (0.05)	0.20 (0.06)	1.16 (0.04)	432 (8.4)	473 (7.0)	487 (7.8)	513 (6.5)	2.35	(0.28)									
Basque Country*	0.03 (0.03)	-1.21 (0.03)	-0.31 (0.03)	0.46 (0.04)	1.17 (0.02)	472 (3.2)	499 (4.0)	517 (3.9)	542 (3.3)	1.89	(0.13)									
Cantabria*	-0.06 (0.04)	-1.28 (0.04)	-0.47 (0.04)	0.28 (0.07)	1.21 (0.05)	460 (4.9)	477 (4.9)	494 (5.8)	537 (7.3)	1.76	(0.20)									
Castile and Leon*	-0.10 (0.05)	-1.35 (0.04)	-0.49 (0.05)	0.26 (0.07)	1.19 (0.05)	470 (7.6)	500 (4.9)	519 (6.8)	546 (6.1)	2.18	(0.31)									
Catalonia*	-0.14 (0.08)	-1.44 (0.07)	-0.53 (0.09)	0.28 (0.12)	1.15 (0.06)	451 (7.2)	474 (7.0)	509 (8.6)	541 (7.0)	2.17	(0.28)									
Extremadura*	-0.46 (0.05)	-1.72 (0.04)	-0.96 (0.05)	-0.20 (0.07)	1.03 (0.07)	422 (8.2)	446 (5.3)	466 (7.4)	514 (6.0)	2.04	(0.25)									
Galicia*	-0.18 (0.05)	-1.43 (0.05)	-0.59 (0.05)	0.15 (0.08)	1.16 (0.04)	458 (5.3)	473 (6.2)	499 (5.2)	527 (6.1)	1.84	(0.18)									
La Rioja*	-0.15 (0.02)	-1.42 (0.04)	-0.55 (0.03)	0.21 (0.04)	1.18 (0.03)	457 (6.1)	487 (6.4)	511 (5.3)	560 (5.8)	2.16	(0.25)									
Madrid*	0.11 (0.07)	-1.22 (0.05)	-0.26 (0.08)	0.57 (0.11)	1.37 (0.06)	458 (6.0)	488 (5.7)	529 (8.0)	542 (5.1)	2.41	(0.29)									
Murcia*	-0.48 (0.05)	-1.76 (0.04)	-0.87 (0.05)	-0.17 (0.07)	0.88 (0.07)	427 (6.6)	439 (6.4)	473 (7.1)	511 (6.3)	1.90	(0.19)									
Navarre*	-0.11 (0.04)	-1.33 (0.04)	-0.51 (0.05)	0.23 (0.06)	1.17 (0.05)	481 (4.9)	503 (4.6)	527 (6.0)	559 (4.5)	2.18	(0.27)									
United Kingdom																				
England	0.29 (0.02)	-0.76 (0.03)	0.02 (0.04)	0.62 (0.03)	1.27 (0.02)	460 (5.0)	478 (5.4)	511 (4.6)	546 (4.5)	1.88	(0.14)									
Northern Ireland	0.29 (0.02)	-0.76 (0.02)	-0.08 (0.03)	0.61 (0.04)	1.38 (0.02)	444 (4.6)	471 (5.4)	502 (4.6)	541 (5.4)	2.17	(0.17)									
Scotland*	0.13 (0.02)	-0.96 (0.02)	-0.18 (0.03)	0.49 (0.03)	1.18 (0.02)	463 (4.0)	487 (4.2)	504 (3.5)	546 (4.6)	1.95	(0.14)									
Wales	0.19 (0.02)	-0.82 (0.02)	-0.12 (0.03)	0.50 (0.02)	1.19 (0.02)	436 (3.5)	461 (3.0)	473 (3.7)	512 (3.4)	1.80	(0.13)									
United States																				
Connecticut*	0.49 (0.06)	-0.75 (0.08)	0.24 (0.08)	0.90 (0.06)	1.56 (0.05)	450 (6.4)	481 (8.5)	529 (9.1)	568 (6.9)	2.55	(0.27)									
Florida*	0.20 (0.06)	-0.98 (0.06)	-0.07 (0.07)	0.58 (0.07)	1.27 (0.03)	429 (5.7)	456 (8.1)	465 (8.5)	520 (8.9)	1.90	(0.26)									
Massachusetts*	0.44 (0.07)	-0.77 (0.07)	0.23 (0.09)	0.86 (0.07)	1.44 (0.06)	459 (6.2)	491 (6.6)	532 (11.9)	576 (10.6)	2.40	(0.33)									
Partners																				
Argentina																				
Ciudad Autónoma de Buenos Aires*	-0.20 (0.09)	-1.82 (0.09)	-0.55 (0.12)	0.40 (0.11)	1.18 (0.06)	343 (15.1)	407 (9.8)	452 (10.3)	473 (7.7)	3.69	(0.59)									
Brazil																				
Acre	-1.36 (0.10)	-2.88 (0.08)	-1.85 (0.12)	-0.99 (0.13)	0.30 (0.12)	332 (7.8)	351 (6.7)	361 (7.8)	393 (17.9)	1.78	(0.39)									
Alagoas	-1.70 (0.13)	-3.07 (0.09)	-2.35 (0.12)	-1.42 (0.22)	0.06 (0.16)	325 (5.5)	325 (8.4)	345 (10.0)	377 (15.5)	1.39	(0.31)									
Amapá	-0.92 (0.12)	-2.29 (0.08)	-1.25 (0.12)	-0.54 (0.14)	0.41 (0.18)	335 (10.4)	355 (8.7)	364 (11.7)	391 (17.0)	1.91	(0.36)									
Amazonas	-1.06 (0.06)	-2.41 (0.06)	-1.40 (0.06)	-0.74 (0.07)	0.31 (0.08)	335 (5.7)	354 (5.6)	353 (6.5)	382 (14.2)	1.44	(0.34)									
Bahia	-1.52 (0.09)	-3.05 (0.08)	-2.14 (0.14)	-1.15 (0.15)	0.28 (0.09)	350 (7.8)	344 (14.8)	369 (20.4)	434 (10.1)	1.48	(0.40)									
Ceará	-1.54 (0.10)	-3.06 (0.07)	-2.09 (0.13)	-1.21 (0.13)	0.21 (0.21)	354 (5.5)	366 (8.7)	374 (14.4)	423 (25.6)	1.46	(0.26)									
Espírito Santo	-1.17 (0.10)	-2.73 (0.12)	-1.68 (0.11)	-0.78 (0.10)	0.51 (0.21)	388 (11.2)	380 (9.0)	411 (14.1)	482 (21.5)	1.38	(0.37)									
Federal District	-0.68 (0.10)	-2.11 (0.06)	-1.18 (0.09)	-0.28 (0.14)	0.84 (0.18)	369 (7.7)	390 (12.9)	419 (16.4)	486 (18.3)	2.05	(0.31)									
Goias	-1.25 (0.09)	-2.60 (0.10)	-1.63 (0.09)	-0.95 (0.11)	0.17 (0.11)	346 (7.0)	368 (12.1)	383 (8.6)	422 (9.5)	1.93	(0.37)									
Maranhão	-1.42 (0.19)	-2.93 (0.13)	-1.91 (0.20)	-1.02 (0.22)	0.19 (0.24)	317 (10.4)	324 (15.2)	350 (14.0)	386 (27.3)	1.68	(0.43)									
Mato Grosso	-1.34 (0.08)	-2.72 (0.09)	-1.81 (0.05)	-1.05 (0.09)	0.24 (0.17)	348 (8.7)	356 (7.3)	367 (9.4)	410 (23.9)	1.56	(0.27)									
Mato Grosso do Sul	-0.96 (0.10)	-2.50 (0.07)	-1.49 (0.12)	-0.48 (0.16)	0.66 (0.08)	370 (7.5)	394 (12.1)	413 (7.4)	462 (13.1)	2.24	(0.38)									
Minas Gerais	-1.29 (0.08)	-2.75 (0.07)	-1.81 (0.11)	-0.96 (0.11)	0.38 (0.13)	377 (6.4)	391 (11.0)	403 (10.2)	443 (15.3)	1.70	(0.31)									
Pará	-1.21 (0.17)	-2.63 (0.10)	-1.66 (0.18)	-0.85 (0.20)	0.29 (0.20)	333 (8.1)	344 (8.0)	372 (9.1)	392 (9.4)	1.78	(0.35)									
Paraíba	-1.13 (0.09)	-2.80 (0.10)	-1.58 (0.19)	-0.56 (0.14)	0.46 (0.11)	344 (13.0)	377 (10.5)	415 (16.8)	449 (16.7)	2.64	(0.49)									
Paraná	-1.09 (0.12)	-2.52 (0.09)	-1.52 (0.10)	-0.78 (0.13)	0.48 (0.27)	365 (6.5)	386 (7.8)	402 (8.2)	465 (44.8)	2.10	(0.45)									
Pernambuco	-1.61 (0.12)	-3.00 (0.13)	-1.99 (0.17)	-1.24 (0.11)	-0.21 (0.11)	337 (10.5)	350 (8.0)	373 (9.6)	392 (12.8)	1.77	(0.37)									
Piauí	-1.26 (0.09)	-2.86 (0.11)	-1.78 (0.12)	-0.89 (0.12)	0.51 (0.06)	345 (8.0)	367 (10.4)	378 (9.4)	451 (17.9)	2.27	(0.42)									
Rio de Janeiro	-0.94 (0.07)	-2.18 (0.05)	-1.28 (0.04)	-0.66 (0.08)	0.36 (0.17)	365 (10.5)	380 (8.6)	386 (11.0)	428 (19.2)	1.67	(0.35)									
Rio Grande do Norte	-1.32 (0.13)	-2.79 (0.11)	-1.84 (0.13)	-1.01 (0.18)	0.38 (0.20)	346 (6.6)	351 (4.9)	373 (13.8)	450 (26.8)	1.62	(0.32)									
Rio Grande do Sul	-1.20 (0.08)	-2.54 (0.07)	-1.64 (0.09)	-0.86 (0.10)	0.26 (0.08)	382 (9.2)	401 (6.5)	416 (7.3)	427 (8.6)	1.86	(0.41)									
Rondônia	-1.39 (0.16)	-2.88 (0.10)	-1.87 (0.20)	-1.00 (0.21)	0.20 (0.19)	366 (7.0)	371 (7.5)	383 (8.8)	410 (11.7)	1.50	(0.37)									
Roraima	-1.04 (0.08)	-2.51 (0.08)	-1.48 (0.09)	-0.66 (0.12)	0.50 (0.09)	331 (6.3)	344 (7.3)	363 (8.1)	412 (15.5)	1.92	(0.37)									
Santa Catarina	-1.19 (0.12)	-2.58 (0.08)	-1.61 (0.13)	-0.87 (0.14)	0.29 (0.16)	388 (10.9)	407 (11.8)	416 (9.1)	453 (17.0)	1.83	(0.37)									
São Paulo	-0.94 (0.05)	-2.33 (0.05)	-1.37 (0.05)	-0.61 (0.07)	0.54 (0.06)	374 (3.4)	390 (4.2)	406 (6.0)	447 (12.0)	1.65	(0.18)									
Sergipe	-1.25 (0.10)	-2.76 (0.08)	-1.63 (0.15)	-0.83 (0.11)	0.21 (0.08)	353 (7.4)	384 (11.3)	389 (11.2)	413 (18.7)	1.80	(0.41)									
Tocantins	-1.31 (0.09)	-2.82 (0.07)	-1.75 (0.10)	-0.91 (0.13)	0.27 (0.10)	337 (6.2)	346 (9.3)	370 (8.1)	409 (12.9)	1.69	(0.35)									
Colombia																				
Bogotá	-1.09 (0.05)	-2.34 (0.04)	-1.42 (0.06)	-0.75 (0.06)	0.14 (0.07)	370 (3.4)	391 (4.7)	395 (4.1)	417 (8.0)	1.86	(0.19)									
Cali	-0.81 (0.08)	-2.09 (0.07)	-1.12 (0.09)	-0.49 (0.08)	0.47 (0.10)	345 (7.4)	368 (6.5)	386 (9.8)	417 (7.3)	2.09	(0.33)									
Manizales	-0.77 (0.07)	-2.25 (0.09)	-1.03 (0.09)	-0.36 (0.07)	0.57 (0.05)	362 (5.9)	393 (5.4)	416 (7.7)	446 (10.5)	2.60	(0.31)									
Medellín	-0.94 (0.10)	-2.43 (0.10)	-1.31 (0.09)	-0.57 (0.11)	0.56 (0.15)	357 (5.4)	370 (6.2)	393 (9.2)	459 (22.3)	1.96	(0.31)									
Russian Federation																				
Perm Territory region*	-0.12 (0.03)	-1.13 (0.05)	-0.36 (0.04)	0.23 (0.04)	0.76 (0.02)	445 (6.8)	479 (6.6)	493 (7.7)	521 (9.0)	2.11	(0.25)									
United Arab Emirates																				
Abu Dhabi*	0.29 (0.03)	-0.91 (0.06)	0.14 (0.04)	0.65 (0.03)	1.28 (0.02)	384 (4.3)	413 (4.6)	439 (6.1)	453 (7.6)	1.91	(0.15)									
Ajman	-0.09 (0.06)	-1.30 (0.12)	-0.26 (0.06)	0.25 (0.06)	0.96 (0.06)	379 (11.2)	389 (11.1)	414 (11.0)	431 (8.7)	1.71	(0.34)									
Dubai*	0.50 (0.01)	-0.46 (0.02)	0.37 (0.01)	0.77 (0.01)	1.32 (0.01)	418 (3.1)	457 (3.2)	486 (3.2)	496 (2.7)	2.27	(0.14)									
Fujairah	0.01 (0.03)	-1.16 (0.06)	-0.19 (0.04)	0.36 (0.04)	1.03 (0.03)	392 (6.1)	396 (10.1)	424 (9.9)	432 (21.5)	1.34	(0.31)									
Ras al-Khaimah	0.06 (0.08)	-1.19 (0.14)	-0.12 (0.09)	0.43 (0.07)	1.11 (0.06)	394 (8.1)	394 (10.3)	434 (9.6)	441 (6.3)	1.50	(0.19)									
Sharjah	0.44 (0.04)	-0.59 (0.09)	0.34 (0.05)	0.76 (0.03)	1.25 (0.03)	400 (11.1)	440 (7.9)	466 (12.4)	452 (13.7)	2.02	(0.40)									
Umm al-Quwain	-0.10 (0.04)	-1.32 (0.09)	-0.25 (0.05)	0.27 (0.05)	0.93 (0.05)	377 (9.1)	393 (10.7)	393 (8.7)	432 (12.0)	1.47	(0.39)									

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.2.4a for national data.

1. ESCS refers to the PISA index of economic, social and cultural status.

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[Part 1/4]

Relationship between mathematics performance and elements of socio-economic status, by regionTable B2.II.3 *Results based on students' self-reports*


		Score-point difference in mathematics performance associated with each of the following factors, after accounting for the other factors													
		Intercept		Parents' highest occupational status		Parents' highest level of education		Index of cultural possessions		Index of home educational resources		Number of books at home		Wealth	
		Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia														
	Australian Capital Territory	293	(29.4)	1	(0.2)	6	(2.3)	2	(4.3)	5	(4.5)	21	(2.8)	-10	(4.5)
	New South Wales	342	(16.5)	1	(0.1)	6	(1.2)	2	(2.1)	12	(2.2)	17	(1.6)	-8	(2.5)
	Northern Territory	381	(54.9)	1	(0.4)	-1	(3.9)	-1	(7.8)	15	(8.0)	14	(4.2)	14	(7.2)
	Queensland	328	(16.7)	1	(0.1)	6	(1.2)	-2	(2.3)	9	(2.1)	18	(1.7)	0	(2.9)
	South Australia	334	(23.1)	1	(0.1)	6	(1.6)	-3	(3.5)	9	(2.7)	16	(2.4)	-8	(2.2)
	Tasmania	332	(19.8)	1	(0.1)	3	(1.5)	0	(3.3)	9	(2.7)	18	(2.2)	-10	(3.5)
	Victoria	347	(13.9)	1	(0.1)	5	(1.2)	-1	(2.7)	7	(2.4)	16	(1.5)	-11	(2.7)
	Western Australia	359	(20.1)	1	(0.1)	5	(1.6)	0	(3.3)	13	(2.3)	16	(2.0)	-4	(2.6)
	Belgium														
	Flemish Community*	375	(9.9)	1	(0.1)	3	(0.8)	-4	(1.8)	12	(2.3)	16	(1.2)	0	(2.3)
	French Community	396	(11.8)	1	(0.1)	0	(0.7)	4	(2.6)	9	(2.5)	16	(1.8)	4	(2.2)
	German-speaking Community	443	(19.4)	1	(0.2)	-2	(1.3)	-4	(4.5)	13	(4.0)	18	(3.0)	-10	(4.1)
	Canada														
Alberta	408	(13.9)	1	(0.1)	0	(1.0)	-2	(2.9)	5	(2.7)	18	(2.3)	-3	(2.3)	
British Columbia	415	(16.5)	1	(0.1)	2	(1.1)	2	(2.9)	5	(2.1)	17	(2.1)	-7	(1.9)	
Manitoba	373	(18.1)	1	(0.1)	3	(1.2)	2	(3.1)	4	(2.2)	16	(1.9)	3	(2.5)	
New Brunswick	388	(18.5)	1	(0.1)	2	(1.2)	-6	(3.0)	8	(2.5)	16	(2.1)	-9	(3.3)	
Newfoundland and Labrador	373	(35.2)	1	(0.1)	1	(1.9)	4	(3.9)	0	(3.2)	14	(3.0)	-1	(2.9)	
Nova Scotia	350	(19.7)	0	(0.1)	4	(1.6)	-5	(3.2)	8	(3.4)	18	(2.1)	-7	(3.0)	
Ontario	397	(14.3)	1	(0.1)	2	(1.0)	4	(1.9)	0	(1.7)	15	(1.5)	-5	(2.3)	
Prince Edward Island	380	(18.4)	1	(0.1)	1	(1.3)	2	(3.2)	5	(3.1)	14	(2.1)	-10	(3.1)	
Quebec	397	(14.3)	1	(0.1)	3	(1.0)	0	(1.9)	3	(2.1)	18	(1.5)	-1	(2.2)	
Saskatchewan	410	(17.7)	0	(0.1)	2	(1.2)	1	(3.3)	1	(2.3)	15	(2.1)	1	(2.5)	
Italy															
Abruzzo	418	(15.2)	1	(0.2)	-2	(0.9)	8	(3.1)	9	(4.2)	13	(2.4)	-4	(4.6)	
Basilicata	398	(10.7)	1	(0.1)	1	(1.1)	8	(2.9)	0	(3.6)	10	(2.3)	3	(5.1)	
Bolzano	422	(11.6)	1	(0.1)	-1	(0.9)	-2	(2.7)	5	(2.6)	18	(1.6)	-8	(2.4)	
Calabria	367	(13.7)	1	(0.2)	0	(0.9)	0	(3.2)	12	(2.9)	12	(2.0)	1	(3.8)	
Campania	374	(16.1)	1	(0.2)	0	(1.1)	9	(4.1)	2	(3.5)	15	(3.3)	-3	(3.4)	
Emilia Romagna	414	(16.1)	1	(0.2)	-1	(1.2)	10	(4.2)	5	(2.6)	18	(2.3)	-2	(2.7)	
Friuli Venezia Giulia	456	(26.0)	1	(0.1)	-1	(1.5)	5	(3.9)	8	(3.2)	15	(2.6)	1	(3.1)	
Lazio	394	(18.0)	1	(0.2)	0	(1.1)	10	(3.3)	-4	(2.9)	17	(2.7)	-2	(3.6)	
Liguria	409	(13.9)	1	(0.2)	-2	(0.9)	6	(3.2)	7	(3.4)	18	(2.5)	-6	(3.0)	
Lombardia	435	(11.6)	1	(0.2)	-1	(0.7)	8	(3.1)	1	(2.7)	15	(1.9)	1	(4.0)	
Marche	456	(13.2)	1	(0.1)	-2	(1.0)	5	(3.6)	2	(3.2)	11	(2.2)	5	(3.7)	
Molise	403	(12.9)	1	(0.2)	0	(1.1)	6	(3.3)	13	(3.5)	11	(2.2)	-1	(4.1)	
Piemonte	424	(9.8)	1	(0.2)	-1	(0.7)	3	(2.9)	4	(2.5)	17	(2.5)	4	(4.4)	
Puglia	410	(10.8)	1	(0.1)	0	(0.9)	4	(3.2)	9	(2.9)	11	(2.3)	1	(4.1)	
Sardegna	389	(16.0)	1	(0.2)	-1	(1.1)	8	(2.9)	8	(4.0)	7	(2.8)	-7	(4.5)	
Sicilia	393	(11.0)	1	(0.1)	-1	(0.9)	6	(3.2)	8	(3.2)	9	(2.7)	1	(3.6)	
Toscana	422	(14.6)	1	(0.2)	-1	(0.9)	14	(4.0)	4	(3.1)	14	(2.5)	3	(4.3)	
Trento	463	(15.8)	1	(0.2)	-2	(1.1)	5	(3.7)	1	(2.6)	10	(1.8)	-5	(3.1)	
Umbria	446	(24.0)	0	(0.2)	-2	(1.2)	5	(3.8)	10	(3.9)	17	(2.9)	0	(3.8)	
Valle d'Aosta	414	(14.2)	1	(0.2)	1	(1.1)	0	(4.0)	9	(3.7)	15	(2.7)	-7	(4.3)	
Veneto	452	(14.0)	1	(0.2)	-2	(1.0)	4	(3.8)	8	(3.1)	18	(2.4)	1	(3.7)	
Mexico															
Aguascalientes	404	(14.6)	0	(0.2)	2	(1.1)	5	(2.7)	4	(3.1)	4	(3.3)	5	(3.8)	
Baja California	364	(12.0)	0	(0.2)	1	(1.8)	-1	(2.9)	-2	(3.5)	15	(3.7)	0	(2.6)	
Baja California Sur	363	(15.8)	0	(0.2)	2	(1.1)	1	(3.0)	2	(3.0)	6	(2.5)	3	(2.7)	
Campeche	344	(14.8)	1	(0.1)	3	(0.8)	-3	(3.3)	9	(3.3)	2	(3.1)	-5	(2.9)	
Chiapas	358	(13.1)	1	(0.2)	0	(1.1)	-9	(3.4)	6	(4.3)	3	(3.3)	1	(2.7)	
Chihuahua	376	(15.9)	1	(0.2)	2	(0.8)	1	(3.6)	1	(4.5)	9	(3.6)	4	(3.7)	
Coahuila	378	(11.1)	1	(0.2)	1	(1.0)	3	(3.5)	6	(3.5)	10	(3.5)	4	(3.6)	
Colima	406	(15.9)	0	(0.2)	1	(0.9)	1	(3.0)	5	(2.8)	6	(3.0)	7	(2.2)	
Distrito Federal	384	(14.2)	0	(0.1)	1	(1.0)	5	(4.6)	5	(2.9)	7	(3.2)	2	(3.0)	
Durango	380	(12.2)	1	(0.1)	1	(1.2)	5	(3.2)	5	(3.6)	6	(3.4)	-4	(4.5)	
Guanajuato	379	(17.3)	1	(0.1)	2	(1.1)	1	(2.7)	6	(3.0)	3	(2.5)	2	(3.1)	
Guerrero	350	(15.4)	0	(0.2)	2	(0.9)	-4	(3.7)	8	(3.3)	2	(2.7)	1	(3.0)	
Hidalgo	380	(17.3)	0	(0.2)	3	(1.0)	-5	(3.5)	9	(2.2)	0	(2.7)	2	(2.8)	
Jalisco	431	(12.3)	0	(0.2)	1	(1.0)	0	(3.0)	5	(3.6)	3	(3.1)	7	(4.1)	
Mexico	393	(17.2)	0	(0.1)	2	(1.0)	-2	(2.6)	4	(3.7)	8	(3.3)	5	(4.3)	
Morelos	386	(13.8)	0	(0.1)	2	(1.1)	1	(2.9)	0	(3.4)	9	(4.0)	11	(4.3)	
Nayarit	394	(14.4)	0	(0.2)	3	(1.2)	-1	(3.7)	1	(4.1)	-6	(3.7)	8	(4.7)	
Nuevo León	401	(11.8)	0	(0.2)	1	(0.7)	4	(2.8)	6	(3.0)	7	(2.3)	3	(2.9)	
Puebla	389	(15.1)	0	(0.2)	5	(1.1)	-6	(3.3)	7	(3.9)	-3	(2.2)	5	(2.9)	
Querétaro	411	(18.4)	0	(0.2)	1	(1.5)	-3	(3.6)	8	(3.1)	4	(2.9)	5	(3.3)	
Quintana Roo	372	(13.2)	0	(0.1)	2	(0.8)	3	(2.7)	-1	(3.5)	8	(2.9)	8	(3.3)	
San Luis Potosí	397	(15.7)	0	(0.1)	2	(1.1)	2	(3.1)	4	(3.5)	3	(3.5)	9	(3.3)	
Sinaloa	372	(14.1)	0	(0.1)	2	(0.9)	0	(2.8)	-1	(3.2)	8	(2.3)	3	(3.8)	
Tabasco	348	(13.5)	0	(0.2)	1	(1.0)	0	(4.8)	4	(3.2)	7	(3.2)	1	(3.0)	
Tamaulipas	360	(21.1)	0	(0.1)	2	(1.3)	-2	(3.1)	4	(2.4)	10	(4.7)	0	(3.4)	
Tlaxcala	375	(13.4)	0	(0.1)	2	(1.1)	-4	(3.6)	9	(2.5)	4	(2.8)	-3	(2.1)	
Veracruz	375	(16.0)	0	(0.2)	2	(0.9)	-4	(2.9)	6	(3.6)	5	(2.6)	3	(3.8)	
Yucatán	358	(9.4)	1	(0.2)	2	(1.4)	-7	(2.5)	13	(4.6)	6	(3.4)	-4	(3.1)	
Zacatecas	375	(12.7)	0	(0.1)	2	(1.0)	-4	(3.9)	7	(2.7)	5	(2.6)	0	(2.8)	

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.2.6 for national data.

1. Unique variation is the variation explained by each factor after taking into account the variation explained by the other factors in the model.

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[Part 2/4]

Relationship between mathematics performance and elements of socio-economic status, by region

Table B2.II.3 Results based on students' self-reports


		Score-point difference in mathematics performance associated with each of the following factors, after accounting for the other factors													
		Intercept		Parents' highest occupational status		Parents' highest level of education		Index of cultural possessions		Index of home educational resources		Number of books at home		Wealth	
		Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Portugal														
	Alentejo	407	(14.2)	1	(0.3)	1	(1.2)	8	(5.3)	2	(3.7)	12	(2.7)	10	(3.6)
	Spain														
	Andalusia*	369	(8.2)	1	(0.1)	1	(0.8)	6	(2.5)	5	(3.0)	19	(2.1)	-3	(3.0)
	Aragon*	368	(13.4)	1	(0.2)	2	(0.8)	12	(3.1)	1	(3.4)	20	(2.2)	-5	(2.8)
	Asturias*	369	(12.3)	1	(0.2)	2	(1.1)	10	(3.2)	5	(3.6)	20	(2.0)	-2	(3.7)
	Balearic Islands*	385	(13.4)	1	(0.1)	-1	(0.8)	4	(3.6)	7	(2.3)	17	(2.1)	-3	(3.2)
	Basque Country*	398	(6.6)	1	(0.1)	1	(0.5)	3	(1.6)	5	(1.6)	16	(1.3)	-5	(1.9)
	Cantabria*	392	(12.1)	1	(0.2)	0	(1.0)	5	(3.2)	7	(3.4)	17	(2.6)	-10	(2.7)
	Castile and Leon*	379	(11.4)	1	(0.1)	3	(0.7)	-1	(2.4)	5	(2.8)	19	(2.2)	-8	(3.0)
	Catalonia*	390	(14.8)	1	(0.2)	2	(1.0)	9	(2.4)	1	(2.4)	15	(2.1)	6	(3.6)
	Extremadura*	361	(8.8)	1	(0.2)	0	(0.9)	8	(2.2)	12	(3.3)	16	(2.2)	-4	(3.1)
	Galicia*	393	(10.4)	1	(0.1)	0	(1.0)	1	(2.3)	7	(3.0)	18	(1.4)	-4	(3.1)
	La Rioja*	373	(11.1)	1	(0.1)	1	(0.8)	6	(3.5)	5	(3.0)	24	(2.1)	-4	(3.8)
	Madrid*	368	(10.4)	0	(0.1)	3	(0.7)	9	(3.6)	0	(2.8)	18	(2.4)	-1	(3.4)
	Murcia*	361	(10.0)	1	(0.1)	1	(0.7)	7	(3.0)	7	(2.7)	21	(2.1)	-3	(3.1)
	Navarre*	401	(10.3)	1	(0.1)	2	(0.8)	0	(3.0)	0	(2.8)	16	(1.9)	4	(3.5)
	United Kingdom														
	England	391	(15.6)	1	(0.1)	0	(0.9)	0	(1.8)	6	(1.7)	22	(1.3)	-3	(1.9)
	Northern Ireland	403	(20.6)	1	(0.1)	-1	(1.4)	3	(2.5)	6	(2.5)	20	(1.5)	-3	(2.8)
	Scotland*	410	(11.6)	1	(0.1)	0	(0.8)	2	(2.1)	9	(1.8)	19	(1.4)	-5	(2.4)
Wales	402	(12.8)	1	(0.1)	-2	(0.8)	-3	(2.1)	11	(1.7)	21	(1.4)	-4	(2.0)	
United States															
Connecticut*	308	(18.2)	1	(0.1)	5	(1.2)	-1	(2.9)	4	(3.1)	23	(2.1)	5	(3.0)	
Florida*	397	(13.8)	1	(0.2)	-1	(1.4)	0	(3.1)	3	(2.0)	17	(2.1)	11	(2.6)	
Massachusetts*	349	(20.3)	1	(0.1)	3	(1.5)	3	(3.0)	0	(2.5)	23	(2.1)	5	(3.3)	
Partners	Argentina														
	Ciudad Autónoma de Buenos Aires*	288	(23.4)	1	(0.1)	5	(1.2)	2	(3.4)	1	(2.8)	12	(2.7)	7	(3.9)
	Brazil														
	Acre	338	(11.0)	1	(0.2)	2	(0.9)	-5	(3.2)	5	(2.9)	2	(2.7)	9	(4.5)
	Alagoas	347	(10.1)	0	(0.2)	2	(0.9)	0	(4.7)	14	(5.8)	-1	(3.4)	4	(6.3)
	Amapá	340	(19.6)	0	(0.2)	3	(0.9)	-4	(3.4)	11	(3.4)	-4	(2.7)	5	(6.3)
	Amazonas	332	(14.1)	0	(0.2)	2	(0.7)	-5	(4.9)	13	(2.3)	1	(2.9)	2	(6.6)
	Bahia	368	(27.2)	1	(0.3)	-1	(1.6)	2	(4.8)	13	(4.6)	2	(9.2)	8	(6.2)
	Ceará	375	(12.6)	1	(0.2)	1	(0.9)	-5	(5.0)	8	(4.5)	3	(3.4)	16	(6.7)
	Espírito Santo	382	(23.5)	1	(0.3)	1	(1.3)	-4	(2.8)	7	(3.5)	13	(3.4)	19	(6.4)
	Federal District	334	(20.7)	1	(0.2)	3	(1.3)	-1	(5.5)	9	(4.7)	9	(3.6)	12	(3.6)
	Goiás	338	(13.7)	0	(0.2)	3	(0.9)	-7	(4.9)	9	(4.5)	9	(3.7)	11	(3.9)
	Maranhão	338	(13.1)	1	(0.3)	2	(1.4)	-4	(6.2)	13	(5.5)	-2	(4.3)	10	(5.6)
	Mato Grosso	376	(16.1)	1	(0.3)	0	(1.1)	0	(4.4)	8	(3.6)	0	(3.8)	19	(6.4)
	Mato Grosso do Sul	344	(16.9)	0	(0.2)	4	(1.1)	-2	(3.8)	8	(4.4)	7	(3.2)	6	(3.6)
	Minas Gerais	365	(14.8)	0	(0.3)	2	(1.2)	-6	(3.8)	7	(3.9)	9	(2.9)	6	(4.1)
	Pará	347	(11.3)	0	(0.1)	2	(0.7)	-6	(3.0)	8	(2.7)	-2	(2.9)	9	(3.5)
	Paraíba	356	(13.6)	1	(0.3)	2	(0.8)	-2	(4.5)	7	(3.2)	3	(3.2)	16	(6.0)
	Paraná	338	(13.2)	1	(0.3)	3	(1.4)	-4	(6.3)	1	(3.0)	13	(6.7)	17	(6.7)
	Pernambuco	334	(10.6)	0	(0.3)	3	(1.2)	-8	(3.3)	0	(3.4)	3	(3.8)	11	(5.1)
	Piauí	325	(19.7)	0	(0.3)	5	(0.8)	-8	(2.8)	8	(4.3)	12	(7.7)	13	(3.6)
	Rio de Janeiro	344	(18.8)	1	(0.2)	1	(1.1)	-8	(2.9)	5	(3.5)	9	(3.2)	15	(5.6)
	Rio Grande do Norte	342	(19.6)	1	(0.2)	2	(1.2)	-6	(3.5)	2	(3.8)	15	(6.2)	24	(3.8)
	Rio Grande do Sul	377	(13.8)	0	(0.1)	1	(0.8)	-14	(4.8)	10	(3.4)	9	(5.4)	8	(3.9)
	Rondônia	367	(11.3)	0	(0.2)	2	(0.8)	-6	(2.7)	7	(3.8)	-2	(3.3)	2	(3.4)
	Roraima	341	(14.0)	1	(0.2)	2	(1.1)	-5	(2.5)	7	(4.7)	3	(4.3)	19	(3.6)
	Santa Catarina	363	(16.9)	0	(0.2)	2	(0.9)	-9	(3.6)	8	(3.5)	13	(3.3)	5	(5.0)
	São Paulo	347	(9.3)	1	(0.2)	2	(0.6)	-3	(1.9)	6	(2.5)	8	(2.3)	8	(4.7)
	Sergipe	353	(19.2)	1	(0.2)	2	(1.3)	-12	(4.0)	16	(4.4)	0	(4.1)	-1	(6.0)
	Tocantins	344	(13.5)	1	(0.2)	1	(1.0)	-8	(2.6)	11	(3.5)	4	(3.0)	10	(4.3)
	Colombia														
	Bogotá	368	(9.2)	0	(0.2)	2	(0.7)	-3	(2.0)	-1	(2.3)	7	(1.9)	16	(3.5)
	Cali	317	(12.3)	0	(0.1)	3	(0.8)	0	(2.6)	2	(2.1)	7	(2.3)	9	(3.9)
	Manizales	338	(11.2)	1	(0.2)	3	(0.7)	-2	(3.3)	-4	(3.2)	10	(2.8)	18	(3.8)
	Medellín	365	(13.6)	1	(0.2)	1	(0.9)	-1	(2.7)	-4	(2.7)	11	(2.6)	27	(2.9)
Russian Federation															
Perm Territory region*	322	(32.0)	1	(0.2)	7	(2.1)	11	(2.7)	8	(2.7)	9	(2.6)	-7	(2.9)	
United Arab Emirates															
Abu Dhabi*	305	(13.0)	1	(0.1)	3	(0.9)	2	(2.1)	15	(1.8)	7	(1.6)	-10	(1.6)	
Ajman	356	(19.7)	0	(0.2)	3	(1.3)	8	(3.9)	7	(3.6)	2	(2.9)	-5	(3.1)	
Dubai*	308	(11.9)	1	(0.1)	5	(0.7)	3	(1.8)	19	(1.7)	11	(1.2)	-6	(1.3)	
Fujairah	339	(21.4)	1	(0.3)	2	(1.6)	3	(4.6)	10	(4.0)	4	(2.8)	-6	(3.9)	
Ras al-Khaimah	325	(23.2)	1	(0.2)	3	(1.1)	4	(3.9)	9	(3.6)	3	(3.1)	-4	(2.4)	
Sharjah	294	(27.7)	1	(0.3)	6	(1.4)	5	(4.0)	13	(5.1)	6	(3.6)	-13	(5.1)	
Umm al-Quwain	371	(30.4)	1	(0.4)	-1	(1.6)	11	(6.3)	14	(4.9)	5	(3.6)	-3	(4.6)	

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.2.6 for national data.

1. Unique variation is the variation explained by each factor after taking into account the variation explained by the other factors in the model.

StatLink  <http://dx.doi.org/10.1787/888932964965>



[Part 3/4]

Relationship between mathematics performance and elements of socio-economic status, by regionTable B2.II.3 *Results based on students' self-reports*


	Explained variation in student performance (unique ¹ , common and total)							Total explained variation	
	Unique to:						Common explained variation (explained by more than one factor)		
	Parents' highest occupational status	Parents' highest level of education	Index of cultural possessions	Index home educational resources	Number of books at home	Wealth			
	%	%	%	%	%	%	%		
OECD	Australia								
	Australian Capital Territory	2.7	1.0	0.0	0.2	7.1	0.9	11.3	23.1
	New South Wales	2.0	1.0	0.0	1.0	4.1	0.5	10.2	18.7
	Northern Territory	3.0	0.1	0.0	1.8	2.9	1.1	14.3	23.2
	Queensland	2.2	1.2	0.0	0.7	5.5	0.0	11.1	20.8
	South Australia	1.7	1.1	0.1	0.8	4.5	0.5	7.2	15.8
	Tasmania	5.7	0.3	0.0	0.9	5.9	0.8	12.2	25.9
	Victoria	2.1	1.1	0.0	0.5	4.5	1.1	6.8	16.1
	Western Australia	2.3	0.7	0.0	1.3	4.1	0.1	10.5	19.2
	Belgium								
	Flemish Community*	4.5	0.5	0.1	1.1	3.7	0.0	13.8	23.7
	French Community	4.2	0.0	0.2	0.7	4.3	0.1	16.9	26.3
	German-speaking Community	1.9	0.3	0.2	1.4	5.4	0.8	4.4	14.3
	Canada								
	Alberta	2.7	0.0	0.0	0.3	6.8	0.1	6.0	16.0
	British Columbia	1.6	0.2	0.0	0.2	5.5	0.8	6.4	14.7
	Manitoba	1.9	0.6	0.1	0.2	5.5	0.1	10.3	18.6
	New Brunswick	2.8	0.2	0.4	0.9	5.3	0.8	4.9	15.2
	Newfoundland and Labrador	7.7	0.0	0.1	0.0	3.8	0.0	12.9	24.5
	Nova Scotia	1.3	1.1	0.2	0.9	6.5	0.4	7.8	18.4
	Ontario	2.8	0.2	0.2	0.0	4.6	0.3	6.7	14.8
	Prince Edward Island	3.4	0.1	0.1	0.3	3.8	0.9	7.8	16.4
	Quebec	1.6	0.6	0.0	0.1	5.7	0.0	9.8	17.8
	Saskatchewan	1.1	0.2	0.0	0.0	4.8	0.0	4.4	10.5
	Italy								
	Abruzzo	3.3	0.3	0.5	0.7	2.9	0.1	8.0	15.9
	Basilicata	2.0	0.0	0.6	0.0	1.5	0.0	9.0	13.2
	Bolzano	2.6	0.1	0.0	0.2	5.0	0.5	6.1	14.5
	Calabria	1.4	0.0	0.0	1.2	2.5	0.0	7.5	12.6
	Campania	2.8	0.0	0.7	0.0	3.2	0.1	11.0	17.8
	Emilia Romagna	2.1	0.1	0.7	0.2	5.1	0.0	14.4	22.7
	Friuli Venezia Giulia	1.4	0.1	0.2	0.5	4.2	0.0	8.3	14.7
	Lazio	1.1	0.0	0.7	0.1	4.6	0.0	7.5	14.1
	Liguria	3.0	0.4	0.3	0.4	5.2	0.3	10.3	19.9
	Lombardia	2.1	0.0	0.5	0.0	3.9	0.0	11.1	17.8
	Marche	1.4	0.4	0.2	0.1	2.4	0.2	5.0	9.7
	Molise	2.5	0.0	0.4	1.6	2.3	0.0	8.5	15.3
	Piemonte	1.5	0.1	0.1	0.1	5.3	0.1	8.9	16.2
	Puglia	2.7	0.0	0.2	0.8	2.1	0.0	10.2	16.0
	Sardegna	5.7	0.1	0.6	0.5	0.8	0.3	7.6	15.6
	Sicilia	3.9	0.1	0.3	0.6	1.5	0.0	9.0	15.5
	Toscana	3.1	0.2	1.3	0.1	3.2	0.1	13.6	21.6
	Trento	3.9	0.2	0.2	0.0	2.2	0.2	6.1	12.8
	Umbria	0.4	0.3	0.2	0.9	5.6	0.0	6.9	14.3
	Valle d'Aosta	1.1	0.0	0.0	0.8	4.5	0.4	7.0	13.9
	Veneto	2.6	0.4	0.1	0.5	5.0	0.0	10.5	19.2
	Mexico								
	Aguascalientes	0.5	0.6	0.3	0.2	0.3	0.5	9.1	11.4
	Baja California	0.7	0.1	0.0	0.1	3.3	0.0	2.8	7.0
	Baja California Sur	1.1	0.8	0.0	0.1	0.7	0.2	7.6	10.5
	Campeche	1.4	1.4	0.2	1.0	0.1	0.6	5.4	10.0
	Chiapas	2.9	0.0	1.0	0.3	0.1	0.0	2.0	6.4
	Chihuahua	1.2	0.5	0.0	0.0	1.2	0.2	7.9	11.1
	Coahuila	1.5	0.2	0.1	0.6	1.4	0.2	9.0	13.1
	Colima	0.8	0.1	0.0	0.3	0.6	0.9	8.5	11.1
	Distrito Federal	0.8	0.1	0.3	0.3	1.0	0.1	9.4	12.1
	Durango	1.7	0.3	0.4	0.3	0.6	0.3	6.7	10.3
	Guanajuato	1.2	0.7	0.0	0.3	0.1	0.1	9.6	12.1
	Guerrero	0.7	0.7	0.2	0.8	0.1	0.0	5.0	7.5
	Hidalgo	1.0	1.3	0.4	1.1	0.0	0.1	9.3	13.3
	Jalisco	0.1	0.1	0.0	0.3	0.2	0.9	4.6	6.2
	Mexico	0.0	0.4	0.1	0.2	1.3	0.4	4.1	6.6
	Morelos	0.5	0.4	0.0	0.0	1.4	2.2	15.0	19.4
	Nayarit	0.7	0.9	0.0	0.0	0.4	0.9	5.6	8.6
	Nuevo León	0.9	0.1	0.2	0.5	1.0	0.2	9.0	11.8
	Puebla	0.1	3.8	0.4	0.5	0.1	0.5	9.8	15.3
	Querétaro	0.9	0.1	0.1	0.9	0.3	0.4	8.5	11.3
	Quintana Roo	0.6	0.8	0.2	0.0	1.0	1.0	8.5	12.0
	San Luis Potosí	0.6	0.5	0.0	0.2	0.2	2.2	15.4	19.1
	Sinaloa	0.3	0.8	0.0	0.0	1.1	0.2	3.5	5.9
	Tabasco	1.4	0.1	0.0	0.3	0.8	0.0	5.3	8.1
	Tamaulipas	0.9	0.5	0.1	0.2	1.3	0.0	5.1	8.2
	Tlaxcala	0.5	0.6	0.2	1.0	0.3	0.2	3.1	6.0
	Veracruz	0.5	0.7	0.2	0.4	0.5	0.2	8.1	10.5
	Yucatán	2.2	0.4	0.6	2.1	0.6	0.4	7.0	13.4
	Zacatecas	0.8	0.7	0.2	0.7	0.4	0.0	6.7	9.5

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.2.6 for national data.

1. Unique variation is the variation explained by each factor after taking into account the variation explained by the other factors in the model.

StatLink  <http://dx.doi.org/10.1787/888932964965>

[Part 4/4]

Table B2.II.3 Relationship between mathematics performance and elements of socio-economic status, by region
Results based on students' self-reports


		Explained variation in student performance (unique ¹ , common and total)							Total explained variation
		Unique to:					Common explained variation (explained by more than one factor)		
		Parents' highest occupational status	Parents' highest level of education	Index of cultural possessions	Index home educational resources	Number of books at home		Wealth	
		%	%	%	%	%	%	%	
OECD	Portugal								
	Alentejo	2.0	0.1	0.5	0.0	1.9	0.9	15.6	21.1
	Spain								
	Andalusia*	1.8	0.2	0.3	0.2	6.3	0.1	14.9	23.7
	Aragon*	1.0	0.5	1.0	0.0	5.7	0.1	16.0	24.3
	Asturias*	1.1	0.4	0.7	0.2	6.1	0.0	15.9	24.3
	Balearic Islands*	3.1	0.1	0.2	0.4	6.2	0.1	11.3	21.4
	Basque Country*	1.5	0.2	0.1	0.3	4.7	0.2	10.0	17.0
	Cantabria*	2.8	0.0	0.2	0.4	5.4	0.7	10.9	20.5
	Castile and Leon*	1.3	0.8	0.0	0.3	6.5	0.5	11.0	20.3
	Catalonia*	1.8	0.3	0.8	0.0	4.4	0.3	15.8	23.5
	Extremadura*	3.4	0.0	0.5	1.0	3.6	0.1	14.8	23.4
	Galicia*	1.8	0.0	0.0	0.5	6.0	0.2	8.4	16.8
	La Rioja*	2.2	0.0	0.3	0.1	8.4	0.1	14.6	25.8
	Madrid*	0.7	1.0	0.7	0.0	5.5	0.0	15.2	23.1
	Murcia*	1.9	0.1	0.5	0.4	6.8	0.1	15.6	25.3
	Navarre*	1.7	0.5	0.0	0.0	4.7	0.1	10.7	17.8
	United Kingdom								
	England	2.9	0.0	0.0	0.3	9.0	0.1	10.2	22.6
	Northern Ireland	3.1	0.0	0.1	0.4	7.5	0.1	13.7	24.9
	Scotland*	2.7	0.0	0.0	0.9	7.1	0.2	12.2	23.2
Wales	2.4	0.2	0.1	1.3	8.8	0.1	9.3	22.2	
United States									
Connecticut*	1.5	0.9	0.0	0.1	7.7	0.2	17.8	28.4	
Florida*	2.5	0.1	0.0	0.1	5.5	1.4	10.7	20.3	
Massachusetts*	2.2	0.3	0.1	0.0	7.6	0.2	16.1	26.5	
Partners	Argentina								
	Ciudad Autónoma de Buenos Aires*	2.2	2.7	0.0	0.0	2.1	0.5	19.8	27.3
	Brazil								
	Acre	1.8	0.6	0.3	0.4	0.1	0.9	10.3	14.3
	Alagoas	0.4	1.1	0.0	2.6	0.0	0.2	10.0	14.3
	Amapá	1.0	2.5	0.3	2.2	0.5	0.4	9.8	16.7
	Amazonas	1.7	0.9	0.4	2.7	0.1	0.1	6.1	12.0
	Bahia	6.6	0.2	0.1	1.6	0.1	0.6	17.6	26.8
	Ceará	1.5	0.3	0.3	0.7	0.1	2.7	13.7	19.2
	Espírito Santo	0.9	0.2	0.1	0.4	1.8	2.5	16.9	22.9
	Federal District	3.3	1.1	0.0	0.9	1.2	1.6	22.1	30.3
	Goiás	0.9	2.3	0.6	1.1	1.5	1.2	12.6	20.4
	Maranhão	1.4	1.3	0.2	1.6	0.1	0.9	13.3	18.7
	Mato Grosso	1.9	0.1	0.0	0.9	0.0	4.0	13.2	20.1
	Mato Grosso do Sul	1.0	4.0	0.1	0.8	0.8	0.4	17.2	24.2
	Minas Gerais	1.1	0.6	0.6	0.6	1.2	0.5	9.6	14.2
	Pará	1.8	1.1	0.5	1.0	0.2	1.2	9.7	15.5
	Paraíba	3.6	0.7	0.1	0.6	0.2	2.5	21.7	29.2
	Paraná	2.5	1.2	0.2	0.0	2.1	2.7	19.4	28.1
	Pernambuco	1.3	2.7	1.1	0.0	0.3	1.5	7.8	14.7
	Piauí	0.4	3.7	0.6	0.6	2.2	1.7	21.8	31.0
	Rio de Janeiro	3.6	0.1	0.9	0.3	1.8	2.2	9.2	18.3
	Rio Grande do Norte	1.3	0.7	0.4	0.1	3.0	5.1	23.5	33.9
	Rio Grande do Sul	0.8	0.2	2.8	1.5	1.5	0.8	3.9	11.5
	Rondônia	0.8	0.9	0.6	1.0	0.1	0.1	4.4	7.9
	Roraima	1.7	0.9	0.3	0.8	0.2	4.3	15.7	24.0
	Santa Catarina	1.3	1.2	1.2	1.0	2.3	0.2	8.1	15.3
	São Paulo	3.2	0.6	0.1	0.5	1.1	0.6	11.9	17.9
	Sergipe	2.9	0.8	2.2	3.8	0.0	0.0	7.7	17.5
	Tocantins	2.3	0.5	0.7	1.5	0.3	0.8	11.7	17.8
	Colombia								
	Bogotá	0.3	1.0	0.1	0.0	0.8	3.3	4.9	10.5
	Cali	1.4	1.9	0.0	0.1	1.0	1.0	10.7	16.1
	Manizales	1.6	1.9	0.1	0.3	1.5	3.2	13.9	22.4
	Medellín	2.0	0.2	0.0	0.2	1.5	7.4	20.1	31.3
	Russian Federation								
Perm Territory region*	1.6	0.9	1.0	0.6	1.7	0.3	8.0	14.1	
United Arab Emirates									
Abu Dhabi*	3.2	0.8	0.1	2.5	1.1	2.4	7.7	17.7	
Ajman	0.3	1.4	0.9	0.9	0.2	0.6	4.5	8.9	
Dubai*	1.1	1.2	0.1	3.7	2.3	0.6	9.1	18.0	
Fujairah	1.9	0.5	0.1	1.5	0.4	0.9	4.9	10.2	
Ras al-Khaimah	3.3	0.9	0.2	1.3	0.3	0.5	5.6	12.0	
Sharjah	1.1	2.0	0.3	2.2	0.8	3.6	6.9	16.9	
Umm al-Quwain	1.8	0.1	1.5	3.5	0.8	0.4	8.0	16.0	

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.2.6 for national data.

1. Unique variation is the variation explained by each factor after taking into account the variation explained by the other factors in the model.

