

ANNEX A

Table A.1. Economic assumptions

Calendar year

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
REAL GDP¹												
Australia	%	2.6	2.6	3.1	3.0	2.9	2.8	2.9	2.9	2.9	2.9	2.9
Canada	%	1.6	2.1	2.3	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Chile	%	1.9	2.0	2.7	3.0	3.2	3.4	3.4	3.4	3.4	3.4	3.4
European Union	%	1.7	1.5	1.6	1.6	1.6	1.7	1.6	1.6	1.5	1.5	1.5
Japan	%	0.4	1.0	0.8	0.7	0.1	0.6	0.1	0.1	0.1	0.1	0.1
Korea	%	2.9	2.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Mexico	%	2.3	2.3	2.4	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
New Zealand	%	3.2	3.4	2.6	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.5
Norway	%	1.4	0.5	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Switzerland	%	1.5	1.7	1.9	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Turkey	%	3.4	3.0	3.2	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5
United States	%	2.2	2.3	3.0	1.9	1.7	1.6	1.7	1.7	1.7	1.7	1.7
Algeria	%	3.8	2.9	2.6	2.8	3.1	3.4	3.4	3.4	3.4	3.4	3.4
Bangladesh	%	6.7	6.9	7.0	7.0	6.7	6.5	6.5	6.5	6.5	6.5	6.5
Brazil	%	-2.4	0.0	1.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
China	%	7.0	6.4	6.1	6.0	5.9	5.8	5.9	5.9	5.9	5.9	5.9
Egypt	%	3.4	4.0	4.8	5.5	5.8	6.0	6.0	6.0	6.0	6.0	6.0
India	%	7.5	7.6	7.7	7.8	8.0	8.1	8.1	8.1	8.1	8.1	8.1
Indonesia	%	4.9	5.3	5.5	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Iran	%	3.1	4.1	4.1	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Malaysia	%	5.1	4.6	4.7	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Pakistan	%	4.3	5.0	5.2	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Russia	%	-1.3	0.8	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Saudi Arabia	%	2.8	2.0	2.6	2.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3
South Africa	%	1.0	0.8	1.6	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Ukraine	%	-5.0	2.5	3.0	3.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Uruguay	%	1.4	1.2	3.1	3.4	3.3	3.1	3.1	3.1	3.1	3.1	3.1
OECD ^{2,3}	%	1.9	1.9	2.3	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8
PCE DEFLATOR¹												
Australia	%	1.6	1.7	2.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Canada	%	1.3	1.6	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Chile	%	4.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
European Union	%	0.3	1.5	1.6	1.9	1.9	1.9	1.8	1.9	1.8	1.8	1.8
Japan	%	0.5	0.2	0.9	1.1	1.6	1.3	1.6	1.6	1.6	1.6	1.6
Korea	%	1.0	1.7	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Mexico	%	4.0	3.6	3.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
New Zealand	%	0.7	0.7	1.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Norway	%	2.7	2.5	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Switzerland	%	-0.5	0.1	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Turkey	%	8.3	8.2	6.8	6.7	6.5	6.5	6.5	6.5	6.5	6.5	6.5
United States	%	1.0	1.7	2.2	2.5	2.4	2.3	2.4	2.4	2.4	2.4	2.4
Algeria	%	4.5	4.8	4.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Bangladesh	%	6.7	6.9	6.6	6.3	6.0	5.7	5.7	5.7	5.7	5.7	5.7
Brazil	%	8.8	7.6	6.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5
China	%	1.8	2.3	2.4	2.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Egypt	%	10.4	18.2	13.1	9.6	7.0	7.1	7.1	7.1	7.1	7.1	7.1
India	%	5.4	5.2	5.3	5.2	5.0	4.9	4.9	4.9	4.9	4.9	4.9
Indonesia	%	5.5	4.2	4.4	4.3	4.1	4.0	4.0	4.0	4.0	4.0	4.0
Iran	%	11.6	7.2	6.2	5.7	5.2	5.0	5.0	5.0	5.0	5.0	5.0
Malaysia	%	2.4	3.0	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Pakistan	%	5.3	5.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Russia	%	10.2	5.0	4.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Saudi Arabia	%	3.0	2.0	4.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
South Africa	%	5.7	6.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Ukraine	%	25.3	11.0	8.0	6.6	5.5	5.0	5.0	5.0	5.0	5.0	5.0
Uruguay	%	9.3	8.7	8.0	7.0	6.6	6.3	6.3	6.3	6.3	6.3	6.3
OECD ^{2,3}	%	1.2	1.9	2.1	2.4	2.4	2.3	2.4	2.4	2.4	2.4	2.4

ANNEX A

Table A.1. Economic assumptions (cont.)

Calendar year

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
GDP DEFLATOR¹												
Australia	%	-0.1	1.9	1.8	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Canada	%	0.6	2.0	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Chile	%	4.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
European Union	%	1.1	-0.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Japan	%	1.3	0.0	0.7	1.0	1.2	0.9	1.2	1.2	1.2	1.2	1.2
Korea	%	1.5	1.3	1.8	2.1	1.9	2.2	1.9	1.9	1.9	1.9	1.9
Mexico	%	3.7	3.3	3.2	3.2	3.5	3.6	3.5	3.5	3.5	3.5	3.5
New Zealand	%	1.4	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Norway	%	-1.2	1.7	1.6	2.5	2.5	2.2	2.5	2.5	2.5	2.5	2.5
Switzerland	%	-0.7	0.2	0.6	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Turkey	%	8.3	8.2	6.8	6.7	6.5	6.5	6.5	6.5	6.5	6.5	6.5
United States	%	1.4	1.9	2.4	2.2	2.1	2.2	2.1	2.1	2.1	2.1	2.1
Algeria	%	4.5	4.8	4.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Bangladesh	%	6.7	6.9	6.6	6.3	6.0	5.7	5.7	5.7	5.7	5.7	5.7
Brazil	%	7.8	7.1	6.1	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0
China	%	0.4	2.0	2.5	1.7	2.0	2.1	2.0	2.0	2.0	2.0	2.0
Egypt	%	10.4	18.2	13.1	9.6	7.0	7.1	7.1	7.1	7.1	7.1	7.1
India	%	5.4	5.2	5.3	5.2	5.0	4.9	4.9	4.9	4.9	4.9	4.9
Indonesia	%	5.5	4.2	4.4	4.3	4.1	4.0	4.0	4.0	4.0	4.0	4.0
Iran	%	11.6	7.2	6.2	5.7	5.2	5.0	5.0	5.0	5.0	5.0	5.0
Malaysia	%	2.4	3.0	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Pakistan	%	5.3	5.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Russia	%	7.5	6.9	6.2	4.2	4.3	4.2	4.3	4.3	4.3	4.3	4.3
Saudi Arabia	%	3.0	2.0	4.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
South Africa	%	5.7	6.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Ukraine	%	25.3	11.0	8.0	6.6	5.5	5.0	5.0	5.0	5.0	5.0	5.0
Uruguay	%	9.3	8.7	8.0	7.0	6.6	6.3	6.3	6.3	6.3	6.3	6.3
OECD ³	%	1.6	1.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3
WORLD INPUT PRICES												
Brent crude oil ⁴	USD/barrel	65.1	58.0	62.9	65.8	68.9	72.0	75.5	79.1	82.7	86.7	89.5
Fertiliser ⁵	USD/t	300.2	225.6	241.9	260.0	258.8	267.1	283.3	284.5	286.8	294.9	298.5
EXCHANGE RATES												
Australia	AUD/USD	1.26	1.31	1.31	1.31	1.31	1.32	1.33	1.33	1.33	1.33	1.33
Canada	CAD/USD	1.24	1.35	1.35	1.34	1.34	1.35	1.34	1.34	1.34	1.33	1.33
Chile	CLP/USD	642.38	706.86	713.93	721.07	728.28	735.56	741.90	748.30	754.75	761.26	767.82
European Union	EUR/USD	0.85	0.92	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88
Japan	JPY/USD	111.55	106.69	106.69	105.12	104.40	104.13	103.42	102.71	102.01	101.31	100.61
Korea	KRW/USD	1 114.28	1 164.40	1 164.40	1 167.86	1 171.65	1 183.99	1 187.83	1 191.69	1 195.56	1 199.44	1 203.33
Mexico	MXN/USD	15.94	20.66	20.66	20.74	20.86	21.00	21.12	21.24	21.37	21.49	21.61
New Zealand	NZD/USD	1.36	1.40	1.40	1.39	1.38	1.38	1.37	1.36	1.35	1.33	1.32
Algeria	DZD/USD	95.67	111.01	116.56	122.39	128.51	134.94	137.42	139.95	142.53	145.15	147.82
Bangladesh	BDT/USD	79.37	86.28	90.35	94.44	98.30	101.82	105.42	109.14	112.99	116.98	121.11
Brazil	BRL/USD	3.06	3.44	3.44	3.53	3.62	3.70	3.79	3.89	3.98	4.08	4.18
China	CNY/USD	6.36	6.81	6.81	6.68	6.55	6.45	6.32	6.18	6.05	5.93	5.80
Egypt	EGP/USD	7.45	9.29	10.27	11.01	11.53	12.09	12.68	13.30	13.95	14.63	15.35
India	INR/USD	64.47	68.65	70.44	71.93	73.55	75.20	77.28	79.41	81.61	83.86	86.18
Indonesia	'000 IDR/USD	12.88	13.53	13.79	14.18	14.46	14.42	14.69	14.95	15.23	15.51	15.79
Malaysia	MYR/USD	3.76	3.97	3.81	3.67	3.53	3.42	3.45	3.48	3.51	3.54	3.57
Pakistan	PKR/USD	102.46	107.43	110.69	113.86	117.24	120.63	124.03	127.53	131.13	134.83	138.63
Russia	RUB/USD	55.78	66.21	66.21	66.58	66.81	67.19	67.43	67.66	67.90	68.13	68.37
Saudi Arabia	SAR/USD	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.74	3.74	3.74	3.74
South Africa	ZAR/USD	12.95	15.89	16.47	17.03	17.60	18.29	18.90	19.52	20.17	20.84	21.53
Ukraine	UAH/USD	20.01	27.24	27.80	28.08	28.31	28.55	29.36	30.20	31.06	31.95	32.86
Uruguay	UYU/USD	26.87	30.70	32.31	33.68	35.04	36.42	37.92	39.49	41.13	42.83	44.60

ANNEX A

Table A.1. Economic assumptions (cont.)

Calendar year

		2016est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
POPULATION¹												
Australia	%	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1
Canada	%	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7
Chile	%	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.7
European Union	%	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Japan	%	-0.2	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	-0.4	-0.4	-0.4	-0.4
Korea	%	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2
Mexico	%	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9
New Zealand	%	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
Norway	%	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8
Switzerland	%	1.0	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6
Turkey	%	1.2	1.0	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
United States	%	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
Algeria	%	1.8	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1
Argentina	%	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8
Bangladesh	%	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9
Brazil	%	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
China	%	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1
Egypt	%	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5
India	%	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9
Indonesia	%	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8
Iran	%	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6
Malaysia	%	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.1
Pakistan	%	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6
Russia	%	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.3	-0.3	-0.3
Saudi Arabia	%	2.0	1.8	1.7	1.6	1.6	1.5	1.4	1.4	1.4	1.3	1.3
South Africa	%	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
Ukraine	%	-0.4	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.7
Uruguay	%	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
OECD ³	%	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3
World	%	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	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. 100, November 2016. For other economies, historical macroeconomic data were obtained from the IMF, World Economic Outlook, October 2016. Assumptions for the projection period draw on the recent short term update of the OECD Economics Department, projections of the IMF, and for population, projections from the United Nations World Population Prospects Database, 2015 Revision (medium variant). Data for the European Union are euro area aggregates except for population. The price index used is the private consumption expenditure deflator.

Average 2014-16est and 2016est: Data for 2016 are estimated.

1. Annual per cent change.
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 N°100 (November 2016). For 2016, the annual average monthly spot price is used, and oil prices during the projection period follow the path of the World Bank average crude oil price projected by the World Bank Commodities Price forecasts, released in October 2016.
5. World Bank. Data for 2016 are estimated, projections by OECD and FAO Secretariats.

Source: OECD/FAO (2017), "OECD-FAO Agricultural Outlook", *OECD Agriculture statistics* (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.2. World prices

Nominal price

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
CEREALS												
Wheat ¹	USD/t	207.3	200.5	202.5	208.2	215.9	225.3	232.7	238.5	243.6	246.2	248.9
Maize ²	USD/t	164.4	156.5	161.1	164.9	173.5	179.4	183.8	185.5	190.2	193.6	196.7
Other coarse grains ³	USD/t	179.4	154.6	155.6	162.3	170.2	181.1	186.8	187.8	191.9	195.3	198.3
Rice ⁴	USD/t	375.1	389.0	393.5	398.4	400.3	405.0	407.6	409.5	411.1	412.9	415.5
Distiller's dry grains ⁵	USD/t	137.8	125.5	128.1	131.5	138.7	149.6	155.9	162.7	168.5	174.0	177.3
OILSEEDS												
Soybean ⁶	USD/t	402.2	389.7	398.2	408.6	412.0	430.6	434.0	439.6	439.5	442.2	446.1
Other oilseeds ⁷	USD/t	420.0	431.3	425.0	428.3	441.7	451.4	454.4	459.0	465.8	477.3	483.2
Protein meals ⁸	USD/t	340.2	296.4	294.9	297.9	302.6	313.1	313.0	318.7	321.0	327.2	335.3
Vegetable oils ⁹	USD/t	768.3	827.7	829.2	838.2	849.9	862.2	871.8	884.2	896.6	897.4	902.0
SWEETENERS												
Raw sugar ¹⁰	USD/t	361.6	403.2	383.9	369.2	350.8	354.5	359.2	357.4	365.7	367.3	367.1
Refined sugar ¹¹	USD/t	429.9	487.7	471.4	453.4	437.6	439.3	442.9	443.6	452.2	454.1	452.6
HFCS ¹²	USD/t	651.5	609.5	538.3	524.3	511.3	516.5	523.8	523.0	535.1	542.9	543.6
Molasses ¹³	USD/t	171.8	158.4	157.2	159.7	164.2	169.0	173.2	176.6	179.5	182.2	184.6
MEAT												
Beef and veal												
Price, EU ¹⁴	USD/t dw	4 378.3	3 459.3	3 632.7	4 037.8	4 147.3	4 181.7	4 306.6	4 443.0	4 543.9	4 586.8	4 607.5
Price, United States ¹⁵	USD/t dw	5 020.1	4 084.8	4 298.6	4 327.2	4 263.6	4 251.2	4 148.4	4 090.0	3 959.1	3 936.9	3 983.9
Price, Brazil ¹⁶	USD/t dw	4 168.7	3 200.3	3 465.1	3 602.1	3 604.1	3 551.5	3 448.2	3 430.6	3 362.4	3 361.8	3 389.4
Pigmeat												
Price, EU ¹⁷	USD/t dw	1 725.9	1 656.0	1 661.8	1 771.6	1 769.5	1 772.3	1 888.4	1 939.4	1 928.2	1 832.6	1 912.8
Price, United States ¹⁸	USD/t dw	1 759.8	1 342.1	1 489.5	1 566.1	1 534.8	1 508.1	1 575.4	1 630.7	1 586.4	1 474.0	1 510.4
Price, Brazil ¹⁹	USD/t dw	2 685.0	2 008.6	2 278.9	2 438.3	2 385.5	2 348.6	2 517.9	2 566.8	2 494.3	2 408.8	2 395.8
Poultry meat												
Price, EU ²⁰	USD/t rtc	2 226.4	1 866.1	1 919.1	1 919.0	1 947.4	2 000.7	2 042.3	2 074.5	2 101.0	2 126.8	2 151.2
Price, United States ²¹	USD/t rtc	1 278.6	1 125.7	1 150.9	1 163.2	1 186.8	1 215.2	1 231.3	1 240.4	1 247.8	1 256.4	1 267.0
Price, Brazil ²²	USD/t rtc	1 705.0	1 467.6	1 522.1	1 543.6	1 581.0	1 623.3	1 646.1	1 664.9	1 677.4	1 691.4	1 708.7
Sheep meat												
Price, New Zealand ²³	USD/t dw	3 925.2	3 663.8	3 608.1	3 672.4	3 731.9	3 768.8	3 807.7	3 844.8	3 886.4	3 917.2	3 938.2
FISH AND SEAFOOD												
Product traded ²⁴	USD/t	2 837.2	2 850.0	2 867.5	2 826.0	2 800.0	2 852.5	2 896.3	2 939.2	2 973.6	3 008.2	3 043.0
Aquaculture ²⁵	USD/t	2 095.5	2 109.0	2 119.1	2 119.5	2 100.0	2 139.4	2 172.2	2 204.4	2 230.2	2 286.2	2 312.7
Capture ²⁶	USD/t	1 568.3	1 564.7	1 580.6	1 577.3	1 577.8	1 610.6	1 631.0	1 655.1	1 677.2	1 699.3	1 724.8
Meal ²⁷	USD/t	1 592.3	1 280.9	1 200.3	1 252.9	1 291.0	1 558.6	1 372.1	1 412.0	1 442.0	1 487.8	1 834.9
Oil ²⁸	USD/t	1 808.3	1 607.9	1 622.9	1 641.3	1 667.2	1 907.2	1 720.2	1 747.0	1 774.4	1 794.8	2 055.8
DAIRY PRODUCTS												
Butter ²⁹	USD/t	3 395.5	3 925.0	3 736.1	3 788.5	3 852.2	3 935.1	3 981.7	4 063.3	4 129.7	4 214.4	4 247.9
Cheese ³⁰	USD/t	3 633.3	3 643.6	3 603.7	3 700.2	3 775.0	3 862.6	3 945.6	4 038.0	4 121.2	4 209.8	4 276.0
Skim milk powder ³¹	USD/t	2 637.3	2 522.2	2 553.9	2 738.6	2 859.1	2 976.8	3 099.8	3 217.2	3 307.1	3 424.3	3 529.6
Whole milk powder ³²	USD/t	2 888.5	3 120.2	3 066.2	3 207.3	3 302.0	3 416.6	3 512.6	3 613.2	3 695.9	3 803.3	3 883.4
Whey powder ³³	USD/t	981.1	948.0	977.6	1 031.2	1 074.9	1 126.5	1 157.3	1 204.7	1 234.0	1 278.7	1 319.3
Casein ³⁴	USD/t	7 404.3	7 138.3	7 268.3	7 669.3	7 990.3	8 282.9	8 588.0	8 873.3	9 095.6	9 390.2	9 649.3
BIOFUEL												
Ethanol ³⁵	USD/hl	51.0	44.5	46.0	47.3	48.4	49.7	50.9	51.9	53.2	54.5	55.3
Biodiesel ³⁶	USD/hl	86.9	86.1	88.0	89.4	90.4	90.9	91.3	92.1	92.7	93.2	93.6
COTTON												
Cotton ³⁷	USD/t	1 582.8	1 480.7	1 467.2	1 442.1	1 460.5	1 546.7	1 568.2	1 572.3	1 572.5	1 573.3	1 576.0
ROOTS AND TUBERS												
Roots and tubers ³⁸	USD/t	408.4	374.6	379.6	392.4	409.9	421.0	433.7	434.8	443.3	450.2	455.0
USA GDP Deflator (2010=1)	Index	1.088	1.121	1.148	1.174	1.199	1.225	1.251	1.278	1.305	1.332	1.361

ANNEX A

Table A.2. World prices (cont.)

Real price

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
CEREALS												
Wheat ¹	USD/t	209.3	178.8	176.3	177.3	180.0	183.9	186.0	186.7	186.7	184.8	182.9
Maize ²	USD/t	151.2	139.5	140.3	140.4	144.6	146.4	146.9	145.2	145.7	145.3	144.6
Other coarse grains ³	USD/t	165.1	137.9	135.4	138.2	141.9	147.8	149.3	147.0	147.1	146.6	145.7
Rice ⁴	USD/t	378.6	346.9	342.6	339.3	333.8	330.6	325.8	320.5	315.1	309.9	305.3
Distiller's dry grains ⁵	USD/t	126.8	112.0	111.6	112.0	115.7	122.1	124.6	127.4	129.1	130.6	130.3
OILSEEDS												
Soybean ⁶	USD/t	369.8	347.5	346.7	347.9	343.5	351.4	346.9	344.1	336.8	331.8	327.8
Other oilseeds ⁷	USD/t	386.1	384.6	370.1	364.7	368.3	368.5	363.2	359.2	357.0	358.2	355.1
Protein meals ⁸	USD/t	313.0	264.3	256.8	253.7	252.3	255.5	250.1	249.4	246.0	245.5	246.4
Vegetable oils ⁹	USD/t	706.2	738.1	722.0	713.8	708.7	703.7	696.7	692.0	687.2	673.5	662.9
SWEETENERS												
Raw sugar ¹⁰	USD/t	332.1	359.6	334.3	314.4	292.5	289.4	287.1	279.7	280.2	275.6	269.8
Refined sugar ¹¹	USD/t	394.8	434.9	410.5	386.1	364.9	358.5	354.0	347.1	346.6	340.8	332.6
HFCS ¹²	USD/t	598.7	543.5	468.7	446.5	426.4	421.6	418.6	409.3	410.1	407.5	399.5
Molasses ¹³	USD/t	158.2	141.3	136.8	136.0	136.9	138.0	138.4	138.2	137.6	136.7	135.6
MEAT												
Beef and veal												
Price, EU ¹⁴	USD/t dw	4 029.1	3 084.8	3 163.0	3 438.4	3 458.4	3 412.9	3 441.9	3 477.2	3 482.3	3 442.2	3 386.0
Price, United States ¹⁵	USD/t dw	4 620.9	3 642.5	3 742.9	3 684.9	3 555.4	3 469.6	3 315.4	3 200.9	3 034.2	2 954.6	2 927.8
Price, Brazil ¹⁶	USD/t pw	3 835.8	2 853.8	3 017.1	3 067.4	3 005.4	2 898.6	2 755.9	2 684.9	2 576.9	2 523.0	2 490.9
Pigmeat												
Price, EU ¹⁷	USD/t dw	1 589.0	1 476.7	1 447.0	1 508.7	1 475.5	1 446.5	1 509.2	1 517.8	1 477.7	1 375.3	1 405.7
Price, United States ¹⁸	USD/t dw	1 621.6	1 196.8	1 296.9	1 333.6	1 279.9	1 230.8	1 259.1	1 276.3	1 215.8	1 106.2	1 110.0
Price, Brazil ¹⁹	USD/t dw	2 473.8	1 791.1	1 984.2	2 076.4	1 989.2	1 916.8	2 012.3	2 008.9	1 911.6	1 807.7	1 760.6
Poultry meat												
Price, EU ²⁰	USD/t rtc	2 049.5	1 664.1	1 671.0	1 634.2	1 623.9	1 632.9	1 632.3	1 623.5	1 610.2	1 596.1	1 580.9
Price, United States ²¹	USD/t rtc	1 176.8	1 003.8	1 002.1	990.5	989.6	991.8	984.0	970.8	956.3	942.9	931.1
Price, Brazil ²²	USD/t rtc	1 569.4	1 308.7	1 325.3	1 314.4	1 318.3	1 324.9	1 315.6	1 303.0	1 285.5	1 269.3	1 255.7
Sheep meat												
Price, New Zealand ²³	USD/t dw	3 613.0	3 267.1	3 141.6	3 127.3	3 112.0	3 075.9	3 043.1	3 009.0	2 978.4	2 939.8	2 894.2
FISH AND SEAFOOD												
Product traded ²⁴	USD/t	2 837.2	2 541.4	2 496.8	2 406.5	2 334.9	2 328.1	2 314.7	2 300.3	2 278.9	2 257.6	2 236.3
Aquaculture ²⁵	USD/t	2 095.5	1 880.6	1 845.1	1 804.9	1 751.2	1 746.1	1 736.0	1 725.2	1 709.2	1 715.8	1 699.6
Capture ²⁶	USD/t	1 568.3	1 395.3	1 376.3	1 343.1	1 315.7	1 314.5	1 303.5	1 295.3	1 285.4	1 275.3	1 267.6
Meal ²⁷	USD/t	1 592.3	1 142.2	1 045.1	1 066.9	1 076.5	1 272.1	1 096.6	1 105.1	1 105.1	1 116.6	1 348.4
Oil ²⁸	USD/t	1 808.3	1 433.8	1 413.1	1 397.6	1 390.3	1 556.6	1 374.8	1 367.3	1 359.9	1 346.9	1 510.8
DAIRY PRODUCTS												
Butter ²⁹	USD/t	3 124.2	3 500.0	3 253.1	3 226.1	3 212.3	3 211.6	3 182.2	3 180.1	3 164.9	3 162.8	3 121.7
Cheese ³⁰	USD/t	3 346.1	3 249.1	3 137.8	3 150.9	3 147.9	3 152.5	3 153.4	3 160.2	3 158.4	3 159.4	3 142.4
Skim milk powder ³¹	USD/t	2 431.5	2 249.1	2 223.7	2 332.1	2 384.2	2 429.6	2 477.4	2 517.8	2 534.5	2 569.8	2 593.9
Whole milk powder ³²	USD/t	2 661.0	2 782.3	2 669.8	2 731.2	2 753.4	2 788.5	2 807.3	2 827.8	2 832.4	2 854.3	2 853.9
Whey powder ³³	USD/t	904.2	845.3	851.2	878.2	896.4	919.4	924.9	942.9	945.7	959.6	969.6
Casein ³⁴	USD/t	6 823.3	6 365.4	6 328.6	6 530.9	6 663.0	6 760.2	6 863.7	6 944.4	6 970.6	7 047.0	7 091.2
BIOFUEL												
Ethanol ³⁵	USD/hl	47.0	39.7	40.1	40.3	40.4	40.5	40.7	40.6	40.8	40.9	40.7
Biodiesel ³⁶	USD/hl	79.9	76.8	76.6	76.1	75.4	74.2	73.0	72.0	71.0	70.0	68.8
COTTON												
Cotton ³⁷	USD/t	1 455.2	1 320.3	1 277.5	1 228.1	1 217.9	1 262.3	1 253.3	1 230.5	1 205.1	1 180.7	1 158.2
ROOTS AND TUBERS												
Roots and tubers ³⁸	USD/t	375.8	334.1	330.5	334.2	341.8	343.6	346.7	340.3	339.7	337.9	334.4

ANNEX A

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 products on calendar year basis. See Glossary of Terms for definitions.

Average 2014-16est: Data for 2016 are estimated.

1. No.2 hard red winter wheat, ordinary protein, United States FOB Gulf Ports (June/May).
2. No.2 yellow corn, United States FOB Gulf Ports (September/August).
3. Feed barley, Europe, FOB Rouen.
4. Milled 100%, grade b, nominal price quote, FOB Bangkok (January/December).
5. Wholesale price, Central Illinois.
6. Soybean, U.S., CIF Rotterdam.
7. Rapeseed, Europe, CIF Hamburg.
8. Weighted average meal price, European port.
9. Weighted average price of oilseed oils and palm oil, European port.
10. Raw sugar world price, ICE contract No11 nearby, October/September.
11. Refined sugar price, Euronext, Liffe, Contract No. 407 London, Europe, October/September.
12. United States wholesale list price HFCS-55, October/September.
13. Unit import price, Europe (October/September).
14. EU average beef producer price.
15. Choice steers, 1100-1300 lb lw, Nebraska - lw to dw conversion factor 0.63.
16. Brazil: frozen beef, export unit value, product weight.
17. EU average pigmeat producer price.
18. Barrows and gilts, No. 1-3, 230-250 lb lw, Iowa/South Minnesota - lw to dw conversion factor 0.74.
19. Brazil: frozen pigmeat, export unit value, product weight.
20. EU average producer price.
21. Wholesale weighted average broiler price 12 cities.
22. Brazil: export unit value for chicken (FOB), product weight.
23. Lamb schedule price, all grade average.
24. World unit value of trade (sum of exports and imports).
25. World unit value of aquaculture fisheries production (live weight basis).
26. FAO estimated value of world ex-vessel value of capture fisheries production excluding for reduction.
27. Fishmeal, 64-65% protein, Hamburg, Germany.
28. Fish oil any origin, N.W. Europe.
29. FOB export price, butter, 82% butterfat, Oceania.
30. FOB export price, cheddar cheese, 39% moisture, Oceania.
31. FOB export price, non-fat dry milk, 1.25% butterfat, Oceania.
32. FOB export price, WMP 26% butterfat, Oceania.
33. FOB export price, sweet whey non-hygroscopic, Western Europe.
34. Export price, New Zealand.
35. Wholesale price, United States, Omaha.
36. Producer price Germany net of biodiesel tariff and energy tax.
37. Cotlook A index, Middling 1 3/32", c.f.r. far Eastern ports (August/July).
38. Thailand, Bangkok, Cassava (flour), wholesale.

