




# Appendix A

DATA TABLES

[Part 1/1]

Table A2.1 Percentage of students by proficiency level in the environmental science performance index

	Below Level D		Level D		Level C		Level B		Level A	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>										
Australia	10.9	(0.4)	18.0	(0.4)	22.2	(0.4)	24.5	(0.5)	24.3	(0.6)
Austria	15.4	(1.0)	20.7	(0.7)	21.2	(0.8)	22.8	(0.7)	19.9	(1.0)
Belgium	14.4	(0.6)	18.6	(0.6)	21.5	(0.5)	23.5	(0.6)	21.9	(0.6)
Canada	8.8	(0.4)	15.8	(0.5)	22.4	(0.5)	26.6	(0.5)	26.3	(0.6)
Czech Republic	12.5	(0.8)	21.0	(0.7)	22.4	(0.7)	23.0	(0.8)	21.1	(0.9)
Denmark	14.8	(0.9)	22.1	(0.6)	21.3	(0.6)	22.4	(0.7)	19.3	(0.8)
Finland	6.2	(0.3)	13.7	(0.5)	21.1	(0.6)	28.1	(0.8)	30.9	(0.8)
France	16.7	(0.8)	21.0	(0.7)	21.3	(0.7)	21.6	(0.6)	19.5	(0.8)
Germany	13.6	(0.8)	18.6	(0.7)	20.7	(0.7)	24.3	(0.7)	22.9	(0.8)
Greece	19.5	(0.9)	22.1	(0.6)	21.8	(0.7)	20.9	(0.7)	15.6	(0.7)
Hungary	11.8	(0.6)	21.6	(0.8)	23.1	(0.6)	23.9	(0.7)	19.7	(0.8)
Iceland	17.1	(0.7)	22.7	(0.7)	24.0	(0.7)	20.8	(0.6)	15.4	(0.6)
Ireland	13.7	(0.7)	20.4	(0.7)	22.3	(0.6)	23.9	(0.7)	19.7	(0.8)
Italy	22.2	(0.5)	24.8	(0.5)	21.1	(0.5)	18.4	(0.6)	13.4	(0.4)
Japan	10.1	(0.6)	14.8	(0.5)	21.1	(0.5)	25.5	(0.7)	28.4	(0.9)
Korea	11.1	(0.7)	17.3	(0.6)	21.2	(0.6)	24.7	(0.5)	25.7	(1.0)
Luxembourg	18.1	(0.5)	23.4	(0.6)	22.5	(0.6)	20.1	(0.6)	15.9	(0.4)
Mexico	32.7	(1.0)	33.2	(0.5)	19.9	(0.6)	9.8	(0.4)	4.3	(0.3)
Netherlands	11.0	(0.8)	18.8	(0.8)	23.6	(0.7)	25.0	(0.9)	21.6	(0.7)
New Zealand	12.3	(0.5)	19.3	(0.7)	21.8	(0.7)	22.6	(0.7)	24.0	(0.7)
Norway	16.0	(0.8)	24.8	(0.6)	23.9	(0.7)	17.8	(0.7)	17.6	(0.7)
Poland	12.7	(0.5)	21.7	(0.7)	22.5	(0.6)	23.0	(0.7)	20.1	(0.7)
Portugal	20.4	(1.0)	25.8	(0.6)	24.0	(0.7)	18.8	(0.7)	11.1	(0.5)
Slovak Republic	16.6	(0.9)	22.4	(0.8)	23.5	(0.6)	20.7	(0.7)	16.9	(0.8)
Spain	15.6	(0.6)	22.4	(0.5)	24.0	(0.4)	21.3	(0.5)	16.7	(0.6)
Sweden	15.0	(0.6)	22.8	(0.8)	23.1	(0.5)	21.5	(0.6)	17.6	(0.7)
Switzerland	13.6	(0.7)	20.8	(0.6)	21.3	(0.4)	22.7	(0.7)	21.6	(0.8)
Turkey	30.1	(1.0)	32.2	(0.9)	18.3	(0.6)	12.4	(0.7)	7.1	(0.8)
United Kingdom	15.3	(0.5)	20.4	(0.5)	21.5	(0.5)	22.5	(0.6)	20.4	(0.5)
United States	17.3	(1.0)	24.6	(0.7)	20.9	(0.7)	20.1	(0.7)	17.1	(0.9)
<b>OECD average</b>	<b>15.5</b>	<b>(0.1)</b>	<b>21.5</b>	<b>(0.1)</b>	<b>22.0</b>	<b>(0.1)</b>	<b>21.8</b>	<b>(0.1)</b>	<b>19.2</b>	<b>(0.1)</b>
<b>Partners</b>										
Argentina	35.5	(1.7)	29.7	(0.8)	17.1	(0.8)	12.3	(1.0)	5.4	(0.5)
Azerbaijan	43.3	(1.2)	34.1	(0.8)	14.0	(0.7)	6.3	(0.5)	2.3	(0.3)
Brazil	36.8	(0.9)	32.2	(0.7)	16.4	(0.6)	9.3	(0.4)	5.4	(0.5)
Bulgaria	27.1	(1.4)	27.4	(1.0)	18.7	(0.8)	15.3	(0.8)	11.5	(1.0)
Chile	26.2	(1.2)	29.7	(1.0)	21.0	(0.8)	14.2	(0.7)	8.8	(0.7)
Colombia	35.2	(1.4)	34.2	(0.8)	16.9	(0.8)	9.1	(0.6)	4.6	(0.6)
Croatia	14.1	(0.7)	23.6	(0.8)	23.9	(0.7)	22.2	(0.7)	16.3	(0.7)
Estonia	8.4	(0.7)	16.9	(0.6)	22.6	(0.6)	26.5	(0.7)	25.6	(0.9)
Hong Kong-China	8.2	(0.5)	13.8	(0.6)	19.8	(0.6)	26.0	(0.6)	32.1	(0.7)
Indonesia	35.8	(1.3)	34.5	(0.8)	16.8	(0.8)	8.9	(0.7)	4.0	(0.7)
Israel	26.1	(1.0)	24.2	(0.7)	18.7	(0.6)	16.3	(0.7)	14.7	(0.7)
Jordan	27.4	(0.9)	28.4	(0.7)	20.6	(0.6)	15.1	(0.6)	8.6	(0.6)
Kyrgyzstan	50.9	(1.0)	32.9	(0.6)	9.4	(0.5)	5.3	(0.4)	1.5	(0.2)
Latvia	14.3	(0.8)	22.6	(0.8)	25.0	(0.8)	21.5	(0.9)	16.6	(0.6)
Liechtenstein	9.8	(1.2)	21.8	(1.9)	23.1	(2.5)	24.1	(2.2)	21.1	(2.1)
Lithuania	15.3	(0.6)	23.0	(0.7)	22.9	(0.6)	20.9	(0.7)	18.0	(0.8)
Macao-China	10.3	(0.4)	17.5	(0.6)	23.6	(0.7)	26.4	(0.8)	22.2	(0.7)
Montenegro	28.3	(0.7)	31.2	(0.8)	20.5	(0.7)	13.2	(0.6)	6.8	(0.4)
Qatar	51.1	(0.7)	29.6	(0.7)	10.6	(0.4)	5.6	(0.3)	3.0	(0.2)
Romania	29.7	(1.2)	31.6	(1.0)	18.6	(1.0)	12.9	(0.8)	7.2	(0.6)
Russian Federation	15.3	(0.7)	25.5	(0.9)	22.7	(0.7)	20.9	(0.7)	15.7	(0.8)
Serbia	25.6	(1.0)	29.3	(0.7)	21.4	(0.6)	15.6	(0.6)	8.1	(0.5)
Slovenia	11.4	(0.4)	17.6	(0.5)	21.2	(0.6)	23.6	(0.7)	26.2	(0.7)
Chinese Taipei	9.3	(0.6)	13.4	(0.7)	18.5	(0.6)	25.1	(0.6)	33.7	(1.1)
Thailand	28.3	(0.8)	34.5	(0.7)	19.7	(0.5)	11.3	(0.5)	6.2	(0.4)
Tunisia	36.8	(1.0)	32.5	(0.9)	16.9	(0.7)	9.6	(0.6)	4.2	(0.4)
Uruguay	28.3	(0.8)	27.9	(0.7)	19.3	(0.7)	14.3	(0.5)	10.2	(0.5)

StatLink  <http://dx.doi.org/10.1787/562200685357>



[Part 1/1]

Table A2.2 Percentage of students by proficiency level in the geoscience performance index

	Below Level D		Level D		Level C		Level B		Level A	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>										
Australia	10.5	(0.4)	28.0	(0.5)	16.2	(0.3)	27.8	(0.4)	17.4	(0.5)
Austria	14.6	(0.8)	32.1	(0.6)	14.5	(0.7)	23.5	(0.7)	15.3	(0.8)
Belgium	12.8	(0.5)	27.2	(0.5)	15.7	(0.5)	26.6	(0.6)	17.8	(0.5)
Canada	8.4	(0.3)	27.0	(0.6)	16.9	(0.4)	29.0	(0.6)	18.8	(0.4)
Czech Republic	13.0	(0.7)	28.9	(0.8)	15.6	(0.7)	25.8	(0.7)	16.7	(0.8)
Denmark	14.2	(0.8)	31.7	(0.7)	16.2	(0.6)	24.4	(0.7)	13.6	(0.5)
Finland	6.1	(0.3)	22.5	(0.6)	15.4	(0.5)	31.2	(0.7)	24.8	(0.7)
France	16.2	(0.8)	30.6	(0.6)	16.4	(0.6)	23.3	(0.7)	13.5	(0.6)
Germany	12.6	(0.7)	29.3	(0.7)	15.0	(0.5)	24.4	(0.7)	18.7	(0.6)
Greece	18.5	(0.7)	31.8	(0.7)	15.9	(0.5)	23.0	(0.7)	10.8	(0.6)
Hungary	12.9	(0.7)	29.4	(0.7)	17.3	(0.6)	24.1	(0.6)	16.2	(0.7)
Iceland	15.6	(0.6)	31.2	(0.7)	17.2	(0.7)	24.1	(0.8)	11.9	(0.5)
Ireland	12.2	(0.6)	30.5	(0.8)	15.8	(0.5)	24.7	(0.7)	16.8	(0.7)
Italy	20.4	(0.5)	33.8	(0.5)	15.4	(0.4)	20.1	(0.4)	10.4	(0.4)
Japan	10.0	(0.7)	25.0	(0.6)	16.0	(0.5)	29.9	(0.6)	19.1	(0.6)
Korea	10.7	(0.6)	27.3	(0.6)	15.8	(0.6)	26.5	(0.6)	19.7	(0.8)
Luxembourg	17.3	(0.5)	35.2	(0.7)	15.7	(0.5)	20.5	(0.6)	11.4	(0.5)
Mexico	28.8	(0.9)	39.6	(0.5)	15.6	(0.6)	13.1	(0.5)	3.0	(0.2)
Netherlands	9.1	(0.7)	26.6	(0.9)	15.5	(0.5)	28.0	(0.9)	20.8	(0.7)
New Zealand	12.0	(0.5)	28.7	(0.7)	16.9	(0.5)	27.0	(0.6)	15.4	(0.6)
Norway	16.5	(0.8)	32.7	(0.7)	15.3	(0.6)	23.6	(0.7)	12.0	(0.6)
Poland	13.9	(0.6)	28.4	(0.7)	15.6	(0.5)	26.7	(0.6)	15.4	(0.6)
Portugal	17.8	(0.9)	37.2	(0.8)	18.1	(0.7)	18.8	(0.7)	8.2	(0.4)
Slovak Republic	15.8	(0.7)	31.1	(0.7)	16.8	(0.5)	22.8	(0.7)	13.4	(0.6)
Spain	14.6	(0.6)	31.9	(0.6)	16.5	(0.4)	24.1	(0.6)	12.9	(0.5)
Sweden	15.5	(0.7)	33.4	(0.7)	16.2	(0.5)	22.3	(0.6)	12.6	(0.5)
Switzerland	12.5	(0.5)	30.5	(0.6)	17.2	(0.4)	23.9	(0.7)	15.9	(0.7)
Turkey	28.4	(1.0)	37.4	(0.8)	14.8	(0.5)	14.5	(0.7)	4.8	(0.6)
United Kingdom	14.4	(0.5)	32.5	(0.6)	15.7	(0.4)	23.2	(0.5)	14.2	(0.4)
United States	16.6	(1.0)	34.6	(0.7)	15.1	(0.6)	22.4	(0.7)	11.4	(0.7)
<b>OECD average</b>	<b>14.7</b>	<b>(0.1)</b>	<b>30.9</b>	<b>(0.1)</b>	<b>16.0</b>	<b>(0.1)</b>	<b>24.0</b>	<b>(0.1)</b>	<b>14.4</b>	<b>(0.1)</b>
<b>Partners</b>										
Argentina	31.4	(1.5)	36.8	(0.7)	13.1	(0.5)	13.6	(0.8)	5.1	(0.7)
Azerbaijan	38.4	(1.0)	44.8	(0.7)	9.1	(0.5)	5.7	(0.5)	2.0	(0.3)
Brazil	34.5	(0.8)	38.7	(0.6)	12.4	(0.5)	10.8	(0.5)	3.6	(0.3)
Bulgaria	26.5	(1.3)	33.4	(1.0)	14.6	(0.7)	16.7	(0.9)	8.8	(0.7)
Chile	25.1	(0.9)	36.0	(0.9)	16.6	(0.6)	17.3	(0.8)	5.0	(0.5)
Colombia	33.4	(1.3)	38.5	(1.1)	14.4	(0.8)	11.4	(0.7)	2.3	(0.3)
Croatia	15.0	(0.7)	31.2	(0.7)	16.7	(0.5)	23.5	(0.8)	13.6	(0.6)
Estonia	7.8	(0.5)	24.6	(0.6)	17.8	(0.7)	30.0	(0.6)	19.8	(0.7)
Hong Kong-China	7.9	(0.5)	25.7	(0.6)	15.5	(0.5)	28.7	(0.7)	22.1	(0.6)
Indonesia	33.8	(1.4)	40.5	(1.1)	12.0	(0.9)	11.1	(1.0)	2.6	(0.5)
Israel	27.6	(1.0)	33.8	(0.6)	13.4	(0.4)	15.8	(0.7)	9.4	(0.5)
Jordan	28.7	(0.9)	35.8	(0.8)	14.5	(0.5)	15.5	(0.7)	5.5	(0.4)
Kyrgyzstan	49.4	(0.9)	35.9	(0.7)	7.4	(0.4)	6.2	(0.4)	1.1	(0.2)
Latvia	12.8	(0.7)	29.6	(0.9)	17.5	(0.6)	26.1	(0.8)	14.0	(0.6)
Liechtenstein	9.2	(1.4)	30.8	(2.4)	18.3	(2.2)	24.7	(2.4)	17.1	(1.8)
Lithuania	16.0	(0.7)	29.4	(0.8)	16.8	(0.5)	24.9	(0.7)	12.9	(0.6)
Macao-China	10.3	(0.4)	27.4	(0.7)	18.1	(0.7)	27.8	(0.7)	16.3	(0.6)
Montenegro	29.6	(0.6)	38.5	(0.7)	13.9	(0.6)	13.0	(0.5)	5.0	(0.4)
Qatar	46.7	(0.7)	37.7	(0.6)	7.5	(0.4)	5.7	(0.3)	2.4	(0.2)
Romania	29.6	(1.2)	36.9	(0.9)	13.5	(0.6)	14.8	(0.8)	5.3	(0.6)
Russian Federation	15.8	(0.7)	32.4	(0.7)	17.1	(0.4)	21.3	(0.7)	13.4	(0.6)
Serbia	26.0	(0.9)	38.0	(0.6)	15.2	(0.5)	14.2	(0.6)	6.5	(0.4)
Slovenia	12.3	(0.4)	25.5	(0.7)	14.9	(0.5)	25.3	(0.7)	22.0	(0.6)
Chinese Taipei	11.9	(0.6)	21.4	(0.7)	14.8	(0.4)	30.1	(0.6)	21.7	(0.8)
Thailand	29.8	(0.8)	38.3	(0.7)	13.9	(0.6)	14.5	(0.5)	3.4	(0.3)
Tunisia	35.2	(1.0)	38.4	(0.9)	12.5	(0.6)	10.6	(0.5)	3.2	(0.4)
Uruguay	26.2	(0.8)	35.3	(0.7)	15.2	(0.6)	16.3	(0.6)	7.1	(0.4)


StatLink  <http://dx.doi.org/10.1787/562200685357>

[Part 1/1]

**Table A2.3 Mean score on the environmental science performance index and on the geoscience performance index, by gender**

	Environmental science performance index									Geoscience performance index								
	All students		Gender Differences						All students		Gender Differences							
			Females		Males		Difference (M – F)				Females		Males		Difference (M – F)			
	Mean	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Mean	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.		
<b>OECD</b>	Australia	519	(1.8)	515	(2.1)	523	(2.6)	7	(3.1)	516	(1.5)	514	(1.9)	518	(2.4)	4	(3.0)	
	Austria	502	(3.2)	497	(3.9)	507	(3.7)	<b>10</b>	(4.3)	501	(2.8)	495	(3.4)	506	(3.4)	<b>11</b>	(4.0)	
	Belgium	508	(1.9)	504	(2.7)	511	(2.5)	<b>7</b>	(3.5)	512	(1.8)	508	(2.6)	515	(2.4)	<b>7</b>	(3.4)	
	Canada	528	(1.5)	524	(1.7)	532	(1.9)	<b>8</b>	(1.9)	522	(1.3)	520	(1.6)	525	(1.7)	<b>5</b>	(2.2)	
	Czech Republic	509	(2.6)	503	(3.6)	514	(3.4)	<b>10</b>	(4.7)	509	(2.4)	505	(3.3)	512	(3.2)	<b>7</b>	(4.4)	
	Denmark	502	(2.7)	497	(3.0)	506	(3.1)	<b>9</b>	(3.0)	499	(2.1)	494	(2.6)	504	(2.4)	<b>10</b>	(2.7)	
	Finland	543	(1.5)	541	(2.2)	544	(2.0)	3	(2.9)	541	(1.6)	540	(2.4)	542	(2.1)	3	(3.2)	
	France	498	(2.6)	495	(3.0)	501	(3.5)	6	(3.8)	496	(2.4)	494	(2.9)	497	(3.0)	3	(3.4)	
	Germany	513	(2.7)	505	(2.8)	521	(3.5)	<b>16</b>	(3.3)	513	(2.4)	507	(2.8)	518	(3.3)	<b>12</b>	(3.6)	
	Greece	487	(2.6)	489	(2.9)	485	(3.5)	-4	(3.8)	487	(2.3)	490	(2.7)	483	(3.1)	-6	(3.6)	
	Hungary	509	(2.3)	505	(3.2)	512	(3.0)	7	(4.0)	508	(2.1)	505	(3.1)	510	(2.8)	5	(4.0)	
	Iceland	490	(1.6)	491	(2.1)	489	(2.3)	-2	(3.1)	494	(1.7)	494	(2.1)	494	(2.4)	0	(3.0)	
	Ireland	506	(2.5)	500	(2.8)	512	(3.5)	<b>12</b>	(3.7)	508	(2.2)	505	(2.6)	512	(2.9)	<b>7</b>	(3.3)	
	Italy	476	(1.6)	471	(2.0)	482	(2.2)	<b>11</b>	(2.8)	480	(1.4)	477	(2.0)	483	(2.1)	<b>7</b>	(2.9)	
	Japan	529	(2.5)	525	(4.0)	534	(3.3)	10	(5.6)	523	(2.1)	518	(3.2)	527	(3.0)	9	(4.7)	
	Korea	522	(2.5)	520	(3.2)	523	(4.0)	3	(5.1)	519	(2.2)	518	(2.7)	519	(3.5)	1	(4.3)	
	Luxembourg	487	(1.1)	480	(1.9)	493	(2.0)	<b>13</b>	(3.2)	486	(1.2)	479	(2.0)	492	(2.1)	<b>13</b>	(3.3)	
	Mexico	436	(1.9)	431	(2.1)	440	(2.3)	<b>9</b>	(2.2)	448	(1.8)	446	(2.0)	451	(2.2)	<b>5</b>	(1.9)	
	Netherlands	514	(2.5)	509	(2.9)	519	(2.8)	<b>10</b>	(2.9)	524	(2.4)	521	(2.9)	528	(3.0)	<b>7</b>	(3.3)	
	New Zealand	516	(2.0)	514	(2.6)	517	(3.1)	4	(4.1)	510	(1.8)	510	(2.5)	509	(2.7)	-1	(3.8)	
	Norway	491	(2.3)	490	(2.5)	493	(2.8)	4	(2.8)	492	(2.2)	491	(2.5)	493	(2.7)	2	(2.8)	
	Poland	507	(2.0)	503	(2.5)	510	(2.5)	<b>7</b>	(2.8)	506	(2.0)	504	(2.4)	508	(2.5)	4	(2.9)	
	Portugal	475	(2.5)	470	(2.6)	480	(3.2)	<b>10</b>	(3.0)	478	(2.0)	474	(2.3)	483	(2.9)	<b>9</b>	(3.1)	
	Slovak Republic	494	(2.6)	489	(2.7)	499	(3.8)	<b>10</b>	(4.1)	496	(2.2)	493	(2.4)	498	(3.3)	6	(3.7)	
	Spain	495	(2.1)	491	(2.4)	500	(2.3)	<b>9</b>	(2.3)	497	(2.0)	493	(2.3)	501	(2.3)	<b>8</b>	(2.4)	
	Sweden	497	(2.1)	494	(2.6)	501	(2.5)	<b>7</b>	(3.0)	493	(1.8)	492	(2.3)	495	(2.6)	3	(3.5)	
	Switzerland	508	(2.6)	504	(2.9)	512	(2.8)	<b>8</b>	(2.4)	507	(2.1)	504	(2.3)	510	(2.4)	<b>6</b>	(2.3)	
	Turkey	444	(3.1)	444	(3.6)	444	(3.5)	0	(3.5)	450	(2.7)	450	(3.2)	451	(3.2)	1	(3.3)	
	United Kingdom	504	(1.5)	498	(2.2)	511	(2.0)	<b>13</b>	(2.9)	499	(1.4)	492	(1.9)	505	(1.8)	<b>13</b>	(2.4)	
	United States	491	(3.4)	488	(3.4)	493	(4.0)	4	(3.2)	488	(3.0)	487	(3.2)	489	(3.7)	1	(3.5)	
	<b>OECD average</b>	500	(0.4)	496	(0.5)	504	(0.5)	<b>7</b>	(0.6)	500	(0.4)	497	(0.5)	503	(0.5)	<b>5</b>	(0.6)	
<b>Partners</b>	Argentina	435	(3.8)	437	(4.3)	434	(4.4)	-3	(4.4)	448	(3.6)	450	(4.5)	446	(3.7)	-4	(4.1)	
	Azerbaijan	411	(2.4)	414	(2.6)	409	(3.0)	-5	(3.0)	421	(2.0)	421	(2.2)	420	(2.5)	-1	(2.5)	
	Brazil	430	(2.0)	423	(2.1)	438	(2.6)	<b>15</b>	(2.3)	437	(1.7)	431	(2.1)	444	(2.4)	<b>13</b>	(2.9)	
	Bulgaria	461	(4.2)	466	(5.0)	457	(4.9)	-9	(5.2)	466	(3.7)	469	(4.6)	463	(4.4)	-5	(5.1)	
	Chile	458	(3.1)	448	(3.4)	466	(3.9)	<b>18</b>	(3.8)	461	(2.8)	456	(2.8)	466	(3.6)	<b>10</b>	(3.4)	
	Colombia	431	(2.9)	426	(4.4)	436	(3.0)	<b>10</b>	(4.7)	441	(2.7)	438	(3.9)	444	(3.3)	6	(4.6)	
	Croatia	498	(2.1)	494	(2.8)	501	(2.9)	6	(3.9)	499	(2.1)	497	(2.9)	500	(2.6)	3	(3.6)	
	Estonia	528	(2.3)	528	(2.6)	527	(2.7)	0	(2.8)	528	(1.8)	527	(2.6)	528	(2.3)	1	(3.2)	
	Hong Kong-China	540	(2.0)	536	(3.1)	545	(2.9)	<b>10</b>	(4.5)	530	(1.8)	527	(2.8)	532	(2.5)	6	(4.0)	
	Indonesia	428	(4.1)	422	(2.9)	433	(5.7)	<b>11</b>	(4.3)	436	(4.2)	432	(3.0)	440	(5.5)	<b>8</b>	(3.6)	
	Israel	469	(2.9)	465	(3.5)	473	(4.4)	9	(5.3)	465	(2.7)	460	(3.5)	469	(3.9)	9	(5.0)	
	Jordan	455	(2.4)	465	(2.9)	445	(3.4)	<b>-20</b>	(4.1)	454	(2.3)	461	(2.7)	448	(3.1)	<b>-13</b>	(3.7)	
	Kyrgyzstan	396	(1.8)	394	(1.8)	398	(2.7)	4	(2.8)	409	(1.7)	407	(1.8)	410	(2.6)	3	(2.9)	
	Latvia	497	(2.4)	497	(2.7)	497	(2.9)	0	(3.1)	505	(2.3)	505	(2.7)	506	(2.9)	1	(3.2)	
	Liechtenstein	514	(3.9)	517	(6.1)	511	(7.3)	-6	(10.9)	514	(4.3)	521	(6.4)	506	(7.0)	-14	(10.2)	
	Lithuania	497	(2.2)	500	(2.9)	495	(2.4)	-5	(3.1)	497	(2.1)	499	(2.7)	495	(2.4)	-3	(3.2)	
	Macao-China	518	(1.2)	516	(1.9)	520	(2.1)	5	(3.1)	514	(1.3)	514	(2.2)	515	(2.0)	2	(3.3)	
	Montenegro	448	(1.2)	446	(1.8)	449	(1.9)	4	(2.8)	448	(1.4)	445	(1.8)	452	(2.3)	<b>8</b>	(3.1)	
	Qatar	399	(1.1)	407	(1.5)	391	(1.5)	<b>-16</b>	(2.0)	410	(1.2)	416	(1.7)	404	(1.5)	<b>-12</b>	(2.3)	
	Romania	446	(3.2)	441	(3.9)	450	(3.8)	<b>8</b>	(4.2)	451	(3.1)	449	(3.2)	452	(3.6)	3	(3.0)	
	Russian Federation	493	(2.6)	489	(2.6)	498	(3.3)	10	(2.7)	496	(2.0)	493	(2.4)	499	(2.8)	6	(3.1)	
	Serbia	458	(2.4)	457	(3.1)	458	(2.5)	1	(3.0)	459	(2.1)	458	(2.7)	460	(2.3)	2	(2.8)	
	Slovenia	523	(1.3)	522	(2.3)	523	(2.2)	2	(3.6)	521	(1.4)	520	(2.4)	522	(2.4)	2	(3.9)	
	Chinese Taipei	541	(3.1)	538	(4.4)	544	(3.5)	6	(4.8)	526	(2.5)	524	(3.5)	528	(3.0)	5	(4.3)	
	Thailand	444	(1.9)	448	(2.3)	439	(2.7)	<b>-9</b>	(3.3)	447	(1.7)	451	(2.1)	442	(2.6)	<b>-9</b>	(3.0)	
	Tunisia	428	(2.4)	428	(3.2)	427	(2.6)	-1	(3.2)	435	(2.2)	436	(2.8)	435	(2.7)	0	(3.2)	
	Uruguay	456	(2.1)	453	(2.5)	459	(2.9)	6	(3.3)	462	(1.9)	462	(2.4)	463	(2.5)	1	(3.0)	

Note: Values that are statistically significant are indicated in bold.

StatLink  <http://dx.doi.org/10.1787/562200685357>



[Part 1/1]

**Table A2.4 Mean score on the environmental science performance index and on the geoscience performance index, by students' immigrant background**

	Environmental science performance index								Geoscience performance index									
	All students		Students' immigrant background						All students		Students' immigrant background							
			Native students		Students with an immigrant background (first- and second-generation)		Difference in performance between native students and student with an immigrant background				Native students		Students with an immigrant background (first- and second-generation)		Difference in performance between native students and student with an immigrant background			
	Mean	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Mean	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.		
<b>OECD</b>																		
Australia	519	(1.8)	521	(1.5)	518	(4.3)	3	(4.1)	516	(1.5)	517	(1.4)	515	(3.8)	3	(3.8)		
Austria	502	(3.2)	512	(2.8)	444	(8.5)	<b>68</b>	(8.6)	501	(2.8)	508	(2.6)	453	(7.2)	<b>55</b>	(7.3)		
Belgium	508	(1.9)	516	(1.9)	453	(5.3)	<b>63</b>	(5.5)	512	(1.8)	519	(1.9)	463	(5.3)	<b>57</b>	(5.5)		
Canada	528	(1.5)	532	(1.6)	521	(3.8)	<b>11</b>	(4.1)	522	(1.3)	525	(1.3)	519	(3.1)	7	(3.4)		
Czech Republic	509	(2.6)	510	(2.6)	c	c	c	c	509	(2.4)	510	(2.4)	c	c	c	c		
Denmark	502	(2.7)	507	(2.5)	441	(7.0)	<b>66</b>	(6.8)	499	(2.1)	504	(1.9)	447	(6.3)	<b>56</b>	(6.1)		
Finland	543	(1.5)	545	(1.5)	c	c	c	c	541	(1.6)	542	(1.5)	c	c	c	c		
France	498	(2.6)	505	(2.7)	462	(7.1)	<b>43</b>	(7.8)	496	(2.4)	502	(2.5)	466	(6.9)	<b>36</b>	(7.6)		
Germany	513	(2.7)	525	(2.3)	461	(6.6)	<b>64</b>	(6.3)	513	(2.4)	522	(2.1)	470	(5.8)	<b>52</b>	(5.6)		
Greece	487	(2.6)	490	(2.6)	461	(9.3)	<b>30</b>	(9.2)	487	(2.3)	489	(2.3)	466	(8.4)	<b>23</b>	(8.4)		
Hungary	508	(2.3)	509	(2.3)	c	c	c	c	508	(2.1)	508	(2.1)	c	c	c	c		
Iceland	490	(1.6)	493	(1.6)	c	c	c	c	494	(1.7)	496	(1.7)	c	c	c	c		
Ireland	506	(2.5)	508	(2.4)	492	(9.7)	16	(9.7)	508	(2.2)	511	(2.2)	494	(8.5)	<b>17</b>	(8.5)		
Italy	476	(1.6)	479	(1.6)	439	(5.2)	<b>40</b>	(5.4)	480	(1.4)	482	(1.4)	447	(5.5)	<b>35</b>	(5.4)		
Japan	529	(2.5)	530	(2.5)	c	c	c	c	523	(2.1)	523	(2.1)	c	c	c	c		
Korea	522	(2.5)	523	(2.5)	c	c	c	c	519	(2.2)	519	(2.2)	c	c	c	c		
Luxembourg	487	(1.1)	506	(1.6)	454	(2.3)	<b>52</b>	(3.1)	486	(1.2)	501	(1.7)	460	(2.3)	<b>42</b>	(3.0)		
Mexico	436	(1.9)	439	(1.8)	c	c	c	c	448	(1.8)	451	(1.8)	c	c	c	c		
Netherlands	514	(2.5)	521	(2.1)	466	(7.9)	<b>54</b>	(7.8)	524	(2.4)	530	(2.1)	482	(6.8)	<b>48</b>	(6.7)		
New Zealand	515	(2.0)	519	(2.0)	507	(4.2)	<b>12</b>	(4.3)	510	(1.8)	512	(1.7)	505	(3.8)	7	(3.7)		
Norway	491	(2.3)	496	(2.1)	451	(7.9)	<b>45</b>	(7.5)	492	(2.2)	495	(2.1)	461	(7.0)	<b>34</b>	(6.7)		
Poland	507	(2.0)	508	(2.1)	c	c	c	c	506	(2.0)	507	(2.0)	c	c	c	c		
Portugal	475	(2.5)	478	(2.3)	441	(9.0)	<b>37</b>	(8.7)	478	(2.0)	481	(1.9)	446	(8.6)	<b>35</b>	(8.5)		
Slovak Republic	494	(2.6)	495	(2.6)	c	c	c	c	496	(2.2)	496	(2.2)	c	c	c	c		
Spain	495	(2.1)	499	(2.0)	459	(6.1)	<b>40</b>	(6.2)	497	(2.0)	500	(2.0)	463	(5.6)	<b>37</b>	(5.7)		
Sweden	497	(2.1)	503	(2.0)	463	(5.6)	<b>40</b>	(5.5)	493	(1.8)	498	(1.7)	464	(5.0)	<b>34</b>	(4.9)		
Switzerland	508	(2.6)	523	(2.4)	458	(4.0)	<b>65</b>	(3.6)	507	(2.1)	520	(2.0)	467	(3.3)	<b>53</b>	(2.9)		
Turkey	444	(3.1)	445	(3.1)	c	c	c	c	450	(2.7)	451	(2.8)	c	c	c	c		
United Kingdom	504	(1.5)	507	(1.4)	488	(7.6)	<b>19</b>	(7.7)	499	(1.4)	501	(1.4)	482	(6.5)	<b>19</b>	(6.7)		
United States	491	(3.4)	499	(3.4)	456	(5.5)	<b>43</b>	(5.3)	488	(3.0)	495	(3.1)	460	(5.2)	<b>35</b>	(5.3)		
<b>OECD average</b>	500	(0.4)	505	(0.4)	467	(1.5)	<b>41</b>	(1.5)	500	(0.4)	504	(0.4)	471	(1.3)	<b>34</b>	(1.4)		
<b>Partners</b>																		
Argentina	435	(3.8)	435	(3.8)	c	c	c	c	448	(3.6)	448	(3.6)	c	c	c	c		
Azerbaijan	411	(2.4)	412	(2.5)	c	c	c	c	421	(2.0)	421	(2.1)	c	c	c	c		
Brazil	430	(2.0)	432	(2.1)	c	c	c	c	437	(1.7)	439	(1.8)	c	c	c	c		
Bulgaria	461	(4.2)	462	(4.2)	c	c	c	c	466	(3.7)	467	(3.7)	c	c	c	c		
Chile	458	(3.1)	458	(3.3)	c	c	c	c	461	(2.8)	462	(2.9)	c	c	c	c		
Colombia	431	(2.9)	432	(2.8)	c	c	c	c	441	(2.7)	442	(2.8)	c	c	c	c		
Croatia	498	(2.1)	500	(2.3)	484	(3.9)	<b>16</b>	(4.2)	499	(2.1)	501	(2.2)	489	(4.2)	<b>12</b>	(4.5)		
Estonia	528	(2.3)	531	(2.5)	512	(4.3)	<b>19</b>	(4.6)	528	(1.8)	531	(2.1)	508	(4.1)	<b>23</b>	(4.6)		
Hong Kong-China	540	(2.0)	544	(2.5)	536	(2.9)	<b>8</b>	(3.7)	530	(1.8)	534	(2.1)	525	(2.7)	<b>9</b>	(3.3)		
Indonesia	428	(4.1)	429	(4.0)	c	c	c	c	436	(4.2)	436	(4.1)	c	c	c	c		
Israel	469	(2.9)	475	(3.1)	468	(4.6)	<b>7</b>	(4.2)	465	(2.7)	469	(3.1)	468	(4.2)	1	(4.4)		
Jordan	455	(2.4)	454	(2.4)	474	(4.1)	<b>-19</b>	(4.1)	454	(2.3)	454	(2.5)	471	(3.5)	<b>-17</b>	(3.9)		
Kyrgyzstan	396	(1.8)	396	(1.8)	c	c	c	c	409	(1.7)	409	(1.7)	c	c	c	c		
Latvia	497	(2.4)	497	(2.5)	510	(4.5)	<b>-12</b>	(5.1)	505	(2.3)	506	(2.4)	512	(4.9)	<b>-6</b>	(5.0)		
Liechtenstein	514	(3.9)	526	(5.1)	493	(7.5)	<b>33</b>	(10.0)	514	(4.3)	523	(6.2)	499	(8.3)	<b>24</b>	(11.4)		
Lithuania	497	(2.2)	499	(2.2)	c	c	c	c	497	(2.1)	498	(2.1)	c	c	c	c		
Macao-China	518	(1.2)	513	(2.6)	521	(1.4)	<b>-8</b>	(3.0)	514	(1.3)	510	(2.7)	517	(1.6)	<b>-6</b>	(3.3)		
Montenegro	448	(1.2)	447	(1.2)	461	(6.1)	<b>-14</b>	(6.2)	448	(1.4)	447	(1.4)	469	(6.8)	<b>-22</b>	(6.8)		
Qatar	399	(1.1)	384	(1.2)	427	(2.2)	<b>-43</b>	(2.4)	410	(1.2)	397	(1.4)	434	(2.2)	<b>-37</b>	(2.6)		
Romania	446	(3.2)	445	(3.2)	c	c	c	c	451	(3.1)	451	(3.1)	c	c	c	c		
Russian Federation	493	(2.6)	495	(2.7)	484	(5.4)	<b>11</b>	(5.5)	496	(2.0)	497	(2.1)	488	(4.8)	9	(4.7)		
Serbia	458	(2.4)	458	(2.4)	462	(4.4)	<b>-4</b>	(4.4)	459	(2.1)	460	(2.1)	461	(4.3)	<b>-1</b>	(4.5)		
Slovenia	523	(1.3)	528	(1.4)	481	(5.0)	<b>47</b>	(5.4)	521	(1.4)	525	(1.5)	485	(6.6)	<b>41</b>	(6.9)		
Chinese Taipei	541	(3.1)	543	(3.0)	c	c	c	c	526	(2.5)	527	(2.4)	c	c	c	c		
Thailand	444	(1.9)	445	(1.9)	c	c	c	c	447	(1.7)	448	(1.7)	c	c	c	c		
Tunisia	428	(2.4)	429	(2.5)	c	c	c	c	435	(2.2)	436	(2.3)	c	c	c	c		
Uruguay	456	(2.1)	458	(2.1)	c	c	c	c	462	(1.9)	464	(1.9)	c	c	c	c		

Note: Values that are statistically significant are indicated in bold. Countries with less than 30 students with an immigrant background and those where students constitute less than 3% of the population were not considered for the analysis.