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[Part 1/2]
Variation in mathematics performance, by region
 Results based on students' self-reports

Table B2.II.5

	Mean performance ¹		Total variation in mathematics performance ²		Variation in mathematics performance between schools ³		Variation in mathematics performance within schools ⁴		As a percentage of the average total variation in mathematics performance across OECD countries			Index of academic inclusion ⁵	
	Mean score	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Total variance	Between schools variance	Within schools variance	Index	S.E.
OECD													
Australia													
Australian Capital Territory	518	(3.6)	9 327	(556)	1 925	(385)	7 385	(586)	110.0	22.7	87.1	79.3	(3.5)
New South Wales	509	(3.6)	10 396	(532)	3 646	(556)	6 796	(206)	122.6	43.0	80.1	65.1	(3.5)
Northern Territory	452	(10.4)	11 899	(1 314)	3 566	(1 855)	8 243	(915)	140.3	42.1	97.2	69.8	(11.2)
Queensland	503	(2.9)	8 783	(332)	1 851	(301)	6 953	(223)	103.6	21.8	82.0	79.0	(2.8)
South Australia	489	(3.3)	8 313	(362)	1 808	(304)	6 459	(258)	98.0	21.3	76.2	78.1	(3.0)
Tasmania	478	(3.4)	8 936	(455)	1 607	(396)	7 305	(365)	105.4	18.9	86.1	82.0	(3.7)
Victoria	501	(3.7)	8 281	(425)	2 083	(420)	6 241	(254)	97.7	24.6	73.6	75.0	(3.9)
Western Australia	516	(3.4)	8 843	(340)	2 162	(321)	6 768	(256)	104.3	25.5	79.8	75.8	(2.8)
Belgium													
Flemish Community*	531	(3.3)	10800	(429)	5651	(557)	5106	(181)	127.3	66.6	60.2	47.5	(2.8)
French Community	493	(2.9)	9 222	(385)	4 207	(547)	5 021	(184)	108.8	49.6	59.2	54.4	(3.4)
German-speaking Community	511	(2.1)	8 184	(359)	2 649	(1 129)	5 300	(505)	96.5	31.2	62.5	66.7	(9.7)
Canada													
Alberta	517	(4.6)	8 306	(325)	1 670	(375)	6 678	(270)	98.0	19.7	78.8	80.0	(3.6)
British Columbia	522	(4.4)	7 378	(339)	1 009	(207)	6 360	(285)	87.0	11.9	75.0	86.3	(2.5)
Manitoba	492	(2.9)	7 914	(373)	1 404	(348)	6 438	(293)	93.3	16.6	75.9	82.1	(3.7)
New Brunswick	502	(2.6)	6 793	(310)	625	(170)	6 184	(258)	80.1	7.4	72.9	90.8	(2.3)
Newfoundland and Labrador	490	(3.7)	7 466	(376)	1 401	(435)	6 240	(353)	88.0	16.5	73.6	81.7	(4.7)
Nova Scotia	497	(4.1)	6 624	(376)	477	(134)	6 152	(397)	78.1	5.6	72.6	92.8	(1.9)
Ontario	514	(4.1)	7 626	(315)	1 163	(209)	6 531	(238)	89.9	13.7	77.0	84.9	(2.4)
Prince Edward Island	479	(2.5)	7 068	(367)	382	(197)	6 648	(357)	83.4	4.5	78.4	94.6	(2.7)
Quebec	536	(3.4)	8 244	(315)	2 370	(340)	5 797	(196)	97.2	27.9	68.4	71.0	(3.0)
Saskatchewan	506	(3.0)	7 125	(331)	706	(202)	6 339	(244)	84.0	8.3	74.8	90.0	(2.6)
Italy													
Abruzzo	476	(6.4)	8 079	(754)	4 088	(1 007)	3 982	(191)	95.3	48.2	47.0	49.3	(6.3)
Basilicata	466	(4.3)	7 185	(339)	3 038	(551)	4 143	(223)	84.7	35.8	48.9	57.7	(4.6)
Bolzano	506	(2.1)	8 000	(239)	3 493	(671)	4 461	(177)	94.3	41.2	52.6	56.1	(4.8)
Calabria	430	(5.7)	7 764	(600)	3 634	(579)	4 148	(225)	91.6	42.9	48.9	53.3	(4.2)
Campania	453	(7.7)	7 988	(613)	3 714	(559)	4 198	(224)	94.2	43.8	49.5	53.1	(4.0)
Emilia Romagna	500	(6.4)	9 384	(768)	4 555	(779)	4 529	(238)	110.7	53.7	53.4	49.9	(4.5)
Friuli Venezia Giulia	523	(4.4)	7 712	(563)	3 476	(681)	4 204	(188)	90.9	41.0	49.6	54.7	(5.0)
Lazio	475	(6.8)	8 092	(524)	3 875	(512)	4 155	(182)	95.4	45.7	49.0	51.7	(3.5)
Liguria	488	(6.2)	8 285	(521)	3 768	(778)	4 432	(231)	97.7	44.4	52.3	54.1	(5.3)
Lombardia	517	(7.6)	7 478	(542)	3 366	(545)	4 019	(185)	88.2	39.7	47.4	54.4	(4.2)
Marche	496	(5.5)	7 298	(581)	2 811	(608)	4 351	(189)	86.1	33.2	51.3	60.7	(5.3)
Molise	466	(2.3)	7 217	(387)	3 088	(718)	4 127	(203)	85.1	36.4	48.7	57.2	(5.8)
Piemonte	499	(5.8)	7 706	(458)	2 894	(507)	4 681	(230)	90.9	34.1	55.2	61.8	(4.3)
Puglia	478	(6.1)	7 470	(561)	3 549	(553)	3 854	(197)	88.1	41.9	45.4	52.1	(4.1)
Sardegna	458	(5.3)	7 608	(423)	3 197	(519)	4 341	(216)	89.7	37.7	51.2	57.6	(4.1)
Sicilia	447	(5.1)	6 768	(483)	2 790	(495)	3 811	(175)	79.8	32.9	44.9	57.7	(4.5)
Toscana	495	(4.9)	8 663	(458)	4 557	(649)	4 082	(176)	102.2	53.7	48.1	47.2	(3.7)
Trento	524	(4.1)	6 802	(385)	2 893	(564)	3 833	(184)	80.2	34.1	45.2	57.0	(4.9)
Umbria	493	(6.8)	7 788	(675)	3 828	(753)	3 833	(212)	91.8	45.1	45.2	50.0	(5.1)
Valle d'Aosta	492	(2.2)	6 923	(352)	2 872	(909)	3 947	(215)	81.6	33.9	46.6	57.9	(7.8)
Veneto	523	(7.6)	8 265	(731)	4 214	(658)	3 872	(219)	97.5	49.7	45.7	47.9	(4.1)
Mexico													
Agascalientes	437	(4.5)	5 331	(441)	1 860	(384)	3 443	(201)	62.9	21.9	40.6	64.9	(4.9)
Baja California	415	(5.8)	5 204	(381)	1 561	(379)	3 679	(213)	61.4	18.4	43.4	70.2	(5.2)
Baja California Sur	414	(5.4)	5 252	(326)	1 486	(355)	3 754	(208)	61.9	17.5	44.3	71.6	(5.0)
Campeche	396	(3.9)	4 999	(342)	1 368	(385)	3 661	(186)	59.0	16.1	43.2	72.8	(5.7)
Chiapas	373	(7.2)	5 551	(528)	2 260	(429)	3 292	(236)	65.5	26.6	40.0	60.0	(4.8)
Chihuahua	428	(7.8)	6 122	(438)	2 444	(626)	3 651	(200)	72.2	28.8	43.1	59.9	(6.3)
Coahuila	418	(8.1)	5 172	(522)	1 529	(430)	3 687	(226)	61.0	18.0	43.5	70.7	(6.0)
Colima	429	(4.5)	5 936	(398)	2 754	(728)	3 145	(257)	70.0	32.5	37.1	53.3	(6.9)
Distrito Federal	428	(5.0)	5 367	(398)	1 796	(403)	3 561	(298)	63.3	21.2	42.0	66.5	(5.3)
Durango	424	(5.7)	5 292	(341)	1 718	(376)	3 539	(200)	62.4	20.3	41.7	67.3	(5.0)
Guanajuato	412	(5.4)	5 661	(393)	1 944	(431)	3 819	(272)	66.8	22.9	45.0	66.3	(5.2)
Guerrero	367	(3.4)	4 431	(317)	1 248	(302)	3 283	(201)	52.3	14.7	38.7	72.5	(5.0)
Hidalgo	406	(5.8)	5 412	(386)	2 275	(462)	3 077	(206)	63.8	26.8	36.3	57.5	(5.2)
Jalisco	435	(5.9)	5 199	(321)	1 636	(379)	3 559	(189)	61.3	19.3	42.0	68.5	(5.1)
Mexico	417	(5.6)	4 467	(426)	1 240	(358)	3 092	(209)	52.7	14.6	36.5	71.4	(6.1)
Morelos	421	(8.5)	6 185	(989)	2 855	(949)	3 310	(209)	72.9	33.7	39.9	53.7	(8.4)
Nayarit	414	(5.9)	5 925	(470)	1 492	(438)	4 152	(242)	69.9	17.6	49.0	73.6	(5.8)
Nuevo León	436	(8.2)	5 450	(325)	1 663	(320)	3 861	(291)	64.3	19.6	45.5	69.9	(4.4)
Puebla	415	(4.9)	5 489	(473)	1 582	(472)	3 843	(231)	64.7	18.7	45.3	70.8	(6.3)
Querétaro	434	(6.4)	5 594	(474)	1 836	(456)	3 719	(211)	66.0	21.7	43.9	67.0	(5.6)
Quintana Roo	411	(5.4)	5 060	(284)	1 285	(321)	3 710	(222)	59.7	15.2	43.7	74.3	(4.9)
San Luis Potosí	412	(7.4)	5 637	(425)	1 941	(497)	3 724	(328)	66.5	22.9	43.9	65.7	(6.1)
Sinaloa	411	(4.2)	4 727	(256)	1 074	(266)	3 600	(194)	55.7	12.7	42.5	77.0	(4.5)
Tabasco	378	(3.8)	5 024	(434)	1 385	(385)	3 688	(215)	59.3	16.3	43.5	72.7	(5.6)
Tamaulipas	411	(7.4)	5 595	(489)	1 475	(383)	4 073	(367)	66.0	17.4	48.0	73.4	(5.4)
Tlaxcala	411	(5.0)	5 145	(281)	1 372	(327)	3 760	(207)	60.7	16.2	44.3	73.3	(4.8)
Veracruz	402	(6.3)	5 577	(414)	1 506	(381)	4 170	(315)	65.8	17.8	49.2	73.5	(5.1)
Yucatán	410	(4.6)	5 516	(316)	1 455	(429)	3 982	(216)	65.1	17.2	47.0	73.2	(5.9)
Zacatecas	408	(4.2)	5 193	(307)	1 044	(265)	4 152	(251)	61.2	12.3	49.0	79.9	(4.2)

* PISA adjudicated region.

Note: See Table II.2.8a for national data.


1. The statistics computed for this table were estimated for all students, whether they had data on socio-economic status or not.

2. The total variation in student performance is calculated from the square of the standard deviation for all students.

3. In some countries, sub-units within schools were sampled instead of schools; this may affect the estimation of between-school variance components (see Annex A3).

4. Due to the unbalanced clustered nature of the data, the sum of the between- and within-school variation components, as an estimate from a sample, does not necessarily add up to the total.

5. The index of academic inclusion is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of performance, i.e. the variation in student performance between schools, divided by the sum of the variation in student performance between schools and the variation in student performance within schools.

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[Part 2/2]

Variation in mathematics performance, by region

Table B2.II.5 Results based on students' self-reports

	Mean performance ¹		Total variation in mathematics performance ²		Variation in mathematics performance between schools ³		Variation in mathematics performance within schools ⁴		As a percentage of the average total variation in mathematics performance across OECD countries			Index of academic inclusion ⁵	
	Mean score	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Total variance	Between schools variance	Within schools variance	Index	S.E.
OECD													
Portugal													
Alentejo	489	(10.3)	8 062	(668)	2 504	(613)	5 628	(426)	95.1	29.5	66.4	69.2	(5.5)
Spain													
Andalusia*	472	(3.8)	7 245	(314)	868	(197)	6 406	(257)	85.4	10.2	75.6	88.1	(2.4)
Aragon*	496	(5.4)	8 600	(440)	1 324	(276)	7 212	(409)	101.4	15.6	85.1	84.5	(2.8)
Asturias*	500	(4.3)	8 702	(523)	1 137	(380)	7 217	(304)	102.6	13.4	85.1	86.4	(4.0)
Balearic Islands*	475	(4.8)	7 580	(380)	970	(229)	6 635	(305)	89.4	11.4	78.3	87.2	(2.7)
Basque Country*	505	(2.5)	7 061	(171)	1 420	(227)	5 567	(127)	83.3	16.7	65.7	79.7	(2.6)
Cantabria*	491	(3.5)	8 040	(357)	933	(322)	6 975	(294)	94.8	11.0	82.3	88.2	(3.6)
Castile and Leon*	509	(4.2)	7 011	(345)	998	(282)	5 957	(239)	82.7	11.8	70.2	85.7	(3.5)
Catalonia*	493	(5.2)	7 067	(329)	1 470	(292)	5 570	(230)	83.3	17.3	65.7	79.1	(3.4)
Extremadura*	461	(4.4)	8 608	(388)	1 260	(291)	7 386	(300)	101.5	14.9	87.1	85.4	(2.9)
Galicia*	489	(4.2)	7 395	(318)	902	(189)	6 582	(323)	87.2	10.6	77.6	88.0	(2.3)
La Rioja*	503	(1.9)	10 005	(465)	808	(254)	9 142	(556)	118.0	9.5	107.8	91.9	(2.4)
Madrid*	504	(3.5)	7 546	(375)	1 293	(319)	6 234	(278)	89.0	15.2	73.5	82.8	(3.6)
Murcia*	462	(4.7)	8 079	(487)	1 255	(368)	6 842	(289)	95.3	14.8	80.7	84.5	(3.9)
Navarre*	517	(3.1)	7 350	(367)	604	(185)	6 660	(297)	86.7	7.1	78.5	91.7	(2.4)
United Kingdom													
England	495	(3.9)	9 132	(389)	2 641	(341)	6 501	(192)	107.7	31.2	76.7	71.1	(2.7)
Northern Ireland	487	(3.1)	8 705	(378)	4 189	(387)	4 497	(170)	102.7	49.4	53.0	51.8	(2.5)
Scotland*	498	(2.6)	7 460	(282)	1 066	(197)	6 395	(197)	88.0	12.6	75.4	85.7	(2.3)
Wales	468	(2.2)	7 264	(214)	831	(151)	6 418	(194)	85.7	9.8	75.7	88.5	(1.9)
United States													
Connecticut*	506	(6.2)	9 818	(480)	2 296	(455)	7 453	(337)	115.8	27.1	87.9	76.4	(3.7)
Florida*	467	(5.8)	7 256	(400)	1 288	(365)	5 962	(235)	85.6	15.2	70.3	82.2	(4.2)
Massachusetts*	514	(6.2)	9 595	(569)	2 546	(627)	6 979	(319)	113.2	30.0	82.3	73.3	(4.9)
Partners													
Argentina													
Ciudad Autónoma de Buenos Aires*	418	(7.3)	9 022	(1 340)	5 097	(1 477)	3 851	(201)	106.4	60.1	45.4	43.0	(7.2)
Brazil													
Acre	359	(5.6)	4 466	(467)	969	(489)	3 508	(214)	52.7	11.4	41.4	78.3	(8.6)
Alagoas	342	(6.0)	4 886	(748)	1 835	(635)	3 021	(271)	57.6	21.6	35.6	62.2	(8.4)
Amapá	360	(8.6)	4 185	(526)	1 249	(392)	2 994	(300)	49.4	14.7	35.3	70.6	(6.8)
Amazonas	356	(5.5)	4 212	(777)	1 227	(780)	3 004	(245)	49.7	14.5	35.4	71.0	(13.2)
Bahia	373	(8.7)	6 452	(1 030)	3 006	(1 215)	3 516	(408)	76.1	35.5	41.5	53.9	(10.4)
Ceará	378	(8.8)	6 324	(1 090)	2 798	(1 085)	3 538	(291)	74.6	33.0	41.7	55.8	(9.8)
Espírito Santo	414	(9.7)	7 433	(944)	4 015	(1 225)	3 437	(260)	87.7	47.4	40.5	46.1	(7.8)
Federal District	416	(9.1)	6 974	(1 171)	3 811	(1 111)	3 198	(237)	82.3	44.9	37.7	45.6	(7.5)
Goiás	379	(5.9)	5 125	(488)	1 855	(634)	3 354	(280)	60.4	21.9	39.6	64.4	(8.1)
Maranhão	343	(13.2)	5 960	(1 265)	2 880	(1 033)	3 131	(362)	70.3	34.0	36.9	52.1	(9.4)
Mato Grosso	370	(9.0)	5 387	(989)	2 182	(969)	3 081	(241)	63.5	25.7	36.3	58.5	(10.9)
Mato Grosso do Sul	408	(7.5)	5 457	(510)	2 263	(646)	3 199	(273)	64.4	26.7	37.7	58.6	(7.2)
Minas Gerais	403	(6.7)	5 172	(462)	1 556	(580)	3 593	(243)	61.0	18.3	42.4	69.8	(8.0)
Pará	360	(4.2)	4 558	(360)	1 728	(413)	2 875	(215)	53.8	20.4	33.9	62.5	(5.9)
Paraíba	395	(6.7)	6 203	(1 000)	2 870	(920)	3 455	(378)	73.1	33.8	40.7	54.6	(8.4)
Paraná	403	(11.6)	6 623	(1 772)	3 063	(1 825)	3 610	(242)	78.1	36.1	42.6	54.1	(14.9)
Pernambuco	363	(7.5)	4 479	(539)	1 326	(545)	3 121	(234)	52.8	15.6	36.8	70.2	(8.7)
Piauí	385	(7.4)	6 581	(1 168)	3 568	(1 570)	3 101	(253)	77.6	42.1	36.6	46.5	(11.1)
Rio de Janeiro	389	(6.7)	4 930	(566)	1 872	(568)	3 151	(225)	58.1	22.1	37.2	62.7	(7.3)
Rio Grande do Norte	380	(9.1)	7 021	(1 445)	4 005	(1 734)	3 149	(301)	82.8	47.2	37.1	44.0	(10.9)
Rio Grande do Sul	407	(5.5)	4 587	(356)	1 291	(349)	3 293	(219)	54.1	15.2	38.8	71.8	(5.6)
Rondônia	382	(5.3)	4 089	(307)	892	(265)	3 252	(306)	48.2	10.5	38.3	78.5	(5.3)
Roraima	362	(5.7)	5 247	(480)	2 182	(799)	3 078	(250)	61.9	25.7	36.3	58.5	(9.1)
Santa Catarina	415	(8.3)	5 599	(571)	1 877	(647)	3 777	(260)	66.0	22.1	44.5	66.8	(7.8)
São Paulo	404	(4.4)	6 147	(525)	2 454	(604)	3 686	(165)	72.5	28.9	43.5	60.0	(6.0)
Sergipe	384	(8.9)	4 978	(762)	1 577	(696)	3 532	(254)	58.7	18.6	41.7	69.1	(9.5)
Tocantins	366	(7.3)	5 888	(736)	2 066	(788)	3 860	(211)	69.4	24.4	45.5	65.1	(8.8)
Colombia													
Bogotá	393	(3.4)	4 379	(317)	700	(274)	3 656	(155)	51.6	8.3	43.1	83.9	(5.3)
Cali	379	(6.1)	4 965	(359)	1 765	(312)	3 154	(160)	58.6	20.8	37.2	64.1	(4.2)
Manizales	404	(4.1)	5 205	(582)	1 893	(568)	3 336	(170)	61.4	22.3	39.3	63.8	(7.0)
Medellín	393	(7.5)	6 875	(962)	3 342	(1 024)	3 520	(153)	81.1	39.4	41.5	51.3	(7.7)
Russian Federation													
Perm Territory region*	484	(5.5)	7 883	(775)	2 593	(783)	5 312	(283)	93.0	30.6	62.6	67.2	(6.8)
United Arab Emirates													
Abu Dhabi*	421	(4.0)	7 728	(401)	3 205	(498)	4 512	(150)	91.1	37.8	53.2	58.5	(3.9)
Ajman	403	(7.9)	5 571	(649)	1 443	(556)	4 143	(358)	65.7	17.0	48.9	74.2	(7.6)
Dubai*	464	(1.2)	8 882	(212)	4 135	(530)	4 708	(153)	104.8	48.8	55.5	53.2	(3.3)
Fujairah	411	(9.9)	6 801	(436)	2 546	(713)	4 254	(248)	80.2	30.0	50.2	62.6	(6.7)
Ras al-Khaimah	416	(6.7)	5 673	(465)	1 426	(539)	4 015	(232)	66.9	16.8	47.4	73.8	(7.4)
Sharjah	439	(9.0)	7 016	(628)	2 838	(655)	4 251	(340)	82.7	33.5	50.1	60.0	(5.9)
Umm al-Quwain	398	(4.0)	5 593	(608)	1 200	(433)	4 427	(364)	66.0	14.1	52.2	78.7	(6.2)

* PISA adjudicated region.


Note: See Table II.2.8a for national data.

1. The statistics computed for this table were estimated for all students, whether they had data on socio-economic status or not.

2. The total variation in student performance is calculated from the square of the standard deviation for all students.

3. In some countries, sub-units within schools were sampled instead of schools; this may affect the estimation of between-school variance components (see Annex A3).

4. Due to the unbalanced clustered nature of the data, the sum of the between- and within-school variation components, as an estimate from a sample, does not necessarily add up to the total.

5. The index of academic inclusion is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of performance, i.e. the variation in student performance between schools, divided by the sum of the variation in student performance between schools and the variation in student performance within schools.StatLink  <http://dx.doi.org/10.1787/888932964965>



[Part 1/4]
**Relationship between performance in mathematics and socio-economic status,
 between and within schools¹, by region**

Table B2.II.6 *Results based on students' self-reports*

	Within-school association of ESCS ² and mathematics performance ³		Between-school association of ESCS and mathematics performance ⁴		Percentage of the overall variation in mathematics performance explained by students' ESCS		Percentage of the overall variation in mathematics performance explained by students' and schools' ESCS	
	Student-level score-point difference associated with one-unit increase in the student-level ESCS		School-level score-point difference associated with one-unit increase in the school mean ESCS		Between-school	Within-school	Between-school	Within-school
		S.E.		S.E.				
OECD								
Australia								
Australian Capital Territory	37	(7.4)	89	(19.7)	32.6	13.1	59.9	13.2
New South Wales	26	(2.2)	66	(8.8)	26.8	6.9	47.8	7.0
Northern Territory	40	(5.5)	86	(28.0)	44.9	10.8	72.0	11.0
Queensland	32	(3.0)	58	(7.3)	46.2	7.6	70.3	7.7
South Australia	22	(3.9)	58	(9.8)	34.1	4.7	61.3	4.8
Tasmania	29	(3.8)	57	(8.3)	54.6	9.5	84.3	9.8
Victoria	18	(2.6)	70	(9.0)	25.1	3.4	55.5	3.6
Western Australia	23	(3.5)	70	(8.5)	39.8	4.5	74.6	4.7
Belgium								
Flemish Community*	20	(1.9)	107	(8.1)	22.0	5.2	71.2	5.2
French Community	19	(2.2)	92	(7.0)	28.3	4.5	79.3	4.5
German-speaking Community	8	(2.7)	137	(39.4)	-5.4	1.5	60.9	1.4
Canada								
Alberta	21	(2.5)	74	(13.2)	28.7	8.8	60.5	8.8
British Columbia	19	(2.4)	35	(10.5)	34.2	7.4	50.2	7.4
Manitoba	27	(2.9)	38	(8.6)	41.5	8.3	57.0	8.4
New Brunswick	22	(3.7)	34	(10.7)	35.5	7.1	52.6	7.1
Newfoundland and Labrador	33	(3.6)	38	(8.9)	51.1	16.3	67.8	16.3
Nova Scotia	26	(3.3)	23	(12.2)	35.8	10.1	45.6	10.1
Ontario	24	(2.5)	30	(8.7)	31.1	7.1	42.3	7.2
Prince Edward Island	25	(2.6)	49	(18.7)	43.8	7.9	74.5	7.8
Quebec	21	(2.0)	64	(8.5)	26.0	6.0	53.9	6.0
Saskatchewan	24	(2.8)	9	(10.1)	26.7	11.1	28.1	11.1
Italy								
Abruzzo	7	(2.3)	106	(19.5)	7.1	1.5	48.7	1.5
Basilicata	8	(2.4)	78	(10.8)	11.3	1.6	58.3	1.6
Bolzano	6	(3.1)	101	(13.0)	6.5	0.5	50.3	0.5
Calabria	4	(2.1)	80	(10.2)	7.4	0.5	52.3	0.5
Campania	5	(2.2)	80	(10.9)	7.2	2.1	60.8	2.1
Emilia Romagna	10	(2.9)	102	(11.4)	12.8	2.0	69.4	2.0
Friuli Venezia Giulia	4	(2.4)	96	(14.8)	7.3	0.2	56.6	0.2
Lazio	4	(2.5)	98	(11.5)	4.4	0.8	48.9	0.8
Liguria	5	(2.7)	104	(14.1)	7.6	0.4	63.1	0.5
Lombardia	9	(2.8)	70	(12.0)	11.9	2.2	50.0	2.2
Marche	6	(2.4)	77	(19.8)	7.2	1.5	42.4	1.4
Molise	6	(2.5)	88	(14.4)	9.1	0.7	59.6	0.7
Piemonte	9	(2.6)	79	(14.1)	9.7	3.0	51.8	3.0
Puglia	8	(2.5)	78	(9.5)	12.3	1.1	61.7	1.1
Sardegna	10	(2.1)	77	(9.4)	14.7	2.1	60.4	2.1
Sicilia	9	(2.1)	74	(10.2)	13.4	2.5	59.2	2.6
Toscana	8	(2.4)	82	(15.6)	9.4	2.5	50.9	2.5
Trento	4	(2.8)	93	(14.6)	6.0	0.2	55.8	0.1
Umbria	1	(2.0)	92	(17.9)	3.1	0.2	46.7	0.2
Valle d'Aosta	8	(3.1)	61	(19.0)	11.1	3.0	37.8	3.1
Veneto	5	(2.3)	90	(25.0)	6.1	1.3	49.8	1.3
Mexico								
Aguascalientes	6	(2.3)	36	(6.4)	14.5	1.1	46.6	1.2
Baja California	4	(2.7)	32	(11.5)	6.5	0.3	25.4	0.3
Baja California Sur	8	(2.4)	40	(9.2)	20.7	1.5	58.0	1.4
Campeche	11	(3.7)	13	(8.5)	19.8	3.2	27.7	3.1
Chiapas	0	(2.3)	26	(6.6)	0.8	0.4	19.2	0.4
Chihuahua	6	(1.8)	54	(10.0)	12.0	1.1	57.7	0.9
Coahuila	6	(3.0)	39	(9.3)	21.8	0.5	61.6	0.6
Colima	2	(1.7)	51	(8.0)	6.8	0.2	57.7	0.2
Distrito Federal	3	(2.1)	36	(5.7)	13.4	0.1	53.2	0.1
Durango	6	(2.5)	32	(8.3)	15.4	0.8	46.5	0.7
Guanajuato	6	(2.4)	29	(6.7)	20.0	1.0	49.4	1.1
Guerrero	7	(2.4)	21	(6.2)	14.7	1.6	31.1	1.7
Hidalgo	7	(2.2)	31	(6.2)	16.2	1.4	42.9	1.4
Jalisco	4	(2.5)	26	(8.6)	9.6	1.0	28.5	1.1
Mexico	5	(2.4)	29	(9.6)	9.6	2.3	31.8	2.4
Morelos	7	(2.3)	38	(8.2)	22.2	1.9	60.6	1.9
Nayarit	6	(2.2)	25	(7.2)	16.4	0.7	36.9	0.8
Nuevo León	-1	(2.5)	46	(4.9)	7.3	-0.5	73.0	-0.3
Puebla	6	(2.9)	27	(5.8)	30.5	0.6	61.4	0.8
Querétaro	4	(5.2)	27	(5.6)	17.4	0.8	47.8	0.8
Quintana Roo	8	(2.3)	34	(6.1)	26.1	1.7	60.3	1.9
San Luis Potosí	4	(2.5)	34	(4.0)	29.0	1.0	79.7	1.2
Sinaloa	5	(2.4)	37	(6.8)	11.4	1.3	51.0	1.3
Tabasco	6	(2.6)	29	(6.6)	18.2	0.9	48.0	0.9
Tamaulipas	6	(3.0)	41	(8.7)	15.7	0.8	53.3	0.7
Tlaxcala	4	(1.9)	26	(9.1)	10.8	1.0	33.1	1.0
Veracruz	9	(2.2)	15	(5.5)	28.7	1.6	41.5	1.6
Yucatán	7	(2.4)	22	(6.1)	28.9	0.8	51.1	1.0
Zacatecas	7	(2.7)	24	(6.4)	32.6	5.5	54.7	5.6

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.2.9a for national data.

1. In some countries, sub-units within schools were sampled instead of schools as administrative units; this may affect the estimation of school-level effects (see Annex A3).

2. ESCS refers to the *PISA index of economic, social and cultural status*.

3. Two-level regression of mathematics performance on student ESCS and school mean ESCS: within-school slope for ESCS and student-level variation explained by the model.

4. Two-level regression of mathematics performance on student ESCS and school mean ESCS: between-school slope for ESCS and school-level variation explained by the model.

5. Two-level regression of mathematics performance on student-level ESCS, student-level ESCS squared, school mean ESCS, and school mean ESCS squared. The within-school index of curvilinearity corresponds to the coefficient of student-level ESCS squared.

6. Two-level regression of mathematics performance on student ESCS, student ESCS squared, school mean ESCS and school mean ESCS squared: between-school index of curvilinearity corresponds to the coefficient of school mean ESCS squared.

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[Part 2/4]

Relationship between performance in mathematics and socio-economic status, between and within schools¹, by region

Table B2.II.6 Results based on students' self-reports

	Within-school association of ESCS ² and mathematics performance ³		Between-school association of ESCS and mathematics performance ⁴		Percentage of the overall variation in mathematics performance explained by students' ESCS		Percentage of the overall variation in mathematics performance explained by students' and schools' ESCS	
	Student-level score-point difference associated with one-unit increase in the student-level ESCS	S.E.	School-level score-point difference associated with one-unit increase in the school mean ESCS	S.E.	Between-school	Within-school	Between-school	Within-school
OECD								
Portugal								
Alentejo	19	(4.0)	55	(12.8)	36.4	6.2	75.3	6.2
Spain								
Andalusia*	29	(2.2)	13	(5.8)	52.7	12.0	57.5	12.0
Aragon*	27	(3.3)	32	(8.4)	51.7	8.2	67.8	8.3
Asturias*	28	(2.9)	27	(7.3)	56.5	8.4	69.1	8.6
Balearic Islands*	26	(2.8)	24	(8.4)	41.7	10.8	52.2	10.8
Basque Country*	19	(1.5)	39	(5.8)	38.1	6.0	58.7	6.1
Cantabria*	27	(2.8)	14	(9.6)	27.3	9.7	30.4	9.7
Castile and Leon*	25	(3.0)	19	(9.0)	29.4	8.7	35.6	8.7
Catalonia*	25	(2.3)	33	(7.4)	45.2	10.3	63.9	10.4
Extremadura*	29	(2.4)	25	(6.2)	46.4	11.3	57.8	11.4
Galicia*	21	(3.2)	24	(7.0)	42.2	6.9	56.0	6.9
La Rioja*	34	(3.3)	26	(10.5)	61.4	12.5	72.9	12.5
Madrid*	28	(3.2)	17	(7.1)	48.4	9.4	54.6	9.5
Murcia*	30	(2.3)	22	(12.0)	31.1	11.9	37.6	11.9
Navarre*	27	(2.9)	17	(5.7)	72.3	8.8	81.1	8.9
United Kingdom								
England	24	(2.0)	75	(7.6)	33.1	6.3	63.9	6.3
Northern Ireland	12	(2.2)	122	(6.5)	18.6	4.7	83.8	4.7
Scotland*	28	(2.1)	50	(7.0)	46.4	7.7	72.4	7.8
Wales	28	(2.1)	45	(7.0)	43.5	7.9	63.9	8.0
United States								
Connecticut*	34	(3.1)	54	(8.2)	57.8	9.9	85.0	10.1
Florida*	26	(2.6)	55	(10.7)	41.9	8.0	73.5	8.0
Massachusetts*	30	(4.1)	59	(10.4)	49.1	7.6	80.3	7.7
Partners								
Argentina								
Ciudad Autónoma de Buenos Aires*	13	(2.4)	56	(9.2)	28.6	4.2	70.6	4.3
Brazil								
Acre	10	(2.7)	33	(7.3)	36.4	4.6	76.5	4.7
Alagoas	5	(2.5)	39	(9.2)	16.6	0.7	63.9	0.4
Amapá	10	(2.7)	43	(8.8)	23.6	4.8	63.3	4.8
Amazonas	6	(3.0)	51	(16.2)	14.1	0.7	61.3	0.7
Bahia	7	(2.9)	42	(9.3)	21.3	0.4	63.8	0.5
Ceará	3	(2.2)	48	(8.5)	11.7	1.1	70.3	1.0
Espírito Santo	10	(3.2)	42	(12.0)	19.2	2.6	50.3	2.7
Federal District	8	(3.8)	67	(8.4)	20.3	1.9	86.6	1.9
Goias	7	(3.0)	59	(7.6)	25.1	2.6	93.8	2.4
Maranhão	5	(3.4)	54	(11.1)	13.0	1.1	60.1	1.0
Mato Grosso	7	(3.0)	46	(10.0)	15.5	1.3	54.6	1.3
Mato Grosso do Sul	11	(2.7)	44	(6.9)	36.7	3.4	83.6	3.4
Minas Gerais	11	(3.0)	30	(8.1)	32.3	3.4	62.7	3.3
Pará	11	(2.8)	36	(6.8)	21.6	4.1	48.3	4.0
Paraíba	14	(3.5)	38	(8.9)	40.4	5.6	77.3	5.7
Paraná	11	(2.8)	58	(8.5)	28.7	4.3	84.5	4.4
Pernambuco	14	(3.0)	26	(14.0)	27.3	5.1	43.7	5.1
Piauí	2	(3.3)	57	(8.6)	10.9	0.1	84.4	0.2
Rio de Janeiro	6	(4.3)	71	(8.4)	14.4	2.4	80.5	2.5
Rio Grande do Norte	2	(3.0)	64	(7.8)	10.6	-0.7	87.0	-0.7
Rio Grande do Sul	10	(2.7)	23	(9.6)	16.4	2.3	30.7	2.3
Rondônia	10	(2.6)	15	(7.8)	18.6	3.4	28.9	3.4
Roraima	9	(2.7)	56	(3.9)	27.0	2.1	88.5	2.0
Santa Catarina	13	(3.7)	32	(10.9)	20.4	3.2	40.4	3.3
São Paulo	7	(1.8)	54	(7.4)	18.4	1.2	70.2	1.2
Sergipe	6	(4.3)	39	(14.0)	17.8	1.0	55.5	1.1
Tocantins	11	(3.2)	46	(11.2)	21.6	3.2	61.5	3.1
Colombia								
Bogotá	11	(2.1)	44	(7.8)	32.3	2.4	74.6	2.5
Cali	12	(2.5)	41	(7.8)	25.7	3.0	58.9	3.0
Manizales	12	(2.4)	42	(7.7)	35.9	2.8	77.8	3.0
Medellín	10	(2.0)	56	(7.0)	27.3	2.0	79.7	2.1
Russian Federation								
Perm Territory region*	19	(2.7)	82	(18.9)	18.8	3.6	50.2	3.6
United Arab Emirates								
Abu Dhabi*	10	(2.3)	67	(11.1)	11.3	1.7	41.7	1.7
Ajman	14	(4.3)	43	(22.7)	14.2	2.8	31.5	2.8
Dubai*	13	(2.4)	96	(10.4)	11.6	1.3	47.4	1.3
Fujairah	10	(4.6)	60	(26.8)	6.7	1.3	25.3	1.3
Ras al-Khaimah	14	(3.7)	36	(12.9)	18.6	3.4	37.6	3.3
Sharjah	19	(4.1)	49	(28.0)	9.6	3.7	20.3	3.7
Umm al-Quwain	15	(5.8)	77	(13.5)	15.3	2.6	51.0	2.6

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.2.9a for national data.

1. In some countries, sub-units within schools were sampled instead of schools as administrative units; this may affect the estimation of school-level effects (see Annex A3).


2. ESCS refers to the PISA index of economic, social and cultural status.

3. Two-level regression of mathematics performance on student ESCS and school mean ESCS: within-school slope for ESCS and student-level variation explained by the model.

4. Two-level regression of mathematics performance on student ESCS and school mean ESCS: between-school slope for ESCS and school-level variation explained by the model.

5. Two-level regression of mathematics performance on student-level ESCS, student-level ESCS squared, school mean ESCS, and school mean ESCS squared. The within-school index of curvilinearity corresponds to the coefficient of student-level ESCS squared.

6. Two-level regression of mathematics performance on student ESCS, student ESCS squared, school mean ESCS and school mean ESCS squared: between-school index of curvilinearity corresponds to the coefficient of school mean ESCS squared.

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[Part 3/4]
**Relationship between performance in mathematics and socio-economic status,
 between and within schools¹, by region**

Table B2.II.6 *Results based on students' self-reports*

	Within-school index of curvilinearity of ESCS ⁵		Between-school index of curvilinearity of ESCS ⁶		Percentage of the overall variation in mathematics performance explained by students' study programmes		Percentage of the overall variation in mathematics performance explained by students' study programmes and schools' ESCS	
	Student-level score-point difference associated with one-unit increase in the student-level ESCS	S.E.	School-level score-point difference associated with one-unit increase in the school mean ESCS	S.E.	Between-school	Within-school	Between-school	Within-school
OECD								
Australia								
Australian Capital Territory	-8	(4.7)	59	(49.4)	7.3	7.2	59.9	14.0
New South Wales	0	(1.7)	6	(13.6)	6.8	4.4	51.5	9.0
Northern Territory	-7	(5.9)	-44	(27.2)	1.6	7.5	68.2	16.2
Queensland	4	(2.6)	1	(11.8)	13.9	8.0	73.1	14.0
South Australia	0	(3.2)	14	(11.3)	8.0	3.3	65.5	6.9
Tasmania	0	(3.2)	8	(13.9)	-2.7	4.4	82.5	10.4
Victoria	-4	(2.6)	26	(15.5)	6.3	2.2	57.3	4.6
Western Australia	1	(3.0)	10	(12.6)	9.4	6.2	74.8	9.3
Belgium								
Flemish Community*	0	(1.2)	-11	(6.4)	76.6	24.7	83.9	26.1
French Community	2	(1.6)	-12	(10.4)	70.7	24.2	89.6	25.2
German-speaking Community	5	(3.7)	-250	(198.6)	75.7	25.5	78.9	25.7
Canada								
Alberta	-1	(2.4)	22	(32.0)	19.2	6.7	65.2	10.5
British Columbia	-1	(2.3)	66	(20.1)	8.5	4.3	50.9	7.8
Manitoba	2	(2.3)	8	(9.1)	8.2	3.1	57.0	9.6
New Brunswick	2	(3.3)	50	(24.6)	16.0	11.6	58.6	14.3
Newfoundland and Labrador	0	(3.6)	-18	(11.7)	0.0	0.0	67.8	16.3
Nova Scotia	2	(3.9)	-30	(28.5)	49.0	5.2	61.2	11.7
Ontario	3	(1.6)	-4	(13.3)	3.6	2.8	42.0	8.3
Prince Edward Island	3	(1.5)	-110	(81.6)	17.0	1.9	76.1	7.9
Quebec	-1	(1.7)	8	(13.5)	25.2	15.3	61.2	17.5
Saskatchewan	-1	(2.9)	-1	(22.0)	17.8	8.0	28.4	13.5
Italy								
Abruzzo	-2	(1.8)	-108	(47.0)	50.5	2.0	60.4	2.6
Basilicata	2	(2.5)	-44	(17.7)	55.7	0.0	63.6	1.6
Bolzano	-6	(2.3)	-37	(24.6)	53.2	0.1	65.0	0.5
Calabria	2	(1.6)	28	(15.5)	50.1	1.9	57.2	2.2
Campania	3	(1.9)	-21	(14.4)	59.4	1.7	69.6	2.1
Emilia Romagna	-3	(2.2)	-34	(13.5)	54.9	0.7	77.6	1.9
Friuli Venezia Giulia	-4	(1.8)	-1	(21.6)	51.9	-0.8	62.5	-0.1
Lazio	0	(1.6)	12	(20.7)	41.1	1.0	54.1	1.2
Liguria	-1	(1.9)	6	(20.4)	59.8	0.2	71.6	0.6
Lombardia	0	(1.8)	-29	(12.9)	33.7	0.4	57.8	2.0
Marche	-1	(1.7)	-87	(34.4)	53.9	0.8	57.2	1.5
Molise	0	(2.3)	-15	(21.4)	44.9	0.2	63.8	0.8
Piemonte	-1	(1.9)	-64	(20.7)	63.4	1.2	66.0	2.8
Puglia	0	(1.5)	-35	(15.8)	50.7	0.2	67.7	1.1
Sardegna	-2	(2.1)	-28	(13.7)	53.1	0.5	68.4	2.3
Sicilia	-1	(1.3)	-5	(17.2)	55.7	0.8	69.9	2.6
Toscana	-1	(1.8)	-42	(17.5)	70.9	2.0	72.0	2.9
Trento	-5	(2.3)	-25	(27.2)	45.8	0.1	58.2	0.2
Umbria	3	(2.0)	-52	(21.5)	48.2	0.2	58.0	0.2
Valle d'Aosta	-3	(3.0)	-21	(14.9)	34.7	3.4	44.9	4.2
Veneto	0	(1.8)	-79	(15.4)	69.8	0.7	70.7	1.4
Mexico								
Aguascalientes	-2	(1.7)	0	(7.0)	29.6	0.1	77.9	1.1
Baja California	-1	(1.8)	25	(11.3)	51.1	-0.2	67.3	0.0
Baja California Sur	0	(1.9)	7	(9.5)	46.5	0.0	80.0	1.3
Campeche	3	(1.6)	2	(6.8)	50.2	-0.3	56.3	3.1
Chiapas	3	(1.7)	9	(6.8)	31.9	0.3	45.4	0.2
Chihuahua	5	(2.2)	1	(11.7)	18.5	0.3	73.6	0.8
Coahuila	1	(2.2)	10	(7.9)	38.6	-0.1	73.1	0.5
Colima	2	(1.5)	4	(7.2)	53.2	0.1	72.2	0.2
Distrito Federal	0	(1.5)	-19	(7.6)	43.4	-0.2	84.8	-0.1
Durango	2	(1.9)	9	(5.3)	54.3	-0.2	65.3	0.5
Guanajuato	-1	(1.4)	-6	(4.6)	76.2	0.3	81.1	1.1
Guerrero	1	(1.3)	6	(4.5)	53.8	0.0	62.4	1.5
Hidalgo	1	(1.3)	-3	(3.7)	46.4	0.2	65.7	1.5
Jalisco	1	(1.4)	-7	(7.9)	48.7	0.3	53.4	1.0
Mexico	0	(1.9)	4	(7.8)	40.3	1.8	60.2	2.5
Morelos	1	(1.3)	-4	(7.9)	41.7	0.2	74.3	1.9
Nayarit	0	(1.2)	-2	(4.5)	31.1	-0.1	66.8	0.7
Nuevo León	0	(1.7)	2	(3.6)	47.7	-0.3	79.2	-0.3
Puebla	-2	(1.4)	-4	(3.5)	59.4	-0.4	85.9	0.6
Querétaro	-4	(2.2)	7	(4.6)	43.5	0.6	74.3	0.7
Quintana Roo	-1	(1.8)	5	(4.2)	68.6	0.4	82.7	1.8
San Luis Potosí	2	(1.3)	-1	(2.4)	35.0	0.8	89.5	1.1
Sinaloa	-1	(1.7)	18	(8.2)	35.0	0.7	66.7	1.2
Tabasco	1	(1.4)	4	(5.4)	66.8	0.0	78.8	1.0
Tamaulipas	2	(1.7)	0	(6.9)	34.4	0.0	74.8	0.7
Tlaxcala	1	(1.4)	-24	(5.8)	45.4	0.6	58.9	1.1
Veracruz	0	(1.0)	3	(4.3)	8.2	-0.1	47.6	1.6
Yucatán	0	(1.5)	2	(4.2)	64.0	0.0	85.6	0.9
Zacatecas	3	(1.3)	-4	(4.1)	48.0	4.3	74.2	5.5

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.2.9a for national data.

1. In some countries, sub-units within schools were sampled instead of schools as administrative units; this may affect the estimation of school-level effects (see Annex A3).

2. ESCS refers to the *PISA index of economic, social and cultural status*.

3. Two-level regression of mathematics performance on student ESCS and school mean ESCS: within-school slope for ESCS and student-level variation explained by the model.

4. Two-level regression of mathematics performance on student ESCS and school mean ESCS: between-school slope for ESCS and school-level variation explained by the model.

5. Two-level regression of mathematics performance on student-level ESCS, student-level ESCS squared, school mean ESCS, and school mean ESCS squared. The within-school index of curvilinearity corresponds to the coefficient of student-level ESCS squared.

6. Two-level regression of mathematics performance on student ESCS, student ESCS squared, school mean ESCS and school mean ESCS squared: between-school index of curvilinearity corresponds to the coefficient of school mean ESCS squared.

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[Part 4/4]

Relationship between performance in mathematics and socio-economic status, between and within schools¹, by region

Table B2.II.6 Results based on students' self-reports

	Within-school index of curvilinearity of ESCS ⁵		Between-school index of curvilinearity of ESCS ⁶		Percentage of the overall variation in mathematics performance explained by students' study programmes		Percentage of the overall variation in mathematics performance explained by students' study programmes and students' and schools' ESCS	
	Student-level score-point difference associated with one-unit increase in the student-level ESCS	S.E.	School-level score-point difference associated with one-unit increase in the school mean ESCS	S.E.	Between-school	Within-school	Between-school	Within-school
OECD								
Portugal								
Alentejo	0	(2.1)	-27	(9.1)	83.2	15.1	89.3	18.3
Spain								
Andalusia*	2	(1.8)	2	(7.8)	0.0	0.0	57.5	12.0
Aragon*	-7	(1.9)	-22	(11.2)	0.0	0.0	67.8	8.3
Asturias*	-1	(2.7)	7	(12.0)	0.0	0.0	69.1	8.6
Balearic Islands*	-3	(1.8)	-16	(13.0)	0.0	0.0	52.2	10.8
Basque Country*	-2	(1.4)	-24	(6.9)	0.0	0.0	58.7	6.1
Cantabria*	4	(2.2)	31	(15.4)	0.0	0.0	30.4	9.7
Castile and Leon*	-2	(2.0)	2	(14.7)	0.0	0.0	35.6	8.7
Catalonia*	0	(1.9)	-6	(13.2)	0.0	0.0	63.9	10.4
Extremadura*	0	(2.0)	3	(9.8)	0.0	0.0	57.8	11.4
Galicia*	-1	(1.7)	2	(11.1)	0.0	0.0	56.0	6.9
La Rioja*	2	(3.1)	2	(18.3)	3.9	2.9	71.6	13.4
Madrid*	-8	(2.0)	-5	(12.1)	0.0	0.0	54.6	9.5
Murcia*	1	(2.0)	-7	(18.5)	0.0	0.0	37.6	11.9
Navarre*	-1	(2.3)	-5	(6.2)	0.0	0.0	81.1	8.9
United Kingdom								
England	2	(1.8)	6	(15.1)	7.2	2.4	63.9	6.6
Northern Ireland	-2	(2.3)	-10	(16.5)	2.8	3.4	83.8	5.1
Scotland*	6	(2.3)	-5	(13.7)	1.3	4.6	70.7	10.9
Wales	6	(2.3)	13	(14.9)	6.7	1.9	64.5	8.6
United States								
Connecticut*	5	(1.9)	-5	(11.6)	17.0	4.4	87.9	12.2
Florida*	7	(2.1)	32	(20.3)	20.0	12.5	74.3	17.0
Massachusetts*	6	(2.5)	8	(17.3)	0.0	0.0	80.3	7.7
Partners								
Argentina								
Ciudad Autónoma de Buenos Aires*	-1	(1.6)	-32	(12.6)	29.0	8.3	75.5	10.7
Brazil								
Acre	3	(2.1)	6	(6.2)	25.4	4.7	73.6	7.4
Alagoas	-1	(1.6)	31	(13.7)	36.6	2.7	83.5	3.3
Amapá	0	(2.2)	8	(12.0)	21.3	3.7	73.2	6.3
Amazonas	-1	(1.6)	24	(7.6)	26.6	1.5	68.5	2.3
Bahia	1	(2.3)	13	(10.6)	14.9	3.8	77.0	4.9
Ceará	0	(2.1)	6	(8.3)	22.4	3.0	82.7	3.1
Espírito Santo	3	(1.9)	20	(10.5)	18.2	8.4	61.0	10.7
Federal District	0	(3.1)	-5	(9.7)	34.9	8.2	91.1	9.0
Goiás	-2	(1.8)	6	(6.6)	27.1	6.4	94.9	6.9
Maranhão	0	(1.6)	25	(9.6)	25.8	2.4	83.7	3.3
Mato Grosso	0	(2.2)	12	(7.3)	14.7	4.7	63.3	5.7
Mato Grosso do Sul	1	(1.6)	9	(11.2)	37.3	8.5	90.8	11.7
Minas Gerais	0	(2.2)	9	(7.2)	29.0	10.6	78.0	13.1
Pará	1	(1.3)	9	(16.8)	44.3	2.7	69.9	6.9
Paraíba	0	(2.7)	6	(7.3)	14.9	5.2	80.0	10.4
Paraná	0	(2.1)	18	(5.6)	17.2	9.4	87.7	12.0
Pernambuco	-2	(1.8)	20	(6.3)	32.3	5.3	58.2	11.0
Piauí	-2	(1.5)	14	(4.9)	19.6	8.6	87.9	8.7
Rio de Janeiro	-2	(2.2)	-24	(12.6)	22.8	7.4	86.1	8.3
Rio Grande do Norte	-2	(2.2)	22	(4.2)	14.0	4.4	89.0	4.4
Rio Grande do Sul	-2	(2.0)	6	(13.1)	31.4	6.1	49.3	8.4
Rondônia	2	(1.5)	1	(10.1)	47.7	12.5	68.3	14.5
Roraima	2	(2.5)	9	(5.2)	37.4	8.7	95.7	10.1
Santa Catarina	4	(1.8)	-1	(11.6)	55.6	7.1	67.8	10.1
São Paulo	-2	(1.2)	20	(6.8)	12.6	6.6	72.5	7.4
Sergipe	-2	(2.7)	18	(15.5)	46.0	5.9	68.3	7.3
Tocantins	3	(2.0)	17	(9.8)	11.0	8.2	68.1	10.3
Colombia								
Bogotá	-1	(1.6)	9	(5.2)	14.8	12.4	73.4	13.7
Cali	-2	(1.6)	-19	(7.3)	14.4	10.2	66.4	10.6
Manizales	-1	(1.2)	23	(7.0)	19.4	13.4	78.1	15.1
Medellín	1	(1.1)	19	(3.9)	11.1	13.0	78.3	14.1
Russian Federation								
Perm Territory region*	-4	(2.8)	66	(34.9)	2.0	2.0	54.9	4.7
United Arab Emirates								
Abu Dhabi*	-1	(1.2)	28	(15.7)	13.9	7.7	40.4	8.4
Ajman	4	(2.4)	-33	(44.1)	51.0	7.2	52.6	9.5
Dubai*	-1	(1.2)	9	(16.8)	5.2	3.2	45.9	4.0
Fujairah	1	(2.8)	49	(40.3)	18.5	7.6	38.1	8.8
Ras al-Khaimah	3	(1.9)	1	(19.2)	52.9	2.1	67.5	5.0
Sharjah	0	(2.6)	-5	(36.9)	8.3	7.2	20.9	9.9
Umm al-Quwain	8	(3.9)	-8	(34.2)	76.4	3.6	79.6	6.5

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.2.9a for national data.

1. In some countries, sub-units within schools were sampled instead of schools as administrative units; this may affect the estimation of school-level effects (see Annex A3).


2. ESCS refers to the PISA index of economic, social and cultural status.

3. Two-level regression of mathematics performance on student ESCS and school mean ESCS: within-school slope for ESCS and student-level variation explained by the model.

4. Two-level regression of mathematics performance on student ESCS and school mean ESCS: between-school slope for ESCS and school-level variation explained by the model.

5. Two-level regression of mathematics performance on student-level ESCS, student-level ESCS squared, school mean ESCS, and school mean ESCS squared. The within-school index of curvilinearity corresponds to the coefficient of student-level ESCS squared.

6. Two-level regression of mathematics performance on student ESCS, student ESCS squared, school mean ESCS and school mean ESCS squared: between-school index of curvilinearity corresponds to the coefficient of school mean ESCS squared.

