

Statistical Annex

Part I. ANNEX A

A.1. Economic assumptions	251
A.2. World prices	254
A.3.1. World trade projections, imports	257
A.3.2. World trade projections, exports	259
A.4.1. Biofuel projections: Ethanol	261
A.4.2. Biofuel projections: Biodiesel	262
A.5. Main policy assumptions for biofuel markets	263
A.6. World cereal projections	265
A.7.1. Wheat projections: Production and trade	267
A.7.2. Wheat projections: Consumption, food use, per capita	268
A.8.1. Coarse grain projections: Production and trade	269
A.8.2. Coarse grain projections: Consumption, feed use, per capita	270
A.9.1. Rice projections: Production and trade	271
A.9.2. Rice projections: Consumption, per capita	272
A.10. Main policy assumptions for cereal markets	273
A.11. World oilseed projections	275
A.12.1. Oilseed projections: Production and trade	277
A.12.2. Oilseed projections: Consumption, domestic crush	278
A.13.1. Protein meal projections: Production and trade	279
A.13.2. Protein meal projections: Consumption	280
A.14.1. Vegetable oil projections: Production and trade	281
A.14.2. Vegetable oil projections: Consumption, per capita food use	282
A.15. Main policy assumptions for oilseed markets	283
A.16. World sugar projections	285
A.17.1. Sugar projections: Production and trade	286
A.17.2. Sugar projections: Consumption, per capita	287
A.18. Main policy assumptions for sugar markets	288
A.19. World meat projections	289
A.20.1. Beef and veal projections: Production and trade	290
A.20.2. Beef and veal projections: Consumption, per capita	291
A.21.1. Pigmear projections: Production and trade	292
A.21.2. Pigmear projections: Consumption, per capita	293
A.22.1. Poultry meat projections: Production and trade	294
A.22.2. Poultry meat projections: Consumption, per capita	295
A.23.1. Sheep meat projections: Production and trade	296
A.23.2. Sheep meat projections: Consumption, per capita	297
A.24. Main policy assumptions for meat markets	298
A.25. World fish and seafood projections	300
A.26.1. Fish and seafood projections: Production and trade	302
A.26.2. Fish and seafood projections: Reduction, food use, per capita	303

A.27.1. World dairy projections: Butter and cheese	304
A.27.2. World dairy projections: Powders and casein	305
A.28.1. Butter projections: Production and trade	306
A.28.2. Butter projections: Consumption, per capita	307
A.29.1. Cheese projections: Production and trade	308
A.29.2. Cheese projections: Consumption, per capita	309
A.30.1. Skim milk powder projections: Production and trade	310
A.30.2. Skim milk powder projections: Consumption, per capita	311
A.31.1. Whole milk powder projections: Production and trade	312
A.31.2. Whole milk powder projections: Consumption, per capita	313
A.32. Fresh dairy products projections: Production and consumption per capita . . .	314
A.33. Milk projections: Production, inventories, yield	315
A.34. Whey powder and casein projections.	316
A.35. Main policy assumptions for dairy markets	317
A.36. World cotton projections	319
A.37.1. Cotton projections: Production and trade	320
A.37.2. Cotton projections: Consumption	321
A.38. Main policy assumptions for cotton markets	322

Part II. ANNEX B

B.1. Information on food price changes	323
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Table A.1. Economic assumptions

Calendar year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
REAL GDP¹												
Australia	%	2.9	2.6	3.1	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
Canada	%	2.0	2.3	2.6	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2
Chile	%	5.2	4.5	4.9	4.8	4.6	4.3	4.1	4.0	3.8	3.6	3.4
European Union	%	0.3	1.3	1.9	1.7	1.8	1.7	1.7	1.7	1.8	1.7	1.7
Japan	%	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.8	0.9	0.9	1.1
Korea	%	2.8	3.8	4.0	5.5	5.0	4.7	4.4	4.2	4.0	3.8	3.6
Mexico	%	2.9	3.8	4.2	3.2	3.4	3.5	3.5	3.6	3.6	3.6	3.6
New Zealand	%	2.5	2.6	3.4	2.5	2.4	3.1	2.3	2.2	2.9	2.1	2.6
Norway	%	1.8	2.8	3.1	3.6	3.4	3.3	3.1	3.0	2.8	2.7	2.5
Switzerland	%	1.6	2.2	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.3	2.2
Turkey	%	4.9	3.7	4.3	6.2	5.8	5.5	5.2	4.9	4.7	4.5	4.5
United States	%	2.1	2.9	3.4	2.7	2.5	2.4	2.3	2.2	2.2	2.1	2.1
Algeria	%	3.0	3.7	3.7	3.6	3.8	3.8	3.7	3.7	3.7	3.7	3.7
Argentina	%	5.7	3.0	1.8	2.5	2.7	2.9	2.9	3.0	3.0	3.0	3.0
Bangladesh	%	6.1	6.0	6.5	6.8	7.0	7.0	6.7	6.7	6.7	6.7	6.7
Brazil	%	2.0	2.2	2.5	4.2	4.0	3.9	3.8	3.7	3.7	3.6	3.6
China	%	8.2	8.2	7.5	8.2	7.8	7.5	7.1	6.8	6.4	6.0	5.7
Egypt	%	1.9	2.8	4.0	4.2	4.1	4.0	3.8	3.8	3.8	3.8	3.8
India	%	4.5	5.1	6.3	6.5	6.7	6.7	6.3	6.3	6.3	6.3	6.3
Indonesia	%	6.0	5.5	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.9
Iran	%	-0.1	1.3	2.0	2.2	2.2	2.4	2.0	2.0	2.0	2.0	2.0
Malaysia	%	5.2	4.9	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1
Pakistan	%	3.9	2.5	3.5	3.7	4.5	5.0	3.8	3.8	3.8	3.8	3.8
Russian Federation	%	3.1	2.3	2.9	3.8	3.5	3.3	3.1	3.0	2.9	2.8	2.8
Saudi Arabia	%	5.8	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
South Africa	%	2.7	2.9	3.3	3.4	3.5	3.5	3.3	3.3	3.3	3.3	3.3
Ukraine	%	1.9	1.5	1.5	1.6	1.8	2.0	1.7	1.7	1.7	1.7	1.7
Uruguay	%	4.7	3.3	3.1	3.3	3.7	3.9	3.5	3.5	3.5	3.5	3.5
OECD ^{2,3}	%	1.5	2.2	2.6	2.4	2.3	2.2	2.2	2.3	2.1	2.1	2.1
PCE DEFLATOR¹												
Australia	%	2.2	2.1	1.9	2.7	2.7	2.8	2.8	2.8	2.7	2.7	2.7
Canada	%	1.5	1.1	1.4	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
Chile	%	3.5	3.0	3.6	2.8	2.7	3.3	3.2	2.5	3.0	3.6	2.7
European Union	%	2.4	1.6	1.5	1.9	2.0	1.9	1.9	1.9	2.0	1.9	1.9
Japan	%	-0.6	2.0	1.8	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
Korea	%	2.3	1.9	2.7	2.5	2.7	2.8	2.9	3.0	3.0	3.0	3.0
Mexico	%	3.8	3.5	4.1	3.9	3.1	3.7	3.5	4.0	3.3	3.2	3.1
New Zealand	%	1.4	1.4	1.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Norway	%	1.4	2.3	2.2	3.3	3.2	3.2	3.2	3.2	2.9	2.9	2.9
Switzerland	%	-0.5	0.1	0.3	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0
Turkey	%	8.3	6.3	5.6	4.4	4.6	4.8	4.9	4.9	5.0	5.0	5.0
United States	%	1.8	1.6	1.8	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0
Algeria	%	6.1	4.5	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1
Argentina	%	19.3	26.1	9.1	5.3	4.2	4.3	4.1	4.0	4.3	3.9	4.1
Bangladesh	%	9.0	6.5	6.0	5.6	5.5	5.5	5.9	5.9	5.9	5.9	5.9
Brazil	%	6.8	6.0	6.0	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.6
China	%	3.5	2.4	2.4	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Egypt	%	8.9	10.3	10.7	11.1	11.8	12.3	11.3	11.3	11.3	11.3	11.3
India	%	9.9	8.9	7.5	7.0	6.8	6.7	7.4	7.4	7.4	7.4	7.4
Indonesia	%	5.6	7.5	5.8	5.2	4.7	4.5	5.5	5.5	5.5	5.5	5.5
Iran	%	2.2	1.5	1.8	1.9	2.1	2.2	1.9	1.9	1.9	1.9	1.9
Malaysia	%	2.3	2.6	2.6	2.4	2.2	2.2	2.4	2.4	2.4	2.4	2.4
Pakistan	%	10.7	7.9	9.0	7.0	6.0	6.0	7.2	7.2	7.2	7.2	7.2
Russian Federation	%	6.7	5.7	4.5	3.7	3.8	3.9	3.9	4.0	4.0	4.0	4.0
Saudi Arabia	%	3.5	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
South Africa	%	5.5	5.5	5.1	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1
Ukraine	%	2.8	1.9	3.3	3.9	4.0	4.0	3.4	3.4	3.4	3.4	3.4
Uruguay	%	8.2	8.6	8.1	7.8	7.4	7.0	7.8	7.8	7.8	7.8	7.8
OECD ^{2,3}	%	2.1	1.9	2.0	2.1	2.2	2.2	2.2	2.3	2.2	2.2	2.2

Table A.1. Economic assumptions (cont.)

Calendar year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
GDP DEFLATOR¹												
Australia	%	1.4	1.5	2.4	2.7	2.7	2.8	2.8	2.8	2.7	2.7	2.7
Canada	%	1.8	1.7	1.7	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.2
Chile	%	2.2	2.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
European Union	%	1.5	1.4	1.5	1.8	1.9	1.8	1.8	1.9	1.8	1.8	1.8
Japan	%	-1.1	1.2	1.3	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
Korea	%	1.5	0.9	1.7	2.5	2.4	3.2	3.1	3.0	2.9	2.8	2.9
Mexico	%	3.5	3.8	3.8	3.7	3.6	3.6	3.6	3.6	3.3	3.2	3.2
New Zealand	%	1.4	2.2	1.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Norway	%	3.8	2.5	2.6	3.3	3.2	3.2	3.2	3.2	2.9	2.9	2.9
Switzerland	%	0.2	0.6	0.8	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0
Turkey	%	7.1	6.0	5.5	4.4	4.6	4.8	5.0	5.0	4.8	4.9	5.0
United States	%	1.7	1.8	2.0	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0
Algeria	%	9.8	3.4	2.5	2.4	3.3	1.7	2.7	2.7	2.7	2.7	2.7
Argentina	%	17.7	22.8	17.8	5.3	4.4	4.2	4.1	4.1	4.1	4.1	4.0
Bangladesh	%	7.5	6.9	6.3	5.8	5.6	5.6	6.0	6.0	6.0	6.0	6.0
Brazil	%	6.0	5.8	5.8	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.6
China	%	3.5	1.2	1.8	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Egypt	%	9.9	10.8	11.0	11.2	11.7	12.3	11.4	11.4	11.4	11.4	11.4
India	%	8.1	7.3	6.4	6.4	5.6	5.4	6.2	6.2	6.2	6.2	6.2
Indonesia	%	5.8	5.6	5.7	5.2	4.7	5.0	5.3	5.3	5.3	5.3	5.3
Iran	%	1.7	1.8	2.0	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0
Malaysia	%	2.3	2.5	3.1	2.8	2.6	2.6	2.7	2.7	2.7	2.7	2.7
Pakistan	%	11.3	7.9	9.0	7.0	6.0	6.0	7.2	7.2	7.2	7.2	7.2
Russian Federation	%	10.1	5.4	4.7	3.7	3.8	3.9	3.9	4.0	4.0	4.0	4.0
Saudi Arabia	%	5.2	-0.4	-1.0	-0.6	0.0	0.3	-0.4	-0.4	-0.4	-0.4	-0.4
South Africa	%	6.1	6.1	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.3
Ukraine	%	7.8	2.5	4.8	5.3	5.5	5.5	4.7	4.7	4.7	4.7	4.7
Uruguay	%	8.6	8.2	8.4	7.8	7.7	7.4	7.9	7.9	7.9	7.9	7.9
OECD ³	%	1.6	1.8	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2
WORLD INPUT PRICES												
Brent crude oil ⁴	USD/barrel	110.6	113.1	118.1	121.4	124.7	128.1	131.6	135.2	139.0	143.0	147.1
Fertiliser ⁵	USD/t	424.3	325.1	326.5	327.7	353.8	358.8	361.7	362.4	359.7	362.1	361.8
EXCHANGE RATES												
Australia	AUD/USD	0.99	1.04	1.07	1.10	1.14	1.17	1.20	1.23	1.26	1.28	1.31
Canada	CAD/USD	1.01	1.05	1.06	1.08	1.10	1.11	1.13	1.14	1.15	1.16	1.18
Chile	CLP/USD	487.18	505.95	509.78	513.14	516.07	518.74	521.24	523.67	526.06	528.44	530.85
European Union	EUR/USD	0.75	0.72	0.73	0.73	0.74	0.74	0.74	0.75	0.75	0.76	0.76
Japan	JPY/USD	85.44	97.02	97.97	98.98	99.88	100.68	101.41	102.08	102.71	103.32	103.89
Korea	'000 KRW/USD	1.11	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
Mexico	MXN/USD	12.78	12.88	13.07	13.24	13.39	13.53	13.67	13.81	13.91	14.00	14.09
New Zealand	NZD/USD	1.24	1.21	1.23	1.26	1.28	1.30	1.32	1.34	1.36	1.38	1.39
Algeria	DZD/USD	76.95	84.86	89.70	93.28	97.69	97.70	101.58	105.61	109.80	114.15	118.68
Argentina	ARS/USD	4.70	5.88	6.35	6.62	6.84	7.04	7.23	7.42	7.62	7.81	8.00
Bangladesh	BDT/USD	77.85	79.03	81.49	83.82	86.15	88.56	90.64	92.78	94.96	97.19	99.47
Brazil	BRL/USD	1.92	2.18	2.30	2.41	2.52	2.63	2.74	2.85	2.97	3.09	3.21
China	CNY/USD	6.31	6.08	6.23	6.38	6.53	6.67	6.81	6.95	7.08	7.21	7.34
Egypt	EGP/USD	6.10	7.02	7.24	7.52	8.06	8.57	9.06	9.58	10.13	10.71	11.33
India	INR/USD	55.38	72.32	75.08	77.83	80.08	82.77	87.19	91.85	96.75	101.92	107.36
Indonesia	'000 IDR/USD	9.55	11.74	12.06	12.30	12.62	12.92	13.47	14.04	14.63	15.26	15.90
Malaysia	MYR/USD	3.11	3.29	3.29	3.29	3.29	3.29	3.31	3.34	3.36	3.38	3.41
Pakistan	PKR/USD	90.49	110.26	120.97	126.92	131.58	134.92	144.17	154.05	164.60	175.88	187.94
Russian Federation	RUB/USD	30.70	31.80	32.10	32.40	32.60	32.90	33.20	33.50	33.80	34.20	34.53
Saudi Arabia	SAR/USD	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75
South Africa	ZAR/USD	8.39	10.10	10.51	10.93	11.38	11.84	12.32	12.82	13.34	13.88	14.45
Ukraine	UAH/USD	8.03	8.15	8.15	8.15	8.15	8.15	8.15	8.16	8.16	8.16	8.17
Uruguay	UYU/USD	19.89	21.37	22.66	23.94	25.17	26.34	27.82	29.39	31.04	32.79	34.63

Table A.1. Economic assumptions (cont.)

Calendar year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
POPULATION¹												
Australia	%	1.3	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1
Canada	%	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8
Chile	%	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
European Union	%	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Japan	%	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3
Korea	%	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
Mexico	%	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.9
New Zealand	%	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8
Norway	%	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8
Switzerland	%	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Turkey	%	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9
United States	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
Algeria	%	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.2
Argentina	%	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7
Bangladesh	%	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0
Brazil	%	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
China	%	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.2
Egypt	%	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3
India	%	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0
Indonesia	%	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9
Iran	%	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0	0.9
Malaysia	%	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3
Pakistan	%	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4
Russian Federation	%	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.4	-0.4	-0.4
Saudi Arabia	%	1.9	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.2	1.1
South Africa	%	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Ukraine	%	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.8
Uruguay	%	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
OECD ³	%	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
World	%	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.9

Note: For OECD member countries, as well as Brazil, China and Russia, historical data for real GDP, private consumption expenditure deflator and GDP deflator were obtained from the OECD Economic Outlook No. 94, November 2013. For other economies, historical macroeconomic data were obtained from the IMF, World Economic Outlook, October 2013. Assumptions for the projection period draw on the recent short term update of the OECD Economics Department, projections of the OECD Economic Outlook No. 93, projections of the IMF, and for population, projections from the United Nations World Population Prospects Database, 2012 Revision (medium variant). Data for the European Union are euro area aggregates except for population.

Average 2011-13est and 2013est: Data for 2013 are estimated.

1. Annual per cent change. The price index used is the private consumption expenditure deflator.
2. Annual weighted average real GDP and CPI growth rates in OECD countries are based on weights using purchasing power parities (PPPs).
3. Excludes Iceland.
4. Short term update for crude oil price from the OECD Economic Outlook No.94, November 2013 and projections from IEA World Energy Outlook 2013.
5. World Bank. Data for 2013 are estimated, projections by OECD and FAO Secretariats.

Source: OECD and FAO Secretariats.

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Table A.2. World prices

Nominal price

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
CEREALS												
Wheat ¹	USD/t	302.9	283.8	268.4	266.8	267.7	276.0	278.7	277.8	274.9	271.0	269.4
Coarse Grains ²	USD/t	262.0	195.0	197.9	222.2	228.6	234.0	230.6	226.0	226.2	224.9	225.2
Rice ³	USD/t	442.5	381.9	356.6	395.2	400.1	407.8	409.7	412.3	409.1	401.0	390.8
Distiller's dry grains ⁴	USD/t	231.0	201.4	198.2	211.6	212.8	215.0	213.3	211.8	213.0	213.7	213.2
OILSEEDS												
Oilseeds ⁵	USD/t	567.3	511.7	493.4	494.2	507.1	518.3	518.6	519.4	521.2	523.4	522.0
Protein meals ⁶	USD/t	466.3	430.3	408.4	408.8	400.1	400.2	398.5	399.8	402.9	404.3	403.8
Vegetable oils ⁷	USD/t	1 036.0	900.1	918.8	937.2	953.8	981.5	991.2	1 010.3	1 018.1	1 030.1	1 042.0
SWEETENERS												
Raw sugar ⁸	USD/t rse	422.7	374.1	395.3	420.3	393.2	368.3	363.2	372.6	382.9	416.1	430.7
Refined sugar ⁹	USD/t rse	529.1	479.2	490.2	514.0	497.1	466.1	456.5	465.4	474.3	501.5	518.6
HFCs ¹⁰	USD/t	565.7	440.9	449.3	476.1	484.0	493.9	501.9	508.4	517.2	526.4	522.9
Molasses ¹¹	USD/t	171.2	177.9	181.7	189.7	180.5	171.2	167.5	165.9	166.0	170.3	168.8
MEAT												
Beef and veal												
Price, EU ¹²	USD/t dw	4 961.6	5 411.7	5 606.1	5 562.5	5 593.2	5 168.0	5 296.7	5 339.2	5 325.4	5 283.6	5 236.1
Price, United States ¹³	USD/t dw	4 308.3	4 644.2	4 776.4	4 817.7	4 809.2	4 534.5	4 602.7	4 685.8	4 693.2	4 753.7	4 836.5
Price, Brazil ¹⁴	USD/t pw	3 243.7	2 849.3	2 975.1	3 105.5	3 173.1	2 895.7	2 900.7	2 926.1	2 952.6	2 933.9	2 900.7
Pigmeat												
Price, EU ¹⁵	USD/t dw	2 221.3	2 500.2	2 428.0	2 435.1	2 599.6	2 509.9	2 650.6	2 747.3	2 791.7	2 736.1	2 665.8
Price, United States ¹⁶	USD/t dw	1 949.9	1 906.3	1 953.8	1 869.3	1 768.6	1 904.2	2 108.8	2 183.9	2 032.4	1 935.4	1 981.9
Price, Brazil ¹⁷	USD/t dw	1 566.9	1 669.5	1 516.4	1 600.2	1 617.7	1 613.7	1 705.6	1 757.7	1 675.7	1 757.7	1 732.6
Poultry meat												
Price, EU ¹⁸	USD/t rtc	2 609.0	2 489.3	2 348.0	2 398.5	2 470.1	2 508.2	2 517.5	2 510.9	2 505.1	2 483.0	2 461.5
Price, United States ¹⁹	USD/t rtc	1 203.2	1 237.7	1 114.2	1 150.9	1 213.9	1 257.3	1 269.5	1 270.3	1 266.7	1 267.2	1 270.6
Price, Brazil ²⁰	USD/t rtc	1 465.3	1 474.1	1 332.8	1 383.4	1 458.7	1 511.4	1 528.2	1 533.9	1 535.3	1 542.0	1 550.2
Sheep meat												
Price, New Zealand ²¹	USD/t dw	4 663.7	4 166.8	4 215.5	4 264.8	4 415.6	4 385.6	4 404.8	4 545.6	4 604.2	4 754.6	4 740.8
FISH AND SEAFOOD												
Product traded ²²	USD/t	2 810.2	2 791.7	2 867.8	2 903.3	2 925.7	3 025.9	3 044.7	3 208.6	3 212.2	3 367.0	3 368.1
Aquaculture ²³	USD/t	2 118.6	2 149.9	2 177.7	2 171.4	2 239.2	2 217.9	2 222.9	2 335.5	2 356.6	2 468.0	2 484.1
Capture ²⁴	USD/t	1 455.3	1 498.5	1 552.8	1 593.9	1 632.5	1 695.2	1 733.6	1 817.9	1 850.8	1 932.6	1 967.3
Meal ²⁵	USD/t	1 614.1	1 674.3	1 691.1	1 481.8	1 489.1	1 495.2	1 524.6	1 610.1	1 560.8	1 591.1	1 616.1
Oil ²⁶	USD/t	1 821.2	1 843.2	1 947.4	1 844.1	1 879.5	1 925.2	1 974.4	2 153.9	2 034.1	2 051.7	2 072.4
DAIRY PRODUCTS												
Butter ²⁷	USD/t	3 939.1	3 686.1	3 538.1	3 551.0	3 581.1	3 569.2	3 593.3	3 644.0	3 629.5	3 680.7	3 695.0
Cheese ²⁸	USD/t	4 174.5	4 151.6	4 130.8	4 222.9	4 314.4	4 377.3	4 466.8	4 566.1	4 633.4	4 755.7	4 851.4
Skim milk powder ²⁹	USD/t	3 740.4	3 864.6	3 706.0	3 701.8	3 731.7	3 758.3	3 815.7	3 828.8	3 799.5	3 787.6	3 806.3
Whole milk powder ³⁰	USD/t	3 936.6	4 389.9	4 158.9	4 178.3	4 188.8	4 214.1	4 253.8	4 274.5	4 267.9	4 279.7	4 292.7
Whey powder ³¹	USD/t	1 240.9	1 236.0	1 209.3	1 240.5	1 257.4	1 248.9	1 243.5	1 233.6	1 188.8	1 196.4	1 204.4
Casein ³²	USD/t	8 735.0	8 882.8	8 829.2	8 808.0	8 899.2	8 923.1	9 043.6	9 120.5	9 088.7	9 127.0	9 216.0
BIOFUEL												
Ethanol ³³	USD/hl	70.9	63.6	66.1	69.9	70.5	73.9	75.5	76.0	77.9	78.9	82.1
Biodiesel ³⁴	USD/hl	120.7	112.2	111.3	119.0	123.8	122.9	119.4	121.8	122.5	125.3	128.7
COTTON												
Cotton ³⁵	USD/t	2 005.4	1 681.9	1 641.3	1 607.1	1 744.9	1 747.0	1 803.1	1 913.7	2 000.6	2 084.1	2 131.2

Table A.2. World prices (cont.)

Real price

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
CEREALS												
Wheat ¹	USD/t	265.6	240.7	223.1	217.9	214.5	216.9	214.7	209.7	203.4	196.5	191.4
Coarse Grains ²	USD/t	230.1	165.5	164.5	181.4	183.1	183.8	177.6	170.6	167.3	163.1	160.0
Rice ³	USD/t	388.6	324.0	296.5	322.6	320.6	320.4	315.6	311.2	302.7	290.8	277.7
Distiller's dry grains ⁴	USD/t	202.6	170.8	164.8	172.8	170.5	168.9	164.3	159.9	157.6	154.9	151.5
OILSEEDS												
Oilseeds ⁵	USD/t	497.6	434.0	410.1	403.5	406.3	407.2	399.4	392.1	385.6	379.5	370.9
Protein meals ⁶	USD/t	408.6	365.0	339.5	333.8	320.5	314.4	306.9	301.8	298.1	293.2	287.0
Vegetable oils ⁷	USD/t	909.6	763.5	763.8	765.2	764.2	771.2	763.4	762.6	753.2	746.9	740.5
SWEETENERS												
Raw sugar ⁸	USD/t rse	371.3	317.3	328.6	343.2	315.0	289.4	279.7	281.2	283.3	301.7	306.1
Refined sugar ⁹	USD/t rse	464.6	406.5	407.5	419.7	398.3	366.2	351.6	351.3	350.9	363.6	368.5
HFCS ¹⁰	USD/t	496.7	374.0	373.5	388.7	387.8	388.0	386.6	383.8	382.6	381.7	371.6
Molasses ¹¹	USD/t	150.1	150.9	151.0	154.9	144.6	134.5	129.0	125.2	122.8	123.5	120.0
MEAT												
Beef and veal												
Price, EU ¹²	USD/t dw	4 350.0	4 590.6	4 660.3	4 541.8	4 481.3	4 060.5	4 079.6	4 030.4	3 939.9	3 831.1	3 720.9
Price, United States ¹³	USD/t dw	3 776.0	3 939.4	3 970.6	3 933.6	3 853.2	3 562.8	3 545.0	3 537.1	3 472.3	3 446.9	3 437.0
Price, Brazil ¹⁴	USD/t pw	2 848.1	2 417.0	2 473.2	2 535.7	2 542.3	2 275.1	2 234.1	2 208.8	2 184.4	2 127.3	2 061.3
Pigmeat												
Price, EU ¹⁵	USD/t dw	1 946.8	2 120.8	2 018.4	1 988.2	2 082.8	1 972.0	2 041.5	2 073.8	2 065.4	1 984.0	1 894.4
Price, United States ¹⁶	USD/t dw	1 710.1	1 617.0	1 624.1	1 526.3	1 417.0	1 496.2	1 624.2	1 648.5	1 503.7	1 403.4	1 408.4
Price, Brazil ¹⁷	USD/t dw	1 372.2	1 416.2	1 260.5	1 306.6	1 296.1	1 267.8	1 313.6	1 326.8	1 239.8	1 274.5	1 231.2
Poultry meat												
Price, EU ¹⁸	USD/t rtc	2 287.8	2 111.5	1 951.9	1 958.4	1 979.0	1 970.7	1 939.0	1 895.3	1 853.3	1 800.4	1 749.2
Price, United States ¹⁹	USD/t rtc	1 053.9	1 049.9	926.2	939.7	972.6	987.8	977.8	958.9	937.2	918.8	902.9
Price, Brazil ²⁰	USD/t rtc	1 283.2	1 250.4	1 107.9	1 129.5	1 168.7	1 187.5	1 177.0	1 157.9	1 135.9	1 118.1	1 101.6
Sheep meat												
Price, New Zealand ²¹	USD/t dw	4 094.1	3 534.5	3 504.3	3 482.2	3 537.8	3 445.8	3 392.6	3 431.3	3 406.4	3 447.5	3 368.9
FISH AND SEAFOOD												
Product traded ²²	USD/t	2 810.2	2 368.0	2 384.0	2 370.6	2 344.1	2 377.5	2 345.1	2 422.0	2 376.5	2 441.4	2 393.4
Aquaculture ²³	USD/t	2 118.6	1 823.7	1 810.3	1 773.0	1 794.1	1 742.6	1 712.1	1 763.0	1 743.5	1 789.5	1 765.3
Capture ²⁴	USD/t	1 455.3	1 271.1	1 290.8	1 301.4	1 308.0	1 331.9	1 335.2	1 372.3	1 369.3	1 401.3	1 398.1
Meal ²⁵	USD/t	1 614.1	1 420.3	1 405.8	1 209.9	1 193.1	1 174.8	1 174.3	1 215.4	1 154.7	1 153.7	1 148.4
Oil ²⁶	USD/t	1 821.2	1 563.5	1 618.9	1 505.7	1 505.9	1 512.6	1 520.7	1 625.9	1 504.9	1 487.7	1 472.7
DAIRY PRODUCTS												
Butter ²⁷	USD/t	3 456.6	3 126.8	2 941.2	2 899.4	2 869.2	2 804.3	2 767.6	2 750.7	2 685.3	2 668.9	2 625.8
Cheese ²⁸	USD/t	3 660.4	3 521.6	3 433.9	3 448.0	3 456.7	3 439.3	3 440.3	3 446.7	3 428.0	3 448.4	3 447.6
Skim milk powder ²⁹	USD/t	3 276.6	3 278.1	3 080.8	3 022.5	2 989.9	2 952.9	2 938.9	2 890.2	2 811.0	2 746.4	2 704.8
Whole milk powder ³⁰	USD/t	3 448.4	3 723.8	3 457.2	3 411.6	3 356.1	3 311.0	3 276.3	3 226.6	3 157.6	3 103.2	3 050.5
Whey powder ³¹	USD/t	1 087.0	1 048.4	1 005.3	1 012.9	1 007.4	981.2	957.7	931.2	879.5	867.5	855.9
Casein ³²	USD/t	7 661.7	7 534.9	7 339.7	7 191.7	7 130.1	7 010.9	6 965.4	6 884.7	6 724.2	6 618.0	6 549.2
BIOFUEL												
Ethanol ³³	USD/hl	62.3	54.0	54.9	57.1	56.5	58.0	58.2	57.4	57.6	57.2	58.4
Biodiesel ³⁴	USD/hl	105.9	95.2	92.5	97.1	99.2	96.6	92.0	91.9	90.7	90.9	91.5
COTTON												
Cotton ³⁵	USD/t	1 760.1	1 426.7	1 364.4	1 312.2	1 398.0	1 372.7	1 388.7	1 444.5	1 480.1	1 511.2	1 514.5

Note: This table is a compilation of price information presented in the detailed commodity tables further in this annex. Prices for crops are on marketing year basis and those for meat and dairy products on calendar year basis. See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

1. No.2 hard red winter wheat, ordinary protein, United States f.o.b. Gulf Ports (June/May), less EEP payments where applicable.
2. No.2 yellow corn, United States f.o.b. Gulf Ports (September/August).
3. Milled 5% broken, f.o.b. Ho Chi Minh (January/December).
4. Wholesale price, Central Illinois.
5. Weighted average oilseed price, European port.
6. Weighted average meal price, European port.
7. Weighted average price of oilseed oils and palm oil, European port.
8. Raw sugar world price, ICE contract No11 nearby, October/September.
9. Refined sugar price, Euronext, Liffe, Contract No. 407 London, Europe, October/September.
10. United States wholesale list price HFCS-55, October/September.
11. Unit import price, Europe (October/September).
12. EU average beef producer price.
13. Choice steers, 1100-1300 lb lw, Nebraska - lw to dw conversion factor 0.63.
14. Brazil average beef producer price.
15. EU average pigmeat producer price.
16. Barrows and gilts, No. 1-3, 230-250 lb lw, Iowa/South Minnesota - lw to dw conversion factor 0.74.
17. Brazil average pigmeat producer price.
18. EU average producer price.
19. Wholesale weighted average broiler price 12 cities.
20. Brazil average chicken for slaughter producer price.
21. Lamb schedule price, all grade average.
22. World unit value of trade (sum of exports and imports).
23. World unit value of aquaculture fisheries production (live weight basis).
24. FAO estimated value of world ex-vessel value of capture fisheries production excluding for reduction.
25. Fishmeal, 64-65% protein, Hamburg, Germany.
26. Fish oil any origin, N.W. Europe.
27. F.o.b. export price, butter, 82% butterfat, Oceania.
28. F.o.b. export price, cheddar cheese, 39% moisture, Oceania.
29. F.o.b. export price, non-fat dry milk, 1.25% butterfat, Oceania.
30. F.o.b. export price, WMP 26% butterfat, Oceania.
31. Dry whey, Wholesale price, West region, United States.
32. Export price, New Zealand.
33. Brazil, Sao Paulo (ex-distillery).
34. Producer price Germany net of biodiesel tariff.
35. Cotlook A index, Middling 1 3/32", c.f.r. far Eastern ports (August/July).

Source: OECD and FAO Secretariats.


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Table A.3.1. World trade projections, imports (cont.)

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Cheese												
World Trade	kt	2 145	2 183	2 216	2 273	2 342	2 404	2 462	2 531	2 611	2 683	2 732
OECD ¹	kt	822	849	833	841	852	869	877	885	889	900	911
Developing countries	kt	1 042	1 057	1 103	1 165	1 218	1 256	1 297	1 365	1 446	1 515	1 558
Least Developed Countries	kt	34	45	56	61	65	75	87	103	113	119	120
Whole milk powder												
World Trade	kt	2 210	2 383	2 432	2 451	2 487	2 536	2 583	2 624	2 673	2 715	2 762
OECD ¹	kt	80	70	74	76	78	75	74	72	70	68	67
Developing countries	kt	2 157	2 327	2 375	2 393	2 428	2 473	2 517	2 557	2 605	2 646	2 692
Least Developed Countries	kt	185	198	204	209	213	219	224	228	233	239	244
Skim milk powder												
World Trade	kt	1 808	1 926	1 982	2 028	2 076	2 137	2 189	2 241	2 297	2 351	2 401
OECD ¹	kt	314	312	323	334	340	348	355	365	375	383	392
Developing countries	kt	1 670	1 748	1 801	1 844	1 888	1 946	1 994	2 042	2 095	2 146	2 195
Least Developed Countries	kt	88	93	98	101	103	107	110	113	117	121	124
Cotton												
World Trade	kt	9 271	7 692	8 011	8 395	8 790	8 888	9 169	9 477	9 900	10 366	10 800
OECD ¹	kt	1 416	1 743	1 828	1 761	1 936	1 878	1 894	1 924	1 948	1 981	2 007
Developing countries	kt	8 894	7 313	7 606	7 943	8 335	8 435	8 717	9 033	9 458	9 923	10 343
Least Developed Countries	kt	709	946	926	988	1 184	1 085	1 153	1 196	1 242	1 286	1 330

Note: The values do not add up to world trade due to double counting of certain countries and statistical differences (i.e. LDC are already included in the Developing countries aggregate).

Average 2011-13est: Data for 2013 are estimated.

1. Excludes Iceland but includes all EU28 member countries.
2. Excludes trade of live animals.

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933101366>

Table A.3.2. World trade projections, exports

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Wheat												
OECD ¹	kt	91 920	92 994	95 148	92 954	92 535	91 408	91 894	92 368	92 347	92 836	92 792
Developing countries	kt	20 437	20 476	19 597	20 002	20 320	21 191	22 131	23 027	23 827	24 066	24 350
Least Developed Countries	kt	54	61	56	53	51	49	47	43	40	37	34
Coarse grains												
OECD ¹	kt	52 922	55 865	67 563	57 430	57 527	59 769	62 444	66 048	67 919	70 859	72 098
Developing countries	kt	60 559	70 330	60 112	64 510	65 938	67 097	67 815	68 277	68 578	68 402	68 478
Least Developed Countries	kt	5 289	2 002	1 704	2 386	2 791	3 009	2 839	2 565	2 408	2 296	2 280
Rice												
OECD ¹	kt	3 941	3 982	4 125	4 245	4 343	4 398	4 423	4 472	4 514	4 565	4 526
Developing countries	kt	33 745	33 758	33 937	34 776	35 776	37 040	38 682	39 936	41 372	42 870	44 502
Least Developed Countries	kt	1 992	1 606	1 939	1 843	2 726	2 928	3 346	3 786	4 093	4 437	4 674
Oilseeds												
OECD ¹	kt	52 995	58 110	57 315	58 491	59 603	60 383	60 731	61 225	62 022	62 779	63 725
Developing countries	kt	57 276	61 127	63 418	63 867	63 444	63 878	64 737	65 879	66 444	67 210	67 995
Least Developed Countries	kt	100	87	77	75	80	86	101	117	133	146	163
Protein Meals												
OECD ¹	kt	14 725	14 384	14 176	14 121	14 371	14 315	14 290	14 516	14 750	14 959	15 382
Developing countries	kt	57 077	62 229	64 284	64 949	66 379	68 671	70 308	72 023	73 574	75 100	76 721
Least Developed Countries	kt	176	204	132	122	126	130	129	117	113	102	93
Vegetable Oils												
OECD ¹	kt	6 175	5 848	6 047	6 339	6 378	6 435	6 501	6 560	6 675	6 841	6 972
Developing countries	kt	56 355	60 386	62 197	63 526	64 974	66 434	67 780	69 309	70 650	71 966	73 202
Least Developed Countries	kt	225	223	221	218	216	214	211	209	207	204	202
Sugar												
OECD ¹	kt	7 577	7 954	8 563	8 192	7 241	7 142	7 287	7 587	7 948	8 489	8 934
Developing countries	kt	49 612	50 145	51 209	52 762	52 728	52 943	54 091	55 271	56 266	58 253	59 268
Least Developed Countries	kt	1 514	1 540	1 794	1 967	1 562	1 765	1 947	2 128	2 317	2 437	2 729
Beet²												
OECD ¹	kt	3 885	3 628	3 694	3 741	3 804	3 861	3 966	4 023	4 082	4 129	4 179
Developing countries	kt	4 269	4 838	4 990	5 064	5 202	5 356	5 571	5 739	5 883	6 017	6 183
Least Developed Countries	kt	6	3	3	2	2	2	2	2	3	3	3
Pigmeat²												
OECD ¹	kt	6 007	5 902	5 990	6 121	6 307	6 430	6 548	6 634	6 765	6 859	6 963
Developing countries	kt	1 127	1 092	1 072	1 128	1 137	1 179	1 262	1 315	1 320	1 377	1 380
Least Developed Countries	kt	0	0	0	0	0	0	0	0	0	0	0
Poultry												
OECD ¹	kt	5 653	5 878	6 078	6 351	6 403	6 500	6 589	6 745	6 955	7 166	7 338
Developing countries	kt	6 817	6 747	7 179	7 225	7 442	7 680	7 912	8 105	8 305	8 508	8 695
Least Developed Countries	kt	1	1	1	0	0	0	0	0	0	0	0
Fish												
OECD	kt	12 792	13 230	13 413	13 644	13 893	14 126	14 341	14 491	14 784	15 005	15 142
Developing countries	kt	25 329	26 364	26 923	27 399	27 657	28 349	28 950	29 297	29 897	30 258	30 745
Least Developed Countries	kt	1 425	1 453	1 513	1 478	1 461	1 450	1 429	1 458	1 445	1 463	1 454
Fishmeal												
OECD	kt	954	885	1 016	933	1 014	1 021	1 021	1 014	990	1 035	1 036
Developing countries	kt	2 133	2 137	1 868	2 160	2 120	2 138	2 129	1 887	2 061	1 985	2 034
Least Developed Countries	kt	76	74	74	74	74	74	74	74	74	74	74
Fish oil												
OECD	kt	411	399	434	436	447	455	455	460	445	467	468
Developing countries	kt	520	517	489	529	524	551	551	524	539	558	575
Least Developed Countries	kt	9	11	11	11	11	11	11	11	11	11	11
Butter												
OECD ¹	kt	670	714	703	710	717	725	736	741	752	753	760
Developing countries	kt	101	84	83	84	84	82	82	84	84	85	84
Least Developed Countries	kt	5	4	5	8	9	9	9	12	14	16	15
Cheese												
OECD ¹	kt	1 571	1 719	1 769	1 849	1 923	1 980	2 049	2 127	2 219	2 294	2 339
Developing countries	kt	604	505	493	470	456	449	441	429	422	422	422
Least Developed Countries	kt	0	0	0	0	0	0	0	0	0	0	0
Whole milk powder												
OECD ¹	kt	1 640	1 742	1 800	1 813	1 848	1 885	1 924	1 957	1 998	2 030	2 070
Developing countries	kt	551	607	597	601	603	614	622	630	638	648	656
Least Developed Countries	kt	10	6	6	6	6	6	6	6	6	6	5
Skim milk powder												
OECD ¹	kt	1 517	1 631	1 704	1 761	1 820	1 876	1 930	1 977	2 033	2 076	2 121
Developing countries	kt	187	211	196	188	177	179	176	181	184	195	199
Least Developed Countries	kt	5	2	2	2	2	2	2	2	2	2	2
Biofuel³												
Ethanol World Trade	Mn L	3 430	3 937	5 868	6 548	8 295	10 118	11 901	12 405	11 716	11 726	10 812
Biodiesel World Trade	Mn L	1 859	1 556	1 904	1 977	1 884	1 843	2 157	2 238	2 298	2 241	2 174

Table A.3.2. World trade projections, exports (cont.)