StatLink <http://dx.doi.org/10.1787/562200685357>

[Part 1/2]

**Performance on the environmental science index and on the geoscience index, adjusted by the PISA index of economic, social and cultural status (ESCS) and by quarters**

Table A2.5 of the distribution of the index of ESCS in OECD countries

	Environmental science performance index												
	Unadjusted score		Score if ESCS equal to OECD average		Bottom quarter of ESCS distribution in OECD countries		Second quarter of ESCS distribution in OECD countries		Third quarter of ESCS distribution in OECD countries		Top quarter of ESCS distribution in OECD countries		
	Mean	S.E.	Adjusted Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	
<b>OECD</b>	Australia	519	(1.8)	513	(1.4)	481	(2.6)	505	(1.9)	523	(2.2)	550	(2.3)
	Austria	502	(3.2)	496	(3.1)	457	(7.0)	487	(4.0)	510	(3.5)	538	(3.1)
	Belgium	508	(1.9)	501	(1.9)	457	(4.1)	490	(2.9)	515	(2.7)	548	(1.9)
	Canada	528	(1.5)	521	(1.5)	496	(3.2)	513	(2.3)	531	(2.0)	548	(1.9)
	Czech Republic	509	(2.6)	507	(2.4)	473	(3.6)	496	(3.2)	521	(3.3)	549	(4.3)
	Denmark	502	(2.7)	493	(2.1)	459	(4.5)	484	(3.3)	502	(3.3)	534	(3.6)
	Finland	543	(1.5)	537	(1.5)	515	(3.9)	528	(3.0)	542	(2.5)	570	(2.6)
	France	498	(2.6)	503	(2.0)	455	(3.5)	489	(3.2)	517	(4.4)	554	(3.5)
	Germany	513	(2.7)	503	(2.4)	456	(5.6)	495	(3.6)	521	(2.9)	549	(2.6)
	Greece	487	(2.6)	492	(2.1)	458	(3.8)	488	(3.5)	494	(3.0)	527	(3.5)
	Hungary	509	(2.3)	512	(2.0)	473	(3.1)	504	(3.2)	520	(3.2)	554	(3.9)
	Iceland	490	(1.6)	474	(2.0)	451	(6.7)	465	(3.7)	483	(2.7)	506	(2.4)
	Ireland	506	(2.5)	508	(2.0)	475	(4.1)	501	(2.9)	518	(2.9)	541	(3.4)
	Italy	476	(1.6)	478	(1.5)	446	(1.8)	473	(2.3)	491	(2.6)	508	(3.6)
	Japan	529	(2.5)	531	(2.4)	497	(4.5)	526	(2.7)	545	(3.3)	554	(4.0)
	Korea	522	(2.5)	522	(2.2)	495	(4.5)	511	(3.0)	530	(3.0)	558	(4.7)
	Luxembourg	487	(1.1)	484	(1.2)	436	(2.3)	472	(3.5)	500	(2.6)	526	(2.1)
	Mexico	436	(1.9)	452	(2.2)	422	(1.9)	442	(2.4)	455	(2.4)	478	(4.7)
	Netherlands	514	(2.5)	505	(2.4)	470	(6.2)	496	(3.8)	513	(2.8)	549	(2.1)
	New Zealand	516	(2.0)	513	(1.7)	477	(3.4)	500	(2.6)	524	(3.0)	559	(3.0)
	Norway	491	(2.3)	481	(2.2)	451	(6.6)	471	(3.2)	490	(3.3)	518	(2.9)
	Poland	507	(2.0)	517	(1.8)	481	(2.5)	503	(2.5)	530	(3.4)	559	(3.5)
	Portugal	475	(2.5)	488	(1.8)	454	(3.1)	478	(3.0)	495	(4.3)	523	(3.2)
	Slovak Republic	494	(2.6)	498	(2.3)	461	(3.8)	492	(3.3)	510	(4.4)	537	(4.2)
	Spain	495	(2.1)	503	(1.6)	471	(2.4)	494	(3.0)	509	(3.0)	537	(3.0)
	Sweden	497	(2.1)	491	(1.8)	458	(3.9)	481	(3.0)	502	(2.7)	529	(4.2)
	Switzerland	508	(2.6)	505	(2.1)	464	(2.5)	499	(2.9)	516	(2.9)	548	(3.2)
	Turkey	444	(3.1)	470	(5.5)	432	(2.3)	461	(5.2)	475	(7.7)	523	(11.4)
United Kingdom	504	(1.5)	499	(1.3)	461	(3.3)	486	(2.5)	511	(2.6)	545	(2.7)	
United States	491	(3.4)	486	(2.6)	448	(4.0)	470	(4.3)	498	(3.3)	534	(3.6)	
<b>OECD average</b>	<b>500</b>	<b>(0.4)</b>	<b>499</b>	<b>(0.4)</b>	<b>464</b>	<b>(0.7)</b>	<b>490</b>	<b>(0.6)</b>	<b>510</b>	<b>(0.6)</b>	<b>538</b>	<b>(0.7)</b>	
<b>Partners</b>	Argentina	435	(3.8)	451	(3.0)	412	(3.0)	435	(4.4)	465	(5.8)	486	(5.0)
	Azerbaijan	411	(2.4)	414	(2.4)	406	(3.4)	409	(3.2)	413	(2.9)	429	(4.0)
	Brazil	430	(2.0)	452	(2.8)	413	(1.9)	443	(4.3)	454	(3.5)	502	(9.1)
	Bulgaria	461	(4.2)	469	(3.2)	427	(3.9)	457	(4.7)	482	(5.3)	512	(6.0)
	Chile	458	(3.1)	476	(2.8)	435	(2.3)	460	(4.0)	484	(5.0)	517	(4.9)
	Colombia	431	(2.9)	446	(2.9)	418	(3.0)	434	(5.5)	451	(5.3)	477	(6.0)
	Croatia	498	(2.1)	501	(1.9)	471	(3.4)	494	(2.9)	504	(3.0)	538	(3.4)
	Estonia	528	(2.3)	524	(2.3)	502	(4.3)	514	(3.6)	529	(3.0)	558	(3.2)
	Hong Kong-China	540	(2.0)	554	(2.2)	527	(2.7)	548	(2.9)	561	(4.4)	573	(6.2)
	Indonesia	428	(4.1)	451	(6.1)	419	(3.0)	453	(10.0)	457	(5.3)	c	c
	Israel	469	(2.9)	464	(2.9)	432	(5.4)	446	(5.4)	476	(3.6)	503	(3.9)
	Jordan	455	(2.4)	468	(2.4)	434	(2.1)	456	(3.6)	475	(3.4)	499	(5.7)
	Kyrgyzstan	396	(1.8)	405	(2.3)	386	(1.8)	400	(2.7)	407	(3.2)	430	(6.4)
	Latvia	497	(2.4)	497	(2.2)	476	(4.5)	487	(3.4)	504	(3.4)	525	(4.0)
	Liechtenstein	514	(3.9)	507	(4.2)	457	(8.9)	515	(8.7)	512	(9.5)	550	(8.7)
	Lithuania	497	(2.2)	496	(1.9)	462	(2.6)	491	(3.5)	502	(3.2)	536	(4.0)
	Macao-China	518	(1.2)	529	(2.2)	513	(1.4)	526	(3.0)	519	(5.5)	552	(7.3)
	Montenegro	448	(1.2)	448	(1.2)	426	(2.6)	445	(2.9)	450	(3.2)	476	(3.1)
	Qatar	399	(1.1)	398	(1.2)	390	(2.4)	387	(2.2)	400	(2.1)	413	(2.1)
	Romania	446	(3.2)	456	(3.3)	426	(4.0)	441	(3.6)	456	(6.3)	498	(6.4)
	Russian Federation	493	(2.6)	496	(2.3)	471	(3.6)	488	(3.5)	507	(3.2)	518	(4.5)
	Serbia	458	(2.4)	461	(2.0)	434	(3.1)	455	(2.9)	469	(3.6)	490	(3.0)
	Slovenia	523	(1.3)	518	(1.3)	475	(3.8)	508	(2.4)	531	(2.9)	567	(2.9)
	Chinese Taipei	541	(3.1)	553	(2.4)	511	(4.0)	544	(3.0)	562	(3.0)	595	(3.6)
Thailand	444	(1.9)	474	(2.7)	433	(1.8)	465	(5.2)	480	(4.9)	516	(5.9)	
Tunisia	428	(2.4)	443	(3.9)	416	(2.0)	436	(5.7)	445	(5.4)	471	(8.0)	
Uruguay	456	(2.1)	468	(2.0)	435	(2.5)	453	(3.5)	468	(4.3)	507	(3.9)	

StatLink  <http://dx.doi.org/10.1787/562200685357>



[Part 2/2]

Performance on the environmental science index and on the geoscience index, adjusted by the PISA index of economic, social and cultural status (ESCS) and by quarters

Table A2.5 of the distribution of the index of ESCS in OECD countries

	Geoscience performance index												
	Unadjusted score		Score if ESCS equal to OECD average		Bottom quarter of ESCS distribution in OECD countries		Second quarter of ESCS distribution in OECD countries		Third quarter of ESCS distribution in OECD countries		Top quarter of ESCS distribution in OECD countries		
	Mean	S.E.	Adjusted Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	
<b>OECD</b>	Australia	516	(1.5)	511	(1.3)	486	(2.8)	503	(1.9)	519	(2.1)	541	(2.1)
	Austria	501	(2.8)	495	(2.7)	460	(5.8)	488	(3.6)	509	(3.6)	529	(3.3)
	Belgium	512	(1.8)	506	(1.8)	468	(4.0)	497	(3.2)	517	(2.3)	547	(1.8)
	Canada	522	(1.3)	516	(1.2)	497	(2.8)	511	(2.3)	525	(2.0)	538	(1.8)
	Czech Republic	509	(2.4)	507	(2.2)	479	(3.5)	497	(3.3)	518	(3.0)	542	(4.1)
	Denmark	499	(2.1)	492	(1.8)	464	(4.3)	486	(3.3)	500	(2.9)	524	(3.0)
	Finland	541	(1.6)	536	(1.6)	518	(3.9)	530	(2.9)	539	(2.6)	563	(2.9)
	France	496	(2.4)	500	(1.8)	460	(3.3)	490	(3.0)	510	(4.2)	540	(3.3)
	Germany	513	(2.4)	505	(2.2)	466	(5.1)	503	(3.2)	519	(3.0)	540	(2.6)
	Greece	487	(2.3)	490	(1.9)	462	(3.3)	486	(3.0)	492	(2.9)	520	(3.5)
	Hungary	508	(2.1)	510	(2.0)	477	(2.9)	508	(2.9)	515	(4.1)	545	(3.7)
	Iceland	494	(1.7)	480	(2.1)	457	(7.3)	472	(3.8)	489	(3.1)	508	(2.2)
	Ireland	508	(2.2)	509	(1.9)	482	(4.3)	504	(2.8)	518	(3.0)	537	(3.2)
	Italy	480	(1.4)	481	(1.4)	455	(2.0)	477	(2.1)	493	(2.2)	505	(3.0)
	Japan	523	(2.1)	524	(2.0)	495	(4.6)	520	(2.7)	535	(3.2)	544	(3.2)
	Korea	519	(2.2)	519	(2.0)	498	(3.8)	509	(3.0)	527	(3.0)	546	(4.1)
	Luxembourg	486	(1.2)	483	(1.2)	445	(2.5)	470	(3.2)	497	(2.5)	520	(2.5)
	Mexico	448	(1.8)	463	(1.8)	436	(2.0)	457	(2.5)	464	(2.5)	484	(3.6)
	Netherlands	524	(2.4)	517	(2.2)	488	(5.2)	509	(3.8)	523	(3.5)	554	(2.3)
	New Zealand	510	(1.8)	508	(1.6)	480	(3.3)	497	(2.9)	515	(3.1)	544	(3.0)
	Norway	492	(2.2)	484	(2.2)	464	(6.0)	474	(3.0)	491	(3.2)	513	(2.7)
	Poland	506	(2.0)	515	(1.8)	484	(2.8)	504	(2.7)	523	(3.5)	552	(3.4)
	Portugal	478	(2.0)	488	(1.7)	462	(2.6)	482	(3.0)	496	(4.3)	511	(3.5)
	Slovak Republic	496	(2.2)	499	(2.0)	468	(3.4)	493	(2.9)	509	(4.0)	532	(4.2)
	Spain	497	(2.0)	504	(1.5)	475	(2.4)	498	(2.7)	510	(3.0)	533	(2.3)
	Sweden	493	(1.8)	488	(1.7)	462	(3.4)	479	(2.9)	497	(2.4)	520	(3.2)
	Switzerland	507	(2.1)	505	(1.7)	475	(2.2)	503	(2.7)	511	(2.8)	538	(3.0)
	Turkey	450	(2.7)	473	(4.6)	440	(2.2)	467	(5.8)	477	(6.9)	513	(10.1)
United Kingdom	499	(1.4)	494	(1.2)	465	(3.4)	484	(2.3)	505	(2.0)	531	(2.8)	
United States	488	(3.0)	484	(2.3)	454	(4.5)	467	(3.9)	496	(3.1)	524	(3.1)	
<b>OECD average</b>	<b>500</b>	<b>(0.4)</b>	<b>500</b>	<b>(0.4)</b>	<b>471</b>	<b>(0.7)</b>	<b>492</b>	<b>(0.6)</b>	<b>508</b>	<b>(0.6)</b>	<b>531</b>	<b>(0.6)</b>	
<b>Partners</b>	Argentina	448	(3.6)	461	(3.1)	427	(2.9)	449	(5.0)	474	(5.5)	489	(4.7)
	Azerbaijan	421	(2.0)	423	(2.0)	418	(2.7)	417	(3.2)	420	(2.6)	433	(3.6)
	Brazil	437	(1.7)	455	(2.2)	424	(1.9)	449	(4.0)	455	(3.4)	492	(7.5)
	Bulgaria	466	(3.7)	473	(2.8)	435	(3.5)	464	(4.3)	485	(5.1)	511	(4.9)
	Chile	461	(2.8)	477	(2.5)	442	(2.3)	465	(3.4)	480	(4.8)	514	(4.9)
	Colombia	441	(2.7)	454	(2.8)	430	(2.6)	445	(6.2)	455	(5.5)	482	(6.6)
	Croatia	499	(2.1)	501	(2.0)	480	(3.2)	496	(3.0)	503	(3.5)	528	(3.4)
	Estonia	528	(1.8)	525	(1.9)	510	(3.6)	515	(3.3)	530	(2.9)	551	(2.8)
	Hong Kong-China	530	(1.8)	542	(2.0)	517	(2.4)	538	(2.7)	546	(4.8)	561	(6.5)
	Indonesia	436	(4.2)	453	(5.7)	429	(3.4)	455	(9.3)	458	(5.6)	c	c
	Israel	465	(2.7)	461	(2.7)	436	(5.1)	443	(5.1)	472	(3.3)	492	(4.1)
	Jordan	454	(2.3)	465	(2.2)	437	(2.3)	453	(3.6)	473	(3.3)	494	(5.0)
	Kyrgyzstan	409	(1.7)	416	(2.0)	400	(1.7)	411	(2.7)	421	(3.0)	439	(5.6)
	Latvia	505	(2.3)	506	(2.1)	485	(4.2)	500	(3.6)	514	(4.1)	528	(3.6)
	Liechtenstein	514	(4.3)	510	(4.5)	474	(12.4)	526	(9.1)	509	(9.9)	532	(9.4)
	Lithuania	497	(2.1)	496	(1.8)	466	(2.7)	493	(3.3)	503	(3.0)	528	(3.8)
	Macao-China	514	(1.3)	523	(2.4)	511	(1.7)	518	(3.5)	518	(5.5)	545	(7.9)
	Montenegro	448	(1.4)	449	(1.4)	431	(2.6)	446	(2.8)	447	(3.3)	475	(3.1)
	Qatar	410	(1.2)	409	(1.2)	402	(2.7)	398	(2.2)	411	(2.0)	421	(2.1)
	Romania	451	(3.1)	460	(3.1)	433	(4.8)	446	(3.5)	463	(5.5)	495	(5.7)
	Russian Federation	496	(2.0)	498	(1.8)	476	(3.2)	492	(2.9)	508	(3.2)	519	(3.5)
	Serbia	459	(2.1)	462	(1.8)	438	(2.7)	456	(2.7)	468	(3.0)	488	(3.3)
	Slovenia	521	(1.4)	517	(1.5)	483	(3.9)	508	(2.4)	530	(3.2)	554	(3.2)
	Chinese Taipei	526	(2.5)	535	(1.9)	501	(3.6)	529	(2.6)	542	(2.9)	570	(3.7)
	Thailand	447	(1.7)	472	(2.5)	438	(1.6)	465	(4.3)	476	(4.6)	509	(6.1)
	Tunisia	435	(2.2)	449	(3.5)	425	(2.1)	442	(4.7)	454	(5.4)	472	(7.3)
	Uruguay	462	(1.9)	472	(1.7)	443	(2.8)	459	(3.3)	475	(3.6)	503	(3.5)

StatLink  <http://dx.doi.org/10.1787/562200685357>

[Part 1/1]

Table A3.1 Students' familiarity with environmental issues

	Percentage of students who report that they are familiar with or know something about the following environmental issues through different sources											
	Air pollution		Energy shortages		Extinction of plants and animals		Clearing of forests for other land use		Water shortages		Nuclear waste	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>												
Australia	99	(0.15)	94	(0.24)	99	(0.11)	98	(0.14)	98	(0.10)	92	(0.32)
Austria	99	(0.19)	90	(0.67)	99	(0.17)	98	(0.25)	94	(0.53)	90	(0.55)
Belgium	98	(0.23)	81	(0.63)	96	(0.24)	94	(0.28)	89	(0.36)	84	(0.51)
Canada	99	(0.10)	90	(0.34)	98	(0.12)	97	(0.15)	94	(0.22)	89	(0.35)
Czech Republic	99	(0.16)	97	(0.26)	99	(0.17)	98	(0.25)	97	(0.30)	98	(0.25)
Denmark	97	(0.33)	91	(0.48)	98	(0.29)	97	(0.29)	92	(0.46)	90	(0.56)
Finland	99	(0.12)	92	(0.50)	100	(0.10)	97	(0.48)	96	(0.26)	94	(0.41)
France	97	(0.33)	72	(0.74)	95	(0.30)	91	(0.40)	84	(0.69)	80	(0.59)
Germany	98	(0.28)	92	(0.41)	99	(0.23)	97	(0.29)	93	(0.44)	87	(0.59)
Greece	95	(0.52)	89	(0.57)	96	(0.39)	79	(0.71)	95	(0.40)	88	(0.57)
Hungary	99	(0.21)	98	(0.25)	99	(0.17)	97	(0.24)	97	(0.29)	90	(0.53)
Iceland	98	(0.21)	87	(0.50)	97	(0.28)	96	(0.32)	96	(0.37)	90	(0.44)
Ireland	98	(0.24)	95	(0.39)	98	(0.27)	97	(0.30)	97	(0.28)	93	(0.40)
Italy	97	(0.22)	94	(0.27)	98	(0.16)	96	(0.24)	97	(0.15)	84	(0.47)
Japan	99	(0.14)	93	(0.38)	98	(0.23)	97	(0.29)	95	(0.33)	84	(0.59)
Korea	99	(0.13)	97	(0.22)	98	(0.19)	87	(0.56)	99	(0.14)	87	(0.61)
Luxembourg	97	(0.29)	80	(0.58)	97	(0.24)	94	(0.33)	87	(0.43)	81	(0.59)
Mexico	98	(0.37)	81	(0.57)	98	(0.27)	97	(0.25)	98	(0.25)	82	(0.54)
Netherlands	91	(0.56)	88	(0.61)	97	(0.31)	97	(0.37)	90	(0.58)	89	(0.52)
New Zealand	98	(0.22)	95	(0.28)	98	(0.17)	96	(0.35)	95	(0.32)	87	(0.53)
Norway	96	(0.25)	94	(0.33)	98	(0.24)	96	(0.32)	96	(0.31)	88	(0.74)
Poland	99	(0.14)	98	(0.19)	99	(0.11)	99	(0.11)	96	(0.26)	83	(0.66)
Portugal	99	(0.20)	93	(0.57)	99	(0.25)	98	(0.25)	96	(0.48)	93	(0.57)
Slovak Republic	99	(0.18)	98	(0.23)	98	(0.20)	95	(0.34)	98	(0.25)	96	(0.36)
Spain	99	(0.16)	96	(0.27)	99	(0.12)	96	(0.28)	99	(0.13)	92	(0.36)
Sweden	96	(0.32)	89	(0.51)	97	(0.37)	76	(0.68)	93	(0.46)	89	(0.64)
Switzerland	98	(0.20)	81	(0.54)	97	(0.20)	94	(0.29)	90	(0.39)	81	(0.46)
Turkey	98	(0.19)	97	(0.29)	98	(0.43)	97	(0.26)	96	(0.32)	97	(0.50)
United Kingdom	99	(0.14)	97	(0.24)	99	(0.15)	96	(0.28)	97	(0.30)	94	(0.37)
United States	98	(0.27)	95	(0.38)	98	(0.24)	97	(0.28)	95	(0.38)	91	(0.43)
<b>OECD average</b>	<b>98</b>	<b>(0.05)</b>	<b>91</b>	<b>(0.07)</b>	<b>98</b>	<b>(0.04)</b>	<b>95</b>	<b>(0.06)</b>	<b>95</b>	<b>(0.06)</b>	<b>89</b>	<b>(0.09)</b>
<b>Partners</b>												
Argentina	97	(0.59)	87	(0.80)	97	(0.39)	93	(0.60)	93	(0.65)	76	(0.92)
Azerbaijan	91	(0.57)	90	(0.47)	95	(0.38)	92	(0.50)	92	(0.48)	85	(0.71)
Brazil	98	(0.22)	84	(0.82)	98	(0.23)	95	(0.39)	88	(0.72)	85	(0.55)
Bulgaria	96	(0.56)	96	(0.34)	97	(0.34)	97	(0.42)	96	(0.42)	91	(0.57)
Chile	97	(0.37)	93	(0.49)	96	(0.36)	89	(0.70)	94	(0.40)	80	(0.66)
Colombia	100	(0.11)	99	(0.16)	99	(0.12)	99	(0.10)	100	(0.08)	96	(0.23)
Croatia	56	(0.97)	87	(0.67)	97	(0.49)	94	(0.77)	95	(0.66)	79	(0.84)
Estonia	99	(0.17)	98	(0.21)	100	(0.12)	98	(0.22)	99	(0.15)	98	(0.25)
Hong Kong-China	99	(0.13)	93	(0.45)	99	(0.15)	98	(0.23)	96	(0.33)	93	(0.34)
Indonesia	99	(0.10)	99	(0.21)	99	(0.16)	99	(0.20)	96	(0.31)	85	(0.71)
Israel	97	(0.31)	97	(0.27)	98	(0.27)	96	(0.42)	97	(0.26)	70	(0.84)
Jordan	92	(0.55)	88	(0.61)	93	(0.52)	87	(0.59)	95	(0.41)	73	(0.72)
Kyrgyzstan	94	(0.50)	95	(0.41)	96	(0.42)	93	(0.47)	97	(0.32)	90	(0.49)
Latvia	91	(0.54)	89	(0.58)	91	(0.50)	85	(0.65)	88	(0.61)	81	(0.65)
Liechtenstein	99	(0.14)	91	(0.54)	99	(0.15)	99	(0.24)	93	(0.48)	92	(0.54)
Lithuania	99	(0.42)	88	(1.44)	99	(0.58)	97	(0.76)	93	(1.03)	81	(2.04)
Macao-China	99	(0.12)	94	(0.40)	100	(0.10)	97	(0.34)	93	(0.47)	87	(0.53)
Montenegro	99	(0.11)	99	(0.19)	99	(0.14)	98	(0.22)	99	(0.17)	80	(0.68)
Qatar	93	(0.38)	91	(0.44)	93	(0.36)	92	(0.43)	94	(0.38)	85	(0.58)
Romania	85	(0.38)	85	(0.48)	90	(0.38)	87	(0.42)	89	(0.45)	74	(0.59)
Russian Federation	98	(0.42)	86	(0.68)	98	(0.22)	95	(0.43)	91	(0.52)	91	(0.55)
Serbia	99	(0.17)	96	(0.31)	98	(0.24)	99	(0.17)	95	(0.36)	96	(0.26)
Slovenia	99	(0.19)	96	(0.28)	98	(0.21)	97	(0.30)	98	(0.21)	94	(0.36)
Chinese Taipei	98	(0.24)	98	(0.26)	99	(0.17)	98	(0.28)	99	(0.20)	97	(0.28)
Thailand	98	(0.27)	98	(0.30)	99	(0.22)	96	(0.30)	98	(0.22)	71	(0.77)
Tunisia	90	(0.55)	90	(0.47)	89	(0.61)	88	(0.63)	90	(0.52)	71	(0.85)
Uruguay	98	(0.23)	92	(0.51)	96	(0.31)	94	(0.45)	97	(0.27)	77	(0.66)






[Part 1/1]