Source: OECD/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.3.1. World trade projections, imports

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Wheat												
World Trade	kt	163 393	166 391	171 499	174 028	176 045	177 992	180 267	182 353	184 507	186 670	188 709
OECD ¹	kt	33 080	32 873	33 047	32 943	32 919	32 934	32 948	32 993	33 073	33 186	33 317
Developing countries	kt	134 574	139 094	144 105	146 585	148 558	150 416	152 573	154 550	156 584	158 644	160 601
Least Developed Countries	kt	20 180	20 918	22 028	23 011	23 732	24 318	24 986	25 673	26 397	27 207	28 007
Maize												
World Trade	kt	133 765	136 739	137 256	138 080	139 406	141 850	144 416	146 956	149 015	151 163	153 315
OECD ¹	kt	57 785	59 618	59 785	59 047	59 660	60 359	60 903	61 149	61 342	61 707	62 064
Developing countries	kt	99 308	102 229	102 314	104 469	105 674	107 539	109 756	112 273	114 321	116 309	118 272
Least Developed Countries	kt	2 740	3 435	3 653	3 713	3 830	3 990	4 201	4 476	4 724	5 014	5 339
Other coarse grains												
World Trade	kt	43 116	38 344	38 880	39 869	40 876	41 687	42 653	43 652	44 436	45 216	46 119
OECD ¹	kt	7 743	7 626	7 731	7 687	7 770	7 794	7 781	7 811	7 780	7 728	7 686
Developing countries	kt	36 715	32 179	32 592	33 596	34 475	35 229	36 172	37 128	37 914	38 728	39 657
Least Developed Countries	kt	737	505	589	664	733	778	849	926	996	1 074	1 214
Rice												
World Trade	kt	43 582	42 253	43 311	44 260	45 173	46 122	47 018	47 910	48 864	49 810	50 768
OECD ¹	kt	5 389	5 487	5 546	5 593	5 668	5 720	5 774	5 823	5 874	5 927	5 986
Developing countries	kt	38 273	36 809	37 808	38 713	39 564	40 469	41 324	42 178	43 090	43 995	44 906
Least Developed Countries	kt	9 623	8 779	9 250	9 679	10 131	10 638	11 138	11 658	12 216	12 795	13 390
Soybean												
World Trade	kt	135 658	147 492	149 155	151 595	154 864	158 173	162 208	165 464	169 347	173 032	176 995
OECD ¹	kt	27 103	27 085	27 272	27 255	27 711	27 919	28 323	28 408	28 741	28 978	29 441
Developing countries	kt	114 148	126 518	128 110	130 612	133 578	136 737	140 486	143 723	147 384	150 928	154 521
Least Developed Countries	kt	1 124	1 419	1 482	1 544	1 608	1 669	1 733	1 794	1 857	1 920	1 984
Other oilseeds												
World Trade	kt	18 557	18 491	18 757	19 378	19 954	20 281	20 452	20 889	21 178	21 305	21 497
OECD ¹	kt	10 211	10 892	10 969	11 271	11 405	11 499	11 544	11 638	11 656	11 640	11 672
Developing countries	kt	10 517	9 883	10 184	10 613	11 146	11 477	11 688	12 145	12 518	12 758	13 023
Least Developed Countries	kt	248	243	241	254	253	254	258	261	265	265	267
Protein Meals												
World Trade	kt	83 632	90 118	91 439	93 034	94 389	95 834	97 148	98 684	100 094	101 644	103 046
OECD ¹	kt	44 929	48 549	49 051	49 528	49 862	50 241	50 444	50 902	51 175	51 727	51 889
Developing countries	kt	45 408	49 148	50 176	51 451	52 587	53 823	55 018	56 181	57 399	58 506	59 852
Least Developed Countries	kt	810	919	968	1 033	1 092	1 157	1 220	1 283	1 348	1 416	1 482
Vegetable Oils												
World Trade	kt	75 513	79 123	80 175	81 580	82 714	84 058	85 530	87 010	88 576	90 011	91 484
OECD ¹	kt	19 787	20 215	19 981	20 019	20 012	20 083	20 110	20 149	20 204	20 122	20 045
Developing countries	kt	56 700	59 964	61 297	62 697	63 857	65 142	66 600	68 055	69 584	71 134	72 716
Least Developed Countries	kt	6 934	7 371	7 636	7 883	8 127	8 264	8 508	8 777	9 035	9 313	9 592
Sugar												
World Trade	kt	51 660	52 625	55 355	56 364	57 435	58 296	58 832	60 314	61 571	62 831	64 004
OECD ¹	kt	12 225	10 758	10 868	10 920	11 265	11 357	11 372	11 651	11 867	11 951	12 026
Developing countries	kt	38 588	40 989	43 476	44 377	45 140	45 794	46 357	47 560	48 577	49 773	50 873
Least Developed Countries	kt	8 369	8 587	9 562	9 818	10 052	10 329	10 556	10 985	11 369	11 852	12 316
Beef²												
World Trade	kt	8 847	9 198	9 367	9 483	9 647	9 817	9 979	10 131	10 289	10 441	10 581
OECD ¹	kt	3 611	3 596	3 642	3 671	3 726	3 767	3 796	3 825	3 863	3 889	3 904
Developing countries	kt	5 253	5 753	5 888	5 986	6 095	6 219	6 346	6 468	6 583	6 704	6 836
Least Developed Countries	kt	183	180	216	239	262	279	291	301	309	321	339
Pigmeat²												
World Trade	kt	7 017	7 467	7 238	7 196	7 180	7 242	7 311	7 355	7 420	7 505	7 624
OECD ¹	kt	3 574	3 759	3 724	3 773	3 815	3 850	3 874	3 886	3 910	3 930	3 962
Developing countries	kt	4 098	4 526	4 370	4 307	4 263	4 293	4 352	4 402	4 446	4 517	4 607
Least Developed Countries	kt	197	185	185	187	193	203	210	217	229	246	258
Poultry												
World Trade	kt	11 600	12 369	12 506	12 715	12 904	13 172	13 385	13 628	13 830	14 030	14 226
OECD ¹	kt	2 842	3 115	3 132	3 131	3 140	3 134	3 140	3 141	3 138	3 131	3 130
Developing countries	kt	8 489	9 032	9 176	9 397	9 591	9 886	10 095	10 346	10 561	10 776	10 994
Least Developed Countries	kt	1 013	921	939	961	982	1 035	1 066	1 094	1 133	1 173	1 212
Butter												
World Trade	kt	862	884	905	936	968	987	1 017	1 044	1 076	1 100	1 123
OECD ¹	kt	149	159	153	153	154	150	149	149	149	149	149
Developing countries	kt	614	644	663	689	714	732	757	780	805	825	842
Least Developed Countries	kt	13	13	14	17	20	23	26	29	32	34	36

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

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Cheese												
World Trade	kt	2 257	2 368	2 428	2 472	2 520	2 565	2 607	2 650	2 693	2 742	2 792
OECD ¹	kt	960	1 031	1 044	1 055	1 068	1 080	1 089	1 098	1 105	1 114	1 123
Developing countries	kt	1 216	1 287	1 318	1 343	1 369	1 395	1 419	1 446	1 475	1 508	1 541
Least Developed Countries	kt	43	42	46	49	52	55	58	62	66	70	75
Whole milk powder												
World Trade	kt	2 545	2 497	2 558	2 579	2 607	2 652	2 689	2 726	2 766	2 811	2 857
OECD ¹	kt	52	60	61	61	61	60	60	60	60	60	60
Developing countries	kt	2 460	2 398	2 459	2 482	2 512	2 558	2 596	2 634	2 675	2 722	2 769
Least Developed Countries	kt	215	228	238	245	253	262	270	279	289	298	308
Skim milk powder												
World Trade	kt	2 179	2 239	2 311	2 338	2 376	2 418	2 460	2 508	2 555	2 600	2 648
OECD ¹	kt	400	433	445	440	439	438	438	437	438	437	441
Developing countries	kt	1 921	1 959	2 020	2 054	2 092	2 135	2 177	2 226	2 273	2 319	2 368
Least Developed Countries	kt	128	114	119	123	127	132	136	140	145	149	154
Fish³												
World Trade	kt	38 868	39 360	39 678	39 970	40 496	40 842	41 771	41 878	42 757	43 074	44 006
OECD	kt	21 101	21 462	21 617	21 648	21 905	22 052	22 485	22 315	22 859	22 924	23 493
Developing countries	kt	18 081	18 409	18 566	18 863	19 186	19 440	19 915	20 151	20 519	20 813	21 284
Least Developed Countries	kt	1 062	1 034	1 080	1 117	1 168	1 202	1 274	1 283	1 336	1 355	1 413
Fishmeal⁴												
World Trade	kt	2 790	3 160	3 134	3 083	3 035	2 769	2 857	2 917	2 919	2 918	2 728
OECD	kt	1 112	1 166	1 145	1 094	1 056	893	948	951	926	905	781
Developing countries	kt	1 843	2 148	2 147	2 150	2 138	2 042	2 051	2 122	2 152	2 174	2 121
Least Developed Countries	kt	24	24	24	25	25	24	26	27	27	28	26
Fish oil⁴												
World Trade	kt	715	694	721	718	717	690	691	713	714	716	700
OECD	kt	596	580	596	592	591	573	568	583	581	581	573
Developing countries	kt	233	213	226	226	226	209	219	231	235	238	222
Least Developed Countries	kt	3	3	3	3	3	3	3	3	3	3	3
Ethanol												
World Trade	kt	8 153	8 974	9 028	8 963	8 938	8 834	8 750	8 505	8 238	8 148	7 939
OECD ¹	kt	5 067	5 836	6 108	6 091	6 084	6 032	5 992	5 782	5 550	5 491	5 311
Developing countries	kt	3 801	3 855	3 642	3 597	3 584	3 535	3 497	3 466	3 436	3 409	3 385
Least Developed Countries	kt	33	45	45	45	45	45	45	45	45	45	45
Biodiesel												
World Trade	kt	3 590	3 954	4 400	4 319	3 918	3 720	3 445	3 308	3 255	3 246	3 224
OECD ¹	kt	3 095	3 429	3 873	3 790	3 387	3 186	2 907	2 766	2 709	2 695	2 668
Developing countries	kt	495	526	527	528	531	534	538	542	547	551	556
Least Developed Countries	kt	0	0	0	0	0	0	0	0	0	0	0
Cotton												
World Trade	kt	7 461	7 648	7 649	7 681	7 746	7 792	7 858	7 959	8 059	8 166	8 278
OECD ¹	kt	1 680	1 674	1 679	1 657	1 652	1 653	1 646	1 642	1 641	1 643	1 644
Developing countries	kt	7 025	7 271	7 272	7 305	7 364	7 411	7 478	7 580	7 681	7 787	7 897
Least Developed Countries	kt	1 133	1 284	1 315	1 347	1 381	1 414	1 450	1 493	1 538	1 585	1 632
Roots and tubers												
World Trade	kt	13 769	12 278	12 352	12 505	12 638	12 718	12 859	12 930	13 090	13 219	13 356
OECD	kt	990	1 183	1 189	1 188	1 167	1 182	1 193	1 206	1 229	1 242	1 252
Developing countries	kt	12 886	11 203	11 268	11 364	11 278	11 441	11 662	11 783	11 947	12 062	12 176
Least Developed Countries	kt	172	179	194	343	296	296	271	294	311	337	382

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 2014-16est: Data for 2016 are estimated.

1. Excludes Iceland but includes all EU28 member countries.
2. Excludes trade of live animals.
3. Data are in live weight equivalent and refer to trade of food fish i.e. for human consumption.
4. Data are in product weight.

Source: OECD/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

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Table A.3.2. World trade projections, exports

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Wheat												
OECD ¹	kt	101 533	102 107	104 881	106 632	107 480	108 337	109 441	110 389	111 470	112 587	113 450
Developing countries	kt	21 635	20 133	19 778	19 963	20 334	20 889	21 401	21 939	22 482	23 017	23 567
Least Developed Countries	kt	164	107	104	101	99	97	94	92	90	88	86
Maize												
OECD ¹	kt	55 849	53 818	51 939	50 510	50 015	50 557	51 318	52 729	53 606	54 460	55 265
Developing countries	kt	53 917	55 482	57 093	58 731	59 789	61 347	62 743	63 640	64 359	65 303	66 287
Least Developed Countries	kt	4 128	3 858	3 715	3 679	3 655	3 569	3 474	3 306	3 232	3 122	3 013
Other coarse grains												
OECD ¹	kt	32 664	26 383	26 734	27 323	28 054	28 516	29 202	29 916	30 337	30 716	31 258
Developing countries	kt	6 602	6 869	6 951	7 054	7 085	7 229	7 273	7 352	7 492	7 662	7 803
Least Developed Countries	kt	2 682	2 924	2 763	2 602	2 413	2 342	2 214	2 082	2 037	1 980	1 928
Rice												
OECD ¹	kt	4 031	3 866	4 371	4 334	4 377	4 433	4 484	4 544	4 601	4 659	4 720
Developing countries	kt	39 773	38 621	39 178	40 162	41 025	41 915	42 754	43 582	44 473	45 357	46 250
Least Developed Countries	kt	2 965	3 112	3 201	3 361	3 560	3 752	3 925	4 122	4 327	4 544	4 762
Soybean												
OECD ¹	kt	56 008	59 608	59 395	58 860	59 248	59 743	60 123	60 889	61 173	62 128	61 961
Developing countries	kt	78 086	84 601	86 431	89 322	92 143	94 889	98 477	100 882	104 350	106 940	110 927
Least Developed Countries	kt	11	9	9	9	8	8	8	8	7	7	7
Other oilseeds												
OECD ¹	kt	13 989	14 047	14 383	14 957	15 394	15 595	15 690	16 085	16 323	16 310	16 361
Developing countries	kt	2 012	2 393	2 310	2 310	2 361	2 418	2 444	2 458	2 472	2 531	2 596
Least Developed Countries	kt	89	91	90	89	93	97	97	95	90	89	88
Protein Meals												
OECD ¹	kt	16 819	16 401	16 387	16 312	16 397	16 743	16 854	17 077	17 240	17 574	17 782
Developing countries	kt	67 257	66 801	67 967	69 466	70 565	71 443	72 460	73 549	74 610	75 604	76 610
Least Developed Countries	kt	238	290	278	276	270	267	264	261	258	256	253
Vegetable Oils												
OECD ¹	kt	6 852	6 865	6 847	6 898	6 929	6 875	6 991	7 078	7 206	7 369	7 501
Developing countries	kt	61 841	64 215	65 043	66 162	67 008	68 133	69 211	70 310	71 445	72 422	73 454
Least Developed Countries	kt	464	523	512	502	492	487	479	468	460	452	444
Sugar												
OECD ¹	kt	7 477	8 249	8 662	8 684	8 849	8 892	8 970	9 073	9 128	9 250	9 301
Developing countries	kt	48 584	50 374	52 696	53 677	54 609	55 389	55 745	57 036	58 121	59 270	60 419
Least Developed Countries	kt	2 185	1 359	1 951	1 833	1 750	1 804	1 669	1 619	1 572	1 540	1 492
Beef²												
OECD ¹	kt	4 292	4 255	4 347	4 311	4 317	4 390	4 430	4 465	4 490	4 533	4 551
Developing countries	kt	4 856	4 863	4 948	5 117	5 286	5 398	5 535	5 663	5 810	5 932	6 043
Least Developed Countries	kt	2	2	2	1	1	1	1	1	1	1	1
Pigmeat²												
OECD ¹	kt	6 143	6 579	6 317	6 268	6 255	6 338	6 415	6 473	6 546	6 630	6 750
Developing countries	kt	1 037	1 027	1 051	1 066	1 077	1 079	1 085	1 079	1 086	1 104	1 113
Least Developed Countries	kt	0	0	0	0	0	0	0	0	0	0	0
Poultry												
OECD ¹	kt	5 523	5 484	5 544	5 687	5 815	5 953	6 064	6 198	6 279	6 380	6 453
Developing countries	kt	6 690	6 753	6 819	6 894	6 951	7 079	7 175	7 273	7 385	7 472	7 581
Least Developed Countries	kt	4	3	3	2	2	2	2	2	2	2	2
Butter												
OECD ¹	kt	753	722	737	765	793	806	832	854	881	899	916
Developing countries	kt	95	91	91	91	92	93	94	94	94	95	96
Least Developed Countries	kt	3	3	3	3	3	3	3	3	3	3	4
Cheese												
OECD ¹	kt	1 656	1 698	1 747	1 774	1 802	1 831	1 855	1 888	1 920	1 962	2 005
Developing countries	kt	534	561	575	592	608	621	632	634	638	639	641
Least Developed Countries	kt	0	0	0	0	0	0	0	0	0	0	0
Whole milk powder												
OECD ¹	kt	1 834	1 821	1 874	1 891	1 912	1 947	1 976	2 006	2 039	2 074	2 106
Developing countries	kt	616	643	653	656	661	668	674	679	684	692	704
Least Developed Countries	kt	8	8	8	8	7	7	7	7	7	7	7
Skim milk powder												
OECD ¹	kt	1 845	1 914	1 998	2 019	2 053	2 093	2 132	2 178	2 225	2 269	2 313
Developing countries	kt	205	183	177	179	179	179	179	179	178	177	176
Least Developed Countries	kt	5	5	5	5	5	4	4	4	4	4	4
Fish³												
OECD	kt	12 949	13 005	13 214	13 472	13 748	13 929	14 050	14 110	14 123	14 265	14 163
Developing countries	kt	26 147	25 604	25 771	25 935	26 342	26 533	27 430	27 587	28 582	28 918	29 831
Least Developed Countries	kt	1 528	1 405	1 439	1 487	1 508	1 537	1 525	1 581	1 572	1 615	1 605

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

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Fishmeal⁴												
OECD	kt	904	916	956	962	968	998	936	982	996	1 012	1 015
Developing countries	kt	1 821	2 181	2 198	2 179	2 168	1 920	2 072	2 122	2 115	2 103	1 880
Least Developed Countries	kt	91	82	78	76	76	78	79	80	81	83	86
Fish oil⁴												
OECD	kt	435	365	390	390	391	403	386	396	400	404	413
Developing countries	kt	382	390	402	397	394	364	363	386	385	385	366
Least Developed Countries	kt	16	10	10	10	10	10	10	10	10	10	10
Ethanol												
OECD ¹	kt	4 287	4 308	4 258	4 216	4 186	4 057	3 870	3 718	3 525	3 442	3 297
Developing countries	kt	3 596	4 355	4 460	4 437	4 442	4 466	4 570	4 476	4 403	4 395	4 331
Least Developed Countries	kt	36	99	99	99	99	99	99	99	99	99	99
Biodiesel												
OECD ¹	kt	1 009	900	892	905	921	917	918	923	939	957	957
Developing countries	kt	2 591	2 987	3 441	3 346	2 930	2 735	2 459	2 317	2 248	2 221	2 199
Least Developed Countries	kt	0	0	0	0	0	0	0	0	0	0	0
Cotton												
OECD ¹	kt	3 324	3 946	3 968	3 963	3 959	3 967	3 940	3 981	4 031	4 088	4 145
Developing countries	kt	3 484	3 212	3 209	3 248	3 318	3 352	3 437	3 495	3 549	3 605	3 666
Least Developed Countries	kt	911	1 077	1 079	1 089	1 094	1 104	1 119	1 131	1 140	1 149	1 158
Roots and tubers												
OECD	kt	988	1 005	1 039	1 039	1 081	1 079	1 090	1 094	1 093	1 095	1 105
Developing countries	kt	11 254	11 647	11 686	11 840	11 932	12 014	12 144	12 212	12 373	12 501	12 629
Least Developed Countries	kt	44	45	45	45	45	44	43	42	41	40	39

Note: Average 2014-16est: Data for 2016 are estimated.

1. Excludes Iceland but includes all EU28 member countries.
2. Excludes trade of live animals.
3. Data are in live weight equivalent and refer to trade of food fish i.e. for human consumption.
4. Data are in product weight.

Source: OECD/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.4.1. Wheat projections: Production and trade

Marketing year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	742 096	820 804	1.80	1.07	163 393	188 709	4.00	1.30	165 818	191 134	3.86	1.29
DEVELOPED COUNTRIES	397 544	430 916	1.79	0.88	28 819	28 108	1.83	0.33	144 183	167 567	4.31	1.19
NORTH AMERICA	87 623	88 950	0.78	0.75	3 628	4 300	2.07	2.84	46 135	49 994	-0.07	0.39
Canada	29 581	31 800	3.58	0.59	99	96	13.62	-0.22	22 421	22 750	3.95	0.60
United States	58 043	57 150	-0.47	0.84	3 529	4 204	1.90	2.92	23 714	27 244	-2.77	0.22
EUROPE	252 816	276 169	2.01	0.84	8 615	7 784	-0.11	-0.76	71 163	86 658	9.05	1.72
European Union	154 371	164 460	1.54	0.72	6 122	5 100	-1.41	-1.11	31 310	36 636	7.07	2.34
Russia	64 899	72 272	2.11	0.78	402	877	21.27	1.09	23 873	29 344	9.11	0.72
Ukraine	25 558	30 225	4.33	1.38	50	50	33.07	-0.01	14 716	18 517	19.25	2.02
OCEANIA DEVELOPED	28 136	30 869	5.74	0.66	500	579	7.54	1.88	18 864	20 651	7.18	0.40
Australia	27 689	30 335	5.81	0.64	19	20	10.37	0.00	18 863	20 651	7.18	0.40
New Zealand	448	534	2.15	1.42	481	559	7.47	1.95	0	0	-16.10	0.00
OTHER DEVELOPED ¹	28 968	34 928	0.12	1.73	16 076	15 446	2.78	0.25	8 021	10 263	0.47	2.57
Japan	916	941	1.90	0.53	5 746	5 493	1.00	-0.41	0	0	..	..
Kazakhstan	13 882	16 461	-0.81	1.60	264	95	76.92	-1.98	6 972	8 459	-0.13	2.02
South Africa	1 703	2 163	-1.60	1.30	1 900	2 323	4.80	3.69	187	844	-4.27	16.37
DEVELOPING COUNTRIES	344 552	389 888	1.88	1.29	134 574	160 601	4.52	1.48	21 635	23 567	1.68	2.04
AFRICA	23 706	28 094	3.33	1.79	46 334	57 675	3.84	2.19	1 083	856	-1.03	-1.66
NORTH AFRICA	17 951	21 246	2.71	1.73	28 533	33 369	4.00	1.46	247	223	-2.18	-0.40
Algeria	2 300	2 978	1.99	1.49	8 172	9 267	4.81	1.59	0	0	0.00	-0.11
Egypt	9 093	10 576	2.41	1.51	11 733	14 316	3.60	1.74	0	0	0.00	-0.12
SUB-SAHARAN AFRICA	5 755	6 848	5.44	1.95	17 802	24 307	3.62	3.28	836	633	-0.42	-2.07
Ethiopia	4 234	5 082	7.43	2.03	1 371	2 660	-2.34	6.67	0	0	-51.98	-0.46
Ghana	0	0	0.00	2.01	563	649	10.49	2.08	0	0	0.00	-2.04
Mozambique	19	20	27.52	2.19	495	811	5.68	3.60	0	0	0.00	-0.25
Nigeria	71	92	5.51	1.80	4 500	5 438	3.77	2.04	600	497	4.39	-2.00
Tanzania	122	129	7.92	1.96	837	1 138	2.82	3.91	77	28	-11.85	-3.76
Zambia	222	305	5.96	2.91	33	37	-7.66	6.66	16	1	525.32	-6.47
LATIN AMERICA and CARIBBEAN	28 387	32 901	1.19	2.21	21 242	23 379	1.15	0.96	12 085	14 709	-0.45	3.27
Argentina	14 530	18 107	1.89	2.83	3	3	0.00	0.00	8 208	11 626	-1.40	3.61
Brazil	6 024	6 396	2.56	1.42	5 897	7 118	-1.59	1.17	1 244	1 204	0.09	4.76
Chile	1 524	2 057	3.59	2.03	762	481	-1.47	-3.01	0	0	0.00	0.22
Colombia	14	13	-10.88	1.28	1 740	1 728	3.15	0.55	50	52	5.17	-0.54
Mexico	3 722	4 278	-0.71	1.26	4 429	4 713	4.99	0.93	1 091	1 105	3.18	-0.01
Paraguay	1 059	791	-1.52	1.88	1	0	62.02	-1.14	717	329	-1.35	2.36
Peru	216	273	1.08	2.19	1 849	1 983	2.75	0.95	5	5	-7.31	-0.39
Uruguay	1 052	754	-0.99	1.45	38	29	-0.75	-2.04	717	340	8.30	2.08
ASIA and PACIFIC	292 459	328 893	1.83	1.16	66 997	79 546	6.42	1.16	8 468	8 002	3.99	0.50
Bangladesh	1 344	1 642	7.60	1.72	4 365	5 524	7.75	2.04	28	29	123.35	-0.77
China ²	128 325	133 858	1.93	0.60	2 862	3 680	49.80	2.99	193	220	-16.11	0.67
India	91 557	106 831	2.35	1.30	1 185	3 115	7.34	-0.61	1 712	659	158.40	0.98
Indonesia	0	0	0.00	1.84	8 721	10 728	7.95	1.18	108	98	15.33	-1.17
Iran	11 867	15 546	0.34	1.62	3 998	1 822	17.00	-2.32	233	498	7.17	0.76
Korea	29	45	12.74	2.14	4 347	5 173	2.06	1.52	50	54	-2.04	0.68
Malaysia	0	0	0.00	1.67	1 544	1 764	5.45	1.10	116	136	9.06	-1.09
Pakistan	25 516	31 549	1.53	2.08	255	30	-35.89	7.00	767	139	-8.33	-16.54
Philippines	0	0	0.00	1.64	4 977	5 677	8.11	1.17	0	0	0.00	-1.16
Saudi Arabia	180	3	-40.72	-3.19	3 517	4 251	35.69	2.20	0	0	0.00	-2.15
Thailand	1	1	1.27	1.73	3 932	3 671	16.77	1.02	14	15	9.24	-1.01
Turkey	20 733	24 434	1.92	1.78	4 946	4 494	6.62	-2.54	4 078	5 006	9.76	2.61
Viet Nam	0	0	0.00	1.76	3 376	5 106	13.36	1.35	96	240	605.50	-1.33
LEAST DEVELOPED COUNTRIES (LDC)	13 739	16 327	4.39	1.93	20 180	28 007	4.31	3.11	164	86	-8.81	-2.38
OECD³	298 042	317 080	1.66	0.81	33 080	33 317	2.01	0.11	101 533	113 450	3.10	1.07
BRICS	292 508	321 520	2.09	0.89	12 245	17 113	4.71	1.49	27 209	32 271	8.52	1.08

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

- Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.4.2. Wheat projections: Consumption, food

Marketing year

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	722 388	815 281	1.70	0.93	491 525	551 883	1.22	0.94	66.9	67.2	0.03	-0.06
DEVELOPED COUNTRIES	275 198	291 067	0.59	0.51	133 626	136 951	0.34	0.24	95.5	95.0	-0.08	-0.02
NORTH AMERICA	41 168	43 306	1.26	0.56	28 842	30 344	0.35	0.50	80.6	78.5	-0.47	-0.20
Canada	8 726	9 146	2.65	0.54	2 733	2 866	-0.36	0.40	76.1	72.9	-1.41	-0.39
United States	32 441	34 160	0.91	0.57	26 109	27 477	0.42	0.51	81.1	79.1	-0.37	-0.18
EUROPE	189 056	197 048	0.24	0.46	80 232	80 099	-0.01	0.03	108.6	108.5	-0.12	0.05
European Union	128 883	132 751	0.26	0.29	55 573	55 992	0.10	0.14	110.0	109.9	-0.07	0.07
Russia	40 276	43 797	0.24	0.94	14 433	13 910	-0.15	-0.33	100.6	98.8	-0.18	-0.12
Ukraine	11 452	11 721	-0.96	0.61	5 418	5 414	-0.67	-0.11	120.9	128.6	-0.29	0.48
OCEANIA DEVELOPED	8 483	10 751	2.97	-0.03	2 291	2 548	2.86	0.78	80.4	78.8	1.32	-0.33
Australia	7 537	9 661	2.70	-0.23	1 929	2 135	1.99	0.67	80.5	78.0	0.34	-0.50
New Zealand	946	1 090	5.44	1.94	362	413	9.11	1.39	79.9	83.3	8.24	0.56
OTHER DEVELOPED ¹	36 491	39 962	1.16	0.87	22 261	23 961	1.41	0.59	81.5	84.2	0.77	0.26
Japan	6 589	6 424	0.91	-0.28	5 390	5 276	0.82	-0.24	42.6	43.1	0.90	0.09
Kazakhstan	7 094	8 039	-0.21	1.36	2 527	2 789	1.29	0.85	143.4	142.6	-0.16	-0.04
South Africa	3 296	3 636	1.45	0.67	3 153	3 443	1.30	0.66	57.9	58.6	0.16	0.01
DEVELOPING COUNTRIES	447 191	524 214	2.44	1.17	357 899	414 932	1.57	1.18	60.2	61.3	0.18	0.02
AFRICA	68 340	84 575	3.69	1.93	55 991	70 306	2.64	2.10	49.5	47.6	-0.01	-0.33
NORTH AFRICA	46 060	54 239	3.44	1.39	36 166	42 930	2.11	1.52	197.6	199.6	0.31	0.10
Algeria	10 322	12 170	3.03	1.30	8 322	9 772	1.92	1.41	209.8	210.7	0.04	0.04
Egypt	20 867	24 914	3.44	1.53	17 400	21 277	2.30	1.80	190.2	192.4	0.18	0.12
SUB-SAHARAN AFRICA	22 279	30 336	4.22	2.97	19 826	27 376	3.67	3.10	20.9	21.7	0.82	0.46
Ethiopia	5 448	7 710	5.52	3.26	4 281	6 222	3.92	3.50	43.1	48.7	1.29	1.20
Ghana	529	643	7.97	2.02	379	478	3.14	2.47	13.9	13.9	0.66	0.44
Mozambique	571	827	6.88	3.53	561	816	6.55	3.57	20.0	21.8	3.61	0.88
Nigeria	3 971	5 026	3.26	2.50	3 571	4 593	3.71	2.66	19.6	19.2	0.98	0.18
Tanzania	806	1 221	4.29	3.76	790	1 202	4.81	3.79	14.8	16.2	1.55	0.79
Zambia	257	340	5.37	3.18	240	324	5.05	3.33	14.8	14.4	1.92	0.30
LATIN AMERICA and CARIBBEAN	37 435	41 493	1.23	1.00	34 135	37 979	1.59	1.05	54.0	54.3	0.43	0.16
Argentina	5 833	6 464	2.13	0.99	5 100	5 738	1.28	1.09	117.5	119.8	0.24	0.21
Brazil	11 127	12 301	0.66	0.95	10 683	11 826	0.98	0.99	51.4	52.7	0.05	0.32
Chile	2 293	2 536	1.01	0.83	2 150	2 361	1.28	0.83	119.8	119.4	0.20	-0.03
Colombia	1 539	1 680	1.77	0.65	1 386	1 497	1.29	0.57	28.7	28.7	0.26	-0.11
Mexico	7 059	7 886	2.07	1.24	6 037	6 826	4.20	1.38	47.5	47.7	2.73	0.31
Paraguay	413	459	1.27	1.11	338	378	1.57	1.13	51.0	50.1	0.23	-0.02
Peru	2 000	2 241	2.14	0.96	1 900	2 129	2.24	0.95	60.6	60.0	0.92	-0.15
Uruguay	430	442	-4.38	0.29	385	394	-0.66	0.30	112.2	110.8	-1.00	-0.02
ASIA and PACIFIC	341 416	398 146	2.34	1.03	267 772	306 647	1.35	0.99	64.0	66.8	0.25	0.17
Bangladesh	5 181	7 098	7.10	1.68	4 047	5 524	4.36	2.04	25.1	30.6	3.14	1.01
China ²	119 633	135 530	1.14	0.41	88 500	90 164	0.21	0.12	64.3	63.7	-0.31	-0.09
India	93 362	109 267	2.90	1.27	78 100	95 690	1.57	1.20	59.6	64.9	0.26	0.14
Indonesia	8 646	10 614	7.18	1.13	6 446	7 136	4.69	0.76	25.0	24.9	3.36	-0.18
Iran	15 120	16 840	0.76	0.93	13 220	14 625	1.26	0.87	167.1	168.1	0.02	0.07
Korea	4 259	5 160	2.66	1.40	2 417	2 499	0.52	0.28	48.1	48.0	0.00	-0.02
Malaysia	1 382	1 617	4.42	1.20	958	1 112	1.85	1.15	31.6	32.0	0.28	-0.06
Pakistan	24 938	31 377	1.56	2.26	23 747	30 513	2.18	2.27	125.7	132.2	0.06	0.47
Philippines	4 977	5 668	8.02	1.09	2 352	2 785	2.04	1.46	23.4	23.7	0.47	0.06
Saudi Arabia	3 548	4 201	3.79	1.51	3 165	3 752	3.52	1.43	100.4	100.6	1.12	-0.03
Thailand	3 585	3 635	16.01	0.70	1 109	1 117	3.37	-0.12	16.3	16.3	3.04	-0.16
Turkey	22 183	23 905	1.96	0.64	16 433	17 775	1.50	0.60	209.1	208.1	-0.08	-0.06
Viet Nam	3 130	4 843	14.34	1.29	1 450	1 787	4.05	1.40	15.5	17.4	2.93	0.56
LEAST DEVELOPED COUNTRIES (LDC)	32 878	43 967	4.67	2.47	27 476	37 423	3.73	2.72	28.8	30.7	1.30	0.47
OECD³	224 549	236 742	0.83	0.42	121 255	126 034	0.65	0.38	92.3	91.6	0.05	-0.02
BRICS	267 694	304 532	1.57	0.81	194 870	215 032	0.77	0.61	63.0	64.9	-0.09	0.01

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.5.1. Maize projections: Production and trade

Marketing year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	1 024 735	1 163 711	3.33	1.26	133 765	153 315	5.28	1.38	135 276	154 507	5.93	1.37
DEVELOPED COUNTRIES	504 733	558 572	2.34	0.99	34 456	35 043	2.71	0.23	81 358	88 220	3.85	0.94
NORTH AMERICA	376 554	407 606	1.70	0.85	2 632	2 834	-0.70	-0.57	51 848	51 074	-0.71	0.52
Canada	12 746	14 203	2.61	1.01	1 328	1 450	-9.69	-0.94	1 157	818	20.53	-0.52
United States	363 807	393 403	1.67	0.84	1 304	1 384	19.55	-0.17	50 691	50 256	-0.97	0.54
EUROPE	113 963	132 642	5.05	1.41	13 067	14 334	9.51	0.69	28 151	34 296	25.52	1.58
European Union	65 360	74 578	1.37	1.40	12 239	13 613	11.07	0.80	3 055	3 033	12.19	2.17
Russia	12 868	16 646	17.04	1.90	83	99	-14.30	-0.19	4 249	6 207	55.61	2.09
Ukraine	26 596	31 240	16.34	1.04	28	25	0.51	-0.04	18 482	21 682	28.05	1.15
OCEANIA DEVELOPED	654	727	3.53	0.82	150	138	69.58	1.04	67	79	28.06	1.52
Australia	441	513	5.55	1.09	0	0	..	..	62	74	37.52	1.64
New Zealand	213	215	0.18	0.18	150	138	86.19	1.04	5	5	4.45	0.00
OTHER DEVELOPED ¹	13 562	17 597	0.89	1.10	18 606	17 737	0.23	-0.01	1 292	2 771	-0.27	1.36
Japan	0	0	0.92	-0.05	14 942	14 714	-1.40	-0.11	0	0	..	..
Kazakhstan	733	884	8.80	0.66	41	33	189.93	0.56	40	48	25.08	-0.54
South Africa	11 256	14 930	0.19	1.16	1 675	944	63.03	-1.40	1 229	2 699	-0.93	1.42
DEVELOPING COUNTRIES	520 001	605 139	4.37	1.52	99 308	118 272	6.47	1.75	53 917	66 287	9.66	1.96
AFRICA	59 672	72 673	3.70	2.16	20 285	25 939	6.16	1.95	3 635	1 507	8.33	-6.48
NORTH AFRICA	6 101	7 642	-2.75	1.74	16 610	18 907	7.36	1.42	50	42	0.00	-1.67
Algeria	0	0	-65.00	3.68	4 386	5 172	9.88	1.94	0	0	0.00	-1.90
Egypt	5 933	7 441	-2.89	1.73	8 333	8 921	7.80	0.78	0	0	0.00	-0.06
SUB-SAHARAN AFRICA	53 571	65 031	4.71	2.21	3 675	7 032	1.96	3.58	3 585	1 465	8.52	-6.59
Ethiopia	7 195	9 077	9.71	2.50	3	0	-74.80	1.13	743	332	185.07	-3.79
Ghana	1 725	2 176	3.74	2.05	56	58	-1.12	2.76	83	47	0.60	-3.62
Mozambique	1 676	2 023	-1.34	1.84	116	466	-3.05	6.22	8	7	-34.08	-2.87
Nigeria	10 013	11 888	3.57	2.19	200	412	16.22	7.35	150	81	-1.46	-5.94
Tanzania	6 012	6 921	7.53	2.43	12	98	-11.10	28.24	583	8	45.50	-32.06
Zambia	2 957	3 658	8.50	2.22	1	1	-38.77	0.03	800	442	20.83	0.11
LATIN AMERICA and CARIBBEAN	154 893	194 120	4.87	1.97	30 893	33 947	4.80	0.95	47 487	60 784	11.68	2.30
Argentina	36 267	47 317	9.16	2.13	4	4	0.00	0.00	19 004	24 015	7.06	1.49
Brazil	76 242	98 667	4.94	2.21	1 040	675	0.42	0.15	24 476	32 511	15.47	3.12
Chile	1 291	1 503	0.48	2.60	1 467	1 605	2.50	-1.11	100	96	6.20	1.12
Colombia	1 504	2 592	-0.99	2.18	4 685	4 330	4.88	0.25	87	93	11.21	-0.24
Mexico	24 534	27 144	1.05	1.12	12 900	14 826	6.63	1.17	707	919	23.97	2.65
Paraguay	4 013	4 341	14.45	1.06	7	0	62.09	-0.10	2 838	2 901	19.31	0.90
Peru	1 599	2 014	1.46	2.25	2 244	2 637	5.35	1.31	7	7	-0.86	-0.14
Uruguay	510	470	6.84	0.59	167	138	11.92	-0.18	187	152	48.54	0.18
ASIA and PACIFIC	305 436	338 346	4.27	1.14	48 130	58 386	7.84	2.15	2 795	3 996	-4.95	1.98
Bangladesh	2 700	3 132	15.29	1.18	367	951	6.71	7.32	0	0	0.00	-0.50
China ²	219 742	234 053	4.62	0.94	3 563	6 267	57.24	16.73	7	10	-40.34	8.40
India	24 297	30 584	3.72	1.69	80	48	24.77	0.08	944	1 315	-11.76	-0.60
Indonesia	19 440	23 660	3.28	1.85	2 974	3 717	28.41	1.16	117	76	-1.76	-0.14
Iran	900	1 218	-8.26	3.40	6 094	6 610	9.69	1.00	0	0	0.00	-0.07
Korea	78	88	-0.88	0.74	10 103	10 156	2.94	0.08	0	0	0.00	0.00
Malaysia	57	69	5.81	1.80	3 695	4 396	5.06	1.43	26	35	10.48	-1.41
Pakistan	5 046	6 100	5.30	1.62	10	238	1.72	60.80	57	1	677.15	-34.36
Philippines	7 568	8 913	1.57	1.09	517	231	19.38	-0.15	0	0	0.00	0.01
Saudi Arabia	80	94	-7.74	0.70	3 467	5 293	8.35	3.10	0	0	0.00	-0.22
Thailand	4 652	5 355	1.36	1.52	152	93	-11.75	-7.12	307	510	-8.35	23.05
Turkey	6 250	6 917	6.82	0.78	1 498	2 149	13.05	4.11	72	64	12.18	-0.78
Viet Nam	5 233	6 251	2.39	1.76	7 438	9 457	33.85	0.69	112	89	37.09	-0.27
LEAST DEVELOPED COUNTRIES (LDC)	44 024	54 818	5.61	2.08	2 740	5 339	4.62	4.91	4 128	3 013	11.63	-2.64
OECD³	474 840	518 684	1.67	0.95	57 785	62 064	3.32	0.52	55 849	55 265	-0.12	0.63
BRICS	344 406	394 880	4.77	1.35	6 442	8 033	18.40	10.17	30 905	42 742	12.49	2.72