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Cotton												
OECD ¹	kt	4 092	3 176	3 384	3 305	3 440	3 343	3 381	3 517	3 695	3 873	3 988
Developing countries	kt	4 426	3 575	3 641	3 876	4 299	4 465	4 717	4 898	5 141	5 423	5 726
Least Developed Countries	kt	796	843	857	843	897	991	1 063	1 098	1 143	1 187	1 241

Note: Average 2011-13est: Data for 2013 are estimated.

1. Excludes Iceland but includes all EU28 member countries.
2. Excludes trade of live animals.
3. Sum of all positive net trade positions.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933101385>

Table A.4.1. Biofuel projections: Ethanol

	PRODUCTION (Mn L)		Growth (%) ¹	DOMESTIC USE (Mn L)		Growth (%) ¹	FUEL USE (Mn L)		Growth (%) ¹	SHARE IN GASOLINE TYPE FUEL USE (%)				NET TRADE (Mn L) ²	
	Average 2011-13est	2023	2014-23	Average 2011-13est	2023	2014-23	Average 2011-13est	2023	2014-23	Energy share		Volume share		Average 2011-13est	2023
										Average 2011-13est	2023	Average 2011-13est	2023		
NORTH AMERICA															
Canada	1 788	1 935	0.34	2 060	2 472	2.21	2 060	2 472	2.21	3.4	3.9	5.0	5.7	-272	-537
United States	48 468	70 717	2.26	47 197	76 617	2.96	44 840	74 124	3.05	5.9	9.9	8.6	14.0	1 264	-5 887
of which second generation	1	7 300	..	..	..	..	..	..	..	..	..	..	..	..	..
EUROPE															
European Union	6 674	12 072	6.00	8 113	13 562	5.87	5 636	11 348	7.35	3.2	6.6	4.7	9.5	-1 282	-1 490
of which second generation	60	426	..	..	..	..	..	..	..	..	..	..	..	..	..
OCEANIA DEVELOPED															
Australia	340	315	-0.33	376	397	-0.27	376	397	-0.27	1.4	1.4	2.0	2.1	-37	-83
OTHER DEVELOPED															
Japan	317	333	0.05	1 173	1 773	3.88	350	954	8.94	0.0	..	0.0	..	-855	-1 439
of which second generation	293	309	..	..	..	..	..	..	..	..	..	..	..	..	..
South Africa	259	285	0.27	111	98	0.11	5	6	1.16	..	..	..	..	148	187
SUB-SAHARAN AFRICA															
Mozambique	32	44	1.79	33	39	1.12	8	16	2.65	..	..	..	..	-2	5
Tanzania	32	48	2.71	38	48	2.70	11	28	4.94	..	..	..	..	-6	0
LATIN AMERICA AND CARRIBBEAN															
Argentina	502	1 127	7.59	604	1 282	7.13	383	1 076	9.23	3.4	6.6	5.0	9.5	-102	-155
Brazil	24 479	49 757	6.05	22 396	38 945	4.72	20 679	37 009	4.96	45.3	59.0	55.2	68.3	2 083	10 812
Colombia	400	609	3.17	466	623	2.13	372	530	2.54	..	..	..	..	-66	-14
Mexico	218	220	-0.86	355	352	-0.86	0	0	..	0.0	..	0.0	..	-137	-132
Peru	226	327	2.90	173	226	1.97	109	179	2.51	..	..	..	..	53	101
ASIA AND PACIFIC															
China	8 170	7 702	1.18	8 135	9 199	3.10	2 212	4 383	7.79	1.3	1.3	1.9	1.9	35	-1 497
India	2 497	3 210	1.76	2 338	3 093	2.57	397	1 227	7.93	..	..	..	..	159	117
Indonesia	195	218	1.04	141	178	1.28	36	59	1.98	..	..	..	..	54	40
Malaysia	73	75	0.70	113	127	0.41	0	0	-0.04	..	..	..	..	-40	-52
Philippines	158	286	0.88	450	660	1.91	319	533	2.39	..	..	..	..	-292	-375
Thailand	1 042	1 909	3.13	866	1 540	2.44	663	1 334	2.86	..	..	..	..	176	369
Turkey	94	147	3.45	132	159	1.80	50	60	1.76	..	..	..	..	-38	-11
Viet Nam	406	500	3.33	343	532	2.21	166	335	3.70	..	..	..	..	63	-32
TOTAL	100 546	158 044	3.58	100 050	157 913	3.58	79 494	136 887	4.04	6.2	..	8.9	..	3 430	10 812

.. Not available

Note: Average 2011-13est: Data for 2013 are estimated.

1. Least-squares growth rate (see glossary).

2. For total net trade exports are shown.

Source: OECD and FAO Secretariats.

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Table A.4.2. Biofuel projections: Biodiesel

	PRODUCTION (Mn L)		Growth (%) ¹	DOMESTIC USE (Mn L)		Growth (%) ¹	SHARE IN DIESEL TYPE FUEL USE (%)				NET TRADE (Mn L) ²	
	Average 2011-13est	2023		Average 2011-13est	2023		Energy share		Volume share		Average 2011-13est	2023
			2014-23			2014-23	Average 2011-13est	2023	Average 2011-13est	2023		
NORTH AMERICA												
Canada	305	603	-0.01	530	834	2.36	1.5	2.3	1.9	2.9	-226	-232
United States	4 104	6 549	2.30	3 706	6 339	2.15	1.5	2.7	1.9	3.4	261	209
EUROPE												
European Union	10 250	15 868	5.09	12 967	19 069	4.66	5.1	7.4	6.2	9.1	-2 717	-3 201
of which second generation	45	210	..	..	..	..	..	..	..	..	..	..
OCEANIA DEVELOPED												
Australia	657	742	1.10	657	742	1.10	2.8	2.5	3.4	3.1	0	0
OTHER DEVELOPED												
South Africa	75	108	3.36	75	108	3.36	..	..	..	..	0	0
SUB-SAHARAN AFRICA												
Mozambique	70	96	2.92	19	47	5.09	..	..	..	..	51	49
Tanzania	62	130	7.29	0	57	64.21	..	..	..	..	62	72
LATIN AMERICA AND CARIBBEAN												
Argentina	2 607	3 650	3.29	1 009	1 743	3.82	6.4	9.2	7.8	11.3	1 598	1 907
Brazil	2 744	3 894	1.90	2 748	3 836	1.75	4.6	4.6	5.7	5.7	-4	58
Colombia	604	946	3.41	604	945	3.41	..	..	..	..	1	1
Peru	93	175	6.34	272	338	2.34	..	..	..	..	-179	-163
ASIA AND PACIFIC												
India	290	730	10.04	400	886	7.51	..	..	..	..	-110	-155
Indonesia	1 785	3 255	4.37	568	1 832	6.98	..	..	..	..	1 217	1 423
Malaysia	159	837	11.50	89	648	14.91	..	..	..	..	69	188
Philippines	156	419	8.09	156	419	8.09	..	..	..	..	0	0
Thailand	823	1 161	1.96	823	1 161	1.96	..	..	..	..	0	0
Turkey	12	27	8.30	12	28	8.49	..	..	..	..	0	0
Viet Nam	24	98	10.42	24	97	10.37	..	..	..	..	0	1
TOTAL	25 037	40 260	4.03	24 878	40 106	4.05	3.0	4.3	3.7	5.3	1 859	2 174

.. Not available

Note: Average 2011-13est: Data for 2013 are estimated.

1. Least-squares growth rate (see glossary).
2. For total net trade exports are shown.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933101423>

Table A.5. Main policy assumptions for biofuel markets

		2013est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
ARGENTINA												
Biodiesel												
Export tax	%	20.7	21.6	22.4	23.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0
BRAZIL												
Ethanol												
Import tariffs	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Incorporation mandate ¹	%	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
Biodiesel												
Tax concessions ²	BRL/hl	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Import tariffs	%	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
CANADA												
Ethanol												
Tax concessions ²	CAD/hl	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Import tariffs	CAD/hl	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Incorporation mandate ¹	%	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Direct support												
Federal	CAD/hl	6.0	5.0	4.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Provincial	CAD/hl	4.3	4.3	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biodiesel												
Tax concessions ²	CAD/hl	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
Incorporation mandate ¹	%	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Direct support												
Federal	CAD/hl	12.0	10.0	8.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Provincial	CAD/hl	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLOMBIA												
Ethanol												
Import tariffs	%	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Blending target ^{3,4}	%	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Biodiesel												
Blending target ⁴	%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
EUROPEAN UNION												
Biofuel												
Energy share in fuel consumption ⁵	%	4.7	5.4	5.9	6.3	6.8	7.4	7.9	8.5	8.5	8.5	8.5
Ethanol												
Tax concessions ²	EUR/hl	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
Import tariffs	EUR/hl	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
Biodiesel												
Tax concessions ²	EUR/hl	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
Import tariffs	%	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
INDIA												
Ethanol												
Import tariffs	%	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Share of biofuel mandates in total fuel consumption	%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Biodiesel												
Import tariffs	%	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
Share of biofuel mandates in total fuel consumption	%	2.8	3.7	4.6	5.5	6.4	7.3	8.2	8.2	8.2	8.2	8.2
INDONESIA												
Ethanol												
Import tariffs	%	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
Blending target ⁴	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biodiesel												
Blending target ⁴	%	3.0	3.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
MALAYSIA												
Ethanol												
Import tariffs	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Blending target ⁴	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biodiesel												
Blending target ⁴	%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
PERU												
Ethanol												
Import tariffs	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Blending target ⁴	%	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
Biodiesel												
Import tariffs	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Blending target ⁴	%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

Table A.5. Main policy assumptions for biofuel markets (cont.)

		2013est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
THAILAND												
Ethanol												
Import tariffs	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Blending target ⁴	%	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
Biodiesel												
Blending target ⁴	%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
UNITED STATES												
Renewable Fuel Standard⁶												
Total	Mn L	62 648	63 492	68 069	70 007	72 399	75 479	78 654	80 013	81 715	83 008	83 008
advanced mandate	Mn L	10 410	8 982	11 288	13 226	15 618	18 698	21 873	23 232	24 934	26 227	26 227
cellulosic ethanol	Mn L	23	108	400	800	1 600	2 600	3 700	4 800	6 100	7 300	7 300
biodiesel	Mn L	4 845	4 845	4 845	4 845	4 845	4 845	4 845	4 845	4 845	4 845	4 845
Ethanol												
Import surcharge	USD/hl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Import tariffs (undenatured)	%	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
Import tariffs (denatured)	%	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
Blenders tax credit	USD/hl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biodiesel												
Import tariffs	%	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
Blenders tax credit	USD/hl	26.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note: 2013est: Data for 2013 are estimated.

For many countries, shares for ethanol and biodiesel are not individually specified in the legislation.

Figures are based on a combination of the EU mandate in the context of the Renewable Energy Directive and the National Renewable Energy Action Plans (NREAP) in the EU member states.

1. Share in respective fuel type, energy equivalent.
2. Difference between tax rates applying to fossil and biogen fuels.
3. Applies to cities with more than 500 000 inhabitants.
4. Expressed in volume share.
5. According to the current Renewable energy Directive 2009/28/EC, the energy content of biofuel other than first-generation biofuels counts twice towards meeting the target. It is assumed that a certain share of the 10% transport energy target is filled by other sources than biofuel.
6. The total, advanced and cellulosic mandates are not at the levels defined in EISA. As those mandates are subject to uncertainties regarding EPA implementation, the following assumptions were taken to construct the baseline: The total and advanced mandates have been reduced by a portion of the shortfall in cellulosic production. That portion starts at 80% in 2014 and reaches 100% in 2023.

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933101442>

Table A.6. World cereal projections

Crop year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WHEAT												
World												
Production	Mt	692.1	710.5	722.6	726.5	729.4	735.0	743.6	753.6	762.6	771.0	778.1
Area	Mha	221.7	227.1	229.8	228.6	226.8	226.0	226.4	227.5	227.9	228.1	227.9
Yield	t/ha	3.12	3.13	3.14	3.18	3.22	3.25	3.28	3.31	3.35	3.38	3.41
Consumption	Mt	694.2	700.2	711.2	722.3	730.4	736.8	743.0	751.4	758.8	766.5	773.6
Feed use	Mt	136.2	130.0	133.8	138.4	140.7	141.5	142.4	145.0	147.5	150.5	153.8
Food use	Mt	476.4	488.4	493.5	498.3	502.4	506.2	509.7	513.5	517.5	521.4	524.3
Biofuel use	Mt	6.6	6.8	7.4	7.8	8.5	9.4	10.2	10.8	10.5	10.2	9.8
Other use	Mt	75.0	75.0	76.6	77.7	78.8	79.8	80.8	82.1	83.3	84.4	85.6
Exports	Mt	139.6	135.9	138.8	141.1	143.0	144.4	146.8	149.0	151.3	153.6	155.5
Closing stocks	Mt	178.2	194.6	206.1	210.3	209.2	207.4	208.0	210.2	214.0	218.4	223.0
Price ¹	USD/t	302.9	283.8	268.4	266.8	267.7	276.0	278.7	277.8	274.9	271.0	269.4
Developed countries												
Production	Mt	359.0	364.4	373.6	374.4	375.2	377.8	382.3	387.3	391.5	395.2	398.1
Consumption	Mt	269.6	269.6	273.4	277.9	280.7	282.5	284.1	287.5	289.8	292.4	294.6
Closing stocks	Mt	71.8	77.7	84.5	86.3	84.9	84.1	84.9	86.4	88.6	90.5	92.0
Developing countries												
Production	Mt	333.1	346.1	349.1	352.1	354.1	357.2	361.2	366.3	371.1	375.7	380.0
Consumption	Mt	424.6	430.6	437.8	444.4	449.7	454.4	458.9	463.9	469.0	474.1	478.9
Closing stocks	Mt	106.3	117.0	121.5	124.0	124.3	123.3	123.8	123.8	125.4	127.9	131.0
OECD²												
Production	Mt	280.5	285.4	292.0	290.4	288.4	288.4	290.3	292.7	294.3	295.6	295.9
Consumption	Mt	222.7	219.1	221.4	224.7	226.4	227.3	227.8	229.7	230.5	231.6	232.3
Closing stocks	Mt	49.1	52.0	56.1	58.2	57.5	56.9	57.0	57.2	58.5	59.8	61.0
COARSE GRAINS												
World												
Production	Mt	1 207.6	1 273.3	1 269.1	1 281.8	1 307.0	1 331.0	1 354.2	1 372.3	1 385.7	1 401.2	1 417.6
Area	Mha	332.1	329.8	327.6	329.6	333.0	336.0	338.4	339.7	340.6	341.7	342.9
Yield	t/ha	3.64	3.86	3.87	3.89	3.92	3.96	4.00	4.04	4.07	4.10	4.13
Consumption	Mt	1 180.7	1 262.0	1 284.6	1 286.2	1 300.3	1 318.7	1 339.1	1 361.1	1 378.9	1 395.0	1 412.2
Feed use	Mt	665.6	699.5	709.0	711.1	719.7	731.6	746.4	761.8	775.0	788.5	799.6
Food use	Mt	197.9	204.8	208.0	211.0	214.1	217.6	221.4	225.2	228.7	232.3	235.7
Biofuel use	Mt	138.8	161.2	169.8	166.3	168.1	170.6	171.5	173.3	173.3	171.3	172.7
Other use	Mt	133.9	149.7	150.3	149.7	149.2	148.8	148.8	148.7	148.8	148.8	149.4
Exports	Mt	139.3	148.2	150.5	148.1	150.3	154.2	158.1	162.5	165.3	168.8	170.6
Closing stocks	Mt	210.9	255.7	236.7	228.9	232.1	240.9	252.5	260.3	263.6	266.3	268.3
Price ³	USD/t	262.0	195.0	197.9	222.2	228.6	234.0	230.6	226.0	226.2	224.9	225.2
Developed countries												
Production	Mt	619.4	671.3	662.1	662.4	670.7	680.6	690.3	697.8	701.9	707.2	713.0
Consumption	Mt	570.7	610.8	620.7	613.4	615.7	621.2	626.8	633.5	637.6	639.7	644.0
Closing stocks	Mt	89.8	124.2	106.2	102.5	104.0	109.5	116.3	120.3	121.6	122.6	123.1
Developing countries												
Production	Mt	588.2	602.0	607.0	619.4	636.3	650.3	663.9	674.5	683.8	694.1	704.6
Consumption	Mt	610.0	651.2	663.9	672.7	684.6	697.5	712.3	727.6	741.4	755.3	768.2
Closing stocks	Mt	121.1	131.4	130.6	126.4	128.1	131.4	136.2	139.9	142.0	143.7	145.2
OECD²												
Production	Mt	563.0	616.7	605.7	603.2	610.5	619.5	628.4	635.2	638.5	643.2	648.6
Consumption	Mt	560.2	601.0	610.0	602.5	604.5	609.5	615.2	622.5	627.2	630.2	634.9
Closing stocks	Mt	85.3	120.0	101.9	98.5	100.0	105.3	111.9	115.8	117.0	117.9	118.4

Table A.6. World cereal projections (cont.)

Crop year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
RICE												
World												
Production	Mt	490.8	502.0	510.0	514.6	521.1	526.6	533.1	538.4	545.0	551.3	557.6
Area	Mha	162.0	163.1	163.9	163.6	163.9	164.1	164.3	164.2	164.4	164.6	164.7
Yield	t/ha	3.03	3.08	3.11	3.15	3.18	3.21	3.24	3.28	3.31	3.35	3.39
Consumption	Mt	479.7	498.9	507.0	513.7	519.4	524.9	530.9	536.3	542.1	548.1	554.1
Feed use	Mt	16.9	17.7	18.3	18.9	19.4	19.9	20.3	20.8	21.3	21.9	22.4
Food use	Mt	404.1	417.1	423.1	428.3	433.3	438.2	443.5	448.2	453.1	458.2	463.1
Exports	Mt	37.9	37.9	38.3	39.2	40.3	41.7	43.3	44.6	46.1	47.6	49.2
Closing stocks	Mt	172.7	182.5	184.8	185.1	186.3	187.5	189.2	190.8	193.2	195.8	198.8
Price ⁴	USD/t	442.5	381.9	356.6	395.2	400.1	407.8	409.7	412.3	409.1	401.0	390.8
Developed countries												
Production	Mt	17.7	18.4	18.5	18.8	18.9	18.9	19.0	19.0	19.1	19.1	19.1
Consumption	Mt	18.5	19.4	19.4	19.6	19.8	19.9	20.1	20.2	20.3	20.5	20.6
Closing stocks	Mt	5.0	5.0	5.0	5.0	5.0	4.8	4.7	4.5	4.3	4.1	4.0
Developing countries												
Production	Mt	473.1	483.7	491.4	495.8	502.2	507.7	514.2	519.4	525.9	532.2	538.5
Consumption	Mt	461.2	479.5	487.6	494.1	499.6	505.0	510.8	516.1	521.8	527.7	533.4
Closing stocks	Mt	167.7	177.4	179.8	180.1	181.4	182.6	184.5	186.3	188.8	191.7	194.9
OECD²												
Production	Mt	21.3	22.1	22.2	22.3	22.4	22.4	22.4	22.4	22.5	22.5	22.5
Consumption	Mt	22.2	23.0	23.1	23.3	23.4	23.6	23.7	23.8	23.9	24.1	24.2
Closing stocks	Mt	6.8	6.8	6.8	6.7	6.7	6.5	6.3	6.1	5.9	5.7	5.5

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

1. No.2 hard red winter wheat, ordinary protein, United States f.o.b. Gulf Ports (June/May), less EEP payments where applicable.
2. Excludes Iceland but includes all EU28 member countries.
3. No.2 yellow corn, United States f.o.b. Gulf Ports (September/August).
4. Milled, 5% broken, f.o.b. Ho Chi Minh (January/December).

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933101461>

Table A.7.1. Wheat projections: Production and trade

Crop year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	692 113	778 096	1.51	0.99	139 997	155 540	3.45	1.48	139 635	155 540	3.25	1.48
DEVELOPED COUNTRIES	359 022	398 127	0.95	0.93	28 112	29 167	2.08	1.44	119 198	131 191	3.71	1.27
NORTH AMERICA	86 570	92 362	1.07	0.17	3 658	4 087	5.94	1.61	47 070	50 293	1.10	-0.11
Canada	28 555	32 971	2.08	0.82	74	70	21.38	0.00	18 194	22 290	1.86	0.51
United States	58 015	59 391	0.59	-0.17	3 583	4 017	5.73	1.64	28 876	28 003	0.69	-0.57
EUROPE	215 095	245 498	0.44	1.29	8 334	7 291	-2.53	0.87	41 902	53 079	5.25	3.57
European Union	139 204	145 824	0.21	0.42	6 120	5 566	-1.63	1.51	19 746	20 231	5.69	0.91
Russian Federation	49 353	68 191	0.31	3.04	206	60	-27.40	8.56	14 319	22 059	1.76	5.94
Ukraine	19 867	23 932	2.06	2.61	10	5	-32.72	0.35	7 207	9 740	7.98	5.36
OCEANIA DEVELOPED	26 651	26 061	4.97	-0.50	365	342	0.28	0.40	21 038	18 671	7.38	-1.08
Australia	26 193	25 622	4.99	-0.51	15	0	20.60	..	21 038	18 671	7.38	-1.08
New Zealand	458	439	4.91	-0.13	350	342	-0.15	0.40	0	0	..	..
OTHER DEVELOPED ¹	30 706	34 206	1.48	1.65	15 755	17 447	4.47	1.68	9 188	9 148	7.94	3.09
Japan	803	929	-1.78	1.43	6 242	5 770	1.73	0.15	0	0	..	..
South Africa	1 884	1 857	-0.51	0.51	1 572	1 809	5.53	0.53	264	177	6.32	-0.53
DEVELOPING COUNTRIES	333 091	379 969	2.15	1.05	111 885	126 374	3.80	1.48	20 437	24 350	0.80	2.63
AFRICA	23 996	30 552	2.68	1.39	37 349	45 474	2.86	2.18	858	487	-2.62	-2.85
NORTH AFRICA	19 043	24 693	2.27	1.35	22 721	24 191	3.43	1.51	233	38	-5.95	-3.91
Algeria	3 117	4 300	3.96	2.00	6 300	6 559	2.47	0.97	0	0	0.00	-0.07
Egypt	8 655	11 313	1.47	1.30	10 033	10 952	3.99	1.49	0	0	0.00	-0.11
SUB-SAHARAN AFRICA	4 953	5 860	4.41	1.53	14 628	21 284	2.04	2.99	624	449	-1.23	-2.75
LATIN AMERICA and CARIBBEAN	23 269	32 021	-1.09	2.45	21 602	23 146	2.11	0.92	9 862	16 072	-2.05	4.84
Argentina	9 900	16 208	-5.12	4.32	0	0	..	..	6 041	10 729	-8.07	6.82
Brazil	5 305	6 268	2.95	0.86	6 454	7 756	2.71	1.16	1 045	2 471	..	3.34
Chile	1 421	1 621	-2.32	0.83	902	1 059	13.91	1.73	0	0	0.00	-0.12
Mexico	3 442	4 221	2.79	0.65	4 314	3 025	2.28	-0.90	745	823	7.06	0.04
Uruguay	1 642	1 834	16.67	1.20	30	31	-0.88	-1.02	1 067	1 133	59.36	1.16
ASIA and PACIFIC	285 827	317 395	2.42	0.89	52 934	57 753	5.33	1.19	9 717	7 790	4.08	-0.32
Bangladesh	1 177	1 108	2.64	0.48	2 143	3 146	3.02	1.13	0	0	0.00	-0.08
China ²	119 825	120 924	2.81	-0.09	3 967	2 769	17.44	1.38	375	326	-15.55	0.72
India	91 753	108 584	3.67	1.61	23	65	-28.62	0.40	4 391	3 356	43.32	0.94
Indonesia	0	0	0.00	1.35	6 788	8 218	5.15	1.50	60	60	11.70	-1.48
Iran, Islamic Republic of	13 767	15 285	-0.60	0.58	3 462	3 256	24.62	2.80	200	210	129.44	-0.68
Korea	39	37	24.63	0.00	5 078	4 828	5.34	0.99	50	53	-8.37	0.50
Malaysia	0	0	0.00	1.23	1 392	1 573	1.99	1.16	134	125	4.35	-1.14
Pakistan	24 306	28 938	2.16	1.63	450	1 113	-11.41	3.85	138	0	-68.48	-1.39
Saudi Arabia	827	797	-16.31	1.42	2 600	3 220	73.66	1.35	0	0	-63.47	-0.10
Turkey	21 317	23 832	0.57	1.17	3 067	2 968	28.16	-0.24	3 267	2 670	6.78	-1.21
LEAST DEVELOPED COUNTRIES (LDC)	12 029	15 424	4.25	2.14	14 905	20 268	2.82	2.03	54	34	-14.91	-5.97
OECD³	280 474	295 868	0.86	0.32	32 373	30 479	3.34	0.67	91 920	92 792	3.37	-0.14
BRICS	268 121	305 823	2.59	1.16	12 222	12 459	0.25	1.11	20 395	28 389	5.17	4.68

.. Not available

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933101480>

Table A.7.2. Wheat projections: Consumption, food use, per capita

Crop year

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD USE (kt)		Growth (%) ⁴		PER CAPITA (kg)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	694 222	773 569	1.55	1.07	476 426	524 299	1.10	0.78	67.4	66.2	-0.09	-0.24
DEVELOPED COUNTRIES	269 638	294 644	0.35	0.95	132 821	139 183	0.22	0.38	95.6	96.8	-0.26	0.09
NORTH AMERICA	45 097	44 940	1.71	0.85	28 473	30 810	0.22	0.79	80.8	80.2	-0.69	0.00
Canada	10 088	10 745	2.53	1.35	2 745	2 802	-1.00	0.15	78.8	72.6	-2.08	-0.77
United States	35 009	34 195	1.47	0.70	25 728	28 009	0.36	0.85	81.0	81.0	-0.53	0.08
EUROPE	181 628	199 705	-0.10	0.87	80 692	82 208	-0.08	0.12	108.6	110.6	-0.25	0.13
European Union	124 799	131 209	-0.22	0.43	56 183	58 888	0.20	0.39	110.5	113.9	-0.13	0.25
Russian Federation	36 387	46 155	-0.20	2.24	14 133	13 530	-0.92	-0.49	98.7	97.9	-0.84	-0.16
Ukraine	12 560	14 184	0.82	1.27	5 351	4 893	-0.80	-0.81	117.5	115.9	-0.29	-0.13
OCEANIA DEVELOPED	7 134	7 733	-0.56	1.14	2 272	2 703	-0.05	1.09	82.5	86.4	-1.59	-0.07
Australia	6 312	6 952	-0.94	1.24	1 897	2 319	-0.22	1.24	82.2	88.0	-1.85	0.03
New Zealand	821	781	2.83	0.30	375	384	0.76	0.24	84.1	77.7	-0.33	-0.67
OTHER DEVELOPED ¹	35 780	42 266	1.26	1.39	21 384	23 462	1.42	0.73	80.0	84.0	0.77	0.35
Japan	6 696	6 694	0.89	0.13	5 348	5 421	0.28	0.08	42.0	43.7	0.25	0.33
South Africa	3 218	3 487	1.76	0.64	3 052	3 328	1.49	0.62	58.3	59.4	0.31	0.03
DEVELOPING COUNTRIES	424 584	478 925	2.38	1.15	343 606	385 116	1.46	0.93	60.5	59.4	0.08	-0.26
AFRICA	60 244	75 238	3.18	1.93	51 562	63 942	2.48	1.92	50.5	48.0	-0.07	-0.51
NORTH AFRICA	40 944	48 657	3.06	1.47	33 785	39 344	2.06	1.36	200.2	200.5	0.50	0.03
Algeria	9 000	10 796	2.64	1.45	7 750	9 183	1.86	1.49	201.4	201.9	0.06	0.03
Egypt	18 638	22 196	3.29	1.45	15 872	18 673	2.09	1.44	196.6	197.2	0.39	0.02
SUB-SAHARAN AFRICA	19 300	26 581	3.43	2.83	17 777	24 598	3.33	2.88	20.9	21.6	0.55	0.23
LATIN AMERICA and CARIBBEAN	36 344	39 030	1.45	0.76	33 312	35 130	1.76	0.66	54.6	51.7	0.59	-0.30
Argentina	5 093	5 494	0.68	0.68	4 850	5 141	0.96	0.48	118.0	114.7	0.08	-0.29
Brazil	10 880	11 512	1.60	0.57	10 433	11 037	1.58	0.58	52.5	51.3	0.64	-0.12
Chile	2 260	2 678	0.46	1.20	2 073	2 296	1.35	0.82	118.7	120.6	0.38	0.05
Mexico	7 011	6 423	2.10	-0.03	5 850	4 937	3.59	-0.30	48.4	36.4	2.31	-1.32
Uruguay	641	724	4.28	1.10	394	413	1.15	0.37	116.2	117.5	0.85	0.07
ASIA and PACIFIC	327 996	364 657	2.34	1.04	258 731	286 043	1.23	0.75	63.9	63.9	0.10	-0.13
Bangladesh	3 524	4 236	1.72	1.24	3 206	3 678	1.12	1.14	20.7	21.1	0.00	0.06
China ²	125 817	123 015	2.58	0.14	89 502	84 838	0.06	-0.70	65.0	58.7	-0.56	-1.09
India	84 600	103 335	1.91	1.57	75 255	91 317	1.71	1.46	60.8	65.5	0.36	0.40
Indonesia	6 445	8 100	4.48	1.66	4 660	5 287	2.21	0.96	18.9	19.1	0.84	-0.06
Iran, Islamic Republic of	15 800	18 267	0.57	1.09	12 711	14 525	1.23	1.12	166.3	167.7	0.00	0.02
Korea	5 101	4 812	5.50	0.91	2 340	2 344	0.37	-0.10	47.8	45.7	-0.22	-0.49
Malaysia	1 236	1 441	1.00	1.45	875	1 034	-1.05	1.41	29.9	30.3	-2.78	0.04
Pakistan	25 001	30 051	2.19	1.70	23 751	28 794	3.00	1.72	132.6	135.6	1.17	0.18
Saudi Arabia	3 510	3 983	4.18	1.55	2 770	3 294	3.32	1.56	97.9	98.2	1.29	0.07
Turkey	20 950	24 095	1.05	1.33	15 465	17 467	1.35	1.15	205.8	208.2	0.01	0.18
LEAST DEVELOPED COUNTRIES (LDC)	27 520	35 530	3.79	2.15	24 423	31 287	3.20	2.23	28.2	28.4	0.89	0.03
OECD³	222 699	232 345	0.51	0.62	120 096	127 128	0.53	0.56	92.5	92.8	-0.13	0.09
BRICS	260 903	287 504	1.89	0.98	192 376	204 051	0.70	0.32	64.0	62.8	-0.20	-0.35

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933101499>

Table A.8.1. Coarse grain projections: Production and trade

Crop year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	1 207 589	1 417 614	2.49	1.35	132 766	167 156	2.78	1.80	139 325	170 638	2.38	1.76
DEVELOPED COUNTRIES	619 394	713 019	0.83	0.87	37 115	33 624	1.17	1.23	78 766	102 160	-1.00	2.62
NORTH AMERICA	350 678	412 774	0.88	0.74	4 513	4 307	-0.60	1.76	37 890	57 882	-6.68	2.72
Canada	24 460	27 099	-0.50	1.03	686	1 388	-16.20	11.99	4 520	5 612	-0.64	2.12
United States	326 218	385 675	0.98	0.72	3 827	2 919	7.95	-0.88	33 370	52 270	-7.44	2.83
EUROPE	236 457	266 905	0.61	1.10	11 304	8 404	9.07	4.84	33 021	38 806	10.12	3.17
European Union	153 167	169 338	-0.39	0.61	9 855	7 369	12.63	6.11	9 155	9 616	1.65	2.09
Russian Federation	32 609	39 170	0.44	1.84	415	241	-5.85	-1.64	4 603	5 420	13.31	2.02
Ukraine	33 554	38 351	6.87	2.42	35	50	-3.93	0.01	17 323	20 652	15.82	3.87
OCEANIA DEVELOPED	13 827	13 159	1.09	0.32	18	13	7.87	-2.00	5 133	4 167	3.26	0.08
Australia	13 188	12 524	1.08	0.34	0	0	..	..	5 127	4 162	3.26	0.08
New Zealand	639	635	2.08	-0.10	18	13	11.09	-2.00	6	6	20.44	0.00
OTHER DEVELOPED ¹	18 432	20 180	3.31	0.98	21 279	20 899	-1.00	-0.09	2 722	1 305	9.25	-2.72
Japan	218	201	-0.44	-1.26	18 844	17 924	-1.07	-0.35	0	0	..	..
South Africa	12 546	14 178	4.02	0.79	276	216	-16.05	2.20	2 242	1 255	12.56	-2.47
DEVELOPING COUNTRIES	588 195	704 595	4.50	1.86	95 651	133 532	3.49	1.95	60 559	68 478	8.76	0.66
AFRICA	103 816	131 163	4.08	2.56	17 255	25 161	2.03	1.82	5 278	2 311	12.40	-0.59
NORTH AFRICA	12 284	13 378	0.60	1.60	13 729	18 049	3.33	1.69	50	35	-4.19	-3.12
Algeria	1 654	2 238	5.26	3.24	3 331	3 883	5.23	1.70	0	0	0.00	-0.12
Egypt	7 626	8 543	-0.47	1.47	5 973	6 288	3.42	-0.21	0	0	0.00	-0.80
SUB-SAHARAN AFRICA	91 531	117 785	4.64	2.68	3 525	7 112	-1.99	2.16	5 228	2 276	12.73	-0.55
LATIN AMERICA and CARIBBEAN	156 120	183 438	5.11	1.90	27 375	36 505	2.76	2.02	48 983	58 300	11.01	0.30
Argentina	35 792	45 917	6.61	2.13	0	0	..	..	23 267	31 816	8.82	2.34
Brazil	71 876	81 849	7.33	1.73	996	1 288	3.13	1.20	22 753	23 805	13.10	-1.64
Chile	2 063	2 221	0.85	2.12	1 504	2 895	1.14	5.11	127	65	2.38	-4.95
Mexico	28 448	32 984	0.31	1.92	10 994	14 378	0.83	2.06	297	175	37.01	6.43
Uruguay	1 041	990	5.90	1.96	52	62	-4.50	0.53	100	66	4.12	-6.86
ASIA and PACIFIC	328 259	389 994	4.36	1.62	51 021	71 865	4.50	1.96	6 298	7 866	-2.73	4.43
Bangladesh	2 197	2 489	22.38	1.43	33	425	-16.80	12.17	0	0	0.00	-12.84
China ²	212 799	255 972	5.02	1.47	7 882	16 904	22.10	4.20	358	443	-31.69	1.21
India	41 736	48 692	2.70	1.74	8	2	-16.35	-2.62	4 080	5 650	24.70	4.99
Indonesia	18 514	20 496	6.70	1.91	2 515	4 875	19.78	3.53	25	22	-6.87	-0.64
Iran, Islamic Republic of	4 477	5 278	-0.87	2.23	5 266	5 675	7.50	0.52	0	0	0.00	-0.40
Korea	188	184	-7.41	-0.64	8 338	8 835	-0.58	-0.34	0	0	10.61	1.77
Malaysia	56	88	-0.16	1.98	3 233	4 111	3.39	2.37	8	8	0.05	2.26
Pakistan	5 117	6 172	5.25	1.97	21	75	-0.27	1.95	167	79	175.41	2.74
Saudi Arabia	376	390	-0.66	2.67	11 076	12 751	4.64	0.84	0	0	0.00	-1.18
Turkey	13 138	16 422	0.01	2.08	418	605	-2.32	-0.78	321	193	4.37	-2.09
LEAST DEVELOPED COUNTRIES (LDC)	73 666	92 313	5.98	2.77	2 125	4 935	-2.57	2.52	5 289	2 280	14.90	1.83
OECD³	562 986	648 602	0.45	0.79	56 962	58 868	0.99	1.29	52 922	72 098	-4.69	2.41
BRICS	371 566	439 860	4.67	1.56	9 578	18 651	12.27	3.84	34 038	36 573	8.54	-0.40

.. Not available

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.