## Index of students' sense of responsibility for environmental issues

Table A3.2 Results based on students' self-reports

		Index of students' sense of responsibility for environmental issues															
		All students		Males		Females		Gender difference (M – F)		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 index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	-0.19	(0.01)	-0.29	(0.01)	-0.07	(0.01)	-0.22	(0.02)	-1.31	(0.02)	-0.48	(0.00)	0.01	(0.00)	1.03	(0.01)
	Austria	-0.03	(0.02)	-0.16	(0.02)	0.10	(0.02)	-0.26	(0.03)	-1.13	(0.02)	-0.42	(0.01)	0.18	(0.01)	1.25	(0.01)
	Belgium	-0.09	(0.02)	-0.15	(0.02)	-0.01	(0.02)	-0.14	(0.03)	-1.14	(0.03)	-0.44	(0.00)	0.08	(0.00)	1.15	(0.01)
	Canada	-0.10	(0.01)	-0.21	(0.02)	0.01	(0.02)	-0.22	(0.02)	-1.29	(0.02)	-0.45	(0.00)	0.13	(0.00)	1.20	(0.01)
	Czech Republic	0.02	(0.02)	-0.05	(0.02)	0.12	(0.02)	-0.17	(0.03)	-1.03	(0.02)	-0.40	(0.01)	0.21	(0.01)	1.31	(0.01)
	Denmark	-0.35	(0.02)	-0.44	(0.02)	-0.27	(0.02)	-0.17	(0.03)	-1.46	(0.02)	-0.66	(0.00)	-0.16	(0.00)	0.87	(0.02)
	Finland	-0.52	(0.01)	-0.65	(0.02)	-0.38	(0.02)	-0.27	(0.03)	-1.46	(0.01)	-0.81	(0.00)	-0.38	(0.01)	0.58	(0.02)
	France	0.04	(0.02)	-0.01	(0.02)	0.09	(0.02)	-0.10	(0.03)	-1.05	(0.02)	-0.31	(0.00)	0.24	(0.01)	1.27	(0.01)
	Germany	0.08	(0.02)	-0.04	(0.02)	0.20	(0.02)	-0.24	(0.03)	-1.05	(0.02)	-0.28	(0.00)	0.30	(0.01)	1.35	(0.00)
	Greece	0.14	(0.02)	0.05	(0.02)	0.23	(0.02)	-0.18	(0.03)	-0.91	(0.02)	-0.20	(0.00)	0.35	(0.01)	1.32	(0.01)
	Hungary	0.26	(0.02)	0.17	(0.02)	0.34	(0.02)	-0.17	(0.03)	-0.75	(0.02)	-0.06	(0.01)	0.44	(0.01)	1.39	(0.00)
	Iceland	-0.42	(0.02)	-0.47	(0.02)	-0.36	(0.02)	-0.11	(0.03)	-1.62	(0.01)	-0.88	(0.01)	-0.24	(0.01)	1.08	(0.01)
	Ireland	-0.26	(0.02)	-0.37	(0.03)	-0.16	(0.02)	-0.20	(0.03)	-1.50	(0.02)	-0.59	(0.00)	-0.04	(0.01)	1.08	(0.01)
	Italy	0.14	(0.01)	0.06	(0.02)	0.22	(0.01)	-0.16	(0.02)	-0.96	(0.01)	-0.26	(0.00)	0.40	(0.01)	1.39	(0.00)
	Japan	0.01	(0.01)	-0.07	(0.02)	0.09	(0.02)	-0.16	(0.03)	-1.07	(0.02)	-0.35	(0.00)	0.20	(0.01)	1.28	(0.01)
	Korea	0.07	(0.01)	0.08	(0.02)	0.07	(0.02)	0.01	(0.02)	-0.81	(0.02)	-0.25	(0.00)	0.16	(0.01)	1.19	(0.01)
	Luxembourg	-0.02	(0.02)	-0.12	(0.02)	0.09	(0.02)	-0.21	(0.03)	-1.32	(0.02)	-0.40	(0.01)	0.28	(0.01)	1.38	(0.00)
	Mexico	0.57	(0.02)	0.47	(0.02)	0.66	(0.02)	-0.19	(0.03)	-0.59	(0.02)	0.29	(0.00)	1.20	(0.01)	1.39	(0.00)
	Netherlands	-0.01	(0.02)	-0.10	(0.02)	0.08	(0.02)	-0.19	(0.03)	-1.11	(0.01)	-0.40	(0.00)	0.18	(0.01)	1.28	(0.01)
	New Zealand	-0.31	(0.01)	-0.42	(0.02)	-0.22	(0.02)	-0.19	(0.03)	-1.47	(0.02)	-0.62	(0.00)	-0.10	(0.01)	0.94	(0.01)
	Norway	-0.40	(0.02)	-0.54	(0.03)	-0.25	(0.02)	-0.30	(0.03)	-1.72	(0.03)	-0.75	(0.00)	-0.15	(0.01)	1.03	(0.01)
	Poland	0.01	(0.02)	-0.13	(0.02)	0.16	(0.02)	-0.29	(0.02)	-1.15	(0.02)	-0.33	(0.01)	0.25	(0.01)	1.29	(0.01)
	Portugal	0.60	(0.01)	0.53	(0.02)	0.66	(0.02)	-0.13	(0.03)	-0.56	(0.02)	-0.32	(0.01)	1.24	(0.01)	1.40	(0.00)
	Slovak Republic	0.18	(0.02)	0.13	(0.02)	0.23	(0.02)	-0.10	(0.03)	-0.91	(0.02)	-0.19	(0.01)	0.41	(0.01)	1.39	(0.00)
	Spain	0.58	(0.01)	0.47	(0.01)	0.70	(0.01)	-0.23	(0.02)	-0.57	(0.01)	0.29	(0.01)	1.22	(0.01)	1.40	(0.00)
	Sweden	-0.43	(0.02)	-0.57	(0.02)	-0.27	(0.02)	-0.30	(0.03)	-1.63	(0.02)	-0.78	(0.00)	-0.25	(0.01)	0.96	(0.02)
	Switzerland	-0.12	(0.01)	-0.21	(0.02)	-0.04	(0.02)	-0.17	(0.02)	-1.20	(0.01)	-0.47	(0.00)	0.05	(0.00)	1.13	(0.01)
Turkey	0.88	(0.02)	0.76	(0.03)	1.03	(0.02)	-0.27	(0.03)	-0.45	(0.04)	1.19	(0.01)	1.39	(0.00)	1.40	(0.00)	
United Kingdom	-0.30	(0.01)	-0.35	(0.02)	-0.25	(0.02)	-0.10	(0.02)	-1.48	(0.02)	-0.60	(0.00)	-0.09	(0.01)	0.97	(0.01)	
United States	-0.08	(0.02)	-0.21	(0.03)	0.06	(0.02)	-0.27	(0.04)	-1.40	(0.03)	-0.44	(0.01)	0.21	(0.01)	1.30	(0.01)	
<b>OECD average</b>	<b>0.00</b>	<b>(0.00)</b>	<b>-0.10</b>	<b>(0.00)</b>	<b>0.10</b>	<b>(0.00)</b>	<b>-0.19</b>	<b>(0.01)</b>	<b>-1.14</b>	<b>(0.00)</b>	<b>-0.32</b>	<b>(0.00)</b>	<b>0.26</b>	<b>(0.00)</b>	<b>1.20</b>	<b>(0.00)</b>	
Partners	Argentina	0.42	(0.02)	0.33	(0.03)	0.51	(0.02)	-0.18	(0.03)	-0.78	(0.02)	0.08	(0.01)	1.00	(0.01)	1.39	(0.00)
	Azerbaijan	0.29	(0.03)	0.21	(0.03)	0.36	(0.03)	-0.15	(0.03)	-1.03	(0.02)	-0.11	(0.01)	0.89	(0.02)	1.39	(0.00)
	Brazil	0.52	(0.02)	0.38	(0.02)	0.64	(0.02)	-0.26	(0.03)	-0.75	(0.02)	0.22	(0.01)	1.21	(0.01)	1.39	(0.00)
	Bulgaria	0.37	(0.02)	0.24	(0.03)	0.50	(0.03)	-0.27	(0.04)	-0.87	(0.02)	0.01	(0.00)	0.94	(0.01)	1.39	(0.00)
	Chile	0.52	(0.01)	0.45	(0.02)	0.60	(0.02)	-0.15	(0.03)	-0.54	(0.01)	0.19	(0.01)	1.03	(0.01)	1.39	(0.00)
	Colombia	0.71	(0.03)	0.60	(0.04)	0.80	(0.03)	-0.20	(0.04)	-0.57	(0.03)	0.62	(0.02)	1.39	(0.00)	1.40	(0.00)
	Croatia	0.44	(0.02)	0.35	(0.02)	0.53	(0.02)	-0.19	(0.02)	-0.72	(0.02)	0.07	(0.00)	1.01	(0.01)	1.39	(0.00)
	Estonia	-0.04	(0.01)	-0.10	(0.02)	0.03	(0.02)	-0.12	(0.03)	-1.01	(0.01)	-0.35	(0.00)	0.11	(0.01)	1.10	(0.01)
	Hong Kong-China	-0.02	(0.02)	-0.04	(0.02)	0.00	(0.02)	-0.04	(0.03)	-1.16	(0.02)	-0.43	(0.01)	0.21	(0.01)	1.30	(0.01)
	Indonesia	0.38	(0.02)	0.24	(0.03)	0.52	(0.02)	-0.28	(0.03)	-0.94	(0.02)	0.04	(0.01)	1.02	(0.01)	1.39	(0.00)
	Israel	-0.26	(0.02)	-0.32	(0.03)	-0.20	(0.03)	-0.11	(0.04)	-1.43	(0.04)	-0.48	(0.00)	-0.02	(0.01)	0.90	(0.02)
	Jordan	-0.01	(0.02)	-0.09	(0.02)	0.08	(0.02)	-0.18	(0.03)	-1.10	(0.02)	-0.38	(0.01)	0.20	(0.01)	1.27	(0.01)
	Kyrgyzstan	0.01	(0.02)	-0.13	(0.03)	0.12	(0.03)	-0.26	(0.04)	-1.50	(0.03)	-0.36	(0.01)	0.49	(0.01)	1.39	(0.00)
	Latvia	-0.06	(0.01)	-0.16	(0.02)	0.03	(0.02)	-0.19	(0.03)	-1.07	(0.01)	-0.40	(0.01)	0.11	(0.01)	1.11	(0.01)
	Liechtenstein	-0.13	(0.06)	-0.15	(0.09)	-0.12	(0.07)	-0.03	(0.12)	-1.32	(0.08)	-0.51	(0.02)	0.08	(0.02)	1.21	(0.04)
	Lithuania	0.06	(0.01)	0.00	(0.02)	0.13	(0.02)	-0.13	(0.03)	-0.94	(0.02)	-0.27	(0.00)	0.22	(0.01)	1.23	(0.01)
	Macao-China	0.11	(0.02)	0.01	(0.02)	0.22	(0.02)	-0.20	(0.03)	-1.19	(0.02)	-0.25	(0.01)	0.50	(0.01)	1.39	(0.00)
	Montenegro	0.22	(0.02)	0.17	(0.02)	0.28	(0.02)	-0.12	(0.03)	-1.00	(0.02)	-0.14	(0.01)	0.64	(0.02)	1.39	(0.00)
	Qatar	-0.23	(0.01)	-0.28	(0.02)	-0.18	(0.02)	-0.10	(0.03)	-1.54	(0.02)	-0.60	(0.00)	0.00	(0.01)	1.23	(0.01)
	Romania	-0.16	(0.02)	-0.24	(0.03)	-0.08	(0.03)	-0.16	(0.05)	-1.31	(0.03)	-0.47	(0.01)	0.04	(0.01)	1.11	(0.01)
	Russian Federation	0.17	(0.02)	0.09	(0.03)	0.25	(0.03)	-0.16	(0.02)	-0.88	(0.02)	-0.15	(0.00)	0.34	(0.00)	1.37	(0.00)
	Serbia	0.25	(0.02)	0.20	(0.02)	0.31	(0.02)	-0.11	(0.03)	-0.94	(0.02)	-0.09	(0.00)	0.66	(0.01)	1.39	(0.00)
	Slovenia	0.11	(0.01)	0.05	(0.02)	0.17	(0.02)	-0.13	(0.03)	-1.01	(0.02)	-0.23	(0.01)	0.36	(0.01)	1.33	(0.01)
	Chinese Taipei	0.52	(0.02)	0.45	(0.02)	0.59	(0.02)	-0.14	(0.02)	-1.01	(0.03)	0.30	(0.01)	1.39	(0.00)	1.40	(0.00)
	Thailand	0.29	(0.02)	0.09	(0.03)	0.43	(0.02)	-0.34	(0.04)	-0.99	(0.03)	-0.06	(0.01)	0.81	(0.01)	1.39	(0.00)
	Tunisia	-0.16	(0.02)	-0.19	(0.02)	-0.14	(0.02)	-0.05	(0.03)	-1.14	(0.02)	-0.47	(0.01)	0.00	(0.01)	0.96	(0.02)
	Uruguay	0.15	(0.02)	0.10	(0.02)	0.19	(0.02)	-0.09	(0.03)	-0.87	(0.02)	-0.14	(0.00)	0.37	(0.01)	1.24	(0.01)

Note: Values that are statistically significant are indicated in bold.

StatLink  <http://dx.doi.org/10.1787/562201383324>


[Part 1/1]

## Index of students' optimism regarding environmental issues

Table A3.3 Results based on students' self-reports

		Index of students' optimism regarding environmental issues															
		All students		Males		Females		Gender difference (M – F)		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 index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	-0.13	(0.01)	-0.03	(0.02)	-0.24	(0.02)	<b>0.21</b>	(0.02)	-1.43	(0.01)	-0.42	(0.00)	0.20	(0.00)	1.13	(0.01)
	Austria	-0.21	(0.02)	-0.12	(0.02)	-0.31	(0.02)	<b>0.20</b>	(0.02)	-1.29	(0.01)	-0.40	(0.01)	0.08	(0.00)	0.76	(0.01)
	Belgium	-0.17	(0.01)	-0.11	(0.02)	-0.23	(0.02)	<b>0.12</b>	(0.02)	-1.41	(0.01)	-0.40	(0.01)	0.15	(0.00)	0.98	(0.02)
	Canada	-0.22	(0.01)	-0.07	(0.01)	-0.37	(0.02)	<b>0.30</b>	(0.02)	-1.54	(0.00)	-0.49	(0.00)	0.15	(0.00)	1.02	(0.01)
	Czech Republic	0.06	(0.02)	0.14	(0.02)	-0.04	(0.02)	<b>0.18</b>	(0.03)	-1.14	(0.02)	-0.15	(0.00)	0.36	(0.01)	1.17	(0.02)
	Denmark	0.07	(0.02)	0.16	(0.02)	-0.01	(0.02)	<b>0.17</b>	(0.03)	-1.01	(0.02)	-0.11	(0.01)	0.36	(0.00)	1.06	(0.02)
	Finland	0.00	(0.01)	0.10	(0.02)	-0.10	(0.02)	<b>0.20</b>	(0.02)	-1.13	(0.01)	-0.15	(0.00)	0.30	(0.00)	0.98	(0.02)
	France	-0.11	(0.02)	-0.09	(0.02)	-0.13	(0.02)	0.03	(0.03)	-1.30	(0.01)	-0.36	(0.01)	0.18	(0.00)	1.04	(0.02)
	Germany	-0.10	(0.01)	-0.01	(0.02)	-0.20	(0.02)	<b>0.19</b>	(0.03)	-1.25	(0.01)	-0.28	(0.01)	0.19	(0.00)	0.92	(0.02)
	Greece	0.06	(0.02)	0.20	(0.02)	-0.08	(0.02)	<b>0.29</b>	(0.03)	-1.25	(0.02)	-0.19	(0.00)	0.40	(0.01)	1.28	(0.02)
	Hungary	-0.05	(0.02)	-0.02	(0.02)	-0.09	(0.02)	<b>0.07</b>	(0.03)	-1.30	(0.01)	-0.24	(0.01)	0.25	(0.01)	1.09	(0.02)
	Iceland	0.03	(0.01)	0.09	(0.02)	-0.02	(0.02)	<b>0.12</b>	(0.03)	-1.17	(0.01)	-0.15	(0.00)	0.35	(0.00)	1.10	(0.02)
	Ireland	0.12	(0.02)	0.24	(0.02)	0.01	(0.02)	<b>0.23</b>	(0.03)	-1.10	(0.01)	-0.10	(0.01)	0.43	(0.01)	1.26	(0.02)
	Italy	0.03	(0.01)	0.11	(0.02)	-0.04	(0.02)	<b>0.15</b>	(0.02)	-1.15	(0.01)	-0.17	(0.00)	0.33	(0.00)	1.14	(0.01)
	Japan	0.10	(0.02)	0.16	(0.03)	0.04	(0.02)	<b>0.12</b>	(0.03)	-1.30	(0.01)	-0.09	(0.01)	0.48	(0.00)	1.32	(0.02)
	Korea	0.37	(0.02)	0.42	(0.03)	0.31	(0.02)	<b>0.11</b>	(0.03)	-1.08	(0.01)	0.11	(0.01)	0.68	(0.00)	1.76	(0.02)
	Luxembourg	-0.18	(0.01)	-0.09	(0.02)	-0.26	(0.02)	<b>0.17</b>	(0.02)	-1.43	(0.01)	-0.41	(0.01)	0.13	(0.00)	0.99	(0.02)
	Mexico	-0.14	(0.02)	-0.14	(0.03)	-0.14	(0.03)	0.00	(0.03)	-1.55	(0.00)	-0.52	(0.00)	0.14	(0.01)	1.35	(0.02)
	Netherlands	0.09	(0.02)	0.16	(0.03)	0.02	(0.02)	<b>0.15</b>	(0.04)	-1.15	(0.01)	-0.12	(0.01)	0.42	(0.01)	1.22	(0.02)
	New Zealand	-0.22	(0.02)	-0.14	(0.02)	-0.30	(0.02)	<b>0.15</b>	(0.03)	-1.53	(0.01)	-0.49	(0.01)	0.13	(0.00)	1.01	(0.02)
	Norway	0.42	(0.02)	0.54	(0.02)	0.30	(0.02)	<b>0.24</b>	(0.03)	-0.80	(0.02)	0.19	(0.01)	0.67	(0.00)	1.64	(0.02)
	Poland	0.19	(0.02)	0.26	(0.02)	0.12	(0.02)	<b>0.15</b>	(0.03)	-1.10	(0.02)	-0.06	(0.01)	0.50	(0.00)	1.42	(0.02)
	Portugal	-0.20	(0.02)	-0.09	(0.03)	-0.30	(0.03)	<b>0.21</b>	(0.03)	-1.59	(0.00)	-0.57	(0.01)	0.04	(0.01)	1.32	(0.02)
	Slovak Republic	-0.08	(0.02)	-0.02	(0.02)	-0.15	(0.02)	<b>0.12</b>	(0.03)	-1.34	(0.01)	-0.33	(0.01)	0.24	(0.00)	1.10	(0.02)
	Spain	0.17	(0.01)	0.24	(0.02)	0.10	(0.02)	<b>0.14</b>	(0.03)	-1.12	(0.01)	-0.07	(0.00)	0.50	(0.00)	1.38	(0.01)
	Sweden	0.19	(0.02)	0.29	(0.02)	0.10	(0.02)	<b>0.19</b>	(0.03)	-1.06	(0.01)	-0.01	(0.01)	0.51	(0.00)	1.33	(0.02)
	Switzerland	-0.10	(0.01)	-0.02	(0.01)	-0.18	(0.01)	<b>0.16</b>	(0.02)	-1.26	(0.01)	-0.29	(0.00)	0.18	(0.00)	0.98	(0.01)
Turkey	-0.08	(0.03)	0.04	(0.03)	-0.22	(0.04)	<b>0.25</b>	(0.05)	-1.61	(0.00)	-0.61	(0.01)	0.31	(0.01)	1.60	(0.03)	
United Kingdom	-0.07	(0.01)	0.05	(0.02)	-0.19	(0.02)	<b>0.24</b>	(0.03)	-1.45	(0.01)	-0.36	(0.01)	0.27	(0.00)	1.25	(0.02)	
United States	0.14	(0.03)	0.32	(0.03)	-0.04	(0.03)	<b>0.36</b>	(0.03)	-1.33	(0.01)	-0.11	(0.00)	0.49	(0.01)	1.50	(0.02)	
<b>OECD average</b>	<b>0.00</b>	<b>(0.00)</b>	<b>0.09</b>	<b>(0.00)</b>	<b>-0.09</b>	<b>(0.00)</b>	<b>0.17</b>	<b>(0.01)</b>	<b>-1.27</b>	<b>(0.00)</b>	<b>-0.25</b>	<b>(0.00)</b>	<b>0.31</b>	<b>(0.00)</b>	<b>1.20</b>	<b>(0.00)</b>	
Partners	Argentina	0.15	(0.03)	0.12	(0.03)	0.19	(0.04)	-0.07	(0.04)	-1.34	(0.01)	-0.15	(0.01)	0.55	(0.01)	1.57	(0.02)
	Azerbaijan	0.63	(0.04)	0.54	(0.04)	0.72	(0.04)	<b>-0.18</b>	(0.04)	-1.01	(0.03)	0.33	(0.01)	1.01	(0.01)	2.19	(0.02)
	Brazil	0.01	(0.02)	0.01	(0.03)	0.01	(0.02)	0.00	(0.03)	-1.60	(0.00)	-0.43	(0.01)	0.41	(0.01)	1.66	(0.02)
	Bulgaria	0.68	(0.03)	0.82	(0.03)	0.54	(0.03)	<b>0.28</b>	(0.04)	-0.89	(0.02)	0.39	(0.01)	1.02	(0.01)	2.22	(0.02)
	Chile	0.29	(0.03)	0.31	(0.03)	0.27	(0.03)	0.04	(0.04)	-1.08	(0.01)	0.03	(0.01)	0.64	(0.01)	1.58	(0.02)
	Colombia	0.30	(0.06)	0.35	(0.04)	0.26	(0.08)	0.09	(0.06)	-1.29	(0.02)	-0.10	(0.01)	0.68	(0.01)	1.91	(0.02)
	Croatia	-0.29	(0.02)	-0.20	(0.02)	-0.38	(0.03)	<b>0.18</b>	(0.03)	-1.61	(0.00)	-0.62	(0.01)	0.00	(0.01)	1.06	(0.02)
	Estonia	0.02	(0.02)	0.09	(0.02)	-0.06	(0.02)	<b>0.15</b>	(0.03)	-1.18	(0.01)	-0.20	(0.01)	0.29	(0.01)	1.18	(0.02)
	Hong Kong-China	0.33	(0.02)	0.36	(0.02)	0.30	(0.02)	0.05	(0.03)	-0.94	(0.02)	0.09	(0.01)	0.65	(0.00)	1.52	(0.02)
	Indonesia	0.16	(0.02)	0.18	(0.03)	0.13	(0.02)	0.05	(0.03)	-1.26	(0.01)	-0.09	(0.01)	0.50	(0.00)	1.49	(0.02)
	Israel	0.48	(0.02)	0.55	(0.03)	0.42	(0.03)	<b>0.13</b>	(0.05)	-0.98	(0.02)	0.22	(0.01)	0.82	(0.01)	1.86	(0.02)
	Jordan	0.24	(0.03)	0.32	(0.04)	0.17	(0.04)	<b>0.15</b>	(0.05)	-1.39	(0.01)	-0.13	(0.01)	0.66	(0.01)	1.82	(0.02)
	Kyrgyzstan	0.72	(0.03)	0.65	(0.03)	0.79	(0.03)	<b>-0.15</b>	(0.04)	-0.83	(0.02)	0.50	(0.01)	1.10	(0.01)	2.12	(0.02)
	Latvia	0.16	(0.02)	0.22	(0.03)	0.10	(0.02)	<b>0.11</b>	(0.03)	-0.86	(0.02)	-0.07	(0.01)	0.40	(0.00)	1.18	(0.02)
	Liechtenstein	-0.26	(0.05)	-0.24	(0.09)	-0.28	(0.07)	0.05	(0.12)	-1.50	(0.03)	-0.48	(0.02)	0.07	(0.02)	0.89	(0.06)
	Lithuania	0.18	(0.02)	0.21	(0.03)	0.15	(0.02)	0.06	(0.03)	-1.07	(0.02)	-0.08	(0.01)	0.47	(0.01)	1.42	(0.02)
	Macao-China	0.36	(0.02)	0.46	(0.03)	0.25	(0.02)	<b>0.21</b>	(0.04)	-0.99	(0.02)	0.06	(0.01)	0.66	(0.01)	1.70	(0.02)
	Montenegro	0.60	(0.02)	0.64	(0.03)	0.56	(0.03)	<b>0.08</b>	(0.04)	-0.79	(0.02)	0.31	(0.01)	0.88	(0.01)	1.99	(0.02)
	Qatar	0.73	(0.02)	0.75	(0.02)	0.72	(0.02)	0.03	(0.03)	-0.78	(0.02)	0.46	(0.01)	1.01	(0.01)	2.24	(0.02)
	Romania	0.51	(0.02)	0.58	(0.03)	0.45	(0.02)	<b>0.13</b>	(0.04)	-0.76	(0.02)	0.23	(0.01)	0.78	(0.01)	1.80	(0.04)
	Russian Federation	0.57	(0.01)	0.60	(0.02)	0.55	(0.02)	<b>0.06</b>	(0.03)	-0.56	(0.02)	0.29	(0.00)	0.80	(0.00)	1.76	(0.02)
	Serbia	0.28	(0.02)	0.37	(0.03)	0.19	(0.03)	<b>0.19</b>	(0.04)	-1.19	(0.02)	-0.05	(0.01)	0.61	(0.01)	1.75	(0.02)
	Slovenia	-0.12	(0.02)	0.00	(0.02)	-0.24	(0.02)	<b>0.24</b>	(0.03)	-1.34	(0.01)	-0.37	(0.01)	0.19	(0.01)	1.04	(0.02)
	Chinese Taipei	0.03	(0.02)	0.06	(0.02)	-0.01	(0.03)	0.07	(0.04)	-1.44	(0.01)	-0.32	(0.01)	0.40	(0.01)	1.48	(0.02)
	Thailand	0.58	(0.02)	0.61	(0.03)	0.56	(0.03)	0.05	(0.04)	-1.02	(0.02)	0.26	(0.01)	0.94	(0.01)	2.12	(0.02)
	Tunisia	0.30	(0.03)	0.29	(0.03)	0.31	(0.03)	-0.02	(0.04)	-1.13	(0.02)	0.11	(0.01)	0.72	(0.00)	1.49	(0.02)
	Uruguay	-0.03	(0.02)	-0.04	(0.03)	-0.01	(0.03)	-0.03	(0.05)	-1.49	(0.01)	-0.40	(0.01)	0.34	(0.01)	1.44	(0.02)

Note: Values that are statistically significant are indicated in bold.

StatLink  <http://dx.doi.org/10.1787/562201383324>




[Part 1/1]

## Index of students' awareness of more complex environmental issues

Table A3.4 Results based on students' self-reports

		Index of students' awareness of more complex environmental issues															
		All students		Males		Females		Gender difference (M – F)		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 index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	0.10	(0.02)	0.19	(0.02)	0.01	(0.02)	<b>0.18</b>	(0.03)	-1.10	(0.01)	-0.19	(0.00)	0.37	(0.00)	1.33	(0.02)
	Austria	0.23	(0.02)	0.32	(0.03)	0.14	(0.03)	<b>0.18</b>	(0.04)	-0.99	(0.02)	-0.05	(0.01)	0.52	(0.01)	1.46	(0.02)
	Belgium	-0.16	(0.02)	-0.06	(0.02)	-0.27	(0.02)	<b>0.21</b>	(0.03)	-1.37	(0.02)	-0.42	(0.00)	0.14	(0.00)	1.00	(0.02)
	Canada	0.27	(0.01)	0.36	(0.02)	0.18	(0.02)	<b>0.18</b>	(0.02)	-0.93	(0.01)	-0.05	(0.00)	0.52	(0.00)	1.55	(0.02)
	Czech Republic	0.07	(0.02)	0.14	(0.02)	-0.02	(0.03)	<b>0.16</b>	(0.03)	-0.94	(0.02)	-0.18	(0.00)	0.30	(0.00)	1.08	(0.02)
	Denmark	-0.21	(0.02)	-0.06	(0.03)	-0.35	(0.03)	<b>0.29</b>	(0.03)	-1.39	(0.02)	-0.51	(0.01)	0.08	(0.00)	1.00	(0.02)
	Finland	-0.02	(0.02)	0.08	(0.02)	-0.12	(0.02)	<b>0.20</b>	(0.03)	-1.06	(0.01)	-0.26	(0.01)	0.21	(0.01)	1.04	(0.02)
	France	-0.16	(0.02)	-0.02	(0.03)	-0.30	(0.02)	<b>0.28</b>	(0.03)	-1.38	(0.02)	-0.44	(0.01)	0.12	(0.01)	1.04	(0.02)
	Germany	0.15	(0.02)	0.31	(0.04)	-0.01	(0.03)	<b>0.32</b>	(0.04)	-1.19	(0.03)	-0.12	(0.01)	0.47	(0.01)	1.44	(0.02)
	Greece	0.09	(0.02)	0.13	(0.03)	0.05	(0.03)	<b>0.08</b>	(0.04)	-1.07	(0.02)	-0.21	(0.00)	0.35	(0.00)	1.28	(0.01)
	Hungary	0.10	(0.01)	0.13	(0.02)	0.08	(0.02)	0.05	(0.03)	-0.91	(0.02)	-0.18	(0.00)	0.33	(0.00)	1.16	(0.02)
	Iceland	-0.39	(0.02)	-0.18	(0.03)	-0.61	(0.02)	<b>0.43</b>	(0.04)	-1.77	(0.02)	-0.73	(0.01)	-0.08	(0.01)	1.01	(0.03)
	Ireland	0.38	(0.02)	0.44	(0.04)	0.32	(0.03)	<b>0.12</b>	(0.04)	-0.83	(0.02)	0.08	(0.00)	0.66	(0.00)	1.59	(0.02)
	Italy	0.18	(0.02)	0.25	(0.02)	0.12	(0.02)	<b>0.12</b>	(0.03)	-0.96	(0.01)	-0.08	(0.00)	0.44	(0.00)	1.34	(0.01)
	Japan	-0.13	(0.02)	-0.07	(0.03)	-0.19	(0.02)	<b>0.13</b>	(0.03)	-1.10	(0.02)	-0.37	(0.00)	0.08	(0.00)	0.86	(0.02)
	Korea	-0.22	(0.02)	-0.19	(0.03)	-0.26	(0.03)	0.08	(0.04)	-1.20	(0.02)	-0.50	(0.00)	0.00	(0.01)	0.80	(0.02)
	Luxembourg	-0.26	(0.02)	-0.08	(0.02)	-0.44	(0.02)	<b>0.36</b>	(0.03)	-1.69	(0.02)	-0.60	(0.01)	0.12	(0.01)	1.14	(0.02)
	Mexico	-0.45	(0.02)	-0.44	(0.02)	-0.47	(0.02)	0.03	(0.02)	-1.60	(0.01)	-0.74	(0.01)	-0.16	(0.00)	0.70	(0.01)
	Netherlands	-0.08	(0.02)	0.02	(0.02)	-0.17	(0.02)	<b>0.19</b>	(0.02)	-1.12	(0.02)	-0.30	(0.01)	0.16	(0.01)	0.95	(0.02)
	New Zealand	-0.12	(0.02)	-0.02	(0.02)	-0.21	(0.02)	<b>0.19</b>	(0.03)	-1.30	(0.02)	-0.41	(0.01)	0.15	(0.01)	1.08	(0.02)
	Norway	0.06	(0.02)	0.19	(0.03)	-0.07	(0.02)	<b>0.26</b>	(0.03)	-1.18	(0.02)	-0.20	(0.00)	0.35	(0.00)	1.29	(0.02)
Poland	0.37	(0.02)	0.38	(0.02)	0.37	(0.02)	0.01	(0.03)	-0.81	(0.02)	0.06	(0.00)	0.59	(0.01)	1.66	(0.02)	
Portugal	0.12	(0.02)	0.18	(0.03)	0.05	(0.02)	<b>0.13</b>	(0.03)	-1.02	(0.02)	-0.17	(0.01)	0.38	(0.00)	1.27	(0.02)	
Slovak Republic	0.15	(0.02)	0.21	(0.03)	0.09	(0.03)	<b>0.12</b>	(0.04)	-0.98	(0.02)	-0.16	(0.01)	0.38	(0.00)	1.37	(0.02)	
Spain	0.06	(0.02)	0.13	(0.02)	-0.01	(0.02)	<b>0.15</b>	(0.02)	-1.09	(0.01)	-0.24	(0.00)	0.30	(0.00)	1.27	(0.02)	
Sweden	-0.24	(0.02)	-0.08	(0.03)	-0.41	(0.03)	<b>0.33</b>	(0.04)	-1.62	(0.02)	-0.60	(0.01)	0.09	(0.01)	1.17	(0.02)	
Switzerland	-0.22	(0.02)	-0.04	(0.02)	-0.41	(0.03)	<b>0.37</b>	(0.03)	-1.54	(0.02)	-0.50	(0.01)	0.13	(0.00)	1.04	(0.01)	
Turkey	0.07	(0.03)	-0.01	(0.04)	0.17	(0.03)	<b>-0.17</b>	(0.04)	-1.19	(0.02)	-0.23	(0.01)	0.37	(0.00)	1.34	(0.02)	
United Kingdom	0.25	(0.01)	0.40	(0.02)	0.11	(0.02)	<b>0.29</b>	(0.03)	-1.00	(0.02)	-0.06	(0.01)	0.51	(0.01)	1.54	(0.02)	
United States	0.01	(0.03)	0.11	(0.03)	-0.10	(0.03)	<b>0.21</b>	(0.03)	-1.28	(0.02)	-0.32	(0.01)	0.29	(0.01)	1.34	(0.02)	
<b>OECD average</b>	<b>0.00</b>	<b>(0.00)</b>	<b>0.09</b>	<b>(0.00)</b>	<b>-0.09</b>	<b>(0.00)</b>	<b>0.18</b>	<b>(0.01)</b>	<b>-1.19</b>	<b>(0.00)</b>	<b>-0.29</b>	<b>(0.00)</b>	<b>0.27</b>	<b>(0.00)</b>	<b>1.21</b>	<b>(0.00)</b>	
Partners	Argentina	-0.63	(0.04)	-0.62	(0.04)	-0.63	(0.04)	0.01	(0.04)	-1.85	(0.02)	-0.93	(0.01)	-0.32	(0.01)	0.59	(0.02)
	Azerbaijan	-0.56	(0.03)	-0.56	(0.03)	-0.55	(0.03)	-0.01	(0.04)	-1.94	(0.02)	-0.89	(0.01)	-0.24	(0.01)	0.86	(0.02)
	Brazil	-0.26	(0.02)	-0.24	(0.03)	-0.28	(0.03)	0.03	(0.03)	-1.45	(0.02)	-0.62	(0.01)	-0.01	(0.01)	1.04	(0.02)
	Bulgaria	-0.10	(0.03)	-0.19	(0.04)	-0.02	(0.03)	<b>-0.17</b>	(0.04)	-1.35	(0.03)	-0.32	(0.01)	0.22	(0.01)	1.03	(0.02)
	Chile	-0.27	(0.03)	-0.19	(0.03)	-0.36	(0.03)	<b>0.17</b>	(0.03)	-1.39	(0.02)	-0.59	(0.01)	-0.03	(0.01)	0.93	(0.02)
	Colombia	-0.43	(0.03)	-0.44	(0.04)	-0.43	(0.04)	-0.01	(0.04)	-1.62	(0.02)	-0.74	(0.01)	-0.12	(0.01)	0.76	(0.02)
	Croatia	0.32	(0.02)	0.32	(0.03)	0.33	(0.02)	0.00	(0.03)	-0.78	(0.02)	0.05	(0.00)	0.54	(0.01)	1.49	(0.02)
	Estonia	0.24	(0.02)	0.24	(0.02)	0.24	(0.02)	0.00	(0.03)	-0.85	(0.02)	-0.06	(0.01)	0.45	(0.01)	1.42	(0.02)
	Hong Kong-China	0.34	(0.02)	0.38	(0.02)	0.31	(0.02)	<b>0.07</b>	(0.03)	-0.62	(0.02)	0.11	(0.00)	0.56	(0.01)	1.31	(0.01)
	Indonesia	-1.09	(0.02)	-1.12	(0.03)	-1.04	(0.02)	<b>-0.08</b>	(0.03)	-2.03	(0.02)	-1.32	(0.00)	-0.85	(0.00)	-0.14	(0.02)
	Israel	-0.66	(0.03)	-0.57	(0.04)	-0.74	(0.04)	<b>0.17</b>	(0.06)	-2.19	(0.02)	-0.97	(0.01)	-0.31	(0.01)	0.84	(0.03)
	Jordan	-0.04	(0.02)	-0.25	(0.03)	0.17	(0.03)	<b>-0.41</b>	(0.04)	-1.36	(0.02)	-0.32	(0.01)	0.28	(0.01)	1.25	(0.02)
	Kyrgyzstan	-0.45	(0.02)	-0.57	(0.03)	-0.35	(0.03)	<b>-0.22</b>	(0.04)	-1.79	(0.02)	-0.74	(0.01)	-0.12	(0.01)	0.84	(0.02)
	Latvia	-0.02	(0.02)	0.01	(0.03)	-0.04	(0.03)	0.04	(0.03)	-1.04	(0.02)	-0.25	(0.01)	0.23	(0.01)	0.99	(0.01)
	Liechtenstein	0.01	(0.05)	0.16	(0.07)	-0.12	(0.07)	<b>0.27</b>	(0.10)	-1.17	(0.07)	-0.19	(0.01)	0.33	(0.02)	1.07	(0.05)
	Lithuania	-0.02	(0.02)	0.00	(0.03)	-0.05	(0.03)	0.06	(0.03)	-1.18	(0.02)	-0.31	(0.01)	0.27	(0.01)	1.13	(0.02)
	Macao-China	0.06	(0.01)	0.08	(0.02)	0.03	(0.02)	0.05	(0.03)	-0.95	(0.02)	-0.17	(0.00)	0.29	(0.01)	1.05	(0.02)
	Montenegro	0.03	(0.02)	-0.02	(0.02)	0.09	(0.02)	<b>-0.12</b>	(0.03)	-1.25	(0.03)	-0.27	(0.01)	0.33	(0.01)	1.32	(0.02)
	Qatar	-0.72	(0.02)	-0.68	(0.02)	-0.76	(0.02)	<b>0.08</b>	(0.03)	-2.26	(0.02)	-1.05	(0.00)	-0.38	(0.01)	0.81	(0.02)
	Romania	-0.37	(0.03)	-0.40	(0.04)	-0.34	(0.03)	-0.06	(0.04)	-1.55	(0.02)	-0.64	(0.01)	-0.08	(0.01)	0.81	(0.02)
	Russian Federation	0.18	(0.03)	0.18	(0.03)	0.18	(0.03)	0.00	(0.03)	-0.99	(0.02)	-0.09	(0.01)	0.42	(0.01)	1.38	(0.02)
	Serbia	0.02	(0.02)	-0.03	(0.03)	0.06	(0.02)	<b>-0.09</b>	(0.03)	-1.15	(0.02)	-0.27	(0.01)	0.28	(0.01)	1.20	(0.02)
	Slovenia	0.30	(0.01)	0.33	(0.03)	0.27	(0.02)	0.06	(0.04)	-0.80	(0.02)	0.07	(0.00)	0.52	(0.01)	1.40	(0.02)
	Chinese Taipei	0.46	(0.02)	0.51	(0.02)	0.40	(0.02)	<b>0.11</b>	(0.03)	-0.55	(0.02)	0.22	(0.00)	0.61	(0.00)	1.54	(0.02)
	Thailand	-0.20	(0.02)	-0.31	(0.03)	-0.11	(0.02)	<b>-0.21</b>	(0.03)	-1.30	(0.02)	-0.44	(0.01)	0.11	(0.01)	0.85	(0.01)
	Tunisia	-0.73	(0.02)	-0.68	(0.03)	-0.78	(0.03)	<b>0.10</b>	(0.03)	-1.85	(0.02)	-1.01	(0.01)	-0.47	(0.01)	0.41	(0.02)
	Uruguay	-0.34	(0.02)	-0.32	(0.03)	-0.35	(0.02)	0.03	(0.03)	-1.46	(0.02)	-0.64	(0.01)	-0.08	(0.01)	0.83	(0.02)


Note: Values that are statistically significant are indicated in bold.