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

- Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.5.2. Maize projections: Consumption, feed, food

Marketing year

	CONSUMPTION (kt)		Growth (%) ⁴		FEED (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	1 015 089	1 161 155	3.33	1.17	574 074	695 378	2.81	1.64	17.9	19.0	0.65	0.59
DEVELOPED COUNTRIES	447 487	505 127	1.82	0.85	242 279	286 212	0.64	1.44	13.6	13.6	-0.11	0.03
NORTH AMERICA	317 220	359 413	1.73	0.73	143 415	175 535	-0.37	1.56	19.0	18.3	-0.20	-0.28
Canada	12 718	14 827	0.07	0.71	7 136	9 313	-2.57	1.20	44.7	40.9	-1.01	-0.89
United States	304 502	344 586	1.80	0.73	136 280	166 221	-0.24	1.58	16.1	15.7	0.01	-0.11
EUROPE	99 153	112 402	2.57	1.37	78 272	88 125	2.78	1.37	8.2	8.4	0.25	0.25
European Union	74 966	84 970	2.12	1.39	58 633	65 368	2.44	1.31	9.6	9.8	0.09	0.22
Russia	8 573	10 526	10.97	1.74	6 718	8 469	10.91	2.04	1.3	1.5	4.30	0.98
Ukraine	8 257	9 527	4.50	1.21	6 667	8 042	5.13	1.47	10.9	11.6	0.03	0.47
OCEANIA DEVELOPED	738	786	5.32	0.78	482	544	4.89	1.03	3.7	3.3	-0.90	-0.56
Australia	379	438	3.98	1.00	160	226	0.40	1.86	3.2	2.9	-1.37	-0.71
New Zealand	358	348	7.06	0.51	322	319	8.13	0.49	6.3	5.5	0.61	0.01
OTHER DEVELOPED ¹	30 376	32 525	0.46	0.47	20 110	22 008	0.33	0.78	22.1	21.8	-0.72	-0.14
Japan	14 843	14 715	-1.56	-0.15	11 221	11 599	-1.56	0.29	7.5	6.1	-4.25	-2.03
Kazakhstan	657	863	7.59	1.25	567	738	6.83	1.28	0.6	0.5	91.31	-0.88
South Africa	11 602	13 159	2.44	0.97	5 400	6 270	2.73	1.47	89.1	88.8	-0.15	-0.06
DEVELOPING COUNTRIES	567 602	656 028	4.65	1.43	331 795	409 166	4.68	1.78	18.9	20.2	0.74	0.62
AFRICA	76 582	96 757	4.22	2.30	24 960	29 734	5.85	1.63	37.4	39.2	0.74	0.50
NORTH AFRICA	22 361	26 422	3.57	1.45	17 506	20 522	4.55	1.31	24.1	25.2	-0.39	0.61
Algeria	4 153	5 136	8.97	1.83	3 913	4 887	9.70	1.91	3.5	3.2	-0.50	-0.86
Egypt	14 267	16 339	2.16	1.14	10 050	11 137	2.87	0.73	42.8	44.1	-0.62	0.48
SUB-SAHARAN AFRICA	54 221	70 336	4.49	2.63	7 454	9 212	9.57	2.37	39.9	41.6	0.82	0.41
Ethiopia	6 405	8 727	7.64	2.83	1 133	1 339	21.05	1.10	42.8	48.6	1.74	1.32
Ghana	1 731	2 185	4.63	2.25	250	321	14.34	2.48	45.0	46.0	1.05	0.46
Mozambique	1 817	2 469	1.33	2.57	220	293	15.16	1.96	52.4	53.7	-0.34	0.12
Nigeria	10 130	12 209	3.90	2.40	2 000	2 588	10.28	2.65	33.7	33.9	1.15	0.30
Tanzania	5 325	6 964	5.86	2.99	900	1 019	15.48	2.36	68.4	72.0	0.31	0.51
Zambia	2 242	3 135	7.29	2.88	258	384	15.97	3.58	89.0	92.8	1.04	0.37
LATIN AMERICA and CARIBBEAN	138 633	166 839	3.55	1.71	91 456	114 479	4.09	2.08	53.2	53.8	0.55	0.10
Argentina	16 767	23 204	12.26	2.71	11 333	16 656	13.87	3.30	32.9	36.2	2.51	0.19
Brazil	54 806	66 642	3.02	2.19	43 856	54 982	3.18	2.55	23.8	23.8	0.57	-0.02
Chile	2 751	3 009	1.19	0.48	2 211	2 444	0.96	0.50	16.2	16.0	-0.66	-0.02
Colombia	6 067	6 822	3.05	0.98	4 113	4 717	4.44	1.17	39.4	39.2	-0.66	-0.12
Mexico	36 127	41 036	2.32	0.87	17 125	19 827	3.23	0.74	141.4	140.1	0.17	0.00
Paraguay	1 049	1 410	8.21	1.24	434	731	20.78	1.50	55.0	54.2	0.22	-0.02
Peru	3 860	4 630	4.24	1.71	2 941	3 616	4.48	1.97	18.1	18.0	-0.47	-0.13
Uruguay	425	451	1.24	0.14	267	287	0.86	0.00	31.5	31.3	-0.39	-0.02
ASIA and PACIFIC	352 386	392 432	5.21	1.11	215 380	264 953	4.82	1.67	8.7	9.0	0.08	0.21
Bangladesh	3 167	4 080	14.04	2.30	1 783	2 443	15.44	2.88	4.3	4.8	3.47	0.95
China ²	225 559	240 229	5.43	0.91	140 167	173 006	4.76	1.70	6.2	6.2	-1.86	0.01
India	23 133	29 265	5.28	1.78	8 667	11 887	8.36	2.80	7.1	7.2	0.13	0.13
Indonesia	22 663	27 258	5.15	1.75	7 500	9 901	5.61	2.65	28.9	29.4	0.50	0.24
Iran	6 528	7 796	4.24	1.22	6 303	7 546	4.36	1.23	0.9	0.9	-1.23	0.07
Korea	10 091	10 247	2.83	0.09	7 812	7 858	2.54	0.00	1.9	1.9	-0.70	-0.13
Malaysia	3 746	4 429	4.96	1.46	3 578	4 242	5.19	1.48	1.6	1.6	-1.23	-0.06
Pakistan	5 132	6 317	6.26	1.88	2 317	3 140	7.16	2.61	8.1	8.2	1.20	0.20
Philippines	8 095	9 138	2.01	1.05	5 250	5 759	0.65	0.81	19.0	19.6	1.85	0.06
Saudi Arabia	3 530	5 385	7.63	3.08	3 324	5 171	6.96	3.21	0.2	0.2	-2.32	-0.02
Thailand	4 396	4 939	1.85	0.29	3 961	4 507	1.78	0.31	1.3	1.2	-0.32	-0.06
Turkey	7 676	8 984	7.20	1.48	5 813	6 919	8.61	1.65	16.1	15.9	0.76	-0.06
Viet Nam	12 192	15 596	11.86	1.07	9 355	11 529	10.47	1.04	6.1	6.7	2.36	0.60
LEAST DEVELOPED COUNTRIES (LDC)	43 164	56 888	5.53	2.63	9 029	11 293	9.80	2.29	27.5	30.6	1.42	0.94
OECD³	466 349	525 305	1.81	0.82	248 568	292 153	0.71	1.34	24.6	25.3	0.36	0.30
BRICS	323 673	359 821	4.98	1.23	204 807	254 615	4.62	1.93	9.0	9.1	-0.39	0.10

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.6.1. Other coarse grain projections: Production and trade

Marketing year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	301 396	331 819	0.31	1.05	43 116	46 119	6.30	2.13	49 170	51 173	5.12	1.90
DEVELOPED COUNTRIES	188 931	195 456	-0.02	0.58	6 401	6 463	-5.00	0.55	42 568	43 370	4.92	2.00
NORTH AMERICA	29 738	28 646	-1.01	1.01	1 941	1 996	-1.98	-0.23	12 528	11 662	1.39	1.96
Canada	11 669	12 544	-2.76	0.70	134	109	7.27	-3.59	4 345	4 530	-2.70	1.15
United States	18 068	16 102	0.30	1.25	1 807	1 887	-2.43	0.02	8 183	7 132	4.52	2.52
EUROPE	139 084	144 948	-0.18	0.43	1 207	1 662	-9.50	4.56	21 345	22 615	7.14	2.33
European Union	94 151	95 334	0.04	0.25	548	883	-13.62	6.34	12 040	11 186	9.35	2.48
Russia	26 704	28 656	-0.46	0.63	100	250	-2.30	10.11	4 377	4 536	9.42	2.68
Ukraine	10 845	12 644	-0.65	1.04	10	20	-14.48	0.06	4 845	6 362	5.69	1.68
OCEANIA DEVELOPED	14 150	15 023	2.48	1.42	26	19	101.07	-0.34	8 038	8 339	7.97	1.39
Australia	13 698	14 485	2.53	1.40	0	0	..	..	8 037	8 339	8.00	1.39
New Zealand	452	538	0.92	1.89	26	19	101.07	-0.34	0	0	-23.86	0.00
OTHER DEVELOPED ¹	5 958	6 839	3.87	0.38	3 228	2 787	-1.95	-0.82	657	754	1.19	0.02
Japan	209	214	-0.79	0.15	2 185	1 874	-3.98	-1.19	0	0	0.00	..
Kazakhstan	3 022	3 511	2.43	0.50	20	10	-14.60	0.03	634	742	1.78	0.00
South Africa	546	572	0.96	1.46	152	157	3.27	-1.71	22	12	-10.21	1.34
DEVELOPING COUNTRIES	112 465	136 363	0.98	1.76	36 715	39 657	10.50	2.42	6 602	7 803	6.28	1.37
AFRICA	50 657	63 005	2.21	1.99	4 304	6 223	9.41	3.09	2 802	2 022	12.60	-4.52
NORTH AFRICA	4 657	5 203	-0.08	1.97	3 337	4 549	14.61	1.58	0	0	0.00	-0.09
Algeria	1 253	1 664	2.51	2.69	895	1 223	33.10	2.56	0	0	0.00	-0.18
Egypt	812	962	-2.47	1.67	88	61	18.56	-0.36	0	0	0.00	0.03
SUB-SAHARAN AFRICA	46 000	57 803	2.47	1.99	967	1 674	-0.53	8.93	2 802	2 022	12.60	-4.52
Ethiopia	11 818	15 774	6.92	2.93	36	0	-54.50	-0.10	1 617	1 256	41.68	-0.64
Ghana	420	522	-2.35	1.71	0	0	-66.84	0.38	20	18	181.38	-4.75
Mozambique	262	236	-7.22	0.65	0	115	-43.58	82.45	0	0	0.00	-45.67
Nigeria	7 683	9 536	-1.31	1.83	20	22	0.00	0.74	100	76	-2.37	-1.98
Tanzania	1 195	1 511	2.41	2.25	5	65	-2.50	34.38	0	0	6.33	-33.66
Zambia	46	58	-1.97	2.48	0	1	-54.83	63.67	0	0	0.00	-44.49
LATIN AMERICA and CARIBBEAN	20 548	25 181	2.85	2.04	3 057	3 232	-1.77	0.44	3 288	5 270	5.84	5.04
Argentina	7 714	9 808	8.00	2.82	1	1	-3.71	0.00	3 107	4 840	6.74	5.12
Brazil	2 742	3 445	3.08	2.31	493	487	4.12	2.40	26	27	1.01	0.47
Chile	680	846	6.43	1.62	725	613	10.82	-1.19	50	59	5.75	1.19
Colombia	20	37	-22.57	1.63	1 065	1 191	17.01	1.20	0	0	0.00	-0.09
Mexico	7 367	8 503	-0.25	1.35	535	696	-17.15	-1.25	1	0	-1.35	0.37
Paraguay	31	37	-0.20	1.58	0	0	0.00	-0.22	2	3	0.00	2.97
Peru	264	315	1.54	1.62	120	114	-0.02	-0.61	0	0	0.00	0.04
Uruguay	583	871	0.65	1.66	5	5	42.36	2.74	90	328	-0.14	6.35
ASIA and PACIFIC	41 260	48 176	-1.08	1.33	29 354	30 201	13.22	2.52	511	511	-5.92	0.87
Bangladesh	77	93	21.31	1.96	0	0	-8.80	5.31	0	0	0.00	-5.04
China ²	8 564	9 550	-2.80	1.04	14 803	13 464	37.33	4.16	79	92	-14.55	1.05
India	17 608	21 167	-2.03	1.47	9	5	73.75	-0.14	417	398	1.99	0.87
Indonesia	0	0	0.00	1.65	95	91	9.31	0.77	0	0	0.00	-0.77
Iran	2 943	3 252	2.93	1.49	1 549	1 946	9.88	2.08	0	0	0.00	-0.15
Korea	95	112	-8.01	1.41	117	108	4.29	-0.46	0	0	0.00	0.00
Malaysia	0	0	0.00	0.01	0	0	0.00	1.46	0	0	0.00	-1.44
Pakistan	614	702	1.61	1.42	154	309	82.76	3.76	0	0	0.00	-0.26
Philippines	0	0	-56.95	1.66	37	40	1.48	0.76	0	0	0.00	-0.76
Saudi Arabia	292	302	0.83	0.04	9 692	11 234	5.02	1.32	0	0	0.00	-0.09
Thailand	166	196	-0.33	1.47	24	6	0.00	-13.18	2	3	0.00	2.76
Turkey	7 687	9 342	0.64	1.50	541	288	13.51	0.42	7	12	-8.45	0.01
Viet Nam	2	2	3.30	1.69	75	78	9.63	1.00	0	0	0.00	-0.99
LEAST DEVELOPED COUNTRIES (LDC)	37 485	47 338	3.36	2.00	737	1 214	-2.28	9.47	2 682	1 928	13.74	-4.62
OECD³	155 045	158 968	0.06	0.62	7 743	7 686	-5.44	0.09	32 664	31 258	5.25	1.98
BRICS	56 164	63 391	-1.27	1.06	15 557	14 363	31.08	4.08	4 920	5 064	5.86	2.48

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.6.2. Other coarse grain projections: Consumption, feed, food

Marketing year

	CONSUMPTION (kt)		Growth (%) ⁴		FEED (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	292 542	326 454	0.34	1.02	165 054	181 974	0.32	1.07	10.3	11.1	-0.22	0.77
DEVELOPED COUNTRIES	150 106	158 645	-1.36	0.17	104 087	112 186	-1.73	0.54	7.9	7.6	-0.60	-0.11
NORTH AMERICA	18 960	18 983	-2.21	0.02	10 326	10 385	-5.31	0.13	3.6	3.3	0.04	-0.48
Canada	7 574	8 112	-2.48	0.24	6 612	7 172	-2.90	0.24	9.4	8.4	2.62	0.06
United States	11 385	10 871	-2.05	-0.15	3 714	3 212	-8.60	-0.12	2.9	2.7	-0.79	-0.69
EUROPE	117 147	124 000	-1.32	0.14	84 570	91 198	-1.29	0.57	11.4	10.9	-0.69	0.09
European Union	82 080	85 033	-1.00	-0.03	60 033	62 844	-1.36	0.53	9.4	9.5	0.21	0.26
Russia	21 999	24 377	-1.72	0.42	15 214	17 551	-0.66	0.53	14.4	11.7	-1.84	-0.45
Ukraine	6 065	6 294	-3.26	0.56	3 983	4 216	-2.57	0.89	19.5	20.1	-1.82	0.45
OCEANIA DEVELOPED	5 621	6 703	-2.81	0.80	3 745	4 820	-2.54	1.05	9.3	8.6	-7.05	-0.71
Australia	5 140	6 146	-3.19	0.71	3 318	4 329	-3.25	0.96	8.8	7.8	-5.60	-1.00
New Zealand	480	557	2.19	1.80	427	491	4.95	1.87	11.9	13.3	-18.83	0.40
OTHER DEVELOPED ¹	8 379	8 959	1.27	0.59	5 446	5 784	0.35	0.41	4.2	4.8	2.87	0.28
Japan	2 664	2 094	-3.16	-0.87	1 897	1 495	-4.64	-1.47	3.7	3.9	0.79	0.50
Kazakhstan	2 423	2 777	2.51	0.69	1 580	1 823	3.28	0.51	2.6	2.6	-1.46	-0.05
South Africa	668	716	2.03	0.55	39	54	-1.64	0.97	3.9	4.0	-2.33	-0.05
DEVELOPING COUNTRIES	142 436	167 810	2.46	1.89	60 967	69 787	5.03	2.00	10.8	11.9	-0.19	0.85
AFRICA	51 634	66 983	2.09	2.29	7 197	8 990	4.70	2.13	33.6	34.3	-0.34	0.16
NORTH AFRICA	8 177	9 733	4.17	1.70	5 228	6 592	6.20	2.19	13.8	12.6	-0.65	-0.70
Algeria	2 298	2 879	6.03	2.57	1 665	2 149	9.40	3.01	15.1	15.0	-0.84	0.10
Egypt	900	1 022	-1.62	1.47	545	592	-3.12	1.13	3.2	3.3	-0.62	0.47
SUB-SAHARAN AFRICA	43 457	57 250	1.75	2.40	1 970	2 398	1.52	1.96	37.4	37.9	-0.43	0.10
Ethiopia	10 103	14 462	4.93	3.19	573	694	15.38	1.50	83.0	95.5	1.45	1.32
Ghana	400	504	-3.39	2.05	27	35	-2.20	2.23	10.3	10.7	-6.53	0.42
Mozambique	293	351	-3.68	4.47	0	0	0.00	5.26	10.1	9.1	-6.19	1.94
Nigeria	7 603	9 480	-1.66	1.86	411	482	-0.30	2.06	36.4	34.6	-1.57	-0.47
Tanzania	1 234	1 571	2.86	2.55	69	76	4.59	0.63	19.6	18.8	-0.29	-0.10
Zambia	46	59	-5.03	2.57	0	0	0.00	1.47	2.4	2.4	-8.86	-0.13
LATIN AMERICA and CARIBBEAN	20 084	23 072	1.53	1.31	14 779	17 114	0.80	1.41	4.0	4.1	0.36	0.31
Argentina	4 507	4 962	8.63	0.94	2 909	3 257	7.87	1.14	15.8	16.6	1.17	0.40
Brazil	3 304	3 897	3.70	2.61	1 877	2 275	3.53	3.55	2.8	3.0	1.87	0.26
Chile	1 355	1 400	8.33	0.28	1 175	1 197	10.65	0.11	2.1	2.0	-0.49	-0.02
Colombia	1 085	1 228	12.21	1.22	721	833	19.86	1.49	1.5	1.5	-1.02	-0.12
Mexico	7 935	9 192	-2.50	1.13	7 182	8 342	-2.88	1.10	5.9	5.9	0.34	0.36
Paraguay	29	34	-0.21	1.45	27	31	-0.22	1.51	0.0	0.0	-1.33	-0.02
Peru	386	429	1.20	0.97	25	30	0.89	1.97	6.1	6.1	0.06	0.09
Uruguay	409	542	-1.53	0.40	184	214	1.19	-0.03	1.2	1.2	-0.68	-0.01
ASIA and PACIFIC	70 718	77 755	3.02	1.74	38 990	43 683	7.21	2.20	5.7	5.9	-1.50	0.26
Bangladesh	77	93	21.31	1.96	0	0	0.00	2.53	0.5	0.5	19.89	0.92
China ²	23 224	22 872	9.44	2.76	13 103	13 965	32.29	4.44	3.5	3.2	0.13	-0.70
India	17 683	20 768	-1.43	1.47	582	646	6.69	3.08	12.4	13.0	-2.31	0.34
Indonesia	95	91	9.31	0.77	0	0	0.00	2.22	0.4	0.3	7.91	-0.17
Iran	4 375	5 184	3.80	1.56	4 198	4 992	4.09	1.59	0.3	0.3	-1.23	-0.80
Korea	213	220	-2.62	0.45	65	58	-2.46	-0.01	2.9	3.1	-3.18	0.31
Malaysia	0	0	0.00	1.23	0	0	0.00	1.42	0.0	0.0	-1.55	-0.06
Pakistan	768	1 010	4.73	2.08	195	199	0.00	-0.04	2.8	3.3	5.26	0.98
Philippines	37	40	1.38	0.76	30	32	1.85	0.61	0.0	0.0	-1.71	0.04
Saudi Arabia	10 018	11 504	4.29	1.00	9 822	11 304	4.40	1.01	2.9	2.4	-2.32	-1.44
Thailand	188	199	-0.29	0.49	53	61	-0.46	1.24	1.5	1.5	-0.62	-0.10
Turkey	8 390	9 603	0.53	1.45	7 301	8 455	0.68	1.58	3.7	3.7	-1.08	-0.06
Viet Nam	77	81	9.37	1.02	0	0	0.00	1.55	0.1	0.0	7.44	0.57
LEAST DEVELOPED COUNTRIES (LDC)	34 791	46 441	2.52	2.51	1 718	2 149	0.68	1.96	29.1	31.4	0.27	0.63
OECD³	129 309	135 386	-1.22	0.19	93 560	99 486	-1.83	0.60	6.3	6.2	-0.39	0.08
BRICS	66 879	72 629	1.46	1.53	30 814	34 492	6.04	2.19	7.7	7.9	-1.56	0.29

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.7.1. Rice projections: Production and trade

Marketing year

	PRODUCTION (kt)		Growth (%) ⁵		IMPORTS (kt)		Growth (%) ⁵		EXPORTS (kt)		Growth (%) ⁵	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	494 853	560 919	1.42	1.14	43 582	50 768	4.67	2.03	44 013	51 200	5.14	2.01
DEVELOPED COUNTRIES	18 094	18 646	0.58	0.57	5 309	5 862	2.29	0.81	4 240	4 950	1.75	1.64
NORTH AMERICA	6 729	7 160	0.07	1.07	1 159	1 358	1.85	1.69	3 319	3 903	0.17	1.36
Canada	0	0	..	..	399	440	1.38	0.81	0	0	..	..
United States	6 729	7 160	0.07	1.07	760	918	2.15	2.14	3 319	3 903	0.17	1.36
EUROPE	2 528	2 640	1.12	0.45	1 845	2 044	3.24	0.96	442	450	12.25	0.96
European Union	1 733	1 725	0.15	0.10	1 304	1 461	4.16	1.01	255	251	9.67	0.36
Russia	735	836	4.66	1.12	223	260	-0.33	2.09	180	191	22.90	1.82
Ukraine	40	55	-7.70	1.16	81	72	1.06	-1.13	1	2	-9.11	0.69
OCEANIA DEVELOPED	391	547	33.72	4.42	211	232	-0.44	0.21	312	400	22.21	6.35
Australia	391	547	33.72	4.42	165	182	-0.99	0.08	312	400	22.21	6.35
New Zealand	0	0	..	..	47	50	1.83	0.69	0	0	..	..
OTHER DEVELOPED ¹	8 446	8 299	0.25	0.00	2 094	2 228	2.06	0.23	168	197	-1.29	2.08
Japan	7 862	7 631	0.01	-0.11	780	752	0.03	-0.42	101	134	-5.45	2.40
Kazakhstan	277	289	5.04	0.95	27	33	7.18	-1.48	66	63	15.36	1.50
South Africa	2	2	0.00	1.41	828	950	2.39	0.65	0	0	0.00	-0.65
DEVELOPING COUNTRIES	476 760	542 273	1.45	1.16	38 273	44 906	5.05	2.21	39 773	46 250	5.56	2.06
AFRICA	19 207	24 014	3.43	1.56	13 590	19 914	6.17	4.06	604	573	-1.56	-5.01
NORTH AFRICA	4 264	4 986	-0.34	1.09	493	664	4.83	1.81	399	419	-2.00	-4.35
Algeria	1	1	0.00	1.76	115	146	4.33	1.52	0	0	4.34	-1.50
Egypt	4 239	4 958	-0.34	1.09	102	198	19.83	2.34	398	419	-1.96	-4.35
SUB-SAHARAN AFRICA	14 943	19 027	4.93	1.69	13 097	19 250	6.21	4.14	205	154	3.60	-6.63
Ethiopia	85	105	7.13	1.56	256	382	34.72	3.80	0	0	-25.62	-0.27
Ghana	387	472	12.70	1.45	668	931	6.05	2.36	0	0	-37.51	-0.17
Mozambique	239	196	7.68	1.12	563	883	6.09	3.27	1	1	39.32	-0.32
Nigeria	2 920	3 687	4.49	2.03	2 743	3 491	5.55	3.42	0	0	0.00	-0.24
Tanzania	1 956	2 539	10.40	1.05	190	637	26.63	16.58	59	35	3.30	-13.98
Zambia	23	24	1.62	1.67	17	36	5.64	4.84	0	0	17.46	-0.78
LATIN AMERICA and CARIBBEAN	18 382	20 613	0.76	1.00	4 158	4 249	2.69	0.50	3 210	3 804	5.86	1.40
Argentina	1 029	1 278	3.24	2.50	7	8	-2.96	0.00	451	679	-0.47	2.46
Brazil	7 973	8 384	-0.41	0.46	593	570	-0.12	0.51	825	923	11.56	0.92
Chile	106	136	4.70	1.35	122	112	0.37	0.21	4	2	30.20	-0.16
Colombia	1 473	1 927	-0.44	0.85	222	32	22.04	-5.94	0	0	-64.90	0.44
Mexico	158	146	-1.36	-0.28	878	1 024	1.11	1.38	2	2	-21.36	0.00
Paraguay	560	766	24.31	2.78	1	1	3.58	-0.23	444	666	27.88	3.04
Peru	2 087	2 517	2.08	1.28	252	158	14.11	-2.86	3	11	-45.73	0.24
Uruguay	945	1 080	1.28	1.15	1	1	19.55	-0.12	834	979	0.63	1.21
ASIA and PACIFIC	439 171	497 646	1.40	1.15	20 525	20 743	4.87	1.03	35 960	41 873	5.75	2.26
Bangladesh	34 855	41 047	2.43	1.51	739	281	-8.72	6.82	13	0	-54.65	-1.27
China ²	141 947	145 438	1.19	0.33	5 824	4 906	48.12	0.87	360	425	-12.89	1.32
India	106 250	126 062	1.58	1.48	1	1	42.76	-0.06	10 854	10 199	20.62	0.85
Indonesia	45 120	52 007	2.47	1.44	1 183	872	7.13	-4.97	0	1	-7.16	0.74
Iran	1 709	2 035	2.00	1.56	941	1 137	-2.20	0.20	0	0	-40.20	-0.01
Korea	4 255	3 729	-1.25	-1.03	412	460	6.00	1.23	3	2	-24.66	0.00
Pakistan	6 818	8 065	1.50	2.21	41	39	5.39	-0.27	4 101	4 561	3.54	1.82
Philippines	11 969	14 872	1.55	1.97	1 557	1 247	-5.91	-1.39	1	1	11.67	0.10
Thailand	20 534	26 772	-0.60	1.85	255	294	-2.20	2.11	10 117	12 305	0.07	3.23
Turkey	534	605	3.19	0.79	248	262	-0.08	0.20	36	26	13.76	-0.20
Viet Nam	28 989	33 332	2.37	1.03	528	721	0.39	4.61	7 553	9 628	5.47	1.60
LDC Asia ³	28 411	34 817	-0.19	1.85	1 618	1 750	8.50	3.55	2 782	4 630	9.18	5.66
LEAST DEVELOPED COUNTRIES (LDC)	74 280	90 086	1.65	1.66	9 623	13 390	4.63	4.78	2 965	4 762	8.74	4.99
OECD⁴	21 768	21 680	0.08	0.23	5 389	5 986	2.06	0.96	4 031	4 720	1.05	1.63
BRICS	256 907	280 723	1.30	0.84	7 470	6 686	21.42	0.85	12 219	11 738	15.71	0.89

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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 Leste, Maldives.
4. Excludes Iceland but includes all EU28 member countries.
5. Least-squares growth rate (see glossary).