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Table A.8.2. Coarse grain projections: Consumption, feed use, per capita

Crop year

	CONSUMPTION (kt)		Growth (%) ⁴		FEED USE (kt)		Growth (%) ⁴		PER CAPITA (kg)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	1 180 715	1 412 186	2.42	1.27	665 570	799 576	1.03	1.57	28.0	29.7	0.65	0.57
DEVELOPED COUNTRIES	570 741	643 987	1.22	0.59	331 900	362 619	-1.36	0.61	21.7	21.3	-0.02	-0.18
NORTH AMERICA	310 533	358 147	2.30	0.38	138 473	158 963	-3.45	0.73	24.7	23.6	0.08	-0.62
Canada	20 057	22 732	-1.52	0.84	13 399	15 282	-4.21	1.02	72.2	71.6	-0.06	-0.56
United States	290 477	335 415	2.61	0.35	125 073	143 681	-3.36	0.70	19.4	18.2	0.08	-0.69
EUROPE	214 095	236 858	-0.03	0.96	162 485	170 674	0.47	0.53	20.7	20.3	0.02	-0.02
European Union	154 007	167 551	0.05	0.83	115 100	116 833	0.15	0.08	19.0	19.4	0.29	0.12
Russian Federation	28 261	33 914	-1.05	1.73	24 119	27 168	1.85	2.09	17.2	15.0	-1.46	-0.15
Ukraine	15 656	17 737	1.38	0.78	10 255	12 364	2.01	1.12	44.7	44.1	0.99	-0.13
OCEANIA DEVELOPED	8 762	9 005	-0.27	0.22	6 223	6 583	-1.96	0.47	20.1	16.9	-0.86	-1.87
Australia	8 111	8 363	-0.44	0.25	5 699	6 079	-2.27	0.52	18.4	14.8	-1.39	-2.06
New Zealand	651	642	2.26	-0.13	524	503	2.40	-0.09	28.5	28.1	1.62	-1.20
OTHER DEVELOPED ¹	37 350	39 977	0.46	0.45	24 719	26 400	0.62	0.40	21.0	21.1	-0.32	0.12
Japan	18 818	18 363	-0.96	-0.47	14 014	13 348	-0.97	-0.77	2.5	2.5	-0.91	0.01
South Africa	11 437	13 133	2.56	1.16	5 085	6 270	3.77	1.94	93.2	91.7	-0.58	-0.10
DEVELOPING COUNTRIES	609 975	768 200	3.66	1.88	333 670	436 956	3.98	2.44	29.5	31.6	0.74	0.64
AFRICA	116 588	153 643	3.57	2.43	26 203	34 460	4.36	2.35	72.9	75.4	0.42	0.27
NORTH AFRICA	26 080	31 333	2.21	1.57	18 469	22 901	2.72	1.76	39.6	38.7	-0.11	-0.13
Algeria	4 968	6 104	5.68	2.05	4 118	5 135	6.94	2.18	18.6	18.2	-0.59	0.04
Egypt	13 622	14 826	1.20	0.71	9 171	9 926	1.34	0.57	49.9	48.7	-0.17	-0.16
SUB-SAHARAN AFRICA	90 507	122 310	3.99	2.67	7 734	11 559	9.51	3.62	79.5	81.7	0.38	0.20
LATIN AMERICA and CARIBBEAN	129 279	161 194	2.31	2.13	84 828	108 840	2.97	2.47	52.1	53.7	0.22	0.34
Argentina	12 424	13 940	3.76	1.50	8 951	10 157	4.53	1.80	48.6	47.3	5.27	0.01
Brazil	45 539	59 194	3.24	2.45	35 472	47 060	3.67	2.70	25.5	25.0	1.34	-0.35
Chile	3 381	5 036	0.79	3.78	2 704	4 218	1.08	4.36	18.7	18.3	0.46	-0.07
Mexico	39 295	47 161	0.30	1.87	20 522	24 738	-0.07	2.01	132.2	139.8	-0.11	0.69
Uruguay	843	987	2.75	1.70	280	333	2.63	2.70	22.4	20.1	-1.39	-0.08
ASIA and PACIFIC	364 108	453 363	4.20	1.62	222 640	293 657	4.34	2.44	15.2	15.2	0.38	0.05
Bangladesh	2 147	2 908	18.71	2.33	1 250	1 884	24.20	3.09	4.5	4.5	11.30	-0.12
China ²	213 904	272 161	5.34	1.65	136 283	183 436	4.90	2.72	11.3	11.9	1.89	0.56
India	36 871	42 970	1.18	1.42	5 840	8 613	5.19	3.72	21.1	20.4	-1.09	-0.32
Indonesia	20 520	25 254	7.23	2.02	9 413	13 066	13.81	3.09	29.2	28.6	0.57	-0.13
Iran, Islamic Republic of	9 426	10 949	2.91	1.14	8 944	10 390	3.10	1.15	1.3	1.3	-1.25	-0.08
Korea	8 642	9 026	-0.59	-0.35	6 391	6 789	-0.82	-0.44	4.4	4.4	-0.24	-0.23
Malaysia	3 318	4 188	3.55	2.33	3 124	3 990	3.74	2.45	1.6	1.6	-1.33	-0.01
Pakistan	4 855	6 138	5.71	1.92	1 995	2 702	6.58	2.60	9.7	10.0	1.48	0.25
Saudi Arabia	10 752	13 116	3.74	0.79	10 505	12 823	3.82	0.78	3.4	3.3	-1.97	-0.08
Turkey	13 102	16 790	-0.62	1.89	10 603	14 118	-0.56	2.17	17.1	17.6	-0.38	0.41
LEAST DEVELOPED COUNTRIES (LDC)	70 969	94 686	5.19	2.69	8 712	12 547	10.98	3.34	58.3	62.6	1.60	0.69
OECD³	560 241	634 938	1.20	0.62	317 376	349 090	-1.67	0.59	28.7	30.1	0.26	0.44
BRICS	336 013	421 373	3.82	1.72	206 798	272 547	4.31	2.66	18.0	17.9	0.07	0.03

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.


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Table A.9.1. Rice projections: Production and trade

Crop year

	PRODUCTION (kt)		Growth (%) ⁵		IMPORTS (kt)		Growth (%) ⁵		EXPORTS (kt)		Growth (%) ⁵	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	490 800	557 584	2.22	1.15	38 293	48 613	3.41	3.12	37 917	49 165	3.59	3.08
DEVELOPED COUNTRIES	17 735	19 122	0.17	0.42	4 911	5 949	2.01	1.53	4 172	4 662	1.73	1.15
NORTH AMERICA	6 044	7 521	-1.31	0.99	1 031	1 363	2.50	2.93	3 231	3 782	-0.28	1.60
Canada	0	0	..	..	384	463	2.18	1.79	0	0	..	..
United States	6 044	7 521	-1.31	0.99	647	900	2.79	3.56	3 231	3 782	-0.28	1.60
EUROPE	2 633	2 630	3.08	0.64	1 361	1 622	-0.74	1.22	396	254	16.11	-2.19
European Union	1 815	1 830	1.06	0.26	915	1 155	1.77	1.99	140	95	1.60	-0.76
Russian Federation	691	675	9.33	1.89	170	179	-8.38	-2.54	243	149	53.38	-3.12
Ukraine	109	104	8.96	-0.44	57	53	-9.37	-0.93	9	8	20.89	0.93
OCEANIA DEVELOPED	713	730	20.58	0.94	186	165	3.68	0.50	383	464	53.41	0.22
Australia	713	730	20.58	0.94	144	124	4.25	0.68	383	464	53.41	0.22
New Zealand	0	0	..	..	42	41	1.75	0.00	0	0	..	..
OTHER DEVELOPED ¹	8 345	8 241	-0.12	-0.19	2 333	2 799	3.57	1.13	162	162	-1.44	-0.06
Japan	7 828	7 577	-0.28	-0.35	813	768	0.88	0.00	131	120	-2.14	0.00
South Africa	2	12	0.00	16.44	1 176	1 650	5.98	1.78	0	0	0.00	-1.75
DEVELOPING COUNTRIES	473 066	538 462	2.30	1.18	33 381	42 664	3.64	3.36	33 745	44 502	3.86	3.30
AFRICA	17 403	23 072	4.21	2.44	11 831	18 430	3.56	4.65	521	378	-11.21	-4.28
NORTH AFRICA	4 110	4 816	-1.81	1.03	757	1 098	13.54	4.76	407	293	-13.78	-5.71
Algeria	1	1	0.00	0.64	109	133	6.01	1.90	0	0	0.00	-1.86
Egypt	4 068	4 769	-1.89	1.04	333	461	72.03	6.04	407	293	-13.78	-5.71
SUB-SAHARAN AFRICA	13 294	18 255	6.66	2.85	11 075	17 332	3.07	4.64	115	85	6.61	3.60
LATIN AMERICA and CARIBBEAN	18 836	22 179	0.86	1.52	4 004	4 453	1.81	2.63	3 390	3 261	10.52	-1.18
Argentina	999	1 185	4.86	1.61	0	0	..	..	586	733	5.78	0.79
Brazil	8 294	9 881	-0.77	1.64	750	834	1.43	5.57	1 049	842	32.13	-6.57
Chile	92	75	0.66	-0.87	117	154	2.89	1.74	1	1	59.56	-0.20
Mexico	123	189	-5.91	3.13	882	1 308	2.53	4.36	2	35	-5.18	22.68
Uruguay	1 033	1 009	1.80	1.22	2	1	158.01	-0.30	938	922	4.11	1.25
ASIA and PACIFIC	436 826	493 211	2.30	1.11	17 546	19 781	4.16	2.45	29 834	40 863	3.77	3.87
Bangladesh	34 017	38 563	3.73	1.16	84	348	-25.31	11.32	2	0	-58.09	-9.69
China ²	139 235	143 771	1.67	0.26	2 346	2 424	21.46	1.15	386	603	-11.89	0.77
India	105 577	124 240	2.23	1.40	100	63	8.46	0.27	10 069	8 775	9.59	3.41
Indonesia	43 193	50 483	3.45	1.04	1 837	645	8.92	2.36	3	5	216.10	0.38
Iran, Islamic Republic of	1 520	1 721	-1.20	0.67	1 644	1 956	4.76	1.55	0	0	0.00	-0.11
Korea	4 157	4 010	-1.97	-0.56	390	448	9.13	0.89	3	3	-31.04	0.00
Pakistan	5 897	7 029	1.07	1.75	60	57	84.48	-0.60	3 001	3 601	-0.52	1.70
Philippines	11 598	12 025	2.21	0.13	1 150	2 937	-6.62	10.66	7	9	186.60	-0.76
Thailand	24 873	28 858	3.35	3.05	540	251	55.81	-4.28	7 205	14 803	-0.83	5.69
Turkey	536	535	6.43	0.24	220	433	1.52	3.95	51	26	73.63	-3.80
Viet Nam	28 948	32 844	2.67	0.92	583	501	24.81	-0.05	7 147	8 346	5.70	0.10
LDC Asia ³	29 635	40 439	2.28	2.93	1 284	335	4.79	-11.74	1 889	4 599	18.75	13.47
LEAST DEVELOPED COUNTRIES (LDC)	73 392	92 691	3.52	2.19	6 898	8 423	0.80	2.57	1 992	4 674	17.37	13.24
OECD⁴	21 307	22 468	-0.49	0.17	4 815	6 080	2.55	2.34	3 941	4 526	0.40	1.38
BRICS	253 798	278 578	1.82	0.80	4 542	5 151	8.74	1.79	11 747	10 369	8.59	1.78

.. Not available

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. LDC Asia includes Afghanistan, Bhutan, Myanmar, Cambodia, Lao Peoples' Democratic Republic, Nepal, Yemen, Timor Meste, Maldives.
4. Excludes Iceland but includes all EU28 member countries.
5. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.

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Table A.9.2. Rice projections: Consumption, per capita

Crop year

	CONSUMPTION (kt)		Growth (%) ¹		PER CAPITA (kg)		Growth (%) ¹	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	479 709	554 051	1.92	1.14	57.2	58.4	0.25	0.13
DEVELOPED COUNTRIES	18 490	20 607	0.15	0.70	12.4	13.2	-0.51	0.24
NORTH AMERICA	4 056	5 098	-0.29	1.18	11.5	13.3	-1.20	0.40
Canada	384	463	2.18	1.79	11.0	12.0	1.06	0.86
United States	3 673	4 636	-0.52	1.13	11.6	13.4	-1.41	0.35
EUROPE	3 611	3 996	0.11	1.09	4.9	5.4	-0.08	1.10
European Union	2 590	2 888	0.57	0.95	5.1	5.6	0.24	0.81
Russian Federation	630	705	-2.16	2.06	4.4	5.1	-2.07	2.39
Ukraine	156	149	-1.16	-0.70	3.3	3.4	-1.00	-0.08
OCEANIA DEVELOPED	382	485	0.52	2.06	13.9	15.5	-1.03	0.88
Australia	340	444	0.41	2.27	14.8	16.9	-1.23	1.04
New Zealand	42	41	1.75	0.00	9.5	8.3	0.65	-0.91
OTHER DEVELOPED ²	10 440	11 028	0.32	0.30	34.4	33.8	-0.64	-0.44
Japan	8 454	8 379	-0.47	-0.10	57.3	55.6	-1.00	-0.41
South Africa	1 158	1 660	5.54	1.83	21.0	28.4	4.72	1.27
DEVELOPING COUNTRIES	461 219	533 444	2.00	1.15	68.1	68.5	0.14	-0.01
AFRICA	28 955	40 998	4.64	3.42	25.0	27.8	1.87	1.17
NORTH AFRICA	4 441	5 600	1.95	2.15	23.7	25.8	0.88	0.88
Algeria	111	134	6.07	1.89	2.9	2.9	4.20	0.42
Egypt	3 978	4 918	1.53	1.97	43.7	46.2	0.33	0.60
SUB-SAHARAN AFRICA	24 514	35 398	5.19	3.64	25.3	28.1	2.07	1.21
LATIN AMERICA and CARIBBEAN	19 719	23 266	0.45	2.21	30.6	32.5	-0.67	1.29
Argentina	414	451	2.35	3.21	10.1	10.1	1.46	2.42
Brazil	8 248	9 798	-0.95	3.20	41.5	45.6	-1.87	2.48
Chile	207	227	1.69	0.77	11.6	11.7	0.82	-0.01
Mexico	1 004	1 452	1.06	3.97	8.3	10.7	-0.20	2.91
Uruguay	98	88	-2.15	0.93	7.4	7.5	-4.66	0.50
ASIA and PACIFIC	412 545	469 180	1.91	0.93	84.6	86.0	0.25	0.04
Bangladesh	34 333	38 716	3.24	1.18	166.9	167.7	0.89	-0.07
China ³	133 062	143 114	1.00	0.22	76.6	76.2	-0.21	-0.03
India	95 341	115 009	1.80	1.32	73.4	78.0	0.11	0.17
Indonesia	44 693	51 015	3.30	1.06	161.7	162.7	1.00	-0.02
Iran, Islamic Republic of	3 081	3 668	1.27	1.07	35.8	38.2	0.38	-0.01
Korea	4 530	4 490	-1.08	-0.42	68.7	51.3	-2.09	-2.80
Pakistan	2 939	3 476	4.01	1.70	13.6	13.9	4.08	0.27
Philippines	13 048	14 888	1.49	1.48	120.9	117.0	0.81	-0.14
Thailand	13 875	15 021	2.99	0.61	141.9	146.3	1.55	0.06
Turkey	712	940	3.07	1.93	8.9	10.6	1.52	0.98
Viet Nam	21 717	24 894	1.64	1.12	189.4	192.7	0.50	0.12
LDC Asia ⁴	30 238	36 015	2.81	1.79	124.4	126.5	0.19	0.35
LEAST DEVELOPED COUNTRIES (LDC)	79 934	96 018	3.45	1.83	67.7	64.9	0.25	-0.33
OECD⁵	22 196	24 245	-0.21	0.57	15.3	15.2	-1.07	-0.27
BRICS	238 439	270 286	1.25	0.79	68.5	71.1	-0.09	0.22

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

1. Least-squares growth rate (see glossary).
2. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
3. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
4. LDC Asia includes Afghanistan, Bhutan, Myanmar, Cambodia, Lao Peoples' Democratic Republic, Nepal, Yemen, Timor Meste, Maldives.
5. Excludes Iceland but includes all EU28 member countries.

Source: OECD and FAO Secretariats.


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Table A.10. Main policy assumptions for cereal markets

Crop year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
ARGENTINA												
Crops export tax	%	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
Rice export tax	%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
CANADA												
Tariff-quotas ²												
Wheat	kt	350.0	350.0	350.0	350.0	350.0	350.0	350.0	350.0	350.0	350.0	350.0
In-quota tariff	%	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Out-of-quota tariff	%	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
Barley	kt	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
In-quota tariff	%	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Out-of-quota tariff	%	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
EUROPEAN UNION³												
Cereal reference price ⁴	EUR/t	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3
Direct aids ceilings ⁵	bln EUR	42.6	42.6	42.6	42.8	42.8	42.9	42.9	42.9	43.0	43.0	43.0
Rice reference price ⁶	EUR/t	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
Direct payment for rice	EUR/ha	112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wheat tariff-quota ²	kt	3 346.0	3 346.0	3 346.0	3 346.0	3 346.0	3 346.0	3 346.0	3 346.0	3 346.0	3 346.0	3 346.0
Coarse grain tariff-quota ²	kt	3 518.3	3 518.3	3 518.3	3 518.3	3 518.3	3 518.3	3 518.3	3 518.3	3 518.3	3 518.3	3 518.3
Subsidised export limits (WTO) ²												
Wheat	Mt	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
Coarse grains ⁷	Mt	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
JAPAN												
Wheat tariff-quota	kt	5 740.0	5 740.0	5 740.0	5 740.0	5 740.0	5 740.0	5 740.0	5 740.0	5 740.0	5 740.0	5 740.0
In-quota tariff	'000 JPY/t	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Out-of-quota tariff	'000 JPY/t	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Barley tariff-quota	kt	1 369.0	1 369.0	1 369.0	1 369.0	1 369.0	1 369.0	1 369.0	1 369.0	1 369.0	1 369.0	1 369.0
In-quota tariff	'000 JPY/t	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Out-of-quota tariff	'000 JPY/t	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
Rice tariff-quota	kt	682.2	682.2	682.2	682.2	682.2	682.2	682.2	682.2	682.2	682.2	682.2
In-quota tariff	'000 JPY/t	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Out-of-quota tariff	'000 JPY/t	341.0	341.0	341.0	341.0	341.0	341.0	341.0	341.0	341.0	341.0	341.0
KOREA												
Wheat tariff	%	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
Maize tariff-quota	kt	6 102.0	6 102.0	6 102.0	6 102.0	6 102.0	6 102.0	6 102.0	6 102.0	6 102.0	6 102.0	6 102.0
In-quota tariff	%	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Out-of-quota tariff	%	403.5	403.5	403.5	403.5	403.5	403.5	403.5	403.5	403.5	403.5	403.5
Barley tariff-quota	kt	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
In-quota tariff	%	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
Out-of-quota tariff	%	359.3	359.3	359.3	359.3	359.3	359.3	359.3	359.3	359.3	359.3	359.3
Rice quota ⁸	kt	205.2	205.2	205.2	205.2	205.2	205.2	205.2	205.2	205.2	205.2	205.2
In-quota tariff	%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MERCOSUR												
Wheat tariff	%	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Coarse grain tariff	%	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Rice tariff	%	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
MEXICO												
Barley import tariff	%	110.1	60.0	45.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
UNITED STATES												
ACRE participation rate												
Wheat	%	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Coarse grains	%	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Rice	%	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Wheat loan rate	USD/t	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0
Maize loan rate	USD/t	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
Prod. flex. contract payment												
Wheat	USD/t	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
Maize	USD/t	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
CRP areas ⁹												
Wheat	Mha	3.1	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Coarse grains	Mha	2.8	2.9	3.0	3.0	3.0	3.0	3.0	3.0	2.6	2.6	2.6
Subsidised export limits (WTO) ²												
Wheat	Mt	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
Coarse grains	Mt	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6

Table A.10. Main policy assumptions for cereal markets (cont.)

Crop year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
CHINA												
Wheat tariff-quota	kt	9 636	9 636	9 636	9 636	9 636	9 636	9 636	9 636	9 636	9 636	9 636
In-quota tariff	%	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Out-of-quota tariff	%	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
Coarse grains tariff	%	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Maize tariff-quota	kt	7 200	7 200	7 200	7 200	7 200	7 200	7 200	7 200	7 200	7 200	7 200
In-quota tariff	%	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Out-of-quota tariff	%	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
Rice tariff-quota	kt	5 320	5 320	5 320	5 320	5 320	5 320	5 320	5 320	5 320	5 320	5 320
In-quota tariff	%	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Out-of-quota tariff	%	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
INDIA												
Minimum support price												
Rice	INR/t	12 250	14 400	15 158	15 832	16 632	17 349	18 212	19 113	20 080	21 063	22 076
Wheat	INR/t	13 371	15 477	16 252	17 063	17 800	18 579	19 619	20 713	21 860	23 073	24 397
Wheat tariff	%	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
Maize tariff	%	18.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
Rice tariff	%	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
RUSSIAN FEDERATION												
Wheat ad valorem import tax	%	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rice tariff equivalent of import barriers	%	9.4	11.7	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse grains tariff equivalent of import barriers	%	2.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse grain specific tariff	RUB/t	3.2	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse grain ad valorem import tax	%	2.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

The sources for tariffs and Tariff Rate Quotas are the national questionnaire reply, UNCTAD and WTO.

1. Indian input subsidies consist of those for electricity, fertiliser and irrigation.
2. Year beginning 1 July.
3. Till 2014, EU farmers can be granted the Single payment scheme (SPS) or the Single area payment scheme (SAPS), which provides flat-rate payments independent from current production decisions and market developments. From 2015, it becomes the Basic payment scheme (BPS) and it shall account for 68% maximum of the national direct payment envelopes. On top of this, from 2015 onwards, new compulsory policy instruments are introduced: the Green Payment (30%) and young farmer scheme (2%).
4. Buying-in at the fixed reference price is operable automatically only for common wheat up to a maximum quantity of 3 million tons per marketing year. Above that ceiling and for durum wheat, maize and barley intervention can take place only via tender.
5. Estimated net amounts for all direct payments based on EU Regulation No 1307/2013. Possible reductions of the payments due to the depressivity as well as potential transfers between direct aids and rural development envelopes are not accounted for.
6. Intervention is set at zero tonnes per marketing year. However, the Commission may initiate intervention if market requires.
7. The export volume excludes 0.4 Mt of exported potato starch. The original limit on subsidised exports is 10.8 Mt.
8. Husked rice basis.
9. Includes wheat, barley, maize, oats and sorghum.

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933101594>

Table A.11. World oilseed projections

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
OILSEED (crop year)¹												
World												
Production	Mt	402.6	433.9	432.8	442.1	450.2	459.7	468.3	477.5	486.8	496.5	507.1
Area	Mha	190.1	197.3	196.0	198.8	199.6	201.4	202.9	204.9	207.1	209.0	211.1
Yield	t/ha	2.12	2.20	2.21	2.22	2.26	2.28	2.31	2.33	2.35	2.38	2.40
Consumption	Mt	402.6	426.1	434.2	443.9	451.8	459.9	468.1	477.5	487.4	496.9	506.9
Crush	Mt	350.6	372.1	379.3	388.2	395.6	403.1	410.6	419.5	428.7	437.6	447.1
Exports	Mt	114.5	123.1	124.3	126.3	127.1	128.6	130.0	131.8	133.5	135.2	137.3
Closing stocks	Mt	39.3	51.5	49.7	47.5	45.5	45.0	44.8	44.3	43.3	42.6	42.4
Price ²	USD/t	567.3	511.7	493.4	494.2	507.1	518.3	518.6	519.4	521.2	523.4	522.0
Developed countries												
Production	Mt	173.0	180.1	181.4	185.0	187.8	191.4	193.9	197.0	200.8	203.9	207.6
Consumption	Mt	140.8	144.0	145.5	148.2	150.0	151.9	153.6	155.9	158.5	160.5	162.7
Crush	Mt	128.1	130.2	131.6	134.1	135.8	137.7	139.3	141.5	143.9	146.0	148.1
Closing stocks	Mt	14.4	16.4	16.8	16.7	16.3	16.2	16.3	16.6	16.7	16.9	17.1
Developing countries												
Production	Mt	229.5	253.7	251.5	257.1	262.4	268.3	274.4	280.5	286.0	292.6	299.6
Consumption	Mt	261.8	282.1	288.8	295.7	301.9	308.0	314.5	321.6	328.9	336.3	344.2
Crush	Mt	222.5	241.9	247.7	254.1	259.8	265.4	271.3	278.0	284.7	291.7	299.0
Closing stocks	Mt	25.0	35.1	32.9	30.8	29.3	28.7	28.5	27.8	26.6	25.8	25.3
OECD³												
Production	Mt	144.9	153.4	153.5	155.9	157.9	160.4	162.1	164.1	166.6	168.8	171.3
Consumption	Mt	124.8	128.7	129.6	131.5	132.6	133.8	134.9	136.4	138.0	139.5	140.9
Crush	Mt	113.4	116.5	117.2	119.0	120.0	121.2	122.1	123.5	125.0	126.4	127.8
Closing stocks	Mt	13.0	15.4	15.8	15.6	15.2	15.2	15.2	15.5	15.6	15.7	15.9
PROTEIN MEALS (marketing year)												
World												
Production	Mt	276.8	294.4	299.0	305.2	310.6	316.8	322.8	329.5	336.6	343.5	350.8
Consumption	Mt	277.0	292.9	298.7	304.9	310.1	316.9	322.6	329.4	336.5	343.4	350.6
Closing stocks	Mt	17.0	19.1	19.5	20.0	20.6	20.7	21.0	21.2	21.5	21.8	22.1
Price ⁴	USD/t	466.3	430.3	408.4	408.8	400.1	400.2	398.5	399.8	402.9	404.3	403.8
Developed countries												
Production	Mt	90.0	91.3	91.5	93.0	93.8	95.0	95.8	97.2	98.8	100.1	101.4
Consumption	Mt	108.3	111.4	111.6	112.7	113.2	114.5	115.4	116.3	117.6	118.7	119.6
Closing stocks	Mt	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8
Developing countries												
Production	Mt	187.5	203.1	207.5	212.3	216.8	221.8	226.9	232.3	237.8	243.4	249.4
Consumption	Mt	168.7	181.5	187.1	192.3	196.9	202.4	207.2	213.2	218.9	224.7	231.0
Closing stocks	Mt	15.6	17.4	17.8	18.3	19.0	19.0	19.3	19.5	19.8	20.0	20.4
OECD³												
Production	Mt	84.3	86.1	86.0	87.1	87.7	88.4	89.0	90.0	91.1	92.1	93.1
Consumption	Mt	113.0	116.9	117.1	118.4	118.9	120.1	121.2	122.2	123.5	124.7	125.5
Closing stocks	Mt	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8
VEGETABLE OILS (marketing year)												
World												
Production	Mt	162.5	172.7	176.7	181.2	185.0	189.0	192.8	196.9	200.9	204.8	208.7
Of which palm oil	Mt	55.6	60.1	62.0	63.8	65.6	67.3	68.9	70.5	72.0	73.4	74.8
Consumption	Mt	161.5	172.2	176.2	180.6	184.6	188.8	192.6	196.8	200.3	204.0	207.9
Food	Mt	132.6	140.9	143.8	146.8	149.3	152.1	154.7	157.6	160.7	164.1	167.4
Biofuel	Mt	19.0	20.6	21.6	22.9	24.3	25.6	26.6	27.8	28.0	28.3	28.8
Exports	Mt	67.3	70.8	72.8	74.6	76.2	78.0	79.6	81.5	83.2	84.9	86.5
Closing stocks	Mt	22.9	23.7	24.0	24.4	24.5	24.5	24.4	24.3	24.7	25.2	25.7
Price ⁵	USD/t	1 036.0	900.1	918.8	937.2	953.8	981.5	991.2	1 010.3	1 018.1	1 030.1	1 042.0
Developed countries												
Production	Mt	41.2	41.5	41.9	42.8	43.3	44.0	44.6	45.3	46.1	46.8	47.5
Consumption	Mt	47.3	47.7	48.2	49.0	49.9	50.6	51.1	52.0	52.0	51.9	52.1
Closing stocks	Mt	3.7	4.6	5.1	5.2	5.0	4.8	4.4	3.9	4.0	4.1	4.3
Developing countries												
Production	Mt	121.5	131.2	134.8	138.4	141.7	145.0	148.3	151.6	154.8	158.0	161.2
Consumption	Mt	114.2	124.5	128.0	131.6	134.7	138.2	141.5	144.8	148.3	152.1	155.8
Closing stocks	Mt	19.2	19.1	18.9	19.1	19.4	19.7	20.1	20.4	20.7	21.1	21.4
OECD³												
Production	Mt	34.7	35.3	35.4	36.0	36.3	36.7	36.9	37.4	37.8	38.3	38.7
Consumption	Mt	46.2	46.7	47.1	47.8	48.5	49.1	49.6	50.5	50.5	50.4	50.5
Closing stocks	Mt	3.3	4.4	4.9	5.0	4.8	4.5	4.1	3.6	3.6	3.8	3.9

Note: Average 2011-13est: Data for 2013 are estimated.

1. Crop year : See Glossary of Terms for definitions.
Cotton seeds have been extracted from the oilseed total. Based on the cotton outlook, cotton seed production and crush would reach about 50 Mt in 2022.
2. Weighted average oilseed price, European port.
3. Excludes Iceland but includes all EU28 member countries.
4. Weighted average protein meal, European port.
5. Weighted average price of oilseed oils and palm oil, European port.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933101613>

Table A.12.1. Oilseed projections: Production and trade

Crop year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	402 593	507 126	3.12	1.86	115 128	136 874	6.13	1.21	114 480	137 268	6.01	1.21
DEVELOPED COUNTRIES	173 049	207 551	3.25	1.62	25 121	24 684	-0.30	-0.35	57 204	69 273	6.12	1.38
NORTH AMERICA	109 961	129 848	1.72	1.15	1 865	1 787	3.09	0.26	49 481	60 110	5.07	1.07
Canada	20 389	24 347	8.05	2.06	511	515	-3.46	0.18	11 256	13 576	9.19	1.88
United States	89 572	105 501	0.65	0.95	1 353	1 272	7.24	0.29	38 225	46 534	4.16	0.85
EUROPE	56 604	69 808	6.12	2.45	17 140	17 491	0.37	0.06	4 709	6 021	14.63	4.55
European Union	28 604	33 938	2.87	1.71	15 920	16 383	-0.23	0.08	671	549	-2.49	0.38
Russian Federation	11 969	12 884	7.58	2.81	724	472	63.48	-1.28	370	230	5.83	-0.18
Ukraine	13 873	19 942	15.30	3.43	31	35	7.21	-0.05	3 238	4 232	30.78	4.69
OCEANIA DEVELOPED	3 767	4 252	15.66	2.50	39	31	-1.61	-0.01	2 750	2 952	22.79	2.48
Australia	3 757	4 242	15.68	2.51	32	27	-1.37	0.00	2 750	2 952	22.80	2.48
New Zealand	10	10	12.37	0.00	7	5	-1.56	-0.08	0	0	-0.13	-1.48
OTHER DEVELOPED ¹	2 717	3 642	6.95	2.63	6 077	5 374	-2.72	-1.76	263	189	13.90	1.42
Japan	256	255	1.78	0.00	5 228	4 379	-3.28	-2.08	0	0	-14.88	0.00
South Africa	1 486	2 096	7.00	1.44	49	3	-3.71	-19.08	103	0	21.50	-99.97
DEVELOPING COUNTRIES	229 544	299 575	3.03	2.03	90 006	112 190	8.68	1.59	57 276	67 995	5.93	1.03
AFRICA	9 925	11 578	0.88	1.55	3 029	3 942	9.51	1.88	280	448	8.13	12.90
NORTH AFRICA	556	659	0.23	1.66	2 920	3 757	10.05	1.77	39	24	4.46	-2.04
Algeria	119	138	1.48	2.00	218	241	11.58	0.53	0	0	0.00	-0.04
Egypt	268	314	-0.36	1.42	1 863	2 359	13.95	1.98	33	21	12.54	-1.94
SUB-SAHARAN AFRICA	9 369	10 920	0.92	1.54	110	185	0.08	4.66	241	425	9.06	14.77
LATIN AMERICA and CARIBBEAN	141 477	188 987	4.46	1.94	7 490	7 367	-0.46	-0.40	54 901	65 115	6.13	0.87
Argentina	52 031	73 002	2.32	2.23	294	1	-55.17	0.00	11 914	14 427	1.61	-0.36
Brazil	74 718	92 554	5.30	1.28	213	66	-2.17	-7.18	34 851	37 725	7.25	0.38
Chile	86	106	1.50	1.98	196	363	-1.47	1.57	4	4	-7.37	-1.29
Mexico	331	331	5.90	-0.54	5 398	5 578	1.97	-0.09	11	12	7.67	0.00
Uruguay	3 160	5 382	22.10	5.03	4	3	-7.53	-1.11	2 881	4 846	23.88	4.99
ASIA and PACIFIC	78 142	99 010	1.03	2.27	79 488	100 881	9.94	1.74	2 095	2 432	1.13	4.66
Bangladesh	370	434	3.32	1.51	256	265	-1.84	2.14	0	0	0.00	-0.16
China ²	45 495	55 805	0.18	2.12	63 826	81 457	12.08	1.87	1 034	943	-4.57	0.54
India	23 633	31 936	1.78	2.62	175	173	45.89	5.67	628	982	10.60	13.54
Indonesia	2 099	2 641	1.56	3.20	2 083	2 513	6.32	1.31	2	2	-5.58	-0.11
Iran, Islamic Republic of	505	643	2.28	2.13	698	971	-1.23	0.03	3	3	0.00	0.00
Korea	147	153	0.44	0.00	1 202	1 453	-1.16	1.55	0	0	-1.54	0.00
Malaysia	7	8	5.02	1.75	582	796	0.09	1.46	29	29	0.64	-1.44
Pakistan	1 066	1 120	9.08	1.62	1 193	1 574	5.39	0.95	53	44	147.17	-0.96
Saudi Arabia	4	4	0.00	0.00	5	6	0.00	1.42	0	0	0.00	-1.40
Turkey	1 545	2 265	8.60	1.54	1 957	2 154	2.58	1.41	58	78	45.51	2.22
LEAST DEVELOPED COUNTRIES (LDC)	6 932	8 258	1.69	1.54	397	342	-1.04	0.90	100	163	3.53	9.12
OECD³	144 859	171 308	2.22	1.29	32 882	33 534	-0.15	-0.05	52 995	63 725	5.41	1.13
BRICS	157 302	195 276	3.20	1.82	64 987	82 171	12.15	1.82	36 985	39 880	6.80	0.53

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.