StatLink  <http://dx.doi.org/10.1787/562201383324>

[Part 1/1]

Table A3.5 Parents' sense of responsibility for environmental issues

	Percentage of parents who believe the following environmental issues to be a serious concern for themselves or other people in their country:												Percentage of missing data
	Air pollution		Energy shortages		Extinction of plants and animals		Clearing of forests for other land use		Water shortages		Nuclear waste		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
Bulgaria	99	(0.3)	95	(0.4)	96	(0.5)	98	(0.3)	95	(0.4)	95	(0.4)	7%
Colombia	98	(0.3)	97	(0.4)	97	(0.5)	97	(0.3)	98	(0.3)	90	(0.6)	7%
Croatia	99	(0.1)	98	(0.2)	98	(0.2)	97	(0.3)	95	(0.3)	97	(0.3)	4%
Denmark	96	(0.4)	90	(0.6)	92	(0.6)	89	(0.6)	86	(0.7)	87	(0.6)	39%
Germany	99	(0.2)	96	(0.3)	97	(0.3)	94	(0.4)	87	(0.5)	97	(0.3)	19%
Hong Kong-China	97	(0.3)	87	(0.5)	75	(0.6)	75	(0.7)	81	(0.6)	70	(0.7)	3%
Iceland	94	(0.5)	67	(0.9)	81	(0.7)	78	(0.8)	64	(0.8)	78	(0.9)	36%
Italy	99	(0.1)	95	(0.3)	91	(0.3)	90	(0.3)	91	(0.3)	90	(0.3)	14%
Korea	98	(0.2)	98	(0.2)	95	(0.4)	95	(0.3)	96	(0.3)	95	(0.3)	1%
Luxembourg	98	(0.2)	95	(0.3)	94	(0.4)	92	(0.5)	91	(0.5)	92	(0.5)	24%
Macao-China	96	(0.3)	91	(0.5)	83	(0.5)	85	(0.6)	92	(0.5)	76	(0.7)	1%
New Zealand	95	(0.4)	97	(0.3)	95	(0.4)	92	(0.4)	93	(0.4)	80	(0.6)	32%
Portugal	98	(0.2)	98	(0.3)	97	(0.3)	97	(0.2)	98	(0.2)	94	(0.4)	13%
Qatar	94	(0.3)	88	(0.4)	84	(0.6)	68	(0.7)	91	(0.4)	77	(0.7)	39%
Turkey	99	(0.3)	95	(0.5)	95	(0.4)	97	(0.3)	94	(0.4)	94	(0.4)	2%

StatLink  <http://dx.doi.org/10.1787/562201383324>

[Part 1/1]

Table A3.6 Parents' optimism regarding environmental issues

	Percentage of parents who believe the problems associated with the environmental issues below will improve over the next 20 years											
	Air pollution		Energy shortages		Extinction of plants and animals		Clearing of forests for other land use		Water shortages		Nuclear waste	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Bulgaria	25	(1.1)	30	(0.9)	17	(1.1)	19	(0.9)	22	(1.1)	25	(1.1)
Colombia	21	(0.8)	31	(1.1)	20	(0.9)	20	(0.8)	22	(1.1)	16	(0.8)
Croatia	10	(0.4)	11	(0.4)	8	(0.3)	9	(0.4)	6	(0.4)	9	(0.4)
Denmark	10	(0.6)	7	(0.5)	4	(0.4)	8	(0.5)	4	(0.4)	13	(0.7)
Germany	15	(0.6)	6	(0.4)	4	(0.3)	5	(0.4)	4	(0.4)	9	(0.4)
Hong Kong-China	22	(0.7)	21	(0.7)	20	(0.5)	17	(0.6)	23	(0.7)	20	(0.6)
Iceland	3	(0.4)	7	(0.6)	3	(0.4)	6	(0.5)	3	(0.4)	8	(0.6)
Italy	9	(0.3)	11	(0.3)	8	(0.4)	8	(0.4)	8	(0.3)	9	(0.4)
Korea	28	(0.7)	27	(0.6)	20	(0.7)	25	(0.7)	18	(0.5)	27	(0.6)
Luxembourg	12	(0.5)	9	(0.5)	7	(0.4)	7	(0.4)	6	(0.4)	8	(0.4)
Macao-China	32	(0.8)	27	(0.8)	26	(0.8)	26	(0.8)	30	(0.8)	26	(0.8)
New Zealand	12	(0.7)	9	(0.6)	7	(0.4)	6	(0.5)	6	(0.5)	9	(0.6)
Portugal	12	(0.5)	13	(0.5)	13	(0.5)	12	(0.5)	11	(0.5)	9	(0.4)
Qatar	37	(0.8)	44	(1.0)	32	(0.8)	28	(0.7)	39	(0.8)	26	(0.8)
Turkey	22	(0.7)	28	(0.9)	13	(0.6)	14	(0.5)	19	(0.7)	12	(0.6)


StatLink  <http://dx.doi.org/10.1787/562201383324>

[Part 1/1]

Table A3.7 Relationship between parents' and students' attitude towards environmental issues

	Students' and parents' sense of responsibility for environmental issues		Students' and parents' optimism regarding environmental issues	
	Correlation coefficient	S.E.	Correlation coefficient	S.E.
Bulgaria	0.15	(0.02)	0.27	(0.02)
Colombia	0.28	(0.02)	0.41	(0.02)
Croatia	0.14	(0.02)	0.22	(0.02)
Denmark	0.04	(0.02)	0.07	(0.02)
Germany	0.10	(0.02)	0.15	(0.01)
Hong Kong-China	0.24	(0.02)	0.27	(0.01)
Iceland	0.08	(0.02)	0.07	(0.02)
Italy	0.20	(0.01)	0.18	(0.01)
Korea	0.16	(0.02)	0.15	(0.01)
Luxembourg	0.11	(0.01)	0.15	(0.02)
Macao-China	0.23	(0.02)	0.30	(0.02)
New Zealand	0.15	(0.02)	0.14	(0.02)
Portugal	0.17	(0.02)	0.34	(0.02)
Qatar	0.23	(0.02)	0.34	(0.02)
Turkey	0.37	(0.03)	0.54	(0.02)

Note: Correlation coefficients are calculated at the student level.

StatLink  <http://dx.doi.org/10.1787/562201383324>



[Part 1/1]


## Effect sizes for gender differences (males minus females) in environmental science attitude indices

Table A3.8 Results based on students' self-reports

		Effect size in favour of females:		Effect size in favour of males:			
		from -0.2 to -0.5		from 0.2 to 0.5			
		from -0.5 to -0.8		from 0.5 to 0.8			
		equal or greater than -0.8		equal or greater than 0.8			
		Sense of responsibility for environmental issues		Optimism regarding environmental issues		Awareness of environmental issues	
		Effect size <sup>1</sup>	S.E.	Effect size <sup>1</sup>	S.E.	Effect size <sup>1</sup>	S.E.
OECD	Australia	-0.22	(0.09)	<b>0.21</b>	(0.08)	<b>0.18</b>	(0.08)
	Austria	<b>-0.28</b>	(0.11)	<b>0.25</b>	(0.10)	<b>0.18</b>	(0.08)
	Belgium	-0.15	(0.06)	<b>0.13</b>	(0.05)	<b>0.22</b>	(0.09)
	Canada	-0.22	(0.08)	<b>0.31</b>	(0.12)	<b>0.18</b>	(0.07)
	Czech Republic	-0.19	(0.08)	<b>0.20</b>	(0.08)	<b>0.19</b>	(0.08)
	Denmark	-0.18	(0.07)	<b>0.20</b>	(0.09)	<b>0.31</b>	(0.13)
	Finland	-0.33	(0.13)	<b>0.24</b>	(0.10)	<b>0.23</b>	(0.10)
	France	-0.11	(0.04)	0.04	(0.03)	<b>0.29</b>	(0.12)
	Germany	-0.26	(0.11)	<b>0.22</b>	(0.09)	<b>0.30</b>	(0.13)
	Greece	-0.21	(0.09)	<b>0.29</b>	(0.11)	0.08	(0.05)
	Hungary	-0.21	(0.09)	<b>0.08</b>	(0.06)	0.06	(0.04)
	Iceland	-0.11	(0.05)	<b>0.13</b>	(0.06)	<b>0.39</b>	(0.16)
	Ireland	-0.20	(0.07)	<b>0.25</b>	(0.09)	<b>0.12</b>	(0.06)
	Italy	-0.18	(0.07)	<b>0.17</b>	(0.07)	<b>0.13</b>	(0.06)
	Japan	-0.17	(0.07)	<b>0.12</b>	(0.05)	<b>0.15</b>	(0.07)
	Korea	0.01	(0.02)	<b>0.10</b>	(0.05)	0.09	(0.05)
	Luxembourg	-0.20	(0.08)	<b>0.18</b>	(0.08)	<b>0.32</b>	(0.13)
	Mexico	-0.23	(0.09)	0.00	(0.02)	0.03	(0.03)
	Netherlands	-0.20	(0.08)	<b>0.16</b>	(0.07)	<b>0.22</b>	(0.09)
	New Zealand	-0.20	(0.08)	<b>0.15</b>	(0.07)	<b>0.19</b>	(0.08)
	Norway	-0.27	(0.12)	<b>0.25</b>	(0.11)	<b>0.26</b>	(0.11)
	Poland	-0.30	(0.12)	<b>0.14</b>	(0.06)	0.01	(0.02)
	Portugal	-0.16	(0.07)	<b>0.18</b>	(0.08)	<b>0.14</b>	(0.06)
	Slovak Republic	-0.11	(0.05)	<b>0.13</b>	(0.06)	<b>0.12</b>	(0.06)
	Spain	-0.27	(0.11)	<b>0.14</b>	(0.06)	<b>0.15</b>	(0.06)
	Sweden	-0.29	(0.12)	<b>0.20</b>	(0.08)	<b>0.30</b>	(0.12)
	Switzerland	-0.19	(0.08)	<b>0.19</b>	(0.08)	<b>0.35</b>	(0.14)
	Turkey	-0.32	(0.15)	<b>0.20</b>	(0.08)	-0.17	(0.08)
United Kingdom	-0.10	(0.04)	<b>0.23</b>	(0.09)	<b>0.28</b>	(0.12)	
United States	-0.25	(0.10)	<b>0.33</b>	(0.13)	<b>0.20</b>	(0.08)	
OECD average	-0.20	(0.02)	<b>0.18</b>	(0.01)	<b>0.18</b>	(0.02)	
Partners	Argentina	-0.20	(0.09)	-0.06	(0.03)	0.01	(0.03)
	Azerbaijan	-0.15	(0.06)	<b>-0.15</b>	(0.06)	-0.01	(0.03)
	Brazil	-0.28	(0.12)	0.00	(0.02)	0.03	(0.03)
	Bulgaria	-0.28	(0.12)	<b>0.23</b>	(0.09)	<b>-0.17</b>	(0.08)
	Chile	-0.19	(0.08)	0.04	(0.03)	<b>0.19</b>	(0.08)
	Colombia	-0.22	(0.09)	0.07	(0.05)	-0.01	(0.04)
	Croatia	-0.21	(0.09)	<b>0.18</b>	(0.07)	0.00	(0.03)
	Estonia	-0.15	(0.07)	<b>0.16</b>	(0.07)	-0.00	(0.02)
	Hong Kong-China	-0.04	(0.03)	0.05	(0.03)	0.09	(0.05)
	Indonesia	-0.28	(0.11)	0.05	(0.03)	<b>-0.10</b>	(0.05)
	Israel	-0.11	(0.06)	<b>0.12</b>	(0.06)	<b>0.14</b>	(0.07)
	Jordan	-0.19	(0.08)	<b>0.12</b>	(0.06)	<b>-0.40</b>	(0.17)
	Kyrgyzstan	-0.22	(0.09)	<b>-0.13</b>	(0.05)	<b>-0.21</b>	(0.09)
	Latvia	-0.22	(0.10)	<b>0.14</b>	(0.06)	0.05	(0.04)
	Liechtenstein	-0.03	(0.10)	0.05	(0.10)	0.30	(0.15)
	Lithuania	-0.15	(0.07)	0.06	(0.03)	0.06	(0.04)
	Macao-China	-0.20	(0.08)	<b>0.20</b>	(0.08)	0.06	(0.04)
	Montenegro	-0.12	(0.05)	0.07	(0.04)	<b>-0.11</b>	(0.05)
	Qatar	-0.09	(0.04)	0.02	(0.02)	0.06	(0.03)
	Romania	-0.17	(0.08)	<b>0.13</b>	(0.06)	-0.06	(0.04)
	Russian Federation	-0.18	(0.07)	0.06	(0.03)	0.00	(0.02)
	Serbia	-0.12	(0.05)	<b>0.16</b>	(0.07)	<b>-0.09</b>	(0.05)
	Slovenia	-0.14	(0.06)	<b>0.26</b>	(0.11)	0.06	(0.04)
	Chinese Taipei	-0.12	(0.05)	0.06	(0.03)	<b>0.13</b>	(0.06)
	Thailand	-0.34	(0.14)	0.04	(0.03)	<b>-0.23</b>	(0.10)
	Tunisia	-0.05	(0.04)	-0.02	(0.03)	<b>0.11</b>	(0.05)
	Uruguay	-0.11	(0.05)	-0.02	(0.03)	0.03	(0.03)

1. See Appendix B, technical notes for the definition and formula of effect size.

Note: Values that are statistically significant are indicated in bold.

StatLink  <http://dx.doi.org/10.1787/562201383324>


[Part 1/1]

**Effect sizes for the difference between the top and bottom quarters of the PISA index of economic, social and cultural status (ESCS) for environmental science attitude indices**
**Table A3.9** Results based on students' self-reports

		Effect size in favour of students from more advantaged backgrounds:		Effect size in favour of students from less advantaged backgrounds:			
		from 0.2 to 0.5	from 0.5 to 0.8	from -0.2 to -0.5	from -0.5 to -0.8		
		equal or greater than 0.8		equal or greater than -0.8			
		Sense of responsibility for environmental issues		Optimism regarding environmental issues		Awareness of environmental issues	
		Effect size <sup>1</sup>	S.E.	Effect size <sup>1</sup>	S.E.	Effect size <sup>1</sup>	S.E.
OECD	Australia	<b>0.12</b>	(0.04)	<b>-0.07</b>	(0.03)	<b>0.68</b>	(0.24)
	Austria	0.05	(0.04)	<b>-0.25</b>	(0.09)	<b>0.69</b>	(0.25)
	Belgium	0.03	(0.03)	<b>-0.28</b>	(0.10)	<b>0.83</b>	(0.27)
	Canada	0.05	(0.03)	<b>-0.08</b>	(0.04)	<b>0.60</b>	(0.22)
	Czech Republic	<b>-0.20</b>	(0.08)	<b>-0.11</b>	(0.06)	<b>0.49</b>	(0.19)
	Denmark	0.04	(0.05)	<b>-0.10</b>	(0.05)	<b>0.68</b>	(0.24)
	Finland	0.02	(0.04)	<b>-0.14</b>	(0.06)	<b>0.52</b>	(0.20)
	France	<b>0.33</b>	(0.12)	<b>-0.52</b>	(0.18)	<b>0.91</b>	(0.29)
	Germany	0.08	(0.05)	-0.10	(0.06)	<b>0.74</b>	(0.25)
	Greece	<b>0.20</b>	(0.08)	<b>-0.38</b>	(0.14)	<b>0.62</b>	(0.24)
	Hungary	-0.02	(0.04)	<b>-0.31</b>	(0.11)	<b>0.63</b>	(0.22)
	Iceland	<b>-0.15</b>	(0.06)	<b>-0.15</b>	(0.06)	<b>0.63</b>	(0.24)
	Ireland	0.00	(0.04)	<b>-0.15</b>	(0.08)	<b>0.63</b>	(0.22)
	Italy	<b>0.07</b>	(0.03)	<b>-0.29</b>	(0.11)	<b>0.57</b>	(0.20)
	Japan	0.08	(0.04)	0.03	(0.04)	<b>0.52</b>	(0.20)
	Korea	0.06	(0.04)	-0.02	(0.04)	<b>0.61</b>	(0.23)
	Luxembourg	<b>0.11</b>	(0.05)	<b>-0.37</b>	(0.14)	<b>0.88</b>	(0.29)
	Mexico	<b>0.17</b>	(0.07)	<b>-0.36</b>	(0.13)	<b>0.54</b>	(0.19)
	Netherlands	-0.01	(0.04)	<b>-0.12</b>	(0.05)	<b>0.78</b>	(0.28)
	New Zealand	0.00	(0.04)	<b>-0.19</b>	(0.07)	<b>0.75</b>	(0.27)
	Norway	0.03	(0.03)	-0.05	(0.04)	<b>0.51</b>	(0.19)
	Poland	0.06	(0.04)	<b>-0.10</b>	(0.05)	<b>0.54</b>	(0.21)
	Portugal	-0.10	(0.05)	<b>-0.35</b>	(0.12)	<b>0.86</b>	(0.30)
	Slovak Republic	-0.04	(0.04)	<b>-0.20</b>	(0.08)	<b>0.59</b>	(0.23)
	Spain	-0.03	(0.04)	<b>-0.16</b>	(0.06)	<b>0.71</b>	(0.26)
	Sweden	0.04	(0.05)	<b>-0.14</b>	(0.06)	<b>0.65</b>	(0.24)
	Switzerland	<b>0.07</b>	(0.03)	<b>-0.21</b>	(0.08)	<b>0.74</b>	(0.23)
Turkey	<b>0.17</b>	(0.07)	<b>-0.40</b>	(0.15)	<b>0.57</b>	(0.21)	
United Kingdom	<b>0.09</b>	(0.04)	<b>-0.18</b>	(0.07)	<b>0.75</b>	(0.27)	
United States	<b>0.16</b>	(0.06)	<b>-0.23</b>	(0.10)	<b>0.73</b>	(0.26)	
OECD average	<b>0.05</b>	(0.01)	<b>-0.20</b>	(0.02)	<b>0.66</b>	(0.04)	
Partners	Argentina	<b>0.14</b>	(0.07)	<b>-0.43</b>	(0.15)	<b>0.79</b>	(0.29)
	Azerbaijan	0.06	(0.05)	-0.10	(0.06)	<b>0.35</b>	(0.13)
	Brazil	<b>0.12</b>	(0.06)	<b>-0.34</b>	(0.12)	<b>0.75</b>	(0.30)
	Bulgaria	0.06	(0.05)	<b>-0.26</b>	(0.11)	<b>0.72</b>	(0.23)
	Chile	0.09	(0.04)	<b>-0.44</b>	(0.16)	<b>0.88</b>	(0.33)
	Colombia	-0.02	(0.05)	<b>-0.45</b>	(0.16)	<b>0.64</b>	(0.21)
	Croatia	<b>-0.10</b>	(0.05)	<b>-0.26</b>	(0.09)	<b>0.61</b>	(0.23)
	Estonia	<b>-0.10</b>	(0.05)	<b>-0.11</b>	(0.06)	<b>0.43</b>	(0.16)
	Hong Kong-China	-0.02	(0.04)	0.01	(0.03)	<b>0.53</b>	(0.20)
	Indonesia	<b>0.18</b>	(0.07)	-0.05	(0.04)	<b>0.59</b>	(0.23)
	Israel	<b>0.17</b>	(0.07)	<b>-0.35</b>	(0.13)	<b>0.40</b>	(0.14)
	Jordan	<b>0.11</b>	(0.05)	<b>-0.34</b>	(0.13)	<b>0.46</b>	(0.17)
	Kyrgyzstan	0.09	(0.05)	0.03	(0.05)	<b>0.24</b>	(0.10)
	Latvia	-0.05	(0.04)	<b>-0.13</b>	(0.06)	<b>0.54</b>	(0.23)
	Liechtenstein	-0.12	(0.12)	-0.02	(0.13)	<b>0.44</b>	(0.20)
	Lithuania	<b>-0.12</b>	(0.06)	-0.09	(0.05)	<b>0.64</b>	(0.24)
	Macao-China	-0.02	(0.04)	0.02	(0.04)	<b>0.47</b>	(0.18)
	Montenegro	0.03	(0.04)	<b>-0.24</b>	(0.10)	<b>0.59</b>	(0.23)
	Qatar	m	m	m	m	m	m
	Romania	-0.10	(0.06)	<b>-0.19</b>	(0.08)	<b>0.54</b>	(0.21)
	Russian Federation	0.04	(0.04)	-0.07	(0.05)	<b>0.55</b>	(0.21)
	Serbia	-0.06	(0.04)	<b>-0.34</b>	(0.12)	<b>0.55</b>	(0.21)
	Slovenia	<b>-0.12</b>	(0.05)	-0.04	(0.04)	<b>0.62</b>	(0.24)
Chinese Taipei	<b>0.29</b>	(0.10)	<b>-0.17</b>	(0.06)	<b>0.64</b>	(0.24)	
Thailand	<b>0.15</b>	(0.06)	<b>-0.33</b>	(0.13)	<b>0.45</b>	(0.17)	
Tunisia	0.00	(0.03)	<b>-0.47</b>	(0.19)	<b>0.43</b>	(0.17)	
Uruguay	<b>-0.13</b>	(0.06)	<b>-0.21</b>	(0.08)	<b>0.64</b>	(0.23)	

1. See Appendix B, technical notes for the definition and formula of effect size.

Note: Values that are statistically significant are indicated in bold.

StatLink  <http://dx.doi.org/10.1787/562201383324>



[Part 1/1]


### Effect sizes for the difference between students with an immigrant background and native students for environmental science attitude indices

Table A3.10 Results based on students' self-reports

		Effect size in favour of native students:		Effect size in favour of students with an immigrant background:				
		from -0.2 to -0.5	from -0.5 to -0.8	from 0.2 to 0.5	from 0.5 to 0.8			
		equal or greater than -0.8		equal or greater than 0.8				
		Percentage of students with an immigrant background	Sense of responsibility for environmental issues		Optimism regarding environmental issues		Awareness of environmental issues	
			Effect size <sup>1</sup>	S.E.	Effect size <sup>1</sup>	S.E.	Effect size <sup>1</sup>	S.E.
OECD	Australia	21.9	-0.02	(0.02)	<b>0.14</b>	(0.05)	<b>0.13</b>	(0.06)
	Austria	13.2	-0.10	(0.06)	<b>0.29</b>	(0.11)	<b>-0.40</b>	(0.16)
	Belgium	13.3	0.01	(0.04)	<b>0.25</b>	(0.10)	<b>-0.43</b>	(0.17)
	Canada	21.1	-0.05	(0.03)	<b>0.11</b>	(0.05)	0.06	(0.04)
	Czech Republic	1.9	c	c	c	c	c	c
	Denmark	7.6	-0.09	(0.06)	<b>0.34</b>	(0.14)	<b>-0.17</b>	(0.09)
	Finland	1.5	c	c	c	c	c	c
	France	13.0	<b>-0.18</b>	(0.08)	<b>0.32</b>	(0.13)	<b>-0.19</b>	(0.09)
	Germany	14.2	-0.07	(0.05)	<b>0.19</b>	(0.09)	<b>-0.53</b>	(0.21)
	Greece	7.6	-0.01	(0.05)	<b>0.24</b>	(0.12)	<b>-0.25</b>	(0.12)
	Hungary	1.7	c	c	c	c	c	c
	Iceland	1.8	c	c	c	c	c	c
	Ireland	5.6	0.03	(0.06)	0.16	(0.08)	-0.08	(0.07)
	Italy	3.8	<b>-0.26</b>	(0.11)	<b>0.34</b>	(0.14)	<b>-0.47</b>	(0.20)
	Japan	0.4	c	c	c	c	c	c
	Korea	0.0	c	c	c	c	c	c
	Luxembourg	36.1	<b>-0.12</b>	(0.06)	<b>0.24</b>	(0.10)	<b>-0.34</b>	(0.14)
	Mexico	2.4	c	c	c	c	c	c
	Netherlands	11.3	-0.06	(0.05)	0.09	(0.07)	<b>-0.31</b>	(0.14)
	New Zealand	21.3	0.08	(0.05)	<b>0.20</b>	(0.08)	<b>0.11</b>	(0.05)
	Norway	6.1	-0.07	(0.07)	0.15	(0.08)	-0.08	(0.06)
	Poland	0.2	c	c	c	c	c	c
	Portugal	5.9	<b>-0.20</b>	(0.09)	<b>0.23</b>	(0.10)	<b>-0.29</b>	(0.12)
	Slovak Republic	0.5	c	c	c	c	c	c
	Spain	6.9	<b>-0.22</b>	(0.09)	<b>0.18</b>	(0.07)	<b>-0.24</b>	(0.12)
	Sweden	10.8	0.07	(0.05)	<b>0.20</b>	(0.08)	<b>-0.16</b>	(0.07)
	Switzerland	22.4	<b>-0.13</b>	(0.07)	<b>0.30</b>	(0.12)	<b>-0.37</b>	(0.16)
	Turkey	1.5	c	c	c	c	c	c
United Kingdom	8.6	0.06	(0.05)	0.10	(0.06)	<b>0.12</b>	(0.06)	
United States	15.2	0.06	(0.04)	0.10	(0.05)	<b>-0.23</b>	(0.10)	
OECD average	9.3	<b>-0.06</b>	(0.01)	<b>0.21</b>	(0.02)	<b>-0.21</b>	(0.03)	
Partners	Argentina	2.7	c	c	c	c	c	c
	Azerbaijan	2.4	c	c	c	c	c	c
	Brazil	2.4	c	c	c	c	c	c
	Bulgaria	0.2	c	c	c	c	c	c
	Chile	0.6	c	c	c	c	c	c
	Colombia	0.4	c	c	c	c	c	c
	Croatia	12.0	0.04	(0.03)	<b>0.18</b>	(0.08)	<b>-0.15</b>	(0.07)
	Estonia	11.6	<b>-0.15</b>	(0.07)	<b>0.52</b>	(0.21)	-0.05	(0.05)
	Hong Kong-China	43.8	-0.01	(0.03)	0.03	(0.04)	0.01	(0.03)
	Indonesia	0.2	c	c	c	c	c	c
	Israel	23.0	-0.08	(0.05)	0.05	(0.04)	-0.03	(0.04)
	Jordan	16.8	<b>0.09</b>	(0.04)	<b>-0.14</b>	(0.06)	0.08	(0.05)
	Kyrgyzstan	2.6	c	c	c	c	c	c
	Latvia	7.1	<b>-0.24</b>	(0.11)	<b>0.23</b>	(0.11)	0.02	(0.05)
	Liechtenstein	36.8	0.00	(0.09)	<b>0.33</b>	(0.15)	-0.16	(0.12)
	Lithuania	2.1	c	c	c	c	c	c
	Macao-China	73.6	0.07	(0.04)	-0.05	(0.03)	0.02	(0.03)
	Montenegro	7.2	0.01	(0.05)	<b>-0.29</b>	(0.12)	<b>0.32</b>	(0.14)
	Qatar	40.5	<b>0.15</b>	(0.05)	<b>-0.30</b>	(0.11)	<b>0.28</b>	(0.10)
	Romania	0.1	c	c	c	c	c	c
	Russian Federation	8.7	0.01	(0.05)	-0.07	(0.05)	-0.06	(0.05)
	Serbia	9.0	-0.09	(0.06)	-0.08	(0.06)	-0.05	(0.04)
	Slovenia	10.3	-0.10	(0.05)	0.05	(0.04)	<b>-0.38</b>	(0.15)
Chinese Taipei	0.6	c	c	c	c	c	c	
Thailand	0.3	c	c	c	c	c	c	
Tunisia	0.8	c	c	c	c	c	c	
Uruguay	0.4	c	c	c	c	c	c	

1. See Appendix B, technical notes for the definition and formula of effect size.

Note: Values that are statistically significant are indicated in bold.


StatLink  <http://dx.doi.org/10.1787/562201383324>

[Part 1/1]

Table A3.11 Correlation between performance, attitudes and socio-economic background indices

	1	2	3	4	5	6	7	8	9
1 Environmental science performance index									
2 Geoscience performance index	0.80 (0.00)								
3 Students' awareness of environmental issues	0.35 (0.00)	0.29 (0.00)							
4 Students' optimism regarding environmental issues	-0.19 (0.00)	-0.16 (0.00)	-0.15 (0.00)						
5 Students' level of responsibility for environmental issues	0.01 (0.00)	0.01 (0.00)	0.09 (0.00)	-0.07 (0.00)					
6 Students' support for actions for sustainable development	0.14 (0.00)	0.11 (0.00)	0.22 (0.00)	-0.07 (0.00)	0.31 (0.00)				
7 Index of school activities for learning of environmental topics	0.04 (0.00)	0.04 (0.00)	0.07 (0.00)	-0.02 (0.00)	0.04 (0.00)	0.04 (0.00)			
8 Parents' level of responsibility for environmental issues	-0.02 (0.00)	-0.02 (0.00)	0.05 (0.00)	-0.10 (0.01)	0.25 (0.00)	0.08 (0.00)	0.00 (0.01)		
9 Parents' optimism regarding environmental issues	-0.10 (0.01)	-0.08 (0.01)	-0.10 (0.00)	0.32 (0.01)	-0.05 (0.01)	-0.01 (0.00)	0.00 (0.01)	-0.18 (0.00)	
10 Student's PISA index of economic, social and cultural status	0.31 (0.00)	0.26 (0.00)	0.25 (0.00)	-0.10 (0.00)	-0.08 (0.00)	0.03 (0.00)	0.04 (0.01)	0.00 (0.00)	-0.15 (0.01)

Note: Table contains correlation coefficients with standard errors given in parentheses.

StatLink  <http://dx.doi.org/10.1787/562201383324>


[Part 1/1]

Table A3.12 Relationship between student and school background factors and the environmental science performance index

Linear regression background model

		Change in score	S.E.
Intercept		342.2	(11.9)
Student is female	1 = yes; 0 = no	-6.6	(0.5)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no	1.1	(0.9)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no	-8.6	(0.9)
Age of student	1 additional year	9.2	(0.8)
Student's PISA index of economic, social and cultural status	1 = OECD S.D	12.1	(0.3)
Student's PISA index of economic, social and cultural status squared		1.7	(0.1)
Student's either parent has a science-related career	1 = yes; 0 = no	9.5	(0.6)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no	2.1	(0.9)
School located in a city (with over 100 000 people)	1 = yes; 0 = no	3.9	(0.9)
School average index of economic, social and cultural status	1 = OECD S.D	36.0	(0.5)
School size	100 additional students	0.9	(0.1)
<b>Variance explained (R-squared)</b>		<b>15%</b>	
<b>N</b>		<b>391 954</b>	

Note: For brevity dummy variables for imputed missing data were omitted from the tables, but were present in all regressions.