Source: OECD/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.7.2. Rice projections: Consumption, food

Marketing year

	CONSUMPTION (kt)		Growth (%) ⁵		FOOD (kg/cap)		Growth (%) ⁵	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	494 700	560 138	1.65	1.10	54.4	54.8	0.06	0.06
DEVELOPED COUNTRIES	19 146	19 336	0.59	0.01	12.4	12.1	-0.33	-0.26
NORTH AMERICA	4 376	4 602	-0.08	0.53	12.2	11.9	-0.90	-0.17
Canada	399	440	1.38	0.81	11.1	11.2	0.31	0.01
United States	3 977	4 162	-0.23	0.50	12.4	12.0	-1.01	-0.19
EUROPE	3 879	4 233	1.04	0.56	5.2	5.7	0.93	0.59
European Union	2 727	2 936	1.03	0.48	5.4	5.8	0.86	0.42
Russia	767	902	1.29	1.03	5.4	6.4	1.26	1.24
Ukraine	127	124	-2.35	-0.16	2.8	2.9	-1.89	0.40
OCEANIA DEVELOPED	339	380	5.32	1.11	11.9	11.7	3.75	-0.01
Australia	292	329	5.99	1.18	12.2	12.0	4.27	0.01
New Zealand	47	50	1.83	0.69	10.3	10.1	1.02	-0.14
OTHER DEVELOPED ¹	10 553	10 120	0.59	-0.47	32.2	29.1	-1.03	-0.92
Japan	8 667	8 043	0.00	-0.78	55.3	51.5	-1.16	-0.67
Kazakhstan	222	259	2.86	0.98	11.4	11.7	1.23	0.02
South Africa	917	952	3.43	0.65	16.4	15.8	2.19	0.01
DEVELOPING COUNTRIES	475 554	540 803	1.70	1.14	64.3	63.9	-0.07	-0.06
AFRICA	32 118	43 176	4.77	2.75	24.9	26.3	2.19	0.50
NORTH AFRICA	4 307	5 215	0.84	1.73	21.5	22.5	-0.34	0.37
Algeria	115	147	4.42	1.52	2.8	3.1	2.57	0.17
Egypt	3 914	4 723	0.73	1.75	38.7	39.3	-0.71	0.14
SUB-SAHARAN AFRICA	27 811	37 961	5.51	2.90	25.6	27.0	2.66	0.49
Ethiopia	329	485	22.37	3.21	3.1	3.6	20.45	1.01
Ghana	1 048	1 395	7.59	2.15	35.0	37.5	4.43	0.21
Mozambique	786	1 073	6.38	2.89	25.5	26.3	3.14	0.33
Nigeria	5 697	7 155	4.86	2.67	27.8	27.7	2.40	0.34
Tanzania	1 991	3 114	10.57	3.36	28.4	33.6	6.02	1.00
Zambia	41	60	3.85	3.50	2.4	2.6	1.12	0.51
LATIN AMERICA and CARIBBEAN	19 306	21 029	0.46	0.90	28.7	28.3	-0.76	0.01
Argentina	532	604	5.09	1.66	10.2	11.4	3.74	1.00
Brazil	7 914	8 028	-0.77	0.57	38.1	35.8	-1.69	-0.10
Chile	218	246	1.57	0.87	11.7	11.9	0.34	0.01
Colombia	1 613	1 953	0.19	0.97	31.2	33.4	-0.96	0.22
Mexico	1 039	1 167	1.58	1.17	8.2	8.1	0.14	0.10
Paraguay	105	100	12.49	1.21	6.5	6.6	0.59	0.13
Peru	2 304	2 659	2.86	1.09	65.4	66.2	1.32	-0.02
Uruguay	88	102	-3.67	0.78	8.1	8.5	-5.58	0.02
ASIA and PACIFIC	424 130	476 598	1.55	1.02	80.3	81.5	0.01	0.11
Bangladesh	35 648	41 235	2.19	1.43	180.9	186.4	1.01	0.28
China ²	141 978	150 744	1.60	0.32	77.8	78.0	0.00	-0.03
India	97 730	115 637	1.34	1.55	68.9	72.3	0.04	0.44
Indonesia	46 403	52 759	2.74	1.27	135.0	136.9	0.07	0.14
Iran	2 833	3 169	0.22	1.02	32.9	33.4	-0.59	0.18
Korea	4 431	4 188	-0.73	-1.33	63.5	53.3	-2.57	-1.43
Pakistan	2 715	3 521	-0.11	2.60	11.6	12.8	-1.68	1.00
Philippines	13 300	16 064	0.78	1.67	116.9	118.3	-0.05	0.14
Thailand	14 455	14 695	2.77	0.79	102.3	103.6	0.16	0.00
Turkey	771	840	2.51	0.66	9.3	9.3	0.87	-0.02
Viet Nam	21 757	24 396	1.48	0.88	159.4	154.6	-0.67	-0.32
LDC Asia ³	27 283	31 847	-0.41	1.46	114.2	112.1	0.04	-0.16
LEAST DEVELOPED COUNTRIES (LDC)	81 015	98 417	1.85	1.83	66.6	63.7	0.35	-0.41
OECD⁴	22 854	22 726	0.22	-0.26	15.2	14.2	-0.99	-0.58
BRICS	249 306	276 263	1.42	0.83	66.9	68.5	-0.03	0.20

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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 Leste, Maldives.
4. Excludes Iceland but includes all EU28 member countries.
5. Least-squares growth rate (see glossary).

Source: OECD/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.8. Main policy assumptions for cereal markets

Marketing year

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
ARGENTINA												
Crops export tax	%	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rice export tax	%	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CANADA												
Tariff-quotas ¹												
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 UNION²												
Voluntary coupled support												
Wheat ³	mIn EUR	58.7	90.7	90.0	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7
Rice ⁴	mIn EUR	37.7	56.1	55.9	55.7	55.6	55.6	55.6	55.6	55.6	55.6	55.6
Cereal reference price ⁵	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 payments ceilings ⁶	bln EUR	41.6	41.5	41.6	41.6	42.2	42.3	42.3	42.3	42.3	42.3	42.3
Rice reference price ⁷	EUR/t	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
Wheat tariff-quota ¹	kt	4 442.0	4 503.2	4 513.2	4 523.2	4 523.2	4 523.2	4 523.2	4 523.2	4 523.2	4 523.2	4 523.2
Coarse grain tariff-quota ¹	kt	4 179.4	4 296.9	4 368.2	4 439.5	4 460.8	4 461.8	4 462.8	4 463.8	4 464.8	4 465.8	4 466.8
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	%	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
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	%	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Out-of-quota tariff	%	304.7	304.7	304.7	304.7	304.7	304.7	304.7	304.7	304.7	304.7	304.7
Barley tariff-quota	kt	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
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	%	271.4	271.4	271.4	271.4	271.4	271.4	271.4	271.4	271.4	271.4	271.4
Rice quota ⁸	kt	401.9	408.7	408.7	408.7	408.7	408.7	408.7	408.7	408.7	408.7	408.7
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 ⁹	%	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	%	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
UNITED STATES												
ARC participation rate												
Wheat	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Coarse grains	%	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
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
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	%	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	%	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
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

Table A.8. Main policy assumptions for cereal markets (cont.)

Marketing year

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
INDIA												
Minimum support price												
Rice	INR/t	14 276	15 822	16 424	17 080	17 727	18 381	19 067	19 779	20 553	21 293	22 092
Wheat	INR/t	15 128	16 997	17 973	18 755	19 501	20 276	21 138	22 051	23 071	24 041	25 005
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	%	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
Rice tariff	%	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
Russia												
Wheat ad valorem import tax	%	3.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Rice tariff equivalent of import barriers	%	12.2	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Coarse grains tariff equivalent of import barriers	%	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse grain specific tariff	RUB/t	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse grain ad valorem import tax	%	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Average 2014-16est: Data for 2016 are estimated.

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

1. Year beginning 1 July.
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 accounts 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. Mainly for durum wheat. Implemented in 6 Member States.
4. Implemented in 6 Member States.
5. 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.
6. Estimated net amounts for all direct payments based on Annex II of EU Regulation No 1307/2013, accounting for the transfers between direct aids and rural development envelopes.
7. Intervention is set at zero tonnes per marketing year. However, the Commission may initiate intervention if market requires.
8. Milled rice basis.
9. Applied by Brazil only.

Source: OECD/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.9.1. Soybean projections: Production and trade

Marketing year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	325 633	401 320	4.87	1.91	135 658	176 995	7.51	2.12	136 978	176 995	7.70	2.12
DEVELOPED COUNTRIES	127 327	141 146	5.24	1.15	21 510	22 474	1.10	0.77	58 891	66 068	6.40	0.68
NORTH AMERICA	116 610	126 755	4.60	1.03	1 043	938	8.10	0.09	55 850	61 853	5.82	0.58
Canada	6 294	7 351	9.99	2.15	299	251	-1.87	0.07	4 101	5 061	11.39	2.68
United States	110 316	119 404	4.35	0.96	744	686	14.49	0.10	51 749	56 792	5.46	0.41
EUROPE	9 286	12 298	16.79	2.13	16 336	17 531	1.40	0.96	3 031	4 199	33.18	2.38
European Union	2 079	2 430	12.17	0.88	13 638	14 418	-0.27	0.81	121	71	12.73	0.08
Russia	2 769	3 700	18.88	2.04	2 114	2 544	28.17	2.04	463	200	93.60	-10.34
Ukraine	3 967	5 674	23.38	2.95	10	10	32.37	0.07	2 440	3 921	32.72	3.60
OCEANIA DEVELOPED	44	63	-1.61	1.54	2	2	-1.21	0.43	5	10	11.22	4.09
Australia	44	63	-1.61	1.54	1	1	-2.36	0.94	5	10	11.22	4.09
New Zealand	0	0	..	..	1	1	0.00	0.00	0	0	0.00	0.00
OTHER DEVELOPED ¹	1 387	2 030	11.18	3.30	4 130	4 004	-1.56	0.17	6	7	-22.11	-0.02
Japan	244	244	0.27	-0.44	3 170	2 951	-2.64	0.09	0	0	..	0.00
Kazakhstan	219	254	14.74	1.40	10	3	-15.94	-11.01	0	0	-59.85	1.03
South Africa	920	1 530	16.25	4.43	172	250	29.76	0.17	6	7	-4.20	-0.02
DEVELOPING COUNTRIES	198 307	260 174	4.65	2.36	114 148	154 521	9.22	2.33	78 086	110 927	8.80	3.09
AFRICA	1 272	1 426	1.82	1.15	3 035	3 944	4.71	1.40	46	27	1.60	-0.75
NORTH AFRICA	70	78	2.16	0.99	2 946	3 835	4.68	1.33	17	0	75.65	-1.19
Algeria	0	0	0.00	1.77	313	458	24.81	3.35	0	0	0.00	-3.24
Egypt	40	48	5.41	1.71	1 560	2 185	0.79	1.20	17	0	89.90	-1.19
SUB-SAHARAN AFRICA	1 202	1 348	1.81	1.16	89	109	5.59	4.22	29	27	-3.33	-0.75
Ethiopia	71	84	21.93	1.65	17	45	27.75	6.33	0	0	0.00	-0.44
Ghana	0	0	0.00	1.60	0	0	0.00	0.83	0	0	0.00	-0.83
Mozambique	0	0	0.00	1.64	0	0	0.00	1.17	0	0	0.00	-1.16
Nigeria	650	700	0.14	0.76	10	0	47.01	82.28	1	0	-37.23	-46.83
Tanzania	2	2	0.00	-0.12	6	6	0.00	0.11	0	0	0.00	-0.11
Zambia	13	13	0.00	0.00	5	5	0.00	0.10	0	0	0.00	-0.01
LATIN AMERICA and CARIBBEAN	174 153	228 373	5.75	2.46	7 340	7 728	3.29	0.51	77 496	110 386	8.89	3.11
Argentina	59 320	70 064	3.58	2.06	0	0	..	..	14 179	16 459	4.63	1.99
Brazil	99 390	137 278	6.94	2.65	828	806	38.04	-0.25	55 105	82 808	11.38	3.36
Chile	0	0	0.00	1.54	350	378	7.04	0.59	2	2	-2.19	-0.59
Colombia	70	77	1.00	1.00	800	915	8.26	0.99	33	0	29.50	-0.98
Mexico	356	346	16.23	0.17	4 049	4 744	1.69	1.15	0	0	4.16	0.00
Paraguay	9 217	12 414	6.39	2.61	2	0	-54.90	-0.11	5 077	7 065	2.87	3.05
Peru	5	5	5.08	0.00	362	416	23.36	0.74	0	0	0.00	-0.74
Uruguay	2 957	3 909	13.57	2.62	1	1	-13.53	-0.46	2 937	3 859	14.10	2.64
ASIA and PACIFIC	22 882	30 375	-1.38	1.63	103 772	142 849	9.93	2.46	544	514	1.79	-0.15
Bangladesh	68	77	1.71	1.02	931	1 411	31.65	3.33	0	0	0.00	-0.23
China ²	12 185	15 803	-2.30	1.37	84 360	117 156	10.22	2.64	300	300	-3.09	0.00
India	8 667	12 231	-0.36	2.03	1	1	0.00	-0.22	35	54	3.41	3.49
Indonesia	918	1 099	2.59	2.00	2 361	3 055	7.62	2.06	2	2	353.01	-0.18
Iran	180	202	-2.00	1.31	1 752	2 226	8.80	1.10	97	60	62.25	-1.09
Korea	117	134	-0.63	0.48	1 350	1 477	1.67	0.61	0	0	..	..
Malaysia	0	0	0.00	1.34	697	820	2.82	0.58	30	27	9.20	-0.58
Pakistan	6	6	-9.07	1.49	1 183	2 319	26.61	1.94	0	0	0.00	-1.90
Philippines	1	1	0.00	0.01	111	153	13.11	1.82	0	0	0.00	-1.79
Saudi Arabia	0	0	0.00	1.62	500	511	857.31	0.22	0	0	0.00	-0.22
Thailand	53	62	-16.47	1.60	2 551	3 134	5.74	1.32	17	17	14.40	-1.30
Turkey	153	177	22.92	1.03	2 299	3 312	7.99	2.79	30	26	590.80	-2.72
Viet Nam	151	131	-7.87	-1.63	1 648	2 322	51.09	1.92	1	1	64.14	-0.24
LEAST DEVELOPED COUNTRIES (LDC)	630	738	1.78	1.57	1 124	1 984	28.16	3.78	11	7	0.00	-3.71
OECD³	119 614	130 159	4.72	1.02	27 103	29 441	0.81	0.93	56 008	61 961	5.84	0.57
BRICS	123 930	170 542	5.23	2.48	87 475	120 757	10.57	2.60	55 909	83 369	11.30	3.29

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.9.2. Soybean projections: Consumption, domestic crush

Marketing year

	CONSUMPTION (kt)		Growth (%) ⁴		DOMESTIC CRUSH (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	322 207	401 113	4.68	1.81	288 060	361 414	4.76	1.88
DEVELOPED COUNTRIES	86 707	97 079	2.08	1.09	77 679	88 195	1.83	1.18
NORTH AMERICA	58 814	65 321	1.73	1.04	53 464	60 041	1.31	1.10
Canada	2 479	2 542	5.10	0.92	1 853	2 014	4.69	0.86
United States	56 335	62 779	1.60	1.04	51 611	58 027	1.20	1.11
EUROPE	22 502	25 682	3.53	1.27	19 839	23 206	3.75	1.45
European Union	15 490	16 831	0.61	0.80	13 861	15 377	0.54	0.93
Russia	4 453	6 047	20.52	2.74	4 372	5 962	20.33	2.80
Ukraine	1 521	1 757	14.96	1.74	1 370	1 603	19.58	1.86
OCEANIA DEVELOPED	42	55	-3.72	1.10	37	50	-4.13	1.22
Australia	41	54	-3.79	1.13	36	49	-4.22	1.25
New Zealand	1	1	0.00	0.00	1	1	0.00	0.00
OTHER DEVELOPED ¹	5 349	6 021	0.43	0.84	4 339	4 898	0.32	0.84
Japan	3 255	3 196	-3.02	-0.46	2 453	2 368	-3.51	-0.69
Kazakhstan	238	256	12.08	1.27	124	138	7.88	1.77
South Africa	1 081	1 767	17.33	3.82	990	1 597	17.35	3.73
DEVELOPING COUNTRIES	235 500	304 033	5.79	2.06	210 381	273 219	6.06	2.12
AFRICA	4 255	5 340	3.96	1.35	3 658	4 640	4.30	1.33
NORTH AFRICA	2 995	3 909	4.81	1.34	2 986	3 895	4.79	1.34
Algeria	310	456	25.36	3.32	308	451	25.32	3.34
Egypt	1 580	2 232	1.13	1.24	1 577	2 231	1.10	1.24
SUB-SAHARAN AFRICA	1 260	1 430	2.24	1.40	673	746	2.44	1.31
Ethiopia	86	128	23.33	3.04	52	85	24.49	3.50
Ghana	0	0	0.00	1.34	0	0	0.00	0.83
Mozambique	0	0	0.00	1.72	0	0	0.00	0.77
Nigeria	659	700	0.70	0.78	335	343	0.84	0.60
Tanzania	8	8	0.00	0.05	7	7	0.00	0.06
Zambia	18	18	0.00	0.03	12	12	0.00	0.04
LATIN AMERICA and CARIBBEAN	104 621	125 707	3.73	1.79	96 808	116 359	3.75	1.80
Argentina	45 341	53 619	3.75	2.02	44 343	52 571	3.84	2.06
Brazil	45 446	55 282	3.00	1.62	40 443	49 262	2.91	1.62
Chile	343	375	7.03	0.59	343	375	7.03	0.59
Colombia	823	992	7.16	1.04	820	986	7.25	1.04
Mexico	4 405	5 089	2.39	1.08	4 171	4 842	3.17	1.12
Paraguay	4 108	5 322	12.92	2.09	3 944	5 124	13.14	2.12
Peru	370	421	23.07	0.73	369	416	23.13	0.70
Uruguay	43	51	-5.51	1.03	40	48	-4.87	1.07
ASIA and PACIFIC	126 624	172 987	7.85	2.28	109 915	152 219	8.57	2.40
Bangladesh	977	1 485	25.17	3.17	954	1 441	27.86	3.24
China ²	97 145	132 953	9.09	2.44	83 579	116 163	10.14	2.58
India	8 563	12 190	-0.49	2.03	6 968	10 087	-1.94	2.08
Indonesia	3 233	4 146	5.81	2.04	2 448	3 258	7.37	2.34
Iran	1 787	2 367	6.25	1.18	1 780	2 356	6.47	1.18
Korea	1 480	1 611	1.25	0.51	1 044	1 149	1.57	0.56
Malaysia	657	792	2.15	0.67	657	792	2.16	0.67
Pakistan	1 149	2 322	25.67	1.99	1 149	2 322	25.74	1.99
Philippines	110	154	12.90	1.81	109	149	13.05	1.82
Saudi Arabia	500	511	715.86	0.22	500	511	857.23	0.22
Thailand	2 547	3 177	4.33	1.34	2 532	3 160	4.95	1.34
Turkey	2 422	3 458	8.04	2.75	2 348	3 271	8.06	2.81
Viet Nam	1 707	2 447	24.72	1.73	1 665	2 388	33.00	1.75
LEAST DEVELOPED COUNTRIES (LDC)	1 717	2 712	12.39	3.15	1 419	2 339	16.71	3.41
OECD³	87 457	97 169	1.49	0.98	78 362	88 158	1.24	1.06
BRICS	156 688	208 241	6.57	2.21	136 352	183 071	6.93	2.30

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.10.1. Other oilseed projections: Production and trade

Marketing year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	139 931	161 238	3.37	1.11	18 557	21 497	5.13	1.73	18 251	21 497	4.71	1.73
DEVELOPED COUNTRIES	84 287	97 977	5.08	1.20	8 040	8 474	2.67	-0.15	16 238	18 901	5.09	1.82
NORTH AMERICA	22 102	26 718	5.95	1.52	990	1 336	-1.78	0.46	10 557	12 546	4.85	2.05
Canada	17 796	22 031	6.63	1.74	240	255	-2.79	-0.02	9 850	11 810	5.28	2.21
United States	4 306	4 686	3.41	0.56	750	1 081	-1.52	0.57	707	737	0.78	-0.38
EUROPE	56 956	65 126	4.45	1.10	4 235	4 296	5.54	-0.48	3 100	2 911	0.28	1.45
European Union	30 370	28 962	2.18	-0.17	4 026	4 110	5.71	-0.43	997	673	4.14	-0.75
Russia	10 817	13 714	6.84	1.73	125	105	2.94	-2.70	140	194	-1.10	2.57
Ukraine	14 007	20 564	8.73	2.68	31	26	12.29	-0.40	1 510	1 598	-2.68	1.79
OCEANIA DEVELOPED	3 409	3 846	10.77	0.42	31	32	3.69	0.00	2 394	3 104	16.98	1.07
Australia	3 399	3 836	10.82	0.42	26	27	5.60	0.00	2 394	3 104	16.98	1.07
New Zealand	10	10	0.00	0.00	4	4	-2.69	0.00	0	0	0.00	0.00
OTHER DEVELOPED ¹	1 821	2 287	5.64	1.63	2 784	2 811	1.37	0.09	187	340	6.11	3.91
Japan	16	16	-2.91	-0.43	2 537	2 507	0.87	-0.03	0	0	0.00	0.00
Kazakhstan	714	919	10.50	1.91	9	7	-16.65	0.83	150	313	22.84	4.53
South Africa	914	1 126	4.59	1.48	58	86	8.72	0.34	8	3	-27.29	-0.22
DEVELOPING COUNTRIES	55 644	63 261	1.21	0.97	10 517	13 023	7.45	3.18	2 012	2 596	2.08	1.12
AFRICA	6 577	7 148	1.07	0.99	368	441	10.62	1.45	150	152	0.19	-0.51
NORTH AFRICA	419	457	0.88	0.61	320	374	12.08	1.25	13	9	-1.92	-0.71
Algeria	115	123	1.26	0.51	60	57	5.67	0.82	0	0	0.00	-0.06
Egypt	176	193	0.38	0.80	87	114	22.98	1.53	9	5	-2.86	-1.36
SUB-SAHARAN AFRICA	6 158	6 691	1.09	1.02	49	67	3.96	2.65	137	143	0.31	-0.50
Ethiopia	26	25	0.00	-0.01	0	0	0.00	-0.18	0	0	0.00	0.18
Ghana	329	342	11.18	1.61	0	0	0.00	33.76	0	0	0.00	-26.26
Mozambique	102	125	0.00	1.70	0	0	0.00	1.30	0	0	0.00	-1.28
Nigeria	2 210	2 381	0.86	1.00	0	0	-29.13	0.27	33	43	-8.32	-0.96
Tanzania	103	116	3.58	1.60	1	2	0.00	0.19	2	0	0.00	-12.25
Zambia	39	39	0.00	0.00	0	0	0.00	-0.16	0	0	0.00	0.16
LATIN AMERICA and CARIBBEAN	5 180	6 950	-1.54	1.91	1 623	2 644	1.29	5.33	759	920	0.95	0.69
Argentina	3 654	5 136	-2.15	2.15	1	1	-14.93	0.00	568	685	3.67	0.14
Brazil	444	545	1.09	2.00	6	5	-3.28	0.00	66	88	8.98	2.05
Chile	88	99	1.08	1.11	14	7	-6.63	-6.42	3	5	-2.23	4.20
Colombia	2	2	0.00	1.01	7	7	0.00	-0.40	0	0	0.00	0.40
Mexico	119	97	5.33	-2.23	1 569	2 603	1.61	5.52	3	3	13.11	0.00
Paraguay	231	234	-1.81	0.71	0	0	-78.36	-0.17	32	38	-13.70	2.51
Peru	6	6	0.00	0.01	1	1	0.00	-0.38	0	0	0.00	0.39
Uruguay	229	276	2.14	1.35	1	1	0.00	-3.23	1	1	-34.06	3.81
ASIA and PACIFIC	43 887	49 163	1.62	0.84	8 527	9 938	8.98	2.76	1 104	1 524	3.42	1.58
Bangladesh	304	356	2.30	1.51	105	125	-6.19	1.73	0	0	0.00	-0.12
China ²	28 569	30 740	2.73	0.64	4 562	5 965	16.02	5.07	541	449	-0.21	-0.01
India	9 823	11 959	-1.42	1.10	313	195	14.56	-1.85	469	991	10.18	2.59
Indonesia	702	795	-1.55	1.06	223	135	1.36	-3.68	1	1	-1.65	0.32
Iran	250	278	-1.26	0.60	165	358	48.88	2.34	1	1	0.00	-0.21
Korea	14	13	4.96	0.00	28	28	-1.39	-0.21	0	0	..	..
Malaysia	5	5	4.38	0.01	44	48	2.35	0.91	3	3	1.27	-0.91
Pakistan	856	977	1.78	1.16	1 153	1 020	7.39	0.34	5	5	188.47	-0.04
Philippines	20	21	0.53	0.52	72	63	5.39	0.87	0	0	0.00	-0.06
Saudi Arabia	3	3	0.00	0.01	4	4	0.00	-0.05	0	0	0.00	0.05
Thailand	90	97	-0.32	0.81	58	53	5.96	-0.79	4	4	11.09	0.57
Turkey	1 630	2 092	9.12	2.01	884	897	1.76	-1.18	20	17	2.79	0.25
Viet Nam	338	390	-1.59	1.31	19	39	206.45	0.25	35	29	0.27	-0.34
LEAST DEVELOPED COUNTRIES (LDC)	4 621	5 145	0.82	1.05	248	267	1.50	1.10	89	88	5.57	-0.11
OECD³	57 870	61 973	4.13	0.64	10 211	11 672	2.29	0.77	13 989	16 361	6.25	1.73
BRICS	50 568	58 084	2.51	1.01	5 065	6 355	15.08	4.50	1 225	1 724	2.16	1.80

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.10.2. Other oilseed projections: Consumption, domestic crush

Marketing year

	CONSUMPTION (kt)		Growth (%) ⁴		DOMESTIC CRUSH (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	141 140	161 023	3.48	1.13	119 481	137 953	3.76	1.24
DEVELOPED COUNTRIES	76 578	87 354	4.88	0.98	69 494	79 172	5.25	0.94
NORTH AMERICA	12 801	15 326	6.07	1.08	10 855	13 225	7.16	1.14
Canada	8 586	10 285	8.22	1.25	8 170	9 964	8.42	1.26
United States	4 215	5 041	2.64	0.72	2 686	3 262	4.06	0.76
EUROPE	58 419	66 500	4.86	1.02	53 636	60 836	5.18	0.97
European Union	33 549	32 397	2.56	-0.12	31 081	29 701	2.73	-0.24
Russia	10 866	13 624	7.10	1.68	10 241	12 768	8.01	1.58
Ukraine	12 626	18 985	11.17	2.77	11 482	17 455	11.67	2.90
OCEANIA DEVELOPED	947	774	2.28	-1.61	879	710	1.91	-1.74
Australia	933	760	2.34	-1.63	868	699	1.94	-1.76
New Zealand	14	14	-1.16	0.00	11	11	0.00	0.00
OTHER DEVELOPED ¹	4 411	4 754	2.69	0.58	4 123	4 401	2.58	0.52
Japan	2 549	2 523	0.72	-0.03	2 522	2 503	0.76	-0.01
Kazakhstan	583	613	6.64	0.88	458	451	6.20	0.52
South Africa	954	1 206	6.54	1.44	858	1 087	6.67	1.44
DEVELOPING COUNTRIES	64 561	73 669	2.01	1.32	49 988	58 781	1.97	1.64
AFRICA	6 797	7 436	1.51	1.05	3 230	3 447	1.88	0.71
NORTH AFRICA	722	821	4.77	0.92	587	675	5.97	0.97
Algeria	178	180	2.71	0.61	162	163	2.82	0.56
Egypt	255	302	4.77	1.11	170	210	7.66	1.25
SUB-SAHARAN AFRICA	6 075	6 615	1.17	1.07	2 643	2 772	1.12	0.65
Ethiopia	26	25	0.00	-0.01	17	17	0.00	-0.01
Ghana	329	342	11.18	1.61	115	90	11.18	0.19
Mozambique	102	125	0.00	1.70	42	46	0.00	0.39
Nigeria	2 177	2 338	1.14	1.04	762	814	1.13	0.77
Tanzania	102	117	3.61	1.68	64	67	5.53	0.84
Zambia	39	39	0.00	0.00	19	19	0.00	-0.01
LATIN AMERICA and CARIBBEAN	5 967	8 673	-1.16	3.00	5 365	8 001	-1.53	3.22
Argentina	3 004	4 452	-3.10	2.49	2 893	4 301	-3.50	2.51
Brazil	384	462	-0.01	2.07	321	378	-0.49	1.91
Chile	99	102	-0.25	0.21	91	92	-0.38	0.14
Colombia	9	9	0.00	-0.06	8	8	0.00	-0.10
Mexico	1 682	2 698	1.81	5.12	1 415	2 449	2.01	5.99
Paraguay	199	196	3.61	0.49	165	159	3.75	0.33
Peru	7	7	0.00	-0.03	3	3	0.00	-0.08
Uruguay	228	276	2.49	1.34	205	249	2.49	1.39
ASIA and PACIFIC	51 797	57 560	2.52	1.12	41 393	47 333	2.53	1.47
Bangladesh	413	481	0.01	1.57	370	435	-0.20	1.62
China ²	32 860	36 245	3.87	1.25	25 436	29 118	3.83	1.80
India	9 831	11 158	-1.47	0.91	8 542	9 805	-1.31	0.94
Indonesia	930	929	-0.82	0.20	272	345	0.86	1.51
Iran	408	635	5.18	1.58	382	608	5.74	1.61
Korea	42	42	0.12	-0.14	37	37	0.15	-0.16
Malaysia	46	51	2.63	0.92	45	49	2.45	0.91
Pakistan	2 033	1 992	4.89	0.72	1 861	1 775	5.05	0.59
Philippines	92	84	4.28	0.78	79	68	5.01	0.62
Saudi Arabia	7	7	0.00	-0.03	5	5	0.00	-0.03
Thailand	144	146	1.65	0.21	88	89	3.31	0.28
Turkey	2 510	2 971	6.12	0.97	2 317	2 736	5.81	0.91
Viet Nam	312	400	-1.24	1.35	195	264	-0.71	1.54
LEAST DEVELOPED COUNTRIES (LDC)	4 793	5 326	0.86	1.08	2 773	3 034	0.76	0.91
OECD³	54 417	57 098	3.34	0.43	49 310	51 589	3.58	0.38
BRICS	54 894	62 695	3.23	1.29	45 399	53 156	3.42	1.58

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.11.1. Protein meal projections: Production and trade

Marketing year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	314 513	384 265	4.17	1.69	83 632	103 046	3.39	1.50	90 018	103 046	4.14	1.50
DEVELOPED COUNTRIES	101 241	114 019	2.64	1.02	38 224	43 193	0.62	0.59	22 761	26 436	6.62	1.48
NORTH AMERICA	52 181	58 847	1.89	1.03	4 730	5 424	6.76	1.06	15 478	16 552	5.28	1.24
Canada	6 079	7 290	7.25	1.15	803	896	-6.17	1.42	4 229	5 304	10.81	1.45
United States	46 103	51 557	1.32	1.02	3 927	4 528	12.27	0.99	11 250	11 248	3.70	1.14
EUROPE	41 936	47 313	3.98	1.04	26 979	30 134	-0.86	0.38	7 091	9 777	10.74	1.98
European Union	28 364	28 795	1.74	0.24	25 505	28 230	-0.87	0.27	1 005	904	5.07	-2.38
Russia	6 965	9 022	9.14	2.22	401	647	-7.40	4.20	1 625	1 798	10.44	0.74
Ukraine	6 195	9 039	13.23	2.75	32	28	-10.87	-0.34	4 293	6 964	13.07	3.16
OCEANIA DEVELOPED	908	980	5.72	0.16	2 938	3 830	10.35	2.22	53	25	13.13	0.00
Australia	900	971	5.80	0.16	771	1 123	2.59	3.02	37	25	8.06	0.00
New Zealand	9	9	-0.32	0.00	2 167	2 707	15.37	1.91	17	0	189.80	0.00
OTHER DEVELOPED ¹	6 216	6 879	0.42	0.80	3 577	3 806	0.62	0.08	139	83	-7.02	-4.47
Japan	3 401	3 293	-1.87	-0.49	1 951	2 059	0.27	-0.54	1	0	-47.25	0.00
Kazakhstan	343	346	3.28	0.89	5	8	-7.33	4.34	92	44	-5.37	-7.10
South Africa	1 207	1 777	11.63	2.99	939	877	-2.04	-0.34	24	20	-7.92	0.13
DEVELOPING COUNTRIES	213 272	270 246	4.97	1.99	45 408	59 852	6.32	2.22	67 257	76 610	3.42	1.51
AFRICA	5 692	6 842	2.72	1.28	5 094	7 095	12.62	3.20	483	459	1.32	-1.42
NORTH AFRICA	2 709	3 440	4.44	1.30	4 481	6 298	12.48	3.16	8	9	7.12	-0.35
Algeria	331	445	14.46	2.74	1 405	1 891	10.74	2.17	0	0	0.00	-0.15
Egypt	1 374	1 880	0.79	1.24	1 674	2 018	23.10	2.62	4	5	9.29	-0.24
SUB-SAHARAN AFRICA	2 983	3 402	1.37	1.26	613	796	13.45	3.54	475	451	1.24	-1.44
Ethiopia	59	84	11.70	2.86	0	0	0.00	42.23	0	0	0.00	-29.69
Ghana	70	62	5.72	0.55	12	41	0.00	6.69	2	1	0.00	-6.16
Mozambique	38	42	0.00	1.20	26	22	6.37	-1.80	4	5	0.00	1.82
Nigeria	952	1 074	1.54	1.31	320	402	33.35	3.47	179	130	4.17	-3.35
Tanzania	181	175	3.11	1.02	20	81	274.06	10.82	34	8	-4.40	-9.77
Zambia	35	33	0.99	0.59	7	13	0.00	2.01	0	0	0.00	-0.14
LATIN AMERICA and CARIBBEAN	80 763	97 863	3.65	1.87	9 808	12 404	4.57	1.57	54 283	64 192	4.42	1.98
Argentina	36 438	43 554	3.50	2.07	0	0	0.00	0.00	32 836	38 151	3.97	2.12
Brazil	33 115	40 556	3.17	1.64	4	5	-36.93	0.00	16 833	20 880	3.80	1.88
Chile	325	352	5.43	0.54	1 182	1 680	5.00	2.81	1	1	-27.91	-0.26
Colombia	807	986	5.98	1.28	1 244	1 578	10.52	2.28	97	72	6.30	-2.23
Mexico	4 358	5 340	3.04	2.23	2 364	3 584	5.84	2.00	20	20	6.61	0.00
Paraguay	3 230	4 143	12.55	2.07	2	2	-3.72	-0.20	2 683	3 309	17.80	2.22
Peru	327	362	16.96	0.76	1 036	1 521	5.11	3.24	5	5	7.06	-0.80
Uruguay	128	155	0.70	1.32	180	217	3.31	-0.30	4	5	-7.85	0.15
ASIA and PACIFIC	126 817	165 541	6.02	2.09	30 505	40 354	6.07	2.26	12 491	11 959	-0.03	-0.56
Bangladesh	1 001	1 429	14.24	2.88	542	1 112	11.95	6.11	0	0	0.00	-0.42
China ²	82 770	109 358	7.93	2.32	897	1 110	-2.42	0.01	1 847	2 156	10.17	2.71
India	14 006	17 514	-0.76	1.55	239	447	24.20	2.03	1 635	849	-15.04	-5.84
Indonesia	6 732	8 722	6.52	2.06	4 290	5 023	7.47	0.88	4 347	4 117	6.67	-0.88
Iran	1 700	2 263	6.07	1.23	1 722	2 812	3.38	5.20	53	37	-11.65	-3.31
Korea	920	1 001	2.05	0.50	3 857	4 198	2.45	0.85	173	200	37.16	0.00
Malaysia	3 214	4 093	1.20	1.38	1 313	1 156	5.17	-0.75	2 646	3 074	1.96	0.75
Pakistan	3 415	4 824	4.87	2.00	611	760	5.84	4.23	295	295	16.23	-4.05
Philippines	938	1 170	0.10	1.70	2 676	3 481	6.78	1.74	509	427	1.27	-1.71
Saudi Arabia	453	490	49.11	0.43	970	2 079	8.62	5.54	2	5	-28.57	-0.53
Thailand	2 272	2 865	4.92	1.43	3 135	3 583	3.08	1.40	7	7	-3.38	-0.13
Turkey	3 559	4 553	6.25	2.05	1 801	2 105	13.46	0.51	85	78	11.83	-0.23
Viet Nam	1 440	2 013	24.90	1.73	5 244	8 263	10.12	3.58	93	62	34.55	-3.39
LEAST DEVELOPED COUNTRIES (LDC)	3 116	4 150	4.59	2.10	810	1 482	9.87	5.50	238	253	1.67	-1.35
OECD³	94 017	103 161	1.92	0.84	44 929	51 889	1.56	0.73	16 819	17 782	5.40	0.99
BRICS	138 062	178 227	5.58	2.09	2 480	3 085	-3.32	0.94	21 963	25 703	1.52	1.47