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[Part 1/4]
Students' socio-economic status, by region

Table B2.II.7 Results based on students' self-reports

	ESCS ¹		Variation in ESCS		Skewness of the distribution of ESCS		Percentage of students with low ESCS ²	
	Mean index	S.E.	Variance	S.E.	Skewness	S.E.	(Approximated by the percentage of students with a value of ESCS lower than -1)	
							%	S.E.
OECD								
Australia								
Australian Capital Territory	0.6	(0.02)	0.6	(0.03)	-0.8	(0.20)	1.6	(0.4)
New South Wales	0.2	(0.02)	0.8	(0.01)	-0.5	(0.05)	7.3	(0.6)
Northern Territory	0.1	(0.06)	0.8	(0.03)	-0.5	(0.08)	10.4	(2.4)
Queensland	0.2	(0.02)	0.8	(0.01)	-0.3	(0.05)	7.4	(0.6)
South Australia	0.2	(0.02)	0.8	(0.03)	-0.6	(0.14)	7.9	(1.0)
Tasmania	0.0	(0.03)	0.8	(0.02)	-0.1	(0.07)	11.6	(0.9)
Victoria	0.3	(0.02)	0.8	(0.01)	-0.5	(0.07)	5.2	(0.5)
Western Australia	0.3	(0.03)	0.8	(0.01)	-0.4	(0.05)	6.7	(0.7)
Belgium								
Flemish Community*	0.2	(0.02)	0.9	(0.02)	-0.4	(0.15)	9.9	(0.6)
French Community	0.1	(0.03)	0.9	(0.02)	-0.2	(0.06)	11.4	(1.0)
German-speaking Community	0.3	(0.03)	0.8	(0.01)	-0.1	(0.07)	6.1	(0.9)
Canada								
Alberta	0.5	(0.03)	0.8	(0.01)	-0.3	(0.05)	3.0	(0.4)
British Columbia	0.5	(0.04)	0.9	(0.02)	-0.3	(0.06)	4.5	(0.6)
Manitoba	0.3	(0.03)	0.9	(0.02)	-0.3	(0.06)	8.5	(1.1)
New Brunswick	0.4	(0.02)	0.8	(0.02)	-0.2	(0.07)	4.8	(0.6)
Newfoundland and Labrador	0.3	(0.04)	0.9	(0.02)	-0.1	(0.05)	7.9	(1.5)
Nova Scotia	0.3	(0.03)	0.8	(0.01)	-0.1	(0.05)	5.7	(0.6)
Ontario	0.4	(0.04)	0.9	(0.02)	-0.5	(0.12)	6.2	(0.8)
Prince Edward Island	0.3	(0.02)	0.8	(0.02)	-0.4	(0.05)	6.1	(0.7)
Quebec	0.3	(0.03)	0.8	(0.01)	-0.4	(0.04)	6.3	(0.6)
Saskatchewan	0.4	(0.02)	0.8	(0.01)	0.0	(0.05)	3.5	(0.5)
Italy								
Abruzzo	0.0	(0.04)	0.9	(0.02)	0.1	(0.06)	13.5	(1.0)
Basilicata	-0.2	(0.03)	1.0	(0.02)	0.3	(0.05)	21.9	(1.2)
Bolzano	-0.1	(0.02)	0.8	(0.01)	0.1	(0.05)	12.5	(0.9)
Calabria	-0.2	(0.05)	1.0	(0.02)	0.2	(0.06)	25.3	(1.5)
Campania	-0.2	(0.06)	1.0	(0.02)	0.3	(0.06)	24.7	(1.9)
Emilia Romagna	0.0	(0.04)	0.9	(0.02)	0.0	(0.06)	14.8	(1.2)
Friuli Venezia Giulia	0.0	(0.04)	0.9	(0.02)	-0.1	(0.05)	12.2	(1.4)
Lazio	0.2	(0.05)	0.9	(0.02)	-0.2	(0.07)	11.0	(1.2)
Liguria	0.0	(0.04)	0.9	(0.02)	-0.1	(0.09)	13.1	(1.2)
Lombardia	0.1	(0.05)	1.0	(0.02)	0.0	(0.06)	15.7	(1.7)
Marche	0.0	(0.04)	0.9	(0.02)	0.1	(0.06)	16.5	(1.2)
Molise	-0.1	(0.03)	0.9	(0.02)	0.2	(0.05)	19.0	(1.2)
Piemonte	-0.1	(0.04)	0.9	(0.01)	0.1	(0.04)	17.4	(1.1)
Puglia	-0.3	(0.04)	1.0	(0.02)	0.3	(0.06)	28.6	(1.6)
Sardegna	-0.1	(0.05)	1.0	(0.02)	0.2	(0.06)	22.6	(1.5)
Sicilia	-0.1	(0.05)	1.0	(0.02)	0.1	(0.04)	22.2	(1.4)
Toscana	0.0	(0.06)	0.9	(0.02)	0.0	(0.08)	15.6	(1.3)
Trento	0.0	(0.03)	0.9	(0.02)	0.1	(0.06)	11.7	(1.1)
Umbria	0.1	(0.04)	0.9	(0.02)	0.1	(0.05)	11.1	(1.3)
Valle d'Aosta	-0.2	(0.03)	1.0	(0.02)	0.2	(0.05)	23.5	(1.4)
Veneto	-0.1	(0.04)	0.9	(0.02)	0.2	(0.06)	16.6	(1.5)
Mexico								
Aguascalientes	-0.8	(0.08)	1.2	(0.03)	0.2	(0.07)	46.6	(2.9)
Baja California	-0.7	(0.08)	1.0	(0.05)	0.0	(0.08)	42.1	(3.5)
Baja California Sur	-0.8	(0.09)	1.1	(0.03)	0.0	(0.12)	42.6	(4.2)
Campeche	-1.3	(0.09)	1.3	(0.04)	0.2	(0.09)	60.7	(2.9)
Chiapas	-1.7	(0.13)	1.2	(0.07)	0.5	(0.10)	72.7	(4.1)
Chihuahua	-0.8	(0.10)	1.1	(0.03)	0.0	(0.11)	44.6	(3.9)
Coahuila	-0.8	(0.12)	1.1	(0.04)	0.1	(0.13)	46.5	(5.4)
Colima	-0.8	(0.10)	1.2	(0.04)	0.0	(0.08)	43.9	(3.1)
Distrito Federal	-0.6	(0.12)	1.2	(0.05)	0.2	(0.06)	40.2	(3.5)
Durango	-1.0	(0.14)	1.2	(0.04)	0.2	(0.18)	52.9	(6.1)
Guanajuato	-1.3	(0.12)	1.2	(0.07)	0.5	(0.09)	63.3	(4.1)
Guerrero	-1.7	(0.09)	1.2	(0.04)	0.4	(0.08)	72.9	(2.3)
Hidalgo	-1.4	(0.10)	1.2	(0.06)	0.4	(0.09)	67.0	(3.1)
Jalisco	-1.1	(0.12)	1.2	(0.05)	0.3	(0.09)	54.8	(3.7)
Mexico	-1.1	(0.08)	1.1	(0.04)	0.3	(0.10)	56.3	(3.6)
Morelos	-0.9	(0.14)	1.3	(0.05)	0.1	(0.09)	51.1	(4.0)
Nayarit	-1.0	(0.11)	1.3	(0.04)	0.1	(0.09)	52.7	(3.4)
Nuevo León	-0.4	(0.16)	1.1	(0.05)	-0.1	(0.16)	33.0	(4.3)
Puebla	-1.5	(0.11)	1.3	(0.06)	0.6	(0.10)	69.4	(3.4)
Querétaro	-0.9	(0.18)	1.3	(0.06)	0.2	(0.17)	52.6	(6.3)
Quintana Roo	-1.0	(0.09)	1.1	(0.04)	0.0	(0.08)	49.5	(3.8)
San Luis Potosí	-1.3	(0.17)	1.4	(0.09)	0.4	(0.11)	61.9	(5.0)
Sinaloa	-1.0	(0.07)	1.1	(0.03)	0.1	(0.06)	49.5	(2.9)
Tabasco	-1.2	(0.09)	1.2	(0.03)	0.3	(0.07)	59.8	(3.3)
Tamaulipas	-0.9	(0.09)	1.1	(0.04)	0.1	(0.05)	47.8	(3.4)
Tlaxcala	-1.2	(0.08)	1.2	(0.05)	0.4	(0.06)	61.4	(2.9)
Veracruz	-1.5	(0.10)	1.4	(0.06)	0.4	(0.10)	64.2	(3.0)
Yucatán	-1.2	(0.15)	1.3	(0.05)	0.3	(0.14)	56.5	(5.3)
Zacatecas	-1.2	(0.08)	1.2	(0.04)	0.5	(0.08)	61.5	(2.7)

* PISA adjudicated region.

Note: See Table II.2.13a for national data.

1. ESCS refers to the PISA index of economic, social and cultural status.

2. Students with low ESCS are those with a value on the PISA index of economic, social and cultural status lower than -1.

3. Distribution of the school mean ESCS, percentiles calculated at the student level.

4. The index of social inclusion is calculated as $100 \times (1 - \rho)$, where rho stands for the intra-class correlation of socio-economic status, i.e. the between-school variation in the PISA index of social, economic and cultural status of students, divided by the sum of the between-school variation in students' socio-economic status and the within-school variation in students' socio-economic status.

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[Part 2/4]
Students' socio-economic status, by region
 Table B2.II.7 *Results based on students' self-reports*

	ESCS ¹		Variation in ESCS		Skewness of the distribution of ESCS		Percentage of students with low ESCS ²	
	Mean index	S.E.	Variance	S.E.	Skewness	S.E.	%	S.E.
OECD								
Portugal								
Alentejo	-0.3	(0.14)	1.1	(0.03)	0.3	(0.14)	32.9	(4.5)
Spain								
Andalusia*	-0.4	(0.07)	1.0	(0.02)	0.2	(0.08)	31.1	(2.5)
Aragon*	-0.1	(0.06)	1.0	(0.02)	-0.1	(0.06)	18.9	(1.5)
Asturias*	0.0	(0.05)	1.0	(0.02)	0.0	(0.07)	17.7	(1.4)
Balearic Islands*	-0.2	(0.04)	1.0	(0.02)	0.0	(0.06)	22.1	(1.4)
Basque Country*	0.0	(0.03)	0.9	(0.01)	-0.3	(0.04)	14.6	(0.7)
Cantabria*	-0.1	(0.04)	1.0	(0.02)	0.1	(0.05)	18.1	(1.2)
Castile and Leon*	-0.1	(0.05)	1.0	(0.02)	0.0	(0.06)	19.4	(1.5)
Catalonia*	-0.1	(0.08)	1.0	(0.02)	-0.1	(0.09)	21.3	(2.2)
Extremadura*	-0.5	(0.05)	1.1	(0.02)	0.3	(0.05)	35.7	(1.8)
Galicia*	-0.2	(0.05)	1.0	(0.02)	0.0	(0.11)	21.7	(1.6)
La Rioja*	-0.1	(0.02)	1.0	(0.02)	0.0	(0.05)	21.4	(1.1)
Madrid*	0.1	(0.07)	1.0	(0.02)	-0.2	(0.08)	14.3	(1.4)
Murcia*	-0.5	(0.05)	1.0	(0.03)	0.1	(0.06)	32.2	(1.8)
Navarre*	-0.1	(0.04)	1.0	(0.02)	0.0	(0.05)	18.5	(1.3)
United Kingdom								
England	0.3	(0.02)	0.8	(0.01)	-0.2	(0.04)	5.2	(0.4)
Northern Ireland	0.3	(0.02)	0.8	(0.01)	0.1	(0.05)	4.0	(0.5)
Scotland*	0.1	(0.02)	0.8	(0.01)	-0.1	(0.04)	9.7	(0.6)
Wales	0.2	(0.02)	0.8	(0.01)	0.0	(0.04)	5.6	(0.5)
United States								
Connecticut*	0.5	(0.06)	0.9	(0.02)	-0.4	(0.06)	6.3	(1.1)
Florida*	0.2	(0.06)	0.9	(0.02)	-0.3	(0.09)	9.4	(1.2)
Massachusetts*	0.4	(0.07)	0.9	(0.03)	-0.5	(0.08)	6.4	(1.1)
Partners								
Argentina								
Ciudad Autónoma de Buenos Aires*	-0.2	(0.09)	1.2	(0.03)	-0.5	(0.10)	26.4	(2.7)
Brazil								
Acre	-1.4	(0.10)	1.2	(0.04)	0.2	(0.10)	62.6	(3.4)
Alagoas	-1.7	(0.13)	1.2	(0.06)	0.5	(0.14)	71.5	(4.6)
Amapá	-0.9	(0.12)	1.0	(0.06)	-0.1	(0.11)	45.5	(4.5)
Amazonas	-1.1	(0.06)	1.1	(0.03)	0.1	(0.09)	52.3	(2.7)
Bahia	-1.5	(0.09)	1.3	(0.06)	0.3	(0.12)	66.3	(3.9)
Ceará	-1.5	(0.10)	1.3	(0.08)	0.4	(0.15)	69.0	(3.5)
Espírito Santo	-1.2	(0.10)	1.2	(0.09)	0.2	(0.09)	56.7	(2.2)
Federal District	-0.7	(0.10)	1.1	(0.07)	0.1	(0.08)	43.8	(3.0)
Goiás	-1.3	(0.09)	1.1	(0.04)	0.2	(0.07)	62.5	(3.7)
Maranhão	-1.4	(0.19)	1.2	(0.07)	0.1	(0.11)	63.4	(6.1)
Mato Grosso	-1.3	(0.08)	1.2	(0.07)	0.3	(0.12)	64.8	(2.6)
Mato Grosso do Sul	-1.0	(0.10)	1.2	(0.03)	0.1	(0.10)	51.3	(3.6)
Minas Gerais	-1.3	(0.08)	1.2	(0.06)	0.3	(0.14)	61.8	(3.1)
Pará	-1.2	(0.17)	1.1	(0.04)	0.1	(0.15)	57.4	(6.7)
Paraíba	-1.1	(0.09)	1.3	(0.07)	-0.1	(0.20)	53.4	(4.6)
Paraná	-1.1	(0.12)	1.2	(0.10)	0.2	(0.09)	56.9	(3.5)
Pernambuco	-1.6	(0.12)	1.1	(0.05)	0.2	(0.13)	70.4	(3.2)
Piauí	-1.3	(0.09)	1.3	(0.04)	0.2	(0.09)	61.5	(2.9)
Rio de Janeiro	-0.9	(0.07)	1.0	(0.06)	0.1	(0.07)	49.5	(2.0)
Rio Grande do Norte	-1.3	(0.13)	1.2	(0.08)	0.3	(0.12)	63.5	(4.4)
Rio Grande do Sul	-1.2	(0.08)	1.1	(0.03)	0.2	(0.10)	58.0	(3.3)
Rondônia	-1.4	(0.16)	1.2	(0.05)	0.2	(0.16)	62.9	(6.0)
Roraima	-1.0	(0.08)	1.2	(0.04)	0.0	(0.10)	52.5	(3.3)
Santa Catarina	-1.2	(0.12)	1.1	(0.05)	0.2	(0.09)	59.2	(4.4)
São Paulo	-0.9	(0.05)	1.1	(0.02)	0.1	(0.05)	51.1	(2.2)
Sergipe	-1.3	(0.10)	1.1	(0.02)	0.0	(0.11)	56.8	(3.9)
Tocantins	-1.3	(0.09)	1.2	(0.04)	0.1	(0.09)	60.3	(3.5)
Colombia								
Bogotá	-1.1	(0.05)	1.0	(0.02)	0.0	(0.07)	52.2	(2.3)
Cali	-0.8	(0.08)	1.0	(0.03)	-0.1	(0.08)	41.4	(3.3)
Manizales	-0.8	(0.07)	1.1	(0.03)	-0.3	(0.07)	37.8	(3.4)
Medellín	-0.9	(0.10)	1.2	(0.05)	0.0	(0.08)	46.5	(3.3)
Russian Federation								
Perm Territory region*	-0.1	(0.03)	0.8	(0.02)	-0.5	(0.06)	12.1	(1.2)
United Arab Emirates								
Abu Dhabi*	0.3	(0.03)	0.9	(0.02)	-0.7	(0.06)	8.7	(0.8)
Ajman	-0.1	(0.06)	0.9	(0.04)	-0.5	(0.09)	14.2	(2.0)
Dubai*	0.5	(0.01)	0.7	(0.01)	-0.7	(0.06)	3.6	(0.2)
Fujairah	0.0	(0.03)	0.9	(0.02)	-0.5	(0.08)	12.2	(1.2)
Ras al-Khaimah	0.1	(0.08)	0.9	(0.04)	-0.7	(0.13)	12.3	(2.3)
Sharjah	0.4	(0.04)	0.8	(0.04)	-1.1	(0.15)	4.3	(0.7)
Umm al-Quwain	-0.1	(0.04)	0.9	(0.03)	-0.5	(0.10)	15.5	(1.8)

* PISA adjudicated region.


Note: See Table II.2.13a for national data.

1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. Students with low ESCS are those with a value on the *PISA index of economic, social and cultural status* lower than -1.

3. Distribution of the school mean ESCS, percentiles calculated at the student level.

4. The *index of social inclusion* is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of socio-economic status, i.e. the between-school variation in the *PISA index of social, economic and cultural status* of students, divided by the sum of the between-school variation in students' socio-economic status and the within-school variation in students' socio-economic status.

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[Part 3/4]
Students' socio-economic status, by region
 Results based on students' self-reports

Table B2.II.7

	Variation in distribution of students across ESCS						Variation in distribution of schools across ESCS ³						Index of social inclusion ⁴	
	25th percentile of ESCS		75th percentile of ESCS		Interquartile range of distribution of students across ESCS		25th percentile of school mean ESCS		75th percentile of school mean ESCS		Interquartile range of distribution of schools across ESCS			
	Index	S.E.	Index	S.E.	Range	S.E.	Index	S.E.	Index	S.E.	Range	S.E.		
OECD														
Australia														
Australian Capital Territory	0.3	(0.04)	1.0	(0.03)	0.8	(0.04)	0.4	(0.00)	0.8	(0.01)	0.3	(0.01)	86.9	3.9
New South Wales	-0.3	(0.03)	0.9	(0.02)	1.2	(0.03)	-0.1	(0.02)	0.6	(0.03)	0.6	(0.04)	74.5	2.2
Northern Territory	-0.4	(0.12)	0.8	(0.08)	1.1	(0.12)	-0.1	(0.09)	0.4	(0.07)	0.5	(0.11)	81.3	6.8
Queensland	-0.4	(0.04)	0.8	(0.02)	1.2	(0.03)	-0.1	(0.04)	0.5	(0.08)	0.6	(0.08)	78.6	2.4
South Australia	-0.4	(0.04)	0.8	(0.03)	1.1	(0.04)	-0.1	(0.03)	0.5	(0.03)	0.6	(0.04)	78.0	3.5
Tasmania	-0.6	(0.03)	0.6	(0.04)	1.2	(0.04)	-0.3	(0.03)	0.3	(0.01)	0.7	(0.02)	76.8	4.1
Victoria	-0.2	(0.05)	0.9	(0.01)	1.1	(0.05)	0.1	(0.04)	0.6	(0.04)	0.5	(0.05)	80.2	2.4
Western Australia	-0.3	(0.04)	0.9	(0.03)	1.2	(0.04)	-0.1	(0.07)	0.6	(0.03)	0.7	(0.07)	74.9	2.5
Belgium														
Flemish Community*	-0.6	(0.02)	0.9	(0.03)	1.5	(0.03)	-0.2	(0.02)	0.5	(0.04)	0.7	(0.04)	73.8	2.9
French Community	-0.6	(0.04)	0.9	(0.03)	1.4	(0.04)	-0.3	(0.06)	0.5	(0.07)	0.8	(0.08)	70.1	2.8
German-speaking Community	-0.4	(0.03)	1.0	(0.03)	1.4	(0.04)	0.0	(0.00)	0.6	(0.00)	0.6	(0.00)	90.6	2.2
Canada														
Alberta	-0.1	(0.04)	1.2	(0.03)	1.2	(0.03)	0.3	(0.03)	0.7	(0.08)	0.4	(0.08)	88.6	2.2
British Columbia	-0.1	(0.06)	1.1	(0.03)	1.2	(0.05)	0.2	(0.05)	0.8	(0.03)	0.7	(0.06)	83.3	2.2
Manitoba	-0.4	(0.05)	1.0	(0.03)	1.4	(0.05)	0.1	(0.04)	0.5	(0.02)	0.4	(0.04)	80.5	3.6
New Brunswick	-0.3	(0.04)	1.0	(0.02)	1.3	(0.04)	0.1	(0.04)	0.6	(0.02)	0.5	(0.04)	88.4	2.2
Newfoundland and Labrador	-0.4	(0.05)	1.0	(0.05)	1.4	(0.06)	0.0	(0.14)	0.7	(0.01)	0.6	(0.14)	81.2	4.6
Nova Scotia	-0.3	(0.04)	0.9	(0.06)	1.2	(0.07)	0.1	(0.03)	0.5	(0.05)	0.4	(0.06)	90.8	2.4
Ontario	-0.2	(0.05)	1.1	(0.03)	1.3	(0.04)	0.2	(0.05)	0.7	(0.04)	0.5	(0.06)	82.5	2.4
Prince Edward Island	-0.2	(0.02)	1.0	(0.02)	1.2	(0.03)	0.1	(0.00)	0.5	(0.00)	0.4	(0.00)	95.0	1.6
Quebec	-0.3	(0.03)	1.0	(0.03)	1.3	(0.03)	0.1	(0.03)	0.6	(0.05)	0.6	(0.06)	79.3	2.4
Saskatchewan	-0.2	(0.03)	1.0	(0.03)	1.2	(0.03)	0.2	(0.02)	0.6	(0.02)	0.4	(0.03)	92.6	1.6
Italy														
Abruzzo	-0.6	(0.04)	0.7	(0.05)	1.3	(0.05)	-0.2	(0.03)	0.3	(0.15)	0.5	(0.15)	84.6	2.6
Basilicata	-0.9	(0.05)	0.4	(0.07)	1.3	(0.06)	-0.6	(0.08)	0.2	(0.04)	0.7	(0.08)	77.0	3.3
Bolzano	-1.7	(0.03)	0.5	(0.02)	1.2	(0.03)	-0.3	(0.01)	0.2	(0.00)	0.5	(0.01)	81.3	2.7
Calabria	-1.0	(0.06)	0.5	(0.06)	1.5	(0.05)	-0.7	(0.09)	0.2	(0.07)	0.9	(0.11)	78.6	2.5
Campania	-1.0	(0.06)	0.5	(0.12)	1.5	(0.09)	-0.6	(0.08)	0.3	(0.11)	0.9	(0.12)	71.9	4.0
Emilia Romagna	-0.7	(0.06)	0.7	(0.06)	1.3	(0.06)	-0.4	(0.05)	0.4	(0.11)	0.8	(0.13)	75.2	3.6
Friuli Venezia Giulia	-0.6	(0.06)	0.7	(0.05)	1.2	(0.04)	-0.2	(0.09)	0.4	(0.06)	0.5	(0.12)	79.0	4.0
Lazio	-0.5	(0.06)	0.8	(0.07)	1.3	(0.05)	-0.2	(0.15)	0.5	(0.07)	0.7	(0.16)	81.5	2.9
Liguria	-0.6	(0.04)	0.7	(0.08)	1.3	(0.06)	-0.3	(0.08)	0.4	(0.08)	0.7	(0.11)	80.6	3.0
Lombardia	-0.7	(0.07)	0.8	(0.08)	1.4	(0.06)	-0.3	(0.12)	0.4	(0.07)	0.7	(0.14)	73.9	4.1
Marche	-0.7	(0.06)	0.6	(0.06)	1.3	(0.05)	-0.3	(0.08)	0.3	(0.07)	0.6	(0.09)	85.0	2.1
Molise	-0.8	(0.03)	0.5	(0.06)	1.3	(0.06)	-0.5	(0.02)	0.3	(0.02)	0.8	(0.02)	79.7	3.4
Piemonte	-0.7	(0.03)	0.6	(0.06)	1.3	(0.04)	-0.4	(0.14)	0.2	(0.08)	0.7	(0.16)	80.3	3.4
Puglia	-1.1	(0.05)	0.4	(0.07)	1.5	(0.06)	-0.8	(0.04)	0.1	(0.08)	0.9	(0.08)	75.8	3.2
Sardegna	-0.9	(0.05)	0.6	(0.11)	1.5	(0.11)	-0.4	(0.07)	0.1	(0.10)	0.6	(0.11)	80.1	3.5
Sicilia	-0.9	(0.06)	0.7	(0.09)	1.6	(0.08)	-0.5	(0.11)	0.3	(0.07)	0.8	(0.14)	81.6	3.3
Toscana	-0.7	(0.05)	0.7	(0.12)	1.4	(0.08)	-0.5	(0.06)	0.4	(0.08)	0.8	(0.09)	71.4	4.2
Trento	-0.6	(0.03)	0.6	(0.03)	1.2	(0.04)	-0.2	(0.13)	0.3	(0.07)	0.5	(0.14)	80.6	3.1
Umbria	-0.5	(0.04)	0.8	(0.05)	1.3	(0.05)	-0.2	(0.02)	0.4	(0.02)	0.6	(0.02)	80.7	3.8
Valle d'Aosta	-0.9	(0.06)	0.5	(0.06)	1.4	(0.08)	-0.5	(0.00)	0.1	(0.00)	0.6	(0.00)	81.2	6.4
Veneto	-0.7	(0.04)	0.6	(0.07)	1.3	(0.05)	-0.4	(0.05)	0.2	(0.14)	0.7	(0.14)	78.0	4.3
Mexico														
Aguascalientes	-1.7	(0.08)	0.2	(0.16)	1.8	(0.13)	-1.3	(0.11)	-0.3	(0.07)	1.0	(0.11)	66.6	5.4
Baja California	-1.5	(0.08)	0.1	(0.12)	1.5	(0.10)	-1.1	(0.14)	-0.5	(0.17)	0.6	(0.24)	76.3	5.1
Baja California Sur	-1.6	(0.08)	0.0	(0.08)	1.6	(0.06)	-1.3	(0.18)	-0.3	(0.06)	1.1	(0.19)	72.6	4.2
Campeche	-2.3	(0.12)	-0.3	(0.13)	2.0	(0.13)	-1.8	(0.35)	-1.0	(0.02)	0.8	(0.35)	63.2	6.2
Chiapas	-2.7	(0.06)	-0.9	(0.20)	1.8	(0.16)	-2.2	(0.06)	-1.4	(0.28)	0.9	(0.26)	63.4	7.1
Chihuahua	-1.6	(0.13)	0.0	(0.15)	1.6	(0.10)	-1.3	(0.20)	-0.4	(0.35)	0.9	(0.36)	72.5	4.2
Coahuila	-1.6	(0.11)	0.0	(0.21)	1.6	(0.14)	-1.3	(0.09)	-0.3	(0.12)	1.0	(0.11)	61.9	5.3
Colima	-1.7	(0.08)	0.2	(0.18)	1.9	(0.14)	-1.3	(0.13)	-0.1	(0.14)	1.1	(0.19)	65.6	5.5
Distrito Federal	-1.5	(0.13)	0.4	(0.25)	1.9	(0.17)	-1.0	(0.22)	-0.1	(0.42)	0.9	(0.30)	59.1	6.5
Durango	-1.9	(0.10)	-0.1	(0.27)	1.9	(0.19)	-1.5	(0.20)	-0.4	(0.35)	1.1	(0.29)	66.9	5.0
Guanajuato	-2.2	(0.08)	-0.5	(0.15)	1.7	(0.11)	-1.9	(0.03)	-0.7	(0.16)	1.2	(0.15)	50.5	6.0
Guerrero	-2.6	(0.11)	-0.9	(0.16)	1.6	(0.15)	-2.1	(0.17)	-1.3	(0.17)	0.8	(0.23)	71.1	5.7
Hidalgo	-2.4	(0.09)	-0.6	(0.14)	1.7	(0.11)	-1.8	(0.13)	-1.0	(0.12)	0.7	(0.12)	59.4	8.0
Jalisco	-2.0	(0.09)	-0.2	(0.20)	1.8	(0.16)	-1.6	(0.13)	-0.6	(0.18)	1.0	(0.20)	68.1	6.2
Mexico	-1.9	(0.10)	-0.3	(0.10)	1.6	(0.09)	-1.5	(0.15)	-0.8	(0.13)	0.7	(0.22)	74.7	6.4
Morelos	-1.9	(0.10)	0.3	(0.23)	2.2	(0.17)	-1.5	(0.13)	-0.2	(0.27)	1.3	(0.26)	57.0	5.8
Nayarit	-2.0	(0.16)	-0.1	(0.18)	1.9	(0.13)	-1.4	(0.23)	-0.6	(0.12)	0.9	(0.23)	68.9	5.7
Nuevo León	-1.3	(0.10)	0.5	(0.25)	1.8	(0.18)	-1.0	(0.25)	0.0	(0.23)	1.0	(0.27)	54.2	6.7
Puebla	-2.5	(0.09)	-0.7	(0.18)	1.8	(0.15)	-2.2	(0.13)	-0.9	(0.21)	1.4	(0.25)	53.2	5.3
Querétaro	-1.9	(0.17)	0.1	(0.29)	2.0	(0.17)	-1.7	(0.39)	-0.3	(0.13)	1.4	(0.38)	46.9	5.5
Quintana Roo	-1.9	(0.10)	-0.1	(0.10)	1.7	(0.09)	-1.5	(0.21)	-0.5	(0.06)	1.0	(0.18)	67.6	4.7
San Luis Potosí	-2.3	(0.19)	-0.3	(0.26)	2.1	(0.24)	-2.0	(0.45)	-0.7	(0.33)	1.3	(0.53)	46.1	6.3
Sinaloa	-1.8	(0.08)	-0.1	(0.11)	1.7	(0.08)	-1.3	(0.03)	-0.6	(0.11)	0.7	(0.10)	76.0	4.5
Tabasco	-2.1	(0.09)	-0.3	(0.14)	1.8	(0.11)	-1.6	(0.13)	-0.8	(0.08)	0.7	(0.15)	65.8	7.7
Tamaulipas	-1.7	(0.06)	-0.1	(0.13)	1.6	(0.10)	-1.3	(0.16)	-0.6	(0.09)	0.7	(0.18)	74.6	6.3
Tlaxcala	-2.0	(0.06)	-0.4	(0.14)	1.6	(0.12)	-1.6	(0.09)	-0.9	(0.27)	0.7	(0.27)	67.1	5.9
Veracruz	-2.6	(0.10)	-0.5	(0.22)	2.1	(0.20)	-2.3	(0.24)	-0.8	(0.17)	1.4	(0.30)	48.9	6.1
Yucatán	-2.2	(0.12)	-0.2	(0.23)	2.0	(0.17)	-1.9	(0.24)	-0.7	(0.37)	1.2	(0.35)	49.5	5.7
Zacatecas	-2.1	(0.06)	-0.4	(0.15)	1.7	(0.13)	-1.7	(0.12)	-0.8	(0.06)	0.9	(0.15)	70.5	6.3

* PISA adjudicated region.

Note: See Table II.2.13a for national data.

1. ESCS refers to the PISA index of economic, social and cultural status.

2. Students with low ESCS are those with a value on the PISA index of economic, social and cultural status lower than -1.

3. Distribution of the school mean ESCS, percentiles calculated at the student level.

4. The index of social inclusion is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of socio-economic status, i.e. the between-school variation in the PISA index of social, economic and cultural status of students, divided by the sum of the between-school variation in students' socio-economic status and the within-school variation in students' socio-economic status.StatLink <http://dx.doi.org/10.1787/888932964965>

[Part 4/4]
Students' socio-economic status, by region

Table B2.II.7 Results based on students' self-reports

	Variation in distribution of students across ESCS						Variation in distribution of schools across ESCS ³						Index of social inclusion ⁴	
	25th percentile of ESCS		75th percentile of ESCS		Interquartile range of distribution of students across ESCS		25th percentile of school mean ESCS		75th percentile of school mean ESCS		Interquartile range of distribution of schools across ESCS			
	Index	S.E.	Index	S.E.	Range	S.E.	Index	S.E.	Index	S.E.	Range	S.E.	Index	S.E.
OECD														
Portugal														
Alentejo	-1.2	(0.12)	0.5	(0.29)	1.7	(0.19)	-0.9	(0.26)	0.1	(0.26)	1.0	(0.31)	77.2	5.6
Spain														
Andalusia*	-1.2	(0.07)	0.5	(0.14)	1.7	(0.10)	-0.8	(0.06)	-0.1	(0.14)	0.7	(0.14)	76.5	3.9
Aragon*	-0.8	(0.06)	0.8	(0.10)	1.6	(0.09)	-0.5	(0.06)	0.3	(0.16)	0.8	(0.16)	75.1	3.7
Asturias*	-0.8	(0.04)	0.8	(0.09)	1.6	(0.07)	-0.4	(0.08)	0.3	(0.18)	0.7	(0.18)	77.1	3.9
Balearic Islands*	-0.9	(0.04)	0.7	(0.07)	1.5	(0.05)	-0.5	(0.10)	0.1	(0.06)	0.5	(0.12)	83.0	3.8
Basque Country*	-0.7	(0.03)	0.8	(0.03)	1.5	(0.02)	-0.2	(0.03)	0.3	(0.10)	0.5	(0.10)	77.6	2.2
Cantabria*	-0.8	(0.03)	0.7	(0.07)	1.5	(0.06)	-0.3	(0.04)	0.1	(0.13)	0.4	(0.13)	85.4	3.6
Castile and Leon*	-0.8	(0.05)	0.7	(0.07)	1.5	(0.05)	-0.4	(0.04)	0.3	(0.06)	0.7	(0.07)	82.4	3.1
Catalonia*	-0.9	(0.09)	0.7	(0.13)	1.6	(0.08)	-0.5	(0.13)	0.3	(0.20)	0.8	(0.21)	74.3	3.3
Extremadura*	-1.3	(0.03)	0.3	(0.10)	1.6	(0.09)	-0.9	(0.04)	-0.2	(0.09)	0.7	(0.09)	79.0	3.8
Galicia*	-0.9	(0.05)	0.6	(0.08)	1.5	(0.06)	-0.6	(0.05)	0.2	(0.16)	0.8	(0.17)	77.9	2.9
La Rioja*	-0.9	(0.04)	0.7	(0.05)	1.6	(0.06)	-0.5	(0.00)	0.1	(0.00)	0.6	(0.00)	85.8	2.8
Madrid*	-0.7	(0.07)	1.0	(0.09)	1.6	(0.06)	-0.3	(0.08)	0.6	(0.14)	0.9	(0.12)	68.8	3.7
Murcia*	-1.3	(0.06)	0.2	(0.07)	1.5	(0.06)	-0.8	(0.06)	-0.2	(0.06)	0.6	(0.08)	85.7	2.9
Navarre*	-0.8	(0.03)	0.7	(0.07)	1.5	(0.06)	-0.5	(0.06)	0.2	(0.07)	0.6	(0.08)	77.0	4.7
United Kingdom														
England	-0.3	(0.03)	0.9	(0.02)	1.2	(0.02)	0.0	(0.05)	0.5	(0.02)	0.5	(0.05)	78.7	2.4
Northern Ireland	-0.4	(0.03)	1.0	(0.03)	1.4	(0.03)	-0.1	(0.03)	0.7	(0.03)	0.7	(0.04)	75.9	2.5
Scotland*	-0.5	(0.02)	0.8	(0.03)	1.3	(0.02)	-0.1	(0.05)	0.3	(0.04)	0.4	(0.06)	85.0	2.3
Wales	-0.4	(0.02)	0.8	(0.02)	1.2	(0.02)	0.0	(0.04)	0.4	(0.06)	0.4	(0.07)	88.5	1.6
United States														
Connecticut*	-0.2	(0.08)	1.2	(0.05)	1.3	(0.05)	0.2	(0.11)	0.9	(0.07)	0.7	(0.12)	72.4	3.7
Florida*	-0.4	(0.09)	0.9	(0.06)	1.3	(0.05)	-0.1	(0.12)	0.5	(0.09)	0.6	(0.10)	84.2	2.6
Massachusetts*	-0.2	(0.09)	1.1	(0.05)	1.3	(0.06)	0.1	(0.18)	0.8	(0.09)	0.7	(0.19)	68.9	4.0
Partners														
Argentina														
Ciudad Autónoma de Buenos Aires*	-1.1	(0.12)	0.8	(0.09)	1.9	(0.08)	-1.0	(0.13)	0.5	(0.07)	1.6	(0.12)	49.3	3.2
Brazil														
Acre	-2.4	(0.13)	-0.4	(0.15)	1.9	(0.12)	-1.8	(0.12)	-1.2	(0.27)	0.6	(0.21)	75.7	7.8
Alagoas	-2.7	(0.09)	-0.8	(0.30)	1.9	(0.27)	-2.2	(0.09)	-1.6	(0.56)	0.6	(0.58)	66.8	7.5
Amapá	-1.7	(0.11)	-0.2	(0.15)	1.5	(0.10)	-1.3	(0.02)	-0.7	(0.09)	0.6	(0.09)	77.6	8.8
Amazonas	-1.7	(0.09)	-0.4	(0.09)	1.3	(0.11)	-1.3	(0.13)	-0.9	(0.23)	0.4	(0.25)	84.7	7.9
Bahia	-2.6	(0.09)	-0.5	(0.22)	2.1	(0.22)	-2.2	(0.22)	-1.3	(0.33)	0.8	(0.39)	54.6	11.4
Ceará	-2.5	(0.13)	-0.7	(0.17)	1.9	(0.16)	-2.1	(0.10)	-1.2	(0.17)	0.9	(0.17)	59.3	9.8
Espírito Santo	-2.2	(0.13)	-0.2	(0.20)	2.0	(0.22)	-1.7	(0.10)	-1.1	(0.61)	0.6	(0.64)	53.7	9.9
Federal District	-1.5	(0.05)	0.3	(0.23)	1.8	(0.21)	-1.3	(0.09)	-0.1	(0.11)	1.2	(0.12)	56.8	7.8
Goias	-2.0	(0.09)	-0.5	(0.15)	1.5	(0.13)	-1.7	(0.19)	-1.1	(0.21)	0.5	(0.21)	69.1	7.9
Maranhão	-2.4	(0.18)	-0.5	(0.27)	1.9	(0.18)	-1.9	(0.26)	-1.1	(0.17)	0.8	(0.31)	69.2	9.5
Mato Grosso	-2.2	(0.10)	-0.6	(0.12)	1.6	(0.12)	-1.7	(0.08)	-1.2	(0.14)	0.5	(0.16)	70.9	12.3
Mato Grosso do Sul	-1.9	(0.09)	0.2	(0.15)	2.1	(0.11)	-1.6	(0.15)	-0.7	(0.61)	0.9	(0.53)	62.7	6.1
Minas Gerais	-2.3	(0.13)	-0.4	(0.09)	1.9	(0.12)	-1.7	(0.21)	-1.0	(0.24)	0.7	(0.33)	65.9	8.6
Pará	-2.1	(0.15)	-0.4	(0.31)	1.7	(0.19)	-1.6	(0.09)	-1.0	(1.15)	0.6	(1.11)	74.6	8.0
Paraíba	-2.2	(0.20)	-0.1	(0.07)	2.0	(0.20)	-1.8	(0.14)	-0.3	(0.03)	1.6	(0.15)	50.6	5.2
Paraná	-1.9	(0.13)	-0.3	(0.19)	1.6	(0.21)	-1.6	(0.18)	-1.0	(0.37)	0.6	(0.44)	62.4	12.7
Pernambuco	-2.4	(0.23)	-0.9	(0.06)	1.5	(0.20)	-2.1	(0.20)	-1.2	(0.16)	0.9	(0.17)	73.1	6.6
Piauí	-2.3	(0.16)	-0.3	(0.20)	2.0	(0.17)	-1.8	(0.07)	-1.2	(0.59)	0.6	(0.61)	51.1	9.2
Rio de Janeiro	-1.6	(0.04)	-0.3	(0.18)	1.3	(0.18)	-1.2	(0.09)	-0.8	(0.15)	0.4	(0.19)	76.2	9.5
Rio Grande do Norte	-2.2	(0.18)	-0.4	(0.22)	1.8	(0.19)	-1.8	(0.30)	-1.0	(0.24)	0.8	(0.36)	50.6	9.2
Rio Grande do Sul	-2.0	(0.09)	-0.4	(0.09)	1.6	(0.09)	-1.6	(0.06)	-0.8	(0.13)	0.8	(0.13)	72.7	6.3
Rondônia	-2.4	(0.16)	-0.6	(0.24)	1.8	(0.19)	-1.9	(0.04)	-1.1	(0.27)	0.8	(0.26)	72.0	7.4
Roraima	-1.9	(0.08)	-0.1	(0.22)	1.8	(0.19)	-1.5	(0.14)	-1.0	(0.08)	0.5	(0.14)	68.4	9.0
Santa Catarina	-2.1	(0.10)	-0.4	(0.23)	1.7	(0.17)	-1.6	(0.12)	-1.0	(0.14)	0.7	(0.14)	72.0	7.5
São Paulo	-1.7	(0.07)	-0.2	(0.07)	1.6	(0.06)	-1.4	(0.04)	-0.6	(0.11)	0.8	(0.11)	64.9	4.7
Sergipe	-2.2	(0.17)	-0.5	(0.08)	1.7	(0.13)	-1.7	(0.16)	-0.7	(0.55)	1.0	(0.54)	68.9	5.5
Tocantins	-2.3	(0.15)	-0.4	(0.14)	1.9	(0.14)	-1.8	(0.15)	-0.9	(0.41)	0.9	(0.42)	74.9	5.5
Colombia														
Bogotá	-1.8	(0.04)	-0.4	(0.06)	1.4	(0.05)	-1.3	(0.18)	-0.8	(0.05)	0.5	(0.17)	84.9	4.5
Cali	-1.5	(0.08)	-0.2	(0.10)	1.3	(0.08)	-1.3	(0.06)	-0.5	(0.12)	0.8	(0.12)	63.6	5.1
Manizales	-1.5	(0.14)	0.0	(0.08)	1.6	(0.10)	-1.2	(0.15)	-0.2	(0.37)	1.0	(0.38)	58.5	4.9
Medellín	-1.7	(0.11)	-0.2	(0.17)	1.6	(0.15)	-1.5	(0.06)	-0.7	(0.21)	0.8	(0.19)	56.0	5.9
Russian Federation														
Perm Territory region*	-0.7	(0.03)	0.5	(0.04)	1.1	(0.03)	-0.3	(0.05)	0.1	(0.05)	0.4	(0.07)	80.7	3.5
United Arab Emirates														
Abu Dhabi*	-0.2	(0.04)	0.9	(0.03)	1.1	(0.04)	0.0	(0.04)	0.7	(0.04)	0.7	(0.05)	74.6	3.0
Ajman	-0.5	(0.09)	0.5	(0.05)	1.0	(0.07)	-0.3	(0.24)	0.3	(0.18)	0.6	(0.29)	86.8	3.5
Dubai*	0.1	(0.02)	1.0	(0.01)	0.8	(0.02)	0.3	(0.00)	0.8	(0.00)	0.6	(0.01)	71.1	2.5
Fujairah	-0.5	(0.05)	0.6	(0.06)	1.1	(0.06)	-0.3	(0.00)	0.3	(0.09)	0.6	(0.08)	86.3	4.0
Ras al-Khaimah	-0.4	(0.10)	0.7	(0.05)	1.1	(0.08)	-0.2	(0.15)	0.4	(0.16)	0.7	(0.20)	80.4	4.8
Sharjah	0.1	(0.05)	0.9	(0.03)	0.9	(0.05)	0.2	(0.05)	0.7	(0.07)	0.5	(0.07)	83.2	4.4
Umm al-Quwain	-0.6	(0.08)	0.5	(0.05)	1.1	(0.09)	-0.2	(0.00)	0.0	(0.00)	0.2	(0.00)	95.5	4.0


* PISA adjudicated region.

Note: See Table II.2.13a for national data.

1. ESCS refers to the PISA index of economic, social and cultural status.

2. Students with low ESCS are those with a value on the PISA index of economic, social and cultural status lower than -1.

3. Distribution of the school mean ESCS, percentiles calculated at the student level.

4. The index of social inclusion is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of socio-economic status, i.e. the between-school variation in the PISA index of social, economic and cultural status of students, divided by the sum of the between-school variation in students' socio-economic status and the within-school variation in students' socio-economic status.StatLink  <http://dx.doi.org/10.1787/888932964965>



[Part 1/4]
Mathematics performance and immigrant background, by region

Table B2.II.9 Results based on students' self-reports

	Percentage of students				ESCS ¹				Mathematics performance			
	Non-immigrant		Immigrant		Non-immigrant		Immigrant		Non-immigrant		Immigrant	
	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.
OECD												
Australia												
Australian Capital Territory	83.8	(1.5)	16.2	(1.5)	0.61	(0.02)	0.68	(0.04)	521	(3.7)	542	(10.5)
New South Wales	73.3	(1.8)	26.7	(1.8)	0.29	(0.02)	0.19	(0.04)	504	(3.1)	547	(8.5)
Northern Territory	85.2	(1.6)	14.8	(1.6)	0.12	(0.05)	0.26	(0.15)	454	(9.7)	472	(19.5)
Queensland	80.7	(1.0)	19.3	(1.0)	0.21	(0.03)	0.12	(0.05)	505	(3.2)	511	(5.9)
South Australia	85.3	(1.3)	14.7	(1.3)	0.21	(0.02)	0.17	(0.11)	492	(3.6)	500	(7.6)
Tasmania	93.5	(0.9)	6.5	(0.9)	0.00	(0.03)	0.35	(0.11)	480	(3.7)	515	(13.4)
Victoria	78.0	(1.6)	22.0	(1.6)	0.36	(0.03)	0.21	(0.05)	500	(3.0)	521	(8.9)
Western Australia	70.5	(1.8)	29.5	(1.8)	0.23	(0.03)	0.30	(0.05)	517	(3.7)	524	(5.2)
Belgium												
Flemish Community*	89.5	(0.9)	10.5	(0.9)	0.24	(0.02)	-0.49	(0.09)	544	(3.2)	447	(7.8)
French Community	78.9	(1.9)	21.1	(1.9)	0.22	(0.03)	-0.18	(0.08)	508	(3.1)	459	(7.3)
German-speaking Community	77.0	(1.4)	23.0	(1.4)	0.24	(0.04)	0.43	(0.06)	520	(2.7)	490	(6.0)
Canada												
Alberta	74.9	(1.9)	25.1	(1.9)	0.55	(0.03)	0.41	(0.05)	521	(4.7)	526	(7.3)
British Columbia	64.1	(2.9)	35.9	(2.9)	0.48	(0.04)	0.43	(0.06)	521	(4.4)	534	(6.9)
Manitoba	76.8	(1.6)	23.2	(1.6)	0.34	(0.04)	0.00	(0.06)	500	(3.4)	488	(6.8)
New Brunswick	94.2	(1.1)	5.8	(1.1)	0.35	(0.03)	0.68	(0.07)	503	(2.6)	517	(14.5)
Newfoundland and Labrador	97.7	(0.8)	2.3	(0.8)	0.26	(0.04)	c	c	493	(3.7)	c	c
Nova Scotia	95.9	(0.8)	4.1	(0.8)	0.29	(0.03)	0.77	(0.12)	499	(4.4)	531	(13.1)
Ontario	56.5	(3.0)	43.5	(3.0)	0.55	(0.04)	0.30	(0.06)	515	(4.2)	519	(6.5)
Prince Edward Island	95.7	(0.7)	4.3	(0.7)	0.33	(0.02)	0.35	(0.11)	479	(2.6)	532	(12.6)
Quebec	84.8	(1.7)	15.2	(1.7)	0.36	(0.03)	0.23	(0.07)	544	(3.1)	510	(7.4)
Saskatchewan	92.5	(0.7)	7.5	(0.7)	0.42	(0.02)	0.24	(0.09)	512	(3.0)	492	(8.2)
Italy												
Abruzzo	94.2	(0.9)	5.8	(0.9)	0.07	(0.04)	-0.56	(0.09)	480	(6.4)	432	(7.9)
Basilicata	98.7	(0.3)	1.3	(0.3)	-0.21	(0.03)	c	c	467	(4.2)	c	c
Bolzano	94.2	(0.5)	5.8	(0.5)	-0.05	(0.02)	-0.26	(0.08)	512	(2.1)	447	(10.4)
Calabria	96.4	(0.6)	3.6	(0.6)	-0.21	(0.05)	-0.50	(0.14)	434	(5.6)	378	(16.2)
Campania	98.4	(0.4)	1.6	(0.4)	-0.18	(0.06)	c	c	454	(7.9)	c	c
Emilia Romagna	84.8	(1.3)	15.2	(1.3)	0.10	(0.04)	-0.65	(0.07)	516	(6.2)	423	(9.7)
Friuli Venezia Giulia	90.3	(1.1)	9.7	(1.1)	0.11	(0.04)	-0.51	(0.15)	530	(4.4)	471	(10.6)
Lazio	90.3	(1.2)	9.7	(1.2)	0.22	(0.05)	-0.38	(0.14)	479	(6.8)	444	(10.7)
Liguria	89.3	(1.1)	10.7	(1.1)	0.09	(0.04)	-0.53	(0.08)	497	(6.2)	419	(7.9)
Lombardia	90.6	(1.5)	9.4	(1.5)	0.11	(0.05)	-0.49	(0.07)	524	(7.3)	463	(10.6)
Marche	89.3	(1.4)	10.7	(1.4)	0.02	(0.05)	-0.50	(0.08)	502	(5.8)	456	(10.5)
Molise	97.1	(0.6)	2.9	(0.6)	-0.10	(0.03)	c	c	469	(2.3)	c	c
Piemonte	91.6	(0.8)	8.4	(0.8)	-0.02	(0.04)	-0.59	(0.09)	503	(7.1)	459	(7.9)
Puglia	97.4	(0.4)	2.6	(0.4)	-0.30	(0.04)	-0.47	(0.15)	481	(6.0)	435	(14.0)
Sardegna	96.9	(0.8)	3.1	(0.8)	-0.13	(0.05)	-0.48	(0.19)	461	(5.1)	390	(21.7)
Sicilia	97.3	(0.6)	2.7	(0.6)	-0.08	(0.05)	c	c	451	(4.7)	c	c
Toscana	88.9	(1.0)	11.1	(1.0)	0.08	(0.06)	-0.65	(0.12)	505	(5.0)	438	(7.4)
Trento	90.9	(1.0)	9.1	(1.0)	0.06	(0.03)	-0.50	(0.07)	529	(4.1)	474	(9.2)
Umbria	88.4	(1.1)	11.6	(1.1)	0.18	(0.04)	-0.39	(0.08)	501	(5.9)	447	(11.0)
Valle d'Aosta	93.6	(0.9)	6.4	(0.9)	-0.16	(0.03)	-0.68	(0.15)	496	(2.5)	465	(11.9)
Veneto	88.3	(1.5)	11.7	(1.5)	0.01	(0.04)	-0.63	(0.06)	534	(7.5)	456	(11.5)
Mexico												
Aguascalientes	99.1	(0.3)	0.9	(0.3)	-0.75	(0.08)	c	c	439	(4.5)	c	c
Baja California	97.5	(0.5)	2.5	(0.5)	-0.71	(0.08)	c	c	417	(6.0)	c	c
Baja California Sur	98.8	(0.3)	1.2	(0.3)	-0.76	(0.09)	c	c	416	(5.2)	c	c
Campeche	94.6	(2.1)	5.4	(2.1)	-1.23	(0.09)	-2.22	(0.20)	401	(3.6)	330	(12.5)
Chiapas	97.4	(0.7)	2.6	(0.7)	-1.75	(0.14)	c	c	378	(6.4)	c	c
Chihuahua	99.2	(0.4)	0.8	(0.4)	-0.80	(0.10)	c	c	430	(7.8)	c	c
Coahuila	99.3	(0.3)	0.7	(0.3)	-0.81	(0.12)	c	c	420	(8.1)	c	c
Colima	99.2	(0.2)	0.8	(0.2)	-0.75	(0.10)	c	c	431	(4.4)	c	c
Distrito Federal	97.9	(0.8)	2.1	(0.8)	-0.56	(0.11)	c	c	429	(4.8)	c	c
Durango	99.2	(0.4)	0.8	(0.4)	-0.98	(0.13)	c	c	427	(5.7)	c	c
Guanajuato	99.2	(0.2)	0.8	(0.2)	-1.26	(0.12)	c	c	414	(5.1)	c	c
Guerrero	97.5	(0.6)	2.5	(0.6)	-1.65	(0.09)	c	c	370	(3.2)	c	c
Hidalgo	98.8	(0.5)	1.2	(0.5)	-1.45	(0.10)	c	c	409	(5.5)	c	c
Jalisco	99.5	(0.2)	0.5	(0.2)	-1.07	(0.12)	c	c	436	(5.9)	c	c
Mexico	98.9	(0.4)	1.1	(0.4)	-1.06	(0.08)	c	c	419	(5.7)	c	c
Morelos	99.3	(0.3)	0.7	(0.3)	-0.86	(0.14)	c	c	423	(8.5)	c	c
Nayarit	98.9	(0.5)	1.1	(0.5)	-1.00	(0.10)	c	c	416	(5.5)	c	c
Nuevo León	98.9	(0.5)	1.1	(0.5)	-0.43	(0.15)	c	c	437	(8.3)	c	c
Puebla	98.7	(0.6)	1.3	(0.6)	-1.51	(0.11)	c	c	418	(4.4)	c	c
Querétaro	99.6	(0.2)	0.4	(0.2)	-0.91	(0.18)	c	c	436	(6.1)	c	c
Quintana Roo	97.2	(0.6)	2.8	(0.6)	-0.97	(0.09)	c	c	414	(4.8)	c	c
San Luis Potosí	99.3	(0.5)	0.7	(0.5)	-1.24	(0.17)	c	c	415	(6.9)	c	c
Sinaloa	99.2	(0.3)	0.8	(0.3)	-0.95	(0.07)	c	c	413	(4.2)	c	c
Tabasco	97.6	(0.7)	2.4	(0.7)	-1.15	(0.09)	c	c	383	(3.4)	c	c
Tamaulipas	98.0	(0.4)	2.0	(0.4)	-0.88	(0.09)	c	c	414	(7.3)	c	c
Tlaxcala	99.0	(0.3)	1.0	(0.3)	-1.13	(0.08)	c	c	414	(4.9)	c	c
Veracruz	99.0	(0.6)	1.0	(0.6)	-1.45	(0.11)	c	c	405	(6.1)	c	c
Yucatán	97.7	(0.6)	2.3	(0.6)	-1.15	(0.15)	c	c	414	(4.3)	c	c
Zacatecas	98.7	(0.3)	1.3	(0.3)	-1.16	(0.08)	c	c	413	(4.0)	c	c


* PISA adjudicated region.