StatLink  <http://dx.doi.org/10.1787/562201383324>






[Part 1/2]

**Table A3.13 Relationship between student and school demographic and socio-economic background factors and the environmental science performance index, by country**

	Student background variables													
	Student is a female		Student has no immigration background		Student's language at home is the same as language that the test was taken in		Student's age (1 additional year)		PISA index of economic, social and cultural status (1 unit increase)		PISA index of economic, social and cultural status (squared)		Student's either parent has a science-related career	
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
<b>OECD</b>														
Australia	-7.4	(2.1)	-1.1	(3.2)	-10.0	(4.6)	15.7	(3.8)	19.0	(1.4)	-1.7	(1.0)	7.3	(2.5)
Austria	-13.1	(3.9)	33.1	(6.9)	-11.6	(9.1)	19.5	(5.5)	4.5	(2.1)	-2.1	(1.5)	2.4	(4.0)
Belgium	-9.2	(2.7)	19.9	(4.6)	12.9	(3.7)	15.5	(3.6)	14.7	(1.4)	-1.6	(1.1)	6.9	(3.0)
Canada	-9.1	(1.9)	6.5	(3.8)	-12.4	(4.1)	18.6	(3.2)	12.8	(1.5)	-1.9	(0.9)	12.2	(2.3)
Czech Republic	-16.3	(4.0)	20.7	(11.5)	-19.0	(14.6)	14.3	(6.8)	14.2	(2.1)	-3.6	(2.0)	11.8	(4.3)
Denmark	-8.5	(2.9)	25.5	(7.6)	-18.1	(8.4)	12.7	(4.4)	22.5	(2.2)	-0.3	(1.1)	11.3	(3.9)
Finland	-3.6	(2.8)	54.5	(14.3)	-28.2	(13.2)	10.0	(4.9)	19.5	(2.0)	3.6	(1.8)	10.3	(3.1)
France	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Germany	-19.0	(2.3)	20.5	(5.4)	-24.2	(6.4)	22.7	(4.3)	7.6	(2.0)	-0.2	(1.2)	11.7	(3.7)
Greece	1.1	(3.2)	3.1	(8.3)	-14.9	(10.4)	13.6	(4.6)	9.5	(2.2)	-2.7	(1.5)	10.0	(3.3)
Hungary	-17.7	(2.9)	18.4	(11.0)	-3.5	(15.0)	5.9	(4.5)	2.6	(1.7)	-1.2	(1.3)	3.9	(3.5)
Iceland	2.8	(2.8)	15.1	(17.8)	-40.7	(13.6)	11.3	(5.5)	20.5	(2.8)	-0.9	(1.5)	15.9	(4.4)
Ireland	-12.4	(3.2)	4.0	(7.0)	-38.6	(11.0)	18.0	(4.9)	18.8	(2.0)	-1.8	(1.4)	9.0	(3.7)
Italy	-16.7	(2.4)	28.0	(4.9)	-1.7	(3.4)	2.8	(2.6)	4.1	(1.4)	-3.2	(1.0)	5.2	(2.5)
Japan	-10.9	(4.0)	-14.9	(27.2)	-80.3	(22.1)	5.9	(4.1)	6.0	(2.3)	-3.2	(2.5)	-7.3	(5.8)
Korea	-2.2	(3.7)	-55.8	(8.1)	-18.4	(42.6)	20.7	(4.4)	8.3	(2.0)	0.5	(1.6)	2.4	(5.4)
Luxembourg	-10.1	(3.0)	29.3	(3.4)	-14.1	(5.6)	15.1	(4.1)	11.6	(1.4)	-2.2	(0.7)	12.2	(3.9)
Mexico	-10.9	(2.2)	35.0	(5.6)	-20.3	(12.7)	6.4	(4.0)	8.4	(1.3)	2.4	(0.6)	2.4	(3.5)
Netherlands	-13.1	(2.8)	17.5	(4.7)	-5.2	(6.4)	14.8	(4.0)	6.0	(1.7)	1.6	(1.2)	9.6	(2.9)
New Zealand	-5.6	(3.2)	4.7	(4.0)	-27.7	(6.0)	21.7	(5.5)	26.6	(2.1)	3.3	(1.2)	9.3	(4.1)
Norway	-3.6	(2.7)	10.5	(8.2)	-26.8	(8.6)	3.3	(4.7)	19.6	(2.4)	-1.2	(1.6)	13.4	(3.0)
Poland	-4.2	(2.8)	28.0	(29.0)	-8.7	(19.9)	12.2	(5.0)	29.0	(1.5)	2.2	(1.1)	7.5	(3.8)
Portugal	-8.9	(2.7)	34.0	(6.8)	-0.3	(8.9)	2.8	(4.4)	13.5	(1.6)	1.2	(0.7)	7.7	(5.0)
Slovak Republic	-12.4	(3.4)	26.5	(16.6)	-9.4	(6.8)	6.9	(5.2)	13.6	(1.9)	-3.7	(1.7)	11.0	(3.8)
Spain	-8.5	(2.3)	28.4	(4.7)	-7.7	(4.0)	12.2	(3.7)	17.0	(1.5)	-2.2	(0.9)	3.5	(3.8)
Sweden	-6.2	(2.8)	15.1	(6.8)	-15.5	(8.0)	2.5	(4.7)	22.6	(2.7)	-0.1	(1.3)	9.8	(4.1)
Switzerland	-11.0	(2.2)	37.4	(4.3)	-20.0	(5.4)	10.0	(3.9)	11.6	(1.8)	2.2	(1.0)	7.0	(3.0)
Turkey	-5.2	(3.2)	12.2	(14.0)	15.2	(10.9)	2.7	(4.6)	13.6	(3.1)	4.5	(1.0)	14.6	(6.9)
United Kingdom	-12.4	(2.4)	1.8	(5.2)	-11.1	(7.7)	11.4	(4.2)	23.1	(2.1)	-0.5	(1.4)	13.9	(3.0)
United States	-5.8	(2.7)	6.7	(5.5)	-12.7	(5.1)	4.7	(5.7)	21.2	(1.7)	2.8	(1.2)	10.4	(3.8)
<b>OECD average</b>	<b>-9.0</b>	<b>(0.5)</b>	<b>16.0</b>	<b>(2.1)</b>	<b>-16.3</b>	<b>(2.4)</b>	<b>11.5</b>	<b>(0.9)</b>	<b>14.6</b>	<b>(0.4)</b>	<b>-0.3</b>	<b>(0.2)</b>	<b>8.5</b>	<b>(0.7)</b>
<b>Partners</b>														
Argentina	3.1	(3.7)	-21.0	(10.1)	-38.7	(14.1)	11.8	(6.8)	14.8	(2.6)	3.7	(1.2)	-13.6	(8.3)
Azerbaijan	5.1	(2.9)	-4.3	(10.0)	3.9	(4.7)	4.9	(3.6)	7.2	(1.8)	2.8	(1.3)	1.5	(3.5)
Brazil	-14.7	(2.3)	23.7	(6.8)	35.7	(15.0)	8.8	(5.0)	12.2	(2.9)	3.9	(1.0)	13.1	(6.2)
Bulgaria	-3.7	(3.8)	74.6	(19.3)	-12.3	(5.9)	15.2	(5.3)	6.5	(2.1)	3.7	(1.4)	16.5	(3.8)
Chile	-17.6	(3.0)	52.1	(16.2)	-9.2	(21.2)	11.1	(4.9)	7.9	(2.0)	1.1	(1.0)	7.8	(5.6)
Colombia	-13.3	(3.5)	14.3	(43.0)	-18.1	(13.7)	13.5	(3.7)	11.5	(2.1)	2.0	(0.8)	-1.4	(5.2)
Croatia	-15.1	(3.6)	7.0	(4.4)	-15.8	(10.3)	9.4	(3.9)	8.9	(1.5)	-0.7	(1.3)	11.5	(3.2)
Estonia	1.0	(2.7)	8.7	(4.2)	-7.0	(6.5)	9.9	(5.8)	17.0	(2.4)	3.8	(2.4)	5.7	(4.4)
Hong Kong-China	-19.9	(3.8)	-8.9	(3.3)	-34.0	(9.1)	14.6	(4.7)	5.6	(2.3)	-2.1	(1.1)	6.0	(6.2)
Indonesia	-12.1	(2.9)	37.0	(9.3)	8.8	(3.9)	3.3	(4.3)	9.7	(3.0)	2.7	(0.9)	7.6	(8.8)
Israel	-6.0	(4.4)	-0.6	(4.4)	-6.7	(5.9)	7.9	(5.2)	17.7	(2.2)	0.0	(1.7)	24.8	(4.8)
Jordan	19.2	(2.9)	-7.5	(3.5)	-13.3	(6.3)	10.3	(4.5)	19.0	(2.2)	2.5	(0.9)	13.6	(4.9)
Kyrgyzstan	-4.7	(2.8)	-17.1	(6.9)	-15.5	(4.0)	8.3	(3.5)	5.5	(2.1)	1.8	(1.0)	4.3	(3.8)
Latvia	0.9	(2.7)	-8.0	(4.8)	-21.6	(7.7)	14.3	(6.0)	14.1	(2.3)	-0.6	(1.6)	4.3	(3.4)
Liechtenstein	-5.9	(7.7)	9.4	(7.6)	-21.4	(12.4)	-5.8	(13.7)	4.8	(4.9)	-5.5	(3.6)	22.3	(10.7)
Lithuania	2.7	(3.3)	0.9	(10.1)	-14.8	(9.0)	8.2	(6.2)	21.3	(1.8)	-3.3	(1.5)	7.3	(4.2)
Macao-China	-7.3	(3.1)	-17.6	(3.2)	9.9	(17.8)	19.6	(4.8)	3.8	(3.4)	-2.1	(1.3)	1.8	(8.2)
Montenegro	-5.7	(2.8)	-7.1	(6.2)	-10.7	(3.5)	5.3	(5.5)	6.5	(1.9)	-2.2	(1.4)	12.7	(4.0)
Qatar	18.2	(2.0)	-38.2	(2.4)	-14.0	(2.9)	-4.6	(3.7)	1.0	(1.2)	1.6	(0.8)	24.7	(4.4)
Romania	-12.8	(3.7)	-134.2	(17.6)	-12.0	(7.5)	-5.6	(4.9)	8.0	(3.1)	0.2	(1.5)	11.8	(6.3)
Russian Federation	-10.2	(2.6)	10.2	(4.6)	-24.7	(7.4)	13.3	(4.4)	12.9	(1.9)	2.3	(2.1)	12.1	(4.2)
Serbia	-9.6	(2.6)	1.5	(3.8)	18.1	(9.7)	7.5	(4.6)	4.9	(1.5)	-1.8	(1.2)	8.3	(3.5)
Slovenia	-18.5	(2.9)	24.3	(5.9)	-14.0	(7.1)	-1.0	(4.9)	2.2	(1.9)	1.5	(1.5)	5.8	(3.3)
Chinese Taipei	-7.0	(2.9)	41.7	(15.2)	-8.1	(3.8)	12.0	(5.7)	13.1	(1.8)	0.8	(1.9)	1.2	(3.2)
Thailand	5.3	(2.8)	47.7	(19.5)	6.3	(3.0)	15.9	(3.9)	14.3	(2.4)	4.0	(0.9)	21.8	(7.4)
Tunisia	-2.6	(3.0)	41.3	(12.9)	-21.4	(5.9)	8.7	(4.3)	6.5	(2.3)	1.9	(0.8)	14.6	(5.4)
Uruguay	-7.9	(3.1)	16.8	(34.0)	7.1	(12.7)	16.1	(4.6)	7.5	(2.0)	0.1	(0.8)	7.9	(5.6)


Note: Values that are statistically significant are indicated in bold.

StatLink  <http://dx.doi.org/10.1787/562201383324>

[Part 2/2]

Relationship between student and school demographic and socio-economic background factors  
Table A3.13 and the environmental science performance index, by country

	School background variables									
	School in a small town or village (15 000 or less people)		School in city (100 000 or more people)		School average PISA index of economic, social and cultural status (1 unit increase)		School size (per 100 students)		Explained variance in student performance (r-squared)	N
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.		
<b>OECD</b>										
Australia	-0.6	(5.0)	-7.5	(3.1)	<b>44.5</b>	(4.4)	0.0	(0.4)	0.10	14 135
Austria	8.4	(8.1)	6.3	(7.2)	<b>75.4</b>	(5.8)	<b>1.8</b>	(0.9)	0.22	4 908
Belgium	4.7	(5.1)	<b>-7.6</b>	(5.5)	<b>77.1</b>	(4.8)	-0.2	(0.7)	0.23	8 678
Canada	6.2	(3.5)	1.9	(3.0)	<b>36.9</b>	(4.1)	0.4	(0.3)	0.08	22 591
Czech Republic	6.5	(7.3)	-7.2	(7.4)	<b>89.3</b>	(7.2)	0.5	(1.5)	0.16	5 808
Denmark	2.5	(4.6)	0.3	(7.4)	<b>25.9</b>	(5.9)	0.0	(1.2)	0.11	4 528
Finland	5.7	(3.7)	1.3	(3.9)	<b>12.9</b>	(5.9)	1.0	(1.1)	0.07	4 712
France	w	w	w	w	w	w	w	w	w	w
Germany	-3.0	(4.8)	<b>-2.7</b>	(5.7)	<b>79.5</b>	(5.2)	0.0	(0.6)	0.26	4 722
Greece	<b>16.4</b>	(7.3)	<b>3.8</b>	(6.2)	<b>48.7</b>	(4.6)	1.1	(2.2)	0.13	4 866
Hungary	5.1	(7.2)	-19.5	(4.6)	<b>74.1</b>	(4.6)	1.0	(0.9)	0.23	4 489
Iceland	0.7	(4.1)	-2.4	(4.1)	6.0	(5.4)	<b>-5.2</b>	(1.0)	0.07	3 777
Ireland	<b>14.3</b>	(4.9)	3.0	(4.9)	<b>39.1</b>	(5.3)	-0.5	(0.8)	0.10	4 580
Italy	-6.2	(5.5)	-3.3	(3.6)	<b>62.5</b>	(3.9)	<b>0.9</b>	(0.4)	0.17	21 742
Japan	10.0	(10.2)	-13.7	(6.1)	<b>88.1</b>	(7.8)	<b>1.3</b>	(0.7)	0.14	5 938
Korea	-3.6	(16.4)	-10.3	(7.9)	<b>74.6</b>	(7.4)	-0.6	(0.7)	0.13	5 173
Luxembourg	-0.3	(2.6)	-7.0	(3.6)	<b>52.7</b>	(2.8)	<b>0.7</b>	(0.2)	0.23	4 565
Mexico	1.9	(4.1)	-3.6	(3.1)	<b>19.9</b>	(2.0)	<b>1.0</b>	(0.1)	0.13	30 836
Netherlands	-0.2	(9.1)	-1.0	(5.2)	<b>79.6</b>	(5.1)	<b>1.8</b>	(0.7)	0.24	4 765
New Zealand	-0.4	(5.4)	-11.6	(4.1)	<b>37.9</b>	(4.7)	<b>0.6</b>	(0.3)	0.15	4 812
Norway	7.7	(4.7)	6.6	(6.5)	<b>32.0</b>	(7.3)	<b>-3.4</b>	(1.5)	0.08	4 683
Poland	7.3	(4.8)	0.6	(5.9)	<b>15.1</b>	(6.8)	-0.3	(0.9)	0.10	5 547
Portugal	<b>13.8</b>	(5.2)	<b>-9.5</b>	(6.9)	<b>25.3</b>	(3.4)	<b>2.4</b>	(0.4)	0.14	5 106
Slovak Republic	<b>11.9</b>	(5.7)	<b>-15.2</b>	(8.1)	<b>65.5</b>	(5.1)	0.8	(1.1)	0.17	4 688
Spain	<b>8.1</b>	(3.7)	4.0	(3.4)	<b>20.9</b>	(2.7)	-0.2	(0.4)	0.11	19 565
Sweden	<b>13.1</b>	(4.2)	12.3	(4.8)	<b>27.4</b>	(6.3)	1.1	(1.1)	0.10	4 432
Switzerland	4.3	(4.7)	-9.4	(8.5)	<b>61.8</b>	(5.2)	<b>0.9</b>	(0.3)	0.21	12 186
Turkey	-1.8	(9.4)	-11.1	(7.7)	<b>50.7</b>	(5.4)	-0.1	(0.5)	0.14	4 939
United Kingdom	4.8	(3.3)	5.1	(3.9)	<b>48.1</b>	(4.1)	-0.2	(0.4)	0.14	13 087
United States	7.4	(6.4)	-15.9	(6.1)	<b>36.8</b>	(6.0)	0.1	(0.3)	0.16	5 609
<b>OECD average</b>	<b>5.0</b>	(1.2)	<b>-3.9</b>	(1.1)	<b>48.6</b>	(1.0)	<b>0.2</b>	(0.2)	<b>0.15</b>	<b>8 464</b>
<b>Partners</b>										
Argentina	-0.6	(6.4)	-1.2	(5.7)	<b>36.0</b>	(3.6)	1.2	(0.7)	0.16	4 247
Azerbaijan	7.0	(6.3)	0.7	(6.6)	6.7	(5.4)	0.0	(0.4)	0.02	5 184
Brazil	4.6	(4.4)	-6.1	(3.7)	<b>34.0</b>	(2.7)	<b>0.4</b>	(0.2)	0.15	9 246
Bulgaria	3.2	(7.1)	<b>-12.7</b>	(6.6)	<b>56.3</b>	(5.5)	<b>2.7</b>	(1.3)	0.22	4 476
Chile	2.2	(5.9)	-3.4	(5.6)	<b>33.6</b>	(2.9)	0.5	(0.4)	0.17	5 200
Colombia	-10.6	(6.4)	<b>-19.7</b>	(6.7)	<b>22.8</b>	(2.9)	0.0	(0.2)	0.10	4 436
Croatia	7.3	(6.3)	-12.7	(5.3)	<b>69.0</b>	(5.3)	<b>2.8</b>	(0.6)	0.15	5 213
Estonia	<b>20.5</b>	(4.7)	-0.1	(5.2)	<b>34.8</b>	(9.9)	1.2	(1.0)	0.08	4 865
Hong Kong-China	0.0	(0.0)	0.0	(0.0)	<b>38.9</b>	(6.0)	<b>8.9</b>	(1.9)	0.12	4 574
Indonesia	-1.8	(8.4)	6.3	(10.3)	<b>31.3</b>	(4.1)	0.6	(0.6)	0.10	10 625
Israel	<b>17.8</b>	(7.7)	<b>9.8</b>	(6.7)	<b>26.8</b>	(7.4)	0.8	(0.6)	0.10	4 498
Jordan	-7.3	(5.4)	1.9	(6.3)	<b>16.0</b>	(4.4)	-0.4	(0.6)	0.12	6 494
Kyrgyzstan	-9.5	(5.4)	<b>7.9</b>	(6.7)	<b>30.3</b>	(5.0)	-0.1	(0.4)	0.07	5 781
Latvia	8.0	(6.7)	5.4	(5.6)	<b>29.6</b>	(8.1)	0.6	(1.0)	0.08	4 711
Liechtenstein	-2.1	(11.2)	0.0	(0.0)	<b>70.6</b>	(14.7)	<b>11.1</b>	(2.2)	0.41	339
Lithuania	2.8	(5.7)	-11.1	(5.1)	<b>44.7</b>	(7.4)	<b>-1.4</b>	(0.6)	0.12	4 740
Macao-China	-9.0	(5.3)	3.8	(4.4)	<b>28.4</b>	(4.0)	0.1	(0.1)	0.04	4 756
Montenegro	6.5	(3.7)	-14.7	(3.9)	<b>57.8</b>	(4.5)	<b>1.9</b>	(0.5)	0.11	4 452
Qatar	<b>16.3</b>	(2.4)	22.8	(3.0)	<b>31.6</b>	(2.6)	0.1	(0.8)	0.14	6 157
Romania	0.6	(7.6)	-4.1	(5.1)	<b>56.5</b>	(7.1)	-1.0	(0.8)	0.15	5 116
Russian Federation	0.8	(6.2)	0.5	(5.8)	<b>30.6</b>	(8.8)	0.2	(0.8)	0.07	5 790
Serbia	-0.9	(6.6)	-7.4	(5.0)	<b>60.8</b>	(4.2)	0.0	(0.6)	0.13	4 792
Slovenia	5.5	(6.0)	<b>-17.3</b>	(2.5)	<b>99.3</b>	(4.6)	<b>5.1</b>	(0.5)	0.31	6 378
Chinese Taipei	-19.4	(11.3)	-10.9	(6.6)	<b>85.6</b>	(6.9)	<b>-0.4</b>	(0.2)	0.18	8 813
Thailand	-1.9	(4.1)	3.4	(5.5)	<b>26.3</b>	(3.0)	0.2	(0.2)	0.12	6 185
Tunisia	-1.2	(6.2)	-11.6	(8.1)	<b>25.5</b>	(4.3)	1.1	(0.7)	0.09	4 620
Uruguay	<b>12.9</b>	(5.9)	<b>-4.2</b>	(4.4)	<b>36.2</b>	(3.4)	<b>2.0</b>	(0.8)	0.13	4 799

Note: Values that are statistically significant are indicated in bold.  
StatLink  <http://dx.doi.org/10.1787/562201383324>




[Part 1/1]

## Relationship between students' attitudes towards environmental issues and the environmental

Table A3.14 science performance index, by country

		Increase in the environmental science performance index associated with 1 S.D. increase of student attitude index											
		Students' sense of responsibility for environmental issues index (regression slope)				Students' optimism regarding environmental issues index (regression slope)				Students' awareness of complex environmental issues index (regression slope)			
		Before accounting for background variables		After accounting for background variables		Before accounting for background variables		After accounting for background variables		Before accounting for background variables		After accounting for background variables	
		Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
OECD	Australia	4.7	(0.9)	3.7	(0.9)	-8.9	(1.0)	-7.9	(0.8)	34.8	(0.9)	29.1	(0.9)
	Austria	2.7	(1.6)	2.4	(1.3)	-13.9	(2.4)	-6.9	(1.8)	39.6	(1.7)	27.7	(1.5)
	Belgium	4.8	(2.0)	3.8	(1.4)	-17.6	(1.5)	-10.3	(1.2)	43.4	(1.8)	28.5	(1.9)
	Canada	3.2	(1.1)	3.5	(1.0)	-5.9	(1.0)	-5.4	(1.0)	29.0	(1.0)	24.8	(1.1)
	Czech Republic	-7.5	(2.1)	-2.0	(2.0)	-11.3	(1.8)	-9.5	(1.5)	36.8	(2.3)	28.2	(2.0)
	Denmark	1.7	(2.0)	1.2	(1.8)	-7.4	(2.1)	-5.1	(1.9)	35.6	(1.8)	29.3	(1.9)
	Finland	-3.2	(1.6)	-2.8	(1.4)	-13.3	(1.6)	-12.1	(1.5)	34.5	(1.5)	30.6	(1.4)
	France	17.7	(1.7)	w	w	-28.6	(1.6)	w	w	41.3	(1.6)	w	w
	Germany	8.4	(1.9)	6.8	(1.4)	-7.2	(2.0)	-4.2	(1.8)	36.9	(1.3)	23.8	(1.5)
	Greece	16.8	(2.1)	12.6	(1.8)	-20.9	(1.4)	-14.8	(1.4)	30.6	(1.8)	23.1	(1.5)
	Hungary	0.6	(1.9)	0.5	(1.4)	-15.8	(1.9)	-9.0	(1.6)	32.4	(1.7)	19.4	(1.7)
	Iceland	-7.3	(1.4)	-6.7	(1.3)	-13.9	(1.5)	-11.7	(1.4)	31.7	(1.4)	29.9	(1.4)
	Ireland	1.5	(1.5)	2.1	(1.3)	-13.3	(1.6)	-11.9	(1.3)	32.4	(1.5)	25.4	(1.4)
	Italy	2.7	(1.3)	1.2	(1.2)	-24.7	(1.2)	-16.6	(1.1)	34.8	(1.2)	23.9	(1.1)
	Japan	7.1	(1.4)	5.1	(1.3)	-4.1	(1.4)	-3.0	(1.2)	42.9	(2.0)	32.5	(1.8)
	Korea	-0.1	(1.9)	-1.1	(1.5)	-5.3	(1.4)	-4.9	(1.2)	38.4	(1.8)	29.2	(2.0)
	Luxembourg	6.2	(1.4)	4.9	(1.2)	-16.8	(1.1)	-8.6	(1.1)	32.0	(1.1)	20.5	(1.1)
	Mexico	14.9	(1.5)	10.8	(1.3)	-17.8	(1.0)	-12.4	(0.8)	20.1	(1.3)	13.7	(1.1)
	Netherlands	-0.3	(1.6)	1.9	(1.3)	-8.0	(1.7)	-5.7	(1.5)	44.5	(1.8)	28.5	(1.6)
	New Zealand	0.4	(1.7)	2.0	(1.4)	-14.6	(1.2)	-11.1	(1.1)	40.9	(1.4)	33.4	(1.5)
	Norway	1.7	(1.3)	1.2	(1.2)	-8.3	(1.4)	-7.8	(1.3)	30.5	(1.8)	27.0	(1.8)
	Poland	9.1	(1.3)	8.2	(1.3)	-12.8	(1.4)	-12.1	(1.4)	34.0	(1.5)	28.6	(1.4)
	Portugal	2.7	(1.8)	4.1	(1.6)	-18.9	(1.2)	-14.4	(1.0)	36.5	(1.6)	28.1	(1.6)
	Slovak Republic	-1.8	(2.1)	-0.7	(1.9)	-15.5	(1.9)	-11.4	(1.7)	34.0	(1.6)	24.2	(1.3)
	Spain	4.5	(1.3)	5.2	(1.3)	-16.2	(0.9)	-14.0	(0.8)	34.8	(1.5)	27.8	(1.4)
	Sweden	2.6	(1.5)	3.2	(1.5)	-9.9	(1.6)	-9.1	(1.7)	30.7	(1.4)	26.7	(1.3)
	Switzerland	8.8	(1.6)	6.2	(1.4)	-16.2	(1.5)	-9.1	(1.5)	37.7	(1.1)	26.7	(1.1)
	Turkey	12.6	(2.2)	8.1	(2.0)	-16.1	(1.5)	-10.7	(1.1)	25.6	(2.2)	18.0	(1.8)
United Kingdom	9.2	(1.5)	8.2	(1.2)	-11.6	(1.3)	-9.6	(1.2)	38.2	(1.1)	31.1	(1.2)	
United States	6.8	(1.1)	6.3	(0.9)	-14.5	(1.8)	-11.3	(1.3)	31.5	(1.4)	23.5	(1.4)	
OECD average	4.4	(0.3)	3.4	(0.3)	-13.6	(0.3)	-9.7	(0.3)	34.9	(0.3)	26.3	(0.3)	
Partners	Argentina	14.8	(2.1)	10.4	(1.7)	-23.6	(1.5)	-17.9	(1.5)	28.5	(1.7)	19.0	(1.4)
	Azerbaijan	7.0	(1.4)	6.6	(1.5)	-0.7	(1.0)	-0.5	(1.0)	9.5	(1.7)	8.4	(1.7)
	Brazil	15.0	(1.4)	11.9	(1.3)	-18.5	(0.9)	-13.7	(1.0)	29.2	(1.7)	20.3	(1.4)
	Bulgaria	6.6	(2.3)	3.9	(1.7)	-15.3	(1.9)	-9.7	(1.3)	35.0	(2.0)	21.1	(1.7)
	Chile	7.7	(1.8)	7.0	(1.3)	-23.9	(1.5)	-17.8	(1.4)	32.1	(1.5)	21.3	(1.2)
	Colombia	14.8	(1.4)	10.4	(1.3)	-7.7	(1.5)	-4.4	(1.1)	40.2	(2.1)	27.2	(1.5)
	Croatia	10.6	(2.2)	9.1	(2.0)	-16.9	(1.6)	-12.7	(1.6)	21.6	(1.8)	15.4	(2.0)
	Estonia	-1.6	(1.5)	1.5	(1.3)	-18.7	(1.3)	-14.9	(1.2)	36.8	(1.7)	28.9	(1.7)
	Hong Kong-China	-0.1	(1.9)	0.6	(1.6)	-20.4	(1.8)	-16.7	(1.7)	30.7	(2.2)	26.8	(2.1)
	Indonesia	-5.2	(1.7)	-3.8	(1.5)	-7.8	(1.5)	-5.9	(1.4)	42.5	(1.7)	33.7	(1.5)
	Israel	9.1	(1.1)	6.4	(1.0)	-9.2	(1.3)	-7.4	(1.2)	16.1	(2.1)	9.0	(1.7)
	Jordan	14.6	(1.9)	12.6	(1.6)	-18.0	(1.8)	-13.8	(1.7)	18.3	(1.2)	14.5	(1.2)
	Kyrgyzstan	16.5	(1.6)	12.7	(1.5)	-23.0	(1.3)	-19.2	(1.1)	28.4	(1.5)	22.8	(1.4)
	Latvia	6.6	(1.1)	6.0	(1.1)	-2.4	(1.2)	-2.2	(1.1)	8.7	(1.3)	7.8	(1.2)
	Liechtenstein	-3.5	(2.0)	-1.8	(1.9)	-11.8	(2.0)	-10.5	(2.1)	35.8	(1.9)	31.3	(1.9)
	Lithuania	-1.9	(4.3)	-2.4	(4.1)	-7.3	(5.3)	-1.5	(4.3)	26.9	(6.5)	15.1	(4.6)
	Macao-China	-2.8	(2.0)	-1.1	(1.9)	-13.2	(1.4)	-11.7	(1.4)	37.0	(1.8)	29.7	(1.7)
	Montenegro	5.8	(1.5)	6.1	(1.5)	-10.6	(1.5)	-10.3	(1.6)	32.0	(1.4)	28.8	(1.5)
	Qatar	5.1	(1.4)	4.9	(1.5)	-18.3	(1.3)	-14.5	(1.2)	28.2	(1.5)	23.8	(1.3)
	Romania	3.8	(1.0)	2.3	(1.0)	-12.6	(1.1)	-8.1	(1.0)	13.8	(0.9)	9.6	(0.9)
	Russian Federation	10.6	(2.5)	10.0	(2.7)	-15.2	(1.5)	-12.4	(1.5)	25.2	(2.0)	17.5	(2.1)
	Serbia	7.0	(2.1)	7.4	(1.7)	-7.9	(1.4)	-6.8	(1.4)	29.2	(1.5)	25.1	(1.4)
	Slovenia	4.5	(1.3)	5.6	(1.3)	-19.2	(1.2)	-14.6	(1.1)	30.5	(1.4)	23.6	(1.4)
	Chinese Taipei	0.0	(1.8)	2.1	(1.4)	-5.6	(2.0)	-1.8	(1.7)	40.2	(1.7)	23.1	(1.4)
	Thailand	14.6	(1.1)	10.9	(1.2)	-16.8	(1.3)	-12.5	(1.3)	24.1	(1.5)	17.3	(1.5)
	Tunisia	11.1	(1.7)	8.3	(1.7)	-22.5	(1.7)	-16.6	(1.5)	16.6	(2.7)	12.7	(2.3)
	Uruguay	0.9	(1.8)	3.5	(1.6)	-21.9	(1.4)	-18.1	(1.2)	29.6	(1.5)	22.1	(1.4)


Note: Values that are statistically significant are indicated in bold.