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Table A.12.2. Oilseed projections: Consumption, domestic crush

Crop year

	CONSUMPTION (kt)		Growth (%) ¹		DOMESTIC CRUSH (kt)		Growth (%) ¹	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	402 644	506 926	3.24	1.93	350 586	447 109	3.50	2.05
DEVELOPED COUNTRIES	140 812	162 728	1.94	1.37	128 106	148 098	2.35	1.45
NORTH AMERICA	62 179	71 336	0.10	1.17	56 088	64 007	0.46	1.23
Canada	9 416	11 169	6.79	1.75	8 433	10 181	8.01	1.55
United States	52 763	60 167	-0.79	1.07	47 654	53 826	-0.51	1.17
EUROPE	68 998	81 255	4.28	1.72	63 673	75 316	4.76	1.80
European Union	43 986	49 767	2.03	1.14	40 651	46 258	2.41	1.18
Russian Federation	12 361	13 123	8.93	2.66	11 704	12 330	9.35	2.72
Ukraine	10 470	15 734	12.83	2.95	9 515	14 502	14.36	3.19
OCEANIA DEVELOPED	957	1 331	3.70	2.47	931	1 307	3.94	2.53
Australia	941	1 317	3.67	2.50	920	1 295	3.89	2.55
New Zealand	17	14	5.51	0.02	12	12	8.37	0.02
OTHER DEVELOPED ²	8 677	8 804	-0.60	-0.15	7 414	7 469	-0.81	-0.18
Japan	5 562	4 632	-3.01	-1.89	4 711	3 742	-3.27	-2.36
South Africa	1 520	2 083	5.97	2.20	1 356	2 000	5.93	3.09
DEVELOPING COUNTRIES	261 831	344 198	3.99	2.21	222 480	299 012	4.20	2.36
AFRICA	12 720	15 066	2.40	1.42	7 911	9 376	3.47	1.32
NORTH AFRICA	3 460	4 387	8.19	1.77	3 242	4 145	8.73	1.81
Algeria	341	378	7.29	1.04	320	353	7.44	0.95
Egypt	2 104	2 648	11.21	1.94	1 967	2 500	12.36	2.02
SUB-SAHARAN AFRICA	9 260	10 679	0.79	1.28	4 669	5 231	0.82	0.95
LATIN AMERICA and CARIBBEAN	93 013	131 680	2.75	2.56	86 459	124 551	2.50	2.68
Argentina	39 671	58 564	1.60	2.94	38 621	57 442	1.57	2.98
Brazil	39 944	55 382	3.49	2.45	35 409	50 586	2.78	2.67
Chile	281	465	-0.30	1.69	271	452	-0.38	1.69
Mexico	5 717	5 897	2.14	-0.11	5 375	5 542	3.21	-0.13
Uruguay	265	534	11.26	5.41	239	500	11.95	5.72
ASIA and PACIFIC	156 098	197 452	4.95	2.04	128 110	165 085	5.54	2.18
Bangladesh	623	699	1.71	1.74	538	578	1.12	1.43
China ³	108 768	136 380	6.12	2.08	88 775	113 646	7.26	2.32
India	23 184	31 077	1.52	2.46	19 491	26 050	0.93	2.28
Indonesia	4 162	5 150	3.62	2.09	2 239	3 499	5.92	3.44
Iran, Islamic Republic of	1 183	1 610	0.18	0.83	1 126	1 541	0.09	0.80
Korea	1 401	1 605	-0.29	1.39	996	1 078	-0.22	1.06
Malaysia	543	774	-0.25	1.26	537	767	-0.27	1.26
Pakistan	2 198	2 646	6.86	1.26	1 966	2 364	6.96	1.13
Saudi Arabia	9	10	0.00	0.85	6	7	0.00	1.03
Turkey	3 501	4 339	4.84	1.48	3 202	3 912	4.44	1.35
LEAST DEVELOPED COUNTRIES (LDC)	7 248	8 437	1.58	1.42	4 601	5 263	0.97	1.23
OECD⁴	124 797	140 917	0.81	1.01	113 414	127 825	1.19	1.04
BRICS	185 777	238 045	5.02	2.24	156 734	204 612	5.33	2.43

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

1. Least-squares growth rate (see glossary).
2. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
3. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
4. Excludes Iceland but includes all EU28 member countries.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933101651>

Table A.13.1. Protein meal projections: Production and trade

Marketing year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	276 764	350 778	3.17	1.98	77 167	98 952	3.43	2.19	77 125	98 794	2.87	2.20
DEVELOPED COUNTRIES	89 997	101 422	1.44	1.22	38 408	40 278	1.03	0.31	20 048	22 073	7.32	1.62
NORTH AMERICA	46 624	51 944	0.07	1.06	4 225	5 097	5.15	2.11	13 276	14 060	5.64	0.83
Canada	5 191	6 214	6.76	1.50	967	920	-4.14	3.32	3 537	3 823	12.02	1.09
United States	41 433	45 731	-0.57	1.00	3 257	4 177	10.00	1.88	9 739	10 237	3.90	0.73
EUROPE	36 332	42 145	3.91	1.62	27 660	27 250	-0.80	-0.29	6 434	7 663	11.71	3.25
European Union	25 634	28 835	1.68	1.08	25 357	25 063	-1.12	-0.42	1 055	1 101	4.31	0.27
Russian Federation	5 453	5 945	10.18	2.66	517	696	-5.17	3.86	1 719	1 104	11.13	5.23
Ukraine	4 469	6 806	16.45	3.19	56	32	-5.48	-3.35	3 352	5 274	16.63	3.76
OCEANIA DEVELOPED	978	1 194	5.53	1.55	2 261	2 754	17.23	1.51	64	85	20.74	0.00
Australia	970	1 187	5.53	1.56	659	832	3.82	1.94	64	85	20.75	0.00
New Zealand	8	8	7.09	0.00	1 602	1 922	31.87	1.32	0	0	..	..
OTHER DEVELOPED ¹	6 063	6 139	-1.14	-0.12	4 263	5 177	6.58	1.35	274	265	6.45	1.47
Japan	3 237	2 607	-3.65	-2.40	2 403	2 659	6.98	0.54	2	0	-31.08	0.00
South Africa	862	1 254	5.78	3.01	1 310	1 759	5.62	1.68	52	48	35.65	-1.60
DEVELOPING COUNTRIES	187 516	249 356	4.05	2.31	38 758	58 674	6.31	3.72	57 077	76 721	1.63	2.37
AFRICA	7 026	8 812	2.42	1.90	3 354	4 983	6.53	3.62	423	522	-0.37	-6.77
NORTH AFRICA	2 514	3 189	7.64	1.76	3 018	4 579	6.61	3.54	6	5	5.28	-0.57
Algeria	209	236	9.19	0.95	989	1 473	7.70	3.66	0	0	0.00	-0.26
Egypt	1 596	1 984	9.23	1.91	897	1 369	6.32	3.75	2	2	0.00	-0.29
SUB-SAHARAN AFRICA	4 512	5 623	0.23	1.99	335	405	5.92	4.68	417	516	-0.44	-6.82
LATIN AMERICA and CARIBBEAN	67 464	97 681	2.52	2.69	8 151	10 679	2.33	2.47	42 821	60 394	1.01	2.68
Argentina	29 424	43 432	1.76	2.91	0	0	0.00	0.00	26 269	37 984	1.13	2.50
Brazil	28 377	40 984	2.73	2.77	12	35	-34.50	9.43	13 278	18 356	-0.56	3.33
Chile	197	331	-0.36	1.69	1 059	1 710	4.46	3.89	4	1	35.79	-1.79
Mexico	3 917	4 243	2.48	0.00	1 657	2 275	-0.28	2.46	29	33	13.17	0.00
Uruguay	134	295	11.50	5.68	271	316	16.35	0.91	20	18	20.33	-0.90
ASIA and PACIFIC	113 026	142 863	5.19	2.08	27 254	43 011	7.75	4.07	13 833	15 805	3.95	1.73
Bangladesh	371	421	0.68	1.68	403	747	11.38	4.48	0	0	0.00	-0.48
China ²	69 102	84 441	6.98	1.92	1 147	9 332	12.57	17.98	1 027	277	-0.65	-3.35
India	18 870	26 118	2.46	2.93	79	71	1.92	-0.56	4 817	7 437	2.89	4.86
Indonesia	5 666	8 089	7.19	2.80	3 657	4 023	7.85	0.36	3 646	3 712	7.75	-0.35
Iran, Islamic Republic of	1 001	1 322	0.71	0.85	2 310	2 620	22.61	0.75	167	238	31.25	-0.74
Korea	831	894	-0.18	0.99	3 487	4 160	2.49	1.34	0	0	..	..
Malaysia	3 052	3 941	1.80	1.78	1 278	1 256	5.75	-0.61	2 445	2 780	2.07	0.61
Pakistan	3 609	4 672	0.94	2.36	630	885	15.02	3.96	130	94	15.59	-2.82
Saudi Arabia	38	3	3.71	0.96	721	988	0.98	1.52	0	0	-3.96	-0.26
Turkey	2 541	2 980	2.50	1.09	1 846	3 205	10.74	3.63	190	97	13.15	-3.48
LEAST DEVELOPED COUNTRIES (LDC)	3 140	4 006	0.54	2.21	594	1 407	9.07	7.23	176	93	-2.16	-5.60
OECD³	84 333	93 089	0.58	0.91	43 424	47 840	1.28	0.68	14 725	15 382	5.57	0.75
BRICS	122 664	158 741	5.23	2.33	3 066	11 893	3.70	12.32	20 893	27 222	0.86	3.69

.. Not available

Note: Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933101670>

Table A.13.2. Protein meal projections: Consumption

Marketing year

	CONSUMPTION (kt)		Growth (%) ¹	
	Average 2011-13est	2023	2004-13	2014-23
WORLD	277 044	350 576	3.36	2.01
DEVELOPED COUNTRIES	108 297	119 603	0.47	0.83
NORTH AMERICA	37 605	42 979	-1.00	1.25
Canada	2 630	3 311	-1.79	2.51
United States	34 975	39 669	-0.94	1.16
EUROPE	57 516	61 719	0.93	0.57
European Union	49 937	52 797	0.15	0.36
Russian Federation	4 247	5 530	6.81	2.34
Ukraine	1 135	1 561	14.11	1.42
OCEANIA DEVELOPED	3 170	3 863	12.23	1.56
Australia	1 560	1 933	4.16	1.80
New Zealand	1 610	1 930	31.98	1.32
OTHER DEVELOPED ²	10 006	11 042	1.29	0.50
Japan	5 645	5 265	-0.19	-1.09
South Africa	2 064	2 956	4.86	2.40
DEVELOPING COUNTRIES	168 748	230 973	5.62	2.68
AFRICA	9 183	13 258	4.46	3.15
NORTH AFRICA	5 494	7 750	6.93	2.80
Algeria	1 154	1 700	7.32	3.36
Egypt	2 512	3 350	7.60	2.64
SUB-SAHARAN AFRICA	3 689	5 508	1.48	3.65
LATIN AMERICA and CARIBBEAN	33 171	47 925	4.84	2.87
Argentina	3 295	5 367	7.49	4.46
Brazil	15 233	22 725	6.55	3.11
Chile	1 244	2 035	3.61	3.58
Mexico	5 544	6 484	1.56	0.80
Uruguay	385	592	14.34	3.12
ASIA and PACIFIC	126 394	169 789	5.93	2.59
Bangladesh	768	1 168	5.14	3.42
China ³	69 767	93 335	7.35	2.80
India	14 072	18 714	2.64	2.29
Indonesia	5 534	8 378	7.07	3.14
Iran, Islamic Republic of	3 111	3 700	10.81	0.94
Korea	4 316	5 054	2.01	1.28
Malaysia	1 885	2 414	3.83	1.83
Pakistan	4 083	5 458	1.91	2.74
Saudi Arabia	742	990	1.05	1.57
Turkey	4 152	6 078	4.96	2.53
LEAST DEVELOPED COUNTRIES (LDC)	3 552	5 317	1.79	3.59
OECD⁴	113 009	125 529	0.32	0.84
BRICS	105 383	143 261	6.42	2.75

Note: Average 2011-13est: Data for 2013 are estimated.

1. Least-squares growth rate (see glossary).
2. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
3. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
4. Excludes Iceland but includes all EU28 member countries.

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933101689>

Table A.14.1. Vegetable oil projections: Production and trade

Marketing year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	162 470	208 690	4.32	2.12	67 639	86 233	5.15	2.24	67 268	86 470	4.83	2.23
DEVELOPED COUNTRIES	41 224	47 492	3.45	1.53	17 172	18 065	3.33	0.76	10 913	13 268	12.10	2.75
NORTH AMERICA	15 016	16 547	0.95	1.07	3 997	4 953	8.38	-0.58	3 905	5 188	9.30	2.93
Canada	3 353	4 058	9.83	1.63	347	369	3.53	0.00	2 686	3 240	13.31	2.00
United States	11 663	12 489	-0.77	0.90	3 649	4 584	8.98	-0.63	1 219	1 948	3.43	4.67
EUROPE	23 078	27 703	5.88	1.97	10 623	10 185	1.74	1.32	6 759	7 818	14.30	2.69
European Union	14 350	16 513	3.76	1.34	8 784	8 292	1.87	1.51	1 465	954	9.06	-2.35
Russian Federation	4 261	4 486	8.20	2.81	820	954	-1.51	2.19	1 574	1 366	17.56	6.94
Ukraine	4 071	6 214	14.02	3.19	375	295	2.49	-2.91	3 487	5 249	17.22	3.00
OCEANIA DEVELOPED	494	651	3.66	1.94	512	574	6.26	0.90	145	188	17.23	1.99
Australia	489	646	3.63	1.96	406	467	9.01	1.08	145	188	17.31	1.99
New Zealand	5	5	7.77	0.00	107	108	-0.70	0.14	0	0	-0.69	-0.19
OTHER DEVELOPED ¹	2 636	2 591	0.18	-0.03	2 040	2 353	3.22	1.30	104	74	1.67	-0.55
Japan	1 481	1 133	-1.46	-2.30	750	953	1.63	2.50	1	0	16.35	0.00
South Africa	401	561	4.26	2.90	847	869	4.04	0.21	66	46	-0.27	-0.21
DEVELOPING COUNTRIES	121 486	161 198	4.60	2.29	50 467	68 168	5.84	2.68	56 355	73 202	3.81	2.14
AFRICA	5 781	7 378	2.58	2.24	7 362	9 910	5.02	3.04	1 200	1 135	10.90	-1.07
NORTH AFRICA	770	936	5.98	1.54	3 027	3 789	2.57	1.94	424	340	14.48	-1.91
Algeria	92	99	4.74	0.96	577	731	-1.09	2.25	33	31	-12.64	-2.20
Egypt	419	519	7.85	1.88	1 724	2 204	4.93	1.93	339	289	34.63	-1.90
SUB-SAHARAN AFRICA	5 011	6 442	2.13	2.34	4 335	6 121	7.04	3.79	776	795	9.86	-0.69
LATIN AMERICA and CARIBBEAN	21 647	30 669	2.90	2.57	4 290	4 881	4.74	1.38	8 305	13 243	-2.83	3.17
Argentina	7 840	11 811	1.22	3.13	13	17	4.09	-0.09	4 646	7 680	-3.94	3.43
Brazil	7 581	10 592	2.82	2.42	423	626	15.27	3.34	1 470	2 690	-8.65	4.26
Chile	69	106	-0.16	1.69	351	376	2.27	0.76	2	1	-9.38	-0.31
Mexico	1 670	1 793	3.00	0.25	886	960	4.28	1.47	26	4	-11.89	-3.33
Uruguay	68	133	12.04	5.69	83	113	11.79	3.90	2	2	0.00	-2.48
ASIA and PACIFIC	94 058	123 151	5.17	2.23	38 816	53 377	6.13	2.74	46 850	58 824	5.34	2.00
Bangladesh	228	256	2.35	1.78	1 616	2 215	4.69	2.63	0	0	0.00	-0.19
China ²	22 525	27 771	5.92	1.91	10 049	15 306	4.00	3.17	266	464	8.52	3.09
India	7 424	10 278	1.01	2.75	10 754	17 510	9.94	4.36	199	181	1.59	-2.52
Indonesia	32 611	45 715	8.32	2.66	52	61	0.52	-0.30	22 695	31 314	7.30	2.70
Iran, Islamic Republic of	303	385	0.65	0.86	1 839	2 329	6.20	1.28	236	228	8.81	-1.26
Korea	239	257	0.00	0.93	851	908	5.28	0.39	10	5	6.72	0.00
Malaysia	21 407	26 496	2.82	1.88	1 882	1 428	8.03	-1.47	19 390	22 491	3.62	1.49
Pakistan	1 311	1 652	2.64	2.02	2 407	3 036	3.94	1.98	119	102	-3.62	-1.94
Saudi Arabia	14	3	3.19	0.90	482	591	1.93	1.62	1	1	-22.06	-1.63
Turkey	1 270	1 548	4.00	1.19	1 368	1 548	4.31	0.35	543	555	26.92	-0.35
LEAST DEVELOPED COUNTRIES (LDC)	2 742	3 400	1.70	1.92	5 257	7 350	4.68	3.18	225	202	3.46	-1.09
OECD³	34 702	38 690	2.15	1.05	17 929	19 014	3.79	0.79	6 175	6 972	9.99	1.71
BRICS	42 192	53 687	4.51	2.25	22 892	35 265	6.30	3.63	3 576	4 747	-0.67	4.37

Note: Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.

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Table A.14.2. Vegetable oil projections: Consumption, per capita food use

Marketing year

	CONSUMPTION (kt)		Growth (%) ¹		PER CAPITA FOOD USE (kg)		Growth (%) ¹	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	161 549	207 920	4.43	2.11	18.8	21.1	1.61	0.87
DEVELOPED COUNTRIES	47 310	52 091	2.16	1.07	25.0	24.6	-0.71	-0.32
NORTH AMERICA	15 214	16 291	1.23	0.12	36.4	31.6	-1.58	-1.48
Canada	995	1 187	1.23	-0.06	25.3	21.9	-1.69	-0.94
United States	14 218	15 104	1.23	0.13	37.6	32.7	-1.57	-1.51
EUROPE	26 710	29 895	2.84	1.68	22.6	23.7	-0.08	0.24
European Union	21 462	23 693	2.64	1.76	22.8	22.8	-1.52	-0.23
Russian Federation	3 496	4 057	3.41	1.27	24.4	29.3	3.49	1.61
Ukraine	929	1 259	4.26	2.12	19.3	20.9	4.08	0.38
OCEANIA DEVELOPED	858	1 037	3.70	1.34	27.7	29.5	1.42	0.16
Australia	747	925	4.42	1.50	28.2	30.8	1.87	0.29
New Zealand	111	112	-0.31	0.13	24.9	22.7	-1.39	-0.78
OTHER DEVELOPED ²	4 529	4 867	1.26	0.61	16.6	17.0	0.40	0.17
Japan	2 193	2 085	-0.71	-0.36	17.2	16.8	-0.74	-0.11
South Africa	1 183	1 383	4.11	1.22	21.0	22.5	2.11	0.46
DEVELOPING COUNTRIES	114 239	155 829	5.50	2.49	17.2	20.3	2.71	1.28
AFRICA	11 638	16 133	3.48	2.99	11.2	11.9	0.82	0.53
NORTH AFRICA	3 326	4 375	2.33	2.17	19.5	22.1	0.77	0.83
Algeria	624	798	0.89	2.26	16.1	17.4	-0.89	0.81
Egypt	1 765	2 427	3.81	2.42	21.6	25.4	2.09	1.00
SUB-SAHARAN AFRICA	8 312	11 758	3.98	3.32	9.6	10.1	1.05	0.64
LATIN AMERICA and CARIBBEAN	17 484	22 278	7.44	1.86	19.7	21.7	1.02	0.65
Argentina	3 151	4 138	18.37	2.63	23.5	24.0	-0.62	0.20
Brazil	6 482	8 518	8.20	1.71	21.6	26.4	1.09	1.43
Chile	412	481	1.80	0.94	23.4	25.0	0.84	0.17
Mexico	2 493	2 749	3.54	0.67	20.6	20.2	2.26	-0.36
Uruguay	149	244	12.12	4.88	16.2	18.0	2.14	0.86
ASIA and PACIFIC	85 117	117 418	5.42	2.55	18.4	22.7	3.42	1.64
Bangladesh	1 832	2 468	4.36	2.52	11.7	14.0	3.20	1.43
China ³	31 530	42 528	4.78	2.34	22.5	29.0	3.99	1.95
India	17 864	27 562	5.64	3.76	14.2	19.4	4.16	2.65
Indonesia	9 980	14 392	11.34	2.52	19.3	23.2	2.23	1.65
Iran, Islamic Republic of	1 851	2 482	4.53	1.40	23.9	28.4	3.26	0.31
Korea	1 080	1 160	3.70	0.51	22.0	22.6	3.10	0.12
Malaysia	4 059	5 382	2.56	2.31	24.3	25.2	2.95	0.12
Pakistan	3 584	4 581	3.95	2.07	19.4	20.0	1.79	0.18
Saudi Arabia	485	592	2.06	1.58	17.0	17.5	0.05	0.09
Turkey	2 054	2 537	1.43	1.01	26.9	29.6	0.17	-0.02
LEAST DEVELOPED COUNTRIES (LDC)	7 751	10 541	3.54	2.84	8.8	9.4	1.10	0.64
OECD⁴	46 235	50 549	2.03	0.97	26.0	25.0	-1.02	-0.58
BRICS	60 555	84 048	5.26	2.64	19.1	24.6	3.65	2.02

Note: Average 2011-13est: Data for 2013 are estimated.

1. Least-squares growth rate (see glossary).
2. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
3. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
4. Excludes Iceland but includes all EU28 member countries.

Source: OECD and FAO Secretariats.


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Table A.15. Main policy assumptions for oilseed markets

Crop year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
ARGENTINA												
Oilseed export tax	%	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
Protein meal export tax	%	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
Oilseed oil export tax	%	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
AUSTRALIA												
Tariffs												
Soybean oil	%	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Rapeseed oil	%	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
CANADA												
Tariffs												
Rapeseed oil	%	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
EUROPEAN UNION²												
Tariffs												
Soybean oil	%	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
Rapeseed oil	%	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
JAPAN												
New output payments												
Soybeans	JPY/kg	188.5	188.5	188.5	188.5	188.5	188.5	188.5	188.5	188.5	188.5	188.5
Tariffs												
Soybean oil	JPY/kg	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
Rapeseed oil	JPY/kg	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
KOREA												
Soybean tariff-quota	kt	1 032	1 032	1 032	1 032	1 032	1 032	1 032	1 032	1 032	1 032	1 032
In-quota tariff	%	5	5	5	5	5	5	5	5	5	5	5
Out-of-quota tariff	%	487	487	487	487	487	487	487	487	487	487	487
Soybean (for food) mark up	'000 KRW/t	150	141	138	134	130	127	123	119	115	112	108
MEXICO												
Tariffs												
Soybeans	%	33	33	33	33	33	33	33	33	33	33	33
Soybeans meal	%	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
Soybeans oil	%	45	45	45	45	45	45	45	45	45	45	45
UNITED STATES												
ACRE participation rate												
Soybeans	%	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Soybeans loan rate	USD/t	183.7	183.7	183.7	183.7	183.7	183.7	183.7	183.7	183.7	183.7	183.7
CRP area												
Soybeans	Mha	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Tariffs												
Rapeseed	%	3	3	3	3	3	3	3	3	3	3	3
Soybean meal	%	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Rapeseed meal	%	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Soybean oil	%	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
Rapeseed oil	%	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Subsidised export limits (WTO)												
Oilseed oils	kt	141	141	141	141	141	141	141	141	142	142	142
CHINA												
Tariffs												
Soybeans	%	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Soybean meal	%	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
Soybean oil in-quota tariff	%	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
Vegetable oil tariff-quota	kt	7 998.1	7 998.1	7 998.1	7 998.1	7 998.1	7 998.1	7 998.1	7 998.1	7 998.1	7 998.1	7 998.1
INDIA												
Input subsidy rate, oilseeds ³	INR/t	4 888.3	4 888.3	4 888.3	4 888.3	4 888.3	4 888.3	4 888.3	4 888.3	4 888.3	4 888.3	4 888.3
Soybean tariff	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Rapeseed tariff	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Sunflower tariff	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Oilseed tariff	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Soybean meal tariff	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rapeseed meal tariff	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sunflower meal tariff	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Soybean oil tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rapeseed oil tariff	%	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Sunflower oil tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Palm oil tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

The sources for tariffs and Tariff Rate Quotas are the national questionnaire reply, UNCTAD and WTO.

1. Estimated net amounts for all direct payments. Possible reductions of the payments due to the degressivity as well as potential transfers between direct aids and rural development envelopes are not accounted for.
2. Till 2014, EU farmers can be granted the Single payment scheme (SPS) or the Single area payment scheme (SAPS), which provides flat-rate payments independent from current production decisions and market developments. From 2015, it becomes the Basic payment scheme (BPS) and it shall account for 68% maximum of the national direct payment envelopes. On top of this, from 2015 onwards, new compulsory policy instruments are introduced: the Green Payment (30%) and young farmer scheme (2%).
3. Indian input subsidies consist of those for electricity, fertiliser and irrigation.

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933101746>

Table A.16. World sugar projections

Crop year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WORLD												
SUGARBEET												
Production	Mt	265.8	254.1	256.5	260.8	265.0	267.1	269.1	270.0	271.7	273.1	276.3
Area	Mha	4.8	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8	4.7	4.7
Yield	t/ha	55.32	54.55	54.76	55.09	55.59	56.07	56.31	56.71	57.10	57.62	58.24
Biofuel use	Mt	14.1	15.5	16.2	16.9	13.4	13.4	13.3	13.3	13.2	13.2	13.1
SUGARCANE												
Production	Mt	1 827.5	1 873.7	1 903.1	1 911.9	1 975.6	2 030.2	2 067.6	2 087.3	2 111.6	2 123.6	2 172.2
Area	Mha	26.2	26.7	26.7	26.5	27.0	27.6	27.8	27.9	27.9	27.8	28.0
Yield	t/ha	69.88	70.28	71.20	72.12	73.04	73.65	74.25	74.92	75.71	76.47	77.60
Biofuel use	Mt	282.8	350.6	383.2	409.8	455.0	475.2	528.4	553.1	564.7	592.2	601.5
SUGAR												
Production	Mt rse	179.9	182.0	183.8	187.2	195.4	200.2	202.4	204.6	207.2	210.6	215.7
Consumption	Mt rse	170.9	179.6	182.1	185.0	189.5	193.2	197.3	201.3	204.7	207.9	210.9
Closing stocks	Mt rse	69.2	72.5	70.8	69.6	72.1	75.7	77.4	77.3	76.4	75.8	77.2
Price, raw sugar ¹	USD/t	422.7	374.1	395.3	420.3	393.2	368.3	363.2	372.6	382.9	416.1	430.7
Price, white sugar ²	USD/t	529.1	479.2	490.2	514.0	497.1	466.1	456.5	465.4	474.3	501.5	518.6
Price, HFCS ³	USD/t	565.7	440.9	449.3	476.1	484.0	493.9	501.9	508.4	517.2	526.4	522.9
DEVELOPED COUNTRIES												
SUGARBEET												
Production	Mt	212.5	199.1	200.6	203.9	206.8	208.4	210.2	210.9	212.3	213.0	215.3
SUGARCANE												
Production	Mt	75.9	79.8	79.9	80.6	81.7	83.0	83.7	84.2	84.8	85.4	85.9
SUGAR												
Production	Mt rse	42.2	40.8	41.2	41.9	43.5	44.0	44.4	44.7	45.1	45.5	46.1
Consumption	Mt rse	49.7	50.0	50.2	50.0	50.3	50.7	51.1	51.5	51.7	51.7	51.8
Closing stocks	Mt rse	15.2	14.5	14.0	13.7	14.0	14.4	14.9	14.9	14.9	14.6	14.9
HFCS												
Production	Mt	9.8	10.0	10.2	10.3	10.7	10.9	11.1	11.5	11.9	12.3	12.7
Consumption	Mt	8.1	8.1	8.2	8.2	8.6	8.8	9.0	9.3	9.6	10.0	10.3
DEVELOPING COUNTRIES												
SUGARBEET												
Production	Mt	53.3	55.0	55.9	57.0	58.1	58.6	58.8	59.1	59.5	60.1	61.0
SUGARCANE												
Production	Mt	1 751.6	1 793.9	1 823.3	1 831.3	1 893.9	1 947.1	1 983.9	2 003.1	2 026.8	2 038.2	2 086.3
SUGAR												
Production	Mt rse	137.7	141.1	142.6	145.4	151.9	156.2	158.0	159.9	162.1	165.1	169.6
Consumption	Mt rse	121.2	129.5	131.9	135.0	139.2	142.5	146.2	149.8	153.0	156.2	159.1
Closing stocks	Mt rse	54.0	57.9	56.8	55.9	58.1	61.2	62.5	62.4	61.6	61.2	62.3
HFCS												
Production	Mt	3.0	3.2	3.3	3.3	3.4	3.4	3.4	3.5	3.6	3.6	3.7
Consumption	Mt	4.0	4.3	4.5	4.6	4.7	4.7	4.8	4.8	5.0	5.2	5.4
OECD⁴												
SUGARBEET												
Production	Mt	170.0	160.5	161.2	163.3	166.4	167.8	168.1	168.4	169.2	170.4	172.7
SUGARCANE												
Production	Mt	111.1	116.6	116.2	116.3	116.8	117.0	116.5	116.4	116.7	117.2	118.9
SUGAR												
Production	Mt rse	40.4	40.1	40.0	39.9	40.9	41.2	41.4	41.6	42.0	42.5	43.4
Consumption	Mt rse	45.6	45.9	45.9	45.6	45.8	46.2	46.5	46.9	47.0	46.9	47.0
Closing stocks	Mt rse	12.2	12.4	11.8	11.5	11.7	11.9	12.1	12.1	11.9	11.7	12.0
HFCS												
Production	Mt	11.1	11.3	11.6	11.7	12.1	12.3	12.6	12.9	13.4	13.9	14.3
Consumption	Mt	10.4	10.6	10.9	11.0	11.4	11.6	11.9	12.2	12.7	13.2	13.6

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

rse : raw sugar equivalent.

HFCS: High fructose corn syrup.

1. Raw sugar world price, ICE contract No11 nearby, October/September.
2. Refined sugar price, White Sugar Futures Contract No. 407, Euronext market, Liffe, London, Europe, October/September.
3. United States wholesale list price HFCS-55 , October/September.
4. Excludes Iceland but includes all EU28 member countries.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933101765>

Table A.17.1. Sugar projections: Production and trade

Crop year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	179 882	215 705	2.34	1.92	53 659	64 222	2.70	1.88	56 688	67 590	2.30	1.77
DEVELOPED COUNTRIES	42 191	46 098	-0.65	1.37	15 682	14 264	-0.06	-1.08	7 076	8 322	-7.37	1.83
NORTH AMERICA	8 047	8 615	1.33	0.76	4 471	4 786	4.29	0.33	283	275	-0.57	0.00
Canada	125	101	0.75	1.11	1 298	1 444	0.38	0.28	67	95	3.54	0.00
United States	7 922	8 513	1.34	0.76	3 173	3 342	6.30	0.36	216	180	-1.63	0.00
EUROPE	26 817	28 211	-0.79	1.47	6 343	4 026	-2.38	-4.86	2 934	3 434	-9.00	2.84
European Union	18 141	18 757	-2.27	1.30	4 185	2 313	4.68	-5.97	2 035	2 332	-10.33	1.88
Russian Federation	4 914	5 508	6.63	1.87	1 069	862	-13.51	-5.37	66	20	-21.55	0.00
Ukraine	2 157	2 122	-0.94	2.06	10	4	-24.25	-5.37	135	185	16.84	59.17
OCEANIA DEVELOPED	4 099	5 140	-2.70	1.25	343	353	5.29	0.80	3 154	3 988	-4.18	1.36
Australia	4 099	5 140	-2.70	1.25	112	100	43.90	0.00	3 139	3 983	-4.18	1.36
New Zealand	0	0	..	..	231	253	-0.04	1.14	16	5	-7.36	0.00
OTHER DEVELOPED ¹	3 229	4 133	-1.30	2.19	4 525	5 099	-0.30	1.43	704	624	-11.41	1.02
Japan	733	859	-3.26	1.70	1 448	1 314	0.34	-1.41	2	5	-3.59	0.00
South Africa	2 410	3 182	-0.54	2.39	354	710	0.73	9.60	520	564	-10.62	1.30
DEVELOPING COUNTRIES	137 690	169 607	3.43	2.08	37 977	49 958	4.07	2.90	49 612	59 268	4.64	1.77
AFRICA	8 486	12 047	2.38	3.07	10 677	15 273	3.50	4.00	2 837	3 589	1.98	2.70
NORTH AFRICA	2 433	3 260	1.83	2.59	4 755	6 082	2.84	2.89	405	270	28.77	-3.31
Algeria	0	0	..	..	1 670	2 182	2.32	2.79	254	240	117.95	-0.31
Egypt	2 100	2 805	3.55	2.80	1 513	1 936	4.05	4.03	152	30	7.82	-15.34
SUB-SAHARAN AFRICA	6 053	8 787	2.61	3.26	5 922	9 191	4.14	4.81	2 431	3 318	0.27	3.38
LATIN AMERICA and CARIBBEAN	60 974	74 096	2.94	1.56	2 527	2 784	2.64	1.58	33 079	41 122	4.24	1.52
Argentina	2 167	2 490	-0.65	1.29	4	5	10.84	0.00	302	375	-8.52	-0.50
Brazil	38 905	48 752	3.86	1.73	0	0	..	..	25 341	32 178	4.53	1.71
Chile	337	358	-0.80	1.81	486	608	6.96	2.04	0	0	0.00	-0.17
Mexico	6 407	6 467	1.43	-0.94	217	148	11.98	0.19	1 655	2 043	21.89	-1.06
Uruguay	33	58	27.61	4.40	111	116	-1.28	0.68	3	10	-20.51	-0.67
ASIA and PACIFIC	68 230	83 464	4.11	2.42	24 773	31 900	4.49	2.52	13 696	14 558	6.34	2.29
Bangladesh	135	162	-1.35	0.13	1 671	2 800	9.89	4.14	220	541	189.73	7.48
China ²	13 540	18 025	2.67	2.63	3 904	2 987	16.31	0.98	117	81	-8.38	-2.42
India	27 478	30 860	4.66	2.20	938	2 023	147.25	1.00	2 187	107	32.26	1.89
Indonesia	2 717	3 223	1.11	1.95	3 598	5 370	9.73	3.17	0	0	-19.30	-0.29
Iran, Islamic Republic of	1 342	1 450	0.22	1.35	1 353	1 826	2.79	3.40	43	0	-35.72	20.58
Korea	0	0	..	..	1 719	1 929	1.24	1.91	366	238	1.70	-3.30
Malaysia	28	30	-11.00	0.08	1 876	2 405	3.16	3.01	219	79	-6.86	-2.93
Pakistan	5 425	7 092	6.00	2.56	39	39	-25.45	-0.58	378	609	37.90	2.96
Saudi Arabia	0	0	..	..	1 395	2 058	3.51	3.79	261	312	4.84	0.14
Thailand	10 293	13 450	8.30	3.06	7	15	9.12	-0.25	6 831	9 223	10.35	2.89
Turkey	2 377	2 944	2.32	2.06	125	453	28.60	2.73	76	48	15.71	-7.83
LEAST DEVELOPED COUNTRIES (LDC)	4 182	6 954	4.24	4.17	6 685	10 172	6.51	4.32	1 514	2 729	6.54	5.70
OECD³	40 421	43 388	-0.86	0.88	13 813	12 813	3.13	-0.89	7 577	8 934	-4.01	0.60
BRICS	87 246	106 327	3.81	2.04	6 266	6 582	1.57	0.15	28 232	32 950	4.05	1.71

.. Not available

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

Sugar data are expressed in raw sugar equivalent.

- Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
- Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
- Excludes Iceland but includes all EU28 member countries.
- Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933101784>

Table A.17.2. Sugar projections: Consumption, per capita

Crop year

	CONSUMPTION (kt)		Growth (%) ¹		PER CAPITA (kg)		Growth (%) ¹	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	170 898	210 930	1.83	1.89	24.2	26.6	0.62	0.86
DEVELOPED COUNTRIES	49 672	51 805	0.19	0.46	35.7	36.0	-0.29	0.16
NORTH AMERICA	11 890	12 959	1.65	0.68	33.6	33.7	0.67	-0.11
Canada	1 388	1 451	0.68	0.35	39.9	37.6	-0.42	-0.56
United States	10 501	11 509	1.78	0.72	32.9	33.3	0.82	-0.05
EUROPE	29 505	28 835	-0.58	-0.03	39.7	38.8	-0.75	-0.02
European Union	19 771	18 726	-0.11	-0.33	38.9	36.2	-0.43	-0.47
Russian Federation	5 786	6 355	-1.64	0.71	40.4	46.0	-1.56	1.04
Ukraine	2 024	1 980	-2.13	0.60	44.5	46.9	-1.63	1.29
OCEANIA DEVELOPED	1 271	1 434	0.13	1.00	46.2	45.8	-1.41	-0.16
Australia	1 055	1 186	0.30	0.98	45.8	45.0	-1.33	-0.23
New Zealand	216	248	-0.65	1.11	48.5	50.1	-1.73	0.19
OTHER DEVELOPED ²	7 006	8 577	1.30	1.83	26.2	30.7	0.65	1.45
Japan	2 200	2 165	-0.90	-0.12	17.3	17.4	-0.93	0.13
South Africa	2 180	3 308	4.11	3.86	41.6	59.0	2.90	3.25
DEVELOPING COUNTRIES	121 226	159 125	2.57	2.40	21.3	24.5	1.17	1.19
AFRICA	15 904	23 422	3.07	3.58	15.6	17.6	0.50	1.11
NORTH AFRICA	6 487	8 946	1.93	2.81	38.4	45.6	0.38	1.46
Algeria	1 370	1 915	1.87	3.11	35.6	42.1	0.08	1.63
Egypt	3 253	4 661	2.79	3.33	40.3	49.2	1.09	1.89
SUB-SAHARAN AFRICA	9 417	14 476	3.92	4.08	11.1	12.7	1.13	1.40
LATIN AMERICA and CARIBBEAN	29 501	35 366	0.92	1.67	48.4	52.1	-0.24	0.70
Argentina	1 813	2 132	0.35	1.52	44.1	47.6	-0.53	0.74
Brazil	13 282	16 373	1.24	1.76	66.9	76.1	0.30	1.05
Chile	837	940	2.84	1.01	47.9	49.4	1.86	0.23
Mexico	4 833	4 616	-0.69	-0.21	40.0	34.0	-1.93	-1.22
Uruguay	133	164	1.80	1.71	39.2	46.6	1.50	1.40
ASIA and PACIFIC	75 821	100 337	3.17	2.40	18.7	22.4	2.02	1.51
Bangladesh	1 627	2 406	8.08	3.29	10.5	13.8	6.88	2.18
China ³	15 768	21 128	3.57	2.67	11.4	14.6	2.92	2.26
India	25 319	32 443	2.94	1.96	20.5	23.3	1.58	0.90
Indonesia	5 965	8 612	4.86	2.58	24.1	31.1	3.45	1.54
Iran, Islamic Republic of	2 595	3 285	2.74	2.04	33.9	37.9	1.49	0.93
Korea	1 255	1 683	0.26	2.89	25.6	32.8	-0.32	2.49
Malaysia	1 628	2 329	3.98	2.82	55.6	68.2	2.16	1.43
Pakistan	5 010	6 481	2.97	2.36	28.0	30.5	1.14	0.81
Saudi Arabia	1 077	1 706	4.24	4.26	38.0	50.9	2.19	2.73
Thailand	2 986	4 141	3.08	2.85	44.7	61.0	2.79	2.73
Turkey	2 559	3 321	3.43	2.56	34.1	39.6	2.06	1.58
LEAST DEVELOPED COUNTRIES (LDC)	9 282	14 248	5.61	4.05	10.7	12.9	3.25	1.81
OECD⁴	45 644	46 995	0.42	0.35	35.1	34.3	-0.25	-0.12
BRICS	62 335	79 607	2.24	2.07	20.7	24.5	1.32	1.39

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

Sugar data are expressed in raw sugar equivalent.

1. Least-squares growth rate (see glossary).
2. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
3. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
4. Excludes Iceland but includes all EU28 member countries.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933101803>

Table A.18. Main policy assumptions for sugar markets

Crop year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
ARGENTINA												
Tariff, sugar	ARS/t	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
BANGLADESH												
Tariff, white sugar	%	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
BRAZIL												
Tariff, raw sugar	%	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
Tariff, white sugar	%	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
CANADA												
Tariff, raw sugar	CAD/t	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
Tariff, white sugar	CAD/t	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
CHINA¹												
TRQ sugar	kt	1 954.0	1 954.0	1 954.0	1 954.0	1 954.0	1 954.0	1 954.0	1 954.0	1 954.0	1 954.0	1 954.0
In-quota tariff, raw sugar	%	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
In-quota tariff, white sugar	%	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Tariff, over-quota	%	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
EUROPEAN UNION												
Reference price, white sugar	EUR/t	404.4	404.4	404.4	404.4	404.4	404.4	404.4	404.4	404.4	404.4	404.4
Production quota ²	Mt wse	13.3	13.3	13.3	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WTO export limit ³	kt wse	1 375.0	1 375.0	1 375.0	1 375.0	1 375.0	1 375.0	1 375.0	1 375.0	1 375.0	1 375.0	1 375.0
Tariff, raw sugar	EUR/t	339.0	339.0	339.0	339.0	339.0	339.0	339.0	339.0	339.0	339.0	339.0
Tariff, white sugar	EUR/t	419.0	419.0	419.0	419.0	419.0	419.0	419.0	419.0	419.0	419.0	419.0
INDIA												
Intervention price, sugarcane	INR/t	1 750.0	2 100.0	2 100.0	2 100.0	2 100.0	2 100.0	2 100.0	2 100.0	2 100.0	2 100.0	2 100.0
Applied tariff, raw sugar	%	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
INDONESIA												
Tariff, white sugar	%	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
JAPAN												
Minimum stabilisation price, raw sugar	JPY/kg	153.2	153.2	153.2	153.2	153.2	153.2	153.2	153.2	153.2	153.2	153.2
Tariff, raw sugar	JPY/kg	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
Tariff, white sugar	JPY/kg	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1
KOREA												
Tariff, raw sugar	%	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
MEXICO												
Mexico common external tariff, raw sugar	MXN/t	4 326.1	4 361.2	4 425.6	4 482.1	4 533.5	4 581.8	4 628.7	4 675.1	4 708.9	4 740.4	4 771.6
Mexico common external tariff, white sugar	MXN/t	4 565.5	4 602.6	4 670.5	4 730.2	4 784.4	4 835.4	4 884.9	4 933.8	4 969.5	5 002.7	5 035.7
RUSSIAN FEDERATION												
Minimum tariff, raw sugar	USD/t	148.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
Minimum tariff, white sugar	USD/t	340.0	340.0	340.0	340.0	340.0	340.0	340.0	340.0	340.0	340.0	340.0
UNITED STATES												
Loan rate, raw sugar	USD/t	413.4	413.4	413.4	413.4	413.4	413.4	413.4	413.4	413.4	413.4	413.4
Loan rate, white sugar	USD/t	531.1	531.1	531.1	531.1	531.1	531.1	531.1	531.1	531.1	531.1	531.1
TRQ, raw sugar	kt rse	1 518	1 416	1 419	1 424	1 427	1 431	1 434	1 435	1 436	1 437	1 439
TRQ, refined sugar	kt rse	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
Raw sugar 2nd tier WTO tariff	USD/t	338.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6
White sugar 2nd tier WTO tariff	USD/t	357.4	357.4	357.4	357.4	357.4	357.4	357.4	357.4	357.4	357.4	357.4
SOUTH AFRICA												
Tariff, raw sugar	%	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0
TANZANIA												
Applied tariff, white sugar	%	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
VIET NAM												
Applied tariff, white sugar	%	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

The sources for tariffs and Tariff Rate Quotas are the national questionnaire reply, UNCTAD and WTO.