Notes: This table was calculated considering only students with data on the *PISA index of economic, social and cultural status*. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are students whose parents were born in a country other than the country of assessment.

See Table II.3.4a for national data.

1. ESCS refers to the *PISA index of economic, social and cultural status*.

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[Part 2/4]

Mathematics performance and immigrant background, by region

Table B2.II.9 Results based on students' self-reports

	Percentage of students				ESCS ¹				Mathematics performance			
	Non-immigrant		Immigrant		Non-immigrant		Immigrant		Non-immigrant		Immigrant	
	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.
OECD												
Portugal												
Alentejo	94.8	(1.1)	5.2	(1.1)	-0.34	(0.14)	-0.66	(0.17)	490	(10.3)	487	(17.8)
Spain												
Andalusia*	96.6	(0.6)	3.4	(0.6)	-0.35	(0.07)	-0.49	(0.13)	475	(3.8)	435	(14.7)
Aragon*	86.8	(1.2)	13.2	(1.2)	0.05	(0.06)	-0.74	(0.08)	510	(5.3)	426	(9.4)
Asturias*	93.7	(0.8)	6.3	(0.8)	0.02	(0.05)	-0.68	(0.10)	505	(4.2)	431	(9.6)
Balearic Islands*	81.0	(1.9)	19.0	(1.9)	-0.05	(0.04)	-0.57	(0.07)	489	(4.6)	428	(6.6)
Basque Country*	91.3	(0.8)	8.7	(0.8)	0.11	(0.03)	-0.71	(0.05)	516	(2.3)	430	(5.7)
Cantabria*	90.7	(1.3)	9.3	(1.3)	-0.01	(0.05)	-0.59	(0.06)	497	(3.6)	448	(6.1)
Castile and Leon*	93.1	(1.1)	6.9	(1.1)	-0.04	(0.05)	-0.91	(0.09)	514	(4.1)	447	(10.0)
Catalonia*	86.2	(1.8)	13.8	(1.8)	-0.04	(0.08)	-0.64	(0.11)	505	(4.3)	434	(9.8)
Extremadura*	96.6	(0.6)	3.4	(0.6)	-0.45	(0.05)	-0.66	(0.16)	464	(4.8)	421	(14.7)
Galicia*	94.5	(0.7)	5.5	(0.7)	-0.16	(0.05)	-0.39	(0.08)	493	(4.0)	441	(10.3)
La Rioja*	82.0	(1.1)	18.0	(1.1)	0.01	(0.03)	-0.83	(0.06)	520	(2.4)	435	(6.7)
Madrid*	83.9	(2.0)	16.1	(2.0)	0.25	(0.07)	-0.59	(0.07)	515	(3.7)	455	(9.8)
Murcia*	84.6	(1.4)	15.4	(1.4)	-0.38	(0.05)	-1.05	(0.07)	473	(5.0)	413	(6.7)
Navarre*	84.6	(1.2)	15.4	(1.2)	0.03	(0.05)	-0.83	(0.06)	529	(3.2)	457	(4.8)
United Kingdom												
England	86.0	(1.3)	14.0	(1.3)	0.30	(0.02)	0.20	(0.06)	501	(3.3)	488	(8.9)
Northern Ireland	96.1	(0.5)	3.9	(0.5)	0.30	(0.02)	0.09	(0.12)	491	(3.0)	482	(11.6)
Scotland*	91.6	(0.8)	8.4	(0.8)	0.13	(0.02)	0.23	(0.07)	498	(2.5)	524	(7.4)
Wales	96.0	(0.7)	4.0	(0.7)	0.20	(0.02)	-0.05	(0.07)	472	(2.2)	461	(8.5)
United States												
Connecticut*	83.7	(1.7)	16.3	(1.7)	0.59	(0.06)	0.01	(0.09)	516	(5.9)	473	(10.0)
Florida*	76.1	(2.2)	23.9	(2.2)	0.30	(0.05)	-0.12	(0.07)	471	(6.3)	461	(5.9)
Massachusetts*	80.6	(2.5)	19.4	(2.5)	0.58	(0.07)	-0.13	(0.09)	522	(6.5)	490	(11.5)
Partners												
Argentina												
Ciudad Autónoma de Buenos Aires*	83.8	(1.8)	16.2	(1.8)	0.01	(0.08)	-1.28	(0.10)	431	(6.9)	355	(10.4)
Brazil												
Acre	99.5	(0.4)	0.5	(0.4)	-1.35	(0.10)	c	c	361	(5.8)	c	c
Alagoas	100.0	c	c	c	-1.70	(0.13)	c	c	345	(6.2)	c	c
Amapá	99.8	(0.2)	0.2	(0.2)	-0.93	(0.12)	c	c	363	(8.7)	c	c
Amazonas	98.6	(0.4)	1.4	(0.4)	-1.07	(0.06)	c	c	359	(5.4)	c	c
Bahia	99.4	(0.4)	0.6	(0.4)	-1.51	(0.09)	c	c	376	(8.2)	c	c
Ceará	99.9	(0.1)	0.1	(0.1)	-1.55	(0.11)	c	c	380	(8.9)	c	c
Espírito Santo	100.0	c	c	c	-1.17	(0.10)	c	c	416	(10.4)	c	c
Federal District	97.1	(0.6)	2.9	(0.6)	-0.65	(0.10)	c	c	420	(8.9)	c	c
Goiás	99.0	(0.4)	1.0	(0.4)	-1.24	(0.09)	c	c	382	(5.6)	c	c
Maranhão	99.3	(0.4)	0.7	(0.4)	-1.40	(0.19)	c	c	349	(13.3)	c	c
Mato Grosso	99.2	(0.4)	0.8	(0.4)	-1.34	(0.08)	c	c	373	(8.9)	c	c
Mato Grosso do Sul	97.7	(1.0)	2.3	(1.0)	-0.92	(0.10)	c	c	413	(7.4)	c	c
Minas Gerais	99.5	(0.5)	0.5	(0.5)	-1.29	(0.08)	c	c	407	(6.5)	c	c
Pará	99.6	(0.3)	0.4	(0.3)	-1.20	(0.17)	c	c	362	(3.9)	c	c
Paraíba	99.9	(0.1)	0.1	(0.1)	-1.13	(0.09)	c	c	396	(6.3)	c	c
Paraná	99.0	(0.2)	1.0	(0.2)	-1.09	(0.12)	c	c	405	(11.4)	c	c
Pernambuco	99.6	(0.2)	0.4	(0.2)	-1.61	(0.12)	c	c	365	(7.6)	c	c
Piauí	99.8	(0.2)	0.2	(0.2)	-1.25	(0.09)	c	c	387	(7.5)	c	c
Rio de Janeiro	99.3	(0.3)	0.7	(0.3)	-0.94	(0.08)	c	c	391	(7.0)	c	c
Rio Grande do Norte	99.7	(0.2)	0.3	(0.2)	-1.30	(0.14)	c	c	383	(8.7)	c	c
Rio Grande do Sul	99.9	(0.1)	0.1	(0.1)	-1.18	(0.08)	c	c	408	(5.4)	c	c
Rondônia	98.7	(0.4)	1.3	(0.4)	-1.37	(0.17)	c	c	385	(5.3)	c	c
Roraima	96.8	(0.9)	3.2	(0.9)	-1.03	(0.08)	c	c	366	(5.5)	c	c
Santa Catarina	98.9	(0.5)	1.1	(0.5)	-1.18	(0.12)	c	c	419	(7.9)	c	c
São Paulo	99.0	(0.4)	1.0	(0.4)	-0.94	(0.05)	c	c	407	(4.4)	c	c
Sergipe	99.8	(0.2)	0.2	(0.2)	-1.23	(0.10)	c	c	387	(8.8)	c	c
Tocantins	99.4	(0.2)	0.6	(0.2)	-1.31	(0.09)	c	c	368	(7.5)	c	c
Colombia												
Bogotá	99.8	(0.1)	0.2	(0.1)	-1.09	(0.05)	c	c	394	(3.4)	c	c
Cali	99.0	(0.3)	1.0	(0.3)	-0.81	(0.08)	c	c	380	(6.2)	c	c
Manizales	100.0	(0.0)	0.0	(0.0)	-0.77	(0.07)	c	c	405	(4.2)	c	c
Medellín	99.6	(0.2)	0.4	(0.2)	-0.93	(0.10)	c	c	396	(7.6)	c	c
Russian Federation												
Perm Territory region*	92.6	(0.7)	7.4	(0.7)	-0.12	(0.03)	-0.15	(0.07)	488	(5.5)	450	(8.5)
United Arab Emirates												
Abu Dhabi*	48.4	(2.1)	51.6	(2.1)	0.33	(0.04)	0.25	(0.05)	395	(3.5)	452	(5.2)
Ajman	46.0	(2.9)	54.0	(2.9)	-0.01	(0.08)	-0.15	(0.07)	389	(10.5)	418	(7.3)
Dubai*	31.3	(0.3)	68.7	(0.3)	0.38	(0.02)	0.55	(0.01)	408	(2.1)	492	(1.8)
Fujairah	74.7	(2.3)	25.3	(2.3)	-0.09	(0.04)	0.30	(0.07)	397	(4.9)	463	(19.9)
Ras al-Khaimah	69.1	(4.0)	30.9	(4.0)	0.08	(0.07)	0.00	(0.14)	406	(6.3)	441	(9.0)
Sharjah	41.3	(5.6)	58.7	(5.6)	0.39	(0.11)	0.47	(0.05)	405	(10.0)	465	(7.8)
Umm al-Quwain	67.3	(2.5)	32.7	(2.5)	-0.10	(0.06)	-0.16	(0.08)	393	(5.7)	410	(6.4)


* PISA adjudicated region.

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are students whose parents were born in a country other than the country of assessment.

See Table II.3.4a for national data.

1. ESCS refers to the PISA index of economic, social and cultural status.

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[Part 3/4]

Mathematics performance and immigrant background, by region

Table B2.II.9 Results based on students' self-reports

OECD		Difference in mathematics performance between non-immigrant and immigrant students		Difference in mathematics performance between non-immigrant and immigrant students AFTER accounting for ESCS		Increased likelihood of immigrant students scoring in the bottom quarter of the mathematics performance distribution		Population relevance of immigrant students scoring in the bottom quarter of the mathematics performance distribution		Effect size for immigrant background in mathematics performance (positive number implies an advantage for non-immigrant students)		Increased likelihood of non-immigrant students scoring in the bottom quarter of the mathematics performance distribution		Population relevance of non-immigrant students scoring in the bottom quarter of the mathematics performance distribution	
		Score dif.	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.	Effect size	S.E.	Ratio	S.E.	%	S.E.
	Australia														
	Australian Capital Territory	21	(11.3)	18	(11.0)	0.89	(0.18)	-1.9	(2.96)	0.22	(0.12)	1.13	(0.25)	9.7	(15.57)
	New South Wales	44	(8.4)	48	(7.6)	0.64	(0.07)	-10.6	(2.45)	0.44	(0.08)	1.56	(0.16)	29.1	(6.50)
	Northern Territory	18	(16.6)	9	(14.6)	1.13	(0.33)	1.9	(4.76)	0.17	(0.16)	0.89	(0.32)	-10.9	(27.74)
	Queensland	6	(6.4)	10	(6.2)	1.02	(0.12)	0.3	(2.22)	0.06	(0.07)	0.98	(0.11)	-1.3	(9.30)
	South Australia	7	(8.3)	9	(8.3)	0.96	(0.15)	-0.6	(2.27)	0.08	(0.09)	1.05	(0.17)	3.5	(13.11)
	Tasmania	35	(14.2)	20	(12.8)	0.45	(0.20)	-3.7	(1.47)	0.39	(0.15)	2.38	(1.04)	53.4	(19.57)
	Victoria	21	(8.4)	26	(7.9)	0.86	(0.11)	-3.2	(2.64)	0.23	(0.09)	1.17	(0.16)	11.5	(9.03)
	Western Australia	7	(5.8)	4	(5.2)	0.92	(0.11)	-2.6	(3.44)	0.07	(0.06)	1.09	(0.14)	6.1	(8.12)
	Belgium														
	Flemish Community*	-97	(7.4)	-65	(5.3)	2.75	(0.19)	15.5	(1.92)	-1.02	(0.07)	0.36	(0.03)	-132.6	(12.43)
	French Community	-48	(7.8)	-31	(6.2)	1.94	(0.23)	16.5	(3.84)	-0.52	(0.08)	0.52	(0.06)	-61.5	(11.76)
	German-speaking Community	-30	(7.1)	-35	(6.8)	1.53	(0.21)	10.8	(3.94)	-0.33	(0.08)	0.65	(0.09)	-36.3	(12.94)
	Canada														
	Alberta	5	(7.1)	10	(6.1)	0.99	(0.15)	-0.3	(3.63)	0.06	(0.08)	1.02	(0.14)	0.9	(10.90)
	British Columbia	13	(7.2)	14	(6.6)	0.86	(0.11)	-5.4	(4.73)	0.16	(0.09)	1.17	(0.17)	9.6	(8.30)
	Manitoba	-12	(8.0)	1	(7.7)	1.25	(0.19)	5.5	(4.11)	-0.14	(0.09)	0.80	(0.13)	-18.1	(13.41)
	New Brunswick	14	(14.9)	6	(14.7)	0.75	(0.37)	-1.5	(2.17)	0.18	(0.19)	1.40	(0.58)	24.0	(35.45)
	Newfoundland and Labrador	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Nova Scotia	32	(14.2)	19	(13.8)	0.67	(0.28)	-1.4	(1.18)	0.39	(0.17)	1.54	(0.66)	32.4	(27.34)
	Ontario	4	(7.1)	12	(6.3)	1.03	(0.12)	1.2	(5.12)	0.04	(0.08)	0.97	(0.12)	-1.6	(6.64)
	Prince Edward Island	53	(13.2)	53	(11.5)	0.33	(0.16)	-3.0	(0.90)	0.63	(0.17)	3.03	(1.53)	65.7	(16.59)
	Quebec	-34	(7.4)	-30	(6.4)	1.58	(0.17)	8.1	(2.40)	-0.38	(0.08)	0.63	(0.07)	-45.4	(11.67)
	Saskatchewan	-19	(8.8)	-15	(7.9)	1.29	(0.21)	2.1	(1.49)	-0.24	(0.11)	0.78	(0.12)	-25.9	(18.37)
	Italy														
	Abruzzo	-48	(8.2)	-32	(8.1)	1.80	(0.24)	4.4	(1.42)	-0.57	(0.11)	0.56	(0.08)	-72.0	(20.62)
	Basilicata	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Bolzano	-64	(10.8)	-59	(10.6)	2.14	(0.26)	6.2	(1.43)	-0.69	(0.11)	0.47	(0.06)	-101.0	(21.16)
	Calabria	-55	(15.8)	-48	(16.6)	2.05	(0.42)	3.6	(1.49)	-0.60	(0.19)	0.49	(0.10)	-97.7	(37.33)
	Campania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Emilia Romagna	-93	(9.7)	-69	(8.4)	2.96	(0.30)	22.9	(2.71)	-0.97	(0.09)	0.34	(0.03)	-128.1	(16.84)
	Friuli Venezia Giulia	-59	(10.6)	-44	(10.8)	2.12	(0.31)	9.8	(2.40)	-0.68	(0.11)	0.47	(0.07)	-91.3	(23.47)
	Lazio	-35	(9.2)	-21	(8.6)	1.60	(0.24)	5.5	(2.11)	-0.39	(0.11)	0.63	(0.10)	-50.9	(19.46)
	Liguria	-79	(9.4)	-62	(8.7)	2.42	(0.38)	13.2	(3.19)	-0.92	(0.11)	0.42	(0.06)	-109.8	(25.85)
	Lombardia	-61	(10.4)	-44	(9.0)	2.20	(0.31)	10.2	(2.29)	-0.71	(0.12)	0.46	(0.07)	-97.6	(23.73)
	Marche	-46	(11.0)	-37	(10.9)	1.92	(0.25)	8.9	(2.84)	-0.55	(0.13)	0.52	(0.06)	-74.8	(17.81)
	Molise	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Piemonte	-44	(13.1)	-30	(12.7)	1.94	(0.35)	7.3	(2.70)	-0.52	(0.15)	0.52	(0.10)	-79.5	(27.25)
	Puglia	-46	(13.5)	-41	(13.3)	2.01	(0.51)	2.5	(1.29)	-0.57	(0.19)	0.50	(0.11)	-95.4	(46.75)
	Sardegna	-71	(20.2)	-62	(18.0)	2.08	(0.43)	3.2	(1.44)	-0.83	(0.20)	0.48	(0.08)	-101.5	(38.64)
	Sicilia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Toscana	-68	(7.8)	-44	(8.6)	2.38	(0.30)	13.3	(2.57)	-0.75	(0.10)	0.42	(0.05)	-106.0	(19.81)
	Trento	-56	(9.5)	-43	(10.4)	1.94	(0.30)	7.9	(2.52)	-0.67	(0.13)	0.52	(0.09)	-78.7	(23.31)
	Umbria	-54	(8.9)	-42	(9.4)	1.90	(0.25)	9.4	(2.49)	-0.63	(0.11)	0.53	(0.07)	-72.2	(17.69)
	Valle d'Aosta	-31	(12.6)	-19	(12.1)	1.54	(0.33)	3.3	(2.04)	-0.40	(0.16)	0.65	(0.15)	-48.6	(29.26)
	Veneto	-77	(10.8)	-61	(10.6)	2.84	(0.42)	17.7	(3.95)	-0.84	(0.11)	0.35	(0.05)	-133.5	(25.08)
	Mexico														
	Aguascalientes	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Baja California	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Baja California Sur	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Campeche	-71	(12.1)	-59	(13.8)	2.87	(0.43)	9.2	(2.90)	-1.10	(0.23)	0.35	(0.06)	-160.1	(36.92)
	Chiapas	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Chihuahua	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Coahuila	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Colima	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Distrito Federal	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Durango	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Guanajuato	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Guerrero	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Hidalgo	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Jalisco	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Mexico	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Morelos	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Nayarit	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Nuevo León	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Puebla	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Querétaro	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Quintana Roo	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	San Luis Potosí	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Sinaloa	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Tabasco	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Tamaulipas	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Tlaxcala	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Veracruz	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Yucatán	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Zacatecas	c	c	c	c	c	c	c	c	c	c	c	c	c	c


* PISA adjudicated region.

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are students whose parents were born in a country other than the country of assessment.

See Table II.3.4a for national data.

1. ESCS refers to the PISA index of economic, social and cultural status.

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[Part 4/4]

Mathematics performance and immigrant background, by region

Table B2.II.9 Results based on students' self-reports

	Difference in mathematics performance between non-immigrant and immigrant students		Difference in mathematics performance between non-immigrant and immigrant students AFTER accounting for ESCS		Increased likelihood of immigrant students scoring in the bottom quarter of the mathematics performance distribution		Population relevance of immigrant students scoring in the bottom quarter of the mathematics performance distribution		Effect size for immigrant background in mathematics performance (positive number implies an advantage for non-immigrant students)		Increased likelihood of non-immigrant students scoring in the bottom quarter of the mathematics performance distribution		Population relevance of non-immigrant students scoring in the bottom quarter of the mathematics performance distribution	
	Score dif.	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.	Effect size	S.E.	Ratio	S.E.	%	S.E.
	OECD													
Portugal														
Alentejo	-3	(15.4)	8	(14.4)	1.13	(0.38)	0.7	(1.82)	-0.03	(0.17)	0.91	(0.25)	-12.3	(34.98)
Spain														
Andalusia*	-40	(14.1)	-35	(15.8)	1.77	(0.43)	2.6	(1.48)	-0.49	(0.17)	0.57	(0.14)	-72.5	(39.77)
Aragon*	-83	(10.0)	-60	(8.3)	2.77	(0.30)	18.9	(3.07)	-0.96	(0.11)	0.36	(0.04)	-124.4	(17.20)
Asturias*	-75	(9.2)	-50	(8.3)	2.34	(0.28)	7.8	(2.03)	-0.76	(0.10)	0.43	(0.05)	-115.8	(21.36)
Balearic Islands*	-60	(6.6)	-47	(6.1)	2.32	(0.33)	20.1	(3.90)	-0.73	(0.08)	0.43	(0.06)	-85.2	(17.66)
Basque Country*	-86	(6.1)	-67	(5.4)	2.87	(0.21)	13.9	(1.74)	-1.06	(0.08)	0.35	(0.03)	-146.7	(14.52)
Cantabria*	-49	(6.7)	-33	(7.2)	1.74	(0.28)	6.5	(2.08)	-0.63	(0.09)	0.58	(0.08)	-63.0	(22.41)
Castile and Leon*	-68	(9.9)	-44	(9.1)	2.31	(0.35)	8.3	(2.02)	-0.87	(0.13)	0.43	(0.06)	-111.9	(28.42)
Catalonia*	-70	(9.0)	-52	(8.6)	2.72	(0.30)	19.2	(3.40)	-0.89	(0.13)	0.37	(0.04)	-119.6	(17.57)
Extremadura*	-43	(16.6)	-36	(14.5)	1.82	(0.39)	2.7	(1.49)	-0.48	(0.20)	0.55	(0.13)	-76.8	(35.38)
Galicia*	-52	(9.6)	-46	(9.6)	1.97	(0.31)	5.1	(1.46)	-0.61	(0.12)	0.51	(0.07)	-86.7	(26.43)
La Rioja*	-85	(7.5)	-59	(7.6)	2.85	(0.33)	24.9	(3.55)	-0.92	(0.09)	0.35	(0.04)	-113.5	(15.16)
Madrid*	-60	(11.0)	-34	(10.9)	2.30	(0.37)	17.3	(4.67)	-0.69	(0.13)	0.43	(0.07)	-90.4	(21.33)
Murcia*	-59	(7.6)	-39	(6.6)	2.17	(0.31)	15.2	(3.73)	-0.70	(0.09)	0.46	(0.06)	-83.7	(18.25)
Navarre*	-73	(4.8)	-51	(5.3)	2.81	(0.26)	21.8	(2.53)	-0.93	(0.07)	0.36	(0.03)	-119.6	(14.35)
United Kingdom														
England	-13	(8.6)	-9	(6.7)	1.36	(0.14)	4.8	(1.86)	-0.13	(0.09)	0.73	(0.07)	-29.6	(11.06)
Northern Ireland	-9	(11.4)	1	(11.3)	1.22	(0.24)	0.8	(0.87)	-0.09	(0.12)	0.82	(0.16)	-20.6	(22.54)
Scotland*	25	(7.0)	22	(6.2)	0.86	(0.14)	-1.2	(1.23)	0.28	(0.08)	1.18	(0.20)	13.2	(13.56)
Wales	-11	(8.9)	-2	(7.8)	1.29	(0.21)	1.2	(0.84)	-0.12	(0.10)	0.78	(0.13)	-27.9	(19.29)
United States														
Connecticut*	-43	(8.1)	-15	(8.4)	1.81	(0.16)	11.7	(1.99)	-0.43	(0.08)	0.55	(0.05)	-59.7	(11.45)
Florida*	-10	(5.9)	5	(4.4)	1.12	(0.13)	2.8	(2.84)	-0.12	(0.07)	0.89	(0.10)	-9.0	(9.17)
Massachusetts*	-32	(11.4)	4	(9.5)	1.64	(0.22)	11.0	(3.32)	-0.32	(0.11)	0.61	(0.08)	-45.6	(14.69)
Partners														
Argentina														
Ciudad Autónoma de Buenos Aires*	-76	(8.7)	-25	(7.9)	2.83	(0.33)	22.8	(3.53)	-0.85	(0.07)	0.35	(0.04)	-118.1	(18.06)
Brazil														
Acre	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Alagoas	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Amapá	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Amazonas	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Bahia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Ceará	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Espírito Santo	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Federal District	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Goiás	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Maranhão	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Mato Grosso	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Mato Grosso do Sul	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Minas Gerais	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Pará	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Paraíba	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Paraná	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Pernambuco	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Piauí	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Rio de Janeiro	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Rio Grande do Norte	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Rondônia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Roraima	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Santa Catarina	c	c	c	c	c	c	c	c	c	c	c	c	c	c
São Paulo	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Sergipe	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Tocantins	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Colombia														
Bogotá	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Cali	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Manizales	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Medellín	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Russian Federation														
Perm Territory region*	-37	(8.2)	-37	(7.6)	1.67	(0.24)	4.8	(1.69)	-0.45	(0.10)	0.60	(0.10)	-59.0	(20.55)
United Arab Emirates														
Abu Dhabi*	58	(5.1)	60	(4.5)	0.47	(0.05)	-38.2	(5.81)	0.71	(0.06)	2.15	(0.24)	35.7	(4.27)
Ajman	28	(8.9)	32	(7.9)	0.60	(0.11)	-27.7	(9.60)	0.39	(0.13)	1.67	(0.35)	23.5	(9.30)
Dubai*	84	(3.0)	77	(3.0)	0.32	(0.02)	-88.6	(4.04)	1.01	(0.04)	3.16	(0.16)	40.4	(1.72)
Fujairah	66	(17.4)	60	(15.2)	0.29	(0.14)	-21.8	(7.13)	0.86	(0.26)	3.43	(1.63)	64.2	(14.82)
Ras al-Khaimah	34	(6.9)	36	(5.9)	0.73	(0.12)	-9.2	(4.40)	0.45	(0.09)	1.38	(0.19)	20.7	(9.35)
Sharjah	59	(12.0)	57	(12.2)	0.41	(0.10)	-52.7	(13.92)	0.77	(0.17)	2.44	(0.59)	37.0	(10.68)
Umm al-Quwain	16	(9.0)	18	(8.8)	0.83	(0.19)	-5.9	(6.90)	0.22	(0.12)	1.21	(0.25)	12.2	(13.97)


* PISA adjudicated region.

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

Students with an immigrant background are students whose parents were born in a country other than the country of assessment.

See Table II.3.4a for national data.

1. ESCS refers to the PISA index of economic, social and cultural status.

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[Part 1/8]
Mathematics performance and student population, by schools' socio-economic profile and region
 Results based on students' self-reports

OECD	Table B2.II.15																		
	Percentage of students						Mean ESCS ¹						Mean mathematics performance						
	Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²		Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²		Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²		
	%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	
Australia																			
Australian Capital Territory	c	c	33.1	(0.9)	66.9	(0.9)	c	c	0.33	(0.04)	0.76	(0.03)	c	c	484	(5.1)	534	(4.2)	
New South Wales	23.2	(2.3)	49.7	(3.4)	27.1	(2.9)	-0.33	(0.03)	0.22	(0.02)	0.79	(0.02)	455	(6.4)	503	(4.7)	566	(9.7)	
Northern Territory	23.7	(2.3)	61.9	(9.6)	14.4	(10.0)	-0.42	(0.10)	0.23	(0.06)	c	c	401	(17.0)	452	(7.5)	c	c	
Queensland	29.1	(3.3)	49.8	(4.3)	21.1	(3.0)	-0.27	(0.03)	0.24	(0.02)	0.75	(0.04)	459	(5.2)	508	(3.3)	557	(5.4)	
South Australia	30.0	(3.3)	52.5	(4.2)	17.6	(2.6)	-0.29	(0.04)	0.26	(0.02)	0.77	(0.04)	458	(6.0)	488	(4.7)	543	(8.7)	
Tasmania	41.3	(1.3)	42.2	(1.5)	16.6	(1.3)	-0.38	(0.03)	0.14	(0.04)	0.73	(0.05)	446	(3.7)	483	(5.7)	544	(6.8)	
Victoria	15.7	(2.5)	61.1	(3.7)	23.3	(3.2)	-0.30	(0.03)	0.26	(0.02)	0.80	(0.03)	460	(6.5)	492	(4.2)	551	(8.2)	
Western Australia	31.0	(3.4)	39.0	(4.6)	30.1	(3.9)	-0.23	(0.03)	0.25	(0.03)	0.76	(0.03)	473	(6.7)	514	(5.0)	566	(6.3)	
Belgium																			
Flemish Community*	26.9	(2.6)	39.2	(3.5)	33.9	(2.6)	-0.45	(0.05)	0.12	(0.02)	0.67	(0.03)	453	(7.0)	521	(4.7)	605	(5.4)	
French Community	32.1	(3.7)	34.6	(4.4)	33.4	(3.5)	-0.49	(0.04)	0.13	(0.03)	0.68	(0.04)	421	(6.1)	500	(5.4)	556	(5.6)	
German-speaking Community	10.2	(0.0)	47.0	(0.3)	42.9	(0.3)	c	c	0.09	(0.05)	c	c	c	c	489	(3.5)	c	c	
Canada																			
Alberta	7.6	(2.5)	64.9	(4.6)	27.5	(4.2)	-0.07	(0.04)	0.41	(0.02)	0.93	(0.04)	473	(18.6)	502	(4.2)	565	(6.7)	
British Columbia	20.7	(4.0)	48.2	(6.1)	31.0	(4.6)	-0.06	(0.03)	0.39	(0.03)	0.91	(0.03)	500	(8.1)	514	(5.7)	550	(6.2)	
Manitoba	28.4	(3.2)	55.3	(3.0)	16.3	(1.3)	-0.23	(0.06)	0.32	(0.03)	0.93	(0.04)	463	(6.9)	495	(3.5)	535	(7.8)	
New Brunswick	27.6	(3.0)	48.0	(2.2)	24.4	(1.4)	0.00	(0.03)	0.36	(0.03)	0.81	(0.05)	486	(5.0)	495	(3.1)	537	(7.7)	
Newfoundland and Labrador	26.5	(3.3)	52.1	(3.0)	21.4	(1.0)	-0.33	(0.05)	0.36	(0.04)	0.85	(0.07)	447	(6.7)	498	(3.3)	526	(6.2)	
Nova Scotia	24.3	(5.3)	63.3	(6.6)	12.4	(1.8)	-0.02	(0.02)	0.34	(0.05)	0.85	(0.07)	487	(5.2)	498	(6.3)	514	(9.0)	
Ontario	22.2	(4.1)	49.8	(5.8)	27.9	(4.5)	-0.12	(0.04)	0.42	(0.02)	0.91	(0.04)	486	(7.5)	509	(3.9)	546	(7.1)	
Prince Edward Island	42.8	(0.4)	27.8	(0.4)	29.4	(0.4)	0.14	(0.04)	0.36	(0.04)	c	c	470	(4.0)	476	(4.3)	c	c	
Quebec	25.4	(3.8)	50.0	(4.0)	24.7	(1.9)	-0.15	(0.04)	0.31	(0.02)	0.89	(0.03)	499	(6.7)	528	(4.4)	590	(6.7)	
Saskatchewan	12.7	(2.8)	72.6	(3.2)	14.6	(1.4)	-0.09	(0.06)	0.40	(0.02)	0.85	(0.05)	490	(7.6)	506	(3.7)	521	(4.7)	
Italy																			
Abruzzo	9.8	(4.7)	64.4	(6.2)	25.8	(4.0)	-0.45	(0.07)	-0.12	(0.03)	0.61	(0.05)	424	(15.8)	459	(9.9)	538	(10.2)	
Basilicata	45.4	(4.8)	35.4	(5.4)	19.2	(1.7)	-0.63	(0.04)	-0.09	(0.05)	0.57	(0.06)	429	(6.7)	478	(9.3)	530	(7.1)	
Bolzano	25.1	(0.7)	51.4	(0.7)	23.5	(0.6)	-0.53	(0.04)	-0.09	(0.02)	0.48	(0.05)	456	(3.6)	507	(3.2)	556	(4.1)	
Calabria	42.7	(4.8)	37.4	(5.9)	19.9	(4.0)	-0.72	(0.04)	-0.02	(0.04)	0.51	(0.05)	392	(7.9)	440	(11.9)	494	(11.0)	
Campania	43.7	(6.2)	29.7	(7.1)	26.6	(6.6)	-0.71	(0.05)	-0.06	(0.04)	0.53	(0.10)	404	(7.9)	463	(12.3)	521	(7.9)	
Emilia Romagna	25.3	(5.4)	44.7	(7.0)	30.0	(4.5)	-0.58	(0.06)	-0.12	(0.04)	0.62	(0.04)	430	(11.5)	492	(7.0)	571	(9.3)	
Friuli Venezia Giulia	20.4	(5.3)	36.2	(6.0)	43.5	(3.2)	-0.63	(0.08)	-0.04	(0.04)	0.44	(0.04)	458	(17.3)	512	(9.3)	563	(6.5)	
Lazio	10.5	(4.5)	42.9	(5.7)	46.5	(5.3)	-0.59	(0.08)	-0.06	(0.05)	0.54	(0.04)	395	(7.4)	445	(8.6)	520	(10.8)	
Liguria	13.8	(3.6)	51.3	(5.7)	34.9	(5.4)	-0.71	(0.08)	-0.10	(0.04)	0.50	(0.04)	413	(7.1)	473	(7.7)	540	(9.2)	
Lombardia	22.3	(5.8)	41.7	(8.0)	36.0	(5.8)	-0.59	(0.04)	-0.08	(0.04)	0.61	(0.06)	468	(14.3)	499	(8.4)	568	(8.7)	
Marche	21.1	(4.7)	48.7	(6.3)	30.2	(5.3)	-0.54	(0.04)	-0.14	(0.04)	0.48	(0.05)	433	(13.0)	498	(7.8)	537	(12.9)	
Molise	36.6	(0.9)	35.7	(0.8)	27.6	(0.9)	-0.59	(0.04)	-0.10	(0.05)	0.49	(0.05)	426	(3.9)	460	(3.6)	529	(4.8)	
Piemonte	26.2	(3.7)	48.2	(5.2)	25.6	(4.2)	-0.59	(0.04)	-0.09	(0.03)	0.53	(0.04)	447	(6.7)	499	(8.0)	550	(9.8)	
Puglia	47.3	(3.8)	37.3	(4.9)	15.4	(3.9)	-0.78	(0.04)	-0.05	(0.05)	0.54	(0.06)	438	(7.4)	507	(10.0)	530	(8.0)	
Sardegna	28.2	(5.4)	52.1	(6.4)	19.7	(3.9)	-0.66	(0.05)	-0.14	(0.04)	0.68	(0.08)	406	(11.3)	460	(8.5)	526	(5.5)	
Sicilia	33.3	(5.2)	42.1	(7.1)	24.5	(5.1)	-0.62	(0.04)	-0.07	(0.04)	0.54	(0.08)	402	(7.0)	449	(9.0)	505	(8.6)	
Toscana	30.3	(5.9)	30.4	(5.0)	39.3	(5.1)	-0.61	(0.05)	-0.10	(0.04)	0.56	(0.07)	429	(11.0)	498	(11.9)	545	(10.0)	
Trento	20.5	(3.8)	50.8	(4.8)	28.7	(2.1)	-0.61	(0.03)	-0.02	(0.03)	0.48	(0.05)	457	(9.8)	529	(7.2)	563	(6.9)	
Umbria	10.1	(4.3)	47.6	(4.9)	42.3	(2.8)	-0.66	(0.08)	-0.10	(0.04)	0.53	(0.03)	394	(15.1)	479	(10.0)	531	(6.1)	
Valle d'Aosta	42.1	(0.9)	42.3	(0.9)	15.5	(0.5)	-0.60	(0.04)	-0.07	(0.05)	c	c	474	(3.3)	486	(4.1)	c	c	
Veneto	30.4	(5.1)	43.2	(6.4)	26.4	(4.9)	-0.61	(0.04)	-0.04	(0.04)	0.53	(0.05)	455	(8.2)	535	(7.0)	581	(15.5)	
Mexico																			
Agascalientes	14.8	(5.6)	38.6	(6.1)	46.5	(4.2)	-1.71	(0.07)	-1.12	(0.05)	-0.16	(0.09)	389	(9.1)	430	(5.9)	458	(7.0)	
Baja California	4.0	(2.4)	41.1	(8.2)	54.9	(8.7)	c	c	-1.11	(0.07)	-0.34	(0.08)	c	c	400	(10.1)	427	(11.5)	
Baja California Sur	16.9	(6.0)	33.5	(7.8)	49.6	(9.0)	-1.62	(0.06)	-1.11	(0.07)	-0.27	(0.06)	372	(10.9)	401	(8.7)	438	(7.4)	
Campeche	33.8	(8.6)	51.0	(8.9)	15.2	(3.9)	-2.19	(0.14)	-1.15	(0.05)	0.10	(0.10)	378	(8.0)	395	(6.1)	437	(15.5)	
Chiapas	69.2	(7.9)	23.3	(7.2)	7.5	(4.5)	-1.66	(0.07)	-1.10	(0.10)	c	c	356	(7.9)	402	(8.8)	c	c	
Chihuahua	18.0	(7.7)	43.9	(10.3)	38.1	(9.1)	-1.67	(0.13)	-1.00	(0.06)	-0.18	(0.10)	392	(15.1)	410	(9.0)	466	(11.5)	
Coahuila	16.7	(7.3)	40.5	(8.9)	42.8	(9.4)	-1.73	(0.09)	-1.15	(0.04)	-0.15	(0.12)	384	(15.6)	401	(5.1)	448	(12.1)	
Colima	16.1	(5.3)	37.3	(6.8)	46.6	(5.3)	-1.87	(0.07)	-1.08	(0.06)	-0.10	(0.12)	367	(4.5)	416	(9.3)	462	(7.4)	
Distrito Federal	9.7	(6.0)	46.4	(7.6)	43.8	(6.6)	c	c	-1.00	(0.06)	0.14	(0.17)	c	c	410	(5.2)	459	(7.4)	
Durango	23.3	(6.9)	41.6	(9.3)	35.1	(9.7)	-1.85	(0.09)	-1.20	(0.06)	-0.17	(0.10)	394	(7.4)	418	(9.7)	454	(9.8)	
Guanajuato	52.4	(8.3)	21.2	(7.6)	26.3	(5.9)	-1.96	(0.07)	-1.07	(0.07)	-0.05	(0.16)	386	(7.6)	414	(8.6)	461	(5.1)	
Guerrero	60.7	(7.8)	29.4	(8.0)	9.9	(3.7)	-2.08	(0.08)	-1.20	(0.05)	-0.37	(0.22)	353	(5.5)	384	(8.6)	402	(16.9)	
Hidalgo	55.3	(7.2)	28.2	(7.2)	16.4	(4.0)	-1.98	(0.08)	-1.20	(0.06)	-0.08	(0.27)	387	(6.4)	412	(14.2)	463	(12.5)	
Jalisco	32.0	(9.0)	35.2	(9.9)	32.8	(7.3)	-1.81	(0.09)	-1.20	(0.05)	-0.21	(0.10)	413	(8.6)	426	(11.0)	466	(6.4)	
Mexico	23.3	(8.3)	51.5	(9.7)	25.2	(7.6)	-1.75	(0.07)	-1.14	(0.04)	-0.28	(0.18)	400	(11.6)	412	(6.3)	444	(14.9)	
Morelos	20.5	(6.8)	43.9	(7.6)	35.6	(6.9)	-1.87	(0.10)	-1.26	(0.06)	0.19	(0.16)	364	(15.3)	409	(5.1)	471	(12.6)	
Nayarit	19.9	(4.5)	52.0	(4.6)	28.1	(5.0)	-2.17	(0.11)	-1.05	(0.05)	-0.13	(0.12)	388	(16.3)	404	(7.7)	451	(7.2)	
Nuevo León	1.9	(1.4)	30.7	(9.0)	67.3	(8.8)	c	c	-1.14	(0.07)	-0.05	(0.14)	c	c	398	(4.2)	455	(7.7)	
Puebla	58.4	(7.5)	21.5	(6.9)	20.1	(5.2)	-2.18	(0.10)	-1.13	(0.07)	-0.08	(0.18)	394	(7.7)	434	(8.4)	456	(7.5)	
Querétaro	28.4	(8.6)	30.6	(6.8)	41.0	(12.2)	-2.08	(0.10)	-1.12	(0.06)	0.04	(0.18)	404	(8.5)	427	(10.5)	461	(13.1)	
Quintana Roo	22.8	(8.0)	42.1	(7.6)	35.1	(6.5)	-1.82	(0.09)	-1.17	(0.08)	-0.19	(0.08)	382	(7.9)	393	(7.3)	450	(4.7)	
San Luis Potosí	45.4	(9.2)	27.9	(8.8)	26.7	(6.5)	-2.12	(0.11)	-1.20	(0.07)	0.10	(0.18)	380	(6.3)	411	(5.3)	468	(9.5)	
Sinaloa	16.6	(5.2)																	

[Part 2/8]

Mathematics performance and student population, by schools' socio-economic profile and region
Results based on students' self-reports

Table B2.II.15

	Percentage of students						Mean ESCS ¹						Mean mathematics performance					
	Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²		Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²		Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²	
	%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Portugal																	
	Alentejo		46.3 (13.9)		30.8 (12.6)		-1.14 (0.05)		-0.42 (0.05)		0.34 (0.13)		419 (14.1)		494 (9.7)		532 (10.2)	
	Spain																	
	Andalusia*		36.2 (7.3)		19.7 (5.8)		-0.84 (0.04)		-0.23 (0.03)		0.49 (0.08)		448 (5.0)		484 (7.3)		503 (7.0)	
	Aragon*		41.4 (6.0)		34.3 (4.2)		-0.65 (0.04)		-0.22 (0.04)		0.55 (0.08)		454 (8.1)		493 (7.4)		531 (7.3)	
	Asturias*		50.0 (6.6)		33.0 (5.4)		-0.69 (0.03)		-0.18 (0.03)		0.57 (0.08)		463 (15.3)		489 (4.5)		536 (6.7)	
	Balearic Islands*		60.1 (6.9)		20.4 (4.7)		-0.72 (0.04)		-0.20 (0.03)		0.52 (0.08)		434 (10.1)		477 (4.2)		509 (8.4)	
	Basque Country*		49.5 (3.3)		39.9 (3.0)		-0.77 (0.04)		-0.17 (0.02)		0.48 (0.03)		443 (10.3)		500 (3.1)		528 (3.7)	
	Cantabria*		70.2 (5.4)		20.7 (5.1)		-0.66 (0.04)		-0.18 (0.03)		0.59 (0.08)		481 (8.8)		484 (3.8)		523 (8.0)	
	Castile and Leon*		49.8 (7.2)		35.5 (5.0)		-0.75 (0.09)		-0.26 (0.04)		0.39 (0.05)		491 (6.6)		498 (6.8)		532 (5.1)	
	Catalonia*		42.3 (6.8)		34.3 (6.7)		-0.82 (0.04)		-0.26 (0.04)		0.49 (0.06)		451 (7.4)		485 (6.0)		532 (7.1)	
	Extremadura*		32.5 (4.4)		14.7 (3.7)		-0.85 (0.03)		-0.28 (0.05)		0.52 (0.10)		444 (5.7)		461 (4.8)		524 (6.2)	
	Galicia*		42.8 (6.6)		27.1 (4.8)		-0.73 (0.04)		-0.23 (0.04)		0.51 (0.07)		468 (7.6)		483 (5.8)		521 (6.0)	
	La Rioja*		46.3 (0.6)		29.5 (0.3)		-0.61 (0.05)		-0.24 (0.04)		0.39 (0.04)		475 (4.6)		494 (3.3)		541 (3.6)	
	Madrid*		39.7 (6.2)		43.9 (6.1)		-0.68 (0.06)		-0.18 (0.04)		0.67 (0.08)		458 (11.7)		496 (5.7)		528 (5.6)	
	Murcia*		45.1 (7.5)		6.5 (3.8)		-0.82 (0.04)		-0.25 (0.05)		c		444 (6.5)		477 (8.5)		c	
	Navarre*		51.7 (5.7)		25.7 (4.2)		-0.70 (0.05)		-0.17 (0.03)		0.54 (0.08)		493 (4.4)		511 (4.5)		548 (4.5)	
	United Kingdom																	
	England		51.5 (3.5)		25.1 (2.8)		-0.23 (0.04)		0.27 (0.02)		0.79 (0.03)		449 (9.7)		488 (4.2)		552 (6.2)	
	Northern Ireland		41.7 (4.4)		30.1 (2.6)		-0.20 (0.03)		0.21 (0.02)		0.84 (0.03)		419 (4.6)		475 (6.4)		566 (3.8)	
	Scotland*		56.0 (4.4)		12.7 (2.8)		-0.24 (0.03)		0.19 (0.02)		0.78 (0.04)		468 (5.4)		504 (2.8)		548 (7.5)	
	Wales		63.7 (3.6)		11.9 (2.3)		-0.21 (0.03)		0.24 (0.02)		0.68 (0.03)		439 (4.6)		472 (2.5)		507 (6.0)	
	United States																	
	Connecticut*		42.8 (6.9)		32.1 (5.5)		-0.18 (0.06)		0.46 (0.03)		1.04 (0.04)		448 (11.2)		502 (5.2)		556 (7.8)	
	Florida*		50.6 (6.5)		25.2 (6.8)		-0.32 (0.03)		0.21 (0.03)		0.67 (0.05)		430 (6.2)		464 (5.2)		508 (10.6)	
	Massachusetts*		39.9 (7.4)		33.0 (6.5)		-0.19 (0.05)		0.40 (0.04)		1.00 (0.06)		464 (9.0)		504 (4.9)		566 (11.2)	
Partners	Argentina																	
	Ciudad Autónoma de Buenos Aires*		18.5 (5.2)		60.5 (4.3)		-1.39 (0.07)		-0.93 (0.05)		0.44 (0.06)		322 (19.9)		383 (16.1)		462 (6.5)	
	Brazil																	
	Acre		35.3 (10.5)		18.2 (5.6)		-1.86 (0.07)		-1.25 (0.06)		-0.26 (0.17)		341 (6.7)		358 (6.2)		405 (16.0)	
	Alagoas		12.8 (6.6)		16.7 (6.3)		-2.12 (0.07)		c		c		328 (4.6)		c		c	
	Amapá		56.4 (10.3)		39.9 (9.5)		c		-1.23 (0.04)		-0.43 (0.22)		c		339 (6.8)		392 (10.6)	
	Amazonas		78.7 (9.2)		18.2 (8.4)		c		-1.19 (0.04)		-0.31 (0.18)		c		347 (5.5)		397 (22.7)	
	Bahia		9.9 (3.7)		16.4 (4.4)		-1.98 (0.09)		c		c		352 (12.2)		c		c	
	Ceará		15.8 (7.0)		15.5 (4.3)		-1.99 (0.04)		c		c		360 (4.5)		c		c	
	Espírito Santo		40.4 (11.4)		22.8 (3.7)		-1.89 (0.15)		-1.30 (0.05)		c		389 (10.0)		379 (9.2)		c	
	Federal District		53.5 (9.2)		45.2 (8.9)		c		-1.24 (0.05)		0.01 (0.22)		c		370 (10.5)		471 (16.3)	
	Goiás		57.0 (11.1)		14.0 (5.9)		-1.82 (0.11)		-1.30 (0.06)		c		348 (9.3)		374 (7.5)		c	
	Maranhão		42.0 (10.6)		14.5 (9.9)		-1.97 (0.11)		-1.32 (0.06)		c		322 (11.5)		328 (7.8)		c	
	Mato Grosso		41.3 (4.9)		10.3 (4.1)		-1.76 (0.08)		-1.23 (0.06)		c		358 (12.2)		359 (8.0)		c	
	Mato Grosso do Sul		32.8 (7.4)		36.9 (6.7)		-1.72 (0.05)		-1.19 (0.06)		-0.11 (0.08)		374 (11.1)		385 (7.6)		458 (8.7)	
	Minas Gerais		35.0 (8.5)		20.8 (6.6)		-1.83 (0.06)		-1.32 (0.07)		-0.07 (0.31)		383 (7.1)		394 (4.3)		462 (15.3)	
	Pará		48.4 (13.2)		19.3 (12.9)		-1.78 (0.06)		-1.26 (0.03)		c		331 (7.1)		356 (15.8)		c	
	Paraíba		18.5 (5.6)		37.8 (8.4)		-1.98 (0.08)		-1.21 (0.11)		-0.09 (0.19)		355 (14.3)		378 (6.6)		450 (16.7)	
	Paraná		51.1 (9.7)		23.5 (4.0)		-1.77 (0.04)		-1.25 (0.04)		0.02 (0.38)		366 (12.8)		387 (5.0)		479 (39.5)	
	Pernambuco		34.7 (14.2)		6.6 (4.1)		-1.99 (0.08)		-1.23 (0.06)		c		347 (10.0)		377 (6.0)		c	
	Piauí		29.8 (10.6)		23.2 (3.2)		-1.94 (0.09)		-1.31 (0.04)		c		353 (6.1)		367 (11.9)		c	
	Rio de Janeiro		81.4 (5.2)		18.6 (5.2)		c		-1.14 (0.04)		-0.08 (0.31)		c		374 (7.4)		456 (16.4)	
	Rio Grande do Norte		18.6 (7.9)		22.3 (4.6)		-1.89 (0.08)		-1.17 (0.08)		0.10 (0.23)		349 (5.4)		357 (6.9)		484 (26.1)	
	Rio Grande do Sul		32.9 (6.1)		27.3 (6.5)		-1.72 (0.04)		-1.20 (0.07)		-0.38 (0.12)		389 (11.7)		405 (12.0)		436 (8.7)	
	Rondônia		40.5 (12.7)		13.0 (8.6)		-1.96 (0.05)		-1.16 (0.07)		c		370 (7.0)		383 (9.3)		c	
	Roraima		54.3 (8.6)		21.5 (4.7)		-1.66 (0.10)		-1.21 (0.04)		0.07 (0.06)		331 (7.8)		346 (5.4)		437 (4.7)	
	Santa Catarina		52.6 (10.8)		17.2 (6.0)		-1.86 (0.08)		-1.16 (0.05)		c		387 (19.1)		416 (9.2)		c	
	São Paulo		46.1 (5.1)		35.6 (4.3)		-1.70 (0.04)		-1.22 (0.03)		-0.19 (0.07)		374 (6.7)		380 (3.9)		449 (11.6)	
	Sergipe		36.9 (10.9)		28.3 (8.7)		-1.91 (0.07)		-1.36 (0.06)		-0.33 (0.08)		357 (10.2)		375 (5.4)		429 (22.9)	
	Tocantins		36.8 (11.0)		21.0 (8.6)		-1.84 (0.06)		-1.26 (0.05)		-0.30 (0.13)		343 (9.5)		352 (9.1)		436 (11.8)	
	Colombia																	
	Bogotá		54.6 (8.1)		36.1 (8.0)		-1.76 (0.06)		-1.24 (0.03)		-0.70 (0.08)		357 (7.3)		385 (3.5)		413 (6.6)	
	Cali		41.2 (7.0)		50.5 (7.7)		c		-1.22 (0.05)		-0.34 (0.09)		c		352 (6.0)		410 (7.0)	
	Manizales		23.8 (6.0)		61.2 (6.8)		-1.95 (0.10)		-1.21 (0.06)		-0.31 (0.07)		353 (3.9)		379 (4.0)		426 (7.6)	
	Medellín		41.5 (7.1)		42.4 (6.5)		-1.89 (0.10)		-1.32 (0.04)		-0.22 (0.13)		351 (6.9)		365 (5.0)		437 (12.8)	
	Russian Federation																	
	Perm Territory region*		53.2 (6.2)		24.9 (4.3)		-0.62 (0.05)		-0.13 (0.02)		0.31 (0.03)		437 (9.5)		479 (5.0)		534 (13.8)	
	United Arab Emirates																	
	Abu Dhabi*		40.5 (3.9)		29.6 (3.1)		-0.24 (0.05)		0.28 (0.03)		0.84 (0.03)		385 (5.4)		416 (6.4)		466 (8.2)	
	Ajman		44.1 (7.0)		c		-0.34 (0.07)		0.24 (0.06)		c		387 (11.2)		424 (7.4)		c	
	Dubai*		36.8 (0.3)		48.0 (0.2)		-0.19 (0.02)		0.35 (0.02)		0.83 (0.01)		388 (2.4)		450 (2.4)		498 (1.7)	
	Fujairah		29.3 (6.3)		10.1 (4.9)		-0.25 (0.04)		0.29 (0.06)		c		396 (4.6)		419 (18.6)		c	
	Ras al-Khaimah		47.5 (9.5)		12.8 (5.6)		-0.36 (0.09)		0.24 (0.04)		0.67 (0.06)		408 (10.6)		415 (7.9)		441 (6.9)	
	Sharjah		42.0 (8.7)		49.5 (8.4)		c		0.26 (0.05)		0.72 (0.04)		c		423 (13.5)		462 (16.4)	
	Umm al-Quwain		48.7 (0.2)		c		-0.28 (0.05)		0.08 (0.07)		c		378 (4.4)		418 (6.5)		c	


* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.4.2 for national data.