StatLink  <http://dx.doi.org/10.1787/562201383324>

[Part 1/1]

Table A4.1 Placement of environmental topics in the school curriculum

	Without environmental curriculum		Specific course		Part of:					
					Natural science		Geography		Other course	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>										
Australia	1.2	(0.5)	22.1	(2.7)	94.9	(1.3)	86.4	(2.0)	55.5	(3.2)
Austria	0.9	(0.9)	46.2	(3.6)	81.9	(2.7)	61.2	(3.7)	72.4	(3.6)
Belgium	3.1	(1.2)	9.2	(2.1)	89.8	(1.8)	82.4	(2.4)	65.9	(3.1)
Canada	0.8	(0.3)	28.5	(2.1)	97.6	(0.6)	72.4	(2.0)	61.8	(2.7)
Czech Republic	0.0	(0.0)	34.6	(3.7)	92.8	(1.6)	73.3	(3.9)	81.2	(3.5)
Denmark	2.1	(1.1)	6.2	(2.1)	96.6	(1.4)	73.5	(3.6)	80.8	(3.0)
Finland	0.6	(0.6)	8.7	(1.9)	98.4	(1.0)	92.3	(2.0)	66.1	(3.7)
France	w	w	w	w	w	w	w	w	w	w
Germany	0.6	(0.6)	10.0	(2.1)	98.0	(0.9)	87.8	(2.1)	69.8	(3.1)
Greece	15.4	(2.8)	33.5	(3.9)	75.2	(3.1)	15.7	(2.5)	40.7	(4.1)
Hungary	0.0	(0.0)	13.2	(2.8)	96.1	(1.9)	83.8	(3.4)	68.0	(4.3)
Iceland	0.8	(0.0)	39.6	(0.3)	99.0	(0.1)	48.1	(0.3)	84.8	(0.2)
Ireland	0.6	(0.6)	25.1	(3.7)	98.7	(0.9)	100.0	(0.0)	93.6	(1.8)
Italy	1.0	(0.3)	15.4	(1.9)	95.6	(0.9)	45.7	(2.8)	26.8	(2.5)
Japan	13.2	(2.4)	12.1	(2.9)	80.2	(2.9)	43.4	(3.9)	56.4	(3.7)
Korea	4.5	(1.4)	30.7	(4.1)	92.7	(1.9)	74.7	(3.2)	75.6	(3.2)
Luxembourg	0.0	(0.0)	12.2	(0.1)	96.7	(0.0)	79.3	(0.0)	58.9	(0.1)
Mexico	5.1	(1.4)	46.8	(3.2)	91.5	(1.4)	59.8	(2.5)	58.5	(2.8)
Netherlands	0.2	(0.2)	9.2	(2.6)	97.1	(1.2)	93.9	(1.9)	68.6	(3.4)
New Zealand	2.7	(1.0)	12.5	(2.4)	92.8	(1.9)	92.8	(1.8)	31.7	(3.7)
Norway	1.0	(0.8)	3.0	(1.4)	99.0	(0.8)	84.1	(2.7)	53.7	(4.0)
Poland	0.0	(0.0)	5.4	(1.9)	100.0	(0.0)	96.9	(1.4)	55.6	(4.1)
Portugal	0.0	(0.0)	6.4	(2.3)	99.6	(0.4)	95.4	(1.9)	81.8	(3.0)
Slovak Republic	0.0	(0.0)	36.5	(3.5)	95.1	(2.3)	76.9	(3.5)	96.1	(1.3)
Spain	1.2	(0.3)	26.9	(2.5)	98.5	(0.5)	73.2	(2.7)	68.2	(3.2)
Sweden	0.5	(0.5)	11.9	(2.6)	98.7	(0.8)	76.3	(3.4)	63.7	(3.6)
Switzerland	2.0	(0.7)	8.6	(1.8)	94.2	(1.1)	84.8	(2.2)	59.9	(2.8)
Turkey	9.0	(2.3)	28.3	(4.1)	75.5	(3.7)	78.0	(3.6)	44.6	(4.4)
United Kingdom	0.0	(0.0)	8.1	(1.8)	100.0	(0.0)	98.7	(0.9)	56.7	(3.4)
United States	2.0	(1.2)	54.5	(4.0)	98.6	(0.9)	35.4	(4.2)	42.9	(4.0)
<b>OECD average</b>	<b>2.4</b>	<b>(0.2)</b>	<b>20.9</b>	<b>(0.6)</b>	<b>94.0</b>	<b>(0.3)</b>	<b>74.7</b>	<b>(0.5)</b>	<b>63.5</b>	<b>(0.6)</b>
<b>Partners</b>										
Argentina	1.2	(0.6)	22.5	(3.3)	96.4	(1.3)	82.2	(3.3)	61.4	(3.6)
Azerbaijan	10.5	(2.5)	33.9	(4.0)	87.0	(2.4)	83.8	(3.0)	49.0	(4.3)
Brazil	3.1	(1.0)	25.3	(2.2)	95.0	(1.4)	87.7	(1.6)	52.1	(2.8)
Bulgaria	1.4	(0.8)	27.8	(4.2)	94.4	(2.0)	84.5	(3.5)	58.4	(4.5)
Chile	1.6	(1.2)	18.4	(3.5)	97.8	(1.4)	63.8	(5.0)	45.8	(4.7)
Colombia	0.9	(0.6)	25.1	(3.1)	97.4	(1.2)	67.4	(3.1)	71.3	(3.4)
Croatia	2.2	(1.6)	27.5	(4.6)	97.3	(1.7)	41.3	(5.1)	82.7	(3.4)
Estonia	1.9	(1.0)	36.2	(3.3)	89.1	(2.3)	88.9	(2.1)	74.3	(3.7)
Hong Kong-China	0.0	(0.0)	8.4	(2.2)	99.3	(0.9)	90.3	(2.4)	64.5	(3.4)
Indonesia	0.0	(0.0)	9.3	(2.2)	98.7	(0.9)	94.1	(1.9)	66.9	(4.2)
Israel	1.7	(0.9)	32.1	(3.7)	91.3	(1.8)	84.3	(2.4)	81.8	(3.1)
Jordan	5.3	(2.1)	29.9	(3.7)	88.5	(2.6)	57.8	(4.1)	44.8	(4.8)
Kyrgyzstan	0.2	(0.0)	41.8	(4.0)	91.8	(2.4)	82.9	(3.1)	66.6	(4.7)
Latvia	10.9	(2.4)	27.8	(3.9)	88.9	(2.2)	80.6	(3.1)	38.8	(3.9)
Liechtenstein	1.7	(0.9)	8.8	(2.1)	97.8	(1.1)	91.0	(2.2)	77.6	(3.4)
Lithuania	0.0	(0.0)	7.3	(0.6)	100.0	(0.0)	100.0	(0.0)	71.2	(0.7)
Macao-China	4.9	(1.7)	3.3	(1.4)	92.0	(2.0)	51.9	(3.9)	27.5	(3.3)
Montenegro	0.0	(0.0)	7.0	(0.0)	98.2	(0.0)	85.9	(0.0)	79.0	(0.1)
Qatar	2.1	(0.0)	54.8	(0.2)	95.9	(0.0)	71.2	(0.2)	34.3	(0.1)
Romania	4.4	(0.0)	26.6	(0.1)	96.5	(0.0)	87.8	(0.1)	60.0	(0.1)
Russian Federation	4.2	(1.6)	35.4	(5.0)	87.4	(2.7)	82.5	(3.1)	53.1	(4.6)
Serbia	0.0	(0.0)	44.9	(4.0)	93.1	(2.2)	76.4	(3.2)	62.2	(3.8)
Slovenia	0.6	(0.6)	39.8	(3.4)	95.6	(1.7)	59.6	(4.2)	45.5	(4.6)
Chinese Taipei	0.6	(0.0)	7.9	(0.3)	98.5	(0.0)	83.3	(0.2)	57.9	(0.5)
Thailand	0.7	(0.7)	54.4	(4.0)	95.1	(1.4)	81.4	(2.9)	86.2	(2.6)
Tunisia	1.4	(1.0)	26.0	(4.2)	95.0	(1.9)	83.0	(3.6)	62.1	(4.5)
Uruguay	5.4	(1.2)	13.8	(2.5)	94.2	(1.3)	58.6	(2.9)	49.7	(3.5)

StatLink  <http://dx.doi.org/10.1787/562235784260>




[Part 1/1]

## Relationship between curriculum placement of environmental issues and environmental science

Table A4.2 performance, by country

	Curriculum placement of environmental issues															
	In a specific environmental studies course				In the natural sciences courses				As part of a geography course				As part of another course			
	Before accounting for background variables		After accounting for background variables		Before accounting for background variables		After accounting for background variables		Before accounting for background variables		After accounting for background variables		Before accounting for background variables		After accounting for background variables	
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
<b>OECD</b>																
Australia	-3.6 (4.2)		-5.0 (3.4)		10.6 (8.1)		15.1 (7.5)		24.1 (4.9)		10.4 (4.3)		3.3 (4.2)		6.8 (2.8)	
Austria	<b>-15.3</b> (7.8)		-0.4 (5.4)		<b>35.5</b> (7.1)		<b>20.3</b> (4.4)		<b>35.7</b> (7.5)		<b>14.9</b> (5.8)		<b>-21.7</b> (7.4)		<b>-3.8</b> (5.8)	
Belgium	<b>-22.4</b> (10.1)		-2.5 (6.9)		<b>26.0</b> (9.7)		2.0 (7.8)		13.7 (10.4)		-0.4 (6.4)		-7.6 (7.4)		-2.6 (4.0)	
Canada	-0.3 (4.6)		2.2 (3.5)		<b>22.0</b> (7.0)		14.0 (8.2)		<b>-6.8</b> (2.9)		<b>-4.9</b> (2.4)		-0.1 (3.5)		-1.5 (2.9)	
Czech Republic	<b>-25.5</b> (6.9)		-7.5 (6.6)		-1.3 (11.4)		-6.5 (8.2)		11.5 (8.6)		5.8 (6.9)		-6.2 (9.3)		-1.4 (6.6)	
Denmark	2.7 (9.8)		5.1 (6.3)		4.0 (7.7)		14.5 (20.7)		-2.5 (5.1)		-3.9 (4.4)		-1.8 (4.9)		-3.4 (3.9)	
Finland	-0.8 (6.2)		-0.7 (5.2)		1.2 (9.7)		0.9 (8.4)		4.8 (5.2)		2.3 (4.3)		-3.7 (3.5)		-2.0 (2.9)	
France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Germany	10.6 (11.0)		0.1 (5.7)		1.6 (16.5)		-3.0 (24.1)		<b>18.3</b> (9.3)		4.0 (6.1)		-14.4 (7.6)		2.1 (4.3)	
Greece	1.1 (6.8)		3.5 (5.4)		8.6 (7.4)		2.3 (5.1)		-26.4 (13.9)		-16.4 (8.6)		-2.0 (7.4)		-3.7 (5.0)	
Hungary	-16.8 (13.4)		4.6 (7.2)		12.0 (19.1)		8.9 (13.4)		15.8 (9.5)		<b>12.4</b> (5.9)		3.1 (8.3)		<b>11.0</b> (4.8)	
Iceland	<b>-11.7</b> (3.4)		-6.7 (3.6)		-9.2 (5.6)		-7.0 (8.1)		-5.2 (3.1)		-2.6 (3.0)		-5.0 (3.0)		-4.8 (3.3)	
Ireland	-4.7 (5.9)		-0.3 (3.7)		-12.6 (9.8)		-3.0 (5.3)		0.5 (9.4)		-10.5 (6.1)		<b>-15.0</b> (6.7)		-4.2 (3.9)	
Italy	<b>-13.3</b> (6.5)		-5.8 (5.4)		-4.6 (10.8)		-6.4 (5.5)		<b>10.5</b> (5.3)		1.6 (3.9)		<b>-17.2</b> (5.5)		-5.1 (4.2)	
Japan	-9.6 (15.8)		3.9 (10.4)		4.1 (10.4)		4.5 (7.4)		2.1 (7.7)		3.5 (5.6)		9.1 (8.2)		11.0 (6.2)	
Korea	7.2 (8.5)		4.6 (5.3)		<b>42.2</b> (12.6)		11.6 (10.0)		<b>25.3</b> (7.6)		2.5 (5.8)		<b>18.1</b> (7.1)		2.1 (5.3)	
Luxembourg	<b>-11.1</b> (3.2)		-2.8 (3.7)		<b>-59.9</b> (6.5)		<b>-17.6</b> (6.7)		<b>26.4</b> (3.3)		0.2 (3.8)		<b>13.6</b> (2.5)		-1.9 (2.9)	
Mexico	5.9 (5.1)		-3.6 (2.4)		<b>19.1</b> (6.3)		<b>10.7</b> (4.0)		<b>-9.4</b> (4.1)		-6.4 (3.3)		<b>14.6</b> (4.2)		4.5 (3.4)	
Netherlands	-14.8 (14.0)		1.0 (10.6)		<b>52.6</b> (17.4)		21.8 (15.6)		23.5 (22.1)		7.2 (13.1)		<b>-41.0</b> (7.9)		<b>-13.5</b> (6.0)	
New Zealand	<b>13.8</b> (6.5)		<b>7.4</b> (3.6)		<b>21.3</b> (9.6)		5.6 (7.2)		<b>20.4</b> (5.9)		7.6 (4.7)		1.8 (5.6)		2.7 (3.1)	
Norway	2.3 (21.5)		0.9 (14.9)		-2.5 (12.3)		13.2 (7.9)		2.4 (5.8)		2.0 (5.2)		-3.3 (4.2)		-2.6 (3.1)	
Poland	1.6 (7.0)		-1.3 (5.5)		5.4 (5.4)		-19.0 (18.0)		-6.8 (8.0)		-2.1 (7.1)		-4.2 (4.4)		-1.4 (3.9)	
Portugal	-2.6 (11.4)		1.6 (8.6)		<b>63.6</b> (2.5)		<b>28.4</b> (3.9)		0.5 (11.9)		-12.9 (8.8)		-4.6 (8.2)		-6.1 (6.0)	
Slovak Republic	-7.2 (7.9)		1.4 (5.6)		-0.8 (21.6)		-5.6 (12.4)		17.1 (8.9)		3.1 (6.9)		<b>-33.6</b> (12.7)		<b>-24.4</b> (6.1)	
Spain	-7.8 (4.4)		-5.5 (3.6)		-2.7 (12.9)		-5.5 (8.1)		0.2 (3.3)		-1.2 (2.7)		1.0 (3.6)		1.9 (2.7)	
Sweden	2.3 (4.2)		-0.5 (4.3)		-6.9 (7.5)		-11.0 (8.5)		1.0 (4.6)		-1.1 (3.8)		1.8 (4.5)		-2.0 (3.4)	
Switzerland	1.1 (8.8)		3.8 (4.1)		7.6 (10.2)		12.6 (7.3)		4.3 (7.1)		5.5 (4.8)		-8.7 (5.5)		-2.9 (3.5)	
Turkey	3.7 (9.2)		1.4 (6.6)		15.5 (8.8)		7.1 (7.0)		8.7 (8.7)		1.0 (5.8)		-8.3 (8.7)		-3.3 (6.1)	
United Kingdom	-10.1 (6.9)		-5.2 (6.0)		<b>21.5</b> (7.8)		10.1 (6.1)		<b>21.4</b> (6.3)		<b>17.4</b> (8.0)		6.3 (5.3)		1.3 (3.4)	
United States	6.7 (7.3)		-2.4 (4.7)		29.8 (25.3)		<b>26.7</b> (7.8)		-10.6 (7.9)		-6.8 (5.7)		-2.3 (8.0)		-0.3 (4.2)	
<b>OECD average</b>	<b>-4.1</b> (1.7)		<b>-0.3</b> (1.2)		<b>10.5</b> (2.2)		<b>5.0</b> (1.9)		<b>7.6</b> (1.6)		<b>1.1</b> (1.1)		<b>-4.4</b> (1.2)		<b>-1.6</b> (0.8)	
<b>Partners</b>																
Argentina	7.5 (8.2)		3.2 (3.5)		<b>28.6</b> (10.8)		1.4 (9.1)		<b>23.8</b> (9.5)		9.1 (5.9)		-5.0 (8.6)		-6.8 (4.9)	
Azerbaijan	2.3 (5.4)		-1.4 (5.0)		3.3 (6.1)		2.3 (6.2)		-0.4 (5.7)		-2.5 (5.6)		2.0 (5.5)		2.1 (5.1)	
Brazil	-4.7 (5.8)		-3.2 (4.4)		<b>27.9</b> (9.9)		<b>16.9</b> (6.9)		<b>15.6</b> (5.6)		7.4 (4.5)		-2.5 (5.3)		-4.3 (3.4)	
Bulgaria	22.6 (12.7)		5.5 (6.4)		<b>26.5</b> (10.9)		-15.5 (8.3)		10.3 (12.4)		-2.9 (7.3)		-0.3 (10.6)		1.4 (5.9)	
Chile	12.7 (8.6)		5.6 (4.2)		<b>37.5</b> (14.2)		<b>22.2</b> (8.5)		<b>15.7</b> (6.2)		4.1 (4.0)		<b>15.5</b> (7.3)		<b>8.8</b> (3.8)	
Colombia	-9.9 (6.9)		-4.5 (5.3)		0.4 (12.5)		-8.7 (6.4)		-8.5 (6.2)		<b>-8.1</b> (3.7)		0.4 (5.0)		-3.6 (3.7)	
Croatia	<b>-14.0</b> (5.4)		0.0 (4.9)		<b>27.7</b> (10.3)		<b>15.1</b> (6.5)		<b>35.8</b> (6.5)		<b>16.4</b> (5.9)		2.6 (6.7)		0.3 (4.3)	
Estonia	4.2 (6.7)		9.1 (6.3)		8.0 (20.2)		2.5 (18.3)		-1.1 (8.5)		-10.6 (5.4)		-1.7 (6.0)		-2.8 (4.6)	
Hong Kong-China	4.1 (12.6)		4.2 (10.6)		<b>-45.4</b> (5.7)		<b>-39.6</b> (7.4)		<b>71.0</b> (11.6)		<b>38.4</b> (8.3)		-5.6 (8.9)		-7.8 (6.2)	
Indonesia	-6.7 (7.6)		2.0 (4.8)		-3.4 (12.0)		0.3 (8.6)		5.8 (7.3)		2.2 (6.3)		<b>-17.1</b> (8.6)		-2.3 (5.6)	
Israel	-0.7 (8.4)		4.2 (7.2)		2.3 (7.4)		-0.4 (8.2)		<b>14.4</b> (6.4)		6.9 (6.0)		10.0 (7.5)		10.5 (6.5)	
Jordan	1.3 (6.2)		-1.9 (4.8)		-1.5 (8.2)		-5.2 (5.9)		2.3 (5.8)		5.6 (4.1)		-8.1 (7.0)		-3.9 (4.2)	
Kyrgyzstan	-4.4 (4.6)		-5.2 (3.5)		1.2 (4.9)		-2.0 (4.1)		3.6 (4.3)		-1.8 (2.9)		5.9 (4.6)		0.4 (3.2)	
Latvia	10.4 (5.9)		-3.2 (4.4)		-1.9 (10.0)		-14.1 (10.4)		-0.9 (7.0)		-2.9 (9.2)		-3.5 (5.5)		-1.3 (4.7)	
Liechtenstein	<b>-82.8</b> (14.8)		-19.5 (16.5)		0.0 (0.0)		0.0 (0.0)		<b>62.3</b> (23.6)		21.5 (25.0)		<b>77.2</b> (9.7)		16.1 (13.2)	
Lithuania	-5.3 (19.4)		-10.3 (11.1)		5.3 (10.9)		3.0 (9.4)		-9.0 (5.8)		-4.2 (4.3)		1.7 (7.6)		4.9 (4.6)	
Macao-China	<b>26.4</b> (5.0)		<b>23.2</b> (5.4)		<b>-15.4</b> (7.0)		<b>-25.1</b> (7.4)		<b>9.0</b> (3.7)		-0.6 (3.8)		<b>-6.9</b> (2.8)		5.8 (3.0)	
Montenegro	<b>-38.2</b> (2.7)		<b>-19.9</b> (3.0)		<b>18.6</b> (4.2)		-3.9 (4.5)		<b>14.6</b> (2.7)		<b>11.4</b> (2.8)		-4.7 (3.2)		-1.5 (3.2)	
Qatar	<b>10.8</b> (2.6)		-2.9 (2.5)		<b>16.8</b> (2.8)		3.6 (3.4)		<b>6.8</b> (2.4)		<b>-9.0</b> (2.8)		-2.7 (2.1)		<b>-7.2</b> (2.5)	
Romania	-9.0 (7.4)		-7.4 (5.8)		<b>20.3</b> (8.4)		9.0 (8.7)		15.7 (10.7)		3.6 (8.1)		-7.7 (9.4)		-10.0 (6.0)	
Russian Federation	<b>15.3</b> (5.1)		<b>11.6</b> (4.0)		-5.5 (10.3)		-2.9 (8.8)		-5.1 (5.7)		-6.7 (5.2)		6.0 (4.9)		2.8 (3.9)	
Serbia	<b>-22.6</b> (5.7)		-1.7 (4.9)		-2.1 (13.6)		-2.8 (8.7)		<b>15.0</b> (6.1)		0.3 (4.8)		-2.5 (7.5)		-4.3 (4.3)	
Slovenia	-8.9 (5.7)		-2.4 (5.3)		<b>12.6</b> (6.2)		1.0 (6.7)		<b>43.8</b> (3.2)		<b>12.9</b> (3.4)		<b>-34.1</b> (3.1)		<b>-6.2</b> (2.7)	
Chinese Taipei	-7.2 (9.7)		-6.8 (5.3)		9.4 (21.3)		-12.2 (7.2)		<b>27.8</b> (8.6)		4.5 (5.3)		<b>24.5</b> (10.5)		4.4 (6.2)	
Thailand	<b>15.6</b> (5.7)		<b>7.8</b> (3.3)		18.6 (11.3)		7.3 (7.8)		8.5 (6.2)		4.1 (4.2)		-9.1 (8.3)		-0.7 (6.0)	
Tunisia	3.3 (8.9)		4.9 (6.9)		13.1 (11.8)		8.8 (8.6)		<b>15.9</b> (7.2)		<b>14.4</b> (6.5)		12.0 (6.9)		<b>11.3</b> (5.6)	
Uruguay	13.7 (7.9)		-0.8 (5.3)		8.2 (11.0)		11.1 (7.3)		<b>-17.0</b> (5.8)		<b>-9.5</b> (4.5)		-2.0 (6.1)		-2.2 (4.2)	

Note: Values that are statistically significant are indicated in bold.

StatLink  <http://dx.doi.org/10.1787/562235784260>






[Part 2/2]

**Table A4.4 Relationship between school activities for learning of environmental topics and environmental science performance, by country**

	School activities for learning of environmental topics												
	Trips to science and/or technology centres				Extracurricular environmental projects (including research)				Lectures and/or seminars (e.g. guest speakers)				
	Before accounting for background variables		After accounting for background variables		Before accounting for background variables		After accounting for background variables		Before accounting for background variables		After accounting for background variables		
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	
<b>OECD</b>	Australia	-4.2	(5.7)	-1.8	(3.6)	4.6	(4.7)	3.8	(3.2)	6.0	(4.0)	3.6	(3.2)
	Austria	<b>21.7</b>	(8.8)	<b>14.5</b>	(5.7)	<b>37.8</b>	(8.8)	<b>16.9</b>	(7.0)	<b>21.6</b>	(8.3)	<b>10.7</b>	(4.7)
	Belgium	<b>-16.2</b>	(7.8)	-5.0	(5.4)	4.7	(7.0)	5.2	(4.2)	1.8	(8.4)	-2.8	(5.0)
	Canada	<b>11.9</b>	(4.2)	5.6	(3.5)	<b>6.8</b>	(3.0)	3.7	(2.8)	<b>11.3</b>	(3.3)	<b>6.8</b>	(3.1)
	Czech Republic	-1.9	(10.3)	-6.0	(6.4)	<b>22.1</b>	(7.1)	8.7	(5.1)	-1.4	(8.1)	-1.8	(7.0)
	Denmark	-0.4	(5.3)	-2.4	(3.5)	5.8	(6.8)	4.2	(5.2)	<b>13.2</b>	(4.7)	<b>10.4</b>	(4.5)
	Finland	<b>7.0</b>	(3.3)	3.6	(3.2)	-4.0	(3.9)	-3.1	(3.7)	-0.1	(3.4)	1.7	(3.2)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	13.3	(8.9)	4.3	(4.8)	<b>19.4</b>	(7.4)	3.5	(3.9)	<b>21.3</b>	(7.3)	8.1	(4.9)
	Greece	8.0	(6.3)	2.8	(5.2)	-3.2	(6.7)	-3.3	(5.9)	4.2	(6.7)	-1.0	(4.7)
	Hungary	<b>23.5</b>	(8.3)	8.3	(4.7)	<b>24.5</b>	(7.2)	2.3	(5.4)	<b>27.3</b>	(8.7)	<b>15.5</b>	(4.7)
	Iceland	0.9	(3.2)	-0.2	(3.1)	-0.8	(4.6)	0.0	(4.5)	-3.8	(2.9)	-4.8	(2.8)
	Ireland	-4.6	(5.4)	-4.5	(3.8)	-9.8	(5.3)	-3.6	(4.1)	-7.2	(5.9)	1.6	(4.1)
	Italy	3.6	(7.6)	-3.2	(3.8)	-5.4	(7.0)	-6.4	(4.8)	5.8	(6.1)	-3.2	(4.2)
	Japan	13.6	(9.4)	<b>14.8</b>	(6.3)	<b>37.5</b>	(9.9)	<b>25.3</b>	(5.6)	<b>35.7</b>	(7.6)	<b>18.1</b>	(6.8)
	Korea	7.5	(7.0)	1.1	(4.6)	<b>21.5</b>	(8.4)	9.6	(5.0)	12.9	(7.5)	4.1	(4.8)
	Luxembourg	<b>-33.5</b>	(3.3)	-7.3	(4.0)	<b>18.2</b>	(2.6)	<b>-7.9</b>	(3.5)	3.5	(2.4)	<b>-10.1</b>	(2.5)
	Mexico	<b>20.8</b>	(4.3)	5.4	(3.0)	<b>21.1</b>	(4.1)	<b>9.5</b>	(2.8)	<b>22.1</b>	(4.7)	3.6	(3.7)
	Netherlands	15.0	(8.1)	-3.6	(5.5)	-5.1	(8.3)	-7.1	(5.6)	5.5	(10.4)	-5.1	(6.1)
	New Zealand	0.9	(5.0)	-4.7	(3.7)	<b>11.0</b>	(4.8)	3.0	(2.7)	-2.2	(4.1)	-5.3	(3.3)
	Norway	-1.2	(4.8)	-3.7	(4.0)	-7.6	(5.2)	-3.6	(4.1)	1.1	(6.3)	3.0	(4.3)
	Poland	<b>13.3</b>	(4.7)	2.0	(3.9)	<b>10.9</b>	(4.7)	<b>8.6</b>	(3.7)	4.6	(4.6)	4.3	(3.7)
	Portugal	7.4	(14.8)	7.8	(8.6)	-11.6	(6.8)	-2.2	(4.7)	<b>22.4</b>	(7.4)	6.2	(5.4)
	Slovak Republic	18.7	(9.7)	8.3	(5.8)	13.6	(7.9)	4.5	(5.1)	13.9	(10.0)	6.5	(5.6)
	Spain	-2.7	(7.2)	-2.9	(5.4)	3.5	(3.8)	3.2	(2.3)	5.8	(4.6)	4.4	(3.0)
	Sweden	1.0	(4.5)	-3.8	(3.2)	-3.9	(4.6)	-2.1	(3.5)	3.5	(4.2)	-0.9	(3.4)
	Switzerland	9.2	(5.7)	0.7	(4.1)	4.4	(6.7)	3.8	(3.9)	<b>24.7</b>	(8.4)	1.3	(5.6)
	Turkey	<b>24.6</b>	(7.8)	0.4	(6.4)	<b>22.8</b>	(8.6)	0.4	(6.9)	<b>23.2</b>	(8.6)	4.4	(6.1)
	United Kingdom	0.6	(5.3)	-4.9	(3.2)	2.5	(4.5)	0.8	(2.7)	5.2	(4.5)	-0.2	(3.1)
	United States	-5.4	(6.7)	-5.9	(4.5)	-4.0	(8.2)	-0.7	(5.1)	6.2	(6.5)	-3.6	(4.4)
	<b>OECD average</b>	<b>5.2</b>	(1.3)	<b>0.7</b>	(0.9)	<b>8.2</b>	(1.2)	<b>2.7</b>	(0.8)	<b>9.9</b>	(1.2)	<b>2.6</b>	(0.8)
<b>Partners</b>	Argentina	<b>32.2</b>	(6.5)	<b>10.0</b>	(4.7)	2.2	(8.8)	0.3	(5.3)	-0.2	(9.1)	-10.2	(6.1)
	Azerbaijan	7.1	(4.7)	3.5	(4.8)	7.9	(6.1)	3.6	(6.1)	8.4	(4.4)	8.2	(4.8)
	Brazil	<b>25.6</b>	(4.7)	3.0	(3.4)	12.3	(6.6)	1.1	(4.8)	10.6	(6.5)	3.9	(5.1)
	Bulgaria	<b>47.2</b>	(9.8)	6.0	(6.8)	<b>44.7</b>	(8.9)	9.9	(5.5)	<b>25.8</b>	(10.1)	9.4	(6.0)
	Chile	<b>31.7</b>	(6.4)	<b>10.6</b>	(4.9)	<b>27.9</b>	(7.1)	6.8	(4.4)	<b>19.1</b>	(6.4)	8.1	(4.7)
	Colombia	12.8	(6.8)	1.9	(3.7)	<b>12.4</b>	(5.4)	-0.9	(4.0)	<b>14.2</b>	(6.5)	1.5	(5.0)
	Croatia	15.2	(7.8)	1.8	(5.1)	<b>17.1</b>	(6.1)	0.9	(4.7)	<b>23.2</b>	(6.6)	7.3	(5.5)
	Estonia	11.2	(6.2)	-5.9	(5.6)	<b>19.4</b>	(7.1)	<b>11.2</b>	(4.9)	2.8	(4.5)	0.7	(4.6)
	Hong Kong-China	<b>-21.9</b>	(9.2)	-7.1	(7.2)	2.9	(8.5)	-1.0	(6.5)	13.4	(10.0)	-3.1	(6.4)
	Indonesia	<b>24.8</b>	(6.6)	<b>15.5</b>	(3.9)	<b>31.8</b>	(6.1)	<b>16.7</b>	(4.0)	<b>18.9</b>	(7.7)	6.0	(4.9)
	Israel	2.0	(6.9)	3.4	(7.6)	-6.2	(8.2)	-5.9	(7.0)	4.7	(8.0)	-4.3	(7.0)
	Jordan	<b>15.1</b>	(7.2)	2.1	(6.3)	<b>12.0</b>	(6.0)	8.3	(4.4)	12.0	(9.3)	-0.2	(5.0)
	Kyrgyzstan	<b>19.9</b>	(5.5)	4.3	(3.2)	<b>11.1</b>	(5.0)	-1.6	(3.7)	4.0	(4.9)	-0.8	(3.3)
	Latvia	8.6	(5.0)	-4.3	(4.6)	10.6	(6.3)	0.7	(5.4)	4.7	(6.6)	-4.9	(4.7)
	Liechtenstein	<b>44.1</b>	(9.6)	-9.5	(11.9)	<b>-47.4</b>	(9.7)	-26.4	(17.3)	<b>-43.3</b>	(5.6)	-16.8	(11.3)
	Lithuania	10.5	(6.0)	0.0	(4.0)	<b>25.8</b>	(4.9)	8.3	(6.5)	9.6	(5.8)	0.8	(4.9)
	Macao-China	<b>11.8</b>	(2.6)	<b>16.8</b>	(2.4)	<b>14.9</b>	(3.2)	<b>24.6</b>	(3.0)	<b>11.0</b>	(3.7)	<b>16.5</b>	(3.9)
	Montenegro	<b>-9.9</b>	(2.7)	<b>-8.8</b>	(2.8)	<b>9.7</b>	(3.0)	0.9	(3.3)	-5.4	(3.1)	-2.9	(3.0)
	Qatar	-2.1	(2.2)	<b>-10.6</b>	(2.6)	<b>4.1</b>	(1.8)	-0.6	(2.2)	-1.7	(2.5)	<b>-12.6</b>	(3.2)
	Romania	9.1	(8.3)	-3.6	(7.0)	<b>16.5</b>	(8.1)	5.4	(5.2)	<b>18.7</b>	(9.3)	-0.1	(6.0)
	Russian Federation	<b>20.0</b>	(4.8)	7.2	(4.9)	<b>19.2</b>	(4.7)	9.1	(5.3)	2.3	(6.1)	-4.2	(4.9)
	Serbia	6.6	(6.4)	2.3	(4.2)	<b>31.8</b>	(6.0)	<b>10.4</b>	(4.6)	13.2	(7.1)	0.6	(4.4)
	Slovenia	<b>22.4</b>	(3.3)	-2.8	(4.1)	<b>27.1</b>	(3.1)	0.3	(3.0)	<b>21.7</b>	(3.2)	-1.7	(2.7)
	Chinese Taipei	8.6	(8.8)	6.9	(5.1)	6.9	(7.6)	-1.3	(4.9)	13.3	(10.1)	14.7	(7.8)
	Thailand	<b>17.5</b>	(4.8)	3.4	(4.3)	<b>19.2</b>	(5.3)	3.8	(4.9)	<b>18.7</b>	(6.1)	<b>10.3</b>	(4.4)
	Tunisia	<b>18.5</b>	(6.5)	3.6	(5.1)	<b>16.6</b>	(6.6)	<b>11.3</b>	(4.4)	<b>15.4</b>	(7.6)	7.7	(6.1)
	Uruguay	<b>12.8</b>	(6.0)	4.5	(4.3)	9.7	(6.9)	2.1	(5.1)	4.3	(6.1)	3.6	(4.6)

Note: Values that are statistically significant are indicated in bold.