Note: Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.11.2. Protein meal projections: Consumption

Marketing year

	CONSUMPTION (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26
WORLD	308 798	384 196	4.09	1.72
DEVELOPED COUNTRIES	116 765	130 776	1.33	0.78
NORTH AMERICA	41 430	47 719	1.28	0.97
Canada	2 638	2 882	-1.09	0.70
United States	38 792	44 837	1.45	0.99
EUROPE	61 865	67 671	1.14	0.62
European Union	52 848	56 122	0.36	0.30
Russia	5 746	7 875	6.39	2.73
Ukraine	1 969	2 100	12.96	1.58
OCEANIA DEVELOPED	3 827	4 786	9.19	1.78
Australia	1 645	2 070	4.08	1.61
New Zealand	2 182	2 716	15.78	1.91
OTHER DEVELOPED ¹	9 643	10 600	0.60	0.58
Japan	5 352	5 352	-1.20	-0.53
Kazakhstan	256	309	8.69	3.05
South Africa	2 111	2 633	4.06	1.78
DEVELOPING COUNTRIES	192 033	253 421	6.13	2.23
AFRICA	10 306	13 469	6.87	2.35
NORTH AFRICA	7 184	9 722	8.92	2.46
Algeria	1 753	2 333	11.42	2.26
Egypt	3 042	3 892	8.83	1.92
SUB-SAHARAN AFRICA	3 122	3 746	3.02	2.09
Ethiopia	59	84	11.70	2.87
Ghana	80	103	4.84	2.72
Mozambique	60	60	2.35	-0.06
Nigeria	1 090	1 346	5.11	2.53
Tanzania	168	248	8.33	4.13
Zambia	42	46	0.81	0.96
LATIN AMERICA and CARIBBEAN	36 555	46 075	3.43	1.87
Argentina	3 803	5 409	4.86	2.98
Brazil	16 308	19 681	2.39	1.58
Chile	1 531	2 030	5.63	2.38
Colombia	1 944	2 490	8.56	2.05
Mexico	6 701	8 903	3.97	2.14
Paraguay	560	834	4.52	1.60
Peru	1 345	1 877	7.10	2.73
Uruguay	305	367	2.55	0.36
ASIA and PACIFIC	145 172	193 877	6.85	2.31
Bangladesh	1 530	2 538	13.26	4.17
China ²	82 167	108 320	7.89	2.29
India	12 504	17 102	3.57	2.12
Indonesia	6 744	9 616	7.01	2.90
Iran	3 437	5 036	5.85	3.30
Korea	4 603	4 999	1.70	0.76
Malaysia	1 886	2 175	2.46	1.06
Pakistan	3 696	5 285	4.43	2.75
Philippines	3 119	4 219	5.05	2.15
Saudi Arabia	1 407	2 563	14.75	4.42
Thailand	5 416	6 440	3.91	1.41
Turkey	5 293	6 576	8.27	1.57
Viet Nam	6 589	10 198	12.55	3.23
LEAST DEVELOPED COUNTRIES (LDC)	3 677	5 375	5.81	3.14
OECD³	122 180	137 263	1.38	0.77
BRICS	118 836	155 611	6.35	2.19

Note: Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.12.1. Vegetable oil projections: Production and trade

Marketing year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	178 963	219 843	4.14	1.63	75 513	91 484	4.12	1.65	75 347	91 484	3.98	1.65
DEVELOPED COUNTRIES	46 036	51 907	3.99	0.95	18 814	18 768	2.29	-0.09	13 506	18 030	9.53	2.14
NORTH AMERICA	16 322	18 432	2.95	1.00	4 215	4 490	3.43	0.46	4 117	4 802	3.09	1.14
Canada	3 831	4 486	8.08	1.11	254	255	-1.96	-0.12	2 890	3 471	8.72	0.82
United States	12 491	13 945	1.73	0.96	3 961	4 235	3.88	0.50	1 227	1 332	-4.64	2.04
EUROPE	26 413	29 943	5.02	0.97	12 181	11 515	1.73	-0.52	9 057	12 894	14.09	2.61
European Union	15 705	15 407	2.41	-0.03	10 030	9 284	1.94	-0.72	1 801	1 795	12.20	1.33
Russia	4 913	6 003	8.89	1.39	1 018	1 084	0.71	0.83	2 161	3 243	20.98	2.83
Ukraine	5 398	8 124	11.97	2.86	273	198	-7.69	-2.88	4 813	7 551	13.10	2.97
OCEANIA DEVELOPED	476	464	4.45	-0.48	295	328	5.33	0.98	167	182	10.32	0.90
Australia	471	459	4.51	-0.49	210	236	7.25	1.04	167	182	10.32	0.90
New Zealand	5	5	-0.19	0.00	86	92	1.62	0.85	0	0	2.29	0.00
OTHER DEVELOPED ¹	2 824	3 068	1.52	0.67	2 122	2 435	3.16	0.95	166	151	4.23	-0.87
Japan	1 521	1 487	-0.01	-0.26	800	858	0.98	0.68	3	3	99.59	0.00
Kazakhstan	234	238	4.75	0.64	91	126	0.86	1.05	45	48	34.11	-1.04
South Africa	509	692	8.29	2.27	798	920	3.12	0.97	53	39	-6.56	-0.96
DEVELOPING COUNTRIES	132 928	167 936	4.19	1.86	56 700	72 716	4.80	2.15	61 841	73 454	3.03	1.53
AFRICA	5 605	6 659	2.60	1.49	9 418	12 861	5.46	2.91	1 155	1 020	2.89	-1.71
NORTH AFRICA	847	1 037	4.35	1.17	3 550	4 393	3.58	2.04	288	219	-0.38	-1.98
Algeria	124	151	8.69	2.00	847	1 018	5.97	1.66	55	54	1.27	-1.63
Egypt	372	498	1.40	1.24	1 868	2 324	3.67	2.28	193	129	-0.20	-2.22
SUB-SAHARAN AFRICA	4 759	5 622	2.31	1.55	5 867	8 468	6.74	3.40	867	801	4.18	-1.64
Ethiopia	19	24	7.16	2.21	479	912	42.05	5.77	0	0	0.00	-0.40
Ghana	306	319	9.15	0.85	145	202	2.33	2.43	23	17	0.00	-2.36
Mozambique	46	53	0.00	1.36	62	68	0.38	-0.28	0	0	0.00	0.02
Nigeria	1 685	2 022	1.64	1.75	1 491	2 111	9.64	3.87	81	49	0.63	-3.37
Tanzania	98	97	2.31	0.71	294	438	2.86	2.61	5	4	-3.58	-2.26
Zambia	32	60	11.22	6.01	115	166	35.50	3.83	0	0	0.00	-0.27
LATIN AMERICA and CARIBBEAN	24 888	31 128	3.41	2.06	4 710	4 905	4.82	0.04	10 705	13 481	1.48	2.94
Argentina	9 341	11 433	2.61	2.15	17	17	4.50	0.00	6 183	7 990	-0.11	4.80
Brazil	8 416	10 512	2.44	1.72	463	510	5.92	0.34	1 437	1 924	-3.83	-0.35
Chile	98	104	3.61	0.45	411	546	4.37	2.43	1	1	-2.23	-0.39
Colombia	1 503	1 961	6.03	2.09	631	595	11.99	-1.13	526	643	9.10	1.14
Mexico	1 705	2 194	2.84	3.03	939	1 008	5.69	0.51	40	36	0.31	-0.91
Paraguay	785	990	11.66	1.99	13	11	-0.27	-1.90	677	831	18.03	1.94
Peru	240	265	20.38	1.05	462	563	5.89	1.60	1	1	0.00	-0.16
Uruguay	77	94	1.84	1.37	83	101	4.31	-0.62	3	2	-1.47	0.50
ASIA and PACIFIC	102 434	130 149	4.48	1.83	42 572	54 951	4.66	2.19	49 980	58 954	3.44	1.30
Bangladesh	354	472	7.04	2.43	1 980	2 795	7.23	3.17	0	0	0.00	-0.22
China ²	25 499	32 340	6.64	2.04	8 166	6 323	-1.63	-2.58	262	233	1.93	0.72
India	6 073	7 374	-0.87	1.39	14 980	25 324	9.74	4.40	71	58	-1.15	-0.85
Indonesia	38 353	49 103	6.79	1.99	144	167	12.32	-0.17	27 619	32 571	6.09	1.45
Iran	498	690	6.26	1.31	1 204	1 358	-0.14	1.26	152	169	1.25	-1.24
Korea	241	261	2.11	0.46	932	1 090	4.35	0.63	3	5	-7.16	0.00
Malaysia	21 473	27 297	1.22	1.51	1 581	1 206	-1.53	-1.39	18 261	22 328	0.68	1.41
Pakistan	1 310	1 621	4.79	1.61	2 881	3 856	5.23	2.69	92	61	0.26	-2.59
Philippines	1 670	2 084	-0.50	1.76	921	1 226	11.70	2.05	829	673	-1.74	-2.01
Saudi Arabia	110	121	40.00	0.50	571	834	9.61	3.27	1	1	-26.89	-0.48
Thailand	2 449	3 448	4.19	2.16	287	144	20.23	-4.13	165	389	-8.18	4.24
Turkey	1 604	1 968	5.94	1.51	1 553	1 715	8.01	0.81	623	580	17.37	-0.81
Viet Nam	433	590	13.85	1.65	875	1 286	8.21	3.62	136	107	36.93	-3.50
LEAST DEVELOPED COUNTRIES (LDC)	2 585	3 061	1.98	1.47	6 934	9 592	6.80	2.89	464	444	4.93	-1.77
OECD³	37 924	40 576	2.70	0.64	19 787	20 045	3.14	0.02	6 852	7 501	6.07	0.98
BRICS	45 409	56 921	4.71	1.82	25 424	34 161	4.22	2.42	3 984	5 496	4.51	1.45

Note: Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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).

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Table A.12.2. Vegetable oil projections: Consumption, food

Marketing year

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	179 967	219 532	4.45	1.64	19.3	21.3	2.27	0.93
DEVELOPED COUNTRIES	51 248	52 647	2.26	0.19	24.6	25.8	0.24	0.63
NORTH AMERICA	16 274	18 126	2.98	0.83	37.4	37.9	0.72	0.41
Canada	1 093	1 278	3.26	1.74	25.9	28.0	0.06	1.16
United States	15 181	16 849	2.96	0.77	38.6	39.0	0.78	0.36
EUROPE	29 585	28 561	1.91	-0.30	21.5	22.8	-0.55	0.77
European Union	24 064	22 896	1.79	-0.45	21.0	22.6	-1.74	0.90
Russia	3 703	3 844	2.90	0.17	25.8	27.3	2.87	0.37
Ukraine	845	770	-1.36	0.45	17.9	17.3	-1.36	1.00
OCEANIA DEVELOPED	613	610	3.74	-0.13	21.5	18.9	2.20	-1.23
Australia	523	513	4.19	-0.30	21.8	18.7	2.50	-1.45
New Zealand	91	97	1.52	0.81	20.0	19.6	0.71	-0.02
OTHER DEVELOPED ¹	4 776	5 349	2.02	0.86	16.8	18.0	1.37	0.52
Japan	2 311	2 342	0.14	0.06	18.3	19.1	0.22	0.40
Kazakhstan	274	316	1.40	1.44	15.3	15.8	-0.19	0.55
South Africa	1 260	1 572	5.51	1.60	22.4	26.0	4.44	0.98
DEVELOPING COUNTRIES	128 719	166 885	5.44	2.15	18.0	20.4	3.13	1.07
AFRICA	13 963	18 482	4.52	2.69	11.5	11.8	1.89	0.36
NORTH AFRICA	4 184	5 205	4.12	2.07	21.9	23.3	2.48	0.68
Algeria	908	1 113	6.34	1.91	22.4	23.6	4.38	0.57
Egypt	2 131	2 689	4.01	2.35	21.9	23.0	2.23	0.73
SUB-SAHARAN AFRICA	9 779	13 277	4.70	2.95	9.5	9.8	1.84	0.47
Ethiopia	498	936	36.87	5.66	4.9	7.2	33.41	3.38
Ghana	435	505	7.09	1.61	15.6	14.4	4.52	-0.39
Mozambique	108	121	0.20	0.40	3.8	3.2	-2.56	-2.22
Nigeria	3 116	4 081	5.15	2.88	14.1	14.6	2.38	0.79
Tanzania	385	531	2.75	2.29	7.2	7.1	-0.31	-0.67
Zambia	147	226	25.91	4.38	8.9	9.9	22.16	1.37
LATIN AMERICA and CARIBBEAN	18 982	22 546	5.48	1.13	20.4	21.7	0.97	0.75
Argentina	3 204	3 459	12.17	-2.27	18.7	18.9	-0.04	0.14
Brazil	7 483	9 098	4.83	2.14	23.1	24.2	-0.55	0.94
Chile	509	649	4.24	2.10	27.8	32.2	3.13	1.25
Colombia	1 608	1 912	7.25	1.32	20.8	22.9	3.08	0.83
Mexico	2 605	3 167	4.12	2.21	20.5	22.1	2.65	1.13
Paraguay	126	169	-2.25	1.95	18.6	22.0	-3.55	0.80
Peru	702	826	9.42	1.43	21.4	22.4	8.27	0.35
Uruguay	157	193	2.86	0.30	30.4	38.3	-3.06	-0.25
ASIA and PACIFIC	95 774	125 857	5.57	2.26	19.4	23.0	3.85	1.41
Bangladesh	2 333	3 262	7.04	3.05	13.2	16.8	6.27	2.14
China ²	33 886	38 430	4.76	1.07	24.6	27.1	4.21	0.85
India	20 917	32 538	5.76	3.63	15.2	21.1	4.29	2.64
Indonesia	11 157	16 606	9.68	3.24	22.1	26.0	3.32	1.53
Iran	1 564	1 878	1.85	1.54	19.7	21.5	0.72	0.73
Korea	1 168	1 346	3.95	0.60	12.8	13.4	-2.32	0.55
Malaysia	4 805	6 124	3.24	1.60	29.0	30.8	2.07	0.12
Pakistan	4 105	5 407	5.19	2.42	20.8	22.8	3.14	0.73
Philippines	1 781	2 631	5.96	3.16	11.3	15.8	5.80	2.40
Saudi Arabia	668	952	11.98	2.87	18.0	22.5	9.61	1.73
Thailand	2 570	3 199	7.57	1.58	13.0	18.3	3.66	2.70
Turkey	2 540	3 099	5.23	1.63	26.6	30.5	3.13	1.11
Viet Nam	1 167	1 767	8.56	3.52	12.2	16.9	7.19	2.71
LEAST DEVELOPED COUNTRIES (LDC)	9 031	12 197	5.26	2.73	9.1	9.7	2.91	0.53
OECD³	50 850	53 123	2.49	0.34	25.4	26.8	0.14	0.72
BRICS	67 249	85 482	4.96	2.06	20.5	24.3	3.63	1.41

Note: Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.13. Main policy assumptions for oilseed markets

Marketing year

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
ARGENTINA												
Export tax												
Soybean	%	32.3	27.0	21.0	18.0	18.0	18.0	15.0	15.0	15.0	15.0	15.0
Other oilseeds	%	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Soybean meal	%	29.7	24.0	18.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Soybean oil	%	29.7	24.0	18.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
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 UNION¹												
Voluntary coupled support												
Oilseeds	mln EUR	127	20	21	22	23	23	23	23	23	23	23
Tariffs												
Soybean oil	%	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Rapeseed oil	%	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
JAPAN												
New output payments												
Soybean	JPY/kg	196.2	197.2	197.2	197.2	197.2	197.2	197.2	197.2	197.2	197.2	197.2
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	131	131	131	131	131	131	131	131	131	131	131
MEXICO												
Tariffs												
Soybean	%	33	33	33	33	33	33	33	33	33	33	33
Soybean meal	%	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
Soybean oil	%	45	45	45	45	45	45	45	45	45	45	45
UNITED STATES												
ARC participation rate												
Soybean	%	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
Soybean 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
Tariffs												
Rapeseed	%	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
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
CHINA												
Tariffs												
Soybean	%	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												
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	%	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
Soybean meal tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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

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

Average 2014-16est: Data for 2016 are estimated.

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

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 accounts 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%).

Source: OECD/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.14.1. Sugar projections: Production and trade

Marketing year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	168 640	209 527	1.82	1.66	51 660	64 004	2.47	1.99	55 239	68 696	2.26	1.83
DEVELOPED COUNTRIES	40 348	44 311	1.64	0.06	13 072	13 131	-1.87	1.38	6 656	8 278	-0.23	1.83
NORTH AMERICA	8 054	8 914	2.67	0.23	3 957	4 766	-0.95	3.17	72	50	-16.61	0.00
Canada	90	115	1.48	0.99	1 131	1 188	-1.36	0.68	30	30	-11.20	0.00
United States	7 964	8 799	2.68	0.23	2 826	3 578	-0.59	4.14	41	20	-20.36	0.00
EUROPE	24 925	26 915	1.80	-0.28	4 470	3 508	-4.77	0.58	2 128	3 394	1.38	3.31
European Union	17 072	18 539	0.70	-0.71	3 116	1 780	1.17	0.64	1 441	2 357	-0.61	1.32
Russia	5 213	5 253	6.73	0.45	570	872	-20.61	1.47	178	152	-2.38	0.00
Ukraine	1 767	2 161	1.11	1.11	0	0	-80.07	-2.32	122	460	63.69	64.24
OCEANIA DEVELOPED	4 953	5 652	1.54	1.04	363	381	3.85	0.53	4 010	4 543	2.39	1.01
Australia	4 953	5 652	1.54	1.04	126	120	21.09	0.00	3 990	4 523	2.39	1.01
New Zealand	0	0	..	..	237	261	0.34	0.78	20	20	1.58	0.00
OTHER DEVELOPED ¹	2 416	2 830	-2.04	1.06	4 283	4 476	0.75	0.42	446	290	-14.03	-0.54
Japan	695	739	-2.57	0.50	1 388	1 390	0.58	-0.31	4	5	15.43	0.00
Kazakhstan	3	3	-23.92	1.22	516	573	1.95	1.12	7	9	-28.74	-1.10
South Africa	1 654	2 000	-1.94	1.23	341	299	-0.84	0.35	204	158	-19.52	-0.35
DEVELOPING COUNTRIES	128 292	165 216	1.88	2.14	38 588	50 873	4.41	2.15	48 584	60 419	2.68	1.83
AFRICA	9 023	12 483	3.84	2.71	11 736	16 175	4.47	3.21	3 423	3 346	5.90	1.43
NORTH AFRICA	2 824	3 756	4.35	2.70	4 625	5 825	3.54	2.36	569	621	28.66	1.83
Algeria	0	0	0.00	0.00	1 880	2 377	7.11	2.56	403	535	206.30	2.94
Egypt	2 310	3 068	4.52	2.76	1 332	1 927	2.96	3.57	124	85	14.48	-3.25
SUB-SAHARAN AFRICA	6 199	8 728	3.62	2.72	7 111	10 350	5.12	3.72	2 854	2 725	4.10	1.35
Ethiopia	503	850	7.78	3.14	21	15	-11.50	2.39	62	164	5.86	3.05
Ghana	0	0	0.00	0.00	375	428	-2.10	2.22	78	34	-11.56	-2.17
Mozambique	427	648	8.61	3.96	27	0	-67.82	0.87	264	339	13.29	5.03
Nigeria	27	109	-8.59	3.57	1 530	2 149	3.24	3.17	0	0	22.38	-0.22
Tanzania	329	540	3.38	4.58	283	592	15.99	3.12	3	4	-21.21	0.45
Zambia	424	554	6.67	2.85	0	0	-61.20	0.57	211	203	8.69	2.77
LATIN AMERICA and CARIBBEAN	57 119	72 338	1.60	1.60	2 086	1 935	-1.25	-0.37	32 674	43 251	2.35	1.65
Argentina	1 976	2 626	-1.21	3.01	0	0	..	..	277	574	-5.22	9.78
Brazil	35 238	45 316	1.10	1.48	0	0	..	..	24 700	33 124	1.63	1.67
Chile	253	378	-0.02	3.92	520	545	-0.99	0.37	0	0	32.62	-0.03
Colombia	2 269	2 622	0.81	1.47	57	42	-10.22	-2.02	616	716	-1.92	2.07
Mexico	6 068	6 842	2.96	1.06	9	10	-23.63	0.03	1 603	1 934	11.02	1.19
Paraguay	173	145	1.34	-1.10	8	30	-54.38	9.73	41	15	-8.32	-8.87
Peru	1 154	1 581	3.08	2.86	193	87	-1.59	-5.37	96	168	5.52	5.66
Uruguay	23	31	15.53	1.58	124	155	4.55	2.10	7	9	226.44	-2.06
ASIA and PACIFIC	62 149	80 395	1.95	2.56	24 766	32 763	5.01	1.83	12 486	13 822	3.19	2.51
Bangladesh	96	132	0.16	2.77	2 162	3 228	6.97	3.46	168	14	81.72	-25.03
China ²	9 635	13 439	-3.24	2.99	5 379	5 910	24.30	0.53	66	47	-0.55	-2.58
India	25 670	31 070	2.93	2.22	1 527	2 796	20.89	2.89	2 226	816	3.34	-2.23
Indonesia	2 411	2 743	-0.37	1.70	3 657	5 933	9.73	3.45	0	0	-15.51	-0.24
Iran	1 488	2 130	7.93	2.58	733	924	-8.49	-0.24	13	0	-51.53	0.04
Korea	0	0	..	..	1 924	2 152	2.51	1.04	330	386	1.44	1.53
Malaysia	12	14	-13.31	0.78	1 890	2 378	3.40	2.25	140	79	-4.75	-2.20
Pakistan	5 624	7 479	5.26	2.84	25	9	-33.60	-1.10	542	806	21.12	12.82
Philippines	2 248	2 914	1.15	2.83	155	394	-36.03	3.17	154	100	-3.31	-3.38
Saudi Arabia	0	0	0.00	0.00	1 398	1 967	1.07	2.09	262	245	-2.35	-2.05
Thailand	10 269	14 344	4.70	3.07	0	0	-65.11	1.49	7 597	10 786	5.43	3.49
Turkey	2 164	2 681	1.06	0.32	135	1	43.75	-51.86	8	14	-5.34	8.07
Viet Nam	1 529	2 339	6.81	4.73	299	428	11.03	4.44	129	43	300.17	-4.25
LEAST DEVELOPED COUNTRIES (LDC)	4 432	6 073	4.86	2.71	8 369	12 316	6.23	3.56	2 185	1 492	10.17	-1.14
OECD³	39 495	43 945	1.44	0.08	12 225	12 026	0.29	1.33	7 477	9 301	2.31	1.14
BRICS	77 410	97 079	1.11	1.85	7 817	9 877	4.73	1.19	27 374	34 298	0.79	1.52

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

Sugar data are expressed on a tel quel basis.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.14.2. Sugar projections: Consumption, food

Marketing year

	CONSUMPTION (kt)		Growth (%) ⁴		PER CAPITA (kg)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	168 259	203 267	1.83	1.75	22.8	24.7	0.64	0.75
DEVELOPED COUNTRIES	47 647	49 060	0.99	0.32	33.7	33.6	0.59	0.05
NORTH AMERICA	11 900	13 582	1.92	1.16	33.3	35.1	1.03	0.45
Canada	1 174	1 265	-0.83	0.75	32.7	32.2	-1.88	-0.04
United States	10 726	12 316	2.26	1.20	33.3	35.5	1.39	0.50
EUROPE	27 964	27 052	0.61	-0.24	37.2	35.9	0.55	-0.23
European Union	19 308	17 932	1.19	-0.58	38.2	35.2	1.02	-0.65
Russia	5 540	5 985	-0.38	0.60	38.6	42.5	-0.41	0.80
Ukraine	1 818	1 748	-1.23	-0.04	40.6	41.5	-0.85	0.56
OCEANIA DEVELOPED	1 410	1 479	1.08	0.93	49.5	45.7	-0.42	-0.18
Australia	1 190	1 239	1.22	0.95	49.7	45.3	-0.42	-0.22
New Zealand	220	240	0.35	0.85	48.6	48.4	-0.45	0.02
OTHER DEVELOPED ¹	6 373	6 948	1.01	0.85	23.3	24.4	0.37	0.51
Japan	2 123	2 119	-0.22	-0.03	16.8	17.3	-0.14	0.30
Kazakhstan	491	565	1.32	1.15	27.9	28.9	-0.13	0.26
South Africa	1 888	2 104	1.67	1.21	34.7	35.8	0.53	0.56
DEVELOPING COUNTRIES	120 612	154 206	2.17	2.24	20.3	22.8	0.78	1.07
AFRICA	16 984	24 796	3.96	3.39	15.0	16.8	1.27	0.93
NORTH AFRICA	6 640	8 775	2.72	2.52	36.3	40.8	0.92	1.08
Algeria	1 416	1 776	2.38	2.27	35.7	38.3	0.50	0.90
Egypt	3 375	4 819	3.67	3.20	36.9	43.6	1.52	1.50
SUB-SAHARAN AFRICA	10 344	16 021	4.82	3.90	10.9	12.7	1.94	1.25
Ethiopia	474	697	3.70	3.23	4.8	5.5	1.08	0.94
Ghana	272	390	3.42	3.15	9.9	11.4	0.94	1.11
Mozambique	191	288	2.18	4.71	6.8	7.7	-0.65	1.99
Nigeria	1 555	2 230	3.12	3.42	8.5	9.3	0.40	0.92
Tanzania	650	1 068	9.05	4.70	12.2	14.4	5.66	1.66
Zambia	220	339	10.18	4.00	13.6	15.0	6.90	0.95
LATIN AMERICA and CARIBBEAN	26 842	30 598	0.15	1.33	42.4	43.8	-0.99	0.44
Argentina	1 699	2 043	0.59	1.72	39.1	42.7	-0.44	0.84
Brazil	10 970	11 921	-1.04	0.86	52.8	53.2	-1.95	0.19
Chile	779	911	1.74	1.67	43.4	46.1	0.65	0.80
Colombia	1 715	1 945	1.30	1.17	35.6	37.3	0.27	0.49
Mexico	4 433	4 898	-0.23	0.96	34.9	34.2	-1.64	-0.11
Paraguay	133	158	1.73	1.92	20.0	21.0	0.38	0.76
Peru	1 224	1 477	2.24	1.89	39.0	41.6	0.92	0.78
Uruguay	144	178	2.90	2.36	42.0	49.9	2.55	2.02
ASIA and PACIFIC	76 786	98 813	2.58	2.27	18.4	21.5	1.47	1.44
Bangladesh	2 041	3 316	6.71	4.60	12.7	18.4	5.46	3.54
China ²	15 726	19 353	2.20	1.86	11.4	13.7	1.67	1.64
India	26 048	32 953	2.49	2.18	19.9	22.3	1.17	1.11
Indonesia	6 203	8 627	3.60	3.00	24.1	30.1	2.27	2.03
Iran	2 495	3 046	1.02	1.76	31.5	35.0	-0.22	0.96
Korea	1 568	1 756	2.89	0.94	31.2	33.7	2.36	0.64
Malaysia	1 723	2 278	3.75	2.50	56.8	65.6	2.14	1.28
Pakistan	4 943	6 593	2.24	2.40	26.2	28.6	0.12	0.60
Philippines	2 308	3 188	2.93	3.13	22.9	27.1	1.34	1.70
Saudi Arabia	1 189	1 685	3.88	3.20	37.7	45.2	1.47	1.71
Thailand	2 877	3 437	3.26	1.85	42.3	50.1	2.94	1.81
Turkey	2 317	2 691	2.03	0.29	29.5	31.5	0.43	-0.37
Viet Nam	1 585	2 687	5.03	5.00	17.0	26.1	3.90	4.13
LEAST DEVELOPED COUNTRIES (LDC)	10 536	16 583	5.48	4.03	11.0	13.6	3.01	1.75
OECD³	44 869	46 550	1.23	0.32	33.8	33.4	0.66	-0.08
BRICS	60 173	72 316	1.39	1.70	19.5	21.8	0.52	1.09

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

Average 2014-16est: Data for 2016 are estimated.

Sugar data are expressed on a tel quel basis.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.15. Main policy assumptions for sugar markets

Marketing year

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
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, sugar	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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												
Voluntary coupled support												
Sugarbeet ²	mIn EUR	117	178	179	180	169	169	169	169	169	169	169
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 ³	Mt wse	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	2 200.0	2 200.0	2 200.0	2 200.0	2 200.0	2 200.0	2 200.0	2 200.0	2 200.0	2 200.0	2 200.0
Tariff, sugar	%	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
INDONESIA												
Tariff, sugar	%	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
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	%	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Tariff, white sugar	%	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
MEXICO												
Mexico common external tariff, raw sugar	USD/t	338.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6
Mexico common external tariff, white sugar	USD/t	357.4	357.4	357.4	357.4	357.4	357.4	357.4	357.4	357.4	357.4	357.4
RUSSIA												
Minimum tariff, raw sugar	USD/t	205.6	140.0	171.0	203.0	203.0	203.0	203.0	203.0	171.0	171.0	171.0
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	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2
TRQ, raw sugar	kt rse	1 483	1 540	1 547	1 553	1 559	1 565	1 571	1 578	1 584	1 590	1 590
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, sugar	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANZANIA												
Tariff, sugar	%	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
VIET NAM												
Tariff, sugar	%	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8

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

Average 2014-16est: Data for 2016 are estimated.