1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. Advantaged (disadvantaged) schools are those where the typical student in the school, or the socio-economic profile of the school, is above (below) the ESCS of the typical student in the country, the country mean ESCS. In each school, a random sample of 35 students are to take part in PISA (for more details see the *PISA 2012 Technical Report* [OECD, forthcoming]). The socio-economic profile of the school is calculated using the information provided by these students. Therefore, the precision of the estimate depends on the number of students that actually take the test in the school and the diversity of their answers. This precision was taken into account when classifying schools as advantaged, disadvantaged or average. If the difference between the school socio-economic profile and the ESCS of the typical student in the country (the mean ESCS at the country level) was not statistically significant, the school was classified as a school with an average socio-economic profile. If the school profile was statistically significantly above the country mean, the school is classified as a socio-economically advantaged school. If the profile was below the country mean, the school is classified as a socio-economically disadvantaged school.

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[Part 3/8]

Mathematics performance and student population, by schools' socio-economic profile and regionTable B2.II.15 *Results based on students' self-reports*

	Percentage of immigrant students						Percentage of immigrant students who do not speak the language of assessment at home						Percentage of students in rural schools (schools located in a village, hamlet or rural area; fewer than 3 000 people)					
	Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²		Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²		Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																		
Australia																		
Australian Capital Territory	c	c	6.2	(1.6)	17.4	(1.9)	c	c	6.2	(1.6)	5.5	(1.2)	c	c	c	c	c	c
New South Wales	31.1	(5.6)	8.6	(1.4)	30.6	(3.9)	14.3	(3.9)	8.6	(1.4)	12.1	(2.3)	63.6	(13.7)	36.4	(13.7)	c	c
Northern Territory	9.0	(3.7)	4.5	(1.4)	c	c	1.4	(0.7)	4.5	(1.4)	c	c	53.7	(6.7)	46.3	(6.7)	c	c
Queensland	17.5	(1.9)	4.1	(0.7)	20.8	(2.1)	3.6	(0.8)	4.1	(0.7)	5.6	(1.6)	88.2	(11.4)	11.8	(11.4)	c	c
South Australia	10.7	(2.4)	4.7	(1.0)	18.3	(2.7)	4.4	(1.9)	4.7	(1.0)	7.8	(2.0)	61.7	(14.7)	38.3	(14.7)	c	c
Tasmania	3.8	(1.0)	0.9	(0.6)	17.1	(3.7)	1.0	(0.5)	0.9	(0.6)	3.0	(1.5)	78.6	(1.2)	21.4	(1.2)	c	c
Victoria	22.6	(5.1)	7.2	(1.1)	21.7	(3.6)	10.9	(3.1)	7.2	(1.1)	6.5	(2.3)	41.3	(14.8)	45.7	(15.1)	c	c
Western Australia	26.4	(4.4)	5.6	(1.2)	34.0	(2.9)	4.9	(1.4)	5.6	(1.2)	5.3	(1.3)	100.0	c	c	c	c	c
Belgium																		
Flemish Community*	17.6	(2.5)	11.4	(1.6)	4.4	(0.8)	13.4	(2.3)	7.1	(1.0)	2.8	(0.6)	c	c	100.0	c	c	c
French Community	33.3	(5.2)	4.5	(0.7)	16.5	(2.4)	12.4	(2.2)	4.5	(0.7)	4.3	(1.1)	43.3	(21.0)	15.9	(15.1)	40.8	(21.2)
German-speaking Community	c	c	5.1	(1.2)	c	c	c	c	5.1	(1.2)	c	c	c	c	c	c	c	c
Canada																		
Alberta	40.1	(8.6)	10.8	(1.5)	29.2	(3.6)	22.8	(5.5)	10.8	(1.5)	13.2	(1.7)	10.9	(10.3)	70.9	(19.1)	18.2	(16.7)
British Columbia	36.0	(7.8)	16.4	(2.6)	38.7	(3.7)	21.8	(5.4)	16.4	(2.6)	23.6	(2.8)	c	c	100.0	c	c	c
Manitoba	34.1	(4.3)	10.7	(2.0)	17.4	(2.0)	19.0	(3.3)	10.7	(2.0)	11.7	(1.7)	56.2	(12.9)	41.6	(12.7)	2.2	(0.4)
New Brunswick	2.5	(0.7)	1.0	(0.5)	14.5	(3.9)	1.1	(0.5)	1.0	(0.5)	7.5	(2.7)	70.4	(10.3)	29.6	(10.3)	c	c
Newfoundland and Labrador	0.0	(0.0)	0.5	(0.2)	7.5	(3.4)	0.0	(0.0)	0.5	(0.2)	4.9	(3.4)	73.0	(9.7)	27.0	(9.7)	c	c
Nova Scotia	2.4	(1.2)	1.4	(0.4)	13.4	(3.1)	0.5	(0.4)	1.4	(0.4)	10.2	(2.4)	54.6	(11.5)	45.4	(11.5)	c	c
Ontario	63.1	(7.6)	13.4	(2.0)	51.9	(5.5)	28.3	(5.6)	13.4	(2.0)	22.3	(3.2)	0.3	(0.3)	83.4	(12.7)	16.3	(12.7)
Prince Edward Island	1.7	(0.6)	3.3	(1.0)	c	c	0.6	(0.3)	3.3	(1.0)	c	c	44.6	(0.6)	55.0	(0.6)	0.4	(0.0)
Quebec	19.0	(4.5)	7.7	(1.2)	14.2	(3.1)	10.2	(2.6)	7.7	(1.2)	6.3	(1.4)	52.0	(21.6)	30.5	(19.0)	17.5	(14.9)
Saskatchewan	4.4	(1.9)	3.7	(0.7)	14.3	(3.3)	3.6	(1.6)	3.7	(0.7)	9.2	(2.3)	16.5	(7.6)	78.5	(8.1)	4.9	(3.4)
Italy																		
Abruzzo	9.9	(4.3)	4.0	(1.0)	3.6	(1.3)	6.8	(4.0)	4.0	(1.0)	2.4	(1.0)	100.0	c	c	c	c	c
Basilicata	1.4	(0.5)	0.5	(0.3)	0.4	(0.3)	0.9	(0.4)	0.5	(0.3)	0.2	(0.2)	61.5	(34.4)	38.5	(34.4)	c	c
Bolzano	6.3	(1.1)	3.6	(0.5)	6.6	(1.4)	5.2	(1.1)	3.6	(0.5)	3.9	(1.1)	52.4	(2.2)	47.6	(2.2)	c	c
Calabria	4.3	(1.0)	0.6	(0.5)	2.3	(0.9)	2.6	(0.9)	0.6	(0.5)	1.3	(0.8)	75.0	(28.6)	25.0	(28.6)	c	c
Campania	2.1	(0.7)	0.7	(0.4)	0.4	(0.3)	1.1	(0.6)	0.7	(0.4)	0.2	(0.2)	100.0	c	c	c	c	c
Emilia Romagna	27.1	(4.0)	8.5	(1.3)	5.2	(0.8)	16.7	(3.5)	8.5	(1.3)	2.9	(0.5)	c	c	c	c	c	c
Friuli Venezia Giulia	19.8	(4.2)	4.1	(1.1)	6.2	(1.0)	15.6	(4.0)	4.1	(1.1)	3.3	(0.8)	100.0	c	c	c	c	c
Lazio	23.0	(5.0)	6.2	(1.8)	5.8	(1.2)	18.8	(5.4)	6.2	(1.8)	1.8	(0.6)	c	c	c	c	c	c
Liguria	26.3	(5.0)	6.0	(0.9)	5.0	(1.2)	17.5	(2.9)	6.0	(0.9)	2.5	(0.7)	c	c	c	c	c	c
Lombardia	14.0	(2.9)	6.3	(1.3)	5.1	(1.1)	9.1	(3.2)	6.3	(1.3)	1.9	(0.6)	c	c	100.0	c	c	c
Marche	16.4	(3.5)	7.1	(2.3)	5.0	(1.0)	13.5	(3.3)	7.1	(2.3)	2.3	(0.7)	c	c	100.0	c	c	c
Molise	3.7	(1.0)	2.9	(1.1)	0.0	(0.0)	1.8	(0.9)	2.9	(1.1)	0.0	(0.0)	34.3	(4.7)	65.7	(4.7)	c	c
Piemonte	11.7	(2.4)	5.5	(0.8)	3.4	(0.8)	7.3	(2.1)	5.5	(0.8)	2.6	(0.7)	c	c	100.0	c	c	c
Puglia	3.7	(0.7)	0.3	(0.2)	1.1	(0.8)	1.8	(0.5)	0.3	(0.2)	0.8	(0.5)	c	c	c	c	c	c
Sardegna	3.3	(1.5)	1.1	(0.5)	1.2	(0.7)	3.1	(1.9)	1.1	(0.5)	0.8	(0.6)	100.0	c	c	c	c	c
Sicilia	2.7	(1.1)	0.9	(0.3)	1.1	(0.4)	2.4	(1.3)	0.9	(0.3)	0.3	(0.3)	c	c	c	c	c	c
Toscana	21.5	(2.6)	6.8	(1.6)	4.6	(1.1)	16.0	(2.2)	6.8	(1.6)	2.5	(0.9)	c	c	100.0	c	c	c
Trento	13.6	(2.6)	5.7	(1.3)	8.2	(1.8)	9.1	(2.4)	5.7	(1.3)	4.2	(1.4)	41.7	(19.0)	48.6	(18.2)	9.6	(10.0)
Umbria	22.0	(8.4)	6.6	(1.3)	6.2	(1.0)	10.7	(5.8)	6.6	(1.3)	2.4	(0.6)	c	c	c	c	c	c
Valle d'Aosta	7.1	(1.4)	3.2	(0.8)	c	c	5.5	(1.3)	3.2	(0.8)	c	c	58.3	(2.9)	41.7	(2.9)	c	c
Veneto	25.5	(4.0)	3.8	(1.0)	4.9	(0.9)	20.2	(2.9)	3.8	(1.0)	3.1	(0.9)	74.8	(21.7)	25.2	(21.7)	c	c
Mexico																		
Aguascalientes	2.5	(0.7)	0.0	(0.0)	0.2	(0.2)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	38.2	(20.1)	61.8	(20.1)	c	c
Baja California	c	c	0.0	(0.0)	1.5	(0.5)	c	c	0.0	(0.0)	0.0	(0.0)	32.0	(26.7)	68.0	(26.7)	c	c
Baja California Sur	3.9	(1.5)	0.0	(0.0)	0.8	(0.5)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	44.4	(21.5)	44.5	(22.0)	11.1	(11.1)
Campeche	11.7	(5.7)	0.1	(0.1)	0.5	(0.4)	1.5	(1.3)	0.1	(0.1)	0.0	(0.0)	78.0	(13.1)	22.0	(13.1)	c	c
Chiapas	2.8	(0.8)	0.0	(0.0)	c	c	0.8	(0.5)	0.0	(0.0)	c	c	100.0	c	c	c	c	c
Chihuahua	2.6	(1.5)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	52.1	(27.9)	47.9	(27.9)	c	c
Coahuila	2.2	(1.5)	0.0	(0.0)	0.4	(0.3)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	50.3	(19.6)	49.7	(19.6)	c	c
Colima	2.5	(1.0)	0.0	(0.0)	0.2	(0.2)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	48.6	(15.6)	51.4	(15.6)	c	c
Distrito Federal	c	c	0.0	(0.0)	3.3	(1.7)	c	c	0.0	(0.0)	0.6	(0.6)	c	c	c	c	c	c
Durango	2.8	(1.1)	0.0	(0.0)	0.2	(0.2)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	74.2	(11.9)	25.8	(11.9)	c	c
Guanajuato	0.8	(0.3)	0.0	(0.0)	0.5	(0.4)	0.3	(0.3)	0.0	(0.0)	0.0	(0.0)	100.0	c	c	c	c	c
Guerrero	2.9	(0.9)	0.4	(0.4)	0.0	(0.0)	1.4	(0.7)	0.4	(0.4)	0.0	(0.0)	95.0	(4.4)	5.0	(4.4)	c	c
Hidalgo	1.2	(0.5)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	88.4	(9.4)	11.6	(9.4)	c	c
Jalisco	0.8	(0.5)	0.0	(0.0)	0.7	(0.4)	0.4	(0.3)	0.0	(0.0)	0.0	(0.0)	100.0	c	c	c	c	c
Mexico	0.3	(0.3)	0.0	(0.0)	0.9	(0.6)	0.0	(0.0)	0.0	(0.0)	0.5	(0.5)	62.7	(22.4)	37.3	(22.4)	c	c
Morelos	0.8	(0.6)	0.0	(0.0)	1.0	(0.6)	0.0	(0.0)	0.0	(0.0)	0.3	(0.3)	42.4	(21.7)	57.6	(21.7)	c	c
Nayarit	0.2	(0.2)	0.6	(0.5)	0.9	(0.8)	0.0	(0.0)	0.6	(0.5)	0.0	(0.0)	72.1	(12.2)	27.9	(12.2)	c	c
Nuevo León	c	c	0.0	(0.0)	1.2	(0.6)	c	c	0.0	(0.0)	0.4	(0.3)	100.0	c	c	c	c	c
Puebla	2.0	(1.0)	0.0	(0.0)	0.0	(0.0)	1.2	(0.7)	0.0	(0.0)	0.0	(0.0)	94.6	(5.8)	c	c	5.4	(5.8)
Querétaro	0.7	(0.5)	0.0	(0.0)	0.3	(0.3)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	88.3	(11.4)	c	c	11.7	(11.4)
Quintana Roo	2.9	(0.6)	0.0	(0.0)	3.0	(0.9)	1.3	(0.7)	0.0	(0.0)	0.6	(0.3)	81.7	(17.2)	18.3	(17.2)	c	c
San Luis Potosí	1.7	(1.0)	0.0	(0.0)	0.0	(0.0)	0.3	(0.2)	0.0	(0.0)	0.0	(0.0)	86.7	(7.4)	13.3	(7.4)	c	c
Sinaloa	0.6	(0.4)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	86.3	(10.3)	13.7	(10.3)	c	c
Tabasco	2.3	(1.1)	0.0	(0.0)	0.2	(0.2)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	59.2	(18.5)	40.8	(18.5)	c	c
Tamaulipas	2.9	(1.3)	0.0	(0.0)	1.2	(0.5)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	72.4	(22.3)	27.6	(22.3)	c	c
Tlaxcala	1.8	(0.7)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	89.5	(9.9)	c	c	10.5	(9.9)
Veracruz	1.4	(1.0)	0.0	(0.0)	0.2	(0.3)	0.2	(0.2)	0.0	(0.0)	0.0	(0.0)	100.0	c	c	c	c	c
Yucatán	3.2	(1.1)	0.2	(0.3)	0.9	(0.8)	0.9	(0.5)	0.2	(0.3)	0.0	(0.0)	86.5	(12.2)	13.5	(12.2)	c	c
Zacatecas	2.1	(0.6)	0.0	(0.0)	0.6	(0.4)	0.0	(0.0)	0.0	(0.0)	0.3	(0.3)	77.0	(8.4)	23.0	(8.4)	c	c

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.4.2 for national data.

1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. Advantaged (disadvantaged) schools are those where the typical student in the school, or the socio-economic profile of the school, is above (below) the ESCS of the typical student in the country, the country mean ESCS. In each school, a random sample of 35 students are to take part in PISA (for more details see the *PISA 2012 Technical Report* [OECD, forthcoming]). The socio-economic profile of the school is calculated using the information provided by these students. Therefore, the precision of the estimate depends on the number of students that actually take the test in the school and the diversity of their answers. This precision was taken into account when classifying schools as advantaged, disadvantaged or average. If the difference between the school socio-economic profile and the ESCS of the typical student in the country (the mean ESCS at the country level) was not statistically significant, the school was classified as a school with an average socio-economic profile. If the school profile was statistically significantly above the country mean, the school is classified as a socio-economically advantaged school. If the profile was below the country mean, the school is classified as a socio-economically disadvantaged school.

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[Part 4/8]

Mathematics performance and student population, by schools' socio-economic profile and regionTable B2.II.15 *Results based on students' self-reports*

	Percentage of immigrant students						Percentage of immigrant students who do not speak the language of assessment at home						Percentage of students in rural schools (schools located in a village, hamlet or rural area; fewer than 3 000 people)					
	Socio-economically disadvantaged schools ²		Socio-economically advantaged schools ²		Socio-economically advantaged schools ²		Socio-economically disadvantaged schools ²		Socio-economically advantaged schools ²		Socio-economically disadvantaged schools ²		Socio-economically advantaged schools ²		Socio-economically disadvantaged schools ²		Socio-economically advantaged schools ²	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																		
Portugal																		
Alentejo	6.8	(1.7)	3.2	(1.2)	2.0	(1.0)	3.4	(1.6)	3.2	(1.2)	1.5	(0.7)	16.7	(22.7)	83.3	(22.7)	c	c
Spain																		
Andalusia*	4.4	(1.2)	0.2	(0.2)	1.4	(1.0)	2.1	(0.6)	0.2	(0.2)	0.3	(0.3)	100.0	c	c	c	c	c
Aragon*	20.9	(3.1)	5.0	(0.8)	4.3	(1.2)	11.8	(3.0)	5.0	(0.8)	1.7	(0.7)	86.7	(14.3)	13.3	(14.3)	c	c
Asturias*	6.9	(1.9)	1.3	(0.4)	6.3	(1.3)	2.7	(0.9)	1.3	(0.4)	0.7	(0.3)	40.5	(34.3)	59.5	(34.3)	c	c
Balearic Islands*	36.7	(5.5)	12.2	(1.8)	8.6	(2.7)	22.7	(3.7)	12.2	(1.8)	5.3	(2.5)	c	c	c	c	c	c
Basque Country*	37.9	(6.5)	2.1	(0.4)	2.1	(0.4)	12.4	(3.6)	2.1	(0.4)	0.5	(0.2)	c	c	18.9	(18.7)	81.1	(18.7)
Cantabria*	9.3	(2.5)	3.0	(0.5)	6.0	(1.4)	2.1	(0.9)	3.0	(0.5)	0.9	(0.6)	18.0	(14.7)	82.0	(14.7)	c	c
Castile and Leon*	6.9	(2.0)	3.8	(1.0)	2.7	(1.1)	1.0	(0.7)	3.8	(1.0)	1.2	(0.6)	55.9	(26.4)	44.1	(26.4)	c	c
Catalonia*	26.2	(5.4)	10.7	(1.8)	7.5	(2.0)	25.2	(5.6)	10.7	(1.8)	7.3	(2.1)	c	c	100.0	c	c	c
Extremadura*	2.3	(0.7)	2.7	(1.2)	2.9	(0.7)	0.7	(0.3)	2.7	(1.2)	0.8	(0.5)	100.0	c	c	c	c	c
Galicia*	4.5	(1.5)	1.7	(0.4)	4.7	(1.1)	1.4	(0.7)	1.7	(0.4)	0.7	(0.2)	100.0	c	c	c	c	c
La Rioja*	23.3	(2.6)	7.3	(1.1)	8.1	(1.2)	8.4	(1.5)	7.3	(1.1)	2.5	(0.9)	7.5	(0.3)	92.5	(0.3)	c	c
Madrid*	33.3	(9.2)	6.1	(1.1)	6.7	(1.2)	8.2	(4.0)	6.1	(1.1)	1.2	(0.4)	c	c	c	c	c	c
Murcia*	18.0	(2.6)	3.5	(1.1)	c	c	6.5	(1.6)	3.5	(1.1)	c	c	100.0	c	c	c	c	c
Navarre*	23.5	(3.2)	2.2	(0.6)	6.7	(1.3)	5.8	(1.2)	2.2	(0.6)	1.0	(0.5)	60.0	(20.1)	40.0	(20.1)	c	c
United Kingdom																		
England	24.1	(3.3)	3.5	(0.8)	15.5	(2.9)	11.9	(1.9)	3.5	(0.8)	7.5	(2.0)	8.8	(8.1)	46.3	(12.4)	44.9	(12.4)
Northern Ireland	4.4	(1.3)	2.2	(0.7)	4.1	(0.9)	3.5	(1.1)	2.2	(0.7)	2.1	(0.7)	41.4	(18.2)	44.1	(18.2)	14.5	(13.2)
Scotland*	8.3	(1.9)	1.8	(0.4)	12.5	(2.2)	2.7	(0.9)	1.8	(0.4)	3.0	(0.8)	19.9	(15.3)	51.1	(25.7)	29.1	(25.4)
Wales	5.1	(1.7)	2.1	(0.5)	2.2	(0.9)	2.9	(1.1)	2.1	(0.5)	0.9	(0.5)	23.9	(13.0)	61.1	(13.5)	15.0	(9.0)
United States																		
Connecticut*	24.8	(3.2)	9.0	(1.5)	8.4	(1.7)	13.5	(2.4)	9.0	(1.5)	4.3	(1.5)	c	c	c	c	c	c
Florida*	36.6	(6.7)	10.0	(2.0)	15.7	(2.1)	19.4	(3.0)	10.0	(2.0)	7.1	(2.3)	c	c	100.0	c	c	c
Massachusetts*	45.1	(6.3)	5.6	(1.3)	8.0	(1.6)	24.9	(4.3)	5.6	(1.3)	2.4	(1.0)	c	c	c	c	c	c
Partners																		
Argentina																		
Ciudad Autónoma de Buenos Aires*	42.1	(5.1)	1.4	(0.7)	3.6	(0.7)	5.2	(1.9)	1.4	(0.7)	0.9	(0.4)	c	c	c	c	c	c
Brazil																		
Acre	0.8	(0.7)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	c	c	c	c	c	c
Alagoas	0.0	(0.0)	c	c	c	c	0.0	(0.0)	c	c	c	c	100.0	c	c	c	c	c
Amapá	c	c	0.0	(0.0)	0.0	(0.0)	c	c	0.0	(0.0)	0.0	(0.0)	c	c	c	c	c	c
Amazonas	c	c	0.0	(0.0)	0.0	(0.0)	c	c	0.0	(0.0)	0.0	(0.0)	c	c	c	c	c	c
Bahia	0.8	(0.5)	c	c	c	c	0.0	(0.0)	c	c	c	c	c	c	c	c	c	c
Ceará	0.2	(0.2)	c	c	c	c	0.0	(0.0)	c	c	c	c	100.0	c	c	c	c	c
Espírito Santo	0.0	(0.0)	0.0	(0.0)	c	c	0.0	(0.0)	0.0	(0.0)	c	c	100.0	c	c	c	c	c
Federal District	c	c	0.0	(0.0)	0.6	(0.5)	c	c	0.0	(0.0)	0.0	(0.0)	100.0	c	c	c	c	c
Goiás	0.0	(0.0)	0.0	(0.0)	c	c	0.0	(0.0)	0.0	(0.0)	c	c	100.0	c	c	c	c	c
Maranhão	0.7	(0.7)	0.0	(0.0)	c	c	0.0	(0.0)	0.0	(0.0)	c	c	c	c	c	c	c	c
Mato Grosso	0.8	(0.5)	0.0	(0.0)	c	c	0.0	(0.0)	0.0	(0.0)	c	c	c	c	c	c	c	c
Mato Grosso do Sul	0.6	(0.5)	1.1	(0.9)	0.7	(1.2)	0.0	(0.0)	1.1	(0.9)	0.0	(0.0)	c	c	c	c	c	c
Minas Gerais	0.0	(0.0)	0.0	(0.0)	2.3	(2.8)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	100.0	c	c	c	c	c
Pará	0.0	(0.0)	0.0	(0.0)	c	c	0.0	(0.0)	0.0	(0.0)	c	c	c	c	c	c	c	c
Paraíba	0.3	(0.3)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	c	c	100.0	c	c	c
Paraná	0.5	(0.5)	0.2	(0.2)	2.5	(0.5)	0.0	(0.0)	0.2	(0.2)	1.7	(1.0)	c	c	c	c	c	c
Pernambuco	0.6	(0.4)	0.0	(0.0)	c	c	0.0	(0.0)	0.0	(0.0)	c	c	c	c	c	c	c	c
Piauí	0.0	(0.0)	0.0	(0.0)	c	c	0.0	(0.0)	0.0	(0.0)	c	c	100.0	c	c	c	c	c
Rio de Janeiro	c	c	0.0	(0.0)	0.9	(0.6)	c	c	0.0	(0.0)	0.9	(0.6)	c	c	c	c	c	c
Rio Grande do Norte	0.3	(0.4)	0.0	(0.0)	0.5	(0.5)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	c	c	c	c	c	c
Rio Grande do Sul	0.3	(0.3)	0.0	(0.0)	0.0	(0.0)	0.3	(0.3)	0.0	(0.0)	0.0	(0.0)	c	c	100.0	c	c	c
Rondônia	2.3	(0.7)	0.0	(0.0)	c	c	0.0	(0.0)	0.0	(0.0)	c	c	100.0	c	c	c	c	c
Roraima	6.7	(2.5)	0.3	(0.2)	0.5	(0.6)	0.5	(0.5)	0.3	(0.2)	0.5	(0.6)	c	c	100.0	c	c	c
Santa Catarina	3.0	(1.8)	0.0	(0.0)	c	c	0.0	(0.0)	0.0	(0.0)	c	c	100.0	c	c	c	c	c
São Paulo	0.6	(0.4)	0.3	(0.2)	1.2	(0.9)	0.0	(0.0)	0.3	(0.2)	0.7	(0.6)	c	c	c	c	c	c
Sergipe	0.6	(0.6)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	c	c	c	c	c	c
Tocantins	0.6	(0.4)	0.0	(0.0)	0.6	(0.8)	0.0	(0.0)	0.0	(0.0)	0.6	(0.8)	c	c	100.0	c	c	c
Colombia																		
Bogotá	1.0	(1.0)	0.0	(0.0)	0.2	(0.2)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	c	c	100.0	c	c	c
Cali	c	c	0.0	(0.0)	0.1	(0.1)	c	c	0.0	(0.0)	0.0	(0.0)	c	c	c	c	c	c
Manizales	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	65.5	(20.5)	c	c	34.5	(20.5)
Medellín	1.2	(0.9)	0.0	(0.0)	0.2	(0.2)	0.0	(0.0)	0.0	(0.0)	0.2	(0.2)	c	c	100.0	c	c	c
Russian Federation																		
Perm Territory region*	8.5	(1.6)	0.4	(0.2)	5.2	(0.6)	0.2	(0.2)	0.4	(0.2)	0.4	(0.3)	65.5	(15.7)	34.5	(15.7)	c	c
United Arab Emirates																		
Abu Dhabi*	45.5	(3.4)	19.7	(3.8)	55.8	(5.5)	13.0	(3.7)	19.7	(3.8)	26.2	(4.5)	73.7	(11.7)	9.0	(9.5)	17.3	(4.9)
Ajman	55.0	(5.8)	5.4	(3.1)	c	c	13.4	(3.1)	5.4	(3.1)	c	c	58.7	(6.6)	41.3	(6.6)	c	c
Dubai*	50.0	(1.4)	40.9	(1.1)	76.9	(0.6)	29.7	(1.1)	40.9	(1.1)	37.2	(1.2)	14.2	(0.1)	68.1	(0.3)	17.7	(0.3)
Fujairah	10.4	(3.0)	29.6	(6.9)	c	c	4.3	(3.0)	29.6	(6.9)	c	c	66.1	(26.4)	c	c	33.9	(26.4)
Ras al-Khaimah	36.7	(7.6)	2.3	(0.9)	58.1	(12.5)	21.3	(5.6)	2.3	(0.9)	15.4	(7.7)	51.0	(24.7)	30.4	(20.6)	18.5	(18.7)
Sharjah	c	c	30.4	(7.9)	68.4	(10.6)	c	c	30.4	(7.9)	31.0	(8.3)	66.6	(29.9)	c	c	33.4	(29.9)
Umm al-Quwain	36.2	(2.8)	1.8	(1.0)	c	c	13.7	(2.0)	1.8	(1.0)	c	c	69.6	(0.8)	30.4	(0.8)	c	c

* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.4.2 for national data.

1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. Advantaged (disadvantaged) schools are those where the typical student in the school, or the socio-economic profile of the school, is above (below) the ESCS of the typical student in the country, the country mean ESCS. In each school, a random sample of 35 students are to take part in PISA (for more details see the *PISA 2012 Technical Report* [OECD, forthcoming]). The socio-economic profile of the school is calculated using the information provided by these students. Therefore, the precision of the estimate depends on the number of students that actually take the test in the school and the diversity of their answers. This precision was taken into account when classifying schools as advantaged, disadvantaged or average. If the difference between the school socio-economic profile and the ESCS of the typical student in the country (the mean ESCS at the country level) was not statistically significant, the school was classified as a school with an average socio-economic profile. If the school profile was statistically significantly above the country mean, the school is classified as a socio-economically advantaged school. If the profile was below the country mean, the school is classified as a socio-economically disadvantaged school.

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[Part 5/8]

Mathematics performance and student population, by schools' socio-economic profile and regionTable B2.II.15 *Results based on students' self-reports*

	Percentage of students in attending schools located in a city or large city (over 100 000 people)						Difference in performance between students in socio-economically average versus disadvantaged schools				Difference in performance between students in socio-economically advantaged versus average schools			
	Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²		Before accounting for student's ESCS ¹		After accounting for student's ESCS ¹		Before accounting for student's ESCS ¹		After accounting for student's ESCS ¹	
	%	S.E.	%	S.E.	%	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia													
	c	c	31.5	(0.9)	68.5	(0.9)	c	c	c	c	50	(5.7)	27	(6.8)
	17.4	(2.9)	47.0	(4.5)	35.5	(4.4)	48	(8.2)	28	(7.9)	63	(11.1)	44	(11.7)
	37.5	(7.4)	46.4	(8.9)	16.1	(15.3)	51	(18.0)	16	(15.2)	c	c	c	c
	21.0	(3.8)	49.7	(5.4)	29.2	(4.2)	49	(6.1)	32	(6.1)	49	(6.3)	34	(6.4)
	21.7	(3.9)	53.1	(5.0)	25.2	(3.5)	30	(7.2)	15	(8.0)	55	(10.4)	39	(9.9)
	20.4	(1.7)	61.6	(2.0)	17.9	(1.2)	38	(6.4)	20	(7.1)	61	(8.3)	40	(8.7)
	12.6	(2.6)	57.9	(4.8)	29.6	(4.4)	32	(7.7)	18	(7.4)	59	(9.1)	46	(9.1)
	25.6	(3.6)	36.7	(5.3)	37.7	(5.0)	42	(8.0)	29	(7.8)	52	(8.2)	35	(8.2)
	Belgium													
	33.8	(8.3)	26.6	(9.0)	39.6	(10.8)	68	(8.8)	51	(8.9)	84	(7.6)	70	(7.9)
	37.1	(8.2)	22.6	(5.8)	40.3	(8.4)	79	(7.3)	65	(7.0)	56	(7.5)	41	(7.2)
	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Canada													
	11.2	(3.9)	52.2	(6.3)	36.6	(5.7)	29	(18.4)	20	(18.5)	63	(8.1)	49	(8.2)
	17.4	(6.1)	44.5	(8.6)	38.1	(7.2)	15	(9.9)	4	(9.4)	35	(8.2)	22	(8.0)
	24.8	(2.4)	52.3	(2.4)	22.9	(2.5)	32	(8.6)	16	(8.0)	40	(8.4)	20	(7.5)
	9.1	(0.9)	46.8	(1.7)	44.0	(1.8)	9	(5.6)	2	(5.4)	42	(8.6)	32	(8.5)
	c	c	37.8	(2.7)	62.2	(2.7)	51	(8.0)	32	(6.2)	28	(6.7)	12	(6.2)
	9.4	(1.4)	49.9	(5.0)	40.8	(4.1)	11	(8.3)	1	(6.9)	16	(11.5)	7	(11.3)
	25.3	(5.1)	41.2	(6.4)	33.6	(5.6)	22	(8.3)	6	(8.5)	37	(8.5)	24	(8.5)
	c	c	c	c	c	c	6	(5.6)	-1	(5.1)	c	c	c	c
	23.6	(5.1)	44.2	(5.6)	32.2	(5.1)	28	(8.0)	17	(7.3)	62	(8.0)	46	(7.9)
	9.3	(2.1)	59.7	(2.9)	31.0	(3.0)	16	(8.9)	6	(9.2)	16	(5.7)	2	(5.6)
	Italy													
	25.2	(13.0)	47.9	(12.4)	26.9	(5.0)	35	(20.8)	30	(20.1)	80	(13.9)	70	(14.5)
	c	c	c	c	c	c	49	(9.6)	43	(10.1)	51	(11.2)	43	(10.3)
	10.6	(0.8)	51.8	(1.1)	37.6	(1.2)	51	(4.8)	45	(4.5)	49	(5.4)	44	(6.0)
	16.9	(13.4)	49.5	(17.9)	33.6	(17.4)	49	(14.5)	40	(14.5)	53	(16.8)	47	(15.7)
	23.5	(10.3)	38.7	(13.0)	37.8	(11.1)	59	(12.9)	53	(12.7)	58	(14.1)	54	(14.7)
	21.0	(8.7)	44.3	(11.4)	34.7	(7.6)	62	(13.1)	54	(12.7)	79	(12.3)	71	(12.7)
	23.6	(15.0)	18.2	(7.9)	58.2	(12.6)	53	(23.6)	47	(22.5)	51	(11.9)	47	(12.0)
	3.5	(1.1)	24.9	(9.1)	71.6	(9.0)	50	(11.8)	49	(11.7)	75	(13.0)	73	(13.8)
	16.5	(8.2)	33.9	(10.2)	49.6	(10.6)	60	(10.8)	51	(10.3)	67	(11.7)	59	(12.6)
	15.4	(10.5)	52.9	(13.7)	31.7	(10.2)	31	(16.3)	25	(17.3)	69	(11.8)	62	(12.6)
	35.9	(25.7)	24.5	(22.3)	39.6	(24.7)	65	(15.1)	62	(15.3)	39	(15.8)	33	(15.9)
	c	c	c	c	c	c	34	(5.3)	28	(5.3)	70	(6.1)	67	(6.5)
	c	c	61.1	(16.0)	38.9	(16.0)	52	(11.5)	47	(11.5)	51	(12.0)	44	(12.3)
	43.6	(11.6)	24.3	(11.6)	32.1	(7.4)	69	(12.3)	56	(11.6)	23	(12.1)	16	(12.0)
	22.3	(11.1)	30.6	(13.0)	47.1	(13.5)	55	(16.6)	47	(16.2)	66	(10.9)	57	(12.0)
	23.0	(9.6)	52.9	(13.5)	24.0	(11.0)	47	(12.0)	39	(12.5)	56	(12.4)	48	(11.9)
	10.7	(10.2)	34.0	(15.9)	55.3	(12.8)	68	(18.7)	62	(19.3)	47	(15.8)	40	(15.6)
	7.0	(7.2)	44.7	(8.9)	48.3	(8.3)	73	(12.2)	66	(12.0)	33	(10.1)	30	(10.4)
	1.5	(1.4)	39.2	(8.6)	59.3	(8.4)	85	(14.8)	84	(15.5)	52	(11.4)	48	(11.3)
	c	c	c	c	c	c	12	(5.7)	6	(6.3)	c	c	c	c
	20.8	(10.7)	45.4	(12.7)	33.8	(10.5)	80	(11.9)	73	(11.9)	46	(15.7)	46	(15.3)
	Mexico													
	5.7	(5.9)	34.0	(6.6)	60.3	(4.0)	41	(10.7)	36	(10.1)	28	(9.4)	13	(8.9)
	3.1	(2.3)	37.8	(8.7)	59.1	(9.2)	c	c	c	c	26	(18.9)	18	(17.8)
	7.7	(5.7)	25.5	(10.8)	66.7	(11.1)	29	(13.9)	24	(13.8)	37	(13.8)	25	(12.9)
	c	c	63.7	(10.2)	36.3	(10.2)	17	(11.1)	7	(11.4)	42	(17.2)	28	(17.6)
	34.4	(18.3)	38.9	(22.4)	26.7	(18.2)	46	(12.8)	51	(14.1)	c	c	c	c
	17.7	(10.0)	37.2	(11.8)	45.1	(10.4)	18	(21.0)	12	(20.0)	56	(14.8)	45	(14.1)
	14.5	(10.2)	28.7	(10.6)	56.9	(12.7)	16	(16.4)	11	(17.7)	48	(12.5)	36	(11.1)
	c	c	24.0	(5.6)	76.0	(5.6)	48	(10.5)	49	(10.9)	46	(14.0)	36	(12.3)
	6.0	(4.7)	45.7	(8.3)	48.3	(6.4)	c	c	c	c	50	(8.7)	41	(9.2)
	c	c	35.3	(13.2)	64.7	(13.2)	24	(14.3)	21	(13.9)	36	(15.4)	23	(15.6)
	18.8	(11.1)	32.7	(13.4)	48.5	(9.4)	29	(10.6)	21	(10.9)	47	(10.0)	42	(12.6)
	17.5	(14.7)	66.0	(17.1)	16.5	(12.5)	32	(11.4)	26	(11.1)	18	(18.5)	15	(17.4)
	25.8	(21.6)	41.8	(24.3)	32.4	(20.8)	25	(17.0)	15	(17.5)	51	(18.4)	39	(16.3)
	13.9	(12.9)	32.5	(7.2)	53.6	(12.4)	13	(13.8)	11	(15.0)	40	(11.3)	35	(10.1)
	c	c	39.2	(13.3)	60.8	(13.3)	12	(14.2)	8	(14.3)	32	(16.1)	25	(13.1)
	c	c	41.2	(14.8)	58.8	(14.8)	44	(15.8)	40	(16.8)	62	(12.6)	41	(9.4)
	c	c	33.0	(11.9)	67.0	(11.9)	17	(18.4)	2	(18.0)	47	(10.3)	40	(10.7)
	1.3	(1.3)	33.6	(9.4)	65.1	(9.5)	c	c	c	c	57	(7.5)	45	(7.7)
	10.6	(11.3)	24.8	(16.6)	64.6	(13.6)	40	(13.6)	24	(13.7)	22	(10.9)	11	(11.6)
	c	c	30.1	(14.1)	69.9	(14.1)	23	(13.4)	11	(13.9)	34	(10.9)	20	(13.5)
	12.4	(5.7)	31.6	(13.0)	56.0	(12.9)	10	(11.4)	4	(10.6)	57	(8.8)	48	(8.7)
	22.1	(12.3)	27.7	(9.4)	50.2	(13.5)	30	(9.4)	23	(9.1)	57	(10.8)	40	(10.5)
	2.3	(2.4)	49.0	(8.6)	48.7	(8.2)	-11	(11.5)	-15	(11.5)	57	(7.7)	52	(7.6)
	c	c	11.3	(10.3)	88.7	(10.3)	17	(11.3)	12	(10.9)	45	(12.6)	38	(11.5)
	6.5	(5.0)	44.8	(12.3)	48.7	(11.1)	11	(15.4)	5	(18.1)	47	(13.0)	38	(11.7)
	c	c	c	c	100.0	c	41	(6.9)	36	(6.5)	18	(7.7)	10	(8.6)
	11.7	(10.6)	c	c	88.3	(10.6)	23	(16.6)	11	(17.5)	27	(22.5)	9	(18.3)
	8.6	(8.4)	27.1	(12.1)	64.4	(13.6)	19	(10.8)	11	(11.0)	34	(15.7)	16	(16.9)
	c	c	36.7	(16.1)	63.3	(16.1)	33	(10.4)	22	(11.2)	35	(9.1)	27	(9.2)


* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.4.2 for national data.

1. ESCS refers to the PISA index of economic, social and cultural status.

2. Advantaged (disadvantaged) schools are those where the typical student in the school, or the socio-economic profile of the school, is above (below) the ESCS of the typical student in the country, the country mean ESCS. In each school, a random sample of 35 students are to take part in PISA (for more details see the PISA 2012 Technical Report [OECD, forthcoming]). The socio-economic profile of the school is calculated using the information provided by these students. Therefore, the precision of the estimate depends on the number of students that actually take the test in the school and the diversity of their answers. This precision was taken into account when classifying schools as advantaged, disadvantaged or average. If the difference between the school socio-economic profile and the ESCS of the typical student in the country (the mean ESCS at the country level) was not statistically significant, the school was classified as a school with an average socio-economic profile. If the school profile was statistically significantly above the country mean, the school is classified as a socio-economically advantaged school. If the profile was below the country mean, the school is classified as a socio-economically disadvantaged school.

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[Part 6/8]

Mathematics performance and student population, by schools' socio-economic profile and regionTable B2.II.15 *Results based on students' self-reports*

	Percentage of students in attending schools located in a city or large city (over 100 000 people)						Difference in performance between students in socio-economically average versus disadvantaged schools				Difference in performance between students in socio-economically advantaged versus average schools			
	Socio-economically disadvantaged schools ²		Socio-economically average schools ²		Socio-economically advantaged schools ²		Before accounting for student's ESCS ¹		After accounting for student's ESCS		Before accounting for student's ESCS		After accounting for student's ESCS	
	%	S.E.	%	S.E.	%	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD														
Portugal														
Alentejo	c	c	c	c	100.0	c	75	(16.9)	58	(16.9)	38	(13.2)	21	(14.5)
Spain														
Andalusia*	12.0	(8.5)	53.4	(14.1)	34.6	(12.7)	36	(8.8)	20	(9.1)	19	(10.1)	-3	(8.2)
Aragon*	9.7	(5.4)	48.0	(8.6)	42.3	(7.6)	39	(10.8)	23	(10.2)	38	(10.1)	16	(8.7)
Asturias*	10.5	(5.9)	30.1	(8.5)	59.3	(9.6)	27	(16.0)	13	(15.9)	47	(8.0)	24	(5.8)
Balearic Islands*	23.3	(11.0)	33.9	(11.2)	42.8	(10.8)	43	(10.5)	27	(10.2)	33	(9.8)	17	(9.2)
Basque Country*	14.5	(2.3)	29.8	(4.9)	55.7	(5.4)	57	(11.2)	42	(10.4)	28	(4.7)	13	(4.4)
Cantabria*	c	c	63.0	(11.5)	37.0	(11.5)	2	(10.4)	-11	(10.1)	39	(8.2)	17	(7.2)
Castile and Leon*	4.0	(3.8)	22.3	(9.3)	73.7	(9.7)	6	(8.5)	-8	(7.7)	34	(8.8)	15	(9.2)
Catalonia*	29.7	(10.4)	27.1	(8.9)	43.2	(11.1)	34	(8.5)	20	(8.6)	47	(9.7)	29	(8.9)
Extremadura*	28.9	(20.4)	13.5	(12.6)	57.6	(21.9)	17	(8.0)	1	(8.7)	63	(8.1)	40	(7.3)
Galicia*	7.8	(7.3)	40.1	(10.5)	52.1	(11.3)	15	(9.3)	6	(9.2)	38	(8.1)	22	(8.8)
La Rioja*	9.8	(0.2)	37.8	(0.7)	52.4	(0.6)	19	(6.0)	6	(6.0)	47	(5.1)	25	(5.5)
Madrid*	14.8	(7.6)	49.4	(8.9)	35.9	(6.8)	38	(12.9)	21	(11.6)	31	(8.6)	9	(9.0)
Murcia*	10.8	(10.2)	67.4	(16.7)	21.8	(15.0)	33	(11.2)	15	(11.0)	c	c	c	c
Navarre*	11.1	(5.1)	61.0	(7.0)	27.9	(6.1)	18	(5.9)	3	(5.9)	37	(6.8)	16	(7.7)
United Kingdom														
England	28.0	(7.1)	43.5	(7.7)	28.6	(5.7)	40	(11.0)	24	(9.2)	64	(7.9)	46	(7.3)
Northern Ireland	34.8	(10.1)	35.6	(10.4)	29.6	(6.9)	57	(8.0)	49	(7.7)	91	(8.1)	79	(8.0)
Scotland*	39.9	(8.9)	30.7	(8.2)	29.3	(6.0)	37	(6.1)	24	(5.6)	44	(8.2)	23	(7.6)
Wales	35.9	(5.3)	47.7	(6.6)	16.4	(4.5)	33	(5.3)	19	(5.1)	35	(6.1)	21	(5.7)
United States														
Connecticut*	59.9	(16.2)	40.1	(16.2)	c	c	55	(12.5)	32	(10.8)	53	(9.4)	29	(9.4)
Florida*	26.0	(9.0)	39.9	(8.7)	34.1	(11.0)	34	(7.6)	20	(7.3)	45	(11.9)	30	(10.8)
Massachusetts*	77.4	(14.6)	22.6	(14.6)	c	c	40	(11.0)	22	(10.3)	62	(12.4)	35	(10.7)
Partners														
Argentina														
Ciudad Autónoma de Buenos Aires*	21.2	(6.3)	20.0	(5.7)	58.7	(5.2)	61	(28.4)	54	(25.6)	79	(17.4)	54	(17.0)
Brazil														
Acre	27.6	(19.4)	37.8	(15.9)	34.6	(10.8)	16	(9.7)	9	(9.5)	47	(17.2)	31	(14.9)
Alagoas	4.4	(4.0)	32.0	(18.9)	63.6	(18.1)	c	c	c	c	c	c	c	c
Amapá	c	c	48.5	(10.6)	51.5	(10.6)	c	c	c	c	53	(12.2)	41	(9.0)
Amazonas	c	c	75.5	(13.8)	24.5	(13.8)	c	c	c	c	51	(22.5)	40	(18.9)
Bahia	c	c	51.3	(31.5)	48.7	(31.5)	c	c	c	c	c	c	c	c
Ceará	41.3	(10.1)	18.8	(12.4)	39.9	(10.9)	c	c	c	c	c	c	c	c
Espírito Santo	26.5	(13.2)	33.7	(14.8)	39.8	(7.3)	-10	(14.3)	-16	(14.2)	c	c	c	c
Federal District	0.6	(0.7)	45.4	(11.2)	54.0	(11.0)	c	c	c	c	100	(18.5)	74	(15.9)
Goiás	21.2	(14.1)	45.6	(16.6)	33.1	(12.6)	26	(11.5)	19	(10.5)	c	c	c	c
Maranhão	c	c	58.4	(19.6)	41.6	(19.6)	6	(16.2)	2	(16.9)	c	c	c	c
Mato Grosso	c	c	80.9	(4.6)	19.1	(4.6)	2	(16.1)	-2	(16.1)	c	c	c	c
Mato Grosso do Sul	23.1	(10.0)	8.4	(7.7)	68.5	(12.0)	12	(13.1)	8	(12.5)	73	(12.3)	47	(10.9)
Minas Gerais	20.4	(12.4)	34.6	(8.8)	45.0	(10.4)	11	(8.3)	6	(8.5)	69	(15.7)	54	(10.8)
Pará	1.1	(1.1)	58.3	(25.2)	40.6	(25.2)	26	(17.6)	21	(17.0)	c	c	c	c
Paraíba	10.0	(7.7)	20.3	(8.8)	69.7	(8.0)	23	(15.6)	10	(16.4)	72	(18.0)	55	(15.4)
Paraná	6.8	(6.4)	59.0	(15.4)	34.2	(14.9)	21	(12.0)	13	(11.1)	92	(39.8)	62	(24.4)
Pernambuco	44.2	(15.8)	49.1	(18.5)	6.8	(5.7)	30	(11.5)	20	(12.4)	c	c	c	c
Piauí	19.4	(13.5)	30.6	(12.7)	49.9	(14.8)	14	(13.9)	8	(13.1)	c	c	c	c
Rio de Janeiro	c	c	73.7	(6.8)	26.3	(6.8)	c	c	c	c	82	(15.6)	68	(12.2)
Rio Grande do Norte	15.1	(16.2)	40.1	(16.9)	44.8	(11.3)	8	(10.8)	3	(10.1)	127	(27.1)	100	(29.0)
Rio Grande do Sul	31.2	(14.7)	16.5	(13.1)	52.3	(14.5)	16	(16.9)	10	(16.9)	31	(15.2)	23	(17.3)
Rondônia	19.2	(16.0)	40.8	(24.5)	40.0	(25.7)	13	(13.2)	5	(12.3)	c	c	c	c
Roraima	21.8	(13.1)	47.6	(12.0)	30.6	(5.4)	15	(9.7)	11	(9.4)	91	(7.1)	72	(8.3)
Santa Catarina	c	c	60.2	(15.4)	39.8	(15.4)	29	(23.9)	20	(22.4)	c	c	c	c
São Paulo	9.1	(4.8)	45.2	(6.8)	45.7	(6.4)	6	(8.5)	3	(8.1)	68	(12.0)	51	(10.5)
Sergipe	8.6	(8.6)	48.5	(13.5)	42.9	(12.6)	19	(11.1)	16	(12.0)	53	(23.9)	46	(23.9)
Tocantins	18.8	(11.3)	21.5	(21.4)	59.6	(23.2)	9	(13.8)	3	(14.5)	84	(13.9)	72	(14.1)
Colombia														
Bogotá	9.8	(2.9)	52.6	(8.5)	37.7	(8.4)	28	(8.5)	22	(8.9)	29	(7.8)	20	(6.7)
Cali	8.2	(4.2)	41.2	(7.0)	50.5	(7.7)	c	c	c	c	57	(7.7)	45	(7.5)
Manizales	10.1	(2.3)	26.6	(6.6)	63.3	(7.1)	26	(5.3)	15	(6.4)	47	(8.4)	26	(6.9)
Medellín	13.6	(4.3)	40.0	(7.5)	46.4	(7.2)	14	(8.6)	9	(8.6)	72	(13.2)	39	(9.8)
Russian Federation														
Perm Territory region*	8.4	(5.7)	55.0	(10.0)	36.5	(8.8)	42	(11.2)	31	(11.6)	56	(14.8)	44	(14.3)
United Arab Emirates														
Abu Dhabi*	13.8	(4.2)	36.7	(4.9)	49.5	(4.7)	31	(9.3)	24	(8.6)	50	(11.3)	40	(10.9)
Ajman	49.4	(12.4)	50.6	(12.4)	c	c	37	(15.2)	27	(15.4)	c	c	c	c
Dubai*	10.4	(0.1)	35.0	(0.3)	54.7	(0.3)	63	(3.5)	53	(3.8)	48	(3.0)	37	(3.3)
Fujairah	32.7	(10.1)	67.3	(10.1)	c	c	23	(19.0)	17	(18.1)	c	c	c	c
Ras al-Khaimah	43.3	(13.0)	43.4	(10.8)	13.4	(3.0)	6	(12.0)	-7	(10.2)	26	(10.5)	18	(10.8)
Sharjah	5.6	(5.3)	44.5	(10.5)	49.9	(10.8)	c	c	c	c	39	(23.9)	29	(23.5)
Umm al-Quwain	c	c	c	c	c	c	40	(7.6)	35	(7.7)	c	c	c	c


* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.4.2 for national data.

1. ESCS refers to the *PISA index of economic, social and cultural status*.

2. Advantaged (disadvantaged) schools are those where the typical student in the school, or the socio-economic profile of the school, is above (below) the ESCS of the typical student in the country, the country mean ESCS. In each school, a random sample of 35 students are to take part in PISA (for more details see the *PISA 2012 Technical Report* [OECD, forthcoming]). The socio-economic profile of the school is calculated using the information provided by these students. Therefore, the precision of the estimate depends on the number of students that actually take the test in the school and the diversity of their answers. This precision was taken into account when classifying schools as advantaged, disadvantaged or average. If the difference between the school socio-economic profile and the ESCS of the typical student in the country (the mean ESCS at the country level) was not statistically significant, the school was classified as a school with an average socio-economic profile. If the school profile was statistically significantly above the country mean, the school is classified as a socio-economically advantaged school. If the profile was below the country mean, the school is classified as a socio-economically disadvantaged school.