1. Refers to mainland only.
2. Production that receives official support, Croatia not included.
3. It is assumed that no export subsidies will be granted for sugar after the abolition of the quota.

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933101822>

Table A.19. World meat projections

Calendar year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WORLD												
BEEF AND VEAL												
Production	kt cwe	66 764	67 439	68 173	68 670	69 784	70 994	72 127	72 920	73 876	74 796	75 623
Consumption	kt cwe	66 172	67 086	67 841	68 340	69 441	70 630	71 752	72 531	73 476	74 392	75 208
PIGMEAT												
Production	kt cwe	112 716	116 894	118 764	120 328	121 435	122 744	123 838	125 241	126 740	128 084	129 427
Consumption	kt cwe	112 231	116 714	118 596	120 136	121 237	122 574	123 679	125 063	126 539	127 887	129 248
POULTRY MEAT												
Production	kt rtc	106 164	109 970	112 586	115 297	117 816	120 480	123 340	126 302	129 027	131 809	134 511
Consumption	kt rtc	106 045	109 794	112 406	115 125	117 650	120 308	123 165	126 124	128 853	131 637	134 341
SHEEP MEAT												
Production	kt cwe	13 496	14 040	14 408	14 770	15 143	15 488	15 807	16 158	16 518	16 890	17 251
Consumption	kt cwe	13 427	13 977	14 353	14 715	15 089	15 436	15 756	16 108	16 469	16 841	17 203
TOTAL MEAT												
Per capita consumption ¹	kg rwt	33.8	34.1	34.4	34.6	34.8	35.0	35.3	35.5	35.7	36.0	36.2
DEVELOPED COUNTRIES												
BEEF AND VEAL												
Production	kt cwe	29 349	28 481	28 312	28 126	28 471	28 815	29 123	29 277	29 456	29 562	29 631
Consumption	kt cwe	29 254	28 483	28 367	28 141	28 421	28 726	29 070	29 245	29 395	29 505	29 576
PIGMEAT												
Production	kt cwe	41 818	42 180	42 920	43 396	43 484	43 851	43 900	44 146	44 463	44 735	44 992
Consumption	kt cwe	39 200	39 464	40 055	40 454	40 380	40 656	40 646	40 749	40 875	41 008	41 098
POULTRY MEAT												
Production	kt rtc	43 700	45 183	45 984	47 061	47 817	48 558	49 388	50 282	51 001	51 735	52 423
Consumption	kt rtc	41 350	42 541	43 237	44 062	44 778	45 471	46 191	46 935	47 456	47 996	48 508
SHEEP MEAT												
Production	kt cwe	3 266	3 329	3 368	3 435	3 478	3 543	3 574	3 615	3 651	3 683	3 718
Consumption	kt cwe	2 720	2 698	2 730	2 777	2 809	2 847	2 857	2 879	2 895	2 917	2 942
TOTAL MEAT												
Per capita consumption ¹	kg rwt	64.6	64.7	65.2	65.6	66.0	66.5	66.9	67.3	67.6	67.9	68.2
DEVELOPING COUNTRIES												
BEEF AND VEAL												
Production	kt cwe	37 369	38 959	39 861	40 544	41 313	42 179	43 004	43 642	44 420	45 234	45 993
Consumption	kt cwe	36 917	38 603	39 474	40 200	41 020	41 904	42 682	43 286	44 081	44 886	45 632
PIGMEAT												
Production	kt cwe	70 898	74 714	75 844	76 932	77 951	78 893	79 938	81 096	82 277	83 349	84 435
Consumption	kt cwe	73 031	77 249	78 542	79 682	80 857	81 917	83 033	84 314	85 664	86 879	88 149
POULTRY MEAT												
Production	kt rtc	62 464	64 787	66 602	68 236	69 999	71 922	73 952	76 019	78 026	80 074	82 088
Consumption	kt rtc	64 694	67 253	69 169	71 063	72 872	74 837	76 974	79 189	81 397	83 642	85 833
SHEEP MEAT												
Production	kt cwe	10 230	10 711	11 040	11 336	11 665	11 945	12 233	12 543	12 867	13 207	13 533
Consumption	kt cwe	10 706	11 279	11 624	11 938	12 281	12 588	12 900	13 229	13 574	13 924	14 261
TOTAL MEAT												
Per capita consumption ¹	kg rwt	26.3	26.8	27.1	27.3	27.5	27.8	28.0	28.3	28.6	28.8	29.1
OECD²												
BEEF AND VEAL												
Production	kt cwe	27 234	26 455	26 309	26 133	26 472	26 830	27 165	27 363	27 581	27 729	27 836
Consumption	kt cwe	26 393	26 040	25 927	25 774	26 085	26 407	26 727	26 891	27 090	27 219	27 307
PIGMEAT												
Production	kt cwe	40 002	40 269	40 882	41 380	41 393	41 722	41 812	42 099	42 434	42 721	42 883
Consumption	kt cwe	37 002	37 359	37 888	38 270	38 157	38 452	38 504	38 615	38 765	38 960	39 039
POULTRY MEAT												
Production	kt rtc	42 723	44 132	45 035	46 125	46 887	47 650	48 459	49 334	50 067	50 797	51 469
Consumption	kt rtc	40 075	40 983	41 631	42 433	43 119	43 751	44 435	45 110	45 589	46 071	46 536
SHEEP MEAT												
Production	kt cwe	2 584	2 625	2 648	2 672	2 719	2 741	2 774	2 787	2 800	2 805	2 816
Consumption	kt cwe	2 050	2 013	2 027	2 034	2 066	2 061	2 068	2 063	2 054	2 050	2 050
TOTAL MEAT												
Per capita consumption ¹	kg rwt	65.0	64.9	65.3	65.6	65.8	66.3	66.6	66.9	67.1	67.3	67.4

Note: Calendar Year: Year ending 30 September for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Per capita consumption expressed in retail weight. Carcass weight to retail weight conversion factors of 0.7 for beef and veal, 0.78 for pigmeat and 0.88 for both sheep meat and poultry meat.
2. Excludes Iceland but includes all EU28 member countries.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933101841>

Table A.20.1. Beef and veal projections: Production and trade

Calendar year

	PRODUCTION (kt cwe) ⁴		Growth (%) ⁵		IMPORTS (kt cwe) ⁶		Growth (%) ⁵		EXPORTS (kt cwe) ⁶		Growth (%) ⁵	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	66 764	75 623	0.79	1.34	7 592	10 215	2.67	2.54	8 152	10 386	1.14	2.33
DEVELOPED COUNTRIES	29 349	29 631	-0.12	0.60	3 444	4 095	-1.34	1.79	3 882	4 203	2.59	1.64
NORTH AMERICA	12 609	12 755	-0.05	1.19	1 246	1 579	-4.23	1.96	1 533	1 904	7.79	3.67
Canada	1 334	1 448	-2.24	0.97	258	275	9.66	0.64	358	369	-5.72	2.49
United States	11 276	11 307	0.24	1.22	987	1 304	-6.15	2.26	1 175	1 535	-19.94	3.98
EUROPE	10 664	10 350	-1.02	-0.22	1 259	1 405	0.14	1.62	365	216	-0.57	-1.94
European Union	7 991	7 654	-0.65	-0.28	288	395	-7.75	2.54	228	114	0.68	0.09
Russian Federation	1 631	1 725	-1.56	0.09	874	854	5.01	0.65	0	0	..	..
Ukraine	371	290	-6.29	-1.46	7	47	-16.87	23.78	11	1	-18.92	-21.62
OCEANIA DEVELOPED	3 034	3 232	0.40	0.83	14	14	1.93	0.00	1 971	2 077	0.25	0.49
Australia	2 407	2 644	0.85	1.16	6	5	-0.17	0.00	1 447	1 644	0.80	1.49
New Zealand	627	587	-1.20	-0.53	8	9	4.45	0.00	524	433	-1.12	-2.62
OTHER DEVELOPED ¹	3 042	3 294	2.67	0.82	925	1 097	1.62	1.83	14	6	0.41	-5.19
Japan	509	506	0.15	0.14	744	794	2.34	0.59	1	1	36.92	0.00
South Africa	832	958	2.22	1.76	9	32	-14.48	18.55	8	1	-3.25	-15.56
DEVELOPING COUNTRIES	37 369	45 993	1.52	1.85	4 120	6 119	7.28	3.08	4 269	6 183	-0.02	2.83
AFRICA	5 823	7 636	3.08	2.49	723	909	5.00	1.27	62	40	2.93	-5.21
NORTH AFRICA	1 135	1 296	2.96	0.63	464	580	5.30	0.90	1	2	7.34	0.43
Algeria	117	152	3.34	1.75	81	132	-1.34	4.14	0	0	-25.52	-3.26
Egypt	795	805	3.61	-0.67	351	447	8.54	0.99	1	2	4.99	0.51
SUB-SAHARAN AFRICA	4 688	6 340	3.11	2.91	259	329	4.47	1.91	61	38	2.83	-5.46
LATIN AMERICA and CARIBBEAN	16 917	20 319	0.22	1.58	775	798	0.77	-0.50	2 494	3 569	-4.66	2.52
Argentina	2 582	3 271	-2.40	1.91	6	7	-0.16	0.00	211	612	-14.49	6.16
Brazil	8 731	10 305	0.14	1.37	44	38	2.70	-0.62	1 399	1 895	-6.05	2.24
Chile	198	253	-1.43	2.12	176	189	2.09	-0.04	8	0	-11.41	-29.88
Mexico	1 776	1 989	1.96	1.07	245	276	-4.39	1.45	120	71	17.46	-3.41
Uruguay	502	621	-1.34	1.84	0	0	-31.20	-0.17	306	381	-2.25	2.12
ASIA and PACIFIC	14 629	18 038	2.58	1.88	2 622	4 412	10.93	4.34	1 712	2 574	13.23	3.46
Bangladesh	200	259	0.88	2.49	0	0	9.14	6.91	0	0	-5.09	-14.90
China ²	6 529	7 774	1.97	1.71	155	840	65.17	9.38	78	127	-3.86	7.06
India	2 748	3 568	2.34	2.14	1	1	22.35	-0.25	1 360	2 098	13.87	3.34
Indonesia	447	650	2.67	2.43	59	83	12.39	8.14	1	1	2.65	-1.87
Iran, Islamic Republic of	220	256	-6.97	1.14	167	207	15.90	3.54	2	3	49.64	-0.54
Korea	309	385	6.80	1.37	339	383	5.24	1.64	5	9	14.96	0.00
Malaysia	14	14	-1.65	-0.17	168	218	0.81	1.66	10	8	17.67	-1.63
Pakistan	1 517	1 819	4.90	1.85	3	3	11.30	-1.83	27	44	38.38	8.35
Saudi Arabia	42	54	12.77	2.95	160	216	7.87	2.46	25	21	31.82	-2.40
Turkey	543	789	5.32	2.67	6	14	121.27	5.54	17	0	46.59	-26.60
LEAST DEVELOPED COUNTRIES (LDC)	4 602	6 218	3.17	2.84	182	205	5.50	1.77	6	3	13.42	1.96
OECD³	27 234	27 836	0.07	0.73	3 199	3 835	-2.03	1.59	3 885	4 179	3.12	1.64
BRICS	20 470	24 330	0.90	1.50	1 083	1 765	6.71	4.11	2 846	4 121	0.00	2.90

.. Not available

Note: Calendar year: Year ending 30 September for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Gross indigenous production.
5. Least-squares growth rate (see glossary).
6. Excludes trade of live animals.

Source: OECD and FAO Secretariats.


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Table A.20.2. Beef and veal projections: Consumption, per capita

Calendar year

	CONSUMPTION (kt cwe)		Growth (%) ¹		PER CAPITA (kg rwt) ⁵		Growth (%) ¹	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	66 172	75 208	0.89	1.33	6.6	6.6	-0.30	0.31
DEVELOPED COUNTRIES	29 254	29 576	-0.53	0.57	14.7	14.4	-1.00	0.27
NORTH AMERICA	12 664	12 715	-1.13	0.96	25.2	23.2	-2.03	0.17
Canada	992	1 062	-0.35	0.40	19.9	19.3	-1.44	-0.51
United States	11 672	11 653	-1.20	1.01	25.7	23.6	-2.08	0.24
EUROPE	11 697	11 459	-0.81	-0.05	11.0	10.8	-0.98	-0.04
European Union	7 910	7 803	-1.15	-0.18	10.9	10.6	-1.47	-0.32
Russian Federation	2 781	2 626	1.20	-0.02	13.6	13.3	1.28	0.30
Ukraine	367	336	-5.79	0.19	5.6	5.6	-5.32	0.89
OCEANIA DEVELOPED	906	960	0.33	0.77	23.1	21.5	-1.22	-0.39
Australia	793	855	0.30	0.76	24.1	22.7	-1.34	-0.45
New Zealand	113	105	0.55	0.84	17.8	14.9	-0.54	-0.07
OTHER DEVELOPED ²	3 987	4 441	2.42	1.07	10.4	11.1	1.76	0.69
Japan	1 241	1 298	1.20	0.42	6.8	7.3	1.17	0.68
South Africa	824	986	1.79	2.08	11.0	12.3	0.60	1.48
DEVELOPING COUNTRIES	36 917	45 632	2.14	1.86	4.5	4.9	0.75	0.66
AFRICA	6 526	8 513	3.32	2.40	4.5	4.5	0.75	-0.04
NORTH AFRICA	1 627	1 903	3.52	0.70	6.7	6.8	1.94	-0.62
Algeria	207	296	-0.34	2.66	3.8	4.6	-2.10	1.18
Egypt	1 157	1 258	4.90	-0.11	10.0	9.3	3.15	-1.50
SUB-SAHARAN AFRICA	4 899	6 609	3.25	2.94	4.0	4.1	0.48	0.29
LATIN AMERICA and CARIBBEAN	14 669	16 978	1.12	1.28	16.8	17.5	-0.04	0.32
Argentina	2 378	2 666	-0.31	1.10	40.5	41.7	-1.18	0.32
Brazil	7 146	8 150	1.42	1.15	25.2	26.5	0.48	0.45
Chile	366	442	0.42	1.31	14.7	16.2	-0.54	0.54
Mexico	1 590	1 925	0.07	1.22	9.2	9.9	-1.17	0.19
Uruguay	187	231	-0.05	1.47	38.6	46.1	-0.34	1.16
ASIA and PACIFIC	15 722	20 142	2.68	2.15	2.7	3.2	1.54	1.26
Bangladesh	200	259	0.88	2.50	0.9	1.0	-0.24	1.40
China ³	6 558	8 501	2.31	2.19	3.3	4.1	1.67	1.78
India	1 391	1 474	-3.37	0.63	0.8	0.7	-4.64	-0.42
Indonesia	594	819	3.73	2.61	1.7	2.1	2.33	1.57
Iran, Islamic Republic of	391	468	-0.91	2.12	3.6	3.8	-2.11	1.00
Korea	615	759	4.57	1.52	8.8	10.4	3.96	1.13
Malaysia	188	239	0.46	1.56	4.5	4.9	-1.29	0.18
Pakistan	1 487	1 772	4.60	1.76	5.8	5.8	2.74	0.22
Saudi Arabia	178	250	6.77	3.10	4.4	5.2	4.67	1.59
Turkey	633	872	7.13	2.74	5.9	7.3	5.71	1.76
LEAST DEVELOPED COUNTRIES (LDC)	4 768	6 395	3.45	2.82	3.8	4.1	1.14	0.61
OECD⁴	26 393	27 307	-0.60	0.68	14.2	14.0	-1.25	0.21
BRICS	18 701	21 737	1.26	1.39	4.4	4.7	0.35	0.72

Note: Calendar year: Year ending 30 September New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Least-squares growth rate (see glossary).
2. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
3. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
4. Excludes Iceland but includes all EU28 member countries.
5. Per capita consumption expressed in retail weight. Carcass weight to retail weight conversion factors of 0.7 for beef and veal, 0.78 for pigmeat and 0.88 for both sheep meat and poultry meat.

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933101879>

Table A.21.1. Pigmeat projections: Production and trade

Calendar year

	PRODUCTION (kt cwe) ⁴		Growth (%) ⁵		IMPORTS (kt cwe) ⁶		Growth (%) ⁵		EXPORTS (kt cwe) ⁶		Growth (%) ⁵	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	112 716	129 427	1.96	1.10	6 633	8 024	5.54	1.95	7 066	8 141	4.50	1.97
DEVELOPED COUNTRIES	41 818	44 992	0.93	0.63	3 335	2 982	2.19	-0.46	5 938	6 761	6.66	1.74
NORTH AMERICA	12 451	13 749	1.26	0.76	588	573	-0.39	0.70	3 579	4 179	6.80	1.97
Canada	2 148	2 256	-0.98	0.67	223	273	8.37	2.58	1 229	1 315	2.24	1.00
United States	10 303	11 493	1.77	0.77	365	301	-3.67	-0.67	2 351	2 864	10.11	2.45
EUROPE	27 050	28 768	0.77	0.58	1 206	705	6.07	-3.56	2 305	2 521	6.93	1.37
European Union	22 630	23 258	0.26	0.40	19	19	-15.62	-0.87	2 140	2 394	6.77	1.57
Russian Federation	2 618	3 600	6.64	1.82	797	241	5.22	-9.17	0	0	..	..
Ukraine	614	572	1.66	-0.44	193	257	17.21	2.98	19	3	5.09	-10.96
OCEANIA DEVELOPED	405	446	-1.32	1.06	332	418	8.99	1.32	48	55	-4.83	2.00
Australia	356	392	-1.39	1.01	289	370	9.67	1.43	48	55	-4.85	2.00
New Zealand	49	55	-0.81	1.48	43	48	5.08	0.54	0	0	2.68	0.00
OTHER DEVELOPED ¹	1 912	2 029	1.69	0.41	1 209	1 287	-0.72	0.59	6	7	4.38	-2.80
Japan	1 292	1 287	0.51	-0.25	1 112	1 148	-0.98	0.26	1	0	..	..
South Africa	322	406	11.22	2.14	41	54	3.49	2.96	4	6	5.86	-1.30
DEVELOPING COUNTRIES	70 898	84 435	2.60	1.36	3 298	5 042	10.17	3.75	1 127	1 380	-3.18	3.17
AFRICA	983	1 389	3.39	3.19	244	714	16.22	8.44	5	1	-6.45	-10.84
NORTH AFRICA	2	2	-8.23	0.47	1	1	3.37	5.20	0	0	29.80	-4.38
Algeria	0	0	-1.38	0.00	0	0	-17.83	0.00	0	0	-1.38	0.00
Egypt	0	0	-18.63	-0.51	0	1	8.65	5.52	0	0	38.24	-5.23
SUB-SAHARAN AFRICA	981	1 387	3.42	3.19	244	713	16.28	8.45	5	1	-7.02	-11.09
LATIN AMERICA and CARIBBEAN	7 116	8 902	3.32	2.14	1 014	1 311	10.74	2.00	793	939	1.14	2.71
Argentina	309	429	5.13	3.04	35	33	1.71	0.02	10	35	27.56	10.74
Brazil	3 462	4 113	3.31	1.88	12	11	28.68	-0.84	529	555	-0.67	1.91
Chile	577	872	4.73	3.42	30	28	44.91	-4.90	157	262	3.88	5.28
Mexico	1 237	1 459	2.25	1.30	643	781	10.42	1.74	73	66	10.11	-0.84
Uruguay	22	31	2.24	1.41	28	34	14.79	1.15	0	0	-53.52	-0.08
ASIA and PACIFIC	62 799	74 144	2.51	1.24	2 040	3 017	9.29	3.68	329	440	-10.22	4.26
Bangladesh	0	0	-19.59	0.00	0	0	33.25	0.00	0	0	-1.38	0.00
China ²	52 706	60 856	2.50	0.94	524	1 403	36.69	7.08	100	351	-25.63	7.77
India	329	322	-3.59	-0.30	1	0	27.42	-5.13	0	0	-7.33	2.41
Indonesia	752	1 132	4.58	4.19	1	2	-14.48	0.00	0	0	-21.34	-21.25
Iran, Islamic Republic of	0	0	-21.89	0.00	1	2	39.58	0.00	1	2	84.54	0.00
Korea	1 023	1 396	1.37	2.00	543	373	7.10	-1.46	2	3	-29.02	0.00
Malaysia	230	300	1.79	2.85	15	21	17.71	3.57	6	1	24.02	-13.44
Pakistan	0	0	-29.45	0.00	0	0	-35.41	0.00	0	0	-20.51	0.00
Saudi Arabia	0	0	-29.45	0.00	10	12	15.63	0.00	0	0	-31.78	0.00
Turkey	1	1	-0.96	0.00	0	1	-12.90	0.00	0	1	-6.41	0.00
LEAST DEVELOPED COUNTRIES (LDC)	1 411	2 109	4.88	3.74	188	546	16.48	9.36	0	0	15.50	-3.08
OECD³	40 002	42 883	0.71	0.64	3 282	3 356	2.60	0.52	6 007	6 963	6.50	1.90
BRICS	59 438	69 297	2.69	1.04	1 374	1 710	10.87	2.10	635	912	-7.77	3.83

.. Not available

Note: Calendar year: Year ending 30 September New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Gross indigenous production.
5. Least-squares growth rate (see glossary).
6. Excludes trade of live animals.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933101898>

Table A.21.2. Pigmeat projections: Consumption, per capita

Calendar year

	CONSUMPTION (kt cwe)		Growth (%) ¹		PER CAPITA (kg rwe) ⁵		Growth (%) ¹	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	112 231	129 248	2.00	1.10	12.4	12.7	0.80	0.08
DEVELOPED COUNTRIES	39 200	41 098	0.39	0.37	22.0	22.3	-0.09	0.07
NORTH AMERICA	9 227	9 928	-0.43	0.28	20.4	20.2	-1.33	-0.50
Canada	766	796	-0.65	0.29	17.1	16.1	-1.74	-0.63
United States	8 461	9 132	-0.40	0.28	20.8	20.6	-1.29	-0.49
EUROPE	26 160	27 053	0.57	0.36	27.5	28.4	0.40	0.37
European Union	20 468	20 858	-0.30	0.28	31.4	31.5	-0.62	0.14
Russian Federation	3 642	3 940	6.25	0.45	19.8	22.2	6.34	0.78
Ukraine	806	847	4.36	0.59	13.8	15.7	4.89	1.29
OCEANIA DEVELOPED	688	809	3.05	1.13	19.5	20.2	1.46	-0.03
Australia	597	707	3.28	1.15	20.2	20.9	1.60	-0.07
New Zealand	91	102	1.60	1.03	15.9	16.1	0.50	0.11
OTHER DEVELOPED ²	3 124	3 309	0.83	0.53	9.1	9.2	0.19	0.15
Japan	2 413	2 434	-0.06	0.03	14.8	15.3	-0.10	0.28
South Africa	358	453	10.53	2.31	5.3	6.3	9.24	1.71
DEVELOPING COUNTRIES	73 031	88 149	2.96	1.46	10.0	10.6	1.56	0.27
AFRICA	1 220	2 103	5.18	4.72	0.9	1.2	2.56	2.22
NORTH AFRICA	2	2	-7.54	1.95	0.0	0.0	-8.95	0.61
Algeria	0	0	-6.15	0.00	0.0	0.0	-7.81	-1.44
Egypt	1	1	-14.29	2.98	0.0	0.0	-15.71	1.54
SUB-SAHARAN AFRICA	1 218	2 101	5.22	4.72	1.1	1.4	2.39	2.03
LATIN AMERICA and CARIBBEAN	7 340	9 278	4.31	2.06	9.4	10.7	3.11	1.09
Argentina	335	427	4.36	2.33	6.4	7.4	3.45	1.55
Brazil	2 944	3 570	4.24	1.87	11.6	12.9	3.27	1.16
Chile	450	637	5.98	2.23	20.1	26.1	4.98	1.45
Mexico	1 810	2 178	3.96	1.53	11.7	12.5	2.67	0.50
Uruguay	50	65	7.92	1.27	11.5	14.5	7.61	0.96
ASIA and PACIFIC	64 471	76 769	2.78	1.32	12.4	13.4	1.63	0.43
Bangladesh	0	0	20.72	0.00	0.0	0.0	19.37	-1.07
China ³	53 077	61 870	2.79	1.03	30.1	33.4	2.16	0.63
India	330	323	-3.55	-0.31	0.2	0.2	-4.82	-1.35
Indonesia	730	1 109	4.46	4.30	2.3	3.1	3.06	3.24
Iran, Islamic Republic of	0	0	-7.83	0.00	0.0	0.0	-8.95	-1.09
Korea	1 548	1 766	3.04	1.14	24.6	26.9	2.45	0.75
Malaysia	239	320	2.07	3.03	6.4	7.3	0.28	1.64
Pakistan	0	0	-34.33	0.00	0.0	0.0	-35.49	-1.51
Saudi Arabia	10	12	15.67	0.00	0.3	0.3	13.39	-1.47
Turkey	0	0	-24.76	0.00	0.0	0.0	-25.76	-0.96
LEAST DEVELOPED COUNTRIES (LDC)	1 614	2 665	5.89	4.66	1.5	1.9	3.52	2.40
OECD⁴	37 002	39 039	0.11	0.42	22.2	22.2	-0.54	-0.05
BRICS	60 350	70 155	3.03	1.04	15.6	16.9	2.10	0.37

Note: Calendar year: Year ending 30 September for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Least-squares growth rate (see glossary).
2. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
3. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
4. Excludes Iceland but includes all EU28 member countries.
5. Per capita consumption expressed in retail weight. Carcass weight to retail weight conversion factors of 0.7 for beef and veal, 0.78 for pigmeat and 0.88 for both sheep meat and poultry meat.

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933101917>

Table A.22.1. Poultry meat projections: Production and trade

Calendar year

	PRODUCTION (kt rtc)		Growth (%) ⁴		IMPORTS (kt rtc)		Growth (%) ⁴		EXPORTS (kt rtc)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	106 164	134 511	3.80	2.27	12 101	15 859	7.46	2.77	12 244	16 026	6.27	2.73
DEVELOPED COUNTRIES	43 700	52 423	2.54	1.67	3 053	3 415	-1.57	1.24	5 427	7 331	5.44	2.73
NORTH AMERICA	20 905	25 861	0.93	1.97	303	333	4.19	0.61	3 797	5 043	4.73	2.37
Canada	1 210	1 392	0.78	1.38	246	274	2.43	0.69	179	209	4.37	1.14
United States	19 695	24 469	0.94	2.00	57	59	16.86	0.25	3 618	4 834	4.75	2.42
EUROPE	17 839	20 821	4.34	1.38	1 574	1 329	-5.64	-1.42	1 554	2 206	7.37	3.60
European Union	12 608	13 873	1.99	0.90	841	850	2.35	0.11	1 320	1 667	5.39	3.00
Russian Federation	3 544	4 657	14.16	2.17	466	255	-13.40	-4.35	35	178	90.24	12.74
Ukraine	1 040	1 437	11.79	3.06	87	26	-10.79	-14.11	90	226	35.12	5.05
OCEANIA DEVELOPED	1 209	1 567	3.36	2.44	0	0	..	..	45	57	6.95	3.56
Australia	1 041	1 357	3.79	2.51	0	0	..	..	45	57	6.95	3.56
New Zealand	168	210	0.96	1.97	0	0	..	..	0	0	..	..
OTHER DEVELOPED ¹	3 748	4 175	3.89	1.08	1 176	1 753	5.42	4.00	31	25	7.25	1.23
Japan	1 418	1 436	1.47	0.38	435	408	1.77	-1.52	7	10	26.43	0.00
South Africa	1 517	1 717	6.85	1.02	382	855	7.57	8.74	12	14	13.31	2.67
DEVELOPING COUNTRIES	62 464	82 088	4.77	2.68	9 048	12 444	12.74	3.23	6 817	8 695	6.98	2.74
AFRICA	3 437	4 723	4.20	3.13	1 337	2 196	16.27	4.12	14	4	21.05	-9.80
NORTH AFRICA	2 122	2 850	4.57	2.94	207	360	59.09	3.02	11	3	49.88	-9.51
Algeria	285	389	0.93	2.91	3	4	11.66	1.26	0	0	108.35	-0.59
Egypt	877	1 056	3.44	1.83	130	214	76.27	3.16	3	2	35.38	-4.35
SUB-SAHARAN AFRICA	1 316	1 873	3.63	3.42	1 130	1 836	13.72	4.35	3	1	3.31	-10.96
LATIN AMERICA and CARIBBEAN	23 975	29 895	4.78	2.09	1 673	1 893	8.52	1.17	4 328	5 570	5.24	2.68
Argentina	1 883	2 543	9.37	2.32	16	12	-0.16	0.00	268	618	19.86	5.86
Brazil	13 097	15 445	4.78	1.68	3	3	28.78	0.00	3 869	4 801	4.42	2.50
Chile	690	841	3.00	1.32	80	20	27.59	-13.22	120	67	6.84	-5.85
Mexico	2 809	3 731	2.16	2.74	639	543	6.24	-1.47	15	21	101.29	7.46
Uruguay	94	122	9.29	2.10	3	4	25.79	-3.37	14	16	104.26	4.99
ASIA and PACIFIC	35 052	47 470	4.82	3.03	6 038	8 355	13.44	3.52	2 476	3 121	10.70	2.90
Bangladesh	189	278	2.71	4.40	0	2	6.39	24.39	0	0	-1.45	-26.63
China ²	17 573	22 385	4.10	2.76	512	933	5.92	3.71	481	723	-1.56	7.81
India	2 447	4 231	7.81	4.79	0	0	24.11	1.95	7	4	22.33	-2.52
Indonesia	1 665	2 432	4.52	3.85	1	1	-20.02	1.98	0	0	-39.20	-1.88
Iran, Islamic Republic of	1 737	2 336	4.68	2.84	42	65	24.81	8.79	31	49	9.95	6.55
Korea	715	950	5.22	2.59	143	103	13.85	-3.35	30	33	37.64	0.00
Malaysia	1 435	1 886	5.84	2.71	45	75	12.45	3.97	30	32	20.26	0.05
Pakistan	845	1 453	10.28	4.05	1	1	2.98	1.65	18	15	136.33	1.66
Saudi Arabia	589	689	1.80	0.99	807	1 292	9.54	4.97	30	29	-5.06	-1.44
Turkey	1 679	2 402	8.68	2.69	489	97	40.70	-8.28	307	439	34.03	1.14
LEAST DEVELOPED COUNTRIES (LDC)	2 270	3 374	5.77	4.11	967	1 405	12.13	2.93	1	0	24.14	-32.62
OECD³	42 723	51 469	1.75	1.72	2 979	2 405	6.35	-1.37	5 653	7 338	5.72	2.31
BRICS	38 179	48 435	5.35	2.44	1 362	2 046	-4.20	3.84	4 405	5 720	4.04	3.17

.. Not available

Note: Calendar year: Year ending 30 September for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933101936>

Table A.22.2. Poultry meat projections: Consumption, per capita

Calendar year

	CONSUMPTION (kt rtc)		Growth (%) ¹		PER CAPITA (kg rwt) ⁵		Growth (%) ¹	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	106 045	134 341	3.91	2.28	13.2	14.9	2.69	1.24
DEVELOPED COUNTRIES	41 350	48 508	1.87	1.49	26.2	29.7	1.39	1.19
NORTH AMERICA	17 435	21 151	0.31	1.85	43.6	48.4	-0.60	1.06
Canada	1 277	1 456	0.69	1.28	32.2	33.2	-0.41	0.35
United States	16 158	19 695	0.28	1.90	44.8	50.1	-0.61	1.12
EUROPE	17 858	19 944	2.84	0.95	21.2	23.6	2.66	0.95
European Union	12 128	13 055	1.69	0.61	21.0	22.2	1.36	0.47
Russian Federation	3 973	4 734	5.91	1.44	24.4	30.1	6.00	1.78
Ukraine	1 037	1 236	6.14	1.83	20.0	25.8	6.68	2.53
OCEANIA DEVELOPED	1 163	1 509	3.24	2.40	37.2	42.5	1.65	1.22
Australia	996	1 300	3.67	2.47	38.0	43.4	1.98	1.24
New Zealand	168	210	0.96	1.97	33.0	37.3	-0.13	1.04
OTHER DEVELOPED ²	4 894	5 903	4.28	1.86	16.1	18.6	3.61	1.49
Japan	1 848	1 835	1.64	-0.07	12.8	13.0	1.61	0.18
South Africa	1 887	2 558	6.94	3.03	31.7	40.1	5.69	2.42
DEVELOPING COUNTRIES	64 694	85 833	5.41	2.75	10.0	11.6	3.98	1.54
AFRICA	4 760	6 914	6.61	3.45	4.1	4.6	3.95	0.99
NORTH AFRICA	2 318	3 206	5.88	2.98	12.1	14.4	4.27	1.63
Algeria	287	393	0.98	2.90	6.6	7.6	-0.80	1.42
Egypt	1 004	1 267	5.53	2.06	10.9	11.8	3.78	0.63
SUB-SAHARAN AFRICA	2 442	3 708	7.34	3.88	2.5	2.9	4.45	1.20
LATIN AMERICA and CARIBBEAN	21 319	26 215	4.95	1.90	30.8	34.0	3.74	0.93
Argentina	1 631	1 937	8.10	1.38	34.9	38.0	7.16	0.61
Brazil	9 231	10 647	4.95	1.34	40.9	43.6	3.97	0.63
Chile	650	794	3.79	1.31	32.8	36.7	2.80	0.54
Mexico	3 433	4 253	2.76	2.07	25.0	27.6	1.49	1.04
Uruguay	83	110	7.37	1.52	21.4	27.5	7.06	1.21
ASIA and PACIFIC	38 615	52 704	5.52	3.11	8.4	10.4	4.35	2.21
Bangladesh	189	280	2.71	4.48	1.1	1.4	1.57	3.35
China ³	17 604	22 595	4.22	2.69	11.2	13.8	3.57	2.28
India	2 439	4 227	7.79	4.80	1.7	2.7	6.37	3.71
Indonesia	1 666	2 433	4.49	3.85	5.9	7.7	3.08	2.80
Iran, Islamic Republic of	1 748	2 352	4.75	2.90	20.1	23.9	3.47	1.78
Korea	828	1 020	5.81	1.89	14.9	17.5	5.20	1.50
Malaysia	1 450	1 928	5.82	2.81	43.7	49.7	3.97	1.42
Pakistan	828	1 439	9.92	4.07	4.1	6.0	7.97	2.50
Saudi Arabia	1 366	1 953	5.89	3.51	42.5	51.2	3.80	1.99
Turkey	1 861	2 060	9.85	2.11	21.8	21.6	8.40	1.13
LEAST DEVELOPED COUNTRIES (LDC)	3 235	4 778	7.34	3.75	3.3	3.8	4.94	1.52
OECD⁴	40 075	46 536	1.58	1.44	27.2	29.9	0.91	0.96
BRICS	35 135	44 761	4.96	2.41	10.3	12.1	4.01	1.73

Note: Calendar year: Year ending 30 September for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Least-squares growth rate (see glossary).
2. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
3. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
4. Excludes Iceland but includes all EU28 member countries.
5. Per capita consumption expressed in retail weight. Carcass weight to retail weight conversion factors of 0.7 for beef and veal, 0.78 for pigmeat and 0.88 for both sheep meat and poultry meat.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933101955>