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

1. Refers to mainland only.
2. Implemented in 10 Member States.
3. Production that receives official support.

Source: OECD/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.16.1. 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 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	313 571	352 991	1.85	1.09	28 461	33 528	3.25	1.33	29 536	33 621	3.39	1.39
DEVELOPED COUNTRIES	123 156	133 059	1.11	0.56	9 994	10 373	-1.20	0.39	16 859	18 748	3.56	1.11
NORTH AMERICA	46 722	52 856	0.36	0.85	2 764	2 873	1.67	1.14	8 592	10 035	1.97	1.51
Canada	4 661	5 112	-0.91	0.76	696	837	0.97	1.27	1 836	2 069	0.62	0.76
United States	42 061	47 744	0.51	0.86	2 067	2 036	1.91	1.09	6 756	7 966	2.37	1.72
EUROPE	60 175	62 722	1.55	0.22	3 268	3 138	-6.03	-0.39	4 673	5 134	7.87	0.46
European Union	45 833	46 914	0.72	0.03	1 373	1 549	-1.65	0.34	3 903	4 271	6.75	0.32
Russia	9 259	10 381	5.94	0.83	1 345	990	-10.03	-2.09	175	224	22.58	0.77
Ukraine	2 380	2 569	3.30	1.14	102	177	-14.66	3.97	222	254	29.57	3.40
OCEANIA DEVELOPED	6 545	7 095	1.76	1.21	398	441	4.02	1.11	3 400	3 424	2.28	1.06
Australia	5 146	5 680	2.28	1.42	323	371	3.69	1.50	2 320	2 394	3.03	1.54
New Zealand	1 399	1 414	0.04	0.41	74	69	5.56	-0.74	1 080	1 030	0.78	0.03
OTHER DEVELOPED ¹	9 713	10 386	1.66	0.74	3 565	3 921	2.19	0.42	193	154	17.92	-1.34
Japan	3 261	3 294	0.49	0.16	2 434	2 427	1.47	-0.49	13	17	5.05	2.58
Kazakhstan	834	938	0.48	1.13	157	203	-3.69	4.37	1	0	-21.50	-0.94
South Africa	2 921	3 075	2.31	0.72	559	748	8.54	1.28	167	126	33.99	-1.77
DEVELOPING COUNTRIES	190 416	219 933	2.36	1.43	18 467	23 155	6.54	1.78	12 677	14 873	3.21	1.77
AFRICA	12 995	15 836	2.19	2.14	2 268	3 220	6.55	3.58	91	93	-3.04	1.01
NORTH AFRICA	4 258	4 968	2.85	1.62	594	988	6.42	3.61	22	16	21.27	-3.36
Algeria	721	850	3.87	1.65	94	143	2.22	4.24	2	1	177.97	-6.26
Egypt	1 952	2 234	1.90	1.54	366	547	5.25	1.90	17	14	25.81	-1.93
SUB-SAHARAN AFRICA	8 736	10 868	1.88	2.39	1 673	2 231	6.62	3.57	69	77	-5.63	2.22
Ethiopia	608	822	0.62	3.76	0	0	1.09	50.45	17	36	14.18	8.51
Ghana	141	166	4.34	1.52	149	254	4.57	4.72	0	0	-62.50	-0.38
Mozambique	212	266	3.77	2.10	40	115	17.02	11.45	0	0	0.00	-3.21
Nigeria	1 289	1 629	1.66	2.38	4	6	153.98	3.22	1	1	206.78	-1.00
Tanzania	480	675	2.08	3.24	4	29	14.90	19.50	0	0	-16.87	-11.90
Zambia	299	418	10.30	3.37	3	23	212.52	23.77	0	0	-35.51	-9.26
LATIN AMERICA and CARIBBEAN	51 304	59 163	1.80	1.26	3 602	4 077	3.76	0.77	8 323	10 280	0.88	1.94
Argentina	5 250	6 247	0.74	1.38	27	29	-10.57	0.90	489	1 002	-4.79	8.30
Brazil	26 585	30 563	1.70	1.13	74	66	14.35	-2.84	6 290	7 764	0.82	1.87
Chile	1 465	1 586	1.20	0.96	407	542	11.89	0.81	312	323	3.35	0.37
Colombia	2 508	2 787	3.06	1.04	131	193	12.80	4.11	17	3	-18.67	-15.16
Mexico	6 186	7 523	1.77	1.83	1 670	1 873	5.05	0.44	262	324	15.53	0.53
Paraguay	815	929	4.03	1.10	11	20	9.89	5.30	369	382	8.58	0.10
Peru	1 683	1 982	5.17	1.50	49	97	11.50	3.82	2	3	-3.47	0.03
Uruguay	707	678	1.08	-1.01	48	62	15.97	1.73	350	301	-0.35	-2.86
ASIA and PACIFIC	126 117	144 934	2.62	1.42	12 598	15 858	7.45	1.72	4 263	4 500	9.81	1.40
Bangladesh	639	785	1.80	2.16	1	7	8.83	19.62	0	0	0.00	-7.51
China ²	84 398	95 823	2.44	1.34	2 465	2 690	13.06	-0.44	609	597	1.32	1.59
India	6 413	8 141	2.00	2.11	1	0	-40.34	40.71	1 785	1 972	15.04	1.82
Indonesia	3 348	4 032	4.63	1.78	92	195	1.63	6.70	0	0	-68.08	-5.77
Iran	2 675	3 003	2.20	1.29	127	201	-3.28	3.31	81	10	17.43	-21.29
Korea	2 375	2 520	3.41	0.49	1 100	1 366	4.13	1.30	38	40	8.39	-0.65
Malaysia	1 672	1 930	3.59	1.42	325	435	6.77	1.93	69	55	11.00	-2.05
Pakistan	3 143	3 907	3.86	2.06	28	50	17.71	3.65	66	23	15.33	-8.29
Philippines	3 194	3 614	2.06	1.09	433	856	8.29	5.64	13	9	2.27	-0.70
Saudi Arabia	727	886	2.79	1.95	1 145	1 453	7.15	1.58	93	91	32.23	-0.88
Thailand	2 975	3 330	2.80	1.04	35	33	24.06	1.01	930	1 207	6.78	2.42
Turkey	3 213	3 580	7.86	1.22	13	11	23.07	0.24	388	323	24.38	1.94
Viet Nam	4 369	5 089	2.50	1.53	1 830	2 603	21.93	2.99	26	26	1.80	-1.95
LEAST DEVELOPED COUNTRIES (LDC)	10 179	12 768	2.70	2.40	1 396	1 812	6.74	3.83	28	46	4.89	5.61
OECD³	117 047	126 952	0.88	0.60	10 399	11 384	2.19	0.58	16 929	18 771	3.45	1.11
BRICS	129 576	147 982	2.47	1.29	4 444	4 495	1.18	-0.62	9 026	10 683	3.18	1.77

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.16.2. Meat projections: Consumption, food

Calendar year

	CONSUMPTION (kt cwe)		Growth (%) ⁴		FOOD (kg rwe/cap) ⁵		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	311 966	352 685	1.80	1.09	34.1	34.6	0.68	0.11
DEVELOPED COUNTRIES	115 907	124 512	0.52	0.47	66.4	69.3	0.21	0.22
NORTH AMERICA	41 103	45 988	0.14	0.72	92.1	95.3	-0.58	0.03
Canada	3 095	3 455	-0.15	0.91	69.1	70.6	-1.08	0.13
United States	38 008	42 533	0.17	0.71	94.6	98.1	-0.53	0.02
EUROPE	58 622	60 694	0.51	0.19	63.5	66.1	0.52	0.23
European Union	43 062	43 999	0.18	0.04	68.1	69.2	0.10	-0.01
Russia	10 496	11 285	1.78	0.54	59.2	64.8	2.00	0.73
Ukraine	2 262	2 493	0.40	1.12	41.3	48.5	0.98	1.71
OCEANIA DEVELOPED	3 136	3 651	1.72	1.16	89.1	92.0	0.32	0.07
Australia	2 748	3 203	2.17	1.19	92.7	95.3	0.63	0.06
New Zealand	388	448	-1.09	0.91	69.7	73.9	-1.75	0.10
OTHER DEVELOPED ¹	13 047	14 180	1.59	0.70	38.3	39.9	1.01	0.36
Japan	5 662	5 704	0.88	-0.11	35.7	37.3	1.01	0.22
Kazakhstan	993	1 144	-0.22	1.63	44.6	46.2	-1.42	0.74
South Africa	3 230	3 658	2.12	1.00	49.0	51.5	1.13	0.36
DEVELOPING COUNTRIES	196 059	228 172	2.63	1.45	26.5	27.2	1.28	0.30
AFRICA	15 126	19 018	2.76	2.40	10.7	10.3	0.16	-0.03
NORTH AFRICA	4 897	6 007	3.16	1.92	21.8	22.7	1.39	0.51
Algeria	835	1 014	3.05	1.95	17.5	18.2	1.23	0.56
Egypt	2 329	2 795	2.40	1.61	20.0	19.9	0.29	-0.03
SUB-SAHARAN AFRICA	10 229	13 011	2.57	2.63	8.6	8.2	-0.18	0.01
Ethiopia	563	784	-0.21	3.77	4.3	4.7	-2.62	1.39
Ghana	294	424	4.44	3.30	9.1	10.6	2.19	1.31
Mozambique	252	381	5.15	4.17	7.2	8.2	2.18	1.48
Nigeria	1 361	1 749	1.67	2.43	6.0	5.9	-1.19	-0.02
Tanzania	484	704	2.12	3.56	6.9	7.3	-0.97	0.61
Zambia	302	441	10.52	3.87	13.9	14.5	6.76	0.82
LATIN AMERICA and CARIBBEAN	46 091	52 416	2.09	1.09	58.5	60.3	1.04	0.22
Argentina	4 788	5 274	1.37	0.42	85.7	86.1	0.58	-0.38
Brazil	20 050	22 525	1.96	0.86	76.8	79.9	1.07	0.19
Chile	1 540	1 795	2.66	1.03	68.8	72.8	1.57	0.16
Colombia	2 607	2 963	4.02	1.26	43.8	46.4	3.13	0.63
Mexico	7 346	8 776	2.06	1.56	47.1	50.0	0.73	0.49
Paraguay	458	567	1.36	1.96	51.7	56.2	0.13	0.78
Peru	1 730	2 076	5.33	1.59	46.9	49.8	4.07	0.48
Uruguay	358	398	2.93	0.88	78.7	84.7	2.56	0.55
ASIA and PACIFIC	134 841	156 739	2.81	1.46	26.0	27.6	1.71	0.66
Bangladesh	640	792	1.81	2.25	3.3	3.6	0.69	1.31
China ²	86 197	97 843	2.69	1.30	50.1	55.4	2.15	1.09
India	4 630	6 170	-0.84	2.20	3.0	3.5	-1.57	1.18
Indonesia	3 501	4 322	4.16	2.00	11.2	12.4	2.84	1.02
Iran	2 705	3 185	1.70	1.70	29.3	31.4	0.59	0.92
Korea	3 480	3 845	3.57	0.78	54.7	58.4	3.07	0.49
Malaysia	1 942	2 323	3.85	1.61	54.2	56.6	2.25	0.40
Pakistan	3 099	3 927	3.76	2.18	12.8	13.3	1.70	0.41
Philippines	3 618	4 464	2.59	1.83	29.0	30.8	1.17	0.45
Saudi Arabia	1 918	2 405	4.84	1.80	52.4	55.7	2.45	0.34
Thailand	1 918	2 002	0.96	0.47	23.0	23.7	0.72	0.41
Turkey	2 860	3 292	6.75	1.15	29.9	31.6	4.74	0.48
Viet Nam	6 185	7 678	5.92	2.01	52.0	59.0	4.71	1.23
LEAST DEVELOPED COUNTRIES (LDC)	11 402	14 472	3.08	2.60	9.6	9.5	0.76	0.36
OECD³	109 923	118 992	0.64	0.52	67.1	69.5	0.13	0.13
BRICS	124 602	141 480	2.33	1.19	32.3	34.3	1.50	0.60

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.17.1. 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 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	68 471	76 341	0.54	0.98	8 847	10 581	3.44	1.58	9 220	10 559	3.09	1.67
DEVELOPED COUNTRIES	29 428	31 045	-0.36	0.35	3 594	3 746	-0.48	1.00	4 364	4 516	3.50	0.65
NORTH AMERICA	12 073	13 724	-1.20	0.59	1 610	1 598	1.24	1.13	1 506	1 805	2.54	1.18
Canada	1 338	1 481	-3.24	0.73	201	243	0.10	0.66	393	475	-2.83	1.36
United States	10 735	12 243	-0.93	0.57	1 410	1 355	1.39	1.22	1 112	1 331	5.08	1.12
EUROPE	10 564	10 268	-0.76	-0.28	1 022	1 028	-3.81	0.47	413	335	10.19	-2.05
European Union	7 902	7 571	-0.58	-0.61	306	315	-3.05	0.11	213	179	24.04	-2.11
Russia	1 602	1 698	-1.13	1.28	604	550	-4.84	-0.16	45	44	3.77	0.00
Ukraine	394	374	-3.21	0.22	2	25	-25.60	34.75	23	1	-0.06	-20.87
OCEANIA DEVELOPED	3 540	3 566	1.92	0.84	27	24	8.52	0.00	2 376	2 335	2.94	0.74
Australia	2 871	2 957	2.23	1.21	13	14	6.35	0.00	1 790	1 811	3.36	1.27
New Zealand	670	608	0.67	-0.78	13	10	11.25	0.00	586	524	1.72	-0.92
OTHER DEVELOPED ¹	3 251	3 487	2.26	0.83	935	1 096	0.65	1.36	69	40	27.54	-2.28
Japan	483	452	-0.95	-0.24	721	747	1.00	0.22	2	3	19.05	0.00
Kazakhstan	411	436	0.47	0.64	21	69	-9.16	11.67	1	0	108.33	-2.63
South Africa	963	980	3.02	0.39	26	36	6.67	2.72	62	34	33.75	-2.64
DEVELOPING COUNTRIES	39 043	45 297	1.26	1.43	5 253	6 836	6.98	1.92	4 856	6 043	2.76	2.51
AFRICA	5 300	6 362	1.67	2.11	721	1 097	2.85	3.30	33	29	-6.51	-1.39
NORTH AFRICA	1 284	1 461	2.32	1.41	460	692	4.24	2.57	7	10	84.68	-0.27
Algeria	118	125	9.10	0.89	84	129	1.90	4.31	0	0	0.00	-0.30
Egypt	840	922	1.02	1.15	333	492	5.49	1.87	7	10	99.67	-0.27
SUB-SAHARAN AFRICA	4 016	4 901	1.48	2.33	262	405	0.58	4.69	26	19	-9.36	-1.91
Ethiopia	381	514	-0.05	4.03	0	0	70.17	74.94	0	0	-10.68	-53.03
Ghana	21	23	-0.04	1.01	9	11	-8.58	-0.49	0	0	0.00	0.03
Mozambique	26	34	4.35	2.49	6	21	24.78	12.20	0	0	0.00	-1.18
Nigeria	366	426	5.16	1.69	3	4	190.76	1.19	1	1	287.68	-1.00
Tanzania	310	433	1.53	3.12	2	11	74.26	15.39	0	0	0.00	-13.20
Zambia	209	300	14.32	3.55	1	9	209.31	29.63	0	0	0.00	-26.59
LATIN AMERICA and CARIBBEAN	18 057	20 403	0.28	1.09	707	905	-2.18	1.77	2 818	3 872	-1.56	3.12
Argentina	2 680	3 264	-2.21	1.46	7	7	6.96	0.00	213	693	-11.60	11.84
Brazil	9 519	10 855	0.62	1.15	42	46	13.95	-1.01	1 549	2 178	-2.22	3.65
Chile	232	202	-0.43	0.10	237	333	8.05	1.66	9	9	-5.93	-1.28
Colombia	856	863	-0.02	0.32	4	7	10.73	6.07	14	0	-18.53	-33.33
Mexico	1 846	2 161	1.48	1.45	163	187	-6.28	0.67	161	200	26.61	-0.21
Paraguay	593	678	4.52	1.04	3	3	16.14	-0.10	366	380	8.63	0.13
Peru	204	228	3.19	1.04	6	25	0.12	9.87	0	0	0.00	-3.58
Uruguay	590	554	1.39	-1.31	4	4	67.26	-0.66	329	287	-0.23	-3.03
ASIA and PACIFIC	15 686	18 532	2.34	1.58	3 825	4 834	11.03	1.66	2 004	2 142	14.09	1.54
Bangladesh	202	208	0.71	0.66	1	2	95.59	1.73	0	0	0.00	-4.12
China ²	7 005	8 706	1.71	1.91	569	865	81.92	1.44	37	42	-8.06	2.76
India	2 627	3 042	0.97	1.54	0	0	-80.72	0.16	1 755	1 930	15.49	1.80
Indonesia	523	630	9.16	2.02	81	155	1.37	5.71	0	0	-74.21	-0.39
Iran	252	226	-2.26	-0.92	119	193	-1.31	3.23	4	4	103.14	-0.82
Korea	322	319	4.28	0.30	385	485	3.53	0.99	7	4	19.03	-4.81
Malaysia	17	15	1.67	-2.21	211	267	5.74	1.93	14	11	12.78	-1.89
Pakistan	1 731	2 115	3.18	1.79	4	18	-0.70	16.22	32	2	11.70	-23.61
Philippines	292	261	0.89	-1.20	135	226	-1.10	5.14	3	1	-3.66	-0.78
Saudi Arabia	55	99	14.33	6.77	152	138	3.87	-1.24	29	32	171.81	1.25
Thailand	238	224	0.00	-0.20	24	23	22.96	1.33	43	32	27.47	-1.31
Turkey	916	1 059	12.55	1.35	9	7	1 293.64	0.60	16	13	27.93	3.03
Viet Nam	340	342	0.14	0.54	953	1 197	29.92	1.59	0	0	0.00	-0.11
LEAST DEVELOPED COUNTRIES (LDC)	3 925	4 763	1.73	2.24	183	339	0.49	6.41	2	1	1.26	-7.63
OECD³	27 605	29 350	-0.12	0.36	3 611	3 904	0.95	0.94	4 292	4 551	3.80	0.74
BRICS	21 715	25 281	0.96	1.43	1 242	1 497	5.43	0.77	3 449	4 229	4.21	2.65

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.17.2. Beef and veal projections: Consumption, food

Calendar year

	CONSUMPTION (kt cwe)		Growth (%) ⁴		FOOD (kg rwe/cap) ⁵		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	67 538	76 041	0.45	0.97	6.4	6.5	-0.73	-0.02
DEVELOPED COUNTRIES	28 347	30 096	-1.04	0.40	14.2	14.6	-1.45	0.14
NORTH AMERICA	12 424	13 838	-1.26	0.57	24.3	25.1	-2.07	-0.13
Canada	893	1 012	-1.73	0.72	17.4	18.0	-2.77	-0.08
United States	11 532	12 826	-1.23	0.56	25.1	25.9	-2.01	-0.13
EUROPE	11 013	10 854	-1.65	-0.06	10.4	10.3	-1.76	-0.04
European Union	7 818	7 563	-1.21	-0.45	10.8	10.4	-1.38	-0.52
Russia	2 177	2 240	-2.96	1.01	10.6	11.1	-2.99	1.21
Ukraine	372	397	-3.96	1.12	5.8	6.6	-3.59	1.73
OCEANIA DEVELOPED	819	846	-0.43	0.39	20.1	18.3	-1.92	-0.72
Australia	734	759	0.19	0.43	21.4	19.4	-1.44	-0.74
New Zealand	85	88	-5.02	0.08	13.2	12.4	-5.77	-0.74
OTHER DEVELOPED ¹	4 091	4 558	1.46	1.04	10.5	11.2	0.81	0.70
Japan	1 201	1 196	0.23	0.02	6.6	6.8	0.31	0.36
Kazakhstan	434	508	-0.21	1.64	17.2	18.2	-1.64	0.74
South Africa	834	931	0.54	0.87	10.7	11.1	-0.58	0.22
DEVELOPING COUNTRIES	39 191	45 945	1.66	1.36	4.6	4.8	0.27	0.20
AFRICA	6 036	7 601	1.85	2.35	3.7	3.6	-0.79	-0.09
NORTH AFRICA	1 803	2 212	2.63	1.72	6.9	7.2	0.83	0.30
Algeria	224	276	1.76	2.27	4.0	4.2	-0.11	0.89
Egypt	1 195	1 434	2.19	1.38	9.1	9.1	0.07	-0.29
SUB-SAHARAN AFRICA	4 234	5 389	1.53	2.61	3.1	3.0	-1.27	-0.01
Ethiopia	353	513	-0.97	4.32	2.5	2.8	-3.48	2.00
Ghana	32	36	-3.26	0.47	0.8	0.7	-5.58	-1.52
Mozambique	33	55	6.44	5.36	0.8	1.0	3.50	2.63
Nigeria	431	538	4.46	2.02	1.7	1.6	1.71	-0.45
Tanzania	311	444	1.57	3.27	4.1	4.2	-1.59	0.28
Zambia	210	309	14.38	3.84	9.1	9.6	10.97	0.80
LATIN AMERICA and CARIBBEAN	15 440	16 878	0.42	0.68	17.1	16.9	-0.72	-0.21
Argentina	2 474	2 578	-0.88	-0.26	39.9	37.7	-1.90	-1.12
Brazil	7 692	8 384	1.20	0.54	25.9	26.2	0.27	-0.12
Chile	440	516	3.01	1.11	17.2	18.3	1.91	0.25
Colombia	831	856	1.33	0.48	12.1	11.5	0.30	-0.20
Mexico	1 588	1 837	-0.83	1.51	8.8	9.0	-2.24	0.44
Paraguay	230	301	-0.05	2.29	24.2	27.9	-1.37	1.12
Peru	210	253	3.04	1.64	4.7	5.0	1.71	0.53
Uruguay	217	230	2.30	0.91	44.3	45.2	1.95	0.58
ASIA and PACIFIC	17 714	21 467	2.78	1.59	3.0	3.3	1.66	0.77
Bangladesh	203	210	0.74	0.66	0.9	0.8	-0.44	-0.36
China ²	7 564	9 540	2.98	1.84	3.8	4.7	2.45	1.62
India	875	1 115	-9.88	1.10	0.5	0.5	-11.04	0.05
Indonesia	682	889	4.89	2.63	1.9	2.2	3.55	1.66
Iran	368	417	-2.40	0.81	3.3	3.4	-3.59	0.01
Korea	719	799	4.41	0.75	10.0	10.7	3.88	0.45
Malaysia	228	283	4.73	1.74	5.3	5.7	3.11	0.53
Pakistan	1 697	2 125	3.01	1.97	6.3	6.4	0.88	0.18
Philippines	427	490	-0.08	1.28	3.0	2.9	-1.63	-0.12
Saudi Arabia	179	205	2.49	1.48	4.0	3.9	0.11	0.02
Thailand	170	182	-2.00	0.63	1.8	1.9	-2.31	0.58
Turkey	932	1 076	12.77	1.31	8.3	8.8	11.00	0.64
Viet Nam	1 306	1 551	14.72	1.34	9.8	10.6	13.48	0.50
LEAST DEVELOPED COUNTRIES (LDC)	4 043	5 132	1.64	2.56	3.0	2.9	-0.74	0.31
OECD³	26 448	28 240	-0.59	0.36	14.1	14.4	-1.18	-0.04
BRICS	19 142	22 209	0.47	1.17	4.3	4.7	-0.39	0.57

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.18.1. 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 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	116 907	127 526	1.73	0.89	7 017	7 624	3.80	0.41	7 029	7 679	3.48	0.55
DEVELOPED COUNTRIES	43 006	45 596	0.77	0.37	2 919	3 017	-1.00	0.43	5 992	6 566	4.19	0.52
NORTH AMERICA	12 789	14 542	0.93	0.79	693	796	2.47	1.49	3 543	3 986	3.19	0.83
Canada	2 005	2 120	-0.44	0.54	207	281	2.23	2.18	1 260	1 397	1.94	0.47
United States	10 784	12 422	1.21	0.83	487	515	2.57	1.14	2 282	2 589	3.98	1.03
EUROPE	28 108	28 869	0.81	0.16	572	505	-8.22	-0.21	2 380	2 510	5.88	0.04
European Union	23 194	23 342	0.22	0.04	13	23	-15.21	4.80	2 281	2 419	5.89	0.02
Russia	3 074	3 590	5.96	0.77	425	320	-8.21	-2.06	4	5	52.81	0.00
Ukraine	733	712	3.04	0.55	18	80	-26.82	16.64	16	0	173.20	-16.47
OCEANIA DEVELOPED	418	498	0.51	1.58	366	412	3.91	1.19	43	54	-3.38	2.38
Australia	372	433	0.74	1.32	310	358	3.59	1.56	43	54	-3.39	2.40
New Zealand	46	65	-1.20	3.51	56	54	5.79	-0.95	0	0	0.13	-2.79
OTHER DEVELOPED ¹	1 692	1 686	-1.00	0.00	1 288	1 304	0.89	-0.15	26	16	26.88	-2.99
Japan	1 263	1 259	0.03	-0.06	1 187	1 180	1.06	-0.42	1	1	-8.21	0.00
Kazakhstan	100	101	-10.12	0.34	7	17	-17.87	14.54	0	0	0.00	-1.86
South Africa	234	226	-1.47	-0.07	32	45	0.84	3.24	26	15	32.69	-3.14
DEVELOPING COUNTRIES	73 901	81 930	2.33	1.20	4 098	4 607	8.72	0.40	1 037	1 113	0.17	0.72
AFRICA	1 132	1 379	3.85	2.13	269	368	9.43	3.47	4	0	-5.77	-14.06
NORTH AFRICA	28	32	16.08	1.36	0	0	-34.32	26.32	1	0	42.81	-6.13
Algeria	3	3	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
Egypt	21	24	37.96	1.46	0	0	-39.84	41.56	1	0	52.90	-26.38
SUB-SAHARAN AFRICA	1 104	1 347	3.66	2.15	269	368	9.48	3.47	3	0	-7.79	-14.07
Ethiopia	2	3	0.00	4.79	0	0	0.00	47.16	0	0	0.00	-32.05
Ghana	23	25	4.31	0.64	4	16	-0.84	10.92	0	0	0.00	-0.85
Mozambique	134	167	5.32	1.88	3	27	74.86	27.41	0	0	0.00	-13.59
Nigeria	256	321	2.39	2.51	1	2	607.44	8.19	0	0	0.00	-8.32
Tanzania	15	13	0.67	-1.19	2	6	75.55	9.89	0	0	0.00	-0.77
Zambia	33	47	7.06	4.28	0	0	0.00	0.63	0	0	0.00	-1.57
LATIN AMERICA and CARIBBEAN	7 494	9 126	2.25	1.81	1 086	1 295	7.55	0.85	801	911	0.18	0.84
Argentina	471	560	7.81	1.24	9	12	-18.18	2.34	11	6	13.46	-6.70
Brazil	3 546	4 500	2.07	2.07	22	10	12.96	-9.66	508	607	-1.52	0.92
Chile	523	560	0.58	1.01	53	72	40.14	-0.55	162	157	1.94	0.55
Colombia	236	233	4.38	-0.18	64	93	31.59	5.61	0	0	0.00	-0.39
Mexico	1 307	1 685	1.97	2.22	683	791	8.30	0.88	97	119	7.08	1.65
Paraguay	179	205	2.83	1.46	3	5	15.61	3.90	3	2	41.60	-5.28
Peru	124	125	1.15	0.43	9	27	21.91	8.63	0	0	0.00	-1.14
Uruguay	23	23	2.34	-0.21	38	49	15.99	1.40	0	0	0.00	-0.10
ASIA and PACIFIC	65 275	71 425	2.32	1.11	2 743	2 944	9.12	-0.11	232	202	0.11	0.27
Bangladesh	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
China ²	54 663	59 309	2.44	1.08	1 161	1 060	28.73	-2.15	140	117	-2.82	1.76
India	356	450	-0.98	2.46	1	0	-41.09	7.89	0	0	-77.02	-11.62
Indonesia	765	904	2.42	1.77	5	11	19.94	6.50	0	0	-24.59	-3.91
Iran	0	0	0.00	0.00	3	3	94.40	0.00	3	3	129.32	0.00
Korea	1 216	1 303	2.22	0.35	563	674	3.52	1.22	3	3	3.81	0.00
Malaysia	230	255	1.79	1.24	23	33	18.73	0.71	5	4	5.92	-0.46
Pakistan	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
Philippines	1 719	2 030	0.87	1.41	107	146	14.72	5.72	3	3	5.74	-0.61
Saudi Arabia	0	0	0.00	0.00	10	10	143.55	0.00	0	0	0.00	0.00
Thailand	1 108	1 168	1.67	0.36	3	3	290.34	-0.68	30	29	11.93	-2.35
Turkey	17	17	133.47	0.00	1	1	133.24	0.00	11	9	32.06	0.00
Viet Nam	3 354	3 851	2.52	1.34	145	274	21.39	6.69	26	26	2.05	-1.95
LEAST DEVELOPED COUNTRIES (LDC)	1 565	1 867	3.71	1.81	197	258	7.73	3.97	0	0	-16.78	-3.33
OECD³	41 120	43 620	0.56	0.40	3 574	3 962	3.16	0.66	6 143	6 750	4.09	0.55
BRICS	61 874	68 074	2.53	1.13	1 640	1 435	6.84	-2.09	678	744	-1.26	0.93

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.18.2. Pigmeat projections: Consumption, food

Calendar year

	CONSUMPTION (kt cwe)		Growth (%) ⁴		FOOD (kg rwe/cap) ⁵		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	116 912	127 521	1.73	0.90	12.4	12.1	0.53	-0.10
DEVELOPED COUNTRIES	39 989	42 140	0.18	0.35	22.3	22.8	-0.24	0.09
NORTH AMERICA	9 931	11 332	0.36	0.83	21.6	22.9	-0.46	0.13
Canada	781	817	-0.45	0.93	17.0	16.2	-1.50	0.13
United States	9 149	10 515	0.43	0.83	22.2	23.6	-0.36	0.13
EUROPE	26 367	26 978	0.11	0.17	27.8	28.5	0.00	0.19
European Union	20 903	20 927	-0.25	0.05	32.3	32.0	-0.42	-0.02
Russia	3 560	4 015	2.23	0.48	19.4	22.2	2.20	0.69
Ukraine	737	794	0.37	1.39	12.8	14.7	0.76	2.00
OCEANIA DEVELOPED	739	855	2.39	1.34	20.2	20.6	0.87	0.22
Australia	637	737	2.43	1.36	20.7	21.0	0.76	0.19
New Zealand	102	119	2.21	1.25	17.5	18.7	1.40	0.42
OTHER DEVELOPED ¹	2 952	2 974	-0.33	-0.04	8.4	8.2	-0.96	-0.38
Japan	2 447	2 438	0.51	-0.24	15.1	15.5	0.60	0.10
Kazakhstan	107	118	-10.81	1.43	4.8	4.7	-12.09	0.54
South Africa	240	256	-2.41	0.66	3.4	3.4	-3.50	0.02
DEVELOPING COUNTRIES	76 923	85 381	2.64	1.18	10.1	9.8	1.24	0.02
AFRICA	1 397	1 747	4.78	2.41	1.0	0.9	2.07	-0.03
NORTH AFRICA	26	31	14.33	1.40	0.1	0.1	12.33	-0.02
Algeria	3	3	0.00	0.00	0.1	0.1	-1.84	-1.34
Egypt	19	23	33.23	1.53	0.2	0.2	30.47	-0.14
SUB-SAHARAN AFRICA	1 370	1 716	4.66	2.43	1.1	1.1	1.78	-0.19
Ethiopia	2	3	0.00	4.83	0.0	0.0	-2.53	2.50
Ghana	28	42	3.36	3.51	0.8	0.9	0.87	1.46
Mozambique	138	194	5.57	3.40	3.8	4.0	2.66	0.72
Nigeria	258	324	2.48	2.53	1.1	1.1	-0.22	0.05
Tanzania	17	19	1.48	1.22	0.2	0.2	-1.67	-1.71
Zambia	32	47	7.00	4.31	1.6	1.6	3.81	1.25
LATIN AMERICA and CARIBBEAN	7 785	9 520	3.10	1.77	9.6	10.6	1.92	0.87
Argentina	469	566	5.93	1.39	8.4	9.2	4.84	0.51
Brazil	3 059	3 903	2.85	2.20	11.5	13.6	1.90	1.52
Chile	414	475	1.83	0.90	18.0	18.7	0.74	0.04
Colombia	300	326	7.16	1.18	4.9	4.9	6.07	0.49
Mexico	1 900	2 367	3.53	1.77	11.7	12.9	2.07	0.70
Paraguay	179	208	2.82	1.59	21.0	21.5	1.46	0.43
Peru	133	152	1.90	1.40	3.3	3.3	0.58	0.30
Uruguay	61	71	9.16	0.85	13.9	15.6	8.79	0.52
ASIA and PACIFIC	67 741	74 115	2.54	1.08	12.6	12.6	1.43	0.26
Bangladesh	0	0	0.00	0.00	0.0	0.0	-1.17	-1.01
China ²	55 600	60 167	2.74	1.03	31.5	33.1	2.20	0.81
India	357	450	-0.94	2.46	0.2	0.2	-2.22	1.40
Indonesia	752	907	2.56	1.98	2.3	2.5	1.26	1.03
Iran	0	0	-10.68	0.00	0.0	0.0	-11.77	-0.79
Korea	1 801	1 974	2.44	0.64	27.9	29.5	1.91	0.34
Malaysia	248	284	2.61	1.20	6.4	6.4	1.02	0.00
Pakistan	0	0	0.00	0.00	0.0	0.0	-2.08	-1.76
Philippines	1 824	2 173	1.35	1.64	14.1	14.4	-0.22	0.24
Saudi Arabia	10	10	143.55	0.00	0.2	0.2	137.89	-1.44
Thailand	958	1 021	0.70	0.62	11.0	11.6	0.38	0.57
Turkey	7	9	422.17	0.00	0.1	0.1	414.00	-0.65
Viet Nam	3 473	4 098	2.96	1.62	29.0	31.1	1.85	0.79
LEAST DEVELOPED COUNTRIES (LDC)	1 771	2 142	4.15	2.06	1.4	1.4	1.71	-0.17
OECD³	38 548	40 802	0.31	0.41	22.9	23.1	-0.28	0.00
BRICS	62 817	68 791	2.66	1.07	15.8	16.2	1.78	0.46

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.19.1. Poultry meat projections: Production and trade