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[Part 7/8]
Mathematics performance and student population, by schools' socio-economic profile and region
Results based on students' self-reports

	Relative risk and population relevance of scoring in the bottom quarter of the performance distribution												Effect size					
	Students in socio-economically disadvantaged schools ²				Students in socio-economically average schools ²				Students in socio-economically advantaged schools ²				Mean among students in socio-economically disadvantaged schools ²		Mean among students in socio-economically average schools ²		Mean among students in socio-economically advantaged schools ²	
	Relative risk		Population relevance		Relative risk		Population relevance		Relative risk		Population relevance		Effect size	S.E.	Effect size	S.E.	Effect size	S.E.
	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
OECD	Australia																	
	c	c	c	c	2.0	(0.3)	25.5	(5.2)	0.5	(0.1)	-51.4	(10.3)	c	c	-0.54	(0.06)	0.54	(0.06)
	2.3	(0.2)	23.3	(4.0)	1.0	(0.1)	-1.6	(6.2)	0.3	(0.1)	-23.4	(4.0)	-0.73	(0.09)	-0.12	(0.09)	0.82	(0.12)
	2.1	(0.4)	20.0	(6.6)	0.9	(0.4)	-7.3	(24.9)	c	c	c	c	-0.58	(0.17)	0.01	(0.23)	c	c
	2.3	(0.3)	27.1	(5.1)	0.8	(0.1)	-12.0	(6.4)	0.3	(0.1)	-16.8	(3.1)	-0.72	(0.07)	0.08	(0.08)	0.77	(0.07)
	1.9	(0.2)	21.2	(4.7)	0.9	(0.1)	-5.4	(7.6)	0.3	(0.1)	-14.9	(3.5)	-0.49	(0.08)	-0.02	(0.09)	0.77	(0.11)
	2.4	(0.4)	36.5	(5.4)	0.7	(0.1)	-13.5	(5.1)	0.2	(0.1)	-16.3	(2.6)	-0.61	(0.07)	0.10	(0.07)	0.93	(0.10)
	1.8	(0.2)	11.3	(2.0)	1.3	(0.2)	14.7	(6.6)	0.3	(0.1)	-19.9	(4.0)	-0.54	(0.08)	-0.24	(0.09)	0.76	(0.09)
	2.2	(0.3)	26.4	(4.7)	1.0	(0.1)	-1.1	(5.1)	0.3	(0.1)	-25.1	(5.3)	-0.72	(0.09)	-0.05	(0.08)	0.81	(0.09)
	Belgium																	
	c	c	c	c	1.0	(0.1)	-1.2	(4.5)	0.1	(0.0)	-44.2	(4.9)	-1.16	(0.09)	-0.17	(0.08)	1.30	(0.10)
	4.6	(0.6)	53.5	(5.5)	0.6	(0.1)	-14.5	(5.0)	0.1	(0.0)	-40.3	(5.4)	-1.31	(0.08)	0.11	(0.09)	1.13	(0.08)
	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Canada																	
	2.0	(0.4)	7.0	(3.4)	1.5	(0.3)	25.9	(11.0)	0.4	(0.1)	-21.4	(4.9)	-0.52	(0.21)	-0.48	(0.12)	0.76	(0.09)
	1.6	(0.2)	10.3	(4.1)	1.2	(0.2)	7.0	(6.7)	0.5	(0.1)	-17.1	(5.1)	-0.34	(0.12)	-0.18	(0.10)	0.48	(0.09)
	1.7	(0.2)	16.3	(4.9)	0.9	(0.1)	-7.7	(7.2)	0.4	(0.1)	-9.9	(1.6)	-0.47	(0.10)	0.07	(0.08)	0.59	(0.09)
	1.4	(0.2)	10.5	(3.7)	1.1	(0.2)	6.1	(6.9)	0.5	(0.2)	-14.3	(5.0)	-0.28	(0.07)	-0.19	(0.06)	0.57	(0.11)
	2.4	(0.3)	27.1	(5.1)	0.7	(0.1)	-17.9	(6.7)	0.4	(0.1)	-14.4	(2.9)	-0.73	(0.09)	0.19	(0.09)	0.54	(0.08)
	1.1	(0.2)	3.3	(4.5)	0.9	(0.1)	-3.7	(9.5)	0.9	(0.2)	-1.3	(2.9)	-0.17	(0.10)	0.02	(0.10)	0.22	(0.12)
	1.6	(0.2)	12.6	(3.9)	1.1	(0.1)	4.6	(5.9)	0.5	(0.1)	-16.8	(4.8)	-0.42	(0.10)	-0.13	(0.09)	0.52	(0.10)
	1.2	(0.1)	9.0	(4.5)	1.0	(0.1)	1.2	(3.4)	c	c	c	c	-0.19	(0.05)	-0.06	(0.06)	c	c
	1.9	(0.2)	19.2	(3.9)	1.1	(0.1)	6.6	(6.1)	0.2	(0.1)	-23.4	(3.5)	-0.55	(0.08)	-0.18	(0.08)	0.87	(0.10)
	1.3	(0.2)	3.2	(2.7)	1.1	(0.1)	4.8	(9.5)	0.7	(0.1)	-4.8	(2.0)	-0.23	(0.10)	-0.01	(0.07)	0.22	(0.07)
	Italy																	
	2.1	(0.6)	9.8	(7.2)	2.0	(0.9)	38.6	(21.6)	0.1	(0.0)	-30.5	(6.1)	-0.70	(0.26)	-0.55	(0.23)	1.08	(0.18)
	3.0	(0.7)	47.1	(10.5)	0.6	(0.2)	-15.9	(7.0)	0.2	(0.1)	-19.1	(2.5)	-0.87	(0.12)	0.23	(0.13)	1.00	(0.10)
	2.5	(0.2)	26.8	(2.9)	0.9	(0.1)	-7.8	(5.5)	0.3	(0.1)	-21.2	(2.6)	-0.78	(0.05)	0.03	(0.05)	0.80	(0.07)
	2.8	(0.8)	43.0	(11.0)	0.7	(0.2)	-12.8	(11.4)	0.1	(0.1)	-20.8	(5.2)	-0.83	(0.15)	0.19	(0.18)	1.00	(0.17)
	4.0	(1.2)	56.5	(9.5)	0.6	(0.2)	-13.7	(7.6)	0.1	(0.1)	-30.2	(11.5)	-1.11	(0.16)	0.17	(0.17)	1.21	(0.15)
	3.3	(0.7)	36.3	(8.5)	0.8	(0.2)	-8.5	(9.3)	0.2	(0.1)	-32.1	(7.7)	-1.08	(0.16)	-0.15	(0.14)	1.21	(0.16)
	2.9	(0.7)	27.5	(10.3)	1.2	(0.4)	7.1	(11.7)	0.3	(0.1)	-46.7	(7.7)	-1.01	(0.26)	-0.21	(0.19)	0.88	(0.12)
	2.6	(0.5)	14.7	(6.8)	1.7	(0.5)	23.9	(11.4)	0.3	(0.1)	-50.2	(11.5)	-1.14	(0.13)	-0.61	(0.18)	1.07	(0.19)
	2.9	(0.5)	20.6	(5.5)	1.3	(0.3)	12.7	(11.0)	0.2	(0.1)	-36.7	(9.4)	-1.10	(0.13)	-0.35	(0.16)	0.98	(0.15)
	3.6	(0.6)	26.0	(8.4)	1.3	(0.3)	11.5	(9.8)	0.2	(0.1)	-42.0	(11.1)	-0.77	(0.21)	-0.36	(0.15)	1.04	(0.16)
	2.1	(0.6)	30.4	(7.9)	0.7	(0.2)	-14.3	(10.3)	0.4	(0.1)	-23.9	(6.3)	-1.05	(0.18)	0.04	(0.16)	0.72	(0.19)
	2.5	(0.3)	35.8	(4.8)	1.0	(0.1)	-0.9	(4.2)	0.2	(0.1)	-30.5	(2.6)	-0.81	(0.07)	-0.13	(0.06)	1.17	(0.08)
	2.6	(0.5)	29.8	(6.1)	0.9	(0.1)	-7.3	(7.3)	0.2	(0.1)	-24.5	(6.5)	-0.86	(0.14)	0.01	(0.11)	0.85	(0.13)
	3.7	(0.8)	56.4	(7.7)	0.4	(0.1)	-26.2	(8.4)	0.1	(0.0)	-15.7	(4.6)	-0.97	(0.14)	0.55	(0.16)	0.80	(0.11)
	3.1	(0.8)	37.6	(8.9)	0.7	(0.2)	-20.4	(12.2)	0.1	(0.0)	-21.5	(5.5)	-0.91	(0.22)	0.06	(0.15)	1.12	(0.12)
	2.9	(0.7)	38.9	(9.3)	0.8	(0.2)	-8.2	(9.7)	0.1	(0.1)	-28.1	(7.8)	-0.91	(0.15)	0.04	(0.17)	1.05	(0.15)
	4.1	(1.0)	48.1	(9.7)	0.8	(0.3)	-6.3	(8.8)	0.2	(0.1)	-48.0	(10.3)	-1.15	(0.20)	0.03	(0.19)	0.98	(0.17)
	3.5	(0.7)	33.8	(8.5)	0.6	(0.2)	-22.1	(9.9)	0.4	(0.1)	-22.4	(4.8)	-1.15	(0.19)	0.13	(0.13)	0.69	(0.12)
	3.4	(0.6)	19.5	(9.2)	1.2	(0.4)	8.8	(16.0)	0.3	(0.1)	-38.4	(6.2)	-1.41	(0.21)	-0.30	(0.20)	0.83	(0.13)
	1.5	(0.2)	16.4	(6.7)	1.1	(0.2)	4.9	(6.6)	c	c	c	c	-0.39	(0.06)	-0.12	(0.07)	c	c
	4.7	(1.3)	53.1	(10.7)	0.5	(0.1)	-30.1	(10.5)	0.2	(0.1)	-27.0	(8.2)	-1.22	(0.19)	0.24	(0.18)	0.97	(0.21)
	Mexico																	
	2.4	(0.4)	17.1	(7.6)	1.0	(0.2)	0.4	(7.6)	0.5	(0.1)	-27.7	(7.9)	-0.86	(0.16)	-0.15	(0.13)	0.55	(0.14)
	c	c	c	c	1.4	(0.6)	15.2	(18.4)	0.7	(0.3)	-17.3	(21.0)	c	c	-0.37	(0.26)	0.35	(0.26)
	2.3	(0.5)	17.8	(8.1)	1.5	(0.3)	13.8	(9.1)	0.4	(0.1)	-47.5	(11.6)	-0.75	(0.19)	-0.29	(0.16)	0.69	(0.19)
	1.7	(0.4)	18.6	(10.0)	0.8	(0.2)	-9.1	(11.5)	0.4	(0.2)	-9.2	(2.5)	-0.39	(0.16)	-0.01	(0.16)	0.68	(0.24)
	4.0	(1.2)	66.9	(11.4)	0.3	(0.1)	-19.0	(7.2)	c	c	c	c	-0.81	(0.19)	0.55	(0.21)	c	c
	1.8	(0.6)	12.5	(9.2)	1.6	(0.6)	20.4	(16.6)	0.3	(0.1)	-35.0	(16.5)	-0.59	(0.24)	-0.42	(0.24)	0.84	(0.19)
	1.9	(0.6)	13.2	(8.3)	1.5	(0.4)	17.1	(11.8)	0.4	(0.1)	-37.1	(15.2)	-0.58	(0.28)	-0.43	(0.18)	0.78	(0.19)
	3.1	(0.6)	24.8	(10.5)	1.3	(0.4)	10.0	(12.3)	0.3	(0.1)	-50.8	(12.6)	-1.12	(0.14)	-0.29	(0.21)	0.85	(0.18)
	c	c	c	c	1.4	(0.4)	14.6	(15.1)	0.4	(0.1)	-34.3	(10.1)	c	c	-0.47	(0.22)	0.82	(0.12)
	2.0	(0.5)	19.3	(9.3)	1.1	(0.3)	3.9	(13.5)	0.4	(0.2)	-26.3	(8.9)	-0.59	(0.18)	-0.17	(0.21)	0.64	(0.19)
	3.1	(0.8)	52.4	(10.6)	0.8	(0.2)	-4.2	(4.3)	0.1	(0.1)	-29.4	(8.4)	-0.78	(0.15)	0.05	(0.16)	1.01	(0.14)
	2.1	(0.6)	39.8	(13.7)	0.5	(0.2)	-16.7	(8.2)	0.6	(0.4)	-4.2	(4.3)	-0.56	(0.16)	0.38	(0.19)	0.55	(0.25)
	2.0	(0.8)	35.2	(17.2)	0.9	(0.3)	-4.0	(10.1)	0.2	(0.1)	-15.3	(4.4)	-0.62	(0.22)	0.10	(0.23)	0.99	(0.23)
	1.7	(0.3)	18.2	(8.0)	1.3	(0.4)	10.2	(10.3)	0.3	(0.1)	-28.2	(8.9)	-0.47	(0.13)	-0.19	(0.21)	0.68	(0.13)
	1.5	(0.4)	10.9	(9.0)	1.1	(0.3)	4.0	(13.7)	0.5	(0.2)	-13.7	(7.1)	-0.33	(0.21)	-0.17	(0.20)	0.54	(0.22)
	2.8	(0.6)	27.4	(11.0)	1.2	(0.4)	7.8	(14.6)	0.2	(0.1)	-40.5	(11.5)	-1.03	(0.20)	-0.30	(0.22)	1.08	(0.17)
	1.7	(0.4)	12.2	(6.9)	1.4	(0.3)	15.8	(12.0)	0.3	(0.1)	-24.2	(6.8)	-0.42	(0.23)	-0.27	(0.16)	0.72	(0.15)
	c	c	c	c	2.2	(0.4)	27.3	(9.5)	0.4	(0.1)	-68.0	(20.4)	c	c	-0.82	(0.12)	0.90	(0.12)
	3.2	(0.8)	55.9	(10.5)	0.5	(0.2)	-11.1	(6.5)	0.2	(0.1)	-18.2	(6.1)	-0.73	(0.16)	0.34	(0.18)	0.75	(0.12)
	1.9	(0.4)	20.9	(9.1)	1.0	(0.3)	0.8	(7.9)	0.5	(0.1)	-26.4	(9.3)	-0.60	(0.17)	-0.14	(0.16)	0.62	(0.22)
	1.8	(0.4)	14.9	(9.6)	1.6	(0.6)	20.5	(15.1)	0.2	(0.1)	-36.0	(9.9)	-0.53	(0.15)	-0.44	(0.20)	0.94	(0.11)
	2.8	(0.9)	44.7	(14.5)	0.9	(0.2)	-4.2	(6.4)	0.2	(0.1)	-29.2	(9.4)	-0.84	(0.19)	-0.03	(0.18)	1.13	(0.17)
	1.2	(0.3)	3.3	(5.1)	2.2	(0.5)	35.2	(9.5)	0.3	(0.1)								

[Part 8/8]

Mathematics performance and student population, by schools' socio-economic profile and regionTable B2.II.15 *Results based on students' self-reports*

	Relative risk and population relevance of scoring in the bottom quarter of the performance distribution												Effect size					
	Students in socio-economically disadvantaged schools ²				Students in socio-economically average schools ²				Students in socio-economically advantaged schools ²				Mean among students in socio-economically disadvantaged schools ²		Mean among students in socio-economically average schools ²		Mean among students in socio-economically advantaged schools ²	
	Relative risk	S.E.	Population relevance	S.E.	Relative risk	S.E.	Population relevance	S.E.	Relative risk	S.E.	Population relevance	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.
OECD	Portugal																	
	Alentejo																	
	3.7	(1.1)	37.8	(11.8)	0.7	(0.2)	-16.1	(17.2)	0.3	(0.1)	-29.7	(17.7)	-1.12	(0.27)	0.11	(0.25)	0.75	(0.18)
	Spain																	
	Andalusia*																	
	2.0	(0.3)	31.4	(7.5)	0.7	(0.1)	-14.1	(6.4)	0.5	(0.1)	-10.7	(4.7)	-0.52	(0.09)	0.22	(0.12)	0.47	(0.11)
	Aragon*																	
	2.2	(0.3)	23.2	(5.4)	1.0	(0.2)	-1.1	(7.1)	0.4	(0.1)	-25.7	(6.0)	-0.61	(0.10)	-0.06	(0.11)	0.60	(0.11)
	Asturias*																	
	1.7	(0.3)	11.2	(5.3)	1.3	(0.2)	13.3	(8.8)	0.4	(0.1)	-23.8	(5.4)	-0.48	(0.15)	-0.24	(0.11)	0.61	(0.09)
	Balearic Islands*																	
	2.0	(0.3)	16.4	(5.3)	1.0	(0.1)	-2.7	(9.1)	0.3	(0.1)	-15.3	(3.8)	-0.58	(0.13)	0.05	(0.11)	0.53	(0.12)
	Basque Country*																	
	2.4	(0.3)	13.0	(2.0)	1.1	(0.1)	3.4	(4.3)	0.5	(0.0)	-22.2	(3.8)	-0.82	(0.13)	-0.12	(0.06)	0.47	(0.06)
	Cantabria*																	
	1.1	(0.1)	0.8	(1.2)	1.6	(0.3)	28.7	(9.9)	0.5	(0.1)	-11.6	(4.6)	-0.12	(0.11)	-0.30	(0.09)	0.46	(0.10)
	Castile and Leon*																	
	1.2	(0.2)	3.4	(3.1)	1.6	(0.3)	22.3	(8.2)	0.5	(0.1)	-21.9	(6.7)	-0.25	(0.10)	-0.27	(0.11)	0.44	(0.10)
	Catalonia*																	
	2.2	(0.3)	22.0	(6.2)	1.1	(0.2)	3.5	(9.4)	0.4	(0.1)	-28.6	(7.9)	-0.69	(0.11)	-0.17	(0.13)	0.75	(0.12)
	Extremadura*																	
	1.7	(0.2)	27.4	(6.6)	0.9	(0.2)	-2.9	(5.0)	0.2	(0.1)	-12.9	(4.1)	-0.40	(0.08)	-0.01	(0.09)	0.87	(0.09)
	Galicia*																	
	1.6	(0.2)	14.9	(6.1)	1.1	(0.2)	4.7	(6.3)	0.4	(0.1)	-17.9	(5.0)	-0.35	(0.11)	-0.12	(0.09)	0.54	(0.09)
	La Rioja*																	
	1.5	(0.1)	10.6	(2.6)	1.3	(0.1)	10.4	(4.5)	0.5	(0.1)	-19.3	(2.6)	-0.37	(0.05)	-0.17	(0.05)	0.56	(0.05)
	Madrid*																	
	2.1	(0.3)	15.5	(4.7)	1.2	(0.2)	6.6	(6.2)	0.5	(0.1)	-30.2	(7.8)	-0.62	(0.13)	-0.15	(0.10)	0.51	(0.09)
	Murcia*																	
	1.6	(0.2)	23.0	(8.0)	0.7	(0.1)	-16.6	(7.9)	c	c	c	c	-0.40	(0.12)	0.31	(0.13)	c	c
	Navarre*																	
	1.4	(0.1)	8.8	(2.9)	1.3	(0.1)	12.4	(5.9)	0.4	(0.1)	-17.2	(3.3)	-0.36	(0.06)	-0.13	(0.07)	0.52	(0.08)
	United Kingdom																	
	England																	
	2.1	(0.3)	20.7	(5.3)	1.1	(0.2)	3.0	(7.8)	0.3	(0.0)	-23.2	(3.3)	-0.67	(0.12)	-0.15	(0.11)	0.87	(0.08)
	Northern Ireland																	
	3.3	(0.4)	39.6	(6.3)	1.0	(0.2)	-0.8	(7.4)	0.1	(0.0)	-40.0	(5.3)	-1.19	(0.09)	-0.22	(0.13)	1.52	(0.11)
	Scotland*																	
	1.9	(0.2)	21.8	(4.6)	0.8	(0.1)	-15.8	(6.6)	0.3	(0.1)	-9.1	(2.5)	-0.54	(0.07)	0.16	(0.08)	0.68	(0.10)
	Wales																	
	1.7	(0.2)	15.2	(3.4)	0.8	(0.1)	-13.7	(7.4)	0.4	(0.1)	-7.4	(1.8)	-0.47	(0.06)	0.13	(0.07)	0.53	(0.07)
	United States																	
	Connecticut*																	
	2.7	(0.4)	29.4	(7.0)	0.9	(0.2)	-2.7	(8.2)	0.3	(0.1)	-30.2	(7.5)	-0.84	(0.13)	-0.06	(0.13)	0.80	(0.11)
	Florida*																	
	2.0	(0.3)	18.9	(6.4)	1.1	(0.2)	2.8	(11.9)	0.3	(0.2)	-21.0	(9.4)	-0.60	(0.10)	-0.07	(0.15)	0.69	(0.15)
	Massachusetts*																	
	2.1	(0.4)	23.2	(7.0)	1.1	(0.2)	3.7	(7.3)	0.3	(0.1)	-28.5	(8.9)	-0.75	(0.14)	-0.17	(0.13)	0.86	(0.13)
	Partners																	
	Argentina																	
	Ciudad Autónoma de Buenos Aires*																	
	4.5	(1.1)	42.1	(11.7)	1.6	(0.6)	10.6	(9.6)	0.1	(0.0)	-106.0	(19.2)	-1.42	(0.21)	-0.49	(0.26)	1.39	(0.13)
	Brazil																	
	Acre																	
	1.8	(0.5)	27.7	(11.3)	0.8	(0.2)	-5.9	(8.0)	0.4	(0.1)	-13.4	(5.9)	-0.50	(0.18)	-0.02	(0.16)	0.85	(0.22)
	Alagoas																	
	1.6	(1.1)	28.9	(26.5)	c	c	c	c	c	c	c	c	-0.63	(0.29)	c	c	c	c
	Amapá																	
	c	c	c	c	3.1	(0.8)	53.7	(11.5)	0.3	(0.1)	-39.6	(14.3)	c	c	-0.82	(0.18)	0.88	(0.19)
	Amazonas																	
	c	c	c	c	2.5	(1.0)	52.4	(22.0)	0.4	(0.2)	-12.8	(6.9)	c	c	-0.62	(0.21)	0.73	(0.23)
	Bahia																	
	4.2	(1.9)	68.8	(18.1)	c	c	c	c	c	c	c	c	-1.09	(0.26)	c	c	c	c
	Ceará																	
	2.0	(0.9)	40.3	(15.1)	c	c	c	c	c	c	c	c	-0.73	(0.20)	c	c	c	c
	Espírito Santo																	
	1.3	(0.5)	10.8	(14.6)	1.8	(0.6)	25.0	(15.7)	c	c	c	c	-0.49	(0.27)	-0.75	(0.17)	c	c
	Federal District																	
	c	c	c	c	8.1	(4.7)	77.5	(10.9)	0.1	(0.1)	-67.1	(23.0)	c	c	-1.44	(0.24)	1.48	(0.25)
	Goiás																	
	1.9	(0.5)	20.8	(10.5)	0.9	(0.3)	-6.6	(18.3)	c	c	c	c	-0.68	(0.17)	-0.17	(0.23)	c	c
	Maranhão																	
	1.5	(0.8)	18.0	(17.4)	1.2	(0.4)	7.1	(17.3)	c	c	c	c	-0.51	(0.31)	-0.34	(0.32)	c	c
	Mato Grosso																	
	1.3	(0.5)	12.9	(16.0)	1.1	(0.4)	3.4	(14.1)	c	c	c	c	-0.34	(0.26)	-0.26	(0.24)	c	c
	Mato Grosso do Sul																	
	2.4	(0.8)	29.5	(12.6)	1.4	(0.4)	10.3	(11.0)	0.2	(0.1)	-43.6	(12.5)	-0.73	(0.21)	-0.50	(0.18)	1.21	(0.17)
	Minas Gerais																	
	1.9	(0.4)	27.5	(10.7)	1.0	(0.2)	-0.1	(8.0)	0.2	(0.2)	-19.3	(9.8)	-0.53	(0.15)	-0.21	(0.16)	1.11	(0.26)
	Pará																	
	1.9	(0.4)	22.0	(8.1)	1.0	(0.4)	1.7	(18.7)	c	c	c	c	-0.69	(0.16)	-0.10	(0.46)	c	c
	Paraíba																	
	3.1	(1.0)	47.5	(12.5)	1.1	(0.3)	2.4	(5.7)	0.2	(0.1)	-46.2	(16.0)	-1.02	(0.21)	-0.29	(0.16)	1.31	(0.28)
	Paraná																	
	1.9	(0.4)	19.0	(10.1)	1.2	(0.3)	8.9	(14.0)	0.2	(0.1)	-24.2	(7.8)	-0.67	(0.20)	-0.42	(0.25)	1.31	(0.48)
	Pernambuco																	
	2.2	(0.6)	41.0	(14.0)	0.5	(0.2)	-20.1	(13.7)	c	c	c	c	-0.61	(0.20)	0.33	(0.19)	c	c
	Piauí																	
	2.2	(0.6)	35.4	(13.8)	1.0	(0.4)	0.2	(10.3)	c	c	c	c	-0.81	(0.20)	-0.35	(0.19)	c	c
	Rio de Janeiro																	
	c	c	c	c	7.1	(5.3)	82.2	(9.2)	0.2	(0.1)	-18.8	(5.6)	c	c	-1.28	(0.24)	1.28	(0.24)
	Rio Grande do Norte																	
	2.7	(1.1)	49.4	(15.3)	1.0	(0.4)	0.8	(6.5)	0.1	(0.0)	-26.8	(7.9)	-0.99	(0.23)	-0.40	(0.19)	1.87	(0.44)
	Rio Grande do Sul																	
	1.7	(0.5)	21.8	(12.0)	1.0	(0.2)	0.1	(7.6)	0.4	(0.2)	-18.1	(6.7)	-0.46	(0.24)	-0.05	(0.20)	0.61	(0.21)
	Rondônia																	
	1.5	(0.4)	18.6	(11.6)	0.9	(0.3)	-2.7	(12.5)	c	c	c	c	-0.35	(0.20)	0.04	(0.21)	c	c
	Roraima																	
	2.0	(0.5)	19.7	(11.3)	1.1	(0.4)	6.1	(18.2)	0.1	(0.1)	-22.6	(6.9)	-0.61	(0.18)	-0.48	(0.24)	1.46	(0.13)
	Santa Catarina																	
	2.2	(1.0)	26.7	(16.7)	0.8	(0.4)	-14.0	(24.5)	c	c	c	c	-0.55	(0.33)	0.02	(0.28)	c	c
	São Paulo																	
	1.6	(0.3)	9.2	(5.7)	1.7	(0.4)	24.2	(10.1)	0.3	(0.1)	-32.0	(5.5)	-0.50	(0.13)	-0.58	(0.13)	0.96	(0.15)
	Sergipe																	
	2.0	(0.7)	25.6	(12.6)	1.0	(0.2)	0.9	(9.4)	0.3	(0.2)	-24.1	(12.9)	-0.64	(0.23)	-0.20	(0.20)	0.93	(0.35)
	Tocantins																	
	1.7	(0.6)	23.1	(14.9)	1.3	(0.5)	9.3	(14.4)	0.1	(0.0)	-24.3	(13.2)	-0.54	(0.20)	-0.30	(0.24)	1.27	(0.17)
	Colombia																	
	Bogotá																	
	2.0	(0.3)	8.3	(3.5)	1.3	(0.2)	12.1	(10.0)	0.5	(0.1)	-20.4	(8.0)	-0.63	(0.15)	-0.26	(0.12)	0.50	(0.11)
	Cali																	
	c	c	c	c	2.2	(0.5)	33.2	(9.7)	0.3	(0.1)	-59.5	(16.4)	c	c	-0.69	(0.15)	0.99	(0.13)
	Manizales																	
	2.6	(0.3)	19.4	(3.8)	1.6	(0.2)	12.7	(4.9)	0.3	(0.1)	-67.5	(13.0)	-0.93	(0.07)	-0.49	(0.09)	0.88	(0.10)
	Medellín																	
	2.0	(0.3)	13.4	(4.8)	1.7	(0.3)	23.4	(8.7)	0.3	(0.1)	-43.4	(11.6)	-0.69	(0.13)	-0.62	(0.13)	1.00	(0.15)
	Russian Federation																	
	Perm Territory region*																	
	2.2	(0.4)	20.3	(7.0)	1.0	(0.2)	0.9	(11.2)	0.3	(0.1)	-21.7	(4.9)	-0.71	(0.14)	-0.11	(0.13)	0.80	(0.14)
	United Arab Emirates																	
	Abu Dhabi*																	
	1.9	(0.3)	21.9	(5.7)	1.0	(0.2)	1.8	(6.7)	0.4	(0.1)	-23.3	(4.2)	-0.64	(0.10)	-0.10	(0.11)	0.75	(0.11)
	Ajman																	
	2.4	(1.0)	43.9	(16.6)	0.4	(0.1)	-34.7	(9.5)	c	c	c	c	-0.51	(0.21)	0.51	(0.21)	c	c
	Dubai*																	
	2.8	(1.0)	21.5	(1.4)	1.2	(0.1)	7.2	(1.9)	0.4	(0.0)	-43							



[Part 1/4]
Inequity in access to instructional content: Formal mathematics, by region
Results based on students' self-reports

		Formal mathematics																			
		Percentage of the variation explained by student ESCS ¹		Percentage of the variation explained by student and school mean ESCS		Percentage of the variation explained by student and school mean and standard deviation of ESCS		Mean among students in socio-economically disadvantaged schools ² , relative to the country mean ESCS		Mean among students in socio-economically average schools ² , relative to the country mean ESCS		Mean among students in socio-economically advantaged schools ² , relative to the country mean ESCS		Difference between students in disadvantaged and average schools		Difference between students in average and advantaged schools		Mean among non-immigrant students		Mean among immigrant students	
		%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia																				
	Australian Capital Territory	11.2	(3.0)	13.1	(2.9)	13.2	(2.9)	c	c	1.52	(0.05)	1.80	(0.04)	c	c	0.27	(0.06)	1.67	(0.04)	2.01	(0.09)
	New South Wales	11.0	(1.5)	13.1	(1.9)	14.0	(1.8)	1.46	(0.05)	1.72	(0.04)	2.07	(0.05)	0.27	(0.13)	0.34	(0.07)	1.64	(0.02)	2.09	(0.04)
	Northern Territory	14.3	(4.7)	15.9	(4.7)	15.9	(4.7)	1.13	(0.11)	1.40	(0.07)	c	c	c	c	c	c	1.39	(0.06)	1.40	(0.19)
	Queensland	14.4	(1.7)	16.8	(1.8)	16.8	(1.8)	1.42	(0.03)	1.68	(0.03)	2.04	(0.05)	0.26	(0.04)	0.36	(0.06)	1.65	(0.02)	1.80	(0.05)
	South Australia	9.1	(2.2)	12.8	(3.0)	12.7	(3.0)	1.31	(0.05)	1.53	(0.04)	1.90	(0.08)	0.22	(0.06)	0.37	(0.09)	1.49	(0.03)	1.77	(0.07)
	Tasmania	15.4	(2.4)	17.4	(2.4)	17.5	(2.4)	1.21	(0.04)	1.45	(0.04)	1.82	(0.06)	0.24	(0.05)	0.37	(0.08)	1.38	(0.03)	1.83	(0.13)
	Victoria	6.6	(1.0)	9.3	(1.6)	10.3	(1.7)	1.45	(0.06)	1.60	(0.03)	1.91	(0.06)	0.15	(0.07)	0.31	(0.06)	1.57	(0.02)	1.92	(0.06)
Western Australia	12.0	(1.9)	16.9	(2.6)	17.0	(2.5)	1.54	(0.05)	1.83	(0.06)	2.17	(0.06)	0.29	(0.07)	0.34	(0.08)	1.81	(0.04)	1.92	(0.06)	
	Belgium																				
	Flemish Community*	15.5	(1.5)	24.2	(2.2)	24.5	(2.2)	1.30	(0.05)	1.63	(0.03)	2.16	(0.04)	0.33	(0.06)	0.52	(0.05)	1.78	(0.02)	1.41	(0.05)
	French Community	12.3	(1.9)	16.4	(2.1)	16.4	(2.1)	1.64	(0.04)	2.00	(0.03)	2.19	(0.03)	0.36	(0.05)	0.19	(0.04)	2.00	(0.02)	1.85	(0.05)
	German-speaking Community	6.1	(1.9)	10.0	(2.3)	10.4	(2.4)	c	c	1.43	(0.04)	c	c	c	c	c	c	1.57	(0.03)	1.40	(0.07)
	Canada																				
	Alberta	7.0	(1.8)	10.3	(2.2)	10.9	(2.2)	1.68	(0.10)	1.86	(0.03)	2.15	(0.04)	0.18	(0.11)	0.29	(0.04)	1.88	(0.03)	2.08	(0.04)
	British Columbia	4.0	(1.2)	4.7	(1.8)	4.7	(1.9)	1.88	(0.07)	1.88	(0.03)	2.06	(0.04)	0.00	(0.07)	0.18	(0.06)	1.85	(0.03)	2.08	(0.04)
	Manitoba	9.5	(2.2)	9.7	(2.2)	10.9	(2.4)	1.73	(0.05)	1.79	(0.03)	1.99	(0.05)	0.05	(0.05)	0.21	(0.06)	1.78	(0.03)	1.91	(0.06)
	New Brunswick	4.8	(1.6)	5.6	(2.0)	5.6	(1.9)	1.66	(0.03)	1.65	(0.03)	1.91	(0.06)	-0.01	(0.04)	0.27	(0.07)	1.70	(0.02)	1.87	(0.15)
	Newfoundland and Labrador	9.9	(2.9)	10.3	(2.2)	10.3	(2.2)	1.74	(0.08)	2.01	(0.03)	2.12	(0.04)	0.27	(0.08)	0.11	(0.05)	1.96	(0.02)	c	c
	Nova Scotia	6.3	(1.8)	6.6	(1.7)	8.3	(1.9)	1.95	(0.06)	2.09	(0.07)	2.10	(0.07)	0.15	(0.09)	0.01	(0.11)	2.05	(0.05)	2.24	(0.10)
	Ontario	7.5	(1.4)	8.0	(1.5)	8.4	(1.6)	1.90	(0.05)	2.03	(0.03)	2.22	(0.03)	0.12	(0.05)	0.19	(0.04)	1.99	(0.03)	2.14	(0.03)
	Prince Edward Island	8.8	(2.0)	9.3	(2.0)	9.3	(2.0)	1.66	(0.03)	1.66	(0.04)	c	c	0.00	(0.05)	c	c	1.71	(0.02)	1.90	(0.09)
	Quebec	6.2	(1.3)	8.6	(1.6)	8.6	(1.6)	1.83	(0.04)	1.96	(0.02)	2.20	(0.03)	0.14	(0.04)	0.24	(0.03)	1.98	(0.02)	2.02	(0.04)
	Saskatchewan	5.7	(1.6)	5.7	(1.6)	5.7	(1.6)	1.77	(0.06)	1.85	(0.03)	1.94	(0.05)	0.08	(0.07)	0.09	(0.05)	1.84	(0.02)	2.04	(0.08)
	Italy																				
	Abruzzo	4.5	(1.3)	12.2	(3.9)	12.1	(3.9)	1.50	(0.12)	1.76	(0.04)	2.11	(0.08)	0.26	(0.14)	0.35	(0.08)	1.84	(0.04)	1.58	(0.09)
	Basilicata	6.2	(1.6)	11.8	(2.4)	12.2	(2.3)	1.67	(0.04)	1.99	(0.07)	2.11	(0.05)	0.32	(0.08)	0.12	(0.08)	1.88	(0.03)	c	c
	Bolzano	8.0	(1.7)	14.5	(1.9)	14.6	(2.1)	1.18	(0.03)	1.43	(0.02)	1.69	(0.04)	0.25	(0.04)	0.26	(0.04)	1.44	(0.02)	1.35	(0.10)
	Calabria	6.0	(2.1)	12.1	(3.8)	13.2	(3.6)	1.58	(0.05)	1.81	(0.07)	2.11	(0.09)	0.23	(0.08)	0.30	(0.13)	1.79	(0.04)	1.50	(0.12)
	Campania	8.5	(2.4)	15.3	(4.3)	16.2	(3.9)	1.52	(0.06)	1.82	(0.07)	2.08	(0.13)	0.30	(0.08)	0.26	(0.15)	1.77	(0.04)	c	c
	Emilia Romagna	12.8	(2.9)	21.7	(5.2)	21.8	(5.3)	1.49	(0.10)	1.77	(0.04)	2.19	(0.06)	0.27	(0.12)	0.43	(0.08)	1.89	(0.04)	1.53	(0.05)
	Friuli Venezia Giulia	7.5	(2.6)	15.1	(5.3)	15.2	(5.5)	1.56	(0.14)	1.85	(0.06)	2.12	(0.04)	0.29	(0.16)	0.27	(0.07)	1.93	(0.03)	1.66	(0.10)
	Lazio	7.0	(2.5)	16.8	(5.2)	17.7	(4.9)	1.36	(0.08)	1.67	(0.06)	2.10	(0.08)	0.31	(0.10)	0.47	(0.10)	1.85	(0.04)	1.66	(0.11)
	Liguria	7.7	(1.9)	19.7	(4.0)	20.6	(4.3)	1.39	(0.05)	1.83	(0.03)	2.14	(0.08)	0.44	(0.06)	0.31	(0.09)	1.92	(0.04)	1.63	(0.07)
	Lombardia	5.7	(1.6)	10.1	(2.6)	10.1	(2.6)	1.68	(0.06)	1.79	(0.06)	2.12	(0.05)	0.12	(0.05)	0.33	(0.08)	1.91	(0.04)	1.67	(0.05)
	Marche	2.0	(0.6)	4.9	(1.9)	11.1	(2.9)	1.64	(0.09)	1.81	(0.05)	2.00	(0.06)	0.17	(0.11)	0.19	(0.09)	1.86	(0.03)	1.62	(0.07)
	Molise	8.8	(2.0)	19.7	(2.8)	21.1	(2.9)	1.64	(0.04)	1.76	(0.04)	2.32	(0.03)	0.12	(0.06)	0.56	(0.05)	1.89	(0.03)	c	c
	Piemonte	5.4	(1.8)	9.2	(3.8)	15.3	(4.5)	1.61	(0.06)	1.80	(0.08)	2.07	(0.09)	0.19	(0.10)	0.27	(0.12)	1.82	(0.06)	1.82	(0.07)
	Puglia	5.2	(2.1)	19.5	(4.5)	20.0	(4.5)	1.66	(0.05)	2.09	(0.06)	2.15	(0.11)	0.44	(0.07)	0.06	(0.13)	1.90	(0.04)	c	c
	Sardegna	5.7	(1.9)	10.9	(2.9)	11.0	(3.0)	1.48	(0.08)	1.67	(0.05)	2.02	(0.10)	0.20	(0.10)	0.34	(0.12)	1.69	(0.04)	c	c
	Sicilia	5.3	(1.9)	15.1	(3.7)	15.5	(3.7)	1.50	(0.04)	1.72	(0.08)	2.11	(0.08)	0.23	(0.10)	0.39	(0.11)	1.75	(0.04)	c	c
	Toscana	8.4	(2.5)	14.2	(5.3)	14.6	(5.3)	1.48	(0.08)	1.85	(0.06)	2.04	(0.07)	0.37	(0.12)	0.20	(0.10)	1.88	(0.04)	1.40	(0.06)
	Trento	2.9	(1.7)	8.5	(3.4)	8.6	(3.2)	1.46	(0.08)	1.88	(0.05)	2.02	(0.05)	0.41	(0.10)	0.14	(0.07)	1.85	(0.03)	1.63	(0.09)
	Umbria	9.2	(3.0)	14.1	(3.9)	14.7	(4.2)	1.52	(0.05)	1.76	(0.05)	2.06	(0.04)	0.24	(0.07)	0.30	(0.07)	1.90	(0.03)	1.69	(0.05)
	Valle d'Aosta	7.1	(2.3)	9.3	(2.2)	9.6	(2.2)	1.58	(0.04)	1.67	(0.03)	c	c	0.09	(0.06)	c	c	1.71	(0.02)	1.57	(0.09)
	Veneto	9.0	(1.9)	19.1	(6.2)	19.9	(5.6)	1.60	(0.06)	2.00	(0.06)	2.27	(0.11)	0.40	(0.10)	0.27	(0.12)	1.99	(0.05)	1.63	(0.08)
	Mexico																				
	Aguascalientes	7.2	(2.5)	12.4	(4.1)	13.0	(4.0)	1.52	(0.05)	1.76	(0.07)	1.98	(0.07)	0.24	(0.09)	0.22	(0.10)	1.84	(0.05)	c	c
	Baja California	4.3	(1.5)	5.4	(2.1)	6.4	(2.9)	c	c	1.72	(0.09)	1.86	(0.05)	c	c	0.14	(0.08)	1.80	(0.05)	c	c
	Baja California Sur	6.7	(3.1)	9.0	(4.8)	10.1	(4.7)	1.46	(0.13)	1.55	(0.07)	1.72	(0.09)	0.09	(0.14)	0.18	(0.15)	1.63	(0.04)	c	c
	Campeche	3.4	(1.7)	4.7	(2.0)	5.9	(2.0)	1.65	(0.07)	1.66	(0.06)	2.16	(0.07)	0.01	(0.10)	0.50	(0.10)	1.78	(0.03)	1.32	(0.09)
	Chiapas	2.1	(1.5)	5.2	(2.0)	6.7	(2.5)	1.43	(0.04)	1.78	(0.09)	c	c	0.35	(0.10)	c	c	1.57	(0.04)	c	c
	Chihuahua	4.1	(2.2)	7.8	(3.2)	8.4	(3.4)	1.70	(0.09)	1.69	(0.07)	2.04	(0.06)	-0.01	(0.12)	0.35	(0.10)	1.83	(0.05)	c	c
	Coahuila	5.8	(3.1)	8.9	(5.5)	10.9	(6.0)	1.55	(0.20)	1.57	(0.05)	1.91	(0.09)	0.03	(0.21)	0.33	(0.10)	1.71	(0.05)	c	c
	Colima	7.2	(3.2)	11.2	(5.4)	11.4	(5.7)	1.36	(0.12)	1.77	(0.05)	1.98	(0.07)	0.41	(0.14)	0.21	(0.09)	1.81	(0.04)	c	c
	Distrito Federal	2.6	(1.5)	3.4	(1.9)	4.1	(2.2)	c	c	1.78	(0.04)	2.08	(0.05)	c	c	0.30	(0.06)	1.91	(0.04)	c	c
	Durango	6.4	(2.0)	8.9	(2.4)	11.2	(2.9)	1.56	(0.10)	1.63	(0.07)	1.91	(0.06)	0.07	(0.13)	0.28	(0.10)	1.73	(0.03)	c	c
	Guanajuato	5.6	(2.3)	7.3	(2.8)	8.0	(3.4)	1.55	(0.07)	1.63	(0.08)	1.92	(0.07)	0.07	(0.09)	0.29	(0.11)	1.68	(0.05)	c	c
	Guerrero	3.1	(1.6)	3.4	(2.1)	4.1	(2.5)	1.46	(0.08)	1.67	(0.03)	1.62	(0.13)	0.22	(0.09)	-0.05	(0.14)	1.54	(0.05)	c	c
	Hidalgo	7.2	(2.6)	10.4	(3.1)	10.8	(3.1)	1.73	(0.05)	1.85	(0.07)										

[Part 2/4]

Inequity in access to instructional content: Formal mathematics, by region

Table B2.II.16 Results based on students' self-reports

		Formal mathematics																				
		Percentage of the variation explained by student ESCS ¹		Percentage of the variation explained by student and school mean ESCS		Percentage of the variation explained by student and school mean and standard deviation of ESCS		Mean among students in socio-economically disadvantaged schools ² , relative to the country mean ESCS		Mean among students in socio-economically average schools ² , relative to the country mean ESCS		Mean among students in socio-economically advantaged schools ² , relative to the country mean ESCS		Difference between students in disadvantaged and average schools		Difference between students in average and advantaged schools		Mean among non-immigrant students		Mean among immigrant students		
		%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	
OECD	Portugal																					
	Alentejo	6.3	(2.2)	6.3	(2.3)	6.9	(2.9)	1.69	(0.05)	1.71	(0.06)	1.85	(0.06)	0.02	(0.08)	0.14	(0.10)	1.73	(0.04)		c	c
	Spain																					
	Andalusia*	15.3	(2.1)	15.4	(2.2)	15.6	(2.1)	1.72	(0.04)	1.87	(0.05)	2.07	(0.06)	0.14	(0.07)	0.21	(0.08)	1.86	(0.03)		c	c
	Aragon*	16.6	(2.8)	18.2	(3.1)	18.4	(3.2)	1.68	(0.05)	1.84	(0.03)	2.17	(0.05)	0.16	(0.05)	0.32	(0.06)	2.00	(0.03)	1.40	(0.08)	
	Asturias*	9.6	(2.7)	10.5	(3.3)	10.6	(3.3)	1.86	(0.06)	1.90	(0.04)	2.16	(0.06)	0.05	(0.07)	0.26	(0.07)	2.01	(0.03)	1.56	(0.06)	
	Balearic Islands*	15.9	(2.0)	16.4	(2.0)	16.4	(2.0)	1.54	(0.07)	1.71	(0.03)	1.98	(0.09)	0.17	(0.07)	0.28	(0.10)	1.81	(0.03)	1.43	(0.05)	
	Basque Country*	9.1	(1.2)	11.0	(1.4)	11.0	(1.5)	1.58	(0.06)	1.83	(0.02)	2.01	(0.03)	0.26	(0.06)	0.18	(0.04)	1.91	(0.02)	1.56	(0.05)	
	Cantabria*	11.6	(1.8)	12.8	(1.8)	13.0	(1.7)	1.65	(0.04)	1.87	(0.03)	2.19	(0.05)	0.23	(0.05)	0.32	(0.05)	1.94	(0.03)	1.68	(0.09)	
	Castile and Leon*	10.7	(2.3)	11.3	(2.4)	12.0	(2.4)	1.90	(0.06)	1.88	(0.04)	2.17	(0.04)	-0.02	(0.06)	0.29	(0.05)	2.02	(0.03)	1.67	(0.08)	
	Catalonia*	12.2	(2.3)	13.9	(2.8)	13.9	(2.8)	1.59	(0.07)	1.84	(0.05)	2.12	(0.04)	0.25	(0.09)	0.29	(0.07)	1.92	(0.03)	1.63	(0.08)	
	Extremadura*	12.9	(2.3)	13.9	(2.3)	14.0	(2.4)	1.68	(0.03)	1.80	(0.04)	2.16	(0.07)	0.11	(0.06)	0.36	(0.08)	1.79	(0.03)	1.84	(0.08)	
	Galicia*	7.9	(2.0)	9.3	(2.1)	9.5	(2.1)	1.61	(0.06)	1.81	(0.03)	1.98	(0.06)	0.21	(0.06)	0.17	(0.06)	1.80	(0.03)	1.61	(0.09)	
	La Rioja*	11.3	(1.7)	12.0	(1.7)	11.9	(1.7)	1.86	(0.04)	1.98	(0.03)	2.19	(0.03)	0.12	(0.06)	0.21	(0.04)	2.12	(0.02)	1.60	(0.05)	
	Madrid*	14.5	(2.6)	14.8	(2.5)	14.8	(2.5)	1.76	(0.09)	1.93	(0.04)	2.18	(0.04)	0.17	(0.09)	0.25	(0.05)	2.07	(0.03)	1.71	(0.07)	
	Murcia*	14.2	(2.7)	16.6	(2.8)	17.4	(3.0)	1.65	(0.04)	1.98	(0.04)	c	c	0.34	(0.05)	c	c	1.90	(0.02)	1.47	(0.09)	
	Navarre*	10.0	(2.1)	10.5	(2.2)	11.9	(2.4)	1.78	(0.05)	1.92	(0.03)	2.12	(0.05)	0.15	(0.06)	0.20	(0.06)	2.01	(0.03)	1.57	(0.05)	
	United Kingdom																					
	England	8.7	(1.2)	10.7	(1.8)	10.7	(1.7)	1.50	(0.07)	1.64	(0.02)	1.91	(0.04)	0.14	(0.08)	0.28	(0.05)	1.65	(0.02)	1.82	(0.07)	
Northern Ireland	14.7	(2.4)	28.8	(2.5)	28.8	(2.5)	1.07	(0.04)	1.28	(0.05)	1.93	(0.02)	0.21	(0.06)	0.65	(0.06)	1.42	(0.02)	1.53	(0.11)		
Scotland*	12.2	(1.3)	13.2	(1.3)	13.3	(1.3)	1.24	(0.03)	1.38	(0.02)	1.74	(0.05)	0.14	(0.04)	0.36	(0.05)	1.37	(0.02)	1.56	(0.05)		
Wales	7.9	(1.1)	8.9	(1.4)	8.9	(1.3)	1.19	(0.03)	1.36	(0.02)	1.63	(0.06)	0.17	(0.04)	0.28	(0.06)	1.34	(0.02)	1.60	(0.08)		
United States																						
Connecticut*	15.4	(2.2)	17.0	(2.4)	17.5	(2.5)	1.81	(0.06)	2.07	(0.03)	2.29	(0.05)	0.27	(0.07)	0.22	(0.06)	2.09	(0.04)	2.03	(0.06)		
Florida*	8.2	(1.9)	8.3	(2.0)	8.5	(2.1)	1.89	(0.05)	1.97	(0.02)	2.12	(0.06)	0.08	(0.06)	0.15	(0.06)	1.98	(0.03)	2.04	(0.03)		
Massachusetts*	9.8	(2.9)	10.5	(3.5)	10.8	(3.6)	1.94	(0.08)	1.97	(0.05)	2.30	(0.06)	0.03	(0.09)	0.33	(0.08)	2.07	(0.05)	2.09	(0.07)		
Partners	Argentina																					
	Ciudad Autónoma de Buenos Aires*	13.1	(2.8)	16.1	(3.5)	16.4	(3.8)	1.19	(0.06)	1.32	(0.08)	1.83	(0.05)	0.13	(0.10)	0.51	(0.10)	1.68	(0.05)	1.30	(0.06)	
	Brazil																					
	Acre	11.9	(5.3)	16.7	(7.9)	16.7	(8.0)	1.12	(0.04)	1.29	(0.09)	1.66	(0.19)	0.16	(0.10)	0.38	(0.22)	1.27	(0.06)		c	c
	Alagoas	14.4	(4.8)	21.0	(4.9)	21.8	(5.1)	1.06	(0.04)	c	c	c	c	c	c	c	c	1.25	(0.05)		c	c
	Amapá	10.8	(6.4)	14.3	(8.7)	14.4	(9.1)	c	c	1.18	(0.04)	1.60	(0.11)	c	c	0.41	(0.13)	1.34	(0.05)		c	c
	Amazonas	5.5	(2.8)	9.8	(6.1)	10.6	(6.3)	c	c	1.22	(0.06)	1.40	(0.16)	c	c	0.18	(0.16)	1.24	(0.05)		c	c
	Bahia	11.9	(3.2)	20.1	(4.9)	21.1	(4.9)	1.01	(0.08)	c	c	c	c	c	c	c	c	1.22	(0.07)		c	c
	Ceará	12.8	(4.2)	22.8	(5.3)	23.5	(5.2)	1.29	(0.06)	c	c	c	c	c	c	c	c	1.50	(0.07)		c	c
	Espírito Santo	18.0	(4.8)	22.1	(6.5)	22.5	(6.4)	1.40	(0.05)	1.28	(0.10)	c	c	-0.11	(0.10)	c	c	1.55	(0.07)		c	c
	Federal District	20.4	(6.6)	34.6	(5.2)	34.6	(5.2)	c	c	1.19	(0.05)	1.98	(0.10)	c	c	0.79	(0.10)	1.57	(0.05)		c	c
	Goiás	15.6	(5.2)	27.7	(7.1)	27.7	(7.2)	1.11	(0.10)	1.32	(0.07)	c	c	0.21	(0.11)	c	c	1.38	(0.06)		c	c
	Maranhão	11.2	(6.3)	15.7	(9.2)	15.7	(9.1)	1.19	(0.12)	1.22	(0.10)	c	c	0.03	(0.16)	c	c	1.33	(0.11)		c	c
	Mato Grosso	7.9	(4.3)	13.2	(6.4)	13.6	(6.4)	1.23	(0.11)	1.25	(0.12)	c	c	0.03	(0.18)	c	c	1.35	(0.08)		c	c
	Mato Grosso do Sul	14.9	(4.2)	22.6	(5.6)	23.5	(5.3)	1.23	(0.11)	1.56	(0.07)	1.85	(0.08)	0.33	(0.12)	0.29	(0.11)	1.58	(0.07)		c	c
	Minas Gerais	7.8	(3.5)	9.5	(4.8)	10.7	(5.8)	1.44	(0.06)	1.30	(0.07)	2.06	(0.10)	-0.14	(0.09)	0.76	(0.12)	1.55	(0.07)		c	c
	Pará	7.8	(5.4)	18.2	(10.2)	18.7	(11.0)	1.08	(0.06)	1.31	(0.15)	c	c	0.23	(0.16)	c	c	1.38	(0.05)		c	c
	Paraíba	21.9	(5.3)	25.9	(5.8)	26.9	(5.7)	1.26	(0.08)	1.38	(0.09)	1.99	(0.11)	0.12	(0.11)	0.61	(0.15)	1.57	(0.04)		c	c
	Paraná	15.4	(9.2)	24.9	(14.1)	25.1	(14.0)	1.24	(0.13)	1.26	(0.04)	1.95	(0.26)	0.02	(0.13)	0.69	(0.26)	1.42	(0.09)		c	c
	Pernambuco	9.5	(4.8)	10.0	(6.2)	11.6	(5.8)	1.29	(0.08)	1.33	(0.07)	c	c	0.04	(0.11)	c	c	1.36	(0.05)		c	c
	Piauí	17.1	(5.1)	30.5	(6.7)	30.5	(6.7)	1.31	(0.06)	1.52	(0.08)	c	c	0.21	(0.10)	c	c	1.60	(0.06)		c	c
	Rio de Janeiro	7.1	(3.9)	16.4	(4.9)	17.1	(5.1)	c	c	1.41	(0.07)	2.03	(0.10)	c	c	0.63	(0.13)	1.53	(0.06)		c	c
	Rio Grande do Norte	27.9	(7.1)	44.1	(7.8)	44.6	(7.7)	1.02	(0.06)	1.34	(0.12)	2.24	(0.12)	0.31	(0.17)	0.90	(0.17)	1.34	(0.08)		c	c
	Rio Grande do Sul	7.8	(4.8)	9.8	(6.0)	11.2	(6.5)	1.24	(0.09)	1.33	(0.08)	1.67	(0.15)	0.09	(0.12)	0.34	(0.18)	1.39	(0.04)		c	c
	Rondônia	8.6	(4.8)	10.3	(7.2)	10.3	(7.2)	1.13	(0.06)	1.21	(0.09)	c	c	0.08	(0.11)	c	c	1.25	(0.06)		c	c
	Roraima	15.0	(4.7)	23.6	(5.4)	23.7	(5.3)	1.12	(0.09)	1.27	(0.06)	1.91	(0.07)	0.15	(0.12)	0.63	(0.09)	1.40	(0.06)		c	c
	Santa Catarina	9.2	(5.1)	18.1	(8.4)	18.5	(8.3)	1.26	(0.12)	1.53	(0.07)	c	c	0.26	(0.17)	c	c	1.54	(0.07)		c	c
	São Paulo	13.5	(3.1)	23.4	(5.2)	24.8	(5.1)	1.16	(0.07)	1.23	(0.03)	1.84	(0.07)	0.07	(0.07)	0.60	(0.08)	1.44	(0.03)		c	c
	Sergipe	10.5	(5.6)	22.8	(11.0)	23.6	(11.6)	1.01	(0.10)	1.31	(0.08)	1.95	(0.19)	0.30	(0.12)	0.63	(0.21)	1.40	(0.10)		c	c
	Tocantins	8.9	(3.2)	12.0	(3.1)	12.9	(3.1)	1.32	(0.06)	1.34	(0.06)	1.88	(0.04)	0.02	(0.09)	0.55	(0.07)	1.46	(0.05)		c	c
	Colombia																					
	Bogotá	7.3	(1.9)	10.7	(2.4)	10.7	(2.5)	1.46	(0.15)	1.70	(0.05)	1.98	(0.05)	0.24	(0.16)	0.28	(0.08)	1.79	(0.03)		c	c
	Cali	8.0	(2.7)	10.7	(4.0)	11.3	(4.2)	c	c	1.55	(0.06)	1.96	(0.05)	c	c	0.40	(0.08)	1.76	(0.05)		c	c
Manizales	12.5	(2.7)	15.0	(2.9)	15.1	(2.9)	1.54	(0.10)	1.53	(0.05)	1.99	(0.04)	-0.01	(0.11)	0.46	(0.06)	1.83	(0.04)		c	c	
Medellín	14.0	(4.3)	20.0	(5.0)	20.2	(4.9)	1.43	(0.05)	1.57	(0.05)	1.99	(0.06)	0.14	(0.07)	0.42	(0.07)	1.73	(0.05)		c	c	
Russian Federation																						
Perm Territory region*	3.8	(1.4)	4.6	(1.7)	5.3	(1.4)	1.88	(0.04)	2.01	(0.02)	2.09	(0.03)	0.12	(0.04)	0.08	(0.03)	2.00	(0.02)	2.00	(0.06)		
United Arab Emirates																						
Abu Dhabi*	2.7	(0.9)	5.3	(1.6)	5.8	(1.7)	2.01	(0.05)	2.07	(0.05)	2.29	(0.05)	0.06	(0.07)	0.22	(0.08)	2.00	(0.04)	2.26	(0.03)		
Ajman	5.3	(2.2)	7.2	(3.7)	8.7	(4.5)	1.92	(0.09)	2.06	(0.04)	c	c	0.14	(0.10)	c	c	1.96	(0.08)	2.02	(0.07)		
Dubai*	3.8	(0.8)	4.5	(0.8)	4.5	(0.8)	1.93	(0.03)	2.18	(0.02)	2.25	(0.02)	0.25	(0.03)	0.07	(0.03)	2.01	(0.02)	2.26	(0.01)		
Fujairah	3.7	(1.7)	4.7	(3.3)	9.1	(4.5)	1.95	(0.05)	1.94	(0.09)	c	c	-0.01	(0.09)	c	c	1.91	(0.05)	2.26	(0.14)		
Ras al-Khaimah	5.1	(2.7)	5.1	(2.7)	6.1	(2.4)	2.05	(0.09)	1.96	(0.06)	2.15	(0.08)	-0.09	(0.12)	0.19	(0.10)	1.96	(0.04)	2.19	(0.10)		
Sharjah	2.7	(1.6)	3.7	(2.8)	6.4	(4.2)																