Table A.23.1. Sheep meat projections: Production and trade

Calendar year

	PRODUCTION (kt cwe) ⁴		Growth (%) ⁵		IMPORTS (kt cwe) ⁶		Growth (%) ⁵		EXPORTS (kt cwe) ⁶		Growth (%) ⁵	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	13 496	17 251	1.27	2.29	864	1 173	0.75	1.89	911	1 183	0.32	1.78
DEVELOPED COUNTRIES	3 266	3 718	-0.25	1.25	367	350	-3.10	-0.37	805	1 025	0.03	1.80
NORTH AMERICA	91	87	-2.51	-0.25	93	88	-1.36	-0.37	8	11	6.79	0.11
Canada	15	14	-2.25	0.10	19	17	-0.56	-1.14	0	0	-12.40	3.00
United States	76	73	-2.57	-0.32	73	71	-1.57	-0.17	8	11	7.52	0.08
EUROPE	1 275	1 254	-1.48	-0.20	234	217	-2.44	-0.67	30	22	17.93	-2.83
European Union	963	899	-2.50	-0.57	207	194	-3.31	-0.82	23	20	27.18	-1.94
Russian Federation	195	234	3.62	0.92	11	12	6.79	-0.26	0	0	..	..
Ukraine	19	20	2.95	0.42	0	0	28.25	10.55	0	0	-34.59	-9.55
OCEANIA DEVELOPED	1 123	1 302	-1.29	1.43	3	4	-2.70	0.00	766	991	-0.41	1.96
Australia	660	815	-0.74	2.29	0	0	..	..	362	528	0.93	3.64
New Zealand	463	487	-2.05	0.12	3	4	-2.70	0.00	404	463	-1.54	0.30
OTHER DEVELOPED ¹	777	1 075	4.55	3.14	37	40	-9.24	1.47	0	0	11.06	-9.64
Japan	0	0	..	..	30	30	-6.97	0.22	0	0	..	..
South Africa	163	191	1.82	1.72	6	4	-19.12	0.94	0	0	-2.46	-4.02
DEVELOPING COUNTRIES	10 230	13 533	1.80	2.60	497	823	4.50	3.03	106	158	2.68	1.61
AFRICA	2 674	3 831	2.56	3.81	23	55	-2.73	5.92	32	27	7.08	-0.89
NORTH AFRICA	699	903	4.62	2.31	7	12	-13.31	2.17	0	0	0.60	-22.19
Algeria	297	399	6.28	2.37	2	5	-37.23	5.25	0	0	-9.08	-15.95
Egypt	127	155	6.85	2.27	2	2	11.50	1.77	0	0	3.07	-31.63
SUB-SAHARAN AFRICA	1 974	2 928	1.91	4.32	16	43	6.70	7.32	32	27	7.09	-0.88
LATIN AMERICA and CARIBBEAN	380	436	0.57	1.41	24	22	-12.08	-0.35	25	32	0.54	2.07
Argentina	58	62	-0.62	0.38	0	0	-8.50	0.00	4	4	-8.18	0.40
Brazil	83	86	1.14	0.60	5	6	..	..	0	0	-14.31	8.43
Chile	18	18	2.43	-0.02	0	0	-36.29	0.53	6	3	1.32	-5.80
Mexico	57	64	3.22	0.86	9	2	-20.54	-11.35	0	0	..	..
Uruguay	34	46	-1.43	2.69	0	0	41.50	-0.32	14	25	4.24	4.03
ASIA and PACIFIC	7 177	9 265	1.60	2.19	449	746	7.20	2.97	49	98	1.51	2.32
Bangladesh	211	341	3.48	4.76	0	1	-12.45	9.74	0	0	-8.61	-30.03
China ²	4 033	5 132	2.12	1.91	155	372	20.70	3.74	6	16	-21.05	0.15
India	909	1 159	3.16	2.26	0	0	14.07	-6.25	14	50	10.25	6.67
Indonesia	118	178	-0.84	4.17	1	1	8.30	2.54	0	0	-2.16	-23.47
Iran, Islamic Republic of	268	290	-6.85	1.03	9	15	175.52	5.13	0	0	-15.09	-15.92
Korea	1	1	-9.92	0.00	5	5	7.76	0.00	0	0	0.21	0.36
Malaysia	1	1	11.63	-1.57	21	36	5.48	3.56	0	0	41.80	-3.44
Pakistan	450	547	-0.95	1.78	0	0	-41.43	-1.36	18	27	18.61	1.37
Saudi Arabia	11	12	-0.10	0.80	28	32	-10.38	4.72	5	3	4.10	-4.51
Turkey	291	403	-1.32	2.68	1	4	45.59	17.54	0	0	-13.16	-14.92
LEAST DEVELOPED COUNTRIES (LDC)	1 845	2 705	2.54	3.97	5	11	-3.52	7.84	20	16	11.55	-1.27
OECD³	2 584	2 816	-1.70	0.82	357	340	-3.91	-0.53	803	1 026	-0.01	1.81
BRICS	5 383	6 802	2.32	1.91	177	394	12.36	3.46	20	66	-7.02	4.41

.. Not available

Note: Calendar year: Year ending 30 September for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Gross indigenous production.
5. Least-squares growth rate (see glossary).
6. Excludes trade of live animals.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933101974>

Table A.23.2. Sheep meat projections: Consumption, per capita

Calendar year

	CONSUMPTION (kt cwe)		Growth (%) ⁴		PER CAPITA (kg rwt) ⁵		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	13 427	17 203	1.26	2.31	1.7	1.9	0.07	1.27
DEVELOPED COUNTRIES	2 720	2 942	-0.86	0.93	1.7	1.8	-1.33	0.63
NORTH AMERICA	170	158	-2.13	-0.35	0.4	0.4	-3.03	-1.13
Canada	35	31	-0.86	-0.61	0.9	0.7	-1.94	-1.52
United States	135	127	-2.44	-0.28	0.4	0.3	-3.31	-1.05
EUROPE	1 444	1 394	-2.07	-0.23	1.7	1.7	-2.24	-0.23
European Union	1 118	1 033	-3.19	-0.61	1.9	1.8	-3.50	-0.74
Russian Federation	201	231	4.27	0.90	1.2	1.5	4.36	1.23
Ukraine	19	20	3.01	0.43	0.4	0.4	3.53	1.12
OCEANIA DEVELOPED	294	275	-3.45	0.19	9.4	7.7	-4.94	-0.97
Australia	255	242	-1.57	0.01	9.7	8.1	-3.18	-1.19
New Zealand	39	33	-12.34	1.72	7.7	5.9	-13.29	0.80
OTHER DEVELOPED ¹	812	1 114	3.27	3.08	2.7	3.5	2.61	2.70
Japan	30	30	-6.97	0.22	0.2	0.2	-7.00	0.47
South Africa	168	195	-0.47	1.71	2.8	3.1	-1.63	1.11
DEVELOPING COUNTRIES	10 706	14 261	1.86	2.62	1.7	1.9	0.48	1.41
AFRICA	2 588	3 779	2.36	3.98	2.2	2.5	-0.18	1.50
NORTH AFRICA	706	914	4.24	2.31	3.7	4.1	2.65	0.96
Algeria	299	404	5.49	2.40	6.8	7.8	3.63	0.93
Egypt	129	157	6.87	2.27	1.4	1.5	5.09	0.84
SUB-SAHARAN AFRICA	1 882	2 864	1.72	4.57	1.9	2.2	-1.01	1.88
LATIN AMERICA and CARIBBEAN	384	427	-0.48	1.15	0.6	0.6	-1.62	0.19
Argentina	54	58	0.08	0.38	1.2	1.1	-0.80	-0.39
Brazil	90	93	1.49	0.58	0.4	0.4	0.55	-0.11
Chile	12	15	2.89	1.68	0.6	0.7	1.91	0.90
Mexico	69	66	-4.02	-0.58	0.5	0.4	-5.21	-1.59
Uruguay	19	20	0.61	1.35	4.8	5.0	0.31	1.04
ASIA and PACIFIC	7 734	10 055	1.83	2.21	1.7	2.0	0.69	1.32
Bangladesh	211	342	3.39	4.76	1.2	1.7	2.24	3.64
China ²	4 183	5 488	2.63	2.03	2.7	3.3	1.99	1.63
India	893	1 108	3.06	2.12	0.6	0.7	1.70	1.06
Indonesia	119	179	-0.70	4.16	0.4	0.6	-2.03	3.10
Iran, Islamic Republic of	249	274	-7.29	1.33	2.9	2.8	-8.41	0.22
Korea	7	7	1.26	0.00	0.1	0.1	0.67	-0.39
Malaysia	23	38	5.47	3.31	0.7	1.0	3.63	1.92
Pakistan	431	519	-1.38	1.80	2.1	2.2	-3.13	0.26
Saudi Arabia	120	130	-3.26	1.22	3.7	3.4	-5.16	-0.27
Turkey	302	411	-0.85	2.72	3.5	4.3	-2.16	1.74
LEAST DEVELOPED COUNTRIES (LDC)	1 757	2 627	2.17	4.16	1.8	2.1	-0.11	1.92
OECD³	2 050	2 050	-2.79	0.18	1.4	1.3	-3.43	-0.29
BRICS	5 535	7 114	2.62	1.98	1.6	1.9	1.70	1.30

Note: Calendar year: Year ending 30 September for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).
5. Per capita consumption expressed in retail weight. Carcass weight to retail weight conversion factors of 0.7 for beef and veal, 0.78 for pigmeat and 0.88 for both sheep meat and poultry meat.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933101993>

Table A.24. Main policy assumptions for meat markets

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
ARGENTINA												
Beef export tax	%	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
CANADA												
Beef tariff-quota	kt pw	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
In-quota tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Out-of-quota tariff	%	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
Poultry meat tariff-quota	kt pw	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
In-quota tariff	%	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Out-of-quota tariff	%	196.6	196.6	196.6	196.6	196.6	196.6	196.6	196.6	196.6	196.6	196.6
EUROPEAN UNION¹												
Beef budget ceiling ²	'000 EUR	1 606 431	1 661 058	..	..	..	..	..	..	..	..	..
Beef basic price ³	EUR/kg dw	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Beef buy-in price ^{3,4}	EUR/kg dw	1.6	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Pigmeat basic price	EUR/kg dw	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Sheep basic rate ⁵	EUR/head	10.5	10.5	..	..	..	..	..	..	..	..	..
Beef tariff-quota	kt cwe	288.9	313.4	313.4	313.4	313.4	313.4	313.4	313.4	313.4	313.4	313.4
Pig tariff-quota	kt cwe	114.6	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2
Poultry tariff-quota	kt rtc	890.7	959.4	959.4	959.4	959.4	959.4	959.4	959.4	959.4	959.4	959.4
Sheep meat tariff-quota	kt cwe	285.2	285.2	285.2	285.2	285.2	285.2	285.2	285.2	285.2	285.2	285.2
Subsidised export limits (WTO)												
Beef ⁶	kt cwe	989.6	989.6	989.6	989.6	989.6	989.6	989.6	989.6	989.6	989.6	989.6
Pigmeat ⁶	kt cwe	588.4	588.4	588.4	588.4	588.4	588.4	588.4	588.4	588.4	588.4	588.4
Poultry meat	kt cwe	430.8	430.8	430.8	430.8	430.8	430.8	430.8	430.8	430.8	430.8	430.8
JAPAN⁷												
Beef stabilisation prices												
Upper price	JPY/kg dw	1 063.3	1 070.0	1 070.0	1 070.0	1 070.0	1 070.0	1 070.0	1 070.0	1 070.0	1 070.0	1 070.0
Lower price	JPY/kg dw	818.3	825.0	825.0	825.0	825.0	825.0	825.0	825.0	825.0	825.0	825.0
Beef tariff	%	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
Pigmeat stabilisation prices												
Upper price	JPY/kg dw	546.7	550.0	550.0	550.0	550.0	550.0	550.0	550.0	550.0	550.0	550.0
Lower price	JPY/kg dw	401.7	405.0	405.0	405.0	405.0	405.0	405.0	405.0	405.0	405.0	405.0
Pigmeat import system ⁸												
Tariff	%	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Standard import price	JPY/kg dw	409.9	409.9	409.9	409.9	409.9	409.9	409.9	409.9	409.9	409.9	409.9
Poultry meat tariff	%	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
KOREA												
Beef tariff	%	37.3	32.0	29.3	26.7	18.0	16.0	14.0	12.0	10.0	8.0	6.0
Beef mark-up	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pigmeat tariff	%	22.5	22.5	22.5	22.5	15.8	14.6	13.5	12.4	11.3	11.3	11.3
Poultry meat tariff	%	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
MEXICO												
Pigmeat tariff	%	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
Pigmeat NAFTA tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Poultry meat tariff-quota	kt pw	127.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0
In-quota tariff	%	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Out-of-quota tariff	%	214.3	150.0	125.0	100.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
RUSSIAN FEDERATION												
Beef tariff-quota	kt pw	566.7	570.0	570.0	570.0	570.0	570.0	570.0	0.0	0.0	0.0	0.0
In-quota tariff	%	15.0	15.0	15.0	15.0	15.0	15.0	15.0	0.0	0.0	0.0	0.0
Out-of-quota tariff	%	50.0	55.0	55.0	55.0	55.0	55.0	55.0	27.5	27.5	9.2	0.0
Pigmeat tariff-quota	kt pw	453.3	430.0	430.0	430.0	430.0	430.0	430.0	0.0	0.0	0.0	0.0
In-quota tariff	%	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Out-of-quota tariff	%	68.3	65.0	65.0	65.0	65.0	65.0	65.0	25.0	25.0	25.0	25.0
Poultry tariff-quota	kt pw	368.7	378.0	378.0	378.0	378.0	378.0	378.0	0.0	0.0	0.0	0.0
In-quota tariff	%	25.0	25.0	25.0	25.0	25.0	25.0	25.0	0.0	0.0	0.0	0.0
Out-of-quota tariff	%	80.0	80.0	80.0	80.0	80.0	80.0	80.0	37.5	37.5	37.5	38.0
UNITED STATES												
Beef tariff-quota	kt pw	696.6	696.6	696.6	696.6	696.6	696.6	696.6	696.6	696.6	696.6	696.6
In-quota tariff	%	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
Out-of-quota tariff	%	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4

Table A.24. Main policy assumptions for meat markets (cont.)

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
CHINA												
Beef tariff	%	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	16.5	16.5	16.5
Pigmeat tariff	%	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
Sheep meat tariff	%	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Poultry meat tariff	%	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
INDIA												
Beef tariff	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pigmeat tariff	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sheep meat tariff	%	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
Poultry meat tariff	%	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
Eggs tariff	%	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
SOUTH AFRICA												
Sheep meat tariff-quota	kt pw	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
In-quota tariff	%	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Out-of-quota tariff	%	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

.. Not available

Note: Average 2011-13est: Data for 2013 are estimated.

1. Till 2014, EU farmers can be granted the Single payment scheme (SPS) or the Single area payment scheme (SAPS), which provides flat-rate payments independent from current production decisions and market developments. From 2015, it becomes the Basic payment scheme (BPS) and it shall account for 68% maximum of the national direct payment envelopes. On top of this, from 2015 onwards, new compulsory policy instruments are introduced: the Green Payment (30%) and young farmer scheme (2%).
2. EU budget ceiling for coupled suckler cow premium, applicable to Belgium, Spain, France, Austria and Portugal. The situation after 2014 is not yet known as member states shall inform the Commission on their decision to grant coupled payments on the 1st of august 2014.
3. Price for R3 grade male cattle.
4. Safety-net trigger.
5. 80% of this basic rate is granted to milk ewes and goats; an additional premium of EUR 3.5/head is granted in Less Favoured Areas. This payment scheme applies only in Portugal and Finland. The situation after 2014 is not yet known as member states shall inform the Commission on their decision to grant coupled payments on the 1st of august 2014.
6. Includes live trade.
7. Year beginning 1 April.
8. Pig carcass imports. Emergency import procedures triggered from November 1995 to March 1996, from July 1996 to June 1997, from August 2001 to March 2002, from August 2002 to March 2003, from August 2003 to March 2004 and from August 2004 to March 2005.

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933102012>

Table A.25. World fish and seafood projections

Calendar year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FISH												
World												
Production	kt	158 828	166 515	168 448	171 963	174 218	176 618	178 758	178 903	182 263	184 130	186 095
of which aquaculture	kt	66 254	72 830	75 304	77 508	79 774	82 187	84 330	86 083	87 796	89 625	91 562
Consumption	kt	158 082	165 506	167 539	171 104	173 559	176 009	178 324	178 419	181 929	183 946	185 986
of which for food	kt	135 794	143 762	147 002	149 591	152 253	154 924	157 504	159 097	161 389	163 681	165 890
of which for reduction	kt	16 082	15 697	14 688	15 762	15 654	15 532	15 365	13 944	15 133	14 930	14 833
Price												
Aquaculture ¹	USD/t	2 118.6	2 149.9	2 177.7	2 171.4	2 239.2	2 217.9	2 222.9	2 335.5	2 356.6	2 468.0	2 484.1
Capture ²	USD/t	1 455.3	1 498.5	1 552.8	1 593.9	1 632.5	1 695.2	1 733.6	1 817.9	1 850.8	1 932.6	1 967.3
Product traded ³	USD/t	2 810.2	2 791.7	2 867.8	2 903.3	2 925.7	3 025.9	3 044.7	3 208.6	3 212.2	3 367.0	3 368.1
Developed countries												
Production	kt	28 650	29 518	29 572	29 325	29 261	29 336	29 474	29 570	29 613	29 660	29 732
of which aquaculture	kt	4 263	4 524	4 551	4 663	4 817	5 006	5 189	5 343	5 490	5 616	5 737
Consumption	kt	36 576	37 210	37 289	37 231	37 345	37 398	37 630	37 669	37 800	37 811	37 949
of which for food	kt	31 467	32 014	32 160	32 285	32 489	32 615	32 890	32 976	33 169	33 225	33 399
of which for reduction	kt	4 035	4 193	4 133	3 957	3 874	3 807	3 769	3 728	3 666	3 621	3 585
Developing countries												
Production	kt	130 178	136 996	138 876	142 638	144 958	147 282	149 284	149 334	152 650	154 470	156 364
of which aquaculture	kt	61 991	68 306	70 753	72 846	74 957	77 181	79 141	80 740	82 306	84 009	85 825
Consumption	kt	121 506	128 296	130 251	133 874	136 214	138 611	140 695	140 751	144 130	146 135	148 038
of which for food	kt	104 327	111 749	114 842	117 307	119 764	122 309	124 613	126 121	128 221	130 456	132 492
of which for reduction	kt	12 046	11 505	10 555	11 805	11 780	11 724	11 595	10 216	11 467	11 309	11 248
OECD												
Production	kt	31 472	31 915	32 144	32 429	32 558	32 767	32 919	32 536	33 142	33 155	33 212
of which aquaculture	kt	5 921	6 273	6 348	6 520	6 755	7 028	7 296	7 543	7 776	7 940	8 122
Consumption	kt	38 815	38 951	39 347	39 749	40 034	40 162	40 359	40 029	40 590	40 595	40 747
of which for food	kt	31 543	32 131	32 341	32 568	32 856	33 024	33 314	33 420	33 634	33 762	33 948
of which for reduction	kt	6 092	5 717	5 909	6 092	6 096	6 063	5 975	5 544	5 891	5 767	5 734
FISHMEAL												
World												
Production	kt	5 181.9	5 336.2	5 178.0	5 460.3	5 466.6	5 476.6	5 469.6	5 161.5	5 487.2	5 477.6	5 491.5
from whole fish	kt	3 753.1	3 673.8	3 443.3	3 700.5	3 682.9	3 661.2	3 629.4	3 304.1	3 587.6	3 546.7	3 530.0
Consumption	kt	5 121.7	5 398.7	5 359.3	5 324.1	5 380.8	5 452.1	5 479.8	5 428.5	5 371.9	5 397.6	5 481.4
Variation in stocks	kt	60.2	-62.5	-181.3	136.1	85.7	24.5	-10.2	-266.9	115.3	80.0	10.1
Price ⁴	USD/t	1 614.1	1 674.3	1 691.1	1 481.8	1 489.1	1 495.2	1 524.6	1 610.1	1 560.8	1 591.1	1 616.1
Developed countries												
Production	kt	1 345.0	1 402.2	1 404.7	1 372.3	1 363.4	1 360.3	1 365.3	1 367.8	1 365.8	1 366.9	1 370.0
from whole fish	kt	948.7	992.2	983.5	943.4	925.6	911.6	904.5	896.6	883.6	874.6	867.9
Consumption	kt	1 787.6	1 732.0	1 688.2	1 605.5	1 575.7	1 555.3	1 536.8	1 413.2	1 406.1	1 389.0	1 392.3
Variation in stocks	kt	-4.3	-3.0	-50.3	45.1	0.7	-0.5	-0.2	-45.9	44.3	0.0	0.1
Developing countries												
Production	kt	3 836.9	3 934.0	3 773.3	4 087.9	4 103.2	4 116.3	4 104.3	3 793.7	4 121.5	4 110.7	4 121.4
from whole fish	kt	2 804.4	2 681.6	2 459.8	2 757.1	2 757.3	2 749.6	2 724.9	2 407.6	2 704.0	2 672.1	2 662.1
Consumption	kt	3 334.1	3 666.7	3 671.1	3 718.6	3 805.1	3 896.8	3 943.0	4 015.3	3 965.8	4 008.6	4 089.0
Variation in stocks	kt	64.4	-59.5	-131.0	91.0	85.0	25.0	-10.0	-221.0	71.0	80.0	10.0
OECD												
Production	kt	1 771.5	1 706.0	1 763.0	1 810.3	1 819.0	1 821.0	1 811.8	1 723.2	1 810.5	1 790.9	1 791.5
from whole fish	kt	1 389.7	1 311.7	1 358.4	1 398.8	1 399.4	1 391.4	1 370.9	1 272.7	1 349.9	1 321.1	1 312.7
Consumption	kt	1 972.3	1 967.4	1 943.8	1 891.3	1 873.5	1 866.9	1 860.2	1 742.0	1 743.0	1 733.0	1 754.3
Variation in stocks	kt	15.1	-3.0	-95.3	90.1	0.7	-0.5	-0.2	-90.9	89.3	0.0	0.1

Table A.25. World fish and seafood projections (cont.)

Calendar year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FISH OIL												
World												
Production	kt	1 084.3	1 073.1	1 035.4	1 108.4	1 118.0	1 123.8	1 127.0	1 065.3	1 139.6	1 152.1	1 162.8
from whole fish	kt	716.0	707.1	656.5	717.7	715.3	711.6	705.1	633.4	697.8	689.6	686.7
Consumption	kt	1 073.3	1 081.3	1 077.9	1 078.4	1 099.5	1 124.2	1 127.4	1 121.5	1 095.6	1 141.5	1 162.1
Variation in stocks	kt	11.0	-8.2	-42.5	30.0	18.6	-0.3	-0.4	-56.3	43.9	10.6	0.7
Price ⁵	USD/t	1 821.2	1 843.2	1 947.4	1 844.1	1 879.5	1 925.2	1 974.4	2 153.9	2 034.1	2 051.7	2 072.4
Developed countries												
Production	kt	389.5	376.0	379.1	377.4	380.2	382.0	385.0	387.4	388.9	391.1	393.7
from whole fish	kt	177.3	187.1	183.9	176.4	172.9	169.9	167.9	165.7	162.6	160.3	158.4
Consumption	kt	616.7	581.0	576.6	578.4	588.9	602.3	607.4	605.6	580.1	611.0	620.8
Variation in stocks	kt	5.0	-0.2	-12.5	5.0	-6.4	-0.3	-0.4	-11.3	8.9	0.6	0.7
Developing countries												
Production	kt	694.8	697.1	656.3	731.0	737.8	741.9	742.0	677.9	750.7	761.0	769.1
from whole fish	kt	538.7	520.1	472.6	541.3	542.4	541.8	537.2	467.7	535.3	529.3	528.3
Consumption	kt	456.7	500.2	501.3	500.0	510.6	521.9	519.9	515.9	515.5	530.4	541.4
Variation in stocks	kt	6.0	-8.0	-30.0	25.0	25.0	0.0	0.0	-45.0	35.0	10.0	0.0
OECD												
Production	kt	597.2	560.4	578.5	595.8	604.2	609.1	611.4	595.4	619.9	630.8	639.5
from whole fish	kt	309.5	293.9	303.9	313.5	313.8	312.1	307.5	285.1	303.1	296.7	295.0
Consumption	kt	839.6	829.5	818.8	818.9	829.8	845.0	846.9	840.0	808.5	851.3	863.2
Variation in stocks	kt	3.3	-0.2	-12.5	15.0	3.6	-0.3	-0.4	-26.3	23.9	0.6	0.7

Note: The term "fish" indicates fish, crustaceans, molluscs and other aquatic animals, but excludes aquatic mammals, crocodiles, caimans, alligators and aquatic plants.

Average 2011-13est: Data for 2013 are estimated.

1. World unit value of aquaculture fisheries production (live weight basis).
2. FAO estimated value of world ex vessel value of capture fisheries production excluding for reduction.
3. World unit value of trade (sum of exports and imports).
4. Fishmeal, 64-65% protein, Hamburg, Germany.
5. Fish oil, any origin, N.W. Europe.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933102031>

Table A.26.1. Fish and seafood projections: Production and trade

Calendar year

	PRODUCTION (kt)		Growth (%) ³		IMPORTS (kt)		Growth (%) ³		EXPORTS (kt)		Growth (%) ³	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	158 828	186 095	2.11	1.22	37 058	45 432	2.18	1.97	37 838	45 532	2.73	1.70
DEVELOPED COUNTRIES	28 650	29 732	-0.42	0.10	20 405	23 004	0.55	1.30	12 509	14 787	1.72	1.96
NORTH AMERICA	6 550	6 497	-0.53	-0.08	5 470	6 637	1.19	1.77	2 942	3 231	0.42	1.27
Canada	1 013	1 118	-3.08	0.99	654	812	1.41	2.46	796	1 031	-2.82	3.01
United States	5 537	5 379	0.01	-0.29	4 817	5 824	1.16	1.67	2 146	2 200	1.90	2.75
EUROPE	16 173	17 243	0.26	0.30	10 234	12 040	1.16	1.90	8 353	10 219	2.63	-0.10
European Union	6 198	6 075	-1.80	-0.73	7 754	9 218	1.31	1.94	2 233	2 713	-0.06	-4.90
Norway	3 559	4 601	2.27	2.24	262	212	2.21	-2.51	2 985	4 083	5.73	0.30
Russian Federation	4 408	4 640	4.46	0.32	1 171	1 465	0.67	3.20	1 749	2 253	2.63	0.39
OCEANIA DEVELOPED	776	838	-2.01	0.77	517	633	2.44	1.78	450	413	-2.58	-0.07
Australia	239	287	-1.48	1.26	463	583	2.23	1.95	56	30	-4.30	2.01
New Zealand	537	551	-2.24	0.53	54	50	4.57	0.00	394	383	-2.32	1.73
OTHER DEVELOPED ¹	5 151	5 154	-1.97	-0.42	4 183	3 694	-1.68	-1.16	764	925	0.28	-1.60
Japan	4 395	4 364	-1.92	-0.41	3 699	3 118	-2.46	-1.67	556	688	0.60	3.11
South Africa	637	664	-2.90	-0.71	163	247	10.36	4.36	162	204	0.12	-12.24
DEVELOPING COUNTRIES	130 178	156 364	2.75	1.45	16 654	22 428	4.53	2.70	25 329	30 745	3.28	3.11
AFRICA	8 890	10 244	2.94	0.74	3 896	4 832	4.12	2.48	1 712	1 509	0.06	-1.47
NORTH AFRICA	2 767	3 208	4.02	0.43	628	1 000	6.02	5.81	462	418	3.58	-1.95
Egypt	1 439	1 784	6.85	0.86	343	610	2.67	6.58	18	8	14.79	2.71
SUB-SAHARAN AFRICA	6 123	7 036	2.47	0.89	3 268	3 832	3.76	1.73	1 250	1 091	-1.05	-0.99
Ghana	380	415	-0.26	0.56	306	337	-0.58	0.88	31	42	-7.78	2.26
Nigeria	908	1 145	7.00	1.92	1 398	1 662	2.61	1.91	8	5	-0.22	1.25
LATIN AMERICA and CARIBBEAN	16 483	17 353	-3.16	1.12	1 988	3 131	6.97	3.41	4 127	5 147	0.60	5.92
Argentina	814	903	-2.81	0.51	60	60	4.49	0.00	650	771	-2.04	2.81
Brazil	1 554	2 088	6.00	2.50	638	1 318	11.72	6.00	41	68	-12.52	3.07
Chile	3 632	4 366	-5.44	2.38	63	60	4.49	0.00	1 361	1 834	-0.82	3.47
Mexico	1 694	1 715	2.21	0.30	317	459	6.12	2.41	178	256	2.87	1.87
Peru	6 387	5 968	-5.71	0.60	98	70	10.45	-5.11	659	855	6.10	0.60
ASIA and PACIFIC	104 805	128 767	3.92	1.56	10 770	14 465	4.27	2.63	19 490	24 090	4.26	0.60
China ²	57 098	72 113	4.12	1.72	3 502	4 470	5.38	1.58	8 082	10 335	4.37	2.20
India	8 735	10 639	4.27	1.30	20	305	7.28	38.51	1 035	1 155	8.52	-0.27
Indonesia	8 799	11 277	5.82	2.12	226	441	22.54	5.65	1 320	2 016	4.79	2.88
Korea	2 193	2 192	0.37	0.44	1 590	1 848	-0.39	1.40	720	720	6.73	-0.21
Philippines	3 143	3 456	1.55	0.42	276	549	12.07	14.22	359	92	9.55	-12.05
Thailand	2 992	3 307	-4.27	1.37	1 671	2 001	2.71	1.45	2 278	3 190	0.50	4.10
Viet Nam	5 671	6 811	7.45	1.21	260	375	19.48	3.09	2 370	2 825	11.73	1.37
LEAST DEVELOPED COUNTRIES (LDC)	12 651	15 150	5.62	1.30	811	873	11.01	1.07	1 425	1 454	2.12	-0.22
OECD	31 472	33 212	-1.36	0.42	20 109	22 677	0.47	1.21	12 792	15 142	1.61	1.55
BRICS	72 432	90 144	4.11	1.59	5 493	7 805	4.90	3.13	11 069	14 015	4.19	2.12

Note: Fish: The term "fish" indicates fish, crustaceans, molluscs and other aquatic animals, but excludes aquatic mammals, crocodiles, caimans, alligators and aquatic plants. Imports and exports refer to trade of food fish i.e. for human consumption.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933102050>

Table A.26.2. Fish and seafood projections: Reduction, food use, per capita

Calendar year

	REDUCTION (kt)		Growth (%) ³		FOOD USE (kt)		Growth (%) ³		PER CAPITA (kg)		Growth (%) ³	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	16 082	14 833	-3.79	-0.58	135 794	165 890	2.95	1.57	19.2	20.9	1.73	0.54
DEVELOPED COUNTRIES	4 035	3 585	-4.08	-1.71	31 467	33 399	-0.22	0.48	22.6	23.2	-0.69	0.19
NORTH AMERICA	802	723	0.93	-0.68	7 954	8 864	-0.21	0.79	22.6	23.1	-1.12	0.01
Canada	42	57	-7.95	0.98	796	817	0.69	0.10	22.9	21.2	-0.41	-0.82
United States	760	666	1.73	-0.82	7 158	8 047	-0.31	0.87	22.5	23.3	-1.19	0.10
EUROPE	2 057	1 862	-6.61	-1.99	15 372	16 652	0.50	0.77	20.7	22.4	0.33	0.77
European Union	762	534	-3.55	-3.88	10 607	11 696	-0.29	0.99	20.9	22.6	-0.61	0.85
Norway	390	300	-10.71	-3.51	287	330	2.61	1.39	57.5	59.6	1.50	0.42
Russian Federation	353	329	3.93	-0.83	3 361	3 424	3.67	-0.04	23.5	24.8	3.75	0.29
OCEANIA DEVELOPED	121	117	-2.73	-0.25	722	941	1.69	2.03	26.3	30.1	0.12	0.85
Australia	39	36	-2.85	-1.02	607	804	1.87	2.22	26.3	30.5	0.21	0.99
New Zealand	81	81	-2.60	0.12	116	137	0.76	0.96	25.9	27.7	-0.33	0.04
OTHER DEVELOPED ¹	1 056	881	-1.35	-2.08	7 418	6 942	-1.73	-0.69	27.7	24.9	-2.36	-1.06
Japan	739	496	-1.90	-4.05	6 716	6 198	-1.90	-0.77	52.8	49.9	-1.93	-0.53
South Africa	317	386	0.24	1.26	317	321	-4.03	-1.23	6.0	5.7	-5.15	-1.81
DEVELOPING COUNTRIES	12 046	11 248	-3.66	-0.18	104 327	132 492	4.08	1.86	18.4	20.4	2.67	0.66
AFRICA	495	506	-1.37	-0.60	10 381	12 886	4.13	1.77	10.2	9.7	1.54	-0.66
NORTH AFRICA	296	304	1.35	-0.97	2 602	3 461	4.84	2.30	15.4	17.6	3.24	0.95
Egypt	0	0	..	..	1 764	2 387	5.87	2.24	21.8	25.2	4.11	0.81
SUB-SAHARAN AFRICA	198	202	-4.65	0.00	7 779	9 425	3.90	1.58	9.1	8.3	1.11	-1.04
Ghana	0	0	..	..	647	710	0.09	0.59	25.5	22.6	-2.32	-1.31
Nigeria	0	0	..	..	2 298	2 802	4.23	1.92	13.6	12.3	1.43	-0.79
LATIN AMERICA and CARIBBEAN	7 949	7 361	-4.63	0.39	5 960	7 657	2.70	2.04	9.8	11.3	1.52	1.07
Argentina	0	0	..	..	231	192	-2.90	-2.14	5.6	4.3	-3.75	-2.89
Brazil	57	45	1.99	-2.48	2 093	3 293	8.69	3.78	10.5	15.3	7.68	3.06
Chile	1 990	2 209	-6.18	2.35	254	282	-0.53	0.94	14.6	14.8	-1.47	0.17
Mexico	566	485	7.67	0.03	1 268	1 432	0.87	0.58	10.5	10.5	-0.38	-0.45
Peru	5 078	4 354	-5.36	-0.31	685	809	3.01	2.46	22.8	23.7	1.85	1.27
ASIA and PACIFIC	3 603	3 381	-1.58	-1.24	87 986	111 949	4.17	1.86	21.7	25.0	3.01	0.97
China ²	1 194	1 129	-5.82	-1.85	48 224	62 120	4.26	1.81	35.0	43.0	3.61	1.41
India	264	242	-0.81	-0.79	7 272	9 447	3.77	1.95	5.9	6.8	2.41	0.89
Indonesia	30	30	0.06	0.00	7 417	9 622	5.84	2.38	30.0	34.7	4.42	1.34
Korea	54	38	-11.47	-0.91	2 846	3 183	0.92	1.17	58.1	62.0	0.33	0.77
Philippines	0	0	..	..	3 060	3 913	1.47	2.21	31.7	33.8	-0.25	0.58
Thailand	716	616	-3.58	-1.79	1 652	1 502	-3.84	-1.65	24.7	22.1	-4.11	-1.76
Viet Nam	414	334	11.41	-3.01	3 155	4 026	5.31	1.70	34.7	40.7	4.32	0.97
LEAST DEVELOPED COUNTRIES (LDC)	374	434	9.61	1.22	10 834	13 765	6.24	1.95	12.5	12.5	3.86	-0.25
OECD	6 092	5 734	-4.66	-0.37	31 543	33 948	-0.39	0.62	24.3	24.8	-1.05	0.14
BRICS	2 187	2 130	-3.07	-1.10	61 266	78 605	4.23	1.80	20.4	24.2	3.30	1.13

.. Not available

Note: Fish: The term "fish" indicates fish, crustaceans, molluscs and other aquatic animals, but excludes aquatic mammals, crocodiles, caimans, alligators and aquatic plants. Imports and exports refer to trade of food fish i.e. for human consumption.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933102069>

Table A.27.1. World dairy projections: Butter and cheese

Calendar year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
BUTTER												
World												
Production	kt pw	9 885	10 460	10 651	10 887	11 125	11 364	11 596	11 842	12 102	12 358	12 620
Consumption	kt pw	9 880	10 422	10 627	10 861	11 101	11 340	11 578	11 825	12 085	12 337	12 598
Stock changes	kt pw	-8	20	6	7	5	5	-1	-2	-1	2	3
Price ¹	USD/t	3 939	3 686	3 538	3 551	3 581	3 569	3 593	3 644	3 630	3 681	3 695
Developed countries												
Production	kt pw	4 473	4 640	4 647	4 681	4 712	4 749	4 769	4 795	4 834	4 868	4 906
Consumption	kt pw	3 997	4 107	4 121	4 142	4 163	4 185	4 196	4 214	4 239	4 264	4 289
Developing countries												
Production	kt pw	5 412	5 820	6 004	6 206	6 413	6 615	6 827	7 047	7 268	7 490	7 714
Consumption	kt pw	5 882	6 315	6 506	6 719	6 938	7 155	7 382	7 611	7 846	8 074	8 308
OECD²												
Production	kt pw	4 149	4 311	4 305	4 338	4 365	4 395	4 411	4 432	4 467	4 495	4 526
Consumption	kt pw	3 579	3 721	3 737	3 761	3 780	3 801	3 809	3 824	3 845	3 866	3 887
Stock changes	kt pw	31	20	6	7	6	5	0	-2	-1	2	2
CHEESE												
World												
Production	kt pw	21 210	21 791	22 231	22 645	23 028	23 412	23 786	24 173	24 524	24 879	25 251
Consumption	kt pw	21 042	21 609	22 010	22 427	22 811	23 198	23 573	23 960	24 308	24 667	25 039
Stock changes	kt pw	-42	-33	7	3	3	1	0	-1	1	-2	-1
Price ³	USD/t	4 175	4 152	4 131	4 223	4 314	4 377	4 467	4 566	4 633	4 756	4 851
Developed countries												
Production	kt pw	17 030	17 493	17 844	18 185	18 469	18 713	18 963	19 270	19 527	19 796	20 025
Consumption	kt pw	16 414	16 760	17 013	17 272	17 491	17 699	17 901	18 134	18 294	18 490	18 676
Developing countries												
Production	kt pw	4 180	4 298	4 387	4 460	4 558	4 699	4 823	4 903	4 996	5 083	5 226
Consumption	kt pw	4 628	4 849	4 997	5 155	5 320	5 499	5 671	5 826	6 014	6 177	6 362
OECD²												
Production	kt pw	16 408	16 800	17 145	17 460	17 731	17 968	18 216	18 507	18 744	18 992	19 200
Consumption	kt pw	15 655	15 963	16 201	16 449	16 658	16 856	17 045	17 266	17 413	17 600	17 774
Stock changes	kt pw	3	-33	7	3	3	1	0	-1	1	-2	-1

Note: Calendar year: Year ending 30 June for Australia and 31 May for New Zealand in OECD aggregate.

Average 2011-13est: Data for 2013 are estimated.

1. F.o.b. export price, butter, 82% butterfat, Oceania.
2. Excludes Iceland but includes all EU28 member countries.
3. F.o.b. export price, cheddar cheese, 39% moisture, Oceania.