StatLink  <http://dx.doi.org/10.1787/562235784260>





[Part 1/6]

Table A4.5 Main sources for students to learn about environmental issues


		Air pollution									
		Sources where they mainly learnt about the environmental issue:									
		School		TV, Radio, Newspaper or Magazines		Friends		Family		Internet or Books	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	84.0	(0.4)	42.2	(0.6)	5.1	(0.3)	18.8	(0.5)	25.2	(0.5)
	Austria	80.6	(0.7)	47.6	(0.9)	4.0	(0.3)	26.4	(0.6)	16.5	(0.5)
	Belgium	68.7	(0.7)	59.1	(0.7)	5.3	(0.2)	20.8	(0.6)	18.4	(0.4)
	Canada	77.9	(0.5)	55.2	(0.6)	9.9	(0.3)	28.0	(0.5)	27.7	(0.6)
	Czech Republic	71.1	(0.9)	64.2	(0.9)	4.4	(0.4)	13.8	(0.6)	32.1	(0.7)
	Denmark	86.1	(0.8)	45.9	(0.9)	3.5	(0.3)	17.3	(0.7)	23.8	(0.7)
	Finland	82.7	(0.7)	60.8	(0.8)	6.2	(0.4)	18.8	(0.6)	21.3	(0.7)
	France	62.9	(0.9)	64.9	(1.1)	8.6	(0.4)	28.9	(0.8)	20.2	(0.7)
	Germany	69.3	(0.7)	58.7	(1.1)	5.8	(0.4)	28.6	(0.8)	24.2	(0.7)
	Greece	65.2	(0.9)	52.1	(1.0)	6.0	(0.4)	21.6	(0.8)	27.0	(0.8)
	Hungary	70.1	(0.9)	72.6	(0.9)	8.2	(0.5)	22.8	(0.8)	29.6	(0.8)
	Iceland	71.3	(0.7)	58.5	(0.8)	5.4	(0.3)	19.8	(0.6)	16.0	(0.6)
	Ireland	85.5	(0.6)	37.6	(1.0)	2.8	(0.3)	15.6	(0.5)	13.7	(0.5)
	Italy	69.3	(0.6)	53.7	(0.7)	2.5	(0.2)	14.8	(0.5)	17.6	(0.4)
	Japan	80.1	(0.6)	43.7	(0.8)	1.2	(0.2)	4.7	(0.3)	12.6	(0.4)
	Korea	59.8	(0.8)	56.0	(1.1)	2.5	(0.2)	5.8	(0.3)	29.6	(0.9)
	Luxembourg	66.5	(0.7)	58.1	(0.8)	8.4	(0.4)	29.7	(0.7)	23.5	(0.7)
	Mexico	80.1	(0.9)	34.5	(0.8)	3.8	(0.2)	12.3	(0.5)	23.0	(0.7)
	Netherlands	64.1	(0.8)	45.2	(1.0)	2.9	(0.3)	13.7	(0.6)	13.8	(0.6)
	New Zealand	81.2	(0.6)	43.4	(0.8)	5.4	(0.3)	21.0	(0.8)	21.4	(0.6)
	Norway	83.5	(0.7)	44.2	(0.8)	6.6	(0.3)	20.4	(0.6)	24.0	(0.7)
	Poland	84.1	(0.6)	43.7	(0.9)	4.7	(0.3)	18.1	(0.5)	25.7	(0.7)
	Portugal	86.8	(0.6)	57.9	(1.0)	10.2	(0.5)	19.4	(0.7)	41.1	(1.0)
	Slovak Republic	83.3	(0.7)	60.1	(1.0)	10.6	(0.6)	16.6	(0.8)	33.3	(1.0)
	Spain	86.6	(0.4)	52.9	(0.8)	5.7	(0.3)	19.3	(0.6)	24.2	(0.7)
	Sweden	80.2	(0.7)	40.6	(0.9)	3.4	(0.3)	16.9	(0.6)	13.2	(0.6)
	Switzerland	62.7	(1.0)	59.2	(0.9)	7.7	(0.3)	32.9	(0.7)	17.4	(0.6)
	Turkey	58.9	(0.9)	53.9	(1.2)	12.3	(0.7)	23.2	(0.8)	21.7	(1.1)
United Kingdom	88.8	(0.4)	34.4	(0.7)	4.0	(0.3)	15.0	(0.5)	18.7	(0.6)	
United States	80.2	(0.8)	46.1	(1.1)	8.6	(0.4)	22.9	(0.8)	28.3	(0.8)	
<b>OECD average</b>	<b>75.7</b>	<b>(0.1)</b>	<b>51.6</b>	<b>(0.2)</b>	<b>5.9</b>	<b>(0.1)</b>	<b>19.6</b>	<b>(0.1)</b>	<b>22.8</b>	<b>(0.1)</b>	
Partners	Argentina	75.7	(1.3)	34.5	(1.2)	4.3	(0.4)	12.1	(0.9)	30.3	(1.3)
	Azerbaijan	56.9	(1.3)	26.3	(1.0)	1.4	(0.2)	3.2	(0.3)	5.3	(0.5)
	Brazil	78.7	(0.6)	52.7	(0.9)	11.5	(0.4)	14.7	(0.5)	26.4	(0.8)
	Bulgaria	56.5	(1.1)	49.7	(1.3)	14.2	(1.8)	24.3	(1.6)	24.7	(1.8)
	Chile	70.7	(0.8)	40.4	(1.2)	4.5	(0.3)	15.4	(0.8)	23.1	(0.8)
	Colombia	42.0	(1.1)	12.4	(0.7)	2.1	(0.3)	3.0	(0.4)	14.4	(0.7)
	Croatia	79.8	(0.6)	59.3	(0.9)	6.7	(0.4)	24.8	(0.7)	24.9	(0.7)
	Estonia	79.4	(0.6)	62.7	(0.8)	9.5	(0.5)	20.6	(0.7)	29.3	(0.7)
	Hong Kong-China	86.1	(0.6)	68.6	(0.9)	8.0	(0.5)	17.7	(0.8)	35.7	(0.9)
	Indonesia	70.5	(1.0)	40.4	(1.8)	10.6	(1.3)	10.1	(1.0)	16.5	(1.4)
	Israel	54.9	(1.1)	37.7	(0.9)	5.3	(0.4)	12.2	(0.5)	19.8	(0.7)
	Jordan	74.8	(0.9)	25.7	(1.0)	5.1	(0.5)	11.3	(0.7)	11.3	(0.8)
	Kyrgyzstan	62.7	(0.9)	27.5	(0.9)	4.3	(0.3)	6.1	(0.7)	6.8	(0.5)
	Latvia	77.0	(0.7)	67.8	(1.1)	11.9	(0.5)	28.3	(0.8)	34.1	(1.1)
	Liechtenstein	73.2	(2.4)	50.9	(2.7)	5.0	(1.2)	32.1	(2.3)	15.8	(1.9)
	Lithuania	80.8	(0.7)	55.2	(0.9)	6.7	(0.4)	17.0	(0.6)	24.2	(0.7)
	Macao-China	79.8	(0.7)	68.5	(0.7)	9.6	(0.5)	16.8	(0.7)	32.3	(0.7)
	Montenegro	75.8	(0.8)	38.0	(0.8)	8.6	(0.4)	22.2	(0.7)	18.9	(0.7)
	Qatar	61.7	(0.6)	21.3	(0.5)	4.7	(0.2)	10.3	(0.4)	13.4	(0.4)
	Romania	76.6	(1.0)	35.7	(1.5)	5.4	(0.5)	16.3	(0.8)	17.9	(0.8)
	Russian Federation	74.1	(0.7)	57.9	(1.0)	12.5	(0.6)	23.2	(0.8)	23.2	(0.7)
	Serbia	80.3	(0.6)	38.7	(1.1)	6.8	(0.4)	19.2	(0.8)	14.1	(0.6)
	Slovenia	73.6	(0.6)	55.7	(0.6)	6.3	(0.4)	20.1	(0.6)	25.5	(0.6)
	Chinese Taipei	61.7	(0.7)	49.5	(0.7)	4.6	(0.3)	11.7	(0.4)	16.9	(0.4)
	Thailand	65.9	(0.7)	54.6	(0.9)	12.7	(0.6)	18.6	(0.7)	28.9	(0.7)
	Tunisia	65.9	(0.9)	31.7	(1.0)	6.0	(0.5)	8.8	(0.4)	15.8	(0.8)
	Uruguay	78.2	(0.7)	44.9	(0.8)	5.8	(0.3)	15.8	(0.5)	37.5	(0.9)

StatLink  <http://dx.doi.org/10.1787/562235784260>

[Part 2/6]

Table A4.5 Main sources for students to learn about environmental issues

		Energy shortages									
		Sources where they mainly learnt about the environmental issue:									
		School		TV, Radio, Newspaper or Magazines		Friends		Family		Internet or Books	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	69.1	(0.6)	36.8	(0.5)	2.8	(0.2)	17.8	(0.4)	16.1	(0.4)
	Austria	59.3	(0.9)	40.0	(0.9)	2.1	(0.2)	15.6	(0.6)	9.8	(0.4)
	Belgium	46.0	(0.6)	43.4	(0.8)	1.8	(0.2)	11.5	(0.4)	9.9	(0.4)
	Canada	58.2	(0.7)	43.2	(0.6)	4.2	(0.2)	21.2	(0.6)	15.9	(0.4)
	Czech Republic	54.3	(1.2)	56.5	(1.0)	3.3	(0.3)	11.7	(0.5)	26.8	(0.7)
	Denmark	75.3	(0.9)	31.4	(0.8)	1.9	(0.2)	12.5	(0.5)	16.0	(0.6)
	Finland	59.7	(1.1)	48.6	(0.7)	1.7	(0.2)	9.6	(0.5)	10.8	(0.5)
	France	31.7	(0.7)	42.6	(0.9)	2.3	(0.2)	12.2	(0.6)	10.5	(0.5)
	Germany	50.2	(1.1)	50.2	(1.1)	3.6	(0.3)	23.1	(0.7)	16.0	(0.6)
	Greece	45.7	(0.9)	44.7	(0.9)	3.8	(0.3)	9.6	(0.4)	22.9	(0.9)
	Hungary	58.6	(0.9)	65.9	(0.9)	3.6	(0.3)	11.7	(0.5)	23.5	(0.7)
	Iceland	60.4	(0.8)	37.5	(0.8)	2.2	(0.2)	8.6	(0.4)	9.4	(0.5)
	Ireland	74.6	(0.7)	34.1	(0.8)	1.9	(0.2)	13.7	(0.6)	9.8	(0.4)
	Italy	47.1	(0.6)	51.6	(0.6)	2.3	(0.2)	14.1	(0.4)	11.9	(0.4)
	Japan	71.1	(0.8)	35.2	(0.9)	0.6	(0.1)	3.3	(0.2)	6.9	(0.3)
	Korea	59.0	(0.9)	48.9	(1.0)	1.4	(0.2)	4.0	(0.3)	23.6	(0.7)
	Luxembourg	40.6	(0.7)	43.8	(0.6)	3.7	(0.3)	17.1	(0.5)	13.9	(0.5)
	Mexico	51.9	(0.7)	24.6	(0.6)	1.8	(0.2)	4.4	(0.3)	15.7	(0.5)
	Netherlands	49.2	(1.0)	43.6	(0.8)	1.8	(0.2)	11.9	(0.6)	9.4	(0.5)
	New Zealand	59.5	(0.8)	49.1	(0.7)	3.9	(0.3)	23.9	(0.8)	12.4	(0.5)
	Norway	78.0	(0.7)	31.3	(0.8)	4.3	(0.3)	16.0	(0.5)	15.3	(0.6)
	Poland	75.8	(0.6)	38.1	(0.7)	2.0	(0.2)	7.7	(0.4)	20.9	(0.6)
	Portugal	72.7	(0.8)	45.3	(1.0)	4.2	(0.3)	12.2	(0.6)	29.4	(0.9)
	Slovak Republic	62.2	(1.0)	59.7	(1.0)	5.6	(0.4)	11.3	(0.5)	23.3	(0.8)
	Spain	75.1	(0.6)	48.7	(0.7)	2.9	(0.2)	15.0	(0.6)	17.8	(0.5)
	Sweden	67.7	(0.8)	27.1	(0.8)	2.9	(0.4)	15.3	(0.6)	8.9	(0.5)
	Switzerland	42.4	(0.8)	40.9	(0.7)	2.8	(0.2)	16.6	(0.5)	9.3	(0.3)
	Turkey	47.5	(0.9)	55.6	(1.2)	6.7	(0.5)	12.9	(0.6)	19.7	(0.9)
United Kingdom	79.6	(0.6)	36.4	(0.7)	2.9	(0.2)	15.0	(0.5)	14.7	(0.5)	
United States	63.7	(0.9)	40.8	(1.1)	5.0	(0.3)	20.9	(0.7)	20.0	(0.6)	
<b>OECD average</b>	<b>59.6</b>	<b>(0.2)</b>	<b>43.2</b>	<b>(0.2)</b>	<b>3.0</b>	<b>(0.1)</b>	<b>13.3</b>	<b>(0.1)</b>	<b>15.7</b>	<b>(0.1)</b>	
Partners	Argentina	52.9	(1.4)	33.6	(1.1)	2.1	(0.3)	7.3	(0.6)	20.3	(1.0)
	Azerbaijan	45.6	(1.0)	30.6	(1.0)	2.3	(0.2)	4.5	(0.4)	5.5	(0.4)
	Brazil	48.6	(0.9)	45.7	(0.9)	4.3	(0.3)	8.9	(0.4)	17.7	(0.7)
	Bulgaria	48.3	(1.1)	46.3	(1.2)	11.7	(1.9)	17.7	(1.8)	19.8	(1.8)
	Chile	55.5	(1.0)	40.3	(1.2)	2.0	(0.2)	9.9	(0.5)	18.7	(0.7)
	Colombia	58.3	(1.2)	29.5	(1.1)	2.9	(0.3)	9.1	(0.6)	18.1	(0.7)
	Croatia	67.4	(0.7)	51.7	(0.7)	3.1	(0.3)	12.6	(0.5)	17.4	(0.6)
	Estonia	53.9	(0.9)	52.7	(0.9)	6.2	(0.4)	15.3	(0.5)	18.9	(0.7)
	Hong Kong-China	84.1	(0.8)	56.7	(0.8)	2.9	(0.2)	10.1	(0.5)	26.9	(0.8)
	Indonesia	67.8	(1.0)	33.1	(1.9)	6.8	(0.6)	9.5	(0.6)	15.3	(1.2)
	Israel	53.7	(1.0)	24.3	(0.7)	3.6	(0.3)	7.1	(0.4)	12.9	(0.6)
	Jordan	67.3	(0.9)	26.5	(0.9)	3.3	(0.3)	5.7	(0.4)	12.1	(0.7)
	Kyrgyzstan	47.8	(0.9)	33.6	(0.8)	2.7	(0.2)	4.1	(0.3)	6.5	(0.5)
	Latvia	38.6	(1.0)	61.1	(1.0)	5.9	(0.3)	23.9	(0.7)	17.7	(0.7)
	Liechtenstein	50.5	(2.8)	37.1	(2.4)	3.9	(1.1)	19.7	(2.2)	9.2	(1.6)
	Lithuania	64.9	(0.9)	41.1	(0.8)	3.2	(0.3)	9.8	(0.5)	13.3	(0.6)
	Macao-China	72.1	(0.9)	63.4	(0.7)	4.5	(0.3)	10.9	(0.5)	25.0	(0.7)
	Montenegro	54.4	(0.9)	35.7	(0.8)	5.8	(0.4)	13.4	(0.6)	16.5	(0.6)
	Qatar	55.6	(0.6)	18.2	(0.5)	3.2	(0.2)	5.7	(0.3)	10.3	(0.4)
	Romania	52.9	(1.3)	30.4	(1.7)	3.1	(0.4)	5.8	(0.4)	11.0	(0.7)
	Russian Federation	25.6	(0.8)	62.1	(0.9)	12.0	(0.5)	30.4	(0.7)	11.2	(0.6)
	Serbia	59.7	(0.7)	38.8	(0.9)	4.2	(0.3)	10.9	(0.4)	10.2	(0.4)
	Slovenia	61.6	(0.7)	49.0	(0.8)	3.4	(0.2)	11.9	(0.5)	19.8	(0.6)
	Chinese Taipei	56.0	(0.6)	50.3	(0.6)	2.3	(0.2)	8.1	(0.3)	15.0	(0.4)
	Thailand	61.4	(0.9)	51.0	(0.9)	6.6	(0.4)	9.7	(0.5)	29.1	(0.9)
	Tunisia	39.5	(0.9)	48.0	(1.0)	4.1	(0.3)	8.2	(0.6)	14.7	(0.7)
	Uruguay	32.6	(0.8)	59.8	(0.8)	5.1	(0.4)	19.0	(0.7)	21.2	(0.7)

StatLink  <http://dx.doi.org/10.1787/562235784260>



[Part 3/6]

Table A4.5 Main sources for students to learn about environmental issues


		Extinction of plants and animals									
		Sources where they mainly learnt about the environmental issue:									
		School		TV, Radio, Newspaper or Magazines		Friends		Family		Internet or Books	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	84.2	(0.4)	38.0	(0.6)	5.0	(0.2)	16.1	(0.4)	30.0	(0.5)
	Austria	76.5	(0.8)	46.8	(0.9)	5.3	(0.4)	17.4	(0.6)	20.8	(0.6)
	Belgium	58.6	(0.8)	56.3	(0.7)	4.6	(0.3)	12.9	(0.5)	24.5	(0.5)
	Canada	76.8	(0.5)	47.1	(0.6)	7.2	(0.3)	16.8	(0.4)	31.9	(0.6)
	Czech Republic	64.4	(0.8)	63.1	(0.9)	5.8	(0.3)	11.0	(0.5)	36.8	(0.9)
	Denmark	82.4	(0.7)	40.4	(0.8)	3.0	(0.3)	10.4	(0.6)	24.2	(0.8)
	Finland	80.7	(0.7)	58.0	(0.9)	7.0	(0.4)	13.1	(0.5)	26.5	(0.8)
	France	52.9	(0.9)	59.3	(1.1)	5.4	(0.4)	16.6	(0.7)	23.5	(0.7)
	Germany	65.0	(0.7)	56.3	(1.0)	6.1	(0.4)	19.4	(0.7)	27.0	(0.8)
	Greece	47.9	(0.9)	56.2	(0.9)	5.5	(0.4)	11.6	(0.5)	33.5	(0.9)
	Hungary	64.0	(0.9)	68.8	(0.8)	7.4	(0.4)	14.6	(0.6)	35.6	(0.9)
	Iceland	79.0	(0.7)	39.4	(0.8)	2.9	(0.3)	8.5	(0.4)	16.4	(0.6)
	Ireland	72.0	(0.7)	41.0	(0.8)	3.3	(0.3)	11.9	(0.5)	21.1	(0.7)
	Italy	63.9	(0.7)	51.3	(0.6)	3.2	(0.2)	9.9	(0.4)	21.0	(0.4)
	Japan	66.0	(0.7)	51.0	(0.9)	1.5	(0.2)	3.8	(0.2)	13.5	(0.5)
	Korea	42.7	(0.8)	59.0	(0.9)	1.6	(0.2)	2.5	(0.2)	33.3	(0.8)
	Luxembourg	66.3	(0.7)	55.6	(0.7)	8.0	(0.4)	19.0	(0.5)	27.7	(0.7)
	Mexico	73.6	(0.7)	39.0	(0.9)	4.7	(0.2)	11.3	(0.4)	27.8	(0.8)
	Netherlands	66.3	(0.8)	51.2	(0.9)	4.2	(0.4)	11.5	(0.6)	19.8	(0.6)
	New Zealand	80.8	(0.6)	40.4	(0.7)	5.9	(0.4)	18.0	(0.6)	30.2	(0.7)
	Norway	73.5	(0.9)	51.6	(1.0)	9.1	(0.5)	16.6	(0.6)	29.0	(0.9)
	Poland	76.6	(0.7)	45.5	(0.8)	3.6	(0.2)	10.1	(0.5)	26.3	(0.7)
	Portugal	82.9	(0.7)	55.6	(0.9)	9.1	(0.5)	14.5	(0.5)	39.9	(0.9)
	Slovak Republic	73.1	(1.0)	57.3	(1.0)	7.3	(0.5)	10.6	(0.6)	28.9	(0.8)
	Spain	79.3	(0.5)	57.2	(0.7)	6.6	(0.3)	17.7	(0.5)	26.7	(0.7)
	Sweden	73.7	(0.8)	44.1	(0.9)	3.3	(0.3)	13.1	(0.6)	17.8	(0.6)
	Switzerland	58.6	(0.8)	59.1	(0.8)	7.3	(0.3)	22.7	(0.5)	23.6	(0.7)
	Turkey	52.2	(0.9)	58.4	(1.1)	10.1	(0.5)	13.5	(0.6)	25.1	(1.1)
United Kingdom	83.8	(0.5)	36.1	(0.7)	4.2	(0.3)	13.9	(0.4)	22.9	(0.5)	
United States	85.4	(0.6)	34.7	(0.8)	6.7	(0.3)	14.0	(0.6)	29.9	(0.9)	
<b>OECD average</b>	<b>70.1</b>	<b>(0.1)</b>	<b>50.6</b>	<b>(0.1)</b>	<b>5.5</b>	<b>(0.1)</b>	<b>13.4</b>	<b>(0.1)</b>	<b>26.5</b>	<b>(0.1)</b>	
Partners	Argentina	67.7	(1.1)	40.3	(1.3)	3.7	(0.4)	10.0	(0.5)	27.3	(1.3)
	Azerbaijan	65.2	(1.3)	17.7	(0.9)	2.2	(0.2)	2.7	(0.3)	8.8	(0.5)
	Brazil	69.1	(0.7)	54.6	(0.8)	9.5	(0.5)	10.2	(0.4)	24.1	(0.8)
	Bulgaria	60.8	(1.3)	43.8	(1.4)	13.0	(1.8)	17.5	(1.7)	27.6	(1.8)
	Chile	61.4	(0.9)	41.4	(1.0)	4.6	(0.4)	11.3	(0.5)	24.6	(0.9)
	Colombia	70.2	(1.0)	36.1	(1.6)	7.1	(0.6)	12.2	(0.8)	25.9	(1.4)
	Croatia	82.1	(0.6)	53.4	(0.8)	5.2	(0.3)	14.8	(0.6)	25.5	(0.7)
	Estonia	77.7	(0.8)	62.5	(0.9)	9.0	(0.5)	15.7	(0.6)	36.2	(0.8)
	Hong Kong-China	76.2	(0.9)	67.1	(0.8)	5.5	(0.4)	10.0	(0.6)	34.9	(0.9)
	Indonesia	67.5	(1.1)	40.7	(2.5)	5.5	(0.5)	4.2	(0.5)	18.9	(1.5)
	Israel	47.3	(1.0)	37.1	(0.9)	6.1	(0.5)	9.8	(0.5)	22.1	(0.8)
	Jordan	69.0	(1.1)	27.0	(0.9)	5.4	(0.4)	8.1	(0.5)	13.0	(0.8)
	Kyrgyzstan	54.4	(0.8)	32.1	(0.9)	4.7	(0.4)	4.0	(0.3)	9.6	(0.5)
	Latvia	74.5	(0.9)	64.8	(0.9)	9.4	(0.6)	15.9	(0.8)	36.8	(1.1)
	Liechtenstein	71.6	(2.4)	51.0	(2.9)	10.4	(1.5)	22.7	(2.4)	22.5	(1.8)
	Lithuania	80.4	(0.7)	55.5	(0.9)	6.5	(0.4)	12.3	(0.5)	29.1	(0.7)
	Macao-China	66.7	(0.8)	67.5	(0.7)	6.7	(0.4)	7.6	(0.4)	31.3	(0.7)
	Montenegro	67.6	(0.8)	37.4	(0.8)	7.2	(0.4)	12.2	(0.5)	22.1	(0.8)
	Qatar	50.4	(0.6)	30.7	(0.6)	5.0	(0.3)	8.7	(0.4)	14.4	(0.4)
	Romania	62.9	(1.0)	46.7	(1.1)	6.6	(0.5)	10.3	(0.6)	20.2	(0.9)
	Russian Federation	64.9	(0.9)	57.2	(0.9)	10.6	(0.5)	14.6	(0.6)	28.5	(0.9)
	Serbia	69.8	(0.6)	43.7	(1.0)	5.0	(0.3)	9.3	(0.5)	18.3	(0.7)
	Slovenia	75.7	(0.7)	49.0	(0.7)	4.7	(0.3)	12.0	(0.5)	27.0	(0.7)
	Chinese Taipei	59.9	(0.7)	45.2	(0.5)	2.7	(0.2)	4.7	(0.3)	20.6	(0.6)
Thailand	68.4	(0.9)	44.5	(0.8)	8.3	(0.4)	9.4	(0.4)	31.9	(0.8)	
Tunisia	50.0	(0.8)	35.2	(1.1)	6.1	(0.5)	6.3	(0.4)	20.7	(0.9)	
Uruguay	62.4	(0.7)	51.8	(0.8)	5.4	(0.4)	13.8	(0.6)	34.6	(0.9)	

StatLink  <http://dx.doi.org/10.1787/562235784260>

[Part 4/6]

Table A4.5 Main sources for students to learn about environmental issues

		Clearing of forests for other land use									
		Sources where they mainly learnt about the environmental issue:									
		School		TV, Radio, Newspaper or Magazines		Friends		Family		Internet or Books	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	77.8	(0.6)	41.9	(0.5)	4.1	(0.2)	15.0	(0.4)	23.8	(0.5)
	Austria	75.4	(0.7)	44.2	(1.0)	3.9	(0.3)	17.0	(0.6)	16.4	(0.7)
	Belgium	63.4	(0.8)	48.1	(0.8)	3.4	(0.2)	11.2	(0.4)	16.5	(0.4)
	Canada	73.4	(0.7)	46.8	(0.5)	5.8	(0.3)	17.5	(0.4)	23.0	(0.5)
	Czech Republic	59.8	(1.0)	60.7	(1.0)	4.1	(0.3)	9.5	(0.6)	28.8	(0.7)
	Denmark	79.4	(0.8)	46.6	(0.9)	3.8	(0.3)	13.7	(0.5)	23.8	(0.7)
	Finland	75.9	(0.9)	47.2	(0.8)	3.1	(0.3)	12.7	(0.5)	13.5	(0.6)
	France	42.6	(0.9)	61.0	(1.1)	4.4	(0.3)	15.6	(0.6)	18.9	(0.8)
	Germany	67.5	(0.9)	52.3	(1.0)	4.7	(0.4)	17.9	(0.7)	21.9	(0.7)
	Greece	36.4	(0.8)	40.2	(0.9)	4.1	(0.4)	9.8	(0.4)	20.7	(0.7)
	Hungary	50.7	(1.0)	69.1	(0.8)	6.1	(0.4)	15.0	(0.6)	27.1	(0.8)
	Iceland	67.1	(0.7)	51.9	(0.8)	3.8	(0.3)	12.2	(0.6)	14.6	(0.6)
	Ireland	77.3	(0.7)	37.8	(0.9)	2.6	(0.3)	10.7	(0.5)	14.1	(0.6)
	Italy	62.5	(0.7)	47.6	(0.7)	2.5	(0.2)	10.1	(0.3)	16.7	(0.4)
	Japan	72.0	(0.8)	43.8	(0.9)	0.5	(0.1)	2.8	(0.2)	9.1	(0.4)
	Korea	38.0	(0.9)	49.7	(0.9)	0.5	(0.1)	2.9	(0.3)	19.0	(0.7)
	Luxembourg	60.7	(0.7)	53.2	(0.7)	5.8	(0.3)	17.1	(0.5)	21.9	(0.6)
	Mexico	60.8	(0.9)	46.4	(0.9)	3.9	(0.2)	10.9	(0.4)	22.3	(0.6)
	Netherlands	59.7	(1.1)	54.6	(0.9)	2.7	(0.2)	9.8	(0.5)	15.3	(0.5)
	New Zealand	67.9	(0.9)	44.6	(0.7)	3.8	(0.3)	16.8	(0.6)	20.0	(0.6)
	Norway	70.3	(0.8)	49.5	(0.9)	7.6	(0.5)	17.7	(0.6)	24.3	(0.8)
	Poland	71.6	(0.8)	48.1	(0.9)	4.6	(0.3)	16.7	(0.6)	24.0	(0.7)
	Portugal	73.4	(0.7)	56.2	(0.9)	7.8	(0.4)	18.3	(0.7)	32.9	(0.8)
	Slovak Republic	61.3	(1.0)	59.9	(1.0)	7.0	(0.5)	10.7	(0.5)	24.9	(0.7)
	Spain	72.5	(0.7)	53.3	(0.6)	4.7	(0.3)	14.2	(0.4)	19.6	(0.7)
	Sweden	51.7	(1.0)	28.2	(0.8)	1.8	(0.2)	11.1	(0.7)	8.6	(0.5)
	Switzerland	56.4	(1.0)	54.5	(0.8)	5.9	(0.3)	21.3	(0.6)	17.6	(0.5)
	Turkey	52.0	(1.1)	54.7	(0.9)	10.8	(0.5)	19.5	(0.8)	22.9	(0.9)
United Kingdom	81.3	(0.7)	33.7	(0.7)	3.2	(0.3)	8.9	(0.4)	17.0	(0.6)	
United States	73.8	(0.9)	43.8	(1.0)	7.8	(0.4)	16.7	(0.7)	26.7	(0.8)	
<b>OECD average</b>	<b>64.4</b>	<b>(0.1)</b>	<b>49.0</b>	<b>(0.1)</b>	<b>4.5</b>	<b>(0.1)</b>	<b>13.4</b>	<b>(0.1)</b>	<b>20.2</b>	<b>(0.1)</b>	
Partners	Argentina	56.4	(1.5)	43.5	(1.4)	4.0	(0.4)	10.7	(0.8)	23.8	(1.1)
	Azerbaijan	53.2	(1.1)	23.2	(0.9)	3.4	(0.3)	5.1	(0.4)	5.8	(0.4)
	Brazil	60.9	(0.6)	57.3	(0.9)	7.6	(0.4)	10.6	(0.5)	21.5	(0.7)
	Bulgaria	44.7	(1.0)	52.5	(1.4)	14.8	(1.7)	22.8	(1.5)	23.1	(1.8)
	Chile	45.9	(1.1)	43.1	(1.1)	3.6	(0.3)	12.2	(0.5)	21.1	(0.7)
	Colombia	61.3	(2.2)	41.1	(1.7)	7.8	(0.6)	13.7	(1.2)	24.5	(1.3)
	Croatia	74.1	(0.7)	49.6	(0.9)	3.6	(0.3)	13.5	(0.5)	17.4	(0.6)
	Estonia	71.1	(0.9)	62.3	(0.9)	7.6	(0.4)	18.0	(0.6)	28.4	(0.8)
	Hong Kong-China	86.8	(1.1)	43.3	(0.9)	2.6	(0.3)	5.2	(0.5)	24.1	(0.7)
	Indonesia	53.0	(1.1)	52.7	(1.5)	5.7	(0.5)	6.2	(0.5)	14.3	(0.9)
	Israel	39.5	(0.9)	35.8	(0.9)	5.7	(0.5)	9.2	(0.5)	18.1	(0.8)
	Jordan	59.8	(1.0)	28.6	(0.8)	6.8	(0.5)	9.1	(0.5)	12.7	(0.7)
	Kyrgyzstan	34.4	(0.8)	36.3	(0.9)	5.1	(0.3)	7.5	(0.5)	6.9	(0.4)
	Latvia	59.2	(1.1)	70.2	(1.0)	12.4	(0.6)	30.3	(1.0)	30.7	(1.0)
	Liechtenstein	68.9	(2.2)	47.5	(2.7)	5.4	(1.2)	19.8	(2.0)	16.3	(1.7)
	Lithuania	67.4	(0.9)	53.7	(1.0)	5.7	(0.4)	17.7	(0.6)	21.4	(0.7)
	Macao-China	75.4	(0.7)	57.4	(0.8)	3.5	(0.3)	6.7	(0.4)	24.3	(0.7)
	Montenegro	57.7	(0.8)	38.7	(0.9)	8.7	(0.5)	15.8	(0.6)	17.3	(0.6)
	Qatar	49.9	(0.7)	26.2	(0.5)	6.3	(0.3)	7.6	(0.3)	13.0	(0.4)
	Romania	50.5	(1.3)	47.8	(1.1)	4.6	(0.4)	12.2	(0.8)	15.1	(0.7)
	Russian Federation	59.4	(0.9)	63.0	(0.8)	13.0	(0.7)	23.2	(0.8)	23.2	(0.8)
	Serbia	63.8	(0.7)	43.6	(0.8)	4.9	(0.3)	8.9	(0.4)	14.2	(0.6)
	Slovenia	68.1	(0.8)	47.1	(0.8)	4.5	(0.4)	15.8	(0.5)	20.9	(0.6)
	Chinese Taipei	59.4	(0.6)	49.2	(0.6)	2.3	(0.2)	5.9	(0.3)	15.5	(0.4)
	Thailand	58.3	(0.8)	45.9	(0.7)	9.0	(0.4)	17.9	(0.6)	24.5	(0.7)
	Tunisia	45.5	(1.1)	38.4	(0.9)	7.1	(0.4)	10.2	(0.5)	13.5	(0.7)
	Uruguay	55.0	(0.8)	52.9	(0.8)	5.4	(0.3)	15.6	(0.6)	30.4	(0.8)

StatLink  <http://dx.doi.org/10.1787/562235784260>



[Part 5/6]