Calendar year

	PRODUCTION (kt rtc)		Growth (%) ⁴		IMPORTS (kt rtc)		Growth (%) ⁴		EXPORTS (kt rtc)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	113 875	131 609	2.93	1.24	11 600	14 226	2.95	1.63	12 218	14 226	3.83	1.63
DEVELOPED COUNTRIES	47 328	52 756	2.54	0.83	3 111	3 231	-1.87	-0.33	5 528	6 645	3.34	1.98
NORTH AMERICA	21 768	24 494	0.99	1.03	344	373	2.43	0.80	3 532	4 231	0.60	2.36
Canada	1 301	1 495	1.09	1.11	268	291	0.90	1.03	183	197	0.10	1.42
United States	20 467	22 999	0.99	1.02	76	82	10.10	0.00	3 349	4 035	0.63	2.40
EUROPE	20 229	22 233	4.39	0.54	1 458	1 365	-6.65	-1.27	1 848	2 256	10.35	1.40
European Union	13 786	14 990	2.66	0.34	856	984	0.13	0.15	1 386	1 648	6.57	1.06
Russia	4 391	4 890	10.24	0.74	308	116	-17.30	-7.92	126	175	71.40	1.00
Ukraine	1 234	1 460	6.73	1.70	82	72	-11.16	-3.72	182	253	50.66	3.90
OCEANIA DEVELOPED	1 377	1 720	4.50	1.54	0	0	..	..	51	61	5.15	2.79
Australia	1 178	1 486	4.55	1.63	0	0	..	..	38	44	2.18	4.04
New Zealand	198	234	4.22	0.99	0	0	..	..	14	16	18.95	0.00
OTHER DEVELOPED ¹	3 954	4 310	2.23	0.89	1 309	1 494	5.51	0.32	97	97	12.36	-0.60
Japan	1 515	1 583	1.39	0.45	506	483	4.08	-1.57	10	13	4.77	3.46
Kazakhstan	162	215	12.83	2.17	129	117	-0.50	0.88	0	0	-66.12	-0.06
South Africa	1 553	1 684	2.78	0.97	490	660	10.28	1.17	78	76	36.87	-1.06
DEVELOPING COUNTRIES	66 546	78 852	3.21	1.53	8 489	10 994	5.39	2.28	6 690	7 581	4.24	1.33
AFRICA	3 564	4 177	2.67	1.66	1 257	1 722	9.19	3.76	21	10	-0.75	-5.93
NORTH AFRICA	2 243	2 575	3.16	1.49	127	282	23.53	6.39	14	7	18.63	-6.63
Algeria	285	328	0.99	1.41	5	10	15.79	5.24	2	1	210.61	-6.26
Egypt	959	1 107	2.84	1.64	31	54	7.00	2.34	9	5	85.02	-4.66
SUB-SAHARAN AFRICA	1 321	1 602	1.88	1.94	1 130	1 440	8.18	3.31	7	3	-11.89	-4.34
Ethiopia	62	81	3.49	2.63	0	0	0.00	34.85	0	0	0.00	-38.48
Ghana	55	56	4.78	0.16	132	220	7.46	4.69	0	0	-66.63	-0.33
Mozambique	26	27	-0.65	0.04	31	66	15.32	8.04	0	0	0.00	-0.55
Nigeria	187	248	-4.36	2.54	0	0	-29.10	1.41	0	0	0.00	-1.74
Tanzania	91	122	1.94	2.89	0	12	-0.29	50.47	0	0	-19.15	-43.78
Zambia	47	57	3.00	1.69	2	14	236.05	21.16	0	0	-38.66	-6.88
LATIN AMERICA and CARIBBEAN	25 373	29 215	2.89	1.23	1 783	1 851	5.18	0.25	4 685	5 479	2.89	1.35
Argentina	2 038	2 355	4.41	1.31	10	10	-5.20	0.00	263	300	5.67	3.23
Brazil	13 434	15 122	2.43	0.86	3	3	21.91	0.00	4 232	4 979	2.60	1.29
Chile	696	809	2.34	1.17	116	137	15.83	-0.34	136	152	6.85	0.34
Colombia	1 405	1 677	5.22	1.62	63	93	5.12	2.68	3	2	-1.68	-0.62
Mexico	2 973	3 609	1.87	1.88	812	886	7.21	0.03	4	5	10.91	7.59
Paraguay	39	42	3.04	0.36	6	12	5.72	7.84	0	0	-58.62	-0.54
Peru	1 311	1 577	6.16	1.66	34	45	13.52	-0.21	2	3	-3.47	0.03
Uruguay	60	62	-1.36	-0.06	6	10	26.82	4.89	9	3	8.69	-4.67
ASIA and PACIFIC	37 610	45 460	3.49	1.72	5 449	7 421	4.72	2.53	1 985	2 092	8.35	1.31
Bangladesh	223	289	2.21	2.69	0	6	-0.11	39.56	0	0	0.00	-38.96
China ²	18 358	22 115	2.80	1.59	491	524	-5.66	-0.49	429	430	4.85	1.33
India	2 695	3 860	4.75	2.85	0	0	0.00	52.97	8	0	21.25	-48.50
Indonesia	1 945	2 358	4.94	1.70	3	22	-10.80	20.13	0	0	0.00	-16.00
Iran	2 118	2 401	3.58	1.39	4	4	-34.94	27.04	74	3	16.58	-30.53
Korea	835	897	5.07	0.76	143	196	8.44	2.44	28	33	17.73	0.00
Malaysia	1 424	1 659	3.95	1.49	57	91	6.49	2.55	50	40	11.23	-2.26
Pakistan	945	1 219	6.63	2.57	24	32	37.73	0.32	22	11	340.59	-4.99
Philippines	1 127	1 257	4.58	1.11	190	481	18.33	5.90	8	5	3.06	-0.74
Saudi Arabia	673	788	2.41	1.47	923	1 232	8.27	1.91	62	57	36.19	-1.87
Thailand	1 628	1 936	4.16	1.63	6	5	31.00	0.64	857	1 146	6.11	2.70
Turkey	1 916	2 090	7.26	1.18	2	2	5.37	-0.16	362	301	24.12	1.96
Viet Nam	666	887	3.91	2.86	727	1 125	15.99	3.90	0	0	-40.70	-0.27
LEAST DEVELOPED COUNTRIES (LDC)	2 525	3 244	3.90	2.48	1 013	1 212	8.20	3.20	4	2	-1.70	-5.04
OECD³	45 585	51 018	1.95	0.89	2 842	3 130	3.68	0.03	5 523	6 453	2.91	1.93
BRICS	40 431	47 671	3.42	1.34	1 292	1 303	-6.62	-0.75	4 873	5 659	3.34	1.24

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.19.2. Poultry meat projections: Consumption, food

Calendar year

	CONSUMPTION (kt rfc)		Growth (%) ⁴		FOOD (kg rwe/cap) ⁵		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	113 228	131 607	2.83	1.24	13.6	14.1	1.62	0.25
DEVELOPED COUNTRIES	44 873	49 343	2.07	0.60	28.2	30.1	1.65	0.34
NORTH AMERICA	18 559	20 635	1.07	0.77	45.6	47.0	0.25	0.06
Canada	1 383	1 588	1.20	1.05	33.9	35.5	0.13	0.25
United States	17 176	19 047	1.06	0.74	47.0	48.3	0.27	0.05
EUROPE	19 841	21 341	2.73	0.33	23.6	25.4	2.62	0.36
European Union	13 256	14 326	2.14	0.25	23.1	24.8	1.97	0.18
Russia	4 573	4 831	4.47	0.38	28.1	30.2	4.44	0.59
Ukraine	1 134	1 279	2.29	0.93	22.3	26.7	2.68	1.53
OCEANIA DEVELOPED	1 325	1 659	4.47	1.50	40.9	45.2	2.92	0.38
Australia	1 141	1 441	4.63	1.57	41.9	46.3	2.93	0.39
New Zealand	184	218	3.57	1.07	35.8	38.7	2.74	0.24
OTHER DEVELOPED ¹	5 148	5 707	2.83	0.78	16.6	17.7	2.17	0.45
Japan	1 994	2 053	1.93	-0.03	13.9	14.8	2.01	0.31
Kazakhstan	291	332	5.42	1.70	14.5	14.9	3.91	0.80
South Africa	1 966	2 268	3.79	1.11	31.7	34.0	2.63	0.46
DEVELOPING COUNTRIES	68 355	82 265	3.36	1.65	10.1	10.7	1.95	0.49
AFRICA	4 800	5 889	4.14	2.25	3.7	3.5	1.44	-0.19
NORTH AFRICA	2 356	2 850	3.74	1.91	11.3	11.7	1.92	0.49
Algeria	289	337	1.06	1.53	6.4	6.4	-0.79	0.17
Egypt	981	1 156	2.88	1.70	9.4	9.2	0.75	0.03
SUB-SAHARAN AFRICA	2 444	3 039	4.54	2.58	2.3	2.1	1.66	-0.05
Ethiopia	62	81	3.49	2.64	0.5	0.6	0.88	0.36
Ghana	187	277	6.74	3.59	6.0	7.1	4.17	1.54
Mozambique	57	93	5.48	5.04	1.8	2.2	2.57	2.32
Nigeria	187	248	-4.41	2.54	0.9	0.9	-6.93	0.06
Tanzania	91	134	1.93	3.87	1.5	1.6	-1.25	0.87
Zambia	50	71	3.86	3.66	2.7	2.8	0.76	0.62
LATIN AMERICA and CARIBBEAN	22 472	25 586	3.05	1.12	31.3	32.2	1.88	0.24
Argentina	1 786	2 065	4.08	1.05	36.2	38.0	3.00	0.17
Brazil	9 205	10 147	2.36	0.65	39.0	39.8	1.41	-0.02
Chile	677	795	3.07	1.05	33.2	35.4	1.97	0.19
Colombia	1 464	1 768	5.24	1.68	26.7	29.8	4.17	0.99
Mexico	3 781	4 490	2.84	1.49	26.2	27.6	1.39	0.42
Paraguay	45	54	3.82	1.65	6.0	6.3	2.44	0.49
Peru	1 342	1 619	6.32	1.61	37.6	40.1	4.95	0.50
Uruguay	57	69	-1.52	0.80	14.6	17.0	-1.85	0.47
ASIA and PACIFIC	41 083	50 790	3.44	1.85	8.6	9.7	2.32	1.03
Bangladesh	224	295	2.20	2.91	1.2	1.4	1.01	1.87
China ²	18 420	22 210	2.43	1.54	11.8	13.8	1.90	1.33
India	2 687	3 860	4.72	2.88	1.8	2.3	3.37	1.81
Indonesia	1 948	2 380	4.91	1.77	6.7	7.3	3.57	0.82
Iran	2 047	2 401	3.05	1.74	22.8	24.3	1.78	0.93
Korea	950	1 060	5.27	1.07	16.6	17.9	4.73	0.77
Malaysia	1 431	1 709	3.85	1.65	41.5	43.3	2.25	0.44
Pakistan	947	1 240	6.60	2.60	4.4	4.7	4.38	0.80
Philippines	1 310	1 733	5.85	2.24	11.4	13.0	4.21	0.82
Saudi Arabia	1 534	1 962	5.18	1.86	42.8	46.3	2.73	0.40
Thailand	787	795	2.07	0.25	10.2	10.2	1.75	0.20
Turkey	1 556	1 791	5.18	1.05	17.4	18.5	3.54	0.39
Viet Nam	1 393	2 011	8.69	3.43	13.1	17.2	7.52	2.58
LEAST DEVELOPED COUNTRIES (LDC)	3 534	4 454	5.07	2.67	3.3	3.2	2.61	0.43
OECD³	42 865	47 695	1.93	0.70	28.7	30.5	1.32	0.29
BRICS	36 850	43 315	2.87	1.28	10.5	11.5	1.99	0.67

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.20.1. 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 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	14 318	17 515	1.27	1.97	997	1 096	1.63	1.66	1 069	1 157	1.04	1.91
DEVELOPED COUNTRIES	3 393	3 662	0.05	1.00	370	379	-3.33	0.51	975	1 020	1.31	1.66
NORTH AMERICA	92	97	-1.42	0.61	116	106	0.89	0.07	12	12	11.20	-0.27
Canada	17	16	1.03	0.13	21	22	-1.32	0.40	0	0	-9.09	-0.79
United States	75	80	-1.90	0.71	94	84	1.46	-0.01	12	12	12.01	-0.26
EUROPE	1 273	1 352	-0.58	0.33	216	239	-4.16	1.09	32	33	16.34	1.17
European Union	951	1 011	-1.27	0.29	199	227	-4.17	1.18	24	25	22.97	2.49
Russia	192	203	1.40	0.48	8	4	-6.22	-1.44	0	0	..	..
Ukraine	19	23	1.81	1.85	0	0	..	-0.13	0	0	0.00	0.04
OCEANIA DEVELOPED	1 211	1 311	-0.77	1.69	5	5	-3.94	0.00	930	974	0.90	1.71
Australia	725	804	0.11	1.90	0	0	..	..	450	484	2.64	2.28
New Zealand	485	507	-1.97	1.36	5	5	-3.94	0.00	480	490	-0.54	1.16
OTHER DEVELOPED ¹	817	903	2.82	1.10	33	28	-8.72	-2.10	1	1	90.74	0.65
Japan	0	0	0.00	0.00	20	17	-9.04	-2.47	0	0	..	..
Kazakhstan	161	186	3.06	1.63	0	0	25.34	0.00	0	0	0.00	-0.33
South Africa	170	185	1.01	1.18	11	7	-9.69	-4.30	1	1	152.02	0.65
DEVELOPING COUNTRIES	10 926	13 853	1.68	2.25	627	718	5.85	2.32	94	136	-1.05	4.00
AFRICA	3 000	3 917	1.99	2.72	20	33	-6.44	5.64	33	54	6.72	5.41
NORTH AFRICA	704	900	2.58	2.37	8	15	-6.32	8.36	0	0	0.00	-2.23
Algeria	314	394	6.51	2.12	4	4	44.32	0.53	0	0	0.00	-0.19
Egypt	132	181	-0.40	3.06	2	1	-7.13	-1.10	0	0	0.00	0.40
SUB-SAHARAN AFRICA	2 296	3 017	1.81	2.83	12	18	-5.85	3.78	33	54	6.72	5.41
Ethiopia	163	224	1.29	3.57	0	0	0.00	1.03	17	36	14.34	8.51
Ghana	42	61	6.87	3.65	3	7	-8.87	5.96	0	0	0.00	-0.43
Mozambique	25	39	1.33	4.58	0	0	0.00	2.28	0	0	0.00	-4.12
Nigeria	480	634	2.06	2.73	0	0	30.61	-1.25	0	0	0.00	1.27
Tanzania	65	107	5.82	4.96	0	0	74.87	4.34	0	0	0.00	-8.34
Zambia	10	14	2.68	3.99	0	0	-81.06	22.47	0	0	0.00	-18.35
LATIN AMERICA and CARIBBEAN	380	419	0.80	0.80	26	26	-7.40	1.01	19	18	-6.86	1.43
Argentina	61	67	1.02	0.79	0	0	-0.08	0.00	2	2	-14.92	-1.75
Brazil	85	86	1.09	-0.04	7	7	..	0.17	0	0	..	..
Chile	14	15	-2.15	0.37	0	0	0.00	1.01	5	5	0.56	-1.00
Colombia	11	14	-0.46	1.17	0	0	-24.59	0.75	0	0	0.00	-0.74
Mexico	59	67	2.05	1.30	11	9	-11.94	-1.80	0	0	23.93	2.43
Paraguay	4	5	3.74	1.78	0	0	..	8.18	0	0	0.00	-7.56
Peru	44	52	1.21	1.35	0	0	0.00	1.17	0	0	0.00	-1.35
Uruguay	34	39	0.26	1.58	0	0	0.00	-0.17	11	11	-7.36	3.50
ASIA and PACIFIC	7 546	9 517	1.60	2.13	581	659	7.77	2.23	42	65	-2.39	3.71
Bangladesh	213	288	2.48	2.86	0	0	0.00	-0.02	0	0	0.00	-0.52
China ²	4 372	5 694	2.03	2.32	244	241	24.47	2.14	3	8	-20.91	9.15
India	736	789	-1.13	0.75	0	0	0.00	-0.66	22	42	4.16	5.86
Indonesia	116	141	-0.61	2.02	3	6	13.60	7.69	0	0	0.00	-1.66
Iran	305	376	-0.99	2.22	1	1	122.72	2.15	0	0	0.00	-1.67
Korea	1	1	-8.44	0.00	9	11	11.12	0.95	0	0	0.00	0.00
Malaysia	1	1	0.13	-0.91	34	45	9.11	1.74	0	0	0.00	-1.71
Pakistan	467	573	1.64	2.00	0	0	-39.84	0.37	12	10	6.28	-2.66
Philippines	56	65	0.83	1.54	1	3	372.92	10.77	0	0	0.00	-3.36
Saudi Arabia	0	0	-74.35	5.31	59	73	0.54	2.51	2	2	-5.61	-2.44
Thailand	2	2	0.10	0.26	1	2	3.85	0.92	0	0	0.00	-0.91
Turkey	365	415	2.41	1.18	1	1	66.22	-0.85	0	0	0.00	0.67
Viet Nam	8	9	-2.55	1.55	4	8	6.02	6.51	0	0	0.00	-6.11
LEAST DEVELOPED COUNTRIES (LDC)	2 165	2 893	2.50	2.98	3	2	-8.79	-2.07	23	43	17.25	7.03
OECD³	2 736	2 964	-0.52	1.06	372	389	-3.18	0.59	971	1 017	1.26	1.68
BRICS	5 556	6 956	1.50	2.01	270	259	17.31	1.78	26	51	-3.80	6.19

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.20.2. Sheep meat projections: Consumption, food

Calendar year

	CONSUMPTION (kt cwe)		Growth (%) ⁴		FOOD (kg rwe/cap) ⁵		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	14 288	17 515	1.31	1.97	1.7	1.9	0.12	0.96
DEVELOPED COUNTRIES	2 699	2 934	-0.88	0.75	1.7	1.8	-1.29	0.49
NORTH AMERICA	189	184	-0.74	0.38	0.5	0.4	-1.54	-0.32
Canada	38	38	-0.69	0.29	0.9	0.9	-1.74	-0.51
United States	151	146	-0.74	0.40	0.4	0.4	-1.52	-0.29
EUROPE	1 401	1 520	-1.86	0.60	1.7	1.8	-1.97	0.63
European Union	1 085	1 183	-2.56	0.63	1.9	2.0	-2.73	0.56
Russia	186	199	0.39	0.45	1.1	1.2	0.36	0.66
Ukraine	19	23	1.76	1.85	0.4	0.5	2.15	2.46
OCEANIA DEVELOPED	252	290	-3.96	1.02	7.8	7.9	-5.39	-0.10
Australia	236	267	-1.86	1.02	8.7	8.6	-3.46	-0.15
New Zealand	16	23	-20.16	1.24	3.1	4.1	-20.80	0.40
OTHER DEVELOPED ¹	857	940	2.24	0.98	2.8	2.9	1.59	0.64
Japan	20	17	-9.04	-2.47	0.1	0.1	-8.96	-2.14
Kazakhstan	161	186	3.08	1.63	8.0	8.4	1.61	0.74
South Africa	190	203	0.66	0.86	3.1	3.0	-0.47	0.22
DEVELOPING COUNTRIES	11 590	14 581	1.89	2.23	1.7	1.9	0.50	1.06
AFRICA	2 893	3 781	1.71	2.76	2.3	2.3	-0.93	0.31
NORTH AFRICA	712	914	2.40	2.44	3.4	3.7	0.60	1.01
Algeria	319	398	6.37	2.10	7.1	7.6	4.41	0.73
Egypt	134	181	-0.51	3.04	1.3	1.4	-2.57	1.34
SUB-SAHARAN AFRICA	2 181	2 867	1.49	2.86	2.0	2.0	-1.31	0.23
Ethiopia	146	188	0.34	2.86	1.3	1.3	-2.20	0.58
Ghana	47	70	4.16	3.71	1.5	1.8	1.66	1.66
Mozambique	25	39	1.33	4.58	0.8	0.9	-1.47	1.87
Nigeria	485	639	2.14	2.70	2.3	2.4	-0.55	0.21
Tanzania	65	107	5.82	4.96	1.1	1.3	2.53	1.92
Zambia	10	14	2.71	3.98	0.5	0.6	-0.35	0.93
LATIN AMERICA and CARIBBEAN	394	433	0.44	0.78	0.5	0.5	-0.70	-0.10
Argentina	59	65	2.29	0.88	1.2	1.2	1.24	0.00
Brazil	93	92	0.61	0.00	0.4	0.4	-0.32	-0.66
Chile	9	10	-3.33	1.07	0.4	0.4	-4.37	0.21
Colombia	11	14	-0.72	1.17	0.2	0.2	-1.73	0.49
Mexico	76	82	-1.20	0.81	0.5	0.5	-2.60	-0.25
Paraguay	4	5	3.73	1.78	0.5	0.5	2.35	0.62
Peru	44	52	1.21	1.35	1.2	1.3	-0.09	0.24
Uruguay	23	28	10.45	0.93	5.8	7.0	10.07	0.60
ASIA and PACIFIC	8 303	10 367	2.02	2.11	1.7	2.0	0.92	1.28
Bangladesh	213	288	2.48	2.86	1.2	1.4	1.28	1.82
China ²	4 613	5 926	2.67	2.31	2.9	3.7	2.14	2.09
India	711	744	-1.06	0.53	0.5	0.4	-2.34	-0.52
Indonesia	118	147	-0.22	2.20	0.4	0.4	-1.49	1.24
Iran	290	367	-0.34	2.53	3.2	3.7	-1.57	1.72
Korea	10	12	6.90	0.87	0.2	0.2	6.35	0.57
Malaysia	36	47	8.40	1.64	1.1	1.2	6.72	0.43
Pakistan	455	562	1.54	2.11	2.1	2.1	-0.57	0.31
Philippines	57	68	1.08	1.79	0.5	0.5	-0.48	0.38
Saudi Arabia	195	228	4.19	1.65	5.4	5.4	1.77	0.18
Thailand	3	4	1.58	0.58	0.0	0.1	1.26	0.54
Turkey	366	416	2.38	1.18	4.1	4.3	0.78	0.51
Viet Nam	12	17	-0.69	3.50	0.1	0.1	-1.76	2.65
LEAST DEVELOPED COUNTRIES (LDC)	2 054	2 743	2.08	2.99	1.9	2.0	-0.31	0.73
OECD³	2 062	2 256	-1.76	0.75	1.4	1.4	-2.34	0.34
BRICS	5 793	7 165	1.97	1.98	1.6	1.9	1.09	1.37

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.21. Main policy assumptions for meat markets

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
ARGENTINA												
Beef export tax	%	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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												
Voluntary coupled support												
Beef and veal ²	mln EUR	1 687	1 694	1 694	1 693	1 693	1 693	1 693	1 693	1 693	1 693	1 693
Sheep and goat meat ³	mln EUR	320	484	487	491	496	496	496	496	496	496	496
Beef basic price ⁴	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 ^{4,5}	EUR/kg dw	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Beef tariff-quota	kt cwe	327.8	341.4	350.6	359.8	369.0	378.3	387.5	389.0	390.6	392.2	392.7
Pig tariff-quota	kt cwe	162.4	176.7	190.1	203.5	216.9	230.3	245.7	246.6	247.5	248.4	249.3
Poultry tariff-quota	kt rtc	1 006.2	1 011.5	1 014.7	1 017.9	1 021.1	1 024.3	1 026.3	1 028.4	1 030.5	1 032.5	1 034.6
Sheep meat tariff-quota	kt cwe	294.2	295.1	295.6	296.1	296.3	296.5	296.7	296.9	297.1	297.1	297.1
JAPAN⁶												
Beef stabilisation prices												
Upper price	JPY/kg dw	1 128.3	1 155.0	1 155.0	1 155.0	1 155.0	1 155.0	1 155.0	1 155.0	1 155.0	1 155.0	1 155.0
Lower price	JPY/kg dw	868.3	890.0	890.0	890.0	890.0	890.0	890.0	890.0	890.0	890.0	890.0
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	586.7	595.0	595.0	595.0	595.0	595.0	595.0	595.0	595.0	595.0	595.0
Lower price	JPY/kg dw	436.7	440.0	440.0	440.0	440.0	440.0	440.0	440.0	440.0	440.0	440.0
Pig meat import system												
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	%	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
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	%	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
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	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	%	125.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
RUSSIA												
Beef tariff-quota	kt pw	570.0	570.0	570.0	570.0	570.0	570.0	570.0	570.0	570.0	570.0	570.0
In-quota tariff	%	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Out-of-quota tariff	%	50.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Pigmeat tariff-quota	kt pw	430.0	430.0	430.0	430.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
In-quota tariff	%	0.0	0.0	0.0	0.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Out-of-quota tariff	%	65.0	65.0	65.0	65.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Poultry tariff-quota	kt pw	364.0	354.0	354.0	354.0	354.0	354.0	354.0	354.0	354.0	354.0	354.0
In-quota tariff	%	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Out-of-quota tariff	%	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
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.21. Main policy assumptions for meat markets (cont.)

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
CHINA												
Beef tariff	%	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
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

Note: Average 2014-16est: Data for 2016 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. Implemented in 24 Member States.
3. Implemented in 22 Member States.
4. Price for R3 grade male cattle.
5. Safety-net trigger.
6. Year beginning 1 April.

Source: OECD/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.22.1. Butter projections: Production and trade

Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	10 905	13 593	2.40	1.98	862	1 123	2.04	2.75	944	1 158	1.18	2.65
DEVELOPED COUNTRIES	4 725	5 526	1.36	1.37	248	280	-0.73	1.75	849	1 062	1.10	2.85
NORTH AMERICA	934	1 199	2.42	2.20	37	22	4.38	-6.76	34	42	-7.27	15.30
Canada	90	102	1.53	0.34	16	12	10.87	-1.55	0	0	2.15	0.00
United States	845	1 097	2.52	2.39	21	10	0.90	-10.86	34	42	-7.34	15.33
EUROPE	2 973	3 371	1.05	0.95	138	176	-3.25	3.79	280	438	0.13	3.18
European Union	2 341	2 680	1.36	0.95	11	12	-27.43	4.29	172	276	-2.15	3.30
Russia	323	326	-1.92	0.23	116	158	4.03	4.07	6	6	1.54	0.00
Ukraine	107	117	2.61	1.62	4	0	-6.51	-3.58	11	19	19.20	6.05
OCEANIA DEVELOPED	688	816	2.02	2.10	27	37	5.12	1.49	529	577	2.02	2.06
Australia	116	118	-2.01	0.36	26	35	5.21	1.57	36	37	-8.04	-1.30
New Zealand	572	698	3.05	2.42	2	2	3.38	0.00	493	540	3.21	2.34
OTHER DEVELOPED ¹	130	140	-1.62	0.70	46	46	0.50	1.01	6	6	12.79	2.44
Japan	64	62	-2.01	-0.61	14	12	10.25	2.41	0	0	..	..
Kazakhstan	14	15	-3.35	1.26	5	3	-8.29	2.19	0	0	-29.38	-0.16
South Africa	12	15	1.05	3.42	4	4	5.15	-3.01	5	5	18.24	3.10
DEVELOPING COUNTRIES	6 180	8 067	3.26	2.42	614	842	3.47	3.10	95	96	1.95	0.69
AFRICA	303	332	2.38	0.72	116	218	-0.50	7.61	4	4	1.77	0.07
NORTH AFRICA	172	183	1.43	0.51	95	170	1.55	6.85	1	1	-6.62	-2.00
Algeria	5	5	12.33	0.71	16	19	2.67	3.67	0	0	0.00	-3.54
Egypt	124	127	0.36	0.13	52	121	4.25	8.94	1	1	-5.26	-1.38
SUB-SAHARAN AFRICA	132	150	3.77	0.98	22	48	-5.88	10.76	3	3	15.51	0.90
Ethiopia	18	24	23.99	2.99	0	0	0.18	0.49	0	0	22.46	-0.48
Ghana	0	0	44.03	3.16	2	1	-2.98	1.14	1	1	27.03	0.00
Mozambique	0	0	44.03	3.01	1	1	31.46	2.66	0	0	-0.49	0.00
Nigeria	13	16	2.93	1.59	6	9	-13.06	6.53	0	0	54.52	-0.87
Tanzania	32	40	7.07	2.18	0	2	12.84	22.19	0	0	-13.48	-16.55
Zambia	0	0	0.25	1.84	0	0	2.51	4.05	0	0	-13.89	0.00
LATIN AMERICA and CARIBBEAN	441	511	3.03	1.48	56	68	-0.68	0.32	50	58	4.79	2.13
Argentina	43	52	-2.16	4.30	0	0	..	..	8	16	-6.48	9.11
Brazil	83	97	0.42	1.49	2	3	7.15	0.30	3	1	-6.93	0.12
Chile	22	27	3.29	1.59	5	5	35.31	-0.28	4	4	12.19	0.28
Colombia	21	24	0.27	1.24	0	0	26.82	-0.65	0	0	-16.04	0.91
Mexico	198	227	7.00	1.11	26	37	-4.45	0.55	10	12	47.70	0.50
Paraguay	0	0	81.77	1.75	0	0	11.74	0.00	0	0	14.21	0.02
Peru	4	5	9.07	2.43	8	10	11.88	1.03	0	0	17.98	-1.02
Uruguay	21	24	2.97	0.27	1	0	428.52	-0.15	19	19	6.15	0.15
ASIA and PACIFIC	5 436	7 223	3.33	2.58	442	556	5.53	2.09	41	33	0.03	-1.38
Bangladesh	27	35	2.41	2.39	0	0	-6.36	0.07	0	0	-13.31	-0.03
China ²	98	115	-1.15	2.06	78	116	23.95	2.85	2	1	-14.74	1.00
India	4 034	5 474	3.77	2.72	4	6	1.26	-0.35	8	7	-2.00	-1.15
Indonesia	0	0	44.03	-10.39	22	27	7.82	2.38	0	0	1.99	-2.33
Iran	210	244	0.59	1.19	44	56	-0.37	2.56	0	1	-10.28	-0.22
Korea	4	6	0.39	5.02	7	12	7.33	2.89	0	0	95.64	0.00
Malaysia	0	0	44.03	6.10	19	24	6.33	1.17	6	5	10.12	-1.15
Pakistan	720	954	2.41	2.70	0	10	-13.79	59.15	0	0	7.88	-45.28
Philippines	0	0	44.03	0.09	22	39	5.58	3.37	0	0	26.69	-3.26
Saudi Arabia	5	1	-1.60	7.23	57	70	11.69	1.64	6	5	15.11	-1.62
Thailand	0	0	44.03	-6.27	13	12	3.13	0.37	1	1	17.57	-0.36
Turkey	206	241	5.29	1.35	21	9	14.39	-5.95	0	0	11.04	0.52
Viet Nam	0	0	44.03	-11.42	14	17	7.44	1.90	0	0	-12.50	-1.86
LEAST DEVELOPED COUNTRIES (LDC)	229	265	3.36	1.30	13	36	-0.83	12.66	3	4	-7.68	0.99
OECD³	4 528	5 330	1.99	1.40	149	149	-2.15	-0.65	753	916	0.77	2.76
BRICS	4 551	6 029	3.07	2.54	204	287	7.70	3.26	23	19	-1.17	0.28

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

- Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.22.2. Butter projections: Consumption, food