Source: OECD and FAO Secretariats


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Table A.27.2. World dairy projections: Powders and casein

Calendar year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
SKIM MILK POWDER												
World												
Production	kt pw	3 759	3 907	4 001	4 085	4 175	4 256	4 329	4 400	4 486	4 560	4 633
Consumption	kt pw	3 800	3 932	4 017	4 093	4 159	4 238	4 298	4 370	4 451	4 543	4 616
Stock changes	kt pw	-17	-43	-34	-25	-3	0	12	11	17	-1	-1
Price ¹	USD/t	3 740	3 865	3 706	3 702	3 732	3 758	3 816	3 829	3 799	3 788	3 806
Developed countries												
Production	kt pw	3 279	3 443	3 531	3 608	3 685	3 761	3 819	3 881	3 962	4 029	4 093
Consumption	kt pw	1 880	1 872	1 912	1 940	1 959	1 976	1 981	2 000	2 026	2 062	2 080
Developing countries												
Production	kt pw	480	464	470	477	489	495	509	519	524	531	540
Consumption	kt pw	1 920	2 060	2 104	2 153	2 200	2 261	2 317	2 370	2 425	2 482	2 536
OECD²												
Production	kt pw	3 091	3 235	3 322	3 396	3 472	3 541	3 597	3 656	3 735	3 799	3 856
Consumption	kt pw	1 953	1 900	1 943	1 973	1 994	2 012	2 019	2 041	2 069	2 106	2 127
Stock changes	kt pw	-67	14	-4	-5	-3	0	2	1	7	-1	-1
WHOLE MILK POWDER												
World												
Production	kt pw	4 705	4 928	5 055	5 183	5 279	5 412	5 530	5 662	5 772	5 899	6 022
Consumption	kt pw	4 717	4 947	5 074	5 202	5 298	5 431	5 549	5 681	5 790	5 918	6 040
Stock changes	kt pw	31	0	0	0	0	0	0	0	0	0	0
Price ³	USD/t	3 937	4 390	4 159	4 178	4 189	4 214	4 254	4 274	4 268	4 280	4 293
Developed countries												
Production	kt pw	2 129	2 214	2 280	2 299	2 336	2 376	2 417	2 454	2 500	2 536	2 579
Consumption	kt pw	527	513	521	525	531	536	541	546	551	557	562
Developing countries												
Production	kt pw	2 576	2 714	2 775	2 884	2 943	3 037	3 113	3 208	3 272	3 363	3 442
Consumption	kt pw	4 189	4 434	4 553	4 677	4 767	4 895	5 008	5 135	5 239	5 361	5 479
OECD²												
Production	kt pw	2 357	2 458	2 522	2 539	2 580	2 626	2 673	2 713	2 762	2 804	2 852
Consumption	kt pw	796	787	797	803	810	816	822	828	834	842	849
Stock changes	kt pw	0	0	0	0	0	0	0	0	0	0	0
WHEY POWDER												
Wholesale price, United States ⁴	USD/t	1 241	1 236	1 209	1 241	1 257	1 249	1 243	1 234	1 189	1 196	1 204
CASEIN												
Price ⁵	USD/t	8 735	8 883	8 829	8 808	8 899	8 923	9 044	9 121	9 089	9 127	9 216

Note: Calendar year: Year ending 30 June for Australia and 31 May for New Zealand in OECD aggregate.

Average 2011-13est: Data for 2013 are estimated.

1. F.o.b. export price, non-fat dry milk, 1.25% butterfat, Oceania.
2. Excludes Iceland but includes all EU28 member countries.
3. F.o.b. export price, WMP 26% butterfat, Oceania.
4. Dry whey, West Region, United States.
5. Export price, New Zealand.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933102107>

Table A.28.1. Butter projections: Production and trade

Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	9 885	12 620	1.79	2.12	823	905	-1.72	0.68	844	924	-1.05	0.66
DEVELOPED COUNTRIES	4 473	4 906	0.53	0.64	288	225	-6.96	-2.34	743	840	-1.64	0.72
NORTH AMERICA	929	1 106	4.02	1.67	20	13	-9.00	-4.38	60	111	25.46	5.49
Canada	91	84	1.35	-1.11	7	6	-8.20	0.00	0	0	-3.81	0.00
United States	838	1 021	4.35	1.93	13	8	-9.36	-6.56	60	111	27.08	5.50
EUROPE	2 790	2 984	-0.41	0.30	204	147	-8.54	-2.61	208	227	-8.45	-0.10
European Union	2 237	2 330	-0.23	0.09	29	23	-14.33	-1.56	124	138	-11.89	0.73
Russian Federation	272	358	-2.66	2.20	159	116	-8.07	-2.82	3	3	-4.23	0.00
Ukraine	84	84	-4.10	-0.12	8	2	141.77	-8.42	2	5	-32.59	3.11
OCEANIA DEVELOPED	621	666	0.74	0.44	22	25	11.46	0.51	474	500	1.57	0.31
Australia	121	139	-2.52	1.60	21	24	10.93	0.52	52	67	-5.39	3.07
New Zealand	501	527	1.68	0.15	1	1	..	0.00	423	433	2.77	-0.05
OTHER DEVELOPED ¹	133	150	-0.92	1.16	44	41	-1.73	-2.09	2	1	-1.90	-1.70
Japan	67	67	-2.28	-0.06	9	8	-15.61	-4.75	0	0	..	..
South Africa	13	12	0.75	-0.06	4	7	7.26	3.51	1	1	4.17	-3.55
DEVELOPING COUNTRIES	5 412	7 714	2.93	3.19	534	680	2.40	1.91	101	84	4.85	0.11
AFRICA	301	410	2.97	2.87	126	164	2.59	2.53	4	3	28.39	-0.63
NORTH AFRICA	172	207	2.28	1.72	108	136	3.35	2.90	3	2	58.58	-1.26
Algeria	3	4	2.09	2.38	16	23	2.71	3.54	0	0	0.00	-3.42
Egypt	128	147	1.24	1.43	72	99	10.73	3.93	3	2	77.10	-1.33
SUB-SAHARAN AFRICA	129	202	3.95	4.19	18	28	-0.60	1.11	1	1	12.63	0.67
LATIN AMERICA and CARIBBEAN	243	275	1.58	1.00	51	61	-3.71	0.52	58	39	10.44	-1.83
Argentina	54	64	3.39	1.83	0	0	..	..	23	20	22.80	0.18
Brazil	81	90	0.62	0.94	3	3	28.54	1.38	1	1	-5.93	5.83
Chile	23	30	6.72	1.78	3	5	6.89	1.74	4	5	18.86	-1.71
Mexico	14	14	-2.79	0.24	24	25	-8.66	-3.12	3	1	20.22	-21.86
Uruguay	17	16	-0.80	-0.68	0	0	0.00	0.88	17	12	3.71	-0.87
ASIA and PACIFIC	4 868	7 029	2.99	3.31	358	454	3.45	1.90	39	41	-0.83	2.40
Bangladesh	27	39	4.04	3.32	4	9	2.33	9.27	0	0	10.50	-0.65
China ²	109	137	1.12	1.69	46	57	19.79	1.13	2	0	47.66	0.00
India	3 543	5 321	3.35	3.72	3	2	2.00	1.05	9	8	7.95	-1.21
Indonesia	0	0	0.00	-53.38	16	21	2.41	2.79	1	0	29.34	-2.72
Iran, Islamic Republic of	187	207	-1.25	1.16	46	66	4.50	1.00	1	0	-10.10	-0.12
Korea	5	7	-1.14	2.53	8	8	25.83	1.25	0	0	..	..
Malaysia	0	0	0.00	-2.45	14	16	2.86	0.94	4	4	17.23	-0.93
Pakistan	689	912	2.68	2.53	0	0	-8.18	2.32	1	1	82.07	-2.62
Saudi Arabia	6	3	1.35	-8.26	57	93	4.94	5.03	3	2	-18.24	-4.79
Turkey	182	236	4.96	1.13	14	13	15.25	-0.96	1	0	25.87	-4.26
LEAST DEVELOPED COUNTRIES (LDC)	216	330	2.92	3.91	15	18	1.29	-0.21	5	15	15.47	14.30
OECD³	4 149	4 526	0.96	0.57	131	124	-5.80	-1.63	670	760	-1.66	0.88
BRICS	4 018	5 919	2.72	3.51	215	184	-4.78	-1.46	16	13	3.40	-0.73

.. Not available

Note: Calendar year: Year ending 30 June for Australia and 31 May for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933102126>

Table A.28.2. Butter projections: Consumption, per capita

Calendar year

	CONSUMPTION (kt)		Growth (%) ¹		PER CAPITA (kg)		Growth (%) ¹	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	9 880	12 598	1.93	2.14	1.4	1.6	0.73	1.11
DEVELOPED COUNTRIES	3 997	4 289	0.30	0.48	2.9	3.0	-0.18	0.18
NORTH AMERICA	877	1 006	2.78	1.27	2.5	2.6	1.84	0.48
Canada	96	88	0.55	-0.54	2.7	2.3	-0.55	-1.46
United States	781	918	3.08	1.47	2.5	2.7	2.16	0.69
EUROPE	2 781	2 903	-0.62	0.20	3.7	3.9	-0.79	0.21
European Union	2 135	2 215	0.40	0.09	4.2	4.3	0.07	-0.05
Russian Federation	434	472	-4.86	0.73	3.0	3.4	-4.77	1.06
Ukraine	87	81	-1.59	-0.63	1.9	1.9	-1.10	0.06
OCEANIA DEVELOPED	162	191	6.27	0.78	5.9	6.1	4.64	-0.39
Australia	83	96	1.17	0.43	3.6	3.7	-0.48	-0.77
New Zealand	79	94	14.74	1.14	17.7	19.1	13.50	0.22
OTHER DEVELOPED ²	178	190	-0.36	0.37	0.7	0.7	-0.99	0.00
Japan	77	76	-2.26	-0.70	0.6	0.6	-2.29	-0.45
South Africa	15	18	2.20	1.27	0.3	0.3	1.01	0.67
DEVELOPING COUNTRIES	5 882	8 308	3.17	3.12	1.0	1.3	1.77	1.90
AFRICA	418	571	2.78	2.79	0.4	0.4	0.23	0.34
NORTH AFRICA	269	342	2.24	2.20	1.6	1.7	0.68	0.86
Algeria	18	26	4.37	3.37	0.5	0.6	2.53	1.89
Egypt	188	245	2.66	2.41	2.3	2.6	0.96	0.98
SUB-SAHARAN AFRICA	149	229	3.83	3.74	0.2	0.2	1.04	1.07
LATIN AMERICA and CARIBBEAN	244	296	-0.45	1.30	0.4	0.4	-1.59	0.34
Argentina	32	45	0.49	2.51	0.8	1.0	-0.38	1.73
Brazil	83	91	1.10	0.86	0.4	0.4	0.16	0.16
Chile	22	30	5.54	2.45	1.3	1.6	4.54	1.67
Mexico	35	38	-7.74	-0.71	0.3	0.3	-8.89	-1.72
Uruguay	1	4	-43.37	-0.08	0.2	1.1	-43.53	-0.39
ASIA and PACIFIC	5 220	7 442	3.40	3.22	1.3	1.7	2.25	2.32
Bangladesh	30	48	3.88	4.18	0.2	0.3	2.73	3.06
China ³	152	194	4.39	1.52	0.1	0.1	3.75	1.12
India	3 570	5 315	3.70	3.72	2.9	3.8	2.34	2.64
Indonesia	15	21	3.09	2.83	0.1	0.1	1.71	1.78
Iran, Islamic Republic of	243	273	1.68	1.13	3.2	3.1	0.44	0.02
Korea	13	16	8.32	1.83	0.3	0.3	7.69	1.44
Malaysia	10	12	0.61	1.73	0.3	0.4	-1.15	0.36
Pakistan	685	912	2.63	2.53	3.8	4.3	0.80	0.98
Saudi Arabia	56	94	7.64	4.55	2.0	2.8	5.52	3.02
Turkey	190	249	4.92	1.01	2.5	3.0	3.53	0.04
LEAST DEVELOPED COUNTRIES (LDC)	229	333	3.09	3.29	0.3	0.3	0.78	1.07
OECD⁴	3 579	3 887	1.26	0.47	2.8	2.8	0.60	0.00
BRICS	4 254	6 090	2.48	3.33	1.4	1.9	1.56	2.64

Note: Calendar year: Year ending 30 June for Australia and 31 May for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Least-squares growth rate (see glossary).
2. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
3. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
4. Excludes Iceland but includes all EU28 member countries.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933102145>

Table A.29.1. Cheese projections: Production and trade

Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	21 210	25 251	1.78	1.63	2 145	2 732	4.03	2.65	2 359	2 946	5.03	2.43
DEVELOPED COUNTRIES	17 030	20 025	1.49	1.49	1 103	1 174	1.65	0.66	1 755	2 524	3.36	3.38
NORTH AMERICA	5 309	6 652	2.35	2.08	160	135	-5.44	1.14	270	453	19.81	5.12
Canada	384	439	1.27	1.18	23	22	1.07	0.00	10	10	-1.23	-0.15
United States	4 925	6 213	2.44	2.15	137	113	-6.28	1.38	260	443	21.91	5.27
EUROPE	10 699	12 082	1.20	1.11	591	586	3.51	-0.28	1 044	1 465	3.78	3.15
European Union	9 547	10 690	1.19	1.03	76	66	-4.08	-1.36	744	1 143	3.96	3.59
Russian Federation	459	596	2.28	2.23	414	433	4.98	-0.04	17	13	7.35	-0.08
Ukraine	186	237	-4.49	1.76	16	6	16.22	-9.08	70	102	-2.98	4.91
OCEANIA DEVELOPED	667	862	-0.42	2.46	79	83	5.80	0.47	434	601	-1.91	2.84
Australia	341	414	-1.55	2.10	74	78	4.74	0.50	166	221	-3.74	2.80
New Zealand	326	448	0.88	2.81	5	5	..	0.00	268	380	-0.64	2.86
OTHER DEVELOPED ¹	355	428	1.84	1.74	273	371	2.30	2.24	7	6	-2.94	-1.81
Japan	47	60	3.44	3.08	227	252	0.80	0.28	0	0	..	..
South Africa	45	55	1.43	1.65	10	20	11.58	7.56	3	3	6.26	-2.68
DEVELOPING COUNTRIES	4 180	5 226	3.03	2.21	1 042	1 558	7.21	4.44	604	422	12.00	-1.97
AFRICA	955	1 125	1.08	1.13	173	293	11.30	7.32	147	74	18.47	-5.29
NORTH AFRICA	697	781	0.98	0.75	146	209	12.99	6.44	147	74	18.59	-5.29
Algeria	2	2	0.00	0.33	25	31	0.67	3.31	0	0	-25.67	-3.21
Egypt	645	698	0.71	0.36	64	77	29.98	5.56	133	74	34.02	-5.27
SUB-SAHARAN AFRICA	257	344	1.35	2.07	27	84	4.64	9.84	0	0	-5.61	-4.66
LATIN AMERICA and CARIBBEAN	1 989	2 549	4.55	2.42	295	375	8.31	2.86	144	91	2.33	-4.64
Argentina	559	759	4.25	2.78	3	0	..	..	54	58	2.07	-1.74
Brazil	700	860	4.90	2.08	32	13	33.82	-6.10	3	3	-14.17	1.87
Chile	77	82	1.49	1.35	35	72	23.44	6.20	9	5	-6.75	-5.83
Mexico	175	196	3.13	1.09	94	123	3.36	1.73	3	0	21.25	-24.64
Uruguay	96	118	9.48	2.20	2	2	24.01	2.75	32	4	2.32	-19.30
ASIA and PACIFIC	1 237	1 552	2.37	2.70	574	890	5.72	4.33	313	256	17.69	0.53
Bangladesh	1	1	0.00	0.52	0	1	13.23	8.25	0	0	-8.93	-7.63
China ²	263	342	-0.30	3.23	39	128	24.77	7.88	0	0	-8.88	1.40
India	2	2	24.36	3.36	1	1	13.57	-1.30	3	3	25.56	1.31
Indonesia	0	0	0.00	-4.51	20	36	9.28	5.71	1	0	12.13	-5.40
Iran, Islamic Republic of	252	268	-1.47	1.01	0	0	13.38	-0.24	40	11	51.98	-7.59
Korea	25	31	-0.61	1.73	80	99	8.83	1.46	0	0	..	..
Malaysia	0	0	0.00	3.74	14	27	10.16	6.08	0	0	29.65	-5.73
Pakistan	0	0	0.00	-0.26	1	3	7.50	5.47	0	0	-4.65	-5.18
Saudi Arabia	221	285	23.52	3.58	125	119	3.00	0.14	188	154	17.60	-0.14
Turkey	172	229	2.62	4.42	6	12	2.62	1.38	35	63	14.68	10.96
LEAST DEVELOPED COUNTRIES (LDC)	371	497	2.74	2.10	34	120	5.62	12.07	0	0	-1.61	-5.24
OECD³	16 408	19 200	1.50	1.47	822	911	0.77	0.96	1 571	2 339	3.37	3.60
BRICS	1 469	1 855	2.80	2.32	496	595	6.81	1.23	25	23	1.95	-0.03

.. Not available

Note: Calendar year: Year ending 30 June for Australia and 31 May for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933102164>

Table A.29.2. Cheese projections: Consumption, per capita

Calendar year

	CONSUMPTION (kt)		Growth (%) ¹		PER CAPITA (kg)		Growth (%) ¹	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	21 042	25 039	1.75	1.64	3.0	3.2	0.55	0.61
DEVELOPED COUNTRIES	16 414	18 676	1.35	1.20	11.8	13.0	0.88	0.90
NORTH AMERICA	5 202	6 336	1.57	1.85	14.8	16.5	0.65	1.06
Canada	401	451	1.56	1.21	11.5	11.7	0.45	0.29
United States	4 801	5 885	1.57	1.90	15.1	17.0	0.67	1.12
EUROPE	10 273	11 203	1.14	0.79	13.8	15.1	0.97	0.79
European Union	8 880	9 613	0.93	0.74	17.5	18.6	0.60	0.60
Russian Federation	858	1 016	3.53	1.22	6.0	7.3	3.62	1.55
Ukraine	155	140	0.16	-0.64	3.4	3.3	0.66	0.04
OCEANIA DEVELOPED	313	344	2.73	1.36	11.4	11.0	1.14	0.19
Australia	250	270	1.11	1.10	10.9	10.3	-0.54	-0.11
New Zealand	63	74	12.02	2.34	14.1	14.9	10.81	1.42
OTHER DEVELOPED ²	625	793	2.47	2.00	2.3	2.8	1.81	1.63
Japan	274	312	1.29	0.76	2.2	2.5	1.25	1.01
South Africa	52	72	2.73	3.27	1.0	1.3	1.53	2.66
DEVELOPING COUNTRIES	4 628	6 362	3.24	3.08	0.8	1.0	1.84	1.87
AFRICA	995	1 344	1.40	2.77	1.0	1.0	-1.12	0.32
NORTH AFRICA	709	916	1.31	2.56	4.2	4.7	-0.24	1.21
Algeria	26	34	1.55	2.75	0.7	0.7	-0.24	1.27
Egypt	597	701	0.34	1.68	7.4	7.4	-1.33	0.26
SUB-SAHARAN AFRICA	285	428	1.63	3.24	0.3	0.4	-1.10	0.58
LATIN AMERICA and CARIBBEAN	2 130	2 833	4.92	2.81	3.5	4.2	3.71	1.83
Argentina	508	701	4.66	3.24	12.4	15.6	3.75	2.45
Brazil	729	869	5.61	1.92	3.7	4.0	4.63	1.21
Chile	94	149	6.14	3.84	5.4	7.8	5.14	3.05
Mexico	266	319	3.09	1.49	2.2	2.4	1.81	0.46
Uruguay	62	117	11.71	5.59	18.4	33.2	11.39	5.27
ASIA and PACIFIC	1 504	2 185	2.35	3.64	0.4	0.5	1.21	2.74
Bangladesh	1	2	1.72	2.95	0.0	0.0	0.59	1.84
China ³	302	470	1.28	4.30	0.2	0.3	0.65	3.89
India	1	0	-29.27	5.22	0.0	0.0	-30.20	4.12
Indonesia	19	36	9.28	5.94	0.1	0.1	7.80	4.87
Iran, Islamic Republic of	224	257	-1.35	1.69	2.9	3.0	-2.55	0.59
Korea	105	130	5.79	1.52	2.1	2.5	5.18	1.13
Malaysia	13	27	9.13	6.29	0.5	0.8	7.23	4.85
Pakistan	1	3	8.01	5.47	0.0	0.0	6.09	3.87
Saudi Arabia	151	250	7.31	4.43	5.3	7.4	5.20	2.89
Turkey	142	178	1.24	2.58	1.9	2.1	-0.10	1.59
LEAST DEVELOPED COUNTRIES (LDC)	408	618	2.99	3.55	0.5	0.6	0.68	1.32
OECD⁴	15 655	17 774	1.28	1.19	12.1	13.0	0.62	0.71
BRICS	1 942	2 427	3.81	2.06	0.6	0.7	2.87	1.39

Note: Calendar year: Year ending 30 June for Australia and 31 May for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Least-squares growth rate (see glossary).
2. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
3. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
4. Excludes Iceland but includes all EU28 member countries.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933102183>

Table A.30.1. Skim milk powder projections: Production and trade

Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2011-13 ^{est}	2023	2004-13	2014-23	Average 2011-13 ^{est}	2023	2004-13	2014-23	Average 2011-13 ^{est}	2023	2004-13	2014-23
WORLD	3 759	4 633	2.29	1.89	1 808	2 401	5.54	2.49	1 804	2 418	6.24	2.47
DEVELOPED COUNTRIES	3 279	4 093	2.35	1.91	138	206	0.84	1.74	1 617	2 219	6.28	2.76
NORTH AMERICA	1 023	1 511	4.37	3.28	3	3	-4.37	0.00	477	829	8.99	4.24
Canada	82	81	0.49	-0.78	3	3	-0.72	0.00	11	9	-0.83	-3.52
United States	941	1 430	4.78	3.57	0	0	..	..	465	821	9.39	4.36
EUROPE	1 353	1 545	1.22	1.00	53	91	-2.33	1.31	591	732	8.86	2.32
European Union	1 097	1 243	2.09	0.95	2	3	-28.03	-1.28	481	624	14.23	2.80
Russian Federation	50	64	-8.97	3.69	43	71	0.54	1.19	1	1	-13.07	0.00
Ukraine	118	128	0.10	0.71	3	2	83.80	1.76	22	13	-15.98	-4.10
OCEANIA DEVELOPED	735	875	3.49	1.69	8	8	13.65	0.17	542	649	2.64	1.65
Australia	226	256	2.38	1.47	4	4	3.18	0.35	148	177	-0.37	1.95
New Zealand	509	619	4.02	1.78	4	4	..	0.00	394	473	3.96	1.53
OTHER DEVELOPED ¹	167	161	-2.95	0.41	74	104	3.07	2.32	8	9	-0.76	-1.22
Japan	138	132	-3.68	0.43	30	35	-1.88	-0.71	0	0	..	..
South Africa	15	13	0.73	-0.56	7	13	7.15	3.27	6	7	21.52	-1.51
DEVELOPING COUNTRIES	480	540	1.90	1.77	1 670	2 195	6.03	2.56	187	199	5.68	-0.35
AFRICA	4	4	0.38	0.00	283	390	5.63	3.24	6	2	12.47	-3.01
NORTH AFRICA	0	0	0.00	-17.02	205	255	6.34	2.50	1	1	11.26	-2.91
Algeria	0	0	0.00	-15.18	122	149	5.20	2.40	0	0	-3.70	-2.34
Egypt	0	0	0.00	-20.49	68	88	19.94	3.00	1	1	17.58	-2.92
SUB-SAHARAN AFRICA	4	4	0.38	0.13	79	135	4.46	4.82	4	1	12.78	-3.06
LATIN AMERICA and CARIBBEAN	258	297	3.06	1.16	328	404	5.91	2.48	47	37	4.57	-1.42
Argentina	36	36	2.11	-0.11	0	0	..	..	17	16	0.93	-0.19
Brazil	140	174	2.90	1.77	24	25	42.76	-1.12	0	1	-54.35	-3.11
Chile	14	18	4.68	2.50	16	22	17.18	4.50	3	1	34.61	-4.31
Mexico	33	35	0.55	0.47	227	287	5.53	2.83	1	0	16.67	-13.86
Uruguay	24	19	7.72	-1.90	0	1	79.46	2.12	23	17	9.45	-2.08
ASIA and PACIFIC	218	240	0.73	2.62	1 059	1 402	6.22	2.40	135	161	5.86	-0.04
Bangladesh	0	0	0.00	-10.33	27	42	1.76	4.15	0	0	-18.11	-3.98
China ²	57	53	82.49	2.07	169	315	18.36	3.80	0	1	-23.55	0.00
India	142	176	-0.78	3.00	16	3	72.53	-1.12	51	90	-2.38	1.13
Indonesia	0	0	0.00	31.64	138	197	6.89	3.00	1	1	-10.03	-2.91
Iran, Islamic Republic of	0	0	0.00	-10.98	17	24	8.54	2.70	6	6	78.60	-2.62
Korea	13	6	-13.20	2.40	23	24	20.42	2.75	0	0	1.09	0.00
Malaysia	0	0	0.00	-3.82	101	127	7.51	1.39	16	18	7.76	-1.37
Pakistan	0	0	0.00	-3.87	32	42	30.67	3.42	0	0	-8.51	-3.31
Saudi Arabia	0	0	0.00	7.86	72	75	2.60	0.79	25	25	27.59	-0.78
Turkey	0	0	0.00	0.50	1	2	-40.10	0.39	3	1	50.68	-0.39
LEAST DEVELOPED COUNTRIES (LDC)	0	0	0.00	-8.51	88	124	5.19	3.16	5	2	25.29	-2.77
OECD³	3 091	3 856	2.68	1.94	314	392	3.79	2.49	1 517	2 121	7.18	2.91
BRICS	404	480	-0.17	2.41	259	428	14.24	2.90	58	99	-1.20	0.85

.. Not available

Note: Calendar year: Year ending 30 June for Australia and 31 May for New Zealand.

Average 2011-13^{est}: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933102202>

Table A.30.2. Skim milk powder projections: Consumption, per capita

Calendar year

	CONSUMPTION (kt)		Growth (%) ¹		PER CAPITA (kg)		Growth (%) ¹	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	3 800	4 616	1.52	1.77	0.5	0.6	1.43	0.85
DEVELOPED COUNTRIES	1 880	2 080	-0.81	1.07	1.2	1.3	0.48	0.95
NORTH AMERICA	550	687	0.10	2.17	1.5	1.7	-0.46	1.58
Canada	74	76	1.72	-0.30	1.1	0.9	-2.36	-0.82
United States	476	611	0.24	2.53	1.5	1.8	0.01	1.74
EUROPE	905	905	-2.48	0.12	1.0	1.1	0.54	0.26
European Union	688	622	-3.00	-0.57	1.0	1.0	1.05	-0.65
Russian Federation	92	134	-5.01	2.31	0.6	1.0	-4.93	2.64
Ukraine	97	117	4.83	1.46	2.1	2.8	5.36	2.16
OCEANIA DEVELOPED	192	232	15.35	1.77	7.0	7.4	13.57	0.59
Australia	73	83	11.24	0.47	3.2	3.2	9.43	-0.74
New Zealand	119	149	18.75	2.56	26.8	30.1	17.46	1.63
OTHER DEVELOPED ²	232	256	-2.08	1.24	0.8	0.8	-2.64	0.98
Japan	172	167	-3.87	0.21	1.2	1.1	-4.11	0.44
South Africa	16	20	-1.36	2.32	0.3	0.4	-2.51	1.72
DEVELOPING COUNTRIES	1 920	2 536	4.40	2.37	0.3	0.4	3.01	1.18
AFRICA	271	391	4.63	3.25	0.3	0.3	2.03	0.79
NORTH AFRICA	189	254	4.98	2.52	1.1	1.3	3.38	1.17
Algeria	115	149	3.44	2.39	3.0	3.3	1.61	0.92
Egypt	57	88	14.32	3.08	0.7	0.9	12.42	1.63
SUB-SAHARAN AFRICA	82	137	3.86	4.77	0.1	0.1	1.07	2.07
LATIN AMERICA and CARIBBEAN	533	664	4.14	2.05	0.8	0.9	3.04	1.11
Argentina	19	20	2.74	-1.67	0.5	0.4	1.84	-2.42
Brazil	164	198	5.15	1.36	0.6	0.6	4.98	0.54
Chile	24	38	5.72	3.95	1.4	2.0	4.72	3.15
Mexico	258	322	4.76	2.54	2.1	2.4	3.47	1.50
Uruguay	3	2	-2.04	0.48	0.8	0.7	-2.33	0.18
ASIA and PACIFIC	1 116	1 481	4.47	2.30	0.3	0.3	3.31	1.40
Bangladesh	27	42	3.49	4.15	0.2	0.2	2.34	3.03
China ³	226	368	15.47	3.54	0.2	0.3	14.75	3.13
India	109	90	-2.73	-1.54	0.1	0.1	-4.01	-2.57
Indonesia	133	196	6.93	3.03	0.5	0.7	5.49	1.99
Iran, Islamic Republic of	10	19	7.92	5.07	0.1	0.2	6.61	3.93
Korea	37	30	0.99	2.68	0.8	0.6	0.41	2.28
Malaysia	84	109	5.12	1.92	2.9	3.2	3.28	0.54
Pakistan	26	42	26.59	3.43	0.1	0.2	24.34	1.87
Saudi Arabia	40	50	1.68	1.65	1.4	1.5	-0.32	0.15
Turkey	2	1	-18.72	1.36	0.0	0.0	-19.80	0.38
LEAST DEVELOPED COUNTRIES (LDC)	84	123	3.24	3.25	0.1	0.1	0.93	1.03
OECD⁴	1 953	2 127	-0.25	1.15	1.3	1.4	0.96	0.86
BRICS	606	810	3.28	2.08	0.2	0.2	2.36	1.43

Note: Calendar year: Year ending 30 June for Australia and 31 May for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Least-squares growth rate (see glossary).
2. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
3. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
4. Excludes Iceland but includes all EU28 member countries.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933102221>

Table A.31.1. Whole milk powder projections: Production and trade

Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	4 705	6 022	2.88	2.24	2 210	2 762	4.02	1.66	2 204	2 743	3.16	1.67
DEVELOPED COUNTRIES	2 129	2 579	2.42	1.65	53	69	-7.28	2.78	1 653	2 087	4.05	1.88
NORTH AMERICA	38	40	2.19	0.85	11	12	-15.37	0.00	11	16	0.42	2.47
Canada	11	10	-6.33	-0.60	4	4	-23.50	0.00	1	1	6.17	0.00
United States	27	31	8.16	1.36	7	8	-2.03	0.00	10	15	0.64	2.58
EUROPE	793	796	-2.28	0.44	15	19	-11.03	1.19	420	398	-2.87	0.12
European Union	667	638	-1.99	0.05	3	3	-1.82	-1.28	381	348	-2.77	0.01
Russian Federation	55	80	-6.04	4.29	8	11	-15.95	1.12	1	0	..	..
Ukraine	11	12	-8.82	0.92	1	1	97.57	2.21	1	1	-31.37	-2.14
OCEANIA DEVELOPED	1 255	1 702	6.85	2.37	10	15	3.85	4.65	1 219	1 671	7.89	2.35
Australia	134	138	-4.36	2.25	10	14	2.58	5.02	99	110	-1.61	1.99
New Zealand	1 122	1 564	9.11	2.38	1	1	..	0.00	1 120	1 561	9.17	2.38
OTHER DEVELOPED ¹	43	41	-0.45	-0.78	17	23	2.74	4.85	3	2	1.50	-3.96
Japan	12	12	-2.51	1.56	0	0	..	..	0	0	..	..
South Africa	15	14	-0.52	-0.23	2	5	-1.75	4.13	3	2	2.09	-3.96
DEVELOPING COUNTRIES	2 576	3 442	3.30	2.70	2 157	2 692	4.49	1.63	551	656	0.85	1.04
AFRICA	8	7	1.34	-1.24	483	628	1.52	2.48	17	10	8.37	-2.64
NORTH AFRICA	0	0	0.00	-5.82	240	285	3.11	1.76	2	2	40.61	-3.46
Algeria	0	0	0.00	-6.12	181	202	0.62	1.19	0	0	-0.79	-1.17
Egypt	0	0	0.00	-12.07	44	61	23.16	3.59	2	2	78.37	-3.46
SUB-SAHARAN AFRICA	8	7	1.34	-1.23	243	343	0.14	3.13	15	8	6.93	-2.45
LATIN AMERICA and CARIBBEAN	1 339	1 624	3.15	1.37	404	421	1.61	1.04	296	374	1.34	1.03
Argentina	283	339	1.52	0.81	2	0	-8.49	..	206	293	2.10	1.70
Brazil	532	651	2.39	1.60	67	55	13.23	0.13	1	1	-43.43	4.15
Chile	84	101	3.49	1.16	12	14	14.33	-0.95	15	22	10.56	0.96
Mexico	277	337	6.91	1.63	36	18	-10.57	-4.99	11	11	34.48	-0.25
Uruguay	59	56	7.80	-0.82	0	0	-16.58	0.42	37	25	1.75	-4.20
ASIA and PACIFIC	1 229	1 811	3.50	4.08	1 270	1 644	6.87	1.48	238	272	0.06	1.23
Bangladesh	0	0	0.00	-7.87	34	52	7.53	4.02	0	0	-14.69	-3.86
China ²	1 155	1 677	2.98	4.04	428	616	30.04	0.56	7	4	-15.16	3.11
India	0	30	-59.00	21.95	2	0	26.78	-20.16	1	28	-32.48	25.25
Indonesia	70	99	203.64	2.40	59	77	-3.53	3.35	8	5	-12.35	-3.25
Iran, Islamic Republic of	1	0	-1.08	-3.09	5	7	0.72	1.67	2	1	79.99	-1.65
Korea	3	5	-3.73	2.02	3	2	4.05	2.56	0	0	-14.64	0.00
Malaysia	0	0	0.00	-4.46	27	20	-12.96	-0.72	13	16	-5.85	0.73
Pakistan	0	0	0.00	-6.33	7	9	21.39	1.01	4	5	49.25	-1.00
Saudi Arabia	0	0	0.00	2.73	106	139	7.44	3.72	16	8	-5.35	-3.58
Turkey	0	0	0.00	-1.06	0	1	-51.66	0.41	1	0	9.38	-0.41
LEAST DEVELOPED COUNTRIES (LDC)	0	0	0.02	-7.18	185	244	0.07	2.28	10	5	12.24	-1.29
OECD³	2 357	2 852	3.34	1.63	80	67	-8.09	-0.99	1 640	2 070	4.45	1.88
BRICS	1 756	2 453	2.28	3.41	508	687	21.87	0.55	12	34	-20.46	15.09

.. Not available

Note: Calendar year: Year ending 30 June for Australia and 31 May for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933102240>

Table A.31.2. Whole milk powder projections: Consumption, per capita

Calendar year

	CONSUMPTION (kt)		Growth (%) ¹		PER CAPITA (kg)		Growth (%) ¹	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	4 717	6 040	3.37	2.23	0.7	0.8	2.15	1.20
DEVELOPED COUNTRIES	527	562	-2.76	0.99	0.4	0.4	-3.22	0.69
NORTH AMERICA	38	36	-5.68	-0.05	0.1	0.1	-6.54	-0.83
Canada	14	13	-14.23	-0.43	0.4	0.3	-15.17	-1.34
United States	24	23	6.08	0.17	0.1	0.1	5.14	-0.60
EUROPE	386	417	-2.22	0.78	0.5	0.6	-2.39	0.79
European Union	289	293	-0.76	0.08	0.6	0.6	-1.08	-0.06
Russian Federation	62	92	-7.75	3.84	0.4	0.7	-7.67	4.18
Ukraine	8	12	5.98	1.38	0.2	0.3	6.51	2.08
OCEANIA DEVELOPED	47	46	-7.80	3.71	1.7	1.5	-9.22	2.51
Australia	44	43	-8.07	3.86	1.9	1.6	-9.57	2.61
New Zealand	3	4	-3.44	2.12	0.6	0.7	-4.49	1.20
OTHER DEVELOPED ²	56	62	1.56	1.21	0.2	0.2	0.91	0.83
Japan	12	12	-2.48	1.56	0.1	0.1	-2.51	1.81
South Africa	15	17	4.07	1.36	0.3	0.3	2.86	0.76
DEVELOPING COUNTRIES	4 189	5 479	4.38	2.37	0.7	0.8	2.96	1.16
AFRICA	486	625	3.24	2.53	0.5	0.5	0.67	0.09
NORTH AFRICA	232	283	4.37	1.80	1.4	1.4	2.78	0.46
Algeria	180	202	2.59	1.19	4.7	4.4	0.78	-0.27
Egypt	35	59	16.72	3.89	0.4	0.6	14.78	2.44
SUB-SAHARAN AFRICA	254	343	2.27	3.18	0.3	0.3	-0.47	0.52
LATIN AMERICA and CARIBBEAN	1 461	1 670	2.85	1.36	2.4	2.5	1.67	0.40
Argentina	78	47	0.48	-3.59	1.9	1.0	-0.40	-4.33
Brazil	598	705	3.81	1.48	3.0	3.3	2.84	0.78
Chile	80	93	2.49	0.86	4.6	4.9	1.52	0.09
Mexico	302	344	2.53	1.21	2.5	2.5	1.26	0.18
Uruguay	21	31	19.35	3.10	6.2	9.0	19.00	2.79
ASIA and PACIFIC	2 243	3 183	5.75	2.90	0.6	0.7	4.57	2.01
Bangladesh	33	52	6.02	4.02	0.2	0.3	4.84	2.90
China ³	1 576	2 289	6.95	2.99	1.1	1.6	6.29	2.58
India	1	2	6.47	5.17	0.0	0.0	5.07	4.07
Indonesia	119	171	11.26	3.03	0.5	0.6	9.76	1.98
Iran, Islamic Republic of	5	6	4.54	2.05	0.1	0.1	3.27	0.94
Korea	6	7	-0.78	2.20	0.1	0.1	-1.35	1.80
Malaysia	10	4	-17.58	-5.04	0.4	0.1	-19.02	-6.33
Pakistan	3	5	0.36	3.55	0.0	0.0	-1.43	1.99
Saudi Arabia	78	131	9.21	4.38	2.8	3.9	7.06	2.85
Turkey	1	0	-44.61	1.23	0.0	0.0	-45.35	0.25
LEAST DEVELOPED COUNTRIES (LDC)	193	238	2.85	2.38	0.2	0.2	0.55	0.17
OECD⁴	796	849	-0.24	0.82	0.6	0.6	-0.90	0.34
BRICS	2 253	3 106	5.33	2.64	0.7	1.0	4.38	1.96

Note: Calendar year: Year ending 30 June for Australia and 31 May for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Least-squares growth rate (see glossary).
2. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
3. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
4. Excludes Iceland but includes all EU28 member countries.