[Part 3/4]
Inequity in access to instructional content: Formal mathematics, by region

Table B2.II.16 *Results based on students' self-reports*

	Formal mathematics																			
	Difference between non-immigrant and immigrant students		Mean among students who speak the language of assessment at home		Mean among students who do not speak the language of assessment at home		Difference between students who speak the language of assessment at home and those who do not		Mean among students in rural schools		Mean among students in town schools (small town and town)		Mean among students in urban schools (city and large city)		Difference between students in rural and town schools		Difference between students in town and urban schools		Difference between students in rural and urban schools	
	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD																				
Australia																				
Australian Capital Territory	0.35	(0.10)	1.67	(0.03)	1.98	(0.14)	-0.31	(0.14)	c	c	c	c	1.70	(0.03)	c	c	c	c	c	c
New South Wales	0.45	(0.05)	1.64	(0.02)	2.14	(0.06)	-0.51	(0.06)	1.40	(0.07)	1.58	(0.03)	1.88	(0.04)	-0.18	(0.08)	-0.30	(0.05)	0.48	(0.07)
Northern Territory	0.01	(0.18)	1.42	(0.07)	c	c	c	c	1.08	(0.09)	1.44	(0.10)	1.48	(0.10)	-0.36	(0.14)	-0.04	(0.12)	0.40	(0.14)
Queensland	0.15	(0.06)	1.67	(0.02)	1.99	(0.11)	-0.32	(0.11)	1.39	(0.08)	1.54	(0.03)	1.77	(0.02)	-0.15	(0.08)	-0.23	(0.04)	0.38	(0.09)
South Australia	0.27	(0.07)	1.50	(0.03)	2.01	(0.09)	-0.51	(0.10)	1.37	(0.13)	1.36	(0.04)	1.62	(0.04)	0.01	(0.14)	-0.26	(0.06)	0.25	(0.14)
Tasmania	0.44	(0.13)	1.37	(0.03)	c	c	c	c	1.32	(0.05)	1.37	(0.04)	1.46	(0.04)	-0.05	(0.06)	-0.08	(0.06)	0.14	(0.06)
Victoria	0.35	(0.06)	1.58	(0.03)	1.99	(0.08)	-0.41	(0.08)	1.55	(0.06)	1.48	(0.04)	1.73	(0.03)	0.07	(0.07)	-0.24	(0.05)	0.18	(0.07)
Western Australia	0.11	(0.06)	1.80	(0.04)	2.18	(0.08)	-0.38	(0.09)	c	c	c	c	1.71	(0.11)	1.89	(0.04)	-0.18	(0.11)	c	c
Belgium																				
Flemish Community*	-0.37	(0.05)	1.82	(0.03)	1.42	(0.06)	0.39	(0.07)	c	c	1.74	(0.03)	1.74	(0.09)	c	c	-0.01	(0.11)	c	c
French Community	-0.15	(0.05)	2.02	(0.02)	1.79	(0.08)	0.23	(0.08)	c	c	1.95	(0.03)	1.97	(0.05)	c	c	-0.02	(0.06)	c	c
German-speaking Community	-0.16	(0.07)	1.51	(0.04)	c	c	c	c	c	c	1.53	(0.03)	c	c	c	c	c	c	c	c
Canada																				
Alberta	0.20	(0.05)	1.88	(0.03)	2.08	(0.07)	-0.20	(0.07)	1.79	(0.09)	1.84	(0.04)	2.01	(0.04)	-0.05	(0.10)	-0.17	(0.05)	0.22	(0.10)
British Columbia	0.22	(0.04)	1.85	(0.03)	2.14	(0.05)	-0.29	(0.05)	c	c	1.86	(0.03)	2.01	(0.04)	c	c	-0.15	(0.05)	c	c
Manitoba	0.13	(0.07)	1.80	(0.03)	1.91	(0.09)	-0.12	(0.09)	1.71	(0.08)	1.77	(0.05)	1.84	(0.03)	-0.06	(0.08)	-0.06	(0.06)	0.12	(0.08)
New Brunswick	0.17	(0.15)	1.71	(0.02)	c	c	c	c	1.66	(0.03)	1.71	(0.03)	1.74	(0.05)	-0.05	(0.05)	-0.02	(0.06)	0.08	(0.06)
Newfoundland and Labrador	c	c	1.96	(0.02)	c	c	c	c	1.82	(0.07)	1.97	(0.03)	2.12	(0.05)	-0.15	(0.07)	-0.05	(0.05)	0.30	(0.09)
Nova Scotia	0.20	(0.11)	2.05	(0.06)	c	c	c	c	2.08	(0.05)	2.00	(0.06)	2.22	(0.05)	0.08	(0.08)	-0.22	(0.08)	0.14	(0.07)
Ontario	0.14	(0.04)	2.00	(0.03)	2.16	(0.04)	-0.15	(0.05)	1.93	(0.04)	1.92	(0.03)	2.11	(0.03)	0.00	(0.05)	-0.19	(0.04)	0.18	(0.05)
Prince Edward Island	0.19	(0.10)	1.72	(0.02)	c	c	c	c	1.64	(0.03)	1.76	(0.03)	c	c	0.12	(0.05)	c	c	c	c
Quebec	0.04	(0.04)	1.98	(0.02)	2.09	(0.06)	-0.11	(0.06)	1.88	(0.07)	1.97	(0.03)	2.03	(0.03)	-0.09	(0.07)	-0.06	(0.04)	0.15	(0.08)
Saskatchewan	0.20	(0.07)	1.85	(0.02)	1.93	(0.08)	-0.09	(0.08)	1.82	(0.03)	1.80	(0.03)	1.92	(0.04)	0.02	(0.05)	-0.12	(0.05)	0.11	(0.04)
Italy																				
Abruzzo	-0.27	(0.09)	1.87	(0.04)	c	c	c	c	c	c	1.84	(0.05)	1.75	(0.08)	c	c	0.09	(0.10)	c	c
Basilicata	c	c	1.92	(0.03)	c	c	c	c	c	c	1.85	(0.03)	c	c	c	c	c	c	c	c
Bolzano	-0.09	(0.10)	1.61	(0.06)	1.22	(0.08)	0.39	(0.11)	1.03	(0.05)	1.42	(0.02)	1.56	(0.03)	-0.39	(0.06)	-0.14	(0.04)	0.53	(0.07)
Calabria	-0.29	(0.14)	1.86	(0.04)	c	c	c	c	c	c	1.80	(0.05)	1.79	(0.12)	c	c	0.00	(0.14)	c	c
Campania	c	c	1.84	(0.05)	c	c	c	c	c	c	1.77	(0.05)	1.75	(0.08)	c	c	0.03	(0.11)	c	c
Emilia Romagna	-0.36	(0.06)	1.91	(0.04)	1.49	(0.09)	0.42	(0.10)	c	c	1.79	(0.06)	1.86	(0.06)	c	c	-0.08	(0.08)	c	c
Friuli Venezia Giulia	-0.28	(0.09)	2.00	(0.03)	1.61	(0.15)	0.39	(0.15)	c	c	1.89	(0.03)	1.91	(0.17)	c	c	-0.02	(0.18)	c	c
Lazio	-0.19	(0.10)	1.89	(0.04)	1.50	(0.18)	0.39	(0.19)	c	c	1.74	(0.08)	2.01	(0.08)	c	c	-0.27	(0.12)	c	c
Liguria	-0.29	(0.07)	1.92	(0.04)	1.59	(0.10)	0.33	(0.11)	c	c	1.86	(0.06)	1.89	(0.08)	c	c	-0.03	(0.11)	c	c
Lombardia	-0.23	(0.05)	1.93	(0.04)	1.57	(0.06)	0.35	(0.06)	c	c	1.91	(0.05)	1.89	(0.08)	c	c	0.03	(0.09)	c	c
Marche	-0.23	(0.07)	1.89	(0.04)	1.65	(0.10)	0.25	(0.11)	c	c	1.89	(0.03)	1.62	(0.14)	c	c	0.27	(0.16)	c	c
Molise	c	c	1.94	(0.03)	c	c	c	c	c	c	1.81	(0.03)	c	c	c	c	c	c	c	c
Piemonte	0.00	(0.08)	1.83	(0.06)	1.84	(0.08)	-0.01	(0.09)	c	c	1.84	(0.04)	2.04	(0.11)	c	c	-0.20	(0.10)	c	c
Puglia	c	c	1.95	(0.04)	c	c	c	c	c	c	1.89	(0.06)	1.98	(0.10)	c	c	-0.10	(0.12)	c	c
Sardegna	c	c	1.73	(0.04)	c	c	c	c	c	c	1.62	(0.05)	1.78	(0.08)	c	c	-0.16	(0.10)	c	c
Sicilia	c	c	1.80	(0.04)	c	c	c	c	c	c	1.73	(0.05)	1.78	(0.09)	c	c	-0.05	(0.11)	c	c
Toscana	-0.48	(0.07)	1.90	(0.04)	1.33	(0.07)	0.57	(0.07)	c	c	1.79	(0.06)	1.93	(0.08)	c	c	-0.14	(0.10)	c	c
Trento	-0.22	(0.08)	1.89	(0.04)	1.54	(0.14)	0.34	(0.13)	1.66	(0.14)	1.88	(0.04)	1.85	(0.09)	-0.22	(0.14)	0.03	(0.11)	0.19	(0.17)
Umbria	-0.20	(0.06)	1.92	(0.03)	1.61	(0.06)	0.30	(0.07)	c	c	1.83	(0.03)	1.92	(0.08)	c	c	-0.08	(0.10)	c	c
Valle d'Aosta	-0.14	(0.09)	1.71	(0.03)	c	c	c	c	1.57	(0.08)	1.76	(0.03)	c	c	-0.19	(0.09)	c	c	c	c
Veneto	-0.36	(0.08)	2.04	(0.05)	1.58	(0.07)	0.47	(0.08)	1.39	(0.07)	2.03	(0.08)	1.94	(0.08)	-0.64	(0.10)	0.09	(0.11)	0.55	(0.11)
Mexico																				
Aguascalientes	c	c	1.84	(0.05)	c	c	c	c	1.39	(0.05)	1.65	(0.06)	1.94	(0.07)	-0.26	(0.08)	-0.29	(0.09)	0.55	(0.08)
Baja California	c	c	1.79	(0.05)	c	c	c	c	c	c	1.80	(0.06)	1.80	(0.06)	c	c	c	c	c	c
Baja California Sur	c	c	1.63	(0.04)	c	c	c	c	1.50	(0.17)	1.60	(0.06)	1.68	(0.10)	-0.10	(0.17)	-0.08	(0.12)	0.18	(0.23)
Campeche	-0.45	(0.10)	1.78	(0.03)	c	c	c	c	1.79	(0.10)	1.70	(0.06)	1.78	(0.04)	0.10	(0.12)	-0.09	(0.07)	-0.01	(0.11)
Chiapas	c	c	1.59	(0.05)	c	c	c	c	1.35	(0.06)	1.65	(0.06)	1.64	(0.10)	-0.30	(0.09)	0.01	(0.12)	0.29	(0.11)
Chihuahua	c	c	1.86	(0.05)	c	c	c	c	1.27	(0.14)	1.90	(0.09)	1.86	(0.06)	-0.63	(0.17)	0.04	(0.09)	0.59	(0.14)
Coahuila	c	c	1.71	(0.05)	c	c	c	c	1.45	(0.10)	1.61	(0.07)	1.80	(0.06)	-0.16	(0.12)	-0.19	(0.09)	0.35	(0.12)
Colima	c	c	1.82	(0.04)	c	c	c	c	1.65	(0.12)	1.67	(0.07)	1.95	(0.06)	-0.02	(0.14)	-0.27	(0.10)	0.30	(0.13)
Distrito Federal	c	c	1.91	(0.04)	c	c	c	c	c	c	1.93	(0.04)	c	c	c	c	c	c	c	c
Durango	c	c	1.73	(0.03)	c	c	c	c	1.48	(0.10)	1.70	(0.05)	1.80	(0.08)	-0.22	(0.13)	-0.10	(0.11)	0.32	(0.13)
Guanajuato	c	c	1.67	(0.05)	c	c	c	c	1.55	(0.07)	1.54	(0.11)	1.79	(0.07)	0.01	(0.15)	-0.26	(0.13)	0.24	(0.09)
Guerrero	c	c	1.54	(0.06)	c	c	c	c	1.34	(0.06)	1.57	(0.08)	1.61	(0.06)	-0.23	(0.10)	-0.04	(0.10)	0.27	(0.08)
Hidalgo	c	c	1.88	(0.04)	c	c	c	c	1.54	(0.07)	1.95	(0.05)	1.92	(0.12)	-0.41	(0.09)	0.03	(0.13)	0.38	(0.15)
Jalisco	c	c	1.74	(0.04)	c	c	c	c	1.49	(0.14)	1.77	(0.05)	1.74	(0.07)	-0.27	(0.15)	0.02	(0.09)	0.25	(0.16)
Mexico	c	c	1.89	(0.03)	c	c	c	c	1.72	(0.11)	1.85	(0.04)	1.95	(0.05)	-0.13	(0.12)	-0.10	(0.06)	0.23	(0.12)
Morelos	c	c	1.79	(0.05)	c	c	c	c	1.60	(0.07)	1.76	(0.07)	1.86	(0.11)	-0.15	(0.10)	-0.10	(0.15)	0.26	(0.13)
Nayarit	c	c	1.65	(0.04)	c	c	c	c	1.57	(0.12)	1.60	(0.05)	1.67	(0.06)						

[Part 4/4]

Inequity in access to instructional content: Formal mathematics, by region

Table B2.II.16 Results based on students' self-reports

		Formal mathematics																					
		Difference between non-immigrant and immigrant students		Mean among students who speak the language of assessment at home		Mean among students who do not speak the language of assessment at home		Difference between students who speak the language of assessment at home and those who do not		Mean among students in rural schools		Mean among students in town schools (small town and town)		Mean among students in urban schools (city and large city)		Difference between students in rural and town schools		Difference between students in town and urban schools		Difference between students in rural and urban schools			
		Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Portugal																						
	Alentejo	c	c	1.73	(0.04)	c	c	c	c	c	c	1.77	(0.03)	c	c	c	c	c	c	c	c	c	
	Spain																						
	Andalusia*	c	c	1.86	(0.03)	c	c	c	c	c	c	1.78	(0.04)	1.96	(0.06)	c	c	-0.18	(0.08)	c	c	c	c
	Aragon*	-0.60	(0.09)	2.02	(0.03)	1.31	(0.16)	0.71	(0.17)	1.72	(0.06)	1.86	(0.06)	1.98	(0.04)	-0.13	(0.09)	-0.13	(0.07)	0.26	(0.07)	c	c
	Asturias*	-0.46	(0.06)	2.02	(0.03)	c	c	c	c	c	c	1.93	(0.04)	2.04	(0.05)	c	c	-0.11	(0.06)	c	c	c	c
	Balearic Islands*	-0.39	(0.06)	1.87	(0.04)	1.48	(0.06)	0.39	(0.08)	c	c	1.68	(0.03)	1.87	(0.08)	c	c	-0.19	(0.09)	c	c	c	c
	Basque Country*	-0.36	(0.05)	1.92	(0.02)	1.59	(0.13)	0.33	(0.13)	1.91	(0.06)	1.85	(0.03)	1.91	(0.03)	0.06	(0.06)	-0.05	(0.04)	0.00	(0.07)	c	c
	Cantabria*	-0.27	(0.09)	1.94	(0.03)	c	c	c	c	1.83	(0.14)	1.86	(0.04)	2.06	(0.05)	-0.03	(0.14)	-0.20	(0.07)	0.23	(0.14)	c	c
	Castile and Leon*	-0.35	(0.09)	2.02	(0.03)	c	c	c	c	c	c	1.97	(0.04)	2.08	(0.05)	c	c	-0.11	(0.07)	c	c	c	c
	Catalonia*	-0.29	(0.07)	2.05	(0.04)	1.64	(0.08)	0.41	(0.09)	c	c	1.88	(0.05)	1.87	(0.08)	c	c	0.01	(0.10)	c	c	c	c
	Extremadura*	0.05	(0.08)	1.80	(0.03)	c	c	c	c	1.65	(0.06)	1.75	(0.03)	2.15	(0.07)	-0.11	(0.06)	-0.39	(0.07)	0.50	(0.09)	c	c
	Galicia*	-0.19	(0.10)	1.85	(0.04)	c	c	c	c	1.60	(0.06)	1.81	(0.04)	1.83	(0.07)	-0.21	(0.07)	-0.02	(0.09)	0.23	(0.09)	c	c
	La Rioja*	-0.52	(0.06)	2.12	(0.02)	1.63	(0.10)	0.50	(0.10)	1.75	(0.07)	1.92	(0.03)	2.12	(0.02)	-0.17	(0.08)	-0.20	(0.04)	0.37	(0.06)	c	c
	Madrid*	-0.37	(0.08)	2.08	(0.03)	1.72	(0.10)	0.36	(0.10)	c	c	1.95	(0.04)	2.05	(0.05)	c	c	-0.10	(0.08)	c	c	c	c
	Murcia*	-0.43	(0.10)	1.91	(0.03)	1.46	(0.14)	0.45	(0.14)	c	c	1.79	(0.04)	1.94	(0.07)	c	c	-0.16	(0.08)	c	c	c	c
	Navarre*	-0.44	(0.05)	2.07	(0.03)	c	c	c	c	1.77	(0.06)	1.99	(0.03)	1.88	(0.05)	-0.23	(0.07)	0.12	(0.05)	0.11	(0.08)	c	c
	United Kingdom																						
	England	0.16	(0.07)	1.65	(0.02)	1.89	(0.08)	-0.23	(0.08)	1.75	(0.06)	1.62	(0.04)	1.76	(0.04)	0.13	(0.08)	-0.14	(0.06)	0.01	(0.06)	c	c
	Northern Ireland	0.11	(0.10)	1.43	(0.02)	1.36	(0.14)	0.07	(0.14)	1.26	(0.15)	1.42	(0.05)	1.40	(0.06)	-0.16	(0.17)	0.03	(0.09)	0.13	(0.16)	c	c
	Scotland*	0.19	(0.06)	1.37	(0.02)	1.35	(0.10)	0.02	(0.10)	1.56	(0.05)	1.37	(0.02)	1.38	(0.04)	0.19	(0.06)	-0.01	(0.05)	-0.19	(0.08)	c	c
Wales	0.26	(0.08)	1.35	(0.02)	1.62	(0.10)	-0.28	(0.10)	1.35	(0.08)	1.34	(0.02)	1.40	(0.03)	0.01	(0.08)	-0.05	(0.04)	0.05	(0.09)	c	c	
United States																							
Connecticut*	-0.06	(0.05)	2.10	(0.03)	1.97	(0.09)	0.12	(0.08)	c	c	2.13	(0.04)	1.93	(0.06)	c	c	0.20	(0.08)	c	c	c	c	
Florida*	0.06	(0.03)	1.99	(0.03)	2.00	(0.05)	-0.01	(0.04)	c	c	1.95	(0.05)	2.04	(0.03)	c	c	-0.09	(0.05)	c	c	c	c	
Massachusetts*	0.02	(0.07)	2.08	(0.05)	2.03	(0.10)	0.05	(0.10)	c	c	2.09	(0.05)	2.00	(0.09)	c	c	0.09	(0.10)	c	c	c	c	
Partners	Argentina																						
	Ciudad Autónoma de Buenos Aires*	-0.38	(0.07)	1.68	(0.05)	c	c	c	c	c	c	c	c	1.59	(0.05)	c	c	c	c	c	c	c	
	Brazil																						
	Acre	c	c	1.27	(0.06)	c	c	c	c	c	c	1.24	(0.09)	1.31	(0.09)	c	c	-0.07	(0.13)	c	c	c	c
	Alagoas	c	c	1.26	(0.05)	c	c	c	c	c	c	1.10	(0.05)	1.63	(0.11)	c	c	-0.53	(0.12)	c	c	c	c
	Amapá	c	c	1.32	(0.04)	c	c	c	c	c	c	1.10	(0.10)	1.42	(0.07)	c	c	-0.32	(0.13)	c	c	c	c
	Amazonas	c	c	1.23	(0.05)	c	c	c	c	c	c	1.19	(0.08)	1.27	(0.05)	c	c	-0.08	(0.07)	c	c	c	c
	Bahia	c	c	1.23	(0.08)	c	c	c	c	c	c	1.11	(0.12)	c	c	c	c	c	c	c	c	c	c
	Ceará	c	c	1.51	(0.07)	c	c	c	c	c	c	1.38	(0.04)	1.68	(0.16)	c	c	-0.30	(0.16)	c	c	c	c
	Espírito Santo	c	c	1.56	(0.07)	c	c	c	c	c	c	1.46	(0.11)	1.66	(0.12)	c	c	-0.20	(0.17)	c	c	c	c
	Federal District	c	c	1.57	(0.05)	c	c	c	c	c	c	1.20	(0.09)	1.65	(0.09)	c	c	-0.45	(0.12)	c	c	c	c
	Goiás	c	c	1.38	(0.06)	c	c	c	c	c	c	1.26	(0.09)	1.55	(0.15)	c	c	-0.29	(0.21)	c	c	c	c
	Maranhão	c	c	1.33	(0.11)	c	c	c	c	c	c	1.18	(0.08)	1.53	(0.19)	c	c	-0.34	(0.21)	c	c	c	c
	Mato Grosso	c	c	1.36	(0.08)	c	c	c	c	c	c	1.36	(0.09)	1.29	(0.13)	c	c	0.07	(0.15)	c	c	c	c
	Mato Grosso do Sul	c	c	1.58	(0.07)	c	c	c	c	c	c	1.39	(0.12)	1.72	(0.07)	c	c	-0.33	(0.13)	c	c	c	c
	Minas Gerais	c	c	1.55	(0.07)	c	c	c	c	c	c	1.52	(0.10)	1.56	(0.08)	c	c	-0.04	(0.13)	c	c	c	c
	Pará	c	c	1.37	(0.05)	c	c	c	c	c	c	1.11	(0.06)	1.64	(0.07)	c	c	-0.53	(0.09)	c	c	c	c
	Paraíba	c	c	1.58	(0.04)	c	c	c	c	c	c	1.34	(0.08)	1.80	(0.05)	c	c	-0.46	(0.09)	c	c	c	c
	Paraná	c	c	1.42	(0.09)	c	c	c	c	c	c	1.34	(0.10)	1.50	(0.18)	c	c	-0.16	(0.24)	c	c	c	c
	Pernambuco	c	c	1.37	(0.06)	c	c	c	c	c	c	1.29	(0.10)	1.40	(0.08)	c	c	-0.12	(0.14)	c	c	c	c
	Piauí	c	c	1.62	(0.06)	c	c	c	c	c	c	1.44	(0.08)	1.94	(0.12)	c	c	-0.49	(0.18)	c	c	c	c
	Rio de Janeiro	c	c	1.53	(0.06)	c	c	c	c	c	c	1.37	(0.09)	1.59	(0.07)	c	c	-0.22	(0.13)	c	c	c	c
	Rio Grande do Norte	c	c	1.34	(0.08)	c	c	c	c	c	c	1.09	(0.07)	1.71	(0.15)	c	c	-0.62	(0.18)	c	c	c	c
	Rio Grande do Sul	c	c	1.39	(0.04)	c	c	c	c	c	c	1.40	(0.03)	1.39	(0.14)	c	c	0.01	(0.15)	c	c	c	c
	Rondônia	c	c	1.26	(0.06)	c	c	c	c	c	c	1.14	(0.05)	1.47	(0.15)	c	c	-0.34	(0.16)	c	c	c	c
	Roraima	c	c	1.39	(0.05)	c	c	c	c	c	c	1.28	(0.11)	1.43	(0.07)	c	c	-0.16	(0.13)	c	c	c	c
	Santa Catarina	c	c	1.54	(0.08)	c	c	c	c	c	c	1.43	(0.08)	1.67	(0.14)	c	c	-0.25	(0.16)	c	c	c	c
	São Paulo	c	c	1.45	(0.03)	c	c	c	c	c	c	1.38	(0.08)	1.47	(0.05)	c	c	-0.09	(0.11)	c	c	c	c
	Sergipe	c	c	1.41	(0.11)	c	c	c	c	c	c	1.26	(0.11)	1.56	(0.19)	c	c	-0.31	(0.22)	c	c	c	c
	Tocantins	c	c	1.47	(0.05)	c	c	c	c	c	c	1.35	(0.04)	1.61	(0.13)	c	c	-0.25	(0.13)	c	c	c	c
	Colombia																						
	Bogotá	c	c	1.79	(0.03)	c	c	c	c	c	c	c	c	1.79	(0.04)	c	c	c	c	c	c	c	c
	Cali	c	c	1.77	(0.05)	c	c	c	c	c	c	c	c	1.74	(0.05)	c	c	c	c	c	c	c	c
Manizales	c	c	1.82	(0.04)	c	c	c	c	1.78	(0.17)	c	c	1.82	(0.04)	c	c	c	c	c	c	0.04	(0.18)	
Medellín	c	c	1.73	(0.05)	c	c	c	c	c	c	c	c	1.73	(0.05)	c	c	c	c	c	c	c	c	
Russian Federation																							
Perm Territory region*	0.00	(0.05)	2.00	(0.02)	c	c	c	c	1.89	(0.05)	2.02	(0.02)	2.03	(0.03)	-0.12	(0.06)	-0.01	(0.04)	0.14	(0.06)	c	c	
United Arab Emirates																							
Abu Dhabi*	0.26	(0.05)	1.98	(0.04)	2.34	(0.06)	-0.36	(0.07)	1.96	(0.10)	2.01	(0.05)	2.22	(0.04)	-0.06	(0.12)	-0.21	(0.07)	0.27	(0.10)	c	c	
Ajman	0.06	(0.09)	1.98	(0.07)	1.72	(0.24)	0.27	(0.24)	c	c	2.03	(0.09)	1.86	(0.10)	c	c	0.17	(0.12)	c	c	c	c	
Dubai*	0.25	(0.03)	1.99	(0.03)	2.24	(0.02)	-0.25	(0.04)	2.20	(0.04)	2.17	(0.04)	2.19	(0.01)	0.04	(0.05)	-0.02	(0.04)	-0.02	(0.04)	c	c	
Fujairah	0.35	(0.13)	1.92	(0.06)	2.30	(0.08)	-0.38	(0.09)	c	c	2.03	(0.06)	1.83	(0.10)	c	c	0.20	(0.13)	c	c	c	c	
Ras al-Khaimah	0.23	(0.10)	1.98	(0.04)	2.22	(0.22)	-0.24	(0.22)	2.16	(0.09)	2.03	(0.08)	1.94	(0.04)	0.14	(0.13)	0.09	(0.10)	-0.23	(0.12)	c	c	
Sharjah	0.33	(0.09)	2.01	(0.12)	2.35	(0.08)	-0.35	(0.15)	c	c	2.22	(0.10)	2.19	(0.08)	c	c	0.03	(0.15)	c	c	c	c	
Umm al-Quwain	0.15	(0.11)	1.83	(0.05)	c	c	c	c	2.04	(0.08)	1.80	(0.05)	c	c	0.2								



[Part 1/6]

Pre-primary school attendance, mathematics performance and students' socio-economic status, by region

Table B2.II.24 Results based on students' self-reports

	Percentage of students with						Mean ESCS ¹						Average mathematics performance of students with						
	No pre-primary school attendance		Pre-primary school attendance for one year or less		Pre-primary school attendance for more than one year		No pre-primary school attendance		Pre-primary school attendance for one year or less		Pre-primary school attendance for more than one year		No pre-primary school attendance		Pre-primary school attendance for one year or less		Pre-primary school attendance for more than one year		
	%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	
Australia																			
Australian Capital Territory	2.1	(0.6)	45.9	(1.5)	51.9	(1.7)	c	c	0.5	(0.0)	0.7	(0.0)	c	c	515	(4.7)	531	(4.9)	
New South Wales	2.8	(0.4)	40.2	(1.1)	57.0	(1.2)	-0.3	(0.1)	0.2	(0.0)	0.3	(0.0)	452	(12.7)	501	(4.0)	523	(4.2)	
Northern Territory	4.7	(1.2)	61.5	(3.3)	33.9	(3.4)	c	c	0.1	(0.1)	0.2	(0.1)	c	c	460	(11.8)	462	(13.2)	
Queensland	5.0	(0.5)	54.6	(1.2)	40.4	(1.1)	0.0	(0.1)	0.1	(0.0)	0.3	(0.0)	466	(9.3)	504	(3.3)	513	(4.2)	
South Australia	5.1	(0.6)	51.5	(1.7)	43.4	(1.7)	-0.1	(0.2)	0.2	(0.0)	0.3	(0.0)	452	(16.0)	496	(4.1)	491	(4.5)	
Tasmania	4.7	(0.7)	60.0	(1.7)	35.3	(1.8)	0.0	(0.1)	0.0	(0.0)	0.1	(0.0)	475	(18.1)	482	(3.5)	479	(6.7)	
Victoria	5.7	(0.5)	36.5	(1.3)	57.8	(1.4)	-0.2	(0.1)	0.2	(0.0)	0.4	(0.0)	461	(9.6)	496	(4.4)	511	(4.0)	
Western Australia	5.8	(0.7)	39.6	(1.3)	54.6	(1.4)	0.0	(0.1)	0.2	(0.0)	0.3	(0.0)	492	(12.8)	508	(4.1)	529	(4.0)	
Belgium																			
Flemish Community*	2.0	(0.3)	3.0	(0.3)	94.9	(0.5)	-0.4	(0.1)	-0.4	(0.2)	0.2	(0.0)	454	(14.3)	442	(14.1)	538	(3.1)	
French Community	2.6	(0.3)	6.1	(0.5)	91.3	(0.6)	-0.5	(0.1)	-0.1	(0.1)	0.2	(0.0)	420	(10.8)	438	(8.2)	502	(3.1)	
German-speaking Community	2.2	(0.5)	32.4	(1.9)	65.4	(2.0)	c	c	0.3	(0.1)	0.3	(0.0)	c	c	509	(6.0)	514	(3.3)	
Canada																			
Alberta	4.6	(0.5)	57.2	(1.6)	38.3	(1.6)	0.4	(0.1)	0.4	(0.0)	0.7	(0.0)	507	(9.4)	508	(4.3)	544	(5.9)	
British Columbia	4.6	(0.6)	50.0	(1.6)	45.4	(1.7)	0.3	(0.1)	0.3	(0.0)	0.7	(0.0)	497	(11.0)	507	(4.2)	549	(4.9)	
Manitoba	6.0	(0.7)	52.9	(1.6)	41.1	(1.5)	-0.2	(0.1)	0.2	(0.0)	0.4	(0.0)	457	(10.6)	490	(3.7)	507	(4.4)	
New Brunswick	7.8	(0.7)	58.8	(1.4)	33.3	(1.5)	0.0	(0.1)	0.3	(0.0)	0.5	(0.1)	470	(7.2)	500	(3.6)	521	(4.7)	
Newfoundland and Labrador	2.8	(0.8)	56.3	(1.9)	41.0	(1.6)	c	c	0.2	(0.0)	0.4	(0.1)	c	c	486	(3.7)	505	(5.8)	
Nova Scotia	17.9	(1.2)	43.0	(1.4)	39.1	(1.2)	-0.1	(0.1)	0.3	(0.1)	0.5	(0.0)	491	(5.9)	496	(4.4)	509	(6.7)	
Ontario	5.8	(0.4)	25.7	(1.3)	68.5	(1.2)	0.2	(0.1)	0.4	(0.1)	0.5	(0.0)	488	(9.1)	503	(5.1)	525	(4.4)	
Prince Edward Island	3.2	(0.5)	58.7	(1.5)	38.0	(1.4)	0.1	(0.1)	0.2	(0.0)	0.5	(0.0)	459	(14.6)	471	(3.6)	497	(3.8)	
Quebec	19.7	(0.9)	45.2	(1.0)	35.2	(1.3)	0.1	(0.0)	0.3	(0.0)	0.5	(0.0)	512	(4.5)	539	(3.6)	553	(4.6)	
Saskatchewan	5.3	(0.7)	54.6	(2.1)	40.1	(1.8)	0.3	(0.1)	0.3	(0.0)	0.5	(0.0)	490	(9.2)	501	(3.3)	523	(4.4)	
Italy																			
Abruzzo	3.7	(0.5)	5.5	(0.8)	90.8	(1.1)	-0.3	(0.1)	-0.1	(0.1)	0.1	(0.0)	405	(12.4)	438	(10.4)	482	(6.5)	
Basilicata	1.6	(0.3)	3.5	(0.5)	94.9	(0.6)	c	c	-0.3	(0.1)	-0.2	(0.0)	c	c	443	(12.0)	468	(4.3)	
Bolzano	3.1	(0.4)	7.5	(0.6)	89.4	(0.7)	-0.6	(0.1)	-0.4	(0.1)	0.0	(0.0)	435	(14.2)	484	(8.4)	512	(2.0)	
Calabria	4.2	(0.5)	6.7	(0.6)	89.1	(0.8)	-0.2	(0.1)	0.0	(0.1)	-0.2	(0.1)	393	(13.6)	414	(12.0)	434	(5.9)	
Campania	3.1	(0.5)	9.0	(1.0)	87.9	(1.2)	-0.4	(0.2)	-0.3	(0.1)	-0.2	(0.1)	384	(14.7)	431	(9.4)	458	(7.9)	
Emilia Romagna	5.8	(0.6)	8.8	(0.8)	85.4	(1.1)	-0.5	(0.1)	-0.4	(0.1)	0.1	(0.0)	423	(16.9)	474	(10.5)	509	(6.7)	
Friuli Venezia Giulia	4.4	(0.7)	3.8	(0.5)	91.8	(0.8)	-0.4	(0.2)	0.1	(0.1)	0.1	(0.0)	452	(16.4)	491	(11.2)	529	(4.3)	
Lazio	4.4	(0.6)	8.4	(0.8)	87.2	(0.9)	0.0	(0.1)	0.0	(0.2)	0.2	(0.1)	428	(15.7)	439	(11.7)	481	(6.5)	
Liguria	6.6	(0.8)	10.4	(1.1)	83.0	(1.2)	-0.2	(0.1)	-0.2	(0.1)	0.1	(0.0)	439	(14.4)	454	(7.7)	497	(6.4)	
Lombardia	3.9	(0.5)	6.9	(0.8)	89.3	(1.0)	-0.4	(0.2)	0.0	(0.1)	0.1	(0.1)	456	(12.4)	483	(9.8)	523	(7.7)	
Marche	6.0	(0.9)	7.0	(0.9)	87.0	(1.1)	-0.4	(0.1)	0.0	(0.1)	0.0	(0.0)	432	(11.4)	458	(11.8)	505	(5.5)	
Molise	3.2	(0.6)	3.6	(0.6)	93.2	(0.8)	-0.1	(0.2)	-0.4	(0.2)	-0.1	(0.0)	433	(18.7)	426	(21.5)	469	(2.5)	
Piemonte	3.8	(0.7)	8.8	(0.7)	87.4	(1.1)	-0.4	(0.2)	-0.2	(0.1)	0.0	(0.0)	466	(12.7)	477	(7.0)	502	(6.8)	
Puglia	2.8	(0.5)	6.9	(0.6)	90.3	(0.7)	-0.7	(0.1)	-0.2	(0.1)	-0.3	(0.0)	438	(14.1)	445	(11.5)	483	(6.2)	
Sardegna	4.4	(0.8)	6.5	(0.8)	89.1	(1.1)	-0.4	(0.1)	-0.1	(0.1)	-0.1	(0.0)	413	(16.1)	443	(12.6)	462	(5.1)	
Sicilia	5.0	(1.0)	13.2	(0.9)	81.8	(1.4)	-0.5	(0.1)	0.0	(0.1)	-0.1	(0.0)	389	(22.0)	436	(9.2)	453	(5.0)	
Toscana	4.6	(0.7)	8.4	(0.8)	87.0	(0.9)	-0.6	(0.1)	-0.1	(0.1)	0.0	(0.1)	419	(11.6)	473	(8.2)	504	(5.2)	
Trento	5.1	(0.9)	4.9	(0.6)	90.1	(1.1)	-0.2	(0.1)	-0.2	(0.1)	0.0	(0.0)	479	(16.3)	488	(11.6)	529	(4.1)	
Umbria	3.9	(0.4)	8.0	(0.6)	88.1	(0.7)	-0.5	(0.1)	0.0	(0.1)	0.2	(0.0)	440	(10.3)	473	(14.5)	498	(6.6)	
Valle d'Aosta	4.3	(0.8)	5.6	(0.8)	90.1	(1.0)	-0.2	(0.2)	-0.2	(0.1)	-0.2	(0.0)	458	(15.6)	457	(13.6)	497	(2.4)	
Veneto	5.6	(1.0)	5.7	(0.7)	88.8	(1.2)	-0.5	(0.1)	-0.3	(0.2)	0.0	(0.0)	458	(15.8)	464	(8.8)	532	(7.6)	
Mexico																			
Aguascalientes	4.9	(0.8)	20.8	(1.3)	74.3	(1.5)	-1.2	(0.1)	-1.1	(0.1)	-0.6	(0.1)	403	(10.4)	438	(7.4)	440	(4.6)	
Baja California	7.8	(1.5)	26.1	(2.0)	66.1	(2.6)	-1.3	(0.2)	-0.9	(0.1)	-0.6	(0.1)	388	(12.8)	415	(6.3)	419	(7.1)	
Baja California Sur	6.4	(1.1)	17.7	(1.8)	75.9	(2.5)	-1.7	(0.1)	-1.0	(0.1)	-0.7	(0.1)	382	(18.0)	392	(7.0)	423	(4.3)	
Campeche	16.2	(1.3)	11.7	(1.2)	72.1	(1.6)	-1.9	(0.1)	-1.7	(0.2)	-1.1	(0.1)	360	(7.4)	385	(8.8)	407	(4.0)	
Chiapas	21.8	(2.1)	12.3	(1.2)	65.8	(2.5)	-2.3	(0.1)	-1.8	(0.2)	-1.6	(0.1)	353	(8.9)	368	(13.0)	382	(7.1)	
Chihuahua	13.9	(2.3)	28.4	(3.1)	57.7	(4.8)	-1.5	(0.1)	-1.0	(0.1)	-0.5	(0.1)	385	(7.5)	423	(6.4)	443	(9.3)	
Coahuila	6.7	(1.0)	18.2	(1.6)	75.1	(2.1)	-1.2	(0.1)	-1.1	(0.1)	-0.7	(0.1)	381	(12.3)	424	(8.5)	421	(8.5)	
Colima	8.3	(1.1)	14.1	(1.5)	77.7	(1.5)	-1.2	(0.2)	-0.9	(0.1)	-0.7	(0.1)	375	(10.1)	437	(8.9)	434	(4.7)	
Distrito Federal	5.6	(0.9)	17.1	(1.1)	77.4	(1.6)	-0.9	(0.3)	-0.7	(0.2)	-0.5	(0.1)	402	(12.2)	421	(6.8)	432	(5.4)	
Durango	7.1	(1.2)	18.5	(1.7)	74.4	(2.3)	-1.6	(0.2)	-1.3	(0.1)	-0.9	(0.1)	389	(15.8)	422	(7.7)	429	(6.5)	
Guanajuato	7.9	(1.7)	14.2	(1.5)	77.9	(1.8)	-1.8	(0.2)	-1.5	(0.1)	-1.2	(0.1)	366	(11.0)	411	(11.2)	417	(5.5)	
Guerrero	15.7	(1.8)	14.8	(1.4)	69.5	(2.5)	-2.2	(0.1)	-1.7	(0.1)	-1.5	(0.1)	345	(6.7)	361	(7.8)	374	(3.6)	
Hidalgo	9.1	(1.3)	26.5	(2.1)	64.4	(2.5)	-2.1	(0.2)	-1.6	(0.1)	-1.3	(0.1)	379	(7.3)	406	(8.5)	412	(6.2)	
Jalisco	7.3	(1.2)	12.7	(1.3)	80.0	(1.4)	-1.7	(0.2)	-1.3	(0.1)	-1.0	(0.1)	401	(12.6)	434	(13.1)	439	(5.6)	
Mexico	8.5	(1.8)	23.7	(1.7)	67.8	(3.0)	-1.7	(0.2)	-1.4	(0.1)	-0.9	(0.1)	400	(11.8)	415	(5.5)	421	(6.4)	
Morelos	8.0	(0.9)	21.2	(1.5)	70.8	(2.0)	-1.5	(0.2)	-1.3	(0.1)	-0.7	(0.1)	387	(12.0)	409	(7.2)	430	(9.1)	
Nayarit	6.3	(1.0)	16.5	(1.3)	77.2	(1.8)	-1.7	(0.2)	-1.1	(0.1)	-0.9	(0.1)	374	(19.0)	412	(9.3)	418	(5.0)	
Nuevo León	4.2	(0.9)	20.3	(1.5)	75.5	(1.4)	-0.6	(0.1)	-0.7	(0.1)	-0.4	(0.2)	413	(14.8)	434	(8.1)	438	(8.8)	
Puebla	11.9	(1.8)	13.9	(1.6)	74.1	(2.6)	-2.3	(0.1)	-1.9	(0.1)	-1.3	(0.1)	371	(9.1)	412	(8.3)	424	(4.7)	
Querétaro	5.0	(1.4)	19.4	(2.0)	75.6	(3.0)	-1.8	(0.2)	-1.4	(0.2)	-0.7	(0.2)	388	(9.5)	421	(9.5)	441	(5.9)	
Quintana Roo	9.2	(1.4)	21.2	(1.5)	69.7	(1.6)	-1.6	(0.1)	-1.1	(0.1)	-0.8	(0.1)	369	(9.0)	400	(5.6)	420	(5.3)	
San Luis Potosí	8.6	(2.3)	12.2	(1.3)	79.2	(3.4)	-2.1	(0.2)	-1.7	(0.2)	-1.1	(0.2)	365	(11.1)	404	(10.3)	419	(7.0)	
Sinaloa	8.1	(1.2)	20.0	(1.8)	71.9	(1.7)	-1.6	(0.1)	-1.1	(0.1)	-0.9	(0.1)	387	(10.3)	412	(6.1)	414	(4.2)	
Tabasco	13.9	(1.6)	11.3	(1.3)	74.8	(1.7)	-1.7	(0.1)	-1.4	(0.2)	-1.0	(0.1)	346	(7.1)	376	(7.6)	386	(4.2)	
Tamaulipas	7.8	(2.6																	

[Part 2/6]

Pre-primary school attendance, mathematics performance and students' socio-economic status, by region