Table A4.5 Main sources for students to learn about environmental issues

		Water shortages									
		Sources where they mainly learnt about the environmental issue:									
		School		TV, Radio, Newspaper or Magazines		Friends		Family		Internet or Books	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>	Australia	64.3	(0.6)	60.6	(0.6)	9.6	(0.3)	32.4	(0.6)	21.3	(0.4)
	Austria	62.8	(0.8)	45.0	(0.9)	3.9	(0.3)	20.1	(0.6)	12.6	(0.6)
	Belgium	56.3	(0.7)	48.8	(0.7)	2.8	(0.2)	11.9	(0.4)	13.4	(0.4)
	Canada	62.0	(0.6)	49.1	(0.6)	5.9	(0.3)	22.7	(0.5)	19.2	(0.5)
	Czech Republic	55.9	(1.0)	62.4	(1.0)	4.3	(0.4)	13.0	(0.5)	30.7	(0.7)
	Denmark	70.0	(0.7)	41.1	(0.9)	2.4	(0.2)	12.8	(0.6)	17.4	(0.7)
	Finland	62.6	(0.9)	59.0	(0.8)	5.1	(0.3)	15.7	(0.7)	16.3	(0.7)
	France	48.9	(1.1)	53.7	(1.1)	5.0	(0.3)	19.5	(0.8)	16.9	(0.7)
	Germany	54.8	(0.9)	50.4	(1.0)	4.0	(0.3)	20.9	(0.8)	17.7	(0.6)
	Greece	40.9	(0.8)	58.3	(1.0)	6.5	(0.4)	22.8	(0.9)	26.6	(0.8)
	Hungary	46.9	(1.0)	70.5	(0.7)	5.3	(0.3)	17.2	(0.7)	25.1	(0.8)
	Iceland	62.0	(0.8)	60.2	(0.8)	5.8	(0.4)	17.9	(0.7)	16.5	(0.6)
	Ireland	71.9	(0.7)	40.0	(0.9)	3.3	(0.3)	18.4	(0.6)	11.7	(0.5)
	Italy	51.7	(0.6)	59.7	(0.7)	3.5	(0.2)	20.1	(0.6)	15.9	(0.5)
	Japan	55.8	(0.8)	52.8	(0.9)	1.2	(0.2)	6.6	(0.4)	7.5	(0.4)
	Korea	42.5	(0.8)	70.7	(0.9)	4.9	(0.3)	11.6	(0.5)	31.5	(0.9)
	Luxembourg	52.6	(0.7)	48.7	(0.7)	5.2	(0.3)	21.8	(0.5)	18.6	(0.6)
	Mexico	57.6	(0.8)	54.8	(1.0)	9.1	(0.4)	23.0	(0.6)	24.2	(0.7)
	Netherlands	50.3	(0.8)	49.0	(0.8)	2.2	(0.2)	10.6	(0.5)	11.3	(0.4)
	New Zealand	54.5	(0.9)	52.6	(0.8)	4.5	(0.3)	26.0	(0.9)	14.4	(0.5)
	Norway	72.6	(0.8)	48.5	(0.9)	7.1	(0.4)	19.1	(0.6)	24.3	(0.7)
	Poland	71.8	(0.7)	42.0	(0.8)	2.7	(0.2)	11.3	(0.5)	21.7	(0.6)
	Portugal	75.0	(0.7)	62.0	(1.1)	13.8	(0.5)	30.5	(1.0)	36.8	(0.9)
	Slovak Republic	60.7	(1.2)	67.8	(1.1)	9.6	(0.7)	15.5	(0.7)	27.4	(1.0)
	Spain	70.6	(0.7)	67.9	(0.7)	12.6	(0.5)	36.0	(0.7)	23.5	(0.7)
	Sweden	65.0	(0.9)	42.3	(0.9)	4.0	(0.3)	16.6	(0.6)	13.7	(0.6)
	Switzerland	47.0	(0.9)	53.6	(0.7)	5.7	(0.3)	24.6	(0.7)	13.5	(0.5)
	Turkey	40.4	(0.8)	58.7	(0.8)	8.8	(0.5)	20.3	(0.7)	20.3	(0.9)
United Kingdom	67.4	(0.8)	47.3	(0.8)	4.5	(0.3)	19.1	(0.6)	15.1	(0.5)	
United States	64.2	(0.9)	41.9	(1.0)	6.4	(0.4)	21.5	(0.8)	21.2	(0.6)	
<b>OECD average</b>	<b>58.6</b>	<b>(0.2)</b>	<b>54.0</b>	<b>(0.2)</b>	<b>5.7</b>	<b>(0.1)</b>	<b>19.3</b>	<b>(0.1)</b>	<b>19.5</b>	<b>(0.1)</b>	
<b>Partners</b>	Argentina	56.2	(1.3)	45.4	(1.5)	5.3	(0.4)	15.2	(0.9)	21.5	(1.0)
	Azerbaijan	43.4	(1.1)	29.7	(1.0)	3.3	(0.3)	8.9	(0.8)	5.6	(0.5)
	Brazil	58.9	(0.8)	51.0	(1.0)	11.0	(0.5)	17.1	(0.6)	22.1	(0.8)
	Bulgaria	43.4	(1.0)	52.6	(1.3)	13.4	(1.8)	21.1	(1.4)	21.4	(1.8)
	Chile	54.9	(0.9)	43.4	(0.9)	4.1	(0.3)	14.8	(0.6)	19.9	(0.8)
	Colombia	59.4	(1.5)	43.9	(1.7)	9.8	(0.7)	22.7	(1.1)	22.1	(1.4)
	Croatia	68.3	(0.7)	62.2	(0.8)	8.1	(0.4)	26.9	(0.7)	25.0	(0.7)
	Estonia	57.8	(0.9)	63.0	(0.9)	9.4	(0.4)	21.3	(0.6)	26.8	(0.8)
	Hong Kong-China	74.7	(1.1)	51.1	(0.9)	2.1	(0.3)	9.4	(0.5)	21.1	(0.7)
	Indonesia	46.2	(1.1)	53.1	(1.2)	7.6	(0.7)	14.5	(0.7)	13.2	(0.9)
	Israel	46.6	(1.0)	47.2	(0.8)	8.6	(0.5)	20.6	(0.8)	19.8	(0.7)
	Jordan	54.2	(1.0)	38.0	(1.0)	7.4	(0.6)	21.7	(0.9)	11.8	(0.8)
	Kyrgyzstan	37.8	(0.8)	38.9	(1.0)	5.0	(0.4)	8.4	(0.4)	5.7	(0.4)
	Latvia	50.7	(1.3)	64.5	(0.9)	9.5	(0.4)	21.4	(0.6)	27.2	(0.8)
	Liechtenstein	57.8	(2.5)	48.1	(2.5)	5.9	(1.2)	26.5	(2.1)	14.8	(1.6)
	Lithuania	65.1	(0.8)	50.2	(0.9)	4.8	(0.3)	13.3	(0.5)	18.9	(0.7)
	Macao-China	69.7	(0.8)	62.3	(0.8)	5.5	(0.4)	16.0	(0.6)	22.4	(0.6)
	Montenegro	55.6	(0.9)	43.7	(0.8)	11.0	(0.6)	23.4	(0.6)	19.2	(0.6)
	Qatar	48.4	(0.7)	27.3	(0.5)	6.2	(0.3)	14.4	(0.5)	12.2	(0.4)
	Romania	52.4	(1.1)	38.7	(1.2)	3.6	(0.5)	9.3	(0.5)	12.1	(0.6)
	Russian Federation	24.8	(0.7)	60.5	(1.0)	12.2	(0.6)	28.9	(0.9)	11.0	(0.6)
	Serbia	48.4	(0.8)	55.2	(1.0)	8.9	(0.5)	21.9	(0.7)	12.0	(0.6)
	Slovenia	65.6	(0.8)	57.0	(0.8)	8.4	(0.4)	24.9	(0.6)	26.2	(0.5)
	Chinese Taipei	51.1	(0.7)	55.9	(0.7)	2.9	(0.2)	11.3	(0.4)	13.8	(0.4)
	Thailand	55.1	(0.9)	56.1	(0.8)	9.4	(0.6)	18.3	(0.6)	25.8	(0.9)
	Tunisia	46.6	(1.1)	40.7	(0.9)	7.9	(0.5)	17.0	(0.7)	14.6	(0.7)
	Uruguay	57.1	(0.9)	60.8	(0.7)	9.4	(0.5)	24.6	(0.8)	32.2	(0.7)

StatLink  <http://dx.doi.org/10.1787/562235784260>

[Part 6/6]

Table A4.5 Main sources for students to learn about environmental issues

	Nuclear waste										
	Sources where they mainly learnt about the environmental issue:										
	School		TV, Radio, Newspaper or Magazines		Friends		Family		Internet or Books		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
<b>OECD</b>	Australia	71.0	(0.6)	32.9	(0.5)	2.7	(0.2)	8.7	(0.3)	19.1	(0.5)
	Austria	63.2	(0.9)	38.6	(0.9)	2.9	(0.2)	11.6	(0.5)	16.7	(0.6)
	Belgium	43.9	(0.8)	45.9	(0.7)	2.7	(0.2)	9.2	(0.4)	15.2	(0.4)
	Canada	66.7	(0.6)	33.2	(0.6)	2.8	(0.2)	8.3	(0.3)	18.0	(0.4)
	Czech Republic	61.4	(1.0)	60.3	(0.9)	4.7	(0.3)	8.7	(0.4)	35.0	(0.9)
	Denmark	76.5	(1.0)	31.3	(0.8)	3.3	(0.3)	8.6	(0.5)	19.9	(0.8)
	Finland	69.3	(1.0)	46.0	(0.8)	3.1	(0.2)	8.2	(0.5)	15.2	(0.6)
	France	36.0	(0.8)	48.5	(0.9)	3.2	(0.3)	13.2	(0.6)	15.7	(0.6)
	Germany	47.4	(1.1)	47.2	(0.9)	4.3	(0.4)	15.8	(0.7)	20.9	(0.7)
	Greece	42.1	(1.0)	45.3	(0.7)	3.4	(0.3)	8.8	(0.4)	30.7	(0.9)
	Hungary	42.2	(0.9)	56.5	(0.8)	4.2	(0.3)	8.5	(0.5)	26.1	(0.8)
	Iceland	61.5	(0.7)	44.3	(0.7)	3.5	(0.3)	6.5	(0.4)	14.4	(0.5)
	Ireland	73.7	(0.8)	33.6	(0.8)	2.3	(0.2)	9.1	(0.5)	12.1	(0.5)
	Italy	50.1	(0.6)	40.0	(0.7)	2.3	(0.2)	7.8	(0.3)	16.1	(0.4)
	Japan	55.9	(1.0)	36.9	(0.9)	0.5	(0.1)	2.3	(0.2)	6.9	(0.4)
	Korea	40.2	(1.1)	49.3	(1.0)	1.1	(0.2)	2.9	(0.3)	22.0	(0.8)
	Luxembourg	38.6	(0.7)	46.0	(0.7)	3.8	(0.3)	14.4	(0.5)	18.2	(0.6)
	Mexico	50.7	(0.9)	26.8	(0.7)	2.0	(0.2)	3.2	(0.2)	21.7	(0.6)
	Netherlands	57.1	(0.9)	39.1	(0.9)	1.8	(0.2)	7.6	(0.4)	12.7	(0.5)
	New Zealand	62.1	(0.9)	35.3	(0.7)	2.7	(0.3)	9.5	(0.5)	16.8	(0.6)
	Norway	71.7	(1.2)	30.1	(0.8)	3.6	(0.3)	9.9	(0.5)	18.6	(0.7)
	Poland	55.0	(0.9)	30.4	(0.7)	1.4	(0.1)	3.3	(0.3)	18.6	(0.6)
	Portugal	69.5	(0.9)	43.1	(0.9)	3.6	(0.3)	7.6	(0.4)	32.1	(0.8)
	Slovak Republic	63.6	(1.1)	55.9	(1.0)	5.7	(0.5)	7.9	(0.5)	27.8	(0.9)
	Spain	71.3	(0.7)	42.9	(0.7)	2.6	(0.2)	7.7	(0.4)	18.6	(0.6)
	Sweden	71.6	(1.0)	29.0	(0.9)	3.1	(0.3)	11.1	(0.5)	13.4	(0.6)
	Switzerland	41.1	(0.9)	44.1	(0.7)	4.1	(0.3)	15.6	(0.5)	14.5	(0.5)
	Turkey	48.7	(1.1)	56.1	(1.0)	6.9	(0.4)	9.5	(0.6)	25.0	(1.0)
	United Kingdom	80.1	(0.6)	26.5	(0.6)	2.1	(0.2)	7.1	(0.4)	15.6	(0.5)
	United States	70.6	(1.0)	30.9	(0.7)	3.6	(0.3)	9.2	(0.5)	22.0	(0.7)
	<b>OECD average</b>	<b>58.4</b>	<b>(0.2)</b>	<b>40.9</b>	<b>(0.2)</b>	<b>3.1</b>	<b>(0.0)</b>	<b>8.7</b>	<b>(0.1)</b>	<b>19.3</b>	<b>(0.1)</b>
<b>Partners</b>	Argentina	42.0	(1.2)	29.9	(0.9)	1.9	(0.2)	5.5	(0.5)	20.0	(1.0)
	Azerbaijan	44.7	(1.2)	25.4	(0.8)	2.1	(0.2)	2.2	(0.2)	7.8	(0.6)
	Brazil	55.2	(0.7)	36.6	(0.8)	3.6	(0.3)	4.2	(0.3)	20.3	(0.7)
	Bulgaria	44.0	(1.0)	45.1	(1.2)	11.9	(1.9)	15.9	(1.8)	22.9	(1.8)
	Chile	47.0	(0.9)	29.2	(0.7)	2.1	(0.3)	4.4	(0.3)	20.4	(0.6)
	Colombia	47.7	(1.1)	26.1	(0.9)	2.8	(0.4)	3.1	(0.3)	21.5	(0.9)
	Croatia	64.2	(0.8)	54.9	(0.8)	3.9	(0.3)	10.9	(0.5)	23.2	(0.7)
	Estonia	58.0	(1.1)	52.3	(0.9)	5.0	(0.3)	9.4	(0.5)	25.2	(0.7)
	Hong Kong-China	62.8	(1.3)	34.7	(0.9)	1.5	(0.2)	2.5	(0.2)	18.4	(0.6)
	Indonesia	34.2	(1.0)	32.4	(0.8)	2.8	(0.4)	1.8	(0.2)	12.1	(1.0)
	Israel	35.2	(0.8)	23.3	(0.7)	3.5	(0.3)	6.7	(0.4)	15.4	(0.7)
	Jordan	46.6	(0.9)	34.4	(0.9)	4.2	(0.3)	5.3	(0.4)	19.1	(0.8)
	Kyrgyzstan	39.9	(0.9)	29.4	(0.8)	3.8	(0.3)	3.5	(0.3)	7.5	(0.4)
	Latvia	49.9	(1.0)	59.6	(0.9)	6.9	(0.5)	13.1	(0.5)	30.7	(1.0)
	Liechtenstein	50.2	(2.4)	37.8	(2.8)	2.7	(0.9)	11.2	(1.8)	9.5	(1.5)
	Lithuania	56.9	(0.8)	42.2	(1.0)	2.9	(0.2)	5.6	(0.3)	17.8	(0.7)
	Macao-China	47.2	(0.8)	38.7	(0.7)	1.8	(0.2)	2.5	(0.3)	17.6	(0.6)
	Montenegro	42.6	(0.9)	40.1	(0.8)	5.6	(0.4)	10.1	(0.5)	21.3	(0.7)
	Qatar	37.5	(0.6)	19.0	(0.6)	4.2	(0.3)	6.1	(0.3)	15.2	(0.5)
	Romania	53.2	(1.4)	37.7	(1.7)	2.5	(0.4)	5.0	(0.5)	17.3	(0.7)
	Russian Federation	47.3	(0.8)	61.2	(1.0)	9.1	(0.7)	14.7	(0.7)	22.9	(0.8)
	Serbia	49.3	(1.0)	47.3	(0.9)	4.7	(0.3)	8.2	(0.5)	16.2	(0.6)
	Slovenia	56.5	(0.9)	50.5	(0.9)	4.1	(0.3)	11.7	(0.5)	24.3	(0.6)
	Chinese Taipei	54.1	(0.7)	47.7	(0.5)	1.4	(0.1)	3.8	(0.2)	14.5	(0.4)
	Thailand	41.0	(0.8)	27.5	(0.7)	3.5	(0.3)	2.5	(0.3)	21.8	(0.7)
	Tunisia	16.7	(0.6)	36.1	(0.8)	4.9	(0.4)	5.3	(0.4)	21.9	(0.9)
	Uruguay	34.3	(0.8)	37.5	(0.7)	2.9	(0.3)	5.8	(0.4)	27.6	(0.9)

StatLink  <http://dx.doi.org/10.1787/562235784260>



[Part 1/1]

**Table A4.6 Relationship between sources of students' knowledge about the extinction of plants and animals and the environmental science performance index, by country**

	Sources of students' knowledge about the extinction of plants and animals												
	Relying mainly on School				Relying mainly on School and Media (TV, Radio, Newspapers or Magazines, Internet, and Books)				Relying mainly on Media (TV, Radio, Newspapers or Magazines, Internet, and Books)				
	Before accounting for background variables		After accounting for background variables		Before accounting for background variables		After accounting for background variables		Before accounting for background variables		After accounting for background variables		
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	
<b>OECD</b>	Australia	46.7	(4.9)	35.3	(4.6)	85.9	(4.7)	68.0	(4.6)	64.7	(5.5)	49.2	(5.1)
	Austria	-0.6	(8.3)	-1.9	(7.2)	49.1	(8.6)	28.5	(7.1)	40.6	(9.4)	21.4	(8.3)
	Belgium	48.5	(6.1)	23.7	(4.9)	84.8	(6.5)	48.9	(5.0)	74.4	(5.7)	43.3	(4.5)
	Canada	18.9	(4.9)	13.6	(5.7)	52.6	(4.9)	43.9	(5.6)	47.1	(5.5)	39.4	(5.7)
	Czech Republic	15.8	(8.2)	8.8	(6.6)	52.5	(7.6)	41.1	(6.0)	33.8	(8.0)	25.3	(6.3)
	Denmark	26.9	(8.3)	16.6	(7.4)	68.6	(8.1)	50.0	(7.7)	59.6	(8.8)	45.5	(8.3)
	Finland	16.1	(11.5)	13.2	(11.2)	53.5	(11.1)	46.2	(10.8)	44.2	(12.0)	37.9	(11.6)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	19.4	(6.8)	9.1	(6.3)	65.5	(6.4)	36.2	(6.2)	62.7	(6.5)	37.9	(6.4)
	Greece	44.7	(6.8)	32.2	(5.9)	88.4	(6.4)	64.4	(5.6)	58.1	(6.0)	42.7	(5.6)
	Hungary	20.8	(10.3)	2.1	(8.0)	57.2	(10.1)	25.6	(7.9)	49.7	(9.7)	23.7	(7.5)
	Iceland	34.7	(7.3)	23.2	(7.7)	78.3	(7.3)	62.4	(7.7)	65.3	(8.2)	52.2	(8.6)
	Ireland	16.2	(5.3)	9.2	(5.1)	69.0	(5.5)	54.1	(5.2)	61.3	(6.0)	46.0	(5.9)
	Italy	35.0	(5.3)	23.2	(4.5)	72.6	(6.0)	49.9	(5.3)	56.1	(5.4)	37.0	(4.7)
	Japan	27.5	(8.6)	23.5	(7.8)	69.4	(10.1)	58.6	(8.5)	72.0	(8.8)	57.3	(7.7)
	Korea	28.2	(11.0)	22.3	(9.8)	84.7	(11.9)	66.2	(10.2)	76.9	(10.8)	61.2	(9.5)
	Luxembourg	28.6	(5.1)	18.4	(4.6)	71.0	(5.5)	45.5	(5.0)	63.2	(5.3)	41.1	(5.0)
	Mexico	42.7	(7.0)	27.7	(6.4)	79.6	(7.2)	53.6	(6.4)	47.2	(6.9)	31.0	(6.4)
	Netherlands	33.6	(9.6)	23.2	(8.5)	84.3	(10.4)	54.1	(9.1)	65.4	(9.9)	41.6	(8.8)
	New Zealand	32.9	(6.9)	8.1	(7.3)	84.3	(7.2)	49.5	(7.6)	78.7	(7.6)	46.3	(7.9)
	Norway	29.8	(5.4)	8.1	(6.3)	73.5	(5.7)	49.4	(5.9)	66.3	(6.6)	43.1	(7.0)
	Poland	26.5	(7.5)	28.5	(7.2)	73.0	(7.4)	71.4	(7.2)	57.1	(8.3)	54.2	(7.9)
	Portugal	29.0	(8.6)	18.2	(7.8)	77.3	(8.6)	57.0	(7.6)	46.0	(7.9)	29.1	(7.0)
	Slovak Republic	-8.4	(8.8)	-8.6	(7.5)	42.7	(9.5)	27.3	(7.8)	28.0	(9.3)	16.2	(8.0)
	Spain	16.5	(5.5)	12.7	(5.6)	60.7	(5.8)	51.9	(5.9)	46.7	(5.8)	39.4	(5.9)
	Sweden	42.5	(8.1)	35.4	(9.5)	78.6	(7.8)	67.7	(9.2)	82.8	(8.8)	69.8	(10.1)
	Switzerland	13.4	(4.9)	10.5	(4.4)	61.9	(5.2)	42.5	(4.3)	48.9	(4.9)	35.9	(3.9)
	Turkey	26.4	(8.1)	15.3	(6.1)	75.9	(8.9)	49.2	(6.4)	45.4	(8.5)	26.8	(6.4)
	United Kingdom	15.9	(5.8)	7.6	(5.4)	64.0	(6.1)	43.9	(5.8)	69.3	(6.5)	46.7	(6.3)
	United States	47.5	(6.5)	33.3	(5.7)	91.5	(6.8)	68.2	(5.9)	53.4	(6.2)	37.5	(6.5)
	<b>OECD average</b>	26.8	(1.4)	17.0	(1.3)	70.7	(1.4)	50.9	(1.3)	57.4	(1.4)	40.6	(1.3)
<b>Partners</b>	Argentina	23.7	(5.9)	14.6	(7.3)	70.6	(7.1)	44.8	(8.8)	40.9	(6.9)	27.7	(8.9)
	Azerbaijan	26.0	(3.5)	22.8	(3.6)	79.5	(9.6)	72.6	(9.7)	25.6	(3.8)	21.4	(3.8)
	Brazil	21.4	(4.8)	18.5	(5.1)	73.9	(5.1)	54.7	(5.3)	41.9	(5.1)	32.5	(5.2)
	Bulgaria	27.4	(9.1)	15.3	(6.9)	79.8	(10.2)	41.9	(7.4)	58.5	(10.1)	29.7	(6.7)
	Chile	15.5	(6.4)	18.2	(4.0)	63.8	(7.4)	51.9	(5.2)	42.7	(6.7)	35.7	(4.3)
	Colombia	26.8	(5.2)	17.9	(5.7)	67.7	(5.2)	50.5	(5.7)	46.1	(5.4)	33.0	(5.7)
	Croatia	7.7	(9.7)	11.1	(9.2)	58.4	(10.1)	53.3	(9.4)	36.4	(9.7)	30.0	(9.4)
	Estonia	27.2	(9.7)	22.4	(9.6)	63.4	(9.7)	52.2	(9.7)	50.8	(9.8)	41.3	(9.7)
	Hong Kong-China	35.1	(15.4)	24.7	(13.9)	81.3	(14.7)	60.9	(12.8)	67.1	(15.2)	52.7	(13.1)
	Indonesia	31.1	(4.9)	23.3	(4.3)	76.2	(6.7)	53.4	(5.1)	43.3	(6.6)	28.8	(4.9)
	Israel	20.4	(5.3)	16.2	(4.6)	76.4	(6.3)	62.4	(6.1)	62.8	(5.0)	49.2	(4.8)
	Jordan	54.8	(4.8)	43.0	(4.1)	86.7	(6.1)	65.4	(5.1)	46.1	(5.0)	35.4	(4.4)
	Kyrgyzstan	21.9	(3.1)	18.1	(3.1)	63.4	(6.5)	46.8	(4.6)	22.5	(3.5)	16.5	(3.3)
	Latvia	14.4	(9.4)	11.7	(9.7)	53.3	(9.1)	48.2	(9.2)	37.5	(11.2)	30.0	(10.5)
	Liechtenstein	2.6	(17.9)	4.7	(17.4)	32.8	(18.5)	8.4	(17.0)	32.6	(20.1)	24.7	(18.3)
	Lithuania	21.1	(12.5)	15.0	(11.4)	71.0	(12.4)	56.8	(11.3)	50.0	(12.5)	39.3	(11.4)
	Macao-China	10.0	(7.5)	4.7	(7.8)	38.4	(7.6)	33.4	(7.9)	27.6	(8.0)	22.7	(8.1)
	Montenegro	26.2	(4.7)	18.6	(4.7)	85.8	(4.6)	69.2	(4.6)	46.5	(6.2)	34.4	(5.9)
	Qatar	25.9	(2.8)	14.1	(2.8)	80.8	(4.7)	54.7	(4.5)	29.1	(3.1)	19.7	(2.9)
	Romania	22.5	(6.2)	19.1	(6.0)	78.5	(7.7)	61.0	(7.7)	48.6	(7.5)	36.0	(7.3)
	Russian Federation	14.0	(7.7)	8.9	(7.4)	57.6	(6.5)	48.4	(5.3)	32.9	(6.3)	25.1	(6.1)
	Serbia	32.6	(5.7)	24.9	(5.4)	84.5	(5.8)	65.0	(5.4)	63.9	(6.2)	46.2	(5.7)
	Slovenia	10.4	(9.1)	12.1	(7.8)	61.2	(8.6)	40.4	(8.2)	58.6	(9.2)	34.3	(7.8)
	Chinese Taipei	43.7	(10.6)	34.0	(9.3)	79.2	(11.3)	56.2	(9.6)	53.4	(10.8)	43.2	(9.4)
	Thailand	30.3	(5.4)	25.4	(5.7)	80.8	(5.7)	62.8	(5.8)	41.8	(5.8)	34.9	(5.9)
	Tunisia	24.8	(4.1)	19.3	(3.8)	66.2	(5.3)	48.0	(5.7)	38.1	(4.4)	28.9	(4.0)
	Uruguay	23.8	(6.5)	15.8	(5.9)	72.5	(6.6)	53.6	(6.2)	35.8	(6.1)	25.7	(5.5)

Note: Values that are statistically significant are indicated in bold.  
StatLink <http://dx.doi.org/10.1787/562235784260>







# Table of contents

<b>FOREWORD</b> .....	<b>3</b>
<b>OVERVIEW</b> .....	<b>9</b>
<b>READER'S GUIDE</b> .....	<b>13</b>
<b>CHAPTER 1 PISA 2006 AND STUDENTS' PERFORMANCE IN ENVIRONMENTAL SCIENCE AND GEOSCIENCE</b> .....	<b>15</b>
<b>Introduction</b> .....	16
<b>The Programme for International Student Assessment (PISA)</b> .....	17
▪ PISA, an overview .....	17
▪ Focus on students' science performance .....	19
<b>Environmental science education: A conceptual framework</b> .....	19
<b>Environmental science performance in PISA 2006</b> .....	20
<b>Organisation of this report</b> .....	21
<b>CHAPTER 2 A PROFILE OF STUDENT PERFORMANCE IN ENVIRONMENTAL SCIENCE AND GEOSCIENCE</b> .....	<b>23</b>
<b>Measures of performance in environmental science and geoscience</b> .....	24
<b>Main results of this chapter</b> .....	24
<b>Environmental science and geoscience performance indices in PISA 2006</b> .....	24
▪ A definition of performance in environmental science and geoscience within the PISA 2006 science framework .....	24
▪ Constructing the environmental science and geoscience performance indices and proficiency levels .....	26
▪ Constructing adjusted proficiency levels for the environmental science and geoscience performance indices .....	26
▪ Examples of tasks that students can do at each of the proficiency levels .....	28
<b>How do students perform in the environmental science and geoscience indices?</b> .....	38
▪ Student performance at the highest level of environmental science proficiency .....	38
▪ Student performance at the lowest level of environmental science proficiency .....	39
▪ Student performance in geoscience .....	39
▪ Student average performance on the environmental science and the geoscience indices .....	42
<b>Student characteristics and performance in environmental science and geoscience</b> .....	43
▪ Gender .....	43
▪ Immigrant background .....	44
▪ Socio-economic background .....	45
<b>Student performance: conclusions and implications</b> .....	45

<b>CHAPTER 3 MAKING CONNECTIONS AND TAKING RESPONSIBILITY</b> .....	<b>47</b>
<b>Student attitudes and learning about the environment</b> .....	48
<b>Main results of this chapter</b> .....	49
<b>PISA and student attitudes towards environmental issues</b> .....	49
<b>Students' familiarity with, responsibility for, and optimism toward general environmental issues</b> .....	51
▪ Overall results.....	51
▪ Air Pollution.....	52
▪ Energy shortages.....	52
▪ Extinction of plants and animals.....	56
▪ Clearing of forests for other land use.....	56
▪ Water shortage.....	56
▪ Nuclear waste.....	57
<b>Students' awareness and self-perception of their ability to understand complex environmental challenges</b> .....	57
<b>Are students' characteristics related to their attitudes towards the environment?</b> .....	59
▪ Parents' attitudes towards the environment.....	59
▪ Gender differences in attitudes towards resources and the environment.....	60
▪ Socio-economic background and attitudes towards resources and the environment.....	60
▪ Immigrant background and attitudes towards resources and the environment.....	61
<b>Are attitudes related to the environmental science performance index?</b> .....	61
▪ Students' sense of responsibility towards environmental issues.....	61
▪ Students' optimism regarding environmental issues.....	63
▪ Students' awareness of complex environmental issues.....	63
<b>Student attitudes: conclusions and implications</b> .....	63
<b>CHAPTER 4 LEARNING ABOUT ENVIRONMENTAL SCIENCE AND GEOSCIENCE</b> .....	<b>67</b>
<b>Schools and environmental science education</b> .....	68
<b>Main results of this chapter</b> .....	68
<b>Environmental science and geoscience in the school science curriculum</b> .....	69
<b>Out-of-classroom activities to promote learning of environmental science in schools</b> .....	71
<b>Sources for learning about environmental issues</b> .....	73
▪ Sources of knowledge and performance in the environmental science index.....	77
<b>Learning about the environment: conclusions and implications</b> .....	77
<b>REFERENCES</b> .....	<b>81</b>
<b>APPENDIX A DATA TABLES</b> .....	<b>83</b>
<b>APPENDIX B TECHNICAL NOTES</b> .....	<b>115</b>



## LIST OF BOXES

Box 3.1	The OECD Survey on Household Environmental Behaviour .....	48
Box 3.2	Actual questions towards environmental issues.....	50
Box 3.3	Interpreting PISA attitudinal data.....	52
Box 4.1	Environmental questions .....	69
Box 4.2	The school building as a teacher .....	74

## LIST OF FIGURES

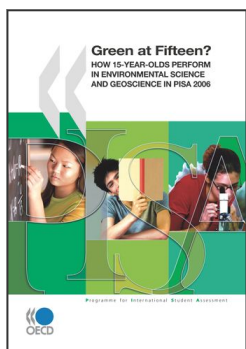
Figure 1.1	A map of PISA countries and economies.....	18
Figure A	Greenhouse.....	29
Figure B	Grand Canyon.....	34
Figure C	Acid Rain .....	36
Figure 2.1	Percentage of students at each proficiency level on the environmental science performance index.....	38
Figure 2.2	Percentage of students at each proficiency level on the geoscience performance index .....	42
Figure 2.3	Gender differences in the environmental science performance index .....	43
Figure 2.4	Differences between native students and students with an immigrant background in the environmental science performance index .....	44
Figure 2.5	Performance on the environmental science index by quarters of the PISA index of social, economic and cultural status (ESCS).....	45
Figure 3.1	Students' familiarity with environmental issues.....	53
Figure 3.2	Index of students' sense of responsibility for environmental issues .....	54
Figure 3.3	Index of students' optimism regarding environmental issues.....	55
Figure 3.4	Index of students' awareness of more complex environmental issues.....	58
Figure 3.5	Parents' sense of responsibility for environmental issues.....	59
Figure 3.6	Parents' optimism regarding environmental issues.....	60
Figure 3.7	Relationship between students' attitudes and environmental science performance after accounting for student and school background.....	62
Figure 4.1	Placement of environmental topics in the school curriculum .....	70
Figure 4.2	Outside classroom learning activities for environmental science.....	72
Figure 4.3	Main sources for students to learn about environmental issues in the OECD.....	76
Figure 4.4	Relationship between sources of students' knowledge about extinction of plants and animals and environmental science performance after accounting for background variables.....	78

## LIST OF TABLES

Table 1.1	PISA 2006 knowledge of science categories.....	20
Table 1.2	Contexts for the PISA 2006 science assessment .....	21
Table 2.1	The environmental science performance index within the PISA science framework.....	25
Table 2.2	Proficiency levels on the environmental science and geoscience performance indices.....	27
Table 2.3	Multiple comparisons of mean performance on the environmental science performance index.....	40



Table A2.1	Percentage of students by proficiency level in the environmental science performance index.....	84
Table A2.2	Percentage of students by proficiency level in the geoscience performance index .....	85
Table A2.3	Mean score on the environmental science performance index and on the geoscience performance index, by gender.....	86
Table A2.4	Mean score on the environmental science performance index and on the geoscience performance index, by students' immigrant background.....	87
Table A2.5	Performance on the environmental science index and on the geoscience index, adjusted by the PISA index of economic, social and cultural status (ESCS) and by quarters of the index of ESCS.....	88
<hr/>		
Table A3.1	Students' familiarity with environmental issues.....	90
Table A3.2	Index of students' sense of responsibility for environmental issues .....	91
Table A3.3	Index of students' optimism regarding environmental issues.....	92
Table A3.4	Index of students' awareness of more complex environmental issues.....	93
Table A3.5	Parents' sense of responsibility for environmental issues.....	94
Table A3.6	Parents' optimism regarding environmental issues.....	94
Table A3.7	Relationship between parents' and students' attitude towards environmental issues .....	94
Table A3.8	Effect sizes for gender differences (females minus males) in environmental science attitude indices.....	95
Table A3.9	Effect sizes for the difference between the top and bottom quarters of the PISA index of economic, social and cultural status (ESCS) for environmental science attitude indices .....	96
Table A3.10	Effect sizes for the difference between students with an immigrant background and native students for environmental science attitude indices.....	97
Table A3.11	Correlation between performance, attitudes and socio-economic background indices.....	98
Table A3.12	Relationship between student and school background factors and the environmental science performance index.....	98
Table A3.13	Relationship between student and school demographic and socio-economic background factors and the environmental science performance index, by country .....	99
Table A3.14	Relationship between students' attitudes towards environmental issues and the environmental science performance index, by country .....	101
<hr/>		
Table A4.1	Placement of environmental topics in the school curriculum .....	102
Table A4.2	Relationship between curriculum placement of environmental issues and environmental science performance, by country.....	103
Table A4.3	Outside classroom learning activities for environmental science.....	104
Table A4.4	Relationship between school activities for learning of environmental topics and environmental science performance, by country .....	105
Table A4.5	Main sources for students to learn about environmental issues.....	107
Table A4.6	Relationship between sources of students' knowledge about the extinction of plants and animals and the environmental science performance index, by country .....	113



**From:**

## **Green at Fifteen?**

How 15-Year-Olds Perform in Environmental Science and Geoscience in PISA 2006

**Access the complete publication at:**

<https://doi.org/10.1787/9789264063600-en>

### **Please cite this chapter as:**

OECD (2009), "Appendix A: Data Tables", in *Green at Fifteen?: How 15-Year-Olds Perform in Environmental Science and Geoscience in PISA 2006*, OECD Publishing, Paris.

DOI: <https://doi.org/10.1787/9789264063600-9-en>

This document, as well as any data and map included herein, are without prejudice to the status of or sovereignty over any territory, to the delimitation of international frontiers and boundaries and to the name of any territory, city or area. Extracts from publications may be subject to additional disclaimers, which are set out in the complete version of the publication, available at the link provided.

The use of this work, whether digital or print, is governed by the Terms and Conditions to be found at <http://www.oecd.org/termsandconditions>.