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933102259>

Table A.32. Fresh dairy products projections: Production and consumption per capita
Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		CONSUMPTION PER CAPITA (kg)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	502 551	658 602	2.95	2.37	71.1	83.1	1.73	1.33
DEVELOPED COUNTRIES	141 291	151 291	0.32	0.59	101.7	105.2	-0.15	0.29
NORTH AMERICA	27 933	27 963	-0.30	0.03	79.3	72.8	-1.21	-0.75
Canada	2 896	2 905	0.03	0.00	83.1	75.3	-1.07	-0.91
United States	25 037	25 058	-0.34	0.04	78.9	72.5	-1.23	-0.73
EUROPE	82 783	84 896	-0.23	0.20	111.5	114.2	-0.40	0.20
European Union	46 769	48 230	-0.17	0.30	92.0	93.3	-0.49	0.16
Russian Federation	18 309	18 715	0.28	0.20	127.9	135.4	0.36	0.53
Ukraine	9 321	9 668	-1.52	-0.22	204.8	229.0	-1.02	0.47
OCEANIA DEVELOPED	2 876	3 176	1.74	1.00	104.6	101.5	0.18	-0.16
Australia	2 419	2 749	2.10	1.21	105.0	104.4	0.44	-0.01
New Zealand	456	427	0.00	-0.21	102.3	86.5	-1.08	-1.12
OTHER DEVELOPED ¹	27 700	35 256	2.75	2.11	103.6	126.3	2.09	1.73
Japan	4 317	4 323	-2.18	-0.32	33.9	34.8	-2.21	-0.07
South Africa	2 986	3 433	2.65	1.27	57.0	61.2	1.45	0.67
DEVELOPING COUNTRIES	361 259	507 311	4.15	2.96	63.6	78.2	2.73	1.75
AFRICA	35 445	51 393	2.69	3.25	34.7	38.5	0.14	0.79
NORTH AFRICA	9 655	12 980	7.12	2.07	57.2	66.1	5.49	0.72
Algeria	3 634	5 197	8.31	2.05	94.4	114.2	6.40	0.59
Egypt	2 997	3 546	8.97	1.31	37.1	37.5	7.16	-0.11
SUB-SAHARAN AFRICA	25 790	38 413	1.39	3.68	30.3	33.8	-1.33	1.01
LATIN AMERICA and CARIBBEAN	46 611	58 117	3.49	1.69	76.5	85.5	2.31	0.72
Argentina	1 835	2 104	2.10	1.14	44.4	46.8	1.19	0.38
Brazil	14 984	17 352	4.87	1.27	75.5	80.7	3.90	0.55
Chile	1 276	1 399	0.07	1.49	73.1	73.5	-0.87	0.72
Mexico	5 330	6 753	3.13	2.34	44.1	49.7	1.85	1.30
Uruguay	962	1 550	3.49	2.75	283.3	441.1	3.19	2.44
ASIA and PACIFIC	279 203	397 802	4.46	3.13	68.9	88.9	3.30	2.23
Bangladesh	3 012	4 240	3.99	3.31	19.5	24.3	2.84	2.20
China ²	30 042	37 608	3.72	2.22	21.8	26.0	3.08	1.82
India	157 503	238 524	5.17	3.72	127.3	171.2	3.79	2.64
Indonesia	1 069	1 496	2.94	2.52	4.3	5.4	1.55	1.48
Iran, Islamic Republic of	2 861	3 503	6.41	1.14	37.4	40.5	5.12	0.04
Korea	1 352	1 359	-0.04	0.04	27.6	26.5	-0.62	-0.35
Malaysia	100	118	6.22	1.39	3.4	3.5	4.36	0.01
Pakistan	57 565	76 596	3.32	2.53	321.3	360.8	1.48	0.98
Saudi Arabia	618	1 008	-5.24	2.05	21.7	30.1	-7.10	0.56
Turkey	14 127	18 829	6.44	1.42	187.8	224.4	5.03	0.44
LEAST DEVELOPED COUNTRIES (LDC)	28 291	42 955	1.65	3.80	32.6	38.9	-0.62	1.57
OECD³	105 305	113 532	0.66	0.53	81.1	82.9	0.01	0.06
BRICS	223 824	315 632	4.43	3.12	74.4	97.2	3.49	2.44

Note: Calendar year: Year ending 30 June for Australia and 31 May for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.

StatLink  <http://dx.doi.org/10.1787/888933102278>

Table A.33. Milk projections: Production, inventories, yield

Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		INVENTORIES ('000 hd)		Growth (%) ⁴		YIELD (T/head)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	748 665	928 175	2.18	1.87	636 538	740 713	1.59	1.28	1.18	1.25	0.57	0.58
DEVELOPED COUNTRIES	371 884	411 620	0.90	0.80	77 783	78 539	-0.13	-0.04	4.78	5.24	1.03	0.84
NORTH AMERICA	98 824	112 193	1.61	0.91	10 154	10 138	0.10	-0.11	9.73	11.07	1.51	1.02
Canada	8 722	9 355	0.74	0.56	962	954	-0.82	0.05	9.07	9.80	1.57	0.51
United States	90 102	102 837	1.70	0.94	9 193	9 184	0.20	-0.12	9.80	11.20	1.49	1.07
EUROPE	212 280	223 518	0.23	0.40	43 490	38 056	-1.41	-1.39	4.88	5.87	1.66	1.81
European Union	152 264	160 524	0.37	0.45	23 127	19 708	-0.95	-1.76	6.44	7.99	1.25	2.29
Russian Federation	31 660	33 497	0.07	0.42	8 961	8 170	-1.23	-0.80	3.53	4.10	1.31	1.23
Ukraine	11 379	12 011	-2.36	0.03	3 669	3 342	-3.68	-1.28	3.10	3.59	1.37	1.33
OCEANIA DEVELOPED	28 808	36 538	2.32	1.95	6 492	7 454	1.19	0.99	4.44	4.90	1.13	0.95
Australia	9 575	11 711	-1.13	2.02	1 656	1 785	-2.30	0.56	5.78	6.56	1.20	1.45
New Zealand	19 232	24 827	4.48	1.92	4 835	5 670	2.65	1.12	3.98	4.38	1.79	0.78
OTHER DEVELOPED ¹	31 972	39 372	2.20	1.86	17 647	22 890	2.98	2.33	1.81	1.72	-0.76	-0.46
Japan	7 542	7 467	-1.23	-0.10	926	883	-1.65	-0.37	8.14	8.46	0.43	0.27
South Africa	3 330	3 784	2.26	1.17	1 035	1 079	3.95	0.21	3.22	3.51	-1.63	0.96
DEVELOPING COUNTRIES	376 781	516 555	3.58	2.81	573 936	688 631	2.05	1.56	0.66	0.75	1.50	1.23
AFRICA	39 088	55 493	2.46	3.06	211 245	266 331	1.91	1.97	0.19	0.21	0.54	1.06
NORTH AFRICA	12 843	16 530	4.55	1.84	48 937	66 491	6.60	1.97	0.26	0.25	-1.93	-0.13
Algeria	3 166	4 525	8.17	2.04	18 316	23 324	7.93	0.29	0.17	0.19	0.22	1.74
Egypt	5 843	6 608	2.58	0.94	6 642	6 223	0.61	-0.54	0.88	1.06	1.96	1.48
SUB-SAHARAN AFRICA	26 245	38 963	1.55	3.62	162 308	199 840	0.79	1.98	0.16	0.19	0.76	1.61
LATIN AMERICA and CARIBBEAN	80 382	97 984	2.34	1.69	49 466	54 971	1.69	0.85	1.62	1.78	0.64	0.84
Argentina	11 638	15 899	2.86	2.61	2 352	2 549	1.47	0.87	4.95	6.24	1.37	1.72
Brazil	28 475	32 660	1.85	1.53	24 158	27 812	2.40	1.31	1.18	1.17	-0.54	0.22
Chile	2 692	3 077	2.02	1.45	1 323	993	-4.06	-1.96	2.04	3.10	6.33	3.47
Mexico	11 160	11 872	1.19	0.54	2 389	2 472	1.00	0.32	4.67	4.80	0.19	0.22
Uruguay	2 226	2 857	4.85	1.61	790	885	0.69	0.14	2.81	3.23	4.14	1.47
ASIA and PACIFIC	257 311	363 078	4.18	3.09	313 226	367 329	2.19	1.38	0.82	0.99	1.94	1.69
Bangladesh	3 455	4 885	4.10	3.30	36 736	42 560	4.95	1.19	0.09	0.11	-0.81	2.09
China ²	40 382	52 085	3.50	2.65	11 847	13 379	1.57	1.37	3.12	3.60	2.25	1.37
India	133 818	202 201	4.87	3.73	117 890	142 741	2.51	1.69	1.13	1.42	2.30	2.00
Indonesia	1 396	1 960	7.11	2.47	11 906	14 089	3.94	0.96	0.12	0.14	3.06	1.50
Iran, Islamic Republic of	7 640	8 664	0.99	1.13	21 275	18 715	-3.21	-0.85	0.36	0.46	4.34	1.99
Korea	1 912	2 115	-2.00	0.89	227	246	-2.52	0.34	8.42	8.61	0.53	0.54
Malaysia	77	90	6.34	1.38	158	168	6.17	0.38	0.48	0.54	0.16	1.00
Pakistan	37 879	50 343	3.51	2.53	29 088	34 554	2.64	1.50	1.30	1.46	0.85	1.01
Saudi Arabia	2 013	2 692	7.19	2.65	4 070	3 659	-3.11	-0.29	0.50	0.74	10.63	2.94
Turkey	16 964	22 460	5.93	1.52	21 282	23 805	3.50	0.16	0.80	0.94	2.35	1.36
LEAST DEVELOPED COUNTRIES (LDC)	29 321	44 216	1.72	3.72	210 103	264 912	1.93	2.11	0.14	0.17	-0.20	1.58
OECD³	327 214	363 435	1.14	0.79	67 082	66 798	0.65	-0.44	4.88	5.44	0.49	1.24
BRICS	237 664	324 227	3.47	2.89	163 892	193 182	2.19	1.48	1.45	1.68	1.25	1.39

Note: Calendar year: Year ending 30 June for Australia and 31 May for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933102297>

Table A.34. Whey powder and casein projections

Calendar year

		Average 2011-13est.	2023	Growth (%) ²	
				2004-13	2014-23
AUSTRALIA					
Net trade, whey	kt pw	85.4	76.1	1.30	-1.06
Exports, casein	kt pw	4.4	5.6	-13.88	3.37
CANADA					
Net trade, whey	kt pw	21.0	22.7	25.58	0.56
EUROPEAN UNION					
Whey powder					
Production	kt pw	1 831.9	2 145.7	1.95	1.24
Consumption	kt pw	1 358.3	1 454.9	0.75	0.48
Net trade	kt pw	473.6	690.8	6.27	3.05
Casein					
Production	kt pw	131.8	156.5	-2.13	1.62
Consumption	kt pw	84.1	85.0	-4.45	-0.04
Net trade	kt pw	47.7	71.5	4.41	4.01
JAPAN					
Net trade, whey	kt pw	-51.6	-81.4	0.43	4.92
Casein imports	kt pw	13.6	13.3	-3.67	-0.02
KOREA					
Net trade, whey	kt pw	-27.5	-29.7	-4.12	1.94
MEXICO					
Net trade, whey	kt pw	-30.0	-26.6	-4.43	-1.07
NEW ZEALAND					
Net trade, whey	kt pw	7.5	11.7	17.28	3.78
Exports, casein	kt pw	150.5	200.5	-0.28	2.58
UNITED STATES					
Whey					
Production	kt pw	485.4	513.7	0.06	0.57
Consumption	kt pw	282.5	205.0	0.09	-2.74
Exports	kt pw	203.8	308.7	0.53	3.56
Imports, casein	kt pw	111.6	150.7	0.06	2.22
ARGENTINA					
Net trade, whey	kt pw	62.0	129.0	30.25	5.41
BRAZIL					
Net trade, whey	kt pw	-21.3	-32.1	-3.22	4.00
CHINA¹					
Net trade, whey	kt pw	-373.6	-641.8	10.84	4.49
RUSSIAN FEDERATION					
Net trade, whey	kt pw	-55.7	-70.5	2.65	2.18

Note: Calendar year: Year ending 30 June for Australia and 31 May for New Zealand.

Average 2011-13est: Data for 2013 are estimated.

1. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
2. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933102316>

Table A.35. Main policy assumptions for dairy markets

Calendar year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
CANADA												
Milk target price ¹	CADc/litre	73.9	76.8	78.1	79.3	80.7	81.9	83.2	84.4	85.6	86.7	87.9
Butter support price	CAD/t	7 293.4	7 470.9	7 552.3	7 627.8	7 704.1	7 781.2	7 859.0	7 937.6	8 016.9	8 097.1	8 178.1
SMP support price	CAD/t	6 381.7	6 489.0	6 831.8	6 892.3	7 069.8	7 241.3	7 423.1	7 613.7	7 784.3	7 931.7	8 064.0
Cheese tariff-quota	kt pw	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
In-quota tariff	%	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Out-of-quota tariff	%	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6
Subsidised export limits (WTO)												
Cheese	kt pw	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
SMP	kt pw	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
EUROPEAN UNION²												
Milk quota	kt pw	149 203	150 446	0	0	0	0	0	0	0	0	0
Butter reference price ³	EUR/t	2 463.9	2 463.9	2 463.9	2 463.9	2 463.9	2 463.9	2 463.9	2 463.9	2 463.9	2 463.9	2 463.9
SMP reference price	EUR/t	1 698.0	1 698.0	1 698.0	1 698.0	1 698.0	1 698.0	1 698.0	1 698.0	1 698.0	1 698.0	1 698.0
Butter tariff-quotas	kt pw	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
Cheese tariff-quotas	kt pw	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0
SMP tariff-quota	kt pw	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
Subsidised export limits (WTO)												
Butter	kt pw	411.6	411.6	411.6	411.6	411.6	411.6	411.6	411.6	411.6	411.6	411.6
Cheese	kt pw	331.7	331.7	331.7	331.7	331.7	331.7	331.7	331.7	331.7	331.7	331.7
SMP	kt pw	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4
JAPAN												
Direct payments	JPY/kg	12.2	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
Cheese tariff ⁴	%	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
Tariff-quotas												
Butter	kt pw	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
In-quota tariff	%	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
Out-of-quota tariff	%	732.6	732.6	732.6	732.6	732.6	732.6	732.6	732.6	732.6	732.6	732.6
SMP	kt pw	115.7	115.7	115.7	115.7	115.7	115.7	115.7	115.7	115.7	115.7	115.7
In-quota tariff	%	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
Out-of-quota tariff	%	210.4	210.4	210.4	210.4	210.4	210.4	210.4	210.4	210.4	210.4	210.4
WMP	kt pw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
In-quota tariff	%	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
Out-of-quota tariff	%	316.2	316.2	316.2	316.2	316.2	316.2	316.2	316.2	316.2	316.2	316.2
KOREA												
Tariff-quotas												
Butter	kt pw	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
In-quota tariff	%	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Out-of-quota tariff	%	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
SMP	kt pw	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
In-quota tariff	%	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Out-of-quota tariff	%	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0
WMP	kt pw	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
In-quota tariff	%	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Out-of-quota tariff	%	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0

Table A.35. Main policy assumptions for dairy markets (cont.)

Calendar year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
MEXICO												
Butter tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tariff-quotas												
Cheese	kt pw	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
In-quota tariff	%	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
Out-of-quota tariff	%	116.7	75.0	60.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
SMP	kt pw	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
In-quota tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Out-of-quota tariff	%	83.7	60.0	60.0	50.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
Liconsa social program	Mn MXN	1 093.3	1 050.0	1 050.0	1 050.0	1 050.0	1 050.0	1 050.0	1 050.0	1 050.0	1 050.0	1 050.0
RUSSIAN FEDERATION												
Butter tariff	%	15.0	15.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cheese tariff	%	15.0	15.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
UNITED STATES												
Milk support price ¹	USDC/litre	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
Target price ⁵	USDC/litre	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
Butter support price	USD/t	2 315.0	2 315.0	2 315.0	2 315.0	2 315.0	2 315.0	2 315.0	2 315.0	2 315.0	2 315.0	2 315.0
SMP support price	USD/t	1 763.7	1 763.7	1 763.7	1 763.7	1 763.7	1 763.7	1 763.7	1 763.7	1 763.7	1 763.7	1 763.7
Butter tariff-quota	kt pw	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
In-quota tariff	%	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Out-of-quota tariff	%	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0
Cheese tariff-quota	kt pw	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
In-quota tariff	%	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
Out-of-quota tariff	%	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
Subsidised export limits (WTO)												
Butter	kt pw	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
SMP	kt pw	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
INDIA												
Milk tariff	%	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
Butter tariff	%	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Cheese tariff	%	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Whole milk powder tariff	%	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
SOUTH AFRICA												
Milk powder tariff-quota	kt pw	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
In-quota tariff	%	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Out-of-quota tariff	%	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8

Note: Average 2011-13est: Data for 2013 are estimated.

The sources for tariffs and Tariff Rate Quotas are the national questionnaire reply, UNCTAD and WTO.

- For manufacturing milk.
- Till 2014, EU farmers can be granted the Single payment scheme (SPS) or the Single area payment scheme (SAPS), which provides flat-rate payments independent from current production decisions and market developments. From 2015, it becomes the Basic payment scheme (BPS) and it shall account for 68% maximum of the national direct payment envelopes. On top of this, from 2015 onwards, new compulsory policy instruments are introduced: the Green Payment (30%) and young farmer scheme (2%).
- Buying-in when market prices go below the reference price for SMP and 90% of the reference price for butter is operable automatically for a maximum quantity of 109 000 tonnes for SMP and 50 000 tonnes for butter (before 2014, this ceiling was set at 30 000 tonnes). Above that ceiling intervention can take place only via tender.
- Excludes processed cheese.
- The counter-cyclical payment for milk is determined as a percentage difference between the target price and the Boston class I price. The difference is set at 34% in 2007 and 2008, at 45% in 2009-2012 and 34% thereafter. The target price is adjusted by 45% of the percentage difference between the National Average Dairy Feed Rations Cost and the target cost of feed rations of 16.20 USD/100kg between 2009 and 2012 and 20.94 USD/100kg thereafter.

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933102335>

Table A.36. World cotton projections

Crop year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WORLD												
Production	Mt	26.8	25.7	25.4	25.8	26.2	27.5	28.3	29.1	29.6	30.3	31.0
Area	Mha	33.1	33.6	32.9	33.3	33.8	34.9	35.8	36.3	36.8	37.1	37.8
Yield	t/ha	0.67	0.76	0.77	0.77	0.78	0.79	0.79	0.80	0.81	0.82	0.82
Consumption	Mt	23.3	25.0	26.3	27.3	27.4	28.0	28.1	29.5	29.8	30.4	30.8
Closing stocks	Mt	18.0	21.2	20.5	19.2	18.2	18.0	18.4	18.2	18.2	18.4	18.8
Price ¹	USD/t	2 005.4	1 681.9	1 641.3	1 607.1	1 744.9	1 747.0	1 803.1	1 913.7	2 000.6	2 084.1	2 131.2
DEVELOPED COUNTRIES												
Production	Mt	6.3	6.3	5.8	5.7	5.7	5.8	5.9	6.0	6.1	6.3	6.4
Consumption	Mt	1.6	1.7	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Closing stocks	Mt	2.0	2.7	3.0	3.1	3.1	3.3	3.5	3.7	3.8	3.9	4.0
DEVELOPING COUNTRIES												
Production	Mt	20.5	19.5	19.5	20.1	20.5	21.6	22.4	23.1	23.5	24.1	24.6
Consumption	Mt	21.6	23.3	24.5	25.4	25.6	26.1	26.2	27.6	27.9	28.5	28.9
Closing stocks	Mt	16.0	18.5	17.4	16.1	15.1	14.6	14.9	14.5	14.4	14.5	14.8
OECD²												
Production	Mt	5.9	5.6	5.2	5.1	5.1	5.2	5.3	5.3	5.5	5.7	5.8
Consumption	Mt	3.0	3.4	3.5	3.6	3.5	3.6	3.6	3.6	3.6	3.7	3.7
Closing stocks	Mt	2.3	3.1	3.2	3.2	3.3	3.5	3.7	3.9	4.0	4.1	4.2

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

1. Cotlook A index, Middling 1 3/32", c.f.r. far Eastern ports (August/July).
2. Excludes Iceland but includes all EU28 member countries.

Source: OECD and FAO Secretariats.


StatLink  <http://dx.doi.org/10.1787/888933102354>

Table A.37.1. Cotton projections: Production and trade

Crop year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23	Average 2011-13est	2023	2004-13	2014-23
WORLD	26 842	30 975	0.01	2.43	9 271	10 800	1.48	3.67	9 417	10 569	1.14	3.76
DEVELOPED COUNTRIES	6 276	6 390	-3.05	0.74	369	457	-14.35	1.30	5 007	4 843	-1.50	1.98
NORTH AMERICA	3 344	3 513	-5.43	0.40	4	7	-29.73	11.48	2 557	2 568	-3.25	2.27
Canada	0	0	0.00	0.00	1	5	-40.20	19.76	0	0	0.00	0.00
United States	3 344	3 513	-5.43	0.40	3	1	..	-1.12	2 557	2 568	-3.25	2.27
EUROPE	324	314	-6.06	0.22	256	231	-15.49	-1.95	294	280	-4.07	0.41
European Union	322	312	-6.09	0.22	194	196	-13.58	-1.01	293	278	-4.08	0.42
Russian Federation	1	1	0.21	0.26	57	30	-20.65	-6.15	0	0	0.00	0.00
Ukraine	1	1	0.00	0.05	1	1	0.00	-0.12	1	1	0.00	0.12
OCEANIA DEVELOPED	1 065	1 047	13.11	3.25	1	1	-30.40	0.00	1 119	1 036	12.46	2.95
Australia	1 064	1 046	13.14	3.26	0	0	-52.88	-0.19	1 118	1 035	12.49	2.96
New Zealand	1	1	0.00	0.00	1	1	0.00	0.00	1	1	0.00	0.00
OTHER DEVELOPED ¹	1 543	1 515	-2.52	0.16	108	219	-8.18	6.75	1 037	959	-4.39	0.95
Japan	0	0	0.00	0.00	72	68	-9.64	-0.92	0	0	-16.84	0.00
South Africa	9	9	-6.44	-0.40	31	146	-2.82	16.62	11	151	46.11	22.96
DEVELOPING COUNTRIES	20 544	24 586	1.13	2.92	8 894	10 343	3.08	3.78	4 426	5 726	5.39	5.53
AFRICA	1 495	2 010	-2.52	4.18	96	97	-7.05	-5.22	1 219	1 717	-2.39	3.73
NORTH AFRICA	130	88	-9.36	-1.15	91	78	-6.08	-6.33	72	11	-5.63	-16.88
Algeria	0	0	-19.20	0.06	3	2	-21.09	-4.24	0	0	0.00	0.18
Egypt	130	88	-9.36	-1.15	54	45	-8.26	-9.01	72	11	-5.62	-16.90
SUB-SAHARAN AFRICA	1 365	1 922	-1.67	4.51	5	19	-17.16	1.28	1 147	1 706	-2.16	4.25
LATIN AMERICA and CARIBBEAN	2 118	2 939	2.59	4.90	382	615	-5.73	0.48	1 063	1 542	9.91	11.91
Argentina	192	252	4.86	3.89	7	8	-20.88	-12.22	55	179	21.12	217.05
Brazil	1 590	2 344	3.10	5.56	27	269	-10.19	9.08	929	1 284	12.30	11.15
Chile	0	0	0.00	0.37	0	0	-47.42	-0.33	0	0	0.00	0.46
Mexico	226	216	5.64	2.15	234	202	-5.90	-4.24	57	50	1.98	0.64
Uruguay	1	1	0.00	0.10	1	1	0.00	-0.14	1	1	0.00	0.14
ASIA and PACIFIC	16 930	19 636	1.32	2.54	8 416	9 630	3.92	4.19	2 144	2 467	12.58	4.09
Bangladesh	23	38	8.87	3.85	707	1 300	3.44	4.14	0	0	0.00	0.01
China ²	7 133	6 371	-0.62	0.33	4 317	3 297	7.91	7.05	11	13	2.16	2.85
India	6 272	9 234	5.30	4.68	231	261	7.80	2.89	1 723	2 151	19.59	5.16
Indonesia	6	7	-0.34	0.32	629	943	3.62	4.97	2	0	22.41	0.20
Iran, Islamic Republic of	59	66	-8.75	0.54	61	67	17.58	-0.15	0	0	-48.50	0.03
Korea	0	0	0.00	0.00	278	280	1.55	0.78	0	0	20.46	0.00
Malaysia	0	0	0.00	0.08	182	188	19.66	1.76	178	173	174.45	1.94
Pakistan	2 180	2 939	-0.20	2.78	355	662	-3.21	2.45	143	74	7.13	-1.23
Saudi Arabia	1	1	0.00	0.10	1	1	0.00	-0.14	1	1	0.00	0.14
Turkey	898	677	0.79	-0.07	628	1 249	-2.44	3.58	50	41	6.96	0.89
LEAST DEVELOPED COUNTRIES (LDC)	1 170	1 668	-0.73	4.06	709	1 330	3.46	4.09	796	1 241	-3.80	4.94
OECD³	5 870	5 781	-2.43	0.85	1 416	2 007	-5.67	1.42	4 092	3 988	-0.56	2.23
BRICS	15 006	17 959	1.98	3.02	4 663	4 004	5.87	6.78	2 674	3 599	14.85	7.29

.. Not available

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

1. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
3. Excludes Iceland but includes all EU28 member countries.
4. Least-squares growth rate (see glossary).

Source: OECD and FAO Secretariats.


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Table A.37.2. Cotton projections: Consumption

Crop year

	CONSUMPTION (kt)		Growth (%) ¹	
	Average 2011-13est	2023	2004-13	2014-23
WORLD	23 251	30 837	-0.77	2.18
DEVELOPED COUNTRIES	1 625	1 912	-7.29	0.91
NORTH AMERICA	753	890	-7.29	1.21
Canada	1	5	-39.78	19.66
United States	752	885	-6.89	1.16
EUROPE	285	267	-15.49	-2.13
European Union	219	231	-14.31	-1.23
Russian Federation	61	31	-19.43	-6.73
Ukraine	1	1	0.00	-0.18
OCEANIA DEVELOPED	9	8	31.51	-0.13
Australia	8	7	133.28	-0.14
New Zealand	1	1	0.00	0.00
OTHER DEVELOPED ²	578	746	1.07	1.91
Japan	69	68	-10.05	-1.00
South Africa	19	0	-11.98	-41.87
DEVELOPING COUNTRIES	21 611	28 925	-0.08	2.27
AFRICA	275	354	-7.51	0.80
NORTH AFRICA	146	155	-8.05	-1.12
Algeria	3	2	-20.94	-3.79
Egypt	108	121	-9.42	-1.27
SUB-SAHARAN AFRICA	129	200	-6.90	2.59
LATIN AMERICA and CARIBBEAN	1 592	1 930	-2.02	0.32
Argentina	149	45	-0.11	-10.75
Brazil	900	1 282	-0.74	2.23
Chile	0	0	-41.43	-0.33
Mexico	329	370	-4.59	-2.23
Uruguay	1	1	0.00	-0.18
ASIA and PACIFIC	19 743	26 641	0.23	2.44
Bangladesh	767	1 311	4.70	4.39
China ³	8 322	9 742	-1.51	1.38
India	4 733	7 201	4.33	4.08
Indonesia	514	940	1.10	3.94
Iran, Islamic Republic of	117	133	-0.68	0.15
Korea	263	280	0.72	0.27
Malaysia	15	16	-13.39	1.35
Pakistan	2 374	3 495	-0.80	2.81
Saudi Arabia	1	1	0.00	-0.18
Turkey	1 351	1 855	-1.45	1.86
LEAST DEVELOPED COUNTRIES (LDC)	1 064	1 706	5.64	3.65
OECD⁴	2 999	3 706	-5.05	0.82
BRICS	14 035	18 257	0.00	2.38

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

1. Least-squares growth rate (see glossary).
2. Includes Israel and also transition economies: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Azerbaijan and Georgia.
3. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Other Asia Pacific aggregate.
4. Excludes Iceland but includes all EU28 member countries.

Source: OECD and FAO Secretariats.

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Table A.38. Main policy assumptions for cotton markets

Crop year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
ARGENTINA												
Export tax equivalent of export barriers	%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Tariff equivalent of import barriers	%	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
BRAZIL												
Producer Minimum Price, lint cotton	BRL/t	2 973.3	2 973.3	2 973.3	2 973.3	2 973.3	2 973.3	2 973.3	2 973.3	2 973.3	2 973.3	2 974.3
Tariff equivalent of import barriers	%	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
EUROPEAN UNION												
Area for coupled payment	kha	301.7	301.7	301.7	301.7	301.7	301.7	301.7	301.7	301.7	301.7	301.7
Coupled payment per ha ¹	EUR/ha	900.0	900.0	830.0	830.0	830.0	830.0	830.0	830.0	830.0	830.0	830.0
Tariff equivalent of import barriers	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDIA												
Minimum support price	INR/t	36 166.7	38 500.0	38 500.0	40 271.1	41 452.8	43 061.4	44 677.5	46 327.2	48 169.3	51 031.4	51 031.4
Tariff equivalent of import barriers	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JAPAN												
Tariff equivalent of import barriers	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOREA												
Tariff equivalent of import barriers	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEXICO												
Tariff equivalent of import barriers	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RUSSIAN FEDERATION												
Tariff equivalent of import barriers	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
UNITED STATES												
ACRE participation rate	%	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Loan rate, upland cotton	USD/t	1 146.4	1 146.4	1 146.4	1 146.4	1 146.4	1 146.4	1 146.4	1 146.4	1 146.4	1 146.4	1 146.4
Production flexibility contract payments	USD/t	147.0	147.0	147.0	147.0	147.0	147.0	147.0	147.0	147.0	147.0	147.0
CRP area	Mha	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Economic Adjustment Assistance payment level	USD/t	73.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
TRQ	kt	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
In-quota tariff	USD/t	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
Out-of-quota tariff	USD/t	314.0	314.0	314.0	314.0	314.0	314.0	314.0	314.0	314.0	314.0	314.0
CHINA												
TRQ	kt	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0
In-quota tariff	%	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Out-of-quota tariff	%	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
TURKEY												
Tariff equivalent of import barriers	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Note: Crop year: See Glossary of Terms for definitions.

Average 2011-13est: Data for 2013 are estimated.

1. If the area is higher than the ceiling, the amount is proportionally reduced.

Source: OECD and FAO Secretariats.


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Table B.1. Information on food price changes

	Total inflation % change (year-on-year)		Food inflation % change (year-on-year) ²		Expenditure share of food		Food contribution to total change in inflation ³	
	2013	2014	2013	2014	2013	2014	2013	2014
OECD								
Australia ¹	2.5	..	0.3	..	12.8	12.8	0.0	..
Austria	2.7	1.5	3.9	2.7	12.0	12.0	0.5	0.3
Belgium	1.5	1.1	3.7	1.9	17.4	17.4	0.6	0.3
Canada	0.5	1.5	0.6	1.0	11.5	11.5	0.1	0.1
Chile	1.6	3.0	5.3	4.4	18.9	18.9	1.0	0.8
Czech Republic	1.9	0.2	5.7	3.9	17.0	17.0	1.0	0.7
Denmark	1.3	1.0	2.3	-1.0	11.5	11.5	0.3	-0.1
Estonia	3.4	1.1	5.5	2.5	21.7	21.7	1.2	0.5
Finland	1.6	1.6	5.3	3.9	13.4	13.4	0.7	0.5
France	1.2	0.7	2.0	0.1	14.7	14.7	0.3	0.0
Germany	1.7	1.3	4.0	3.2	10.4	10.4	0.4	0.3
Greece	0.2	-1.5	0.2	-0.8	17.1	17.1	0.0	-0.1
Hungary	3.8	-0.1	6.1	-0.7	19.6	19.6	1.2	-0.1
Iceland	4.2	3.1	5.3	3.6	14.9	14.9	0.8	0.5
Ireland	1.2	0.2	2.4	-1.7	11.7	11.7	0.3	-0.2
Israel	1.5	1.4	3.0	2.8	14.3	14.3	0.4	0.4
Italy	2.2	0.7	3.1	1.3	16.3	16.3	0.5	0.2
Japan	-0.3	1.4	-0.8	1.5	19.0	19.0	-0.2	0.3
Korea	1.6	1.1	2.3	-1.8	14.4	14.4	0.3	-0.3
Luxembourg	2.1	1.5	4.1	3.1	11.1	11.1	0.5	0.3
Mexico	3.3	4.5	5.4	4.9	18.9	18.9	1.0	0.9
Netherlands	3.0	1.4	3.8	0.6	11.3	11.3	0.4	0.1
New Zealand ¹	1.1	..	0.5	..	17.4	17.4	0.1	..
Norway	1.3	2.3	0.0	3.1	13.3	13.3	0.0	0.4
Poland	1.7	0.7	3.6	2.4	24.1	24.1	0.9	0.6
Portugal	0.2	0.1	2.3	0.2	18.1	18.1	0.4	0.0
Slovak Republic	2.4	0.0	5.9	0.8	18.4	18.4	1.1	0.1
Slovenia	2.4	0.9	5.2	1.6	17.0	17.0	0.9	0.3
Spain	2.7	0.2	3.2	1.2	18.2	18.2	0.6	0.2
Sweden	0.0	-0.2	2.3	0.3	13.9	13.9	0.3	0.0
Switzerland	-0.3	0.1	1.0	1.1	10.8	10.8	0.1	0.1
Turkey	7.3	7.8	6.8	10.9	26.8	26.8	1.8	2.9
United Kingdom	2.7	1.9	4.2	2.0	11.8	11.8	0.5	0.2
United States	1.6	1.6	1.1	0.5	7.8	7.8	0.1	0.0
OECD Total	1.7	1.7	2.1	1.5	..	..	..	..
Enhanced Engagement								
Brazil	6.2	5.6	11.1	7.3	22.5	22.5	2.5	1.6
China	2.0	2.5	2.9	3.7	33.6	33.6	1.0	1.2
India	11.6	7.2	11.6	7.2	35.4	35.4	3.8	1.8
Indonesia	4.6	7.8	7.3	11.0	19.6	19.6	1.4	2.2
Russian Federation	7.1	6.1	6.3	4.3	32.8	32.8	2.1	1.4
South Africa	5.5	5.8	5.9	4.9	18.3	18.3	1.1	0.9


Table B.1. Information on food price changes (cont.)

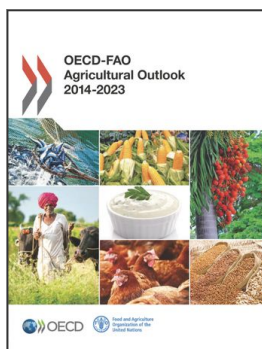
	Total inflation % change (year-on-year)		Food inflation % change (year-on-year) ²		Expenditure share of food		Food contribution to total change in inflation ³	
	2013	2014	2013	2014	2013	2014	2013	2014
Non OECD								
Algeria	8.1	2.0	9.3	1.7	43.8	43.8	4.1	0.7
Argentina	11.1	13.8	9.5	12.6	20.3	20.3	1.9	2.6
Bangladesh	7.4	7.5	1.2	10.2	28.6	28.6	0.3	2.9
Bolivia	4.9	5.9	7.1	8.7	39.3	39.3	2.8	3.4
Botswana	7.5	4.4	7.5	3.6	23.7	23.7	1.8	0.9
Bulgaria	2.6	-1.3	6.6	4.7	37.2	37.2	2.5	1.7
Colombia	2.0	2.1	1.7	1.2	34.7	34.7	0.6	0.4
Costa Rica	5.7	3.1	3.9	2.2	25.7	25.7	1.0	0.6
Dominican Republic	4.7	2.8	6.6	0.7	29.2	29.2	1.9	0.2
Ecuador	4.1	2.9	5.1	3.1	31.7	31.7	1.6	1.0
Egypt	6.3	11.3	7.8	18.5	26.3	26.3	2.1	4.9
El Salvador	0.9	0.8	1.9	1.7	38.1	38.1	0.7	0.6
Ethiopia	12.7	7.8	12.7	5.1	57.0	57.0	7.2	2.9
Ghana	10.1	13.8	8.0	7.1	37.0	37.0	3.0	2.6
Guatemala	3.9	4.2	7.0	8.9	28.6	28.6	2.0	2.5
Haiti	7.2	3.4	7.8	3.2	50.4	50.4	3.9	1.6
Honduras	5.7	6.0	4.6	6.1	31.8	31.8	1.5	1.9
Hong Kong, China	3.8	3.9	3.8	4.2	16.1	16.1	0.6	0.7
Iraq	2.7	4.0	-0.4	10.2	35.0	35.0	-0.1	3.6
Jordan	6.7	3.3	3.8	3.0	35.2	35.2	1.3	1.1
Kenya	3.7	7.2	2.4	10.1	36.0	36.0	0.9	3.7
Madagascar	5.8	6.6	6.4	3.0	60.0	60.0	3.8	1.8
Malawi	31.4	26.0	27.3	26.0	25.0	25.0	6.8	6.5
Malaysia	1.3	3.4	2.2	4.2	56.3	56.3	1.2	2.4
Moldavia	-2.0	0.4	1.7	0.5	60.0	60.0	1.0	0.3
Morocco	2.5	0.5	4.2	-0.2	40.4	40.4	1.7	-0.1
New Caledonia	1.9	0.0	2.6	-0.7	21.0	21.0	0.5	-0.1
Nicaragua	8.1	4.9	10.4	5.2	26.1	26.1	2.7	1.4
Niger	1.0	0.1	3.5	0.3	29.0	29.0	1.0	0.1
Nigeria	9.0	8.0	10.1	9.3	51.8	51.8	5.2	4.8
Pakistan	8.1	8.4	8.1	8.4	45.5	45.5	3.7	3.8
Panama	4.7	3.4	7.1	4.5	33.6	33.6	2.4	1.5
Paraguay	4.1	3.9	2.8	4.8	39.1	39.1	1.1	1.9
Peru	2.8	3.2	4.3	2.8	29.0	29.0	1.2	0.8
Philippines	3.1	4.2	2.4	5.5	39.0	39.0	0.9	2.1
Romania	6.0	1.1	7.2	-2.2	37.4	37.4	2.7	-0.8
Rwanda	5.7	3.7	8.3	4.2	48.4	48.4	4.0	2.0
Senegal	1.2	0.5	1.2	0.3	53.4	53.4	0.6	0.2
Singapore	3.6	1.4	1.0	3.0	8.5	8.5	0.1	0.3
Sri Lanka	9.8	4.4	10.8	1.3	41.0	41.0	4.4	0.5
Chinese Taipei	1.1	0.8	2.4	1.0	16.6	16.6	0.4	0.2
Tanzania	10.9	6.0	6.0	6.0	33.6	33.6	2.0	2.0
Thailand	3.4	1.9	4.3	3.6	33.0	33.0	1.4	1.2
Tunisia	6.0	5.8	8.7	7.6	33.8	33.8	2.9	2.6
Uganda	4.9	6.9	0.0	11.1	27.2	27.2	0.0	3.0
Uruguay	8.7	9.2	11.9	9.0	19.2	19.2	2.3	1.7
Zambia	7.0	7.3	7.6	5.9	52.5	52.5	4.0	3.1

.. Not available

1. No data available for January 2014 in Australia and New Zealand.
2. CPI food: definition based on national sources.
3. Contribution is food inflation multiplied by expenditure share, expressed in %.

Source: OECD and national sources (for details, see the online version of tables).

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