Table B2.II.24 Results based on students' self-reports


	Percentage of students with						Mean ESCS ¹						Average mathematics performance of students with					
	No pre-primary school attendance		Pre-primary school attendance for one year or less		Pre-primary school attendance for more than one year		No pre-primary school attendance		Pre-primary school attendance for one year or less		Pre-primary school attendance for more than one year		No pre-primary school attendance		Pre-primary school attendance for one year or less		Pre-primary school attendance for more than one year	
	%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD																		
Portugal																		
Alentejo	11.3	(1.6)	17.4	(1.3)	71.2	(2.1)	-0.6	(0.2)	-0.7	(0.2)	-0.2	(0.1)	442	(15.1)	458	(12.5)	505	(8.9)
Spain																		
Andalusia*	7.3	(1.2)	10.5	(0.9)	82.1	(1.6)	-0.8	(0.1)	-0.4	(0.1)	-0.3	(0.1)	427	(8.6)	464	(8.3)	478	(3.6)
Aragon*	6.1	(0.9)	7.0	(0.7)	87.0	(1.4)	-0.5	(0.1)	-0.3	(0.1)	0.0	(0.1)	426	(14.8)	446	(11.0)	508	(5.3)
Asturias*	2.5	(0.4)	6.0	(0.7)	91.5	(0.8)	-0.7	(0.1)	-0.5	(0.1)	0.0	(0.0)	405	(14.8)	420	(15.6)	509	(4.1)
Balearic Islands*	7.0	(0.9)	8.3	(1.0)	84.7	(1.5)	-0.7	(0.1)	-0.5	(0.1)	-0.1	(0.0)	407	(10.2)	435	(6.7)	487	(4.8)
Basque Country*	10.3	(0.8)	11.4	(0.6)	78.3	(1.1)	-0.2	(0.1)	-0.2	(0.0)	0.1	(0.0)	487	(5.5)	487	(4.1)	514	(2.6)
Cantabria*	3.8	(0.6)	7.3	(0.8)	88.8	(1.0)	-0.3	(0.1)	-0.4	(0.1)	0.0	(0.0)	443	(10.6)	444	(9.1)	499	(3.6)
Castile and Leon*	4.5	(0.6)	4.8	(0.7)	90.7	(1.0)	-0.7	(0.1)	-0.5	(0.1)	0.0	(0.1)	464	(15.4)	455	(12.5)	515	(4.0)
Catalonia*	6.0	(0.9)	5.2	(0.6)	88.9	(1.2)	-0.6	(0.2)	-0.2	(0.1)	-0.1	(0.1)	434	(8.5)	455	(9.3)	500	(5.0)
Extremadura*	3.6	(0.6)	7.4	(0.8)	88.9	(1.2)	-0.8	(0.2)	-0.6	(0.1)	-0.4	(0.1)	414	(17.8)	426	(8.3)	468	(4.2)
Galicia*	3.5	(0.5)	6.7	(0.7)	89.8	(0.8)	-0.7	(0.2)	-0.5	(0.1)	-0.1	(0.0)	440	(17.8)	443	(9.3)	495	(4.0)
La Rioja*	7.0	(0.7)	5.4	(0.7)	87.6	(0.9)	-0.9	(0.1)	-0.7	(0.1)	0.0	(0.0)	405	(13.7)	433	(11.0)	517	(2.4)
Madrid*	4.5	(0.7)	9.2	(1.0)	86.4	(1.3)	-0.6	(0.1)	-0.4	(0.1)	0.2	(0.1)	464	(12.4)	458	(9.0)	512	(3.5)
Murcia*	6.9	(1.2)	8.2	(0.7)	84.9	(1.5)	-0.9	(0.2)	-0.5	(0.1)	-0.4	(0.0)	396	(10.2)	439	(9.7)	471	(4.9)
Navarre*	9.4	(0.9)	9.9	(1.0)	80.7	(1.5)	-0.3	(0.1)	-0.4	(0.1)	0.0	(0.0)	488	(8.6)	484	(9.5)	525	(3.1)
United Kingdom																		
England	4.6	(0.4)	24.7	(0.6)	70.6	(0.8)	-0.1	(0.1)	0.2	(0.0)	0.4	(0.0)	447	(9.2)	481	(4.7)	509	(3.3)
Northern Ireland	7.7	(0.6)	49.6	(1.3)	42.8	(1.3)	0.0	(0.1)	0.3	(0.0)	0.4	(0.0)	459	(8.2)	489	(4.1)	496	(4.2)
Scotland*	3.0	(0.3)	29.5	(1.0)	67.5	(1.0)	-0.1	(0.1)	0.0	(0.0)	0.2	(0.0)	459	(10.8)	492	(3.8)	505	(2.8)
Wales	5.6	(0.4)	27.3	(0.8)	67.1	(0.9)	0.0	(0.1)	0.0	(0.0)	0.3	(0.0)	429	(6.4)	459	(3.5)	478	(2.3)
United States																		
Connecticut*	0.9	(0.3)	12.6	(0.9)	86.5	(1.1)	c	c	0.0	(0.1)	0.6	(0.1)	c	c	481	(7.2)	512	(6.2)
Florida*	1.6	(0.3)	20.8	(1.5)	77.6	(1.5)	-0.1	(0.2)	0.1	(0.1)	0.2	(0.1)	436	(13.5)	467	(5.3)	469	(6.2)
Massachusetts*	1.1	(0.3)	13.8	(1.1)	85.1	(1.1)	c	c	0.1	(0.1)	0.5	(0.1)	c	c	496	(7.2)	518	(6.5)
Partners																		
Argentina																		
Ciudad Autónoma de Buenos Aires*	3.7	(0.6)	9.3	(0.9)	87.0	(1.3)	-1.0	(0.2)	-0.9	(0.1)	-0.1	(0.1)	354	(18.5)	357	(8.8)	430	(6.8)
Brazil																		
Acre	27.3	(3.6)	34.9	(2.6)	37.7	(3.6)	-1.8	(0.1)	-1.3	(0.1)	-1.1	(0.1)	337	(5.8)	354	(5.7)	381	(7.7)
Alagoas	29.2	(2.0)	34.0	(2.3)	36.7	(1.9)	-2.1	(0.1)	-1.7	(0.2)	-1.3	(0.1)	325	(7.7)	340	(7.5)	363	(9.0)
Amapá	19.2	(2.9)	31.2	(2.1)	49.6	(3.1)	-1.3	(0.1)	-0.9	(0.2)	-0.8	(0.1)	341	(10.6)	357	(8.7)	373	(8.7)
Amazonas	32.6	(2.7)	28.4	(1.9)	39.0	(2.8)	-1.3	(0.1)	-1.0	(0.1)	-0.9	(0.1)	348	(6.0)	351	(6.2)	369	(9.5)
Bahia	28.0	(4.9)	29.1	(3.9)	42.9	(5.1)	-1.9	(0.2)	-1.5	(0.1)	-1.2	(0.1)	353	(10.7)	372	(12.6)	393	(11.2)
Ceará	25.7	(1.9)	25.5	(2.0)	48.7	(2.1)	-1.6	(0.1)	-1.7	(0.1)	-1.4	(0.1)	367	(10.8)	369	(8.4)	394	(11.8)
Espírito Santo	14.9	(1.1)	21.7	(1.9)	63.4	(2.4)	-1.5	(0.1)	-1.2	(0.2)	-1.1	(0.1)	392	(10.4)	414	(13.0)	423	(11.1)
Federal District	11.4	(0.7)	28.0	(2.0)	60.5	(2.0)	-1.3	(0.1)	-0.9	(0.1)	-0.4	(0.1)	388	(10.8)	396	(9.2)	434	(10.3)
Goiás	22.6	(1.2)	37.1	(2.3)	40.3	(2.1)	-1.6	(0.1)	-1.4	(0.1)	-1.0	(0.1)	369	(8.8)	373	(7.2)	395	(6.4)
Maranhão	20.8	(2.3)	26.2	(2.4)	53.0	(2.7)	-1.4	(0.2)	-1.4	(0.1)	-1.4	(0.2)	345	(14.6)	336	(12.1)	352	(15.1)
Mato Grosso	31.3	(2.5)	35.0	(2.6)	33.7	(3.1)	-1.6	(0.1)	-1.4	(0.1)	-0.9	(0.1)	356	(9.2)	365	(8.8)	392	(12.1)
Mato Grosso do Sul	22.7	(2.7)	34.0	(2.7)	43.3	(3.6)	-1.8	(0.1)	-1.0	(0.1)	-0.5	(0.1)	376	(8.5)	403	(5.8)	433	(10.5)
Minas Gerais	12.4	(1.8)	34.3	(2.3)	53.3	(2.6)	-1.6	(0.2)	-1.5	(0.1)	-1.1	(0.1)	404	(12.4)	385	(7.6)	416	(7.0)
Pará	23.8	(2.2)	27.1	(2.2)	49.1	(2.0)	-1.4	(0.1)	-1.2	(0.2)	-1.1	(0.2)	348	(5.5)	358	(5.7)	370	(5.6)
Paraíba	23.4	(2.7)	31.0	(2.7)	45.6	(4.4)	-1.5	(0.2)	-1.3	(0.1)	-0.8	(0.1)	372	(9.6)	388	(12.5)	417	(5.2)
Paraná	23.4	(2.4)	38.3	(3.3)	38.3	(3.8)	-1.6	(0.1)	-1.2	(0.1)	-0.7	(0.2)	370	(8.0)	399	(4.9)	434	(21.4)
Pernambuco	27.7	(3.1)	31.8	(2.0)	40.5	(3.5)	-1.9	(0.1)	-1.7	(0.1)	-1.4	(0.1)	353	(7.4)	355	(9.4)	378	(8.1)
Piauí	14.7	(2.2)	29.0	(1.7)	56.3	(2.1)	-1.8	(0.2)	-1.2	(0.2)	-1.1	(0.1)	355	(15.0)	374	(10.8)	402	(5.5)
Rio de Janeiro	21.5	(2.0)	28.1	(2.5)	50.4	(3.5)	-1.2	(0.1)	-1.0	(0.1)	-0.8	(0.1)	372	(8.4)	382	(8.8)	401	(7.6)
Rio Grande do Norte	19.5	(1.7)	30.6	(2.2)	49.9	(2.8)	-1.7	(0.2)	-1.5	(0.1)	-1.1	(0.2)	353	(8.7)	369	(9.4)	399	(13.6)
Rio Grande do Sul	22.0	(2.1)	44.8	(1.9)	33.2	(2.3)	-1.5	(0.1)	-1.3	(0.1)	-0.9	(0.1)	392	(7.5)	412	(5.1)	414	(7.5)
Rondônia	35.5	(3.5)	28.0	(1.9)	36.5	(3.0)	-2.0	(0.2)	-1.3	(0.2)	-0.9	(0.2)	372	(5.5)	377	(8.2)	397	(7.2)
Roraima	24.3	(1.9)	27.4	(1.6)	48.2	(2.2)	-1.4	(0.1)	-1.1	(0.1)	-0.8	(0.1)	338	(6.1)	357	(7.1)	380	(8.2)
Santa Catarina	18.0	(2.4)	38.9	(2.9)	43.2	(4.6)	-1.5	(0.1)	-1.4	(0.1)	-0.9	(0.2)	378	(9.9)	414	(6.1)	436	(9.7)
São Paulo	11.2	(0.9)	35.5	(1.8)	53.4	(1.9)	-1.5	(0.1)	-1.0	(0.1)	-0.8	(0.1)	368	(5.6)	395	(4.6)	419	(5.8)
Sergipe	12.4	(2.0)	37.1	(2.1)	50.5	(2.5)	-1.7	(0.1)	-1.3	(0.1)	-1.1	(0.1)	374	(8.4)	370	(10.6)	399	(9.7)
Tocantins	28.6	(2.5)	38.1	(2.2)	33.3	(2.5)	-1.6	(0.1)	-1.2	(0.1)	-1.1	(0.1)	355	(7.8)	360	(6.7)	381	(10.7)
Colombia																		
Bogotá	11.0	(1.0)	59.9	(1.7)	29.1	(1.7)	-1.3	(0.1)	-1.1	(0.1)	-1.0	(0.1)	382	(6.0)	393	(3.0)	398	(6.9)
Cali	16.3	(1.3)	47.3	(1.8)	36.5	(1.7)	-1.1	(0.1)	-0.8	(0.1)	-0.7	(0.1)	362	(8.5)	385	(6.7)	381	(7.5)
Manizales	8.4	(1.4)	53.0	(1.3)	38.6	(1.7)	-1.6	(0.1)	-0.8	(0.1)	-0.5	(0.1)	382	(7.7)	404	(5.5)	411	(5.4)
Medellín	8.6	(1.4)	59.5	(1.8)	32.0	(2.0)	-1.8	(0.1)	-1.0	(0.1)	-0.5	(0.1)	347	(7.9)	390	(5.5)	417	(14.3)
Russian Federation																		
Perm Territory region*	10.0	(1.1)	6.9	(0.7)	83.1	(1.4)	-0.6	(0.1)	-0.3	(0.1)	0.0	(0.0)	449	(7.6)	461	(12.5)	491	(5.4)
United Arab Emirates																		
Abu Dhabi*	27.1	(1.1)	25.6	(1.0)	47.3	(1.3)	-0.1	(0.0)	0.3	(0.0)	0.5	(0.0)	389	(4.7)	425	(5.9)	443	(4.1)
Ajman	40.8	(3.0)	25.9	(1.7)	33.3	(3.5)	-0.3	(0.1)	0.0	(0.1)	0.1	(0.1)	390	(8.9)	404	(9.5)	429	(7.8)
Dubai*	17.3	(0.6)	28.9	(0.8)	53.9	(0.8)	0.3	(0.0)	0.5	(0.0)	0.6	(0.0)	425	(4.0)	467	(2.8)	480	(1.8)
Fujairah	26.4	(2.9)	20.8	(1.8)	52.7	(2.6)	-0.3	(0.1)	0.1	(0.1)	0.1	(0.1)	388	(8.5)	404	(18.7)	431	(7.2)
Ras al-Khaimah	27.3	(3.6)	22.1	(2.2)	50.6	(3.4)	-0.3	(0.1)	0.1	(0.1)	0.2	(0.1)	399	(8.6)	414	(8.8)	428	(6.5)
Sharjah	18.8	(2.4)	29.2	(2.0)	52.1	(3.4)	0.2	(0.1)	0.4	(0.0)	0.5	(0.1)	406	(10.2)	440	(9.2)	456	(12.6)
Umm al-Quwain	32.2	(2.3)	20.0	(2.4)	47.8	(2.8)	-0.4	(0.1)	0.0	(0.1)	0.0	(0.1)	383	(6.0)	394	(9.0)	413	(7.4)

* PISA adjudicated region.

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.4.12 for national data.

1. ESCS refers to the PISA index of economic, social and cultural status.

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[Part 3/6]

Pre-primary school attendance, mathematics performance and students' socio-economic status, by region

Table B2.II.24 Results based on students' self-reports


	Difference in mathematics performance between students who reported having attended pre-primary school for one year or less and those who had not attended pre-primary school				Difference in mathematics performance between students who reported having attended pre-primary school for more than one year and those who had not attended pre-primary school				Increased likelihood of students who had not attended pre-primary school scoring in the bottom quarter of the national mathematics performance distribution		Population relevance of students who had not attended pre-primary school scoring in the bottom quarter of the national mathematics performance distribution	
	Before accounting for student's ESCS ¹		After accounting for student's ESCS ¹		Before accounting for student's ESCS ¹		After accounting for student's ESCS ¹		Ratio	S.E.	%	S.E.
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.				
OECD												
Australia												
Australian Capital Territory												
New South Wales	49	(12.9)	32	(13.8)	71	(13.0)	41	(13.8)	2.03	(0.3)	3	(0.8)
Northern Territory												
Queensland	39	(9.4)	31	(9.0)	47	(9.4)	30	(9.0)	1.76	(0.2)	4	(1.0)
South Australia	44	(15.6)	35	(13.4)	39	(15.9)	24	(13.4)	1.96	(0.3)	5	(1.5)
Tasmania	7	(18.6)	5	(17.3)	4	(20.1)	-3	(18.3)	1.30	(0.3)	1	(1.3)
Victoria	34	(8.5)	24	(8.7)	49	(9.2)	30	(9.1)	1.98	(0.2)	5	(1.3)
Western Australia	17	(12.6)	12	(11.0)	38	(12.5)	23	(10.5)	1.55	(0.2)	3	(1.4)
Belgium												
Flemish Community*	-12	(18.2)	-14	(16.1)	83	(13.6)	53	(12.9)				
French Community	18	(12.8)	4	(10.6)	82	(10.6)	54	(9.1)	2.26	(0.3)	3	(0.9)
German-speaking Community												
Canada												
Alberta	2	(9.2)	2	(9.2)	38	(9.7)	27	(10.0)	1.27	(0.2)	1	(1.0)
British Columbia	10	(10.9)	9	(11.0)	52	(11.8)	43	(11.7)	1.53	(0.3)	2	(1.2)
Manitoba	34	(11.0)	21	(9.6)	51	(12.1)	25	(9.9)	1.51	(0.3)	3	(1.7)
New Brunswick	29	(8.3)	21	(8.1)	50	(9.0)	42	(9.2)	1.72	(0.2)	5	(1.6)
Newfoundland and Labrador												
Nova Scotia	4	(7.8)	-6	(7.2)	18	(8.9)	0	(9.6)	1.18	(0.2)	3	(3.2)
Ontario	16	(8.4)	10	(8.3)	37	(8.8)	27	(7.9)	1.34	(0.2)	2	(1.0)
Prince Edward Island	12	(15.5)	8	(14.9)	38	(15.2)	22	(15.1)	1.52	(0.4)	2	(1.2)
Quebec	27	(4.5)	21	(4.4)	41	(5.6)	24	(5.1)	1.53	(0.1)	9	(1.9)
Saskatchewan	11	(9.6)	10	(9.9)	33	(9.0)	26	(9.2)	1.34	(0.3)	2	(1.4)
Italy												
Abruzzo	33	(15.3)	29	(14.4)	76	(12.4)	69	(12.5)	2.14	(0.4)	4	(1.2)
Basilicata												
Bolzano	49	(16.0)	46	(15.7)	77	(14.4)	61	(14.2)	2.20	(0.3)	4	(0.9)
Calabria	21	(17.6)	17	(16.9)	41	(15.0)	41	(14.6)	1.60	(0.4)	2	(1.3)
Campania	48	(12.2)	40	(12.0)	74	(14.5)	66	(12.3)	2.52	(0.4)	4	(1.2)
Emilia Romagna	51	(16.6)	43	(14.8)	86	(16.2)	66	(13.4)	2.03	(0.3)	6	(1.8)
Friuli Venezia Giulia	39	(19.6)	30	(17.3)	76	(16.2)	64	(14.7)	2.22	(0.5)	5	(2.2)
Lazio	11	(16.8)	11	(16.1)	53	(14.1)	49	(14.7)	2.05	(0.4)	4	(1.7)
Liguria	14	(14.7)	12	(12.8)	58	(13.1)	48	(10.9)	1.82	(0.3)	5	(2.2)
Lombardia	27	(14.0)	13	(14.2)	66	(13.0)	52	(12.9)	2.00	(0.4)	4	(1.2)
Marche	27	(18.1)	22	(21.0)	74	(10.5)	67	(10.7)	2.36	(0.4)	8	(2.5)
Molise	-7	(29.3)	3	(28.7)	36	(18.7)	36	(18.1)	2.07	(0.5)	3	(1.4)
Piemonte	11	(15.6)	10	(15.6)	36	(16.5)	27	(16.8)	1.66	(0.4)	2	(1.6)
Puglia	7	(17.0)	-6	(16.8)	44	(14.7)	31	(14.4)	1.83	(0.6)	2	(1.5)
Sardegna	30	(19.4)	20	(20.4)	49	(15.3)	42	(16.1)	1.61	(0.4)	3	(1.6)
Sicilia	47	(22.2)	35	(19.8)	64	(21.0)	55	(19.4)	2.06	(0.4)	5	(2.4)
Toscana	54	(12.4)	41	(12.7)	84	(12.6)	64	(11.2)	2.61	(0.3)	7	(1.4)
Trento	9	(18.6)	10	(18.9)	50	(16.6)	45	(16.5)	1.73	(0.4)	4	(1.8)
Umbria	33	(15.8)	22	(16.6)	58	(10.4)	45	(10.6)	1.51	(0.3)	2	(1.1)
Valle d'Aosta	-1	(23.4)	-2	(22.3)	39	(15.8)	39	(15.3)	1.66	(0.4)	3	(1.6)
Veneto	7	(15.4)	-1	(15.2)	74	(13.8)	61	(12.5)	2.53	(0.3)	8	(2.0)
Mexico												
Aguascalientes	35	(10.7)	33	(10.7)	37	(10.4)	24	(10.8)	1.66	(0.5)	3	(2.4)
Baja California	27	(10.3)	24	(9.1)	30	(14.5)	21	(12.7)	1.54	(0.4)	4	(2.6)
Baja California Sur	9	(14.7)	-2	(14.5)	40	(16.6)	21	(15.6)	1.99	(0.4)	6	(2.3)
Campeche	26	(10.7)	23	(11.2)	47	(7.1)	36	(7.4)	2.24	(0.4)	17	(4.0)
Chiapas	15	(12.5)	14	(11.7)	30	(8.5)	24	(8.4)	1.53	(0.3)	10	(4.6)
Chihuahua	38	(8.4)	32	(8.6)	58	(9.2)	38	(10.1)	2.42	(0.4)	16	(4.2)
Coahuila	43	(11.2)	40	(10.9)	39	(9.4)	26	(9.1)	1.87	(0.3)	5	(2.0)
Colima	62	(12.7)	58	(11.8)	59	(8.7)	47	(7.6)	2.39	(0.2)	10	(1.7)
Distrito Federal	19	(14.1)	16	(14.2)	30	(12.4)	21	(11.4)	1.66	(0.4)	4	(2.0)
Durango	33	(15.9)	30	(14.9)	40	(17.5)	26	(17.2)	1.83	(0.6)	6	(3.9)
Guanajuato	45	(14.3)	40	(13.6)	51	(10.2)	38	(9.1)	2.03	(0.4)	8	(3.7)
Guerrero	16	(8.6)	13	(8.7)	30	(6.7)	22	(6.8)	1.55	(0.2)	8	(3.6)
Hidalgo	27	(10.3)	20	(9.9)	33	(8.3)	16	(8.1)	1.44	(0.2)	4	(1.9)
Jalisco	32	(11.9)	29	(11.4)	37	(12.5)	29	(11.1)	1.75	(0.4)	5	(3.0)
Mexico	15	(12.0)	11	(11.8)	21	(11.5)	10	(11.2)	1.55	(0.3)	4	(3.5)
Morelos	22	(9.3)	18	(9.7)	43	(11.1)	20	(10.6)	1.79	(0.4)	6	(2.6)
Nayarit	38	(15.9)	30	(15.6)	44	(18.2)	33	(18.0)	1.95	(0.4)	6	(2.5)
Nuevo León	21	(13.4)	23	(12.9)	25	(14.5)	20	(13.7)	1.47	(0.5)	2	(2.1)
Puebla	42	(11.4)	36	(11.6)	53	(8.5)	35	(8.5)	2.02	(0.3)	11	(3.0)
Querétaro	33	(11.3)	27	(11.7)	54	(9.9)	35	(11.1)	2.02	(0.5)	5	(2.6)
Quintana Roo	31	(9.7)	27	(10.3)	51	(8.4)	37	(9.2)	2.02	(0.3)	9	(2.3)
San Luis Potosí	39	(12.1)	33	(10.4)	54	(11.6)	32	(8.3)	2.07	(0.4)	8	(4.5)
Sinaloa	25	(10.9)	20	(11.1)	27	(8.7)	16	(8.9)	1.65	(0.3)	5	(1.9)
Tabasco	31	(9.7)	29	(9.5)	40	(6.6)	31	(7.4)	1.80	(0.4)	10	(4.8)
Tamaulipas	28	(11.7)	24	(11.7)	35	(11.0)	16	(9.5)	1.55	(0.3)	4	(2.3)
Tlaxcala	38	(11.1)	35	(10.5)	42	(10.3)	31	(9.7)	2.11	(0.4)	6	(2.2)
Veracruz	19	(10.8)	16	(11.5)	29	(8.9)	17	(9.2)	1.47	(0.4)	5	(3.4)
Yucatán	29	(9.5)	20	(10.1)	45	(8.3)	32	(7.8)	1.93	(0.4)	9	(3.9)
Zacatecas	41	(11.9)	38	(11.2)	43	(9.2)	35	(8.8)	2.01	(0.3)	8	(2.7)

* PISA adjudicated region.

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.4.12 for national data.

1. ESCS refers to the PISA index of economic, social and cultural status.

StatLink  <http://dx.doi.org/10.1787/888932964965>

[Part 4/6]

Pre-primary school attendance, mathematics performance and students' socio-economic status, by region

Table B2.II.24 Results based on students' self-reports


	Difference in mathematics performance between students who reported having attended pre-primary school for one year or less and those who had not attended pre-primary school				Difference in mathematics performance between students who reported having attended pre-primary school for more than one year and those who had not attended pre-primary school				Increased likelihood of students who had not attended pre-primary school scoring in the bottom quarter of the national mathematics performance distribution		Population relevance of students who had not attended pre-primary school scoring in the bottom quarter of the national mathematics performance distribution	
	Before accounting for student's ESCS ¹		After accounting for student's ESCS ¹		Before accounting for student's ESCS ¹		After accounting for student's ESCS ¹		Ratio	S.E.	%	S.E.
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.				
OECD												
Portugal												
Alentejo	16	(10.6)	18	(9.4)	63	(9.8)	50	(8.6)	2.15	(0.4)	12	(3.9)
Spain												
Andalusia*	37	(10.6)	24	(11.0)	51	(8.4)	37	(8.4)	2.01	(0.3)	7	(1.8)
Aragon*	21	(17.2)	11	(12.6)	82	(14.1)	66	(11.2)	2.50	(0.3)	8	(1.9)
Asturias*	15	(19.3)	8	(18.2)	103	(14.9)	81	(14.0)	2.95	(0.4)	5	(1.2)
Balearic Islands*	29	(10.8)	25	(9.6)	80	(9.2)	63	(8.5)	2.50	(0.3)	9	(1.9)
Basque Country*	0	(6.0)	-2	(5.8)	27	(5.5)	19	(5.3)	1.38	(0.1)	4	(1.2)
Cantabria*	1	(15.5)	2	(15.1)	56	(10.5)	48	(10.1)	2.12	(0.3)	4	(1.1)
Castile and Leon*	-8	(16.3)	-14	(12.7)	51	(14.6)	34	(12.5)	1.90	(0.3)	4	(1.4)
Catalonia*	21	(12.5)	13	(13.0)	67	(8.6)	50	(8.0)	2.15	(0.3)	6	(1.6)
Extremadura*	12	(17.8)	5	(14.6)	54	(16.1)	42	(13.8)	1.74	(0.3)	3	(1.1)
Galicia*	3	(21.5)	-3	(20.1)	55	(17.4)	41	(16.3)	1.92	(0.3)	3	(1.2)
La Rioja*	28	(16.5)	22	(16.0)	113	(14.1)	84	(13.9)	2.95	(0.3)	12	(2.1)
Madrid*	-6	(15.3)	-15	(13.0)	47	(11.9)	21	(10.3)	1.64	(0.3)	3	(1.2)
Murcia*	43	(12.4)	33	(13.2)	76	(10.3)	60	(9.4)	2.45	(0.3)	9	(2.4)
Navarre*	-4	(12.4)	-2	(12.3)	37	(8.3)	29	(8.3)	1.57	(0.2)	5	(1.6)
United Kingdom												
England	33	(8.4)	24	(8.1)	62	(8.8)	43	(8.5)	1.89	(0.2)	4	(0.7)
Northern Ireland	30	(7.9)	20	(7.8)	37	(9.0)	20	(8.6)	1.58	(0.2)	4	(1.4)
Scotland*	32	(10.6)	28	(10.2)	46	(10.8)	35	(10.5)	1.84	(0.3)	2	(0.9)
Wales	31	(7.1)	30	(6.7)	49	(6.9)	41	(6.4)	1.75	(0.2)	4	(0.9)
United States												
Connecticut*	c	c	c	c	c	c	c	c	c	c	c	c
Florida*	30	(14.2)	26	(12.9)	33	(13.8)	20	(12.4)	1.56	(0.4)	1	(0.6)
Massachusetts*	c	c	c	c	c	c	c	c	c	c	c	c
Partners												
Argentina												
Ciudad Autónoma de Buenos Aires*	4	(19.2)	1	(15.5)	76	(18.3)	40	(13.5)	2.34	(0.5)	5	(1.8)
Brazil												
Acre	16	(5.1)	8	(5.9)	44	(7.7)	30	(7.5)	1.64	(0.3)	15	(6.0)
Alagoas	14	(8.8)	9	(8.9)	38	(9.8)	22	(9.1)	1.28	(0.2)	7	(5.6)
Amapá	15	(7.1)	6	(10.0)	32	(6.5)	23	(7.7)	1.76	(0.3)	13	(4.2)
Amazonas	3	(8.4)	1	(8.4)	21	(11.1)	15	(9.9)	1.22	(0.4)	6	(10.1)
Bahia	18	(15.6)	8	(12.7)	39	(17.1)	22	(14.7)	1.64	(0.6)	15	(12.4)
Ceará	2	(12.3)	4	(12.2)	27	(12.1)	21	(11.4)	1.30	(0.3)	7	(7.2)
Espírito Santo	21	(10.1)	14	(9.9)	31	(8.3)	17	(7.5)	1.25	(0.3)	3	(4.2)
Federal District	8	(10.5)	-5	(7.8)	46	(8.6)	12	(8.5)	1.48	(0.4)	5	(3.6)
Goiás	4	(8.8)	-1	(8.4)	26	(7.4)	7	(6.5)	1.32	(0.2)	7	(3.8)
Maranhão	-9	(9.9)	-9	(11.0)	8	(7.2)	8	(7.8)	1.00	(0.2)	0	(4.4)
Mato Grosso	9	(8.2)	6	(7.8)	36	(10.5)	20	(7.9)	1.33	(0.3)	9	(6.7)
Mato Grosso do Sul	26	(9.5)	14	(8.9)	57	(13.2)	19	(10.9)	1.85	(0.4)	16	(6.8)
Minas Gerais	-19	(9.3)	-21	(9.5)	11	(10.5)	-2	(10.0)	0.99	(0.2)	0	(2.8)
Pará	11	(7.5)	7	(7.0)	22	(6.4)	14	(7.0)	1.32	(0.2)	7	(4.8)
Paraíba	17	(13.7)	9	(9.1)	46	(8.0)	24	(8.1)	1.80	(0.3)	16	(5.3)
Paraná	29	(7.4)	20	(8.0)	64	(18.5)	29	(7.9)	1.91	(0.3)	17	(5.2)
Pernambuco	2	(8.0)	-1	(7.7)	25	(6.5)	14	(5.1)	1.08	(0.2)	2	(4.8)
Piauí	19	(9.8)	-1	(10.8)	47	(10.8)	25	(11.6)	1.79	(0.4)	10	(5.1)
Rio de Janeiro	10	(10.1)	6	(9.3)	29	(10.3)	20	(8.0)	1.35	(0.2)	7	(4.2)
Rio Grande do Norte	16	(10.3)	11	(9.9)	46	(15.4)	24	(10.5)	1.59	(0.4)	10	(6.0)
Rio Grande do Sul	19	(8.6)	16	(8.8)	21	(9.4)	12	(11.3)	1.54	(0.4)	11	(7.2)
Rondônia	6	(10.4)	0	(10.1)	26	(7.6)	15	(8.1)	1.39	(0.3)	12	(6.7)
Roraima	19	(7.8)	12	(8.1)	42	(11.1)	25	(9.3)	1.71	(0.3)	15	(6.0)
Santa Catarina	36	(8.3)	33	(8.1)	58	(10.9)	46	(9.9)	2.14	(0.4)	17	(4.5)
São Paulo	27	(6.8)	21	(6.1)	51	(7.6)	30	(6.2)	1.79	(0.2)	8	(1.7)
Sergipe	-5	(11.5)	-10	(10.0)	24	(10.5)	14	(8.1)	1.02	(0.3)	0	(3.6)
Tocantins	6	(6.9)	-2	(6.0)	26	(9.2)	13	(6.7)	1.34	(0.2)	9	(5.4)
Colombia												
Bogotá	11	(6.1)	8	(6.4)	15	(8.4)	7	(7.4)	1.20	(0.2)	2	(2.1)
Cali	23	(8.9)	15	(7.7)	19	(8.3)	7	(7.4)	1.47	(0.3)	7	(3.8)
Manizales	22	(10.1)	-3	(7.6)	29	(10.9)	-4	(10.2)	1.75	(0.3)	6	(2.6)
Medellín	43	(8.6)	25	(8.7)	70	(15.2)	14	(8.7)	2.16	(0.3)	9	(2.9)
Russian Federation												
Perm Territory region*	12	(13.2)	0	(11.9)	42	(8.1)	22	(7.5)	1.66	(0.2)	6	(2.0)
United Arab Emirates												
Abu Dhabi*	37	(6.0)	29	(5.3)	54	(5.6)	43	(5.8)	1.99	(0.2)	21	(2.6)
Ajman	14	(10.5)	8	(9.6)	39	(7.8)	32	(7.2)	1.65	(0.2)	21	(6.9)
Dubai*	43	(5.0)	31	(5.2)	55	(4.7)	43	(4.6)	2.00	(0.1)	15	(1.7)
Fujairah	16	(14.8)	10	(13.0)	43	(7.7)	36	(7.9)	1.70	(0.3)	16	(5.6)
Ras al-Khaimah	14	(8.0)	8	(7.9)	29	(9.0)	20	(9.1)	1.42	(0.2)	10	(4.9)
Sharjah	34	(10.1)	29	(9.4)	50	(14.8)	42	(13.8)	1.82	(0.4)	13	(5.5)
Umm al-Quwain	10	(11.5)	2	(12.0)	30	(9.8)	20	(9.9)	1.69	(0.3)	18	(6.7)

* PISA adjudicated region.

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.4.12 for national data.

1. ESCS refers to the PISA index of economic, social and cultural status.

StatLink  <http://dx.doi.org/10.1787/888932964965>



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
Pre-primary school attendance, mathematics performance and students' socio-economic status, by region
Table B2.II.24 *Results based on students' self-reports*

	Effect size for students who had not attended pre-primary school		Effect size for students who had attended pre-primary school for one year or less		Effect size for students who had attended pre-primary school for more than one year		Proportion of the variation in student performance explained by having attended pre-primary school for less than one year	
	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	%	S.E.
Australia								
Australian Capital Territory	c	c	-0.1	(0.1)	0.2	(0.1)	2.0	(1.2)
New South Wales	-0.6	(0.1)	-0.2	(0.0)	0.2	(0.0)	2.1	(0.6)
Northern Territory	c	c	0.1	(0.1)	0.1	(0.1)	2.8	(1.7)
Queensland	-0.4	(0.1)	0.0	(0.0)	0.1	(0.0)	1.2	(0.5)
South Australia	-0.4	(0.2)	0.1	(0.1)	0.0	(0.1)	1.1	(0.8)
Tasmania	-0.1	(0.2)	0.0	(0.1)	0.0	(0.1)	0.1	(0.3)
Victoria	-0.4	(0.1)	-0.1	(0.0)	0.2	(0.0)	1.9	(0.7)
Western Australia	-0.3	(0.1)	-0.2	(0.1)	0.2	(0.1)	1.7	(0.7)
Belgium								
Flemish Community*	-0.8	(0.1)	-0.9	(0.1)	0.8	(0.1)	3.7	(0.9)
French Community	-0.8	(0.1)	-0.7	(0.1)	0.7	(0.1)	4.3	(0.9)
German-speaking Community	c	c	0.0	(0.1)	0.1	(0.1)	0.6	(0.6)
Canada								
Alberta	-0.2	(0.1)	-0.4	(0.1)	0.4	(0.1)	3.9	(1.0)
British Columbia	-0.4	(0.1)	-0.5	(0.1)	0.5	(0.1)	6.7	(1.5)
Manitoba	-0.5	(0.1)	-0.1	(0.1)	0.2	(0.1)	2.1	(0.9)
New Brunswick	-0.5	(0.1)	-0.1	(0.1)	0.3	(0.1)	2.9	(1.1)
Newfoundland and Labrador	c	c	-0.2	(0.1)	0.2	(0.1)	1.4	(0.8)
Nova Scotia	-0.1	(0.1)	-0.1	(0.1)	0.2	(0.1)	0.9	(0.7)
Ontario	-0.4	(0.1)	-0.2	(0.1)	0.3	(0.1)	1.9	(0.7)
Prince Edward Island	-0.3	(0.2)	-0.3	(0.1)	0.3	(0.1)	2.6	(1.0)
Quebec	-0.4	(0.0)	0.0	(0.0)	0.2	(0.0)	2.6	(0.7)
Saskatchewan	-0.2	(0.1)	-0.2	(0.1)	0.3	(0.1)	2.0	(0.8)
Italy								
Abruzzo	-0.9	(0.1)	-0.5	(0.1)	0.6	(0.1)	3.6	(1.1)
Basilicata	c	c	-0.3	(0.1)	0.3	(0.1)	0.5	(0.4)
Bolzano	-0.8	(0.1)	-0.3	(0.1)	0.4	(0.1)	2.7	(0.9)
Calabria	-0.4	(0.2)	-0.2	(0.1)	0.3	(0.1)	1.1	(0.8)
Campania	-0.8	(0.2)	-0.3	(0.1)	0.4	(0.1)	2.7	(1.1)
Emilia Romagna	-0.8	(0.1)	-0.3	(0.1)	0.6	(0.1)	5.1	(1.8)
Friuli Venezia Giulia	-0.9	(0.2)	-0.4	(0.1)	0.7	(0.1)	3.8	(1.5)
Lazio	-0.5	(0.2)	-0.4	(0.1)	0.5	(0.1)	3.0	(1.1)
Liguria	-0.6	(0.1)	-0.4	(0.1)	0.6	(0.1)	4.2	(1.4)
Lombardia	-0.7	(0.1)	-0.4	(0.1)	0.5	(0.1)	3.3	(1.0)
Marche	-0.9	(0.1)	-0.5	(0.2)	0.7	(0.1)	5.9	(1.4)
Molise	-0.4	(0.2)	-0.4	(0.3)	0.4	(0.2)	1.4	(1.1)
Piemonte	-0.4	(0.2)	-0.3	(0.1)	0.3	(0.1)	1.2	(0.8)
Puglia	-0.5	(0.2)	-0.4	(0.1)	0.5	(0.1)	1.9	(0.8)
Sardegna	-0.6	(0.2)	-0.2	(0.1)	0.3	(0.1)	1.5	(1.0)
Sicilia	-0.7	(0.2)	-0.2	(0.1)	0.4	(0.1)	3.2	(2.1)
Toscana	-0.8	(0.1)	-0.3	(0.1)	0.5	(0.1)	4.3	(1.2)
Trento	-0.5	(0.2)	-0.5	(0.2)	0.5	(0.1)	2.8	(1.4)
Umbria	-0.6	(0.1)	-0.2	(0.1)	0.4	(0.1)	2.1	(0.7)
Valle d'Aosta	-0.4	(0.2)	-0.4	(0.2)	0.5	(0.1)	2.1	(1.0)
Veneto	-0.7	(0.1)	-0.7	(0.1)	0.8	(0.1)	6.2	(1.6)
Mexico								
Aguascalientes	-0.6	(0.2)	0.0	(0.1)	0.1	(0.1)	1.2	(0.7)
Baja California	-0.4	(0.2)	0.0	(0.1)	0.1	(0.1)	1.3	(1.3)
Baja California Sur	-0.5	(0.2)	-0.4	(0.1)	0.5	(0.1)	3.9	(1.9)
Campeche	-0.6	(0.1)	-0.2	(0.1)	0.5	(0.1)	6.1	(1.7)
Chiapas	-0.4	(0.1)	-0.1	(0.1)	0.3	(0.1)	2.7	(1.4)
Chihuahua	-0.7	(0.1)	-0.1	(0.1)	0.4	(0.1)	6.5	(1.9)
Coahuila	-0.6	(0.1)	0.1	(0.1)	0.1	(0.1)	2.0	(1.0)
Colima	-0.8	(0.1)	0.1	(0.1)	0.3	(0.1)	4.5	(1.3)
Distrito Federal	-0.4	(0.2)	-0.1	(0.1)	0.2	(0.1)	1.1	(0.7)
Durango	-0.5	(0.2)	0.0	(0.1)	0.2	(0.1)	2.0	(1.8)
Guanajuato	-0.7	(0.1)	0.0	(0.1)	0.3	(0.1)	3.4	(1.7)
Guerrero	-0.4	(0.1)	-0.1	(0.1)	0.3	(0.1)	2.7	(1.2)
Hidalgo	-0.5	(0.1)	0.0	(0.1)	0.2	(0.1)	1.6	(0.8)
Jalisco	-0.5	(0.2)	0.0	(0.1)	0.2	(0.1)	1.8	(1.4)
Mexico	-0.3	(0.2)	-0.1	(0.1)	0.2	(0.1)	0.9	(1.1)
Morelos	-0.5	(0.1)	-0.2	(0.1)	0.4	(0.1)	2.9	(1.2)
Nayarit	-0.5	(0.2)	0.0	(0.1)	0.2	(0.1)	1.9	(1.6)
Nuevo León	-0.3	(0.2)	0.0	(0.1)	0.1	(0.1)	0.5	(0.6)
Puebla	-0.7	(0.1)	-0.1	(0.1)	0.4	(0.1)	5.3	(1.6)
Querétaro	-0.7	(0.1)	-0.2	(0.1)	0.4	(0.1)	3.2	(1.2)
Quintana Roo	-0.7	(0.1)	-0.2	(0.1)	0.4	(0.1)	4.9	(1.4)
San Luis Potosí	-0.8	(0.2)	-0.1	(0.1)	0.4	(0.1)	4.4	(2.1)
Sinaloa	-0.4	(0.1)	0.0	(0.1)	0.1	(0.1)	1.1	(0.8)
Tabasco	-0.6	(0.1)	0.0	(0.1)	0.4	(0.1)	3.8	(1.2)
Tamaulipas	-0.5	(0.2)	0.0	(0.1)	0.2	(0.1)	1.5	(1.2)
Tlaxcala	-0.6	(0.2)	0.0	(0.1)	0.2	(0.1)	1.8	(1.0)
Veracruz	-0.4	(0.1)	-0.1	(0.1)	0.2	(0.1)	1.4	(0.8)
Yucatán	-0.6	(0.1)	-0.1	(0.1)	0.4	(0.1)	3.7	(1.5)
Zacatecas	-0.6	(0.1)	0.0	(0.1)	0.3	(0.1)	3.0	(1.3)

* PISA adjudicated region.

Notes: This table was calculated considering only students with data on the *PISA index of economic, social and cultural status*. Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.4.12 for national data.

1. ESCS refers to the *PISA index of economic, social and cultural status*.StatLink  <http://dx.doi.org/10.1787/888932964965>

[Part 6/6]

Pre-primary school attendance, mathematics performance and students' socio-economic status, by region

Table B2.II.24 Results based on students' self-reports


	Effect size for students who had not attended pre-primary school		Effect size for students who had attended pre-primary school for one year or less		Effect size for students who had attended pre-primary school for more than one year		Proportion of the variation in student performance explained by having attended pre-primary school for less than one year	
	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	%	S.E.
OECD								
Portugal								
Alentejo	-0.6	(0.1)	-0.4	(0.1)	0.6	(0.1)	7.4	(1.9)
Spain								
Andalusia*	-0.6	(0.1)	-0.1	(0.1)	0.3	(0.1)	2.6	(0.8)
Aragon*	-0.8	(0.1)	-0.6	(0.1)	0.8	(0.1)	7.0	(1.8)
Asturias*	-1.2	(0.2)	-0.9	(0.1)	1.0	(0.1)	7.9	(1.9)
Balearic Islands*	-0.9	(0.1)	-0.5	(0.1)	0.8	(0.1)	7.6	(1.6)
Basque Country*	-0.3	(0.1)	-0.3	(0.0)	0.3	(0.0)	1.9	(0.5)
Cantabria*	-0.6	(0.1)	-0.6	(0.1)	0.6	(0.1)	3.9	(1.0)
Castile and Leon*	-0.6	(0.2)	-0.7	(0.2)	0.7	(0.1)	3.7	(1.6)
Catalonia*	-0.8	(0.1)	-0.5	(0.1)	0.7	(0.1)	4.8	(1.2)
Extremadura*	-0.5	(0.2)	-0.4	(0.1)	0.5	(0.1)	2.5	(0.9)
Galicia*	-0.5	(0.2)	-0.6	(0.1)	0.6	(0.1)	3.6	(0.9)
La Rioja*	-1.1	(0.2)	-0.8	(0.1)	1.0	(0.1)	11.4	(2.3)
Madrid*	-0.5	(0.1)	-0.6	(0.1)	0.6	(0.1)	4.2	(1.2)
Murcia*	-0.8	(0.1)	-0.3	(0.1)	0.6	(0.1)	5.3	(1.6)
Navarre*	-0.4	(0.1)	-0.4	(0.1)	0.5	(0.1)	3.4	(1.1)
United Kingdom								
England	-0.6	(0.1)	-0.3	(0.0)	0.4	(0.0)	3.2	(0.7)
Northern Ireland	-0.4	(0.1)	0.0	(0.1)	0.1	(0.1)	1.1	(0.5)
Scotland*	-0.5	(0.1)	-0.1	(0.0)	0.2	(0.0)	1.2	(0.5)
Wales	-0.5	(0.1)	-0.2	(0.0)	0.3	(0.0)	2.4	(0.6)
United States								
Connecticut*	c	c	-0.3	(0.1)	0.4	(0.1)	1.6	(0.5)
Florida*	-0.4	(0.2)	0.0	(0.1)	0.1	(0.1)	0.2	(0.2)
Massachusetts*	c	c	-0.2	(0.1)	0.3	(0.1)	1.0	(0.8)
Partners								
Argentina								
Ciudad Autónoma de Buenos Aires*	-0.8	(0.2)	-0.8	(0.1)	0.8	(0.1)	7.1	(1.6)
Brazil								
Acre	-0.5	(0.1)	-0.1	(0.1)	0.5	(0.1)	7.3	(2.3)
Alagoas	-0.4	(0.1)	-0.1	(0.1)	0.4	(0.1)	4.9	(2.1)
Amapá	-0.4	(0.1)	-0.1	(0.1)	0.4	(0.1)	3.8	(1.5)
Amazonas	-0.2	(0.1)	-0.1	(0.1)	0.3	(0.1)	2.2	(1.8)
Bahia	-0.4	(0.2)	-0.1	(0.1)	0.4	(0.1)	4.1	(3.2)
Ceará	-0.2	(0.1)	-0.2	(0.1)	0.3	(0.1)	2.7	(1.9)
Espírito Santo	-0.4	(0.1)	0.0	(0.1)	0.2	(0.1)	1.6	(0.8)
Federal District	-0.5	(0.1)	-0.4	(0.1)	0.5	(0.1)	5.8	(1.4)
Goiás	-0.2	(0.1)	-0.2	(0.1)	0.3	(0.1)	2.8	(1.4)
Maranhão	0.0	(0.1)	-0.2	(0.1)	0.2	(0.1)	0.8	(0.7)
Mato Grosso	-0.3	(0.1)	-0.1	(0.1)	0.4	(0.1)	4.4	(2.0)
Mato Grosso do Sul	-0.6	(0.2)	-0.2	(0.1)	0.6	(0.1)	9.5	(3.8)
Minas Gerais	0.0	(0.1)	-0.4	(0.1)	0.4	(0.1)	3.7	(1.7)
Pará	-0.3	(0.1)	-0.1	(0.1)	0.2	(0.1)	1.8	(1.0)
Paraíba	-0.4	(0.1)	-0.2	(0.2)	0.5	(0.1)	5.8	(2.0)
Paraná	-0.6	(0.1)	-0.1	(0.2)	0.6	(0.2)	9.4	(3.9)
Pernambuco	-0.2	(0.1)	-0.2	(0.1)	0.4	(0.1)	3.2	(1.3)
Piauí	-0.5	(0.2)	-0.2	(0.1)	0.4	(0.1)	5.0	(2.8)
Rio de Janeiro	-0.3	(0.1)	-0.1	(0.1)	0.3	(0.1)	3.1	(1.7)
Rio Grande do Norte	-0.4	(0.1)	-0.2	(0.1)	0.4	(0.2)	5.2	(3.0)
Rio Grande do Sul	-0.3	(0.1)	0.1	(0.1)	0.1	(0.1)	1.6	(1.4)
Rondônia	-0.3	(0.1)	-0.1	(0.1)	0.4	(0.1)	3.3	(1.7)
Roraima	-0.5	(0.1)	-0.1	(0.1)	0.4	(0.1)	5.7	(2.6)
Santa Catarina	-0.7	(0.1)	-0.1	(0.1)	0.5	(0.1)	7.7	(2.5)
São Paulo	-0.6	(0.1)	-0.2	(0.1)	0.4	(0.1)	4.6	(1.2)
Sergipe	-0.2	(0.2)	-0.3	(0.1)	0.4	(0.1)	3.9	(1.4)
Tocantins	-0.2	(0.1)	-0.1	(0.1)	0.3	(0.1)	2.1	(1.3)
Colombia								
Bogotá	-0.2	(0.1)	0.0	(0.1)	0.1	(0.1)	0.4	(0.5)
Cali	-0.3	(0.1)	0.1	(0.1)	0.0	(0.1)	1.3	(1.0)
Manizales	-0.4	(0.1)	0.0	(0.1)	0.1	(0.1)	1.1	(0.9)
Medellín	-0.7	(0.1)	-0.1	(0.1)	0.4	(0.1)	5.3	(2.2)
Russian Federation								
Perm Territory region*	-0.5	(0.1)	-0.3	(0.1)	0.4	(0.1)	2.7	(1.0)
United Arab Emirates								
Abu Dhabi*	-0.6	(0.1)	0.0	(0.1)	0.4	(0.1)	6.7	(1.2)
Ajman	-0.4	(0.1)	0.0	(0.1)	0.5	(0.1)	4.9	(2.0)
Dubai*	-0.6	(0.1)	0.0	(0.0)	0.3	(0.0)	4.5	(0.7)
Fujairah	-0.5	(0.1)	-0.2	(0.2)	0.5	(0.1)	5.3	(1.8)
Ras al-Khaimah	-0.3	(0.1)	-0.1	(0.1)	0.3	(0.1)	2.7	(1.7)
Sharjah	-0.6	(0.2)	0.0	(0.1)	0.4	(0.1)	5.1	(2.9)
Umm al-Quwain	-0.3	(0.1)	-0.1	(0.2)	0.3	(0.1)	3.2	(2.0)

* PISA adjudicated region.

Notes: This table was calculated considering only students with data on the PISA index of economic, social and cultural status. Values that are statistically significant are indicated in bold (see Annex A3).

See Table II.4.12 for national data.

1. ESCS refers to the PISA index of economic, social and cultural status.

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[Part 1/2]
Variation in mathematics performance across students, schools and regions
 Results based on students' self-reports

Table B2.II.25

	Observed variance								
	Observed among all students				As a % of total variance in OECD countries				
	Total variation in mathematics performance	Variation in mathematics performance within schools	Variation in mathematics performance between schools within regions	Variation in mathematics performance between regions	Total variation in mathematics performance	Variation in mathematics performance within schools	Variation in mathematics performance between schools within regions	Variation in mathematics performance between regions	
OECD	Australia	9 422	6 639	2 654	128	96.0	67.7	27.1	1.3
	Belgium	11 081	5 028	5 772	281	112.9	51.2	58.8	2.9
	Canada	7 998	6 285	1 552	161	81.5	64.1	15.8	1.6
	Italy	9 309	4 145	4 395	769	94.9	42.2	44.8	7.8
	Mexico	5 547	3 540	1 762	245	56.5	36.1	18.0	2.5
	Spain	7 707	6 233	1 270	204	78.5	63.5	12.9	2.1
	United Kingdom	9 009	6 395	2 593	20	91.8	65.2	26.4	0.2
	OECD countries	9 812	5 266	3 527	1 020	100.0	53.7	35.9	10.4
Partners	Brazil	6 139	3 379	2 467	293	62.6	34.4	25.1	3.0
	Colombia	5 589	3 537	1 941	112	57.0	36.0	19.8	1.1
	United Arab Emirates	8 187	4 430	3 553	204	83.4	45.1	36.2	2.1

Note: Three level models at the country level with available data for regions as described in the tables of Annex B2.

1. ESCS refers to the *PISA index of economic social and cultural status*.

2. Three level model for each country where ESCS enters in the model at the student level (level 1), the mean ESCS at the schools enters at the school level (level 2) and the mean ESCS at the region level enters at the regional level (level 3).

StatLink <http://dx.doi.org/10.1787/888932964965>

[Part 2/2]
Variation in mathematics performance across students, schools and regions
 Results based on students' self-reports

Table B2.II.25

	Accounting for ESCS ¹ at the individual, school and regional level												
	Observed among those with valid ESCS				Variance after accounting for ESCS differences ²				% explained by ESCS at student, school and regional level				
	Total variation in mathematics performance	Variation in mathematics performance within schools	Variation in mathematics performance between schools within regions	Variation in mathematics performance between regions	Total variation in mathematics performance	Variation in mathematics performance within schools	Variation in mathematics performance between schools within regions	Variation in mathematics performance between regions	Total variation in mathematics performance	Variation in mathematics performance within schools	Variation in mathematics performance between schools within regions	Variation in mathematics performance between regions	
OECD	Australia	9 201	6 538	2 531	131	7 483	6 253	1 132	98	18.7	4.4	55.3	25.5
	Belgium	11 004	5 008	5 717	279	6 473	4 817	1 572	84	41.2	3.8	72.5	70.0
	Canada	7 793	6 128	1 504	161	6 761	5 816	809	136	13.2	5.1	46.2	15.5
	Italy	9 299	4 109	4 425	764	6 483	4 083	1 995	405	30.3	0.7	54.9	47.0
	Mexico	5 542	3 532	1 763	247	4 618	3 514	1 001	104	16.7	0.5	43.2	57.9
	Spain	7 606	6 145	1 271	190	6 221	5 594	599	28	18.2	9.0	52.9	85.3
	United Kingdom	8 720	6 264	2 431	25	6 949	5 987	930	32	20.3	4.4	61.7	0.0
	OECD countries	7 149	5 000	1 600	549	7 149	5 000	1 600	549	23.0	3.4	47.8	47.6
Partners	Brazil	6 139	3 379	2 467	293	4 532	3 338	1 037	157	26.2	1.2	58.0	46.4
	Colombia	5 588	3 534	1 936	119	4 305	3 443	826	35	23.0	2.6	57.3	70.3
	United Arab Emirates	8 178	4 422	3 551	205	6 618	4 348	2 240	30	19.1	1.7	36.9	85.3

Note: Three level models at the country level with available data for regions as described in the tables of Annex B2.

1. ESCS refers to the *PISA index of economic social and cultural status*.

2. Three level model for each country where ESCS enters in the model at the student level (level 1), the mean ESCS at the schools enters at the school level (level 2) and the mean ESCS at the region level enters at the regional level (level 3).

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ANNEX B3

LIST OF TABLES AVAILABLE ON LINE

The following tables are available in electronic form only.

Chapter 2 Equity in outcomes

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WEB	Table II.2.3	Elements of socio-economic status across countries

Chapter 3 The challenge of diversity

<http://dx.doi.org/10.1787/888932964927>

WEB	Table II.3.12	Difference in mathematics performance, by immigrant background
WEB	Table II.3.13	Relationship between student characteristics, socio-economic elements and mathematics performance

Chapter 4 Equity in opportunities to learn and in resources

<http://dx.doi.org/10.1787/888932964946>

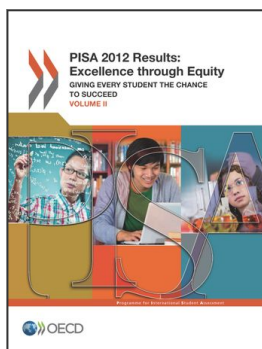
WEB	Table II.4.4	Correlation between student performance and selected student, school and parent characteristics
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Annex B2 Results for regions within countries

<http://dx.doi.org/10.1787/888932964965>

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WEB	Table B2.II.21	Inequality in access to educational resources: Student-teacher ratio, by region
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These tables, as well as additional material, may be found at: www.pisa.oecd.org.



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