Calendar year

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	10 831	13 561	2.55	1.97	1.5	1.6	1.35	0.97
DEVELOPED COUNTRIES	4 131	4 745	1.39	1.05	2.9	3.2	0.98	0.80
NORTH AMERICA	925	1 180	2.74	1.68	2.6	3.1	1.90	0.97
Canada	104	116	2.42	0.74	2.9	2.9	1.34	-0.05
United States	822	1 065	2.78	1.79	2.6	3.1	1.97	1.09
EUROPE	2 819	3 109	0.86	0.76	3.7	4.1	0.74	0.79
European Union	2 170	2 417	1.24	0.67	4.3	4.7	1.07	0.60
Russia	434	478	-0.80	1.35	3.0	3.4	-0.83	1.56
Ukraine	99	98	1.37	0.91	2.2	2.3	1.76	1.51
OCEANIA DEVELOPED	218	276	6.91	2.10	7.7	8.5	5.32	0.97
Australia	93	116	1.26	1.32	3.9	4.2	-0.38	0.15
New Zealand	125	160	15.56	2.69	27.7	32.3	14.64	1.85
OTHER DEVELOPED ¹	169	180	-1.57	0.73	0.6	0.6	-2.20	0.40
Japan	76	74	-1.84	-0.17	0.6	0.6	-1.76	0.17
Kazakhstan	18	18	-4.45	1.43	1.0	0.9	-5.81	0.54
South Africa	12	15	-0.88	1.15	0.2	0.3	-1.99	0.51
DEVELOPING COUNTRIES	6 700	8 815	3.32	2.50	1.1	1.3	1.91	1.33
AFRICA	415	546	1.59	2.98	0.4	0.4	-1.04	0.53
NORTH AFRICA	265	352	1.60	3.13	1.4	1.6	-0.18	1.68
Algeria	21	24	4.63	2.93	0.5	0.5	2.70	1.55
Egypt	175	248	1.58	3.58	1.9	2.2	-0.53	1.88
SUB-SAHARAN AFRICA	151	195	1.68	2.72	0.2	0.2	-1.12	0.10
Ethiopia	18	24	23.89	2.99	0.2	0.2	20.76	0.71
Ghana	1	1	-8.65	2.02	0.0	0.0	-10.84	0.00
Mozambique	1	1	31.61	2.66	0.0	0.0	27.98	0.00
Nigeria	19	25	-5.45	3.14	0.1	0.1	-7.94	0.64
Tanzania	32	43	7.10	2.76	0.6	0.6	3.77	-0.22
Zambia	0	0	8.70	3.02	0.0	0.0	5.46	0.00
LATIN AMERICA and CARIBBEAN	448	523	2.62	1.18	0.7	0.7	1.45	0.29
Argentina	36	38	2.60	1.41	0.8	0.8	1.54	0.53
Brazil	82	99	0.67	1.47	0.4	0.4	-0.26	0.80
Chile	23	27	4.64	1.46	1.3	1.4	3.52	0.60
Colombia	20	23	0.41	1.24	0.4	0.4	-0.61	0.56
Mexico	214	252	4.40	1.05	1.7	1.8	2.93	-0.01
Paraguay	0	0	-28.92	1.15	0.0	0.0	-29.86	0.00
Peru	12	15	10.35	1.44	0.4	0.4	8.92	0.33
Uruguay	2	5	-11.25	0.62	0.7	1.5	-11.55	0.29
ASIA and PACIFIC	5 836	7 746	3.51	2.56	1.4	1.7	2.39	1.73
Bangladesh	27	35	2.24	2.38	0.2	0.2	1.05	1.34
China ²	174	230	5.34	2.45	0.1	0.2	4.80	2.23
India	4 030	5 474	3.77	2.72	3.1	3.7	2.43	1.65
Indonesia	21	27	8.31	2.42	0.1	0.1	6.93	1.46
Iran	254	299	0.42	1.44	3.2	3.4	-0.81	0.63
Korea	10	18	3.06	3.57	0.2	0.3	2.53	3.26
Malaysia	14	18	5.25	1.95	0.5	0.5	3.63	0.74
Pakistan	720	964	2.41	2.82	3.8	4.2	0.28	1.02
Philippines	22	39	5.47	3.41	0.2	0.3	3.84	1.98
Saudi Arabia	56	66	9.27	1.96	1.8	1.8	6.73	0.49
Thailand	12	12	2.58	0.42	0.2	0.2	2.25	0.37
Turkey	226	249	5.85	0.96	2.9	2.9	4.19	0.30
Viet Nam	14	17	7.66	1.91	0.2	0.2	6.50	1.07
LEAST DEVELOPED COUNTRIES (LDC)	239	298	3.37	2.22	0.3	0.2	0.95	-0.02
OECD³	3 930	4 564	2.18	1.04	2.9	3.3	1.59	0.64
BRICS	4 732	6 296	3.24	2.58	1.5	1.9	2.36	1.96

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.23.1. Cheese projections: Production and trade

Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	22 471	26 193	1.59	1.36	2 257	2 792	3.76	1.79	2 410	2 918	3.69	1.71
DEVELOPED COUNTRIES	17 843	20 600	1.43	1.23	1 041	1 251	1.14	1.58	1 876	2 277	4.71	1.77
NORTH AMERICA	5 761	6 999	2.38	1.81	213	228	1.04	0.38	338	335	18.47	1.65
Canada	427	506	1.94	0.99	23	41	0.94	5.97	13	0	4.22	-50.05
United States	5 334	6 492	2.41	1.88	189	187	1.06	-0.58	325	334	19.56	2.51
EUROPE	11 048	12 423	1.06	0.92	432	585	-0.71	3.11	1 073	1 401	4.59	2.14
European Union	9 817	11 069	1.06	0.94	71	66	-3.04	-0.93	741	990	5.44	2.33
Russia	568	588	3.31	0.29	247	405	-1.71	5.10	41	61	12.08	4.09
Ukraine	137	148	-8.08	1.10	8	5	-5.82	-1.40	14	10	-20.41	1.31
OCEANIA DEVELOPED	665	747	-0.07	1.01	101	125	5.01	0.93	452	526	-0.23	1.01
Australia	344	356	-0.46	0.29	91	113	4.76	1.03	160	169	-1.26	-0.35
New Zealand	321	390	0.38	1.72	10	12	7.60	0.00	292	358	0.44	1.71
OTHER DEVELOPED ¹	369	432	1.35	1.52	296	313	3.22	0.23	13	15	7.33	-1.89
Japan	45	54	0.52	3.12	246	258	3.08	-0.20	0	0	..	..
Kazakhstan	26	29	4.97	0.98	13	10	-9.54	3.88	0	0	-20.62	-0.48
South Africa	45	50	0.37	-0.25	12	10	12.44	2.25	9	11	29.92	-2.20
DEVELOPING COUNTRIES	4 628	5 594	2.20	1.86	1 216	1 541	6.61	1.97	534	641	0.69	1.51
AFRICA	943	1 013	0.74	0.86	144	238	3.47	5.78	126	52	2.25	-7.52
NORTH AFRICA	682	693	0.31	0.29	116	191	4.68	5.77	125	52	2.19	-7.58
Algeria	2	2	0.00	3.51	29	36	5.80	1.98	0	0	35.67	-1.95
Egypt	641	651	0.45	0.25	36	100	11.54	11.72	99	31	5.90	-10.49
SUB-SAHARAN AFRICA	261	320	1.94	2.21	29	46	0.47	5.83	1	1	16.18	-0.19
Ethiopia	6	8	0.37	2.50	0	0	0.95	2.00	0	0	15.80	-1.96
Ghana	0	0	0.00	3.16	1	1	7.28	0.43	1	0	60.50	0.00
Mozambique	0	0	0.00	3.01	1	1	7.97	2.64	0	0	1.07	0.00
Nigeria	11	14	3.03	3.00	1	1	-14.91	3.07	0	0	-16.34	-0.42
Tanzania	13	17	3.20	2.47	0	0	-4.63	-3.28	0	0	20.51	-3.63
Zambia	1	1	0.52	0.45	1	2	23.63	7.10	0	0	12.93	-6.63
LATIN AMERICA and CARIBBEAN	2 401	2 776	3.15	1.69	306	355	6.44	0.26	147	142	1.18	1.24
Argentina	560	624	1.74	1.88	2	1	-10.75	0.00	52	50	2.43	2.38
Brazil	745	916	3.10	2.10	28	20	22.96	-8.12	3	6	-11.94	5.90
Chile	93	114	5.19	2.20	28	29	21.40	-0.98	6	5	-10.53	0.96
Colombia	59	68	0.33	1.52	3	8	33.71	7.12	0	0	-25.85	-2.09
Mexico	360	408	5.70	0.97	111	165	5.66	2.71	1	3	16.83	11.75
Paraguay	0	0	0.00	1.75	2	2	13.53	0.94	0	0	0.35	0.00
Peru	22	29	3.03	2.45	5	5	13.93	-0.53	0	0	23.57	0.04
Uruguay	93	92	4.96	0.38	2	2	18.92	0.81	33	24	0.35	-0.81
ASIA and PACIFIC	1 283	1 805	1.64	2.74	765	949	7.38	1.86	261	447	0.14	3.43
Bangladesh	1	1	0.00	2.85	0	0	4.41	3.36	0	0	0.00	-3.25
China ²	258	320	-0.72	2.19	80	195	26.73	4.31	0	0	-2.99	1.22
India	3	2	-7.58	-5.40	2	2	10.06	1.90	5	4	11.33	-1.86
Indonesia	0	0	0.00	-5.37	20	26	7.04	2.35	1	1	3.08	-2.30
Iran	295	323	0.86	0.98	0	0	7.63	-0.15	43	47	21.92	1.10
Korea	24	29	-0.75	1.88	107	162	11.35	3.69	0	0	23.35	0.00
Malaysia	0	0	0.00	1.91	21	26	11.93	1.72	0	0	8.70	-1.69
Pakistan	0	0	0.00	-4.26	2	2	2.59	2.44	0	0	-15.73	-2.38
Philippines	2	2	257.46	0.38	25	43	8.23	3.50	1	1	2.18	-3.38
Saudi Arabia	197	470	7.17	5.65	144	67	6.86	-4.87	124	273	-4.75	5.12
Thailand	5	5	0.00	0.44	12	16	13.40	2.38	0	0	11.86	-2.33
Turkey	195	275	3.75	2.14	11	6	12.49	-2.94	42	82	11.11	3.03
Viet Nam	0	0	0.00	-5.52	4	5	-0.02	3.45	0	0	26.95	-3.33
LEAST DEVELOPED COUNTRIES (LDC)	378	484	2.23	2.58	43	75	4.17	6.38	0	0	-6.04	-1.18
OECD³	17 334	20 092	1.55	1.26	960	1 123	3.65	0.94	1 656	2 005	4.90	1.75
BRICS	1 618	1 875	2.35	1.44	369	631	2.65	4.01	58	82	9.78	2.72

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

- Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.23.2. Cheese projections: Consumption, food

Calendar year

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	22 273	26 049	1.58	1.35	3.0	3.1	0.38	0.36
DEVELOPED COUNTRIES	16 964	19 555	1.09	1.17	12.0	13.4	0.66	0.91
NORTH AMERICA	5 617	6 873	1.81	1.74	15.7	17.8	0.98	1.03
Canada	431	546	1.65	1.78	12.0	13.9	0.58	0.97
United States	5 187	6 327	1.82	1.74	16.1	18.2	1.02	1.04
EUROPE	10 388	11 607	0.66	0.86	13.7	15.4	0.53	0.88
European Union	9 129	10 146	0.71	0.77	18.1	19.9	0.54	0.71
Russia	774	931	1.32	1.87	5.4	6.6	1.29	2.08
Ukraine	131	144	-5.21	0.98	2.9	3.4	-4.84	1.58
OCEANIA DEVELOPED	305	345	1.06	0.99	10.7	10.7	-0.45	-0.13
Australia	266	300	1.16	0.94	11.1	11.0	-0.48	-0.23
New Zealand	39	45	0.46	1.31	8.6	9.0	-0.33	0.48
OTHER DEVELOPED ¹	653	730	2.06	1.02	2.4	2.6	1.41	0.68
Japan	292	312	2.65	0.31	2.3	2.6	2.73	0.64
Kazakhstan	38	38	-0.64	1.66	2.2	2.0	-2.07	0.76
South Africa	47	49	0.13	0.76	0.9	0.8	-0.99	0.11
DEVELOPING COUNTRIES	5 309	6 494	3.29	1.92	0.9	1.0	1.88	0.76
AFRICA	961	1 198	1.09	2.30	0.8	0.8	-1.52	-0.14
NORTH AFRICA	672	832	0.92	2.16	3.7	3.9	-0.85	0.73
Algeria	31	38	5.42	2.07	0.8	0.8	3.48	0.70
Egypt	578	720	0.77	2.21	6.3	6.5	-1.32	0.53
SUB-SAHARAN AFRICA	288	365	1.63	2.61	0.3	0.3	-1.16	-0.01
Ethiopia	6	8	0.38	2.49	0.1	0.1	-2.16	0.22
Ghana	0	0	-13.66	2.02	0.0	0.0	-15.73	0.00
Mozambique	1	1	8.12	2.66	0.0	0.0	5.14	0.00
Nigeria	11	14	-2.76	3.01	0.1	0.1	-5.32	0.51
Tanzania	13	17	3.03	2.41	0.2	0.2	-0.18	-0.56
Zambia	2	3	8.69	4.14	0.1	0.1	5.45	1.08
LATIN AMERICA and CARIBBEAN	2 561	2 988	3.65	1.53	4.0	4.3	2.47	0.64
Argentina	510	575	1.73	1.83	11.7	12.0	0.69	0.95
Brazil	771	930	3.59	1.72	3.7	4.1	2.63	1.05
Chile	114	139	9.84	1.48	6.4	7.0	8.66	0.61
Colombia	61	75	1.54	1.98	1.3	1.4	0.51	1.29
Mexico	471	569	5.65	1.40	3.7	4.0	4.16	0.34
Paraguay	2	2	18.96	1.15	0.3	0.2	17.39	0.00
Peru	27	34	4.42	1.97	0.9	1.0	3.07	0.85
Uruguay	61	69	8.49	0.84	17.9	19.5	8.12	0.51
ASIA and PACIFIC	1 788	2 308	4.11	2.25	0.4	0.5	2.98	1.42
Bangladesh	1	2	0.30	2.93	0.0	0.0	-0.88	1.88
China ²	337	515	2.37	2.94	0.2	0.4	1.84	2.72
India	0	0	-73.01	4.46	0.0	0.0	-73.35	3.37
Indonesia	20	25	7.21	2.47	0.1	0.1	5.84	1.51
Iran	252	277	-0.74	0.96	3.2	3.2	-1.95	0.16
Korea	130	191	8.15	3.40	2.6	3.7	7.59	3.09
Malaysia	20	26	12.01	1.75	0.7	0.8	10.28	0.54
Pakistan	2	2	2.64	2.44	0.0	0.0	0.51	0.64
Philippines	26	44	9.53	3.48	0.3	0.4	7.84	2.05
Saudi Arabia	217	263	27.02	2.32	6.9	7.0	24.07	0.84
Thailand	16	21	7.98	1.96	0.2	0.3	7.64	1.91
Turkey	164	199	2.77	1.60	2.1	2.3	1.17	0.93
Viet Nam	4	5	-0.03	3.45	0.0	0.1	-1.11	2.60
LEAST DEVELOPED COUNTRIES (LDC)	421	558	2.42	3.01	0.4	0.5	0.02	0.76
OECD³	16 593	19 192	1.35	1.17	12.4	13.8	0.75	0.77
BRICS	1 929	2 424	2.26	2.01	0.6	0.7	1.38	1.40

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.24.1. Skim milk powder projections: Production and trade

Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	4 474	5 452	4.05	2.51	2 179	2 648	6.74	1.81	2 183	2 648	7.69	1.81
DEVELOPED COUNTRIES	3 878	4 718	4.07	2.55	258	280	10.26	-0.17	1 979	2 472	7.69	1.97
NORTH AMERICA	1 126	1 331	4.00	1.85	5	2	-1.63	-1.22	573	653	9.67	1.13
Canada	91	92	1.50	-0.79	3	1	-5.19	-6.55	17	18	5.97	-5.30
United States	1 035	1 239	4.24	2.08	2	1	13.05	6.18	557	635	9.82	1.39
EUROPE	1 859	2 336	5.63	3.24	156	198	14.20	0.92	787	1 090	13.28	2.34
European Union	1 531	2 011	6.89	3.75	3	4	-8.71	-0.52	636	910	18.00	2.59
Russia	85	64	-0.11	-2.32	112	155	38.47	1.31	2	1	30.09	-5.63
Ukraine	104	94	-1.69	0.02	1	1	1.72	-0.01	32	27	-4.03	-1.91
OCEANIA DEVELOPED	741	886	2.73	2.25	12	11	13.83	0.00	611	720	2.01	2.23
Australia	238	239	2.99	0.83	8	8	9.14	0.00	186	178	2.35	0.50
New Zealand	503	647	2.70	2.83	4	4	..	0.00	425	542	1.90	2.87
OTHER DEVELOPED ¹	153	164	-3.13	0.76	85	69	5.21	-2.72	7	8	6.33	2.84
Japan	125	129	-3.71	0.24	51	35	5.97	-4.78	0	0	..	..
Kazakhstan	3	3	-2.26	0.36	14	17	6.61	1.75	0	0	-11.86	-1.72
South Africa	15	19	-0.18	2.78	7	4	2.35	-3.55	6	7	15.11	3.68
DEVELOPING COUNTRIES	595	734	3.95	2.28	1 921	2 368	6.33	2.07	205	176	7.40	-0.22
AFRICA	4	6	0.02	4.04	361	438	3.35	2.65	6	5	5.73	-2.17
NORTH AFRICA	0	0	0.00	5.77	240	284	6.16	2.64	1	1	15.88	-3.40
Algeria	0	0	0.00	10.32	149	163	5.76	1.96	0	0	-20.47	-1.92
Egypt	0	0	0.00	1.41	72	101	14.96	3.81	1	1	15.50	-3.67
SUB-SAHARAN AFRICA	4	6	0.02	4.04	121	154	-0.12	2.67	4	4	4.02	-1.80
Ethiopia	0	0	0.00	3.44	1	1	-2.41	2.23	0	0	72.95	0.00
Ghana	0	0	0.00	6.57	14	22	4.99	3.34	0	0	58.29	-3.23
Mozambique	0	0	0.00	3.01	2	3	-7.26	3.44	0	0	24.50	0.00
Nigeria	0	0	0.00	6.66	49	59	-1.17	2.69	0	0	6.28	-2.62
Tanzania	0	0	0.00	2.84	1	1	10.01	2.98	0	0	-27.39	0.00
Zambia	0	0	0.00	1.84	2	2	15.19	2.99	0	0	30.98	0.00
LATIN AMERICA and CARIBBEAN	292	348	4.51	1.96	363	438	7.06	0.80	53	64	9.13	2.38
Argentina	40	45	5.97	2.85	0	0	..	..	24	32	9.46	3.23
Brazil	154	183	2.77	1.75	21	21	38.49	0.57	0	0	0.00	1.64
Chile	21	21	6.53	2.35	9	12	12.25	0.08	1	1	-4.36	-0.05
Colombia	4	4	170.66	1.60	8	13	30.09	0.20	0	0	-18.86	-0.20
Mexico	43	55	10.68	1.36	254	315	6.02	0.85	1	3	26.63	0.00
Paraguay	0	0	0.00	1.75	0	0	9.35	0.37	0	0	164.34	0.00
Peru	0	0	0.00	6.06	24	31	12.11	1.96	0	0	4.13	-1.92
Uruguay	24	29	5.40	2.12	4	3	131.14	-1.96	23	27	11.31	2.00
ASIA and PACIFIC	300	380	3.53	2.57	1 197	1 491	7.15	2.31	146	107	6.89	-1.42
Bangladesh	0	0	0.00	7.00	45	59	11.20	3.75	0	0	0.00	-3.62
China ²	59	56	0.94	0.38	212	319	21.60	5.01	1	1	25.04	0.00
India	216	295	4.90	3.07	1	0	-11.98	-0.98	31	7	1.41	-6.63
Indonesia	0	0	0.00	5.73	145	185	6.81	2.40	2	1	6.85	-2.34
Iran	0	0	0.00	1.47	11	8	7.37	0.00	11	8	19.97	0.00
Korea	19	23	0.27	2.48	21	19	19.38	-0.91	0	0	-31.60	0.00
Malaysia	0	0	0.00	0.19	140	150	7.34	0.94	37	30	25.12	-0.94
Pakistan	0	0	0.00	6.42	31	41	21.94	3.19	2	1	14.91	-3.09
Philippines	0	0	0.00	2.41	105	191	1.87	1.25	0	0	-8.10	-1.23
Saudi Arabia	0	0	0.00	11.76	70	69	2.22	1.36	13	10	13.11	-1.34
Thailand	0	0	0.00	6.11	72	69	3.15	0.19	2	5	5.86	-0.19
Turkey	0	0	0.00	1.04	11	11	-3.17	0.00	11	11	66.37	0.00
Viet Nam	0	0	0.00	6.49	90	126	10.96	3.27	0	0	-19.30	-3.16
LEAST DEVELOPED COUNTRIES (LDC)	0	0	0.00	2.84	128	154	4.74	3.32	5	4	12.16	-2.17
OECD³	3 646	4 500	4.41	2.68	400	441	5.13	0.00	1 845	2 313	8.15	2.00
BRICS	529	617	2.74	1.72	353	499	23.92	3.42	41	16	3.25	-2.82

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.24.2. Skim milk powder projections: Consumption, food

Calendar year

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	4 316	5 456	3.40	2.25	0.5	0.6	3.20	1.33
DEVELOPED COUNTRIES	2 019	2 532	1.38	2.14	1.3	1.6	2.76	2.05
NORTH AMERICA	542	687	-0.19	2.72	1.4	1.6	-0.36	2.02
Canada	63	81	-1.09	1.98	0.6	0.7	-8.91	0.27
United States	480	606	-0.06	2.82	1.5	1.7	0.27	2.12
EUROPE	1 091	1 444	2.14	2.38	1.2	1.7	5.42	2.71
European Union	763	1 104	1.50	3.08	1.3	1.9	5.62	3.42
Russia	195	218	8.52	0.13	1.4	1.6	8.49	0.34
Ukraine	73	68	-0.26	0.92	1.6	1.6	0.13	1.52
OCEANIA DEVELOPED	159	177	10.00	2.18	5.6	5.5	8.36	1.05
Australia	77	68	11.29	1.65	3.2	2.5	9.49	0.47
New Zealand	81	109	9.46	2.53	18.0	21.9	8.59	1.69
OTHER DEVELOPED ¹	227	225	-1.49	-0.67	0.7	0.7	-2.18	-0.93
Japan	173	164	-2.29	-1.27	1.2	1.2	-2.42	-0.95
Kazakhstan	17	20	6.02	1.53	0.9	1.0	4.51	0.64
South Africa	16	16	-2.88	0.56	0.3	0.3	-3.97	-0.09
DEVELOPING COUNTRIES	2 297	2 924	5.49	2.35	0.4	0.4	4.07	1.19
AFRICA	359	439	3.28	2.74	0.3	0.3	0.61	0.29
NORTH AFRICA	239	283	6.13	2.67	1.3	1.3	4.27	1.23
Algeria	149	163	5.76	1.96	3.8	3.5	3.81	0.59
Egypt	71	100	15.00	3.91	0.8	0.9	12.62	2.20
SUB-SAHARAN AFRICA	120	156	-0.21	2.86	0.1	0.1	-2.96	0.23
Ethiopia	1	1	-2.65	2.27	0.0	0.0	-5.12	0.00
Ghana	14	22	4.84	3.37	0.5	0.6	2.32	1.33
Mozambique	2	2	-7.37	3.50	0.1	0.1	-9.93	0.82
Nigeria	49	59	-0.99	2.70	0.3	0.2	-3.60	0.21
Tanzania	1	1	17.91	2.98	0.0	0.0	14.24	0.00
Zambia	2	2	15.10	3.02	0.1	0.1	11.67	0.00
LATIN AMERICA and CARIBBEAN	604	722	5.77	1.21	0.9	0.9	4.67	0.25
Argentina	16	14	5.45	2.02	0.4	0.3	4.36	1.13
Brazil	175	204	4.26	1.62	0.6	0.6	3.12	0.83
Chile	28	32	9.59	1.49	1.6	1.6	8.42	0.63
Colombia	12	17	20.52	0.50	0.2	0.3	19.29	-0.18
Mexico	296	368	6.73	0.93	2.3	2.6	5.22	-0.13
Paraguay	0	0	-5.59	1.15	0.0	0.0	-6.84	0.00
Peru	24	31	12.13	1.96	0.8	0.9	10.68	0.85
Uruguay	4	4	-0.66	0.03	1.2	1.1	-0.99	-0.30
ASIA and PACIFIC	1 335	1 763	6.04	2.76	0.3	0.4	4.90	1.93
Bangladesh	45	59	11.20	3.75	0.3	0.3	9.90	2.70
China ²	270	373	13.99	4.19	0.2	0.3	13.40	3.96
India	185	289	3.77	3.49	0.1	0.2	2.43	2.41
Indonesia	143	183	6.81	2.45	0.6	0.6	5.45	1.49
Iran	0	0	-72.82	0.80	0.0	0.0	-73.16	0.00
Korea	24	40	-0.46	6.37	0.5	0.8	-0.97	6.05
Malaysia	103	120	4.24	1.47	3.4	3.5	2.63	0.27
Pakistan	29	40	23.47	3.48	0.2	0.2	20.91	1.66
Philippines	105	191	1.89	1.25	1.0	1.6	0.31	-0.15
Saudi Arabia	57	59	5.13	1.93	1.8	1.6	2.69	0.46
Thailand	69	65	2.99	0.21	1.0	0.9	2.67	0.17
Turkey	0	0	-81.37	0.66	0.0	0.0	-81.66	0.00
Viet Nam	90	126	11.47	3.28	1.0	1.2	10.27	2.43
LEAST DEVELOPED COUNTRIES (LDC)	123	150	4.54	3.52	0.1	0.1	2.10	1.25
OECD³	2 047	2 632	1.57	2.25	1.4	1.7	2.79	2.02
BRICS	841	1 100	7.50	2.55	0.3	0.3	6.79	1.98

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.25.1. Whole milk powder projections: Production and trade

Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	5 166	6 372	3.18	1.89	2 545	2 857	4.05	1.45	2 474	2 857	5.04	1.45
DEVELOPED COUNTRIES	2 387	2 759	4.09	1.77	85	88	6.14	-1.30	1 858	2 153	6.84	1.62
NORTH AMERICA	56	56	7.03	0.18	11	11	-9.19	0.00	17	19	2.92	1.03
Canada	9	9	-4.06	-1.11	2	2	-17.30	0.00	1	1	0.66	0.00
United States	46	47	11.74	0.44	8	9	-4.36	0.00	17	19	3.05	1.06
EUROPE	864	1 056	-0.52	2.28	47	44	26.66	-2.48	429	540	3.53	2.07
European Union	745	912	0.11	2.36	4	4	17.59	-1.21	390	486	4.74	2.03
Russia	36	46	-9.34	2.43	39	37	36.48	-2.63	1	0	0.65	..
Ukraine	9	11	-9.56	2.02	0	0	8.12	-1.70	2	3	-23.60	1.73
OCEANIA DEVELOPED	1 426	1 601	8.13	1.52	17	22	8.90	-0.57	1 403	1 583	8.72	1.48
Australia	74	58	-8.72	-0.84	14	18	6.97	-0.71	65	56	-5.78	-1.56
New Zealand	1 352	1 543	10.20	1.62	3	5	..	0.00	1 338	1 527	10.15	1.61
OTHER DEVELOPED ¹	42	47	-0.62	1.09	10	11	-3.78	1.43	9	11	11.83	2.42
Japan	12	12	-2.24	0.11	0	0	12.49	0.00	0	0	..	..
Kazakhstan	15	15	0.72	0.47	2	2	-14.81	10.19	0	0	-5.89	-0.85
South Africa	15	19	-0.53	2.37	3	3	5.98	-2.56	8	10	13.70	2.63
DEVELOPING COUNTRIES	2 779	3 612	2.45	1.98	2 460	2 769	3.98	1.55	616	704	0.87	0.93
AFRICA	11	11	1.72	0.52	561	639	-0.05	2.63	15	12	10.47	-2.22
NORTH AFRICA	0	0	44.03	0.58	283	306	3.58	2.26	4	3	23.27	-2.89
Algeria	0	0	44.03	2.82	206	234	2.28	2.10	0	0	9.09	-2.05
Egypt	0	0	44.03	-1.83	61	54	15.04	3.14	4	3	35.05	-3.05
SUB-SAHARAN AFRICA	11	11	1.71	0.52	278	332	-2.64	2.99	11	9	8.18	-1.94
Ethiopia	0	0	44.03	3.44	1	1	-3.87	3.00	0	0	-34.19	0.00
Ghana	0	0	44.03	-3.28	2	2	-8.13	3.39	0	0	13.03	-3.28
Mozambique	0	0	44.03	3.01	3	5	10.30	3.50	0	0	-31.88	0.00
Nigeria	0	0	44.03	3.65	94	86	-8.22	2.84	1	1	36.42	-2.76
Tanzania	0	0	44.03	2.84	1	1	-9.69	2.93	0	0	-5.19	0.00
Zambia	0	0	44.03	5.90	5	7	15.80	4.07	0	0	-12.66	-3.91
LATIN AMERICA and CARIBBEAN	1 346	1 967	1.87	2.88	415	395	1.45	-1.77	306	408	3.84	2.29
Argentina	209	320	0.66	3.07	0	1	..	0.00	130	206	2.55	4.28
Brazil	546	789	0.52	4.52	82	57	14.14	-9.90	34	33	-6.00	4.91
Chile	92	110	1.77	1.85	6	4	38.84	-3.81	12	12	-2.47	4.08
Colombia	41	43	0.31	0.44	12	18	60.34	2.10	5	5	0.86	-2.06
Mexico	212	251	0.28	1.33	8	10	-17.10	2.30	11	4	18.19	-11.36
Paraguay	0	0	79.68	1.75	2	2	14.25	0.00	2	3	286.32	0.01
Peru	0	0	44.03	0.89	18	24	16.01	1.00	0	0	32.02	-0.99
Uruguay	59	75	5.70	1.18	37	57	617.21	-0.44	91	128	11.95	0.45
ASIA and PACIFIC	1 423	1 634	3.03	1.01	1 485	1 735	6.88	2.07	295	284	-1.91	-0.60
Bangladesh	0	0	0.00	-1.41	56	89	12.13	3.51	0	0	0.00	-3.40
China ²	1 342	1 532	2.94	0.93	479	614	27.18	4.13	4	4	-24.81	-0.32
India	5	7	17.38	3.39	0	0	-0.53	0.00	2	3	-6.65	7.65
Indonesia	73	89	5.36	1.94	45	46	-6.21	1.13	6	6	-17.67	-1.12
Iran	1	1	1.64	1.47	3	3	-9.43	0.15	2	2	8.19	0.01
Korea	3	5	-3.72	5.37	3	4	10.46	1.22	0	0	30.92	0.00
Malaysia	0	0	0.00	1.44	38	36	-3.26	0.59	20	17	-5.70	-0.59
Pakistan	0	0	0.00	-1.34	4	5	-7.40	1.45	2	2	13.67	-1.43
Philippines	0	0	0.00	0.74	28	37	-5.80	0.51	16	23	-12.59	0.00
Saudi Arabia	0	0	0.00	10.40	105	117	2.93	1.24	19	19	-5.17	-1.22
Thailand	0	0	0.00	0.65	45	51	7.44	0.60	3	2	-11.10	-0.60
Turkey	0	0	0.00	1.04	1	1	-25.35	0.00	1	1	1.01	0.00
Viet Nam	0	0	0.00	-2.72	42	43	-0.57	1.31	9	8	27.43	-1.29
LEAST DEVELOPED COUNTRIES (LDC)	3	3	48.77	-0.14	215	308	3.05	3.34	8	7	14.16	-1.79
OECD³	2 566	2 964	4.14	1.72	52	60	-5.30	-0.21	1 834	2 106	7.07	1.56
BRICS	1 944	2 393	1.82	2.03	604	711	24.93	1.64	50	51	-7.82	3.56

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.25.2. Whole milk powder projections: Consumption, food

Calendar year

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	5 238	6 372	2.81	1.90	0.7	0.8	1.60	0.90
DEVELOPED COUNTRIES	615	694	-1.11	1.84	0.4	0.5	-1.56	1.64
NORTH AMERICA	48	47	1.20	0.81	0.1	0.1	0.37	0.11
Canada	11	10	-9.60	-0.93	0.3	0.3	-10.56	-1.71
United States	37	37	9.01	1.38	0.1	0.1	8.15	0.68
EUROPE	483	560	-0.97	2.03	0.6	0.7	-1.13	2.15
European Union	360	430	-1.26	2.70	0.7	0.8	-1.43	2.63
Russia	74	84	0.04	0.05	0.5	0.6	0.01	0.26
Ukraine	7	8	4.65	2.08	0.2	0.2	5.06	2.68
OCEANIA DEVELOPED	41	41	-1.79	1.77	1.4	1.3	-3.25	0.65
Australia	25	19	-7.16	1.74	1.0	0.7	-8.67	0.56
New Zealand	17	21	19.09	1.81	3.7	4.3	18.15	0.97
OTHER DEVELOPED ¹	43	46	-2.70	0.88	0.2	0.2	-3.32	0.54
Japan	12	12	-2.16	0.11	0.1	0.1	-2.08	0.45
Kazakhstan	16	17	-2.12	1.23	0.9	0.9	-3.52	0.34
South Africa	10	11	-4.48	0.72	0.2	0.2	-5.55	0.08
DEVELOPING COUNTRIES	4 623	5 677	3.47	1.91	0.8	0.8	2.06	0.74
AFRICA	556	638	-0.23	2.71	0.5	0.4	-2.81	0.26
NORTH AFRICA	278	303	3.44	2.34	1.5	1.4	1.62	0.91
Algeria	206	234	2.28	2.10	5.2	5.0	0.40	0.73
Egypt	57	51	14.65	3.70	0.6	0.5	12.28	1.99
SUB-SAHARAN AFRICA	278	335	-2.83	3.06	0.3	0.3	-5.51	0.42
Ethiopia	1	1	-2.32	3.00	0.0	0.0	-4.79	0.71
Ghana	2	2	-8.97	3.55	0.1	0.1	-11.15	1.50
Mozambique	3	5	10.32	3.50	0.1	0.1	7.28	0.82
Nigeria	93	85	-8.42	2.94	0.5	0.4	-10.83	0.45
Tanzania	1	1	-9.56	2.98	0.0	0.0	-12.37	0.00
Zambia	5	7	16.05	4.09	0.3	0.3	12.59	1.03
LATIN AMERICA and CARIBBEAN	1 455	1 953	1.37	1.87	2.3	2.8	0.21	0.98
Argentina	80	115	-2.37	1.14	1.8	2.4	-3.37	0.27
Brazil	595	811	2.29	2.62	2.9	3.6	1.35	1.94
Chile	87	102	3.13	1.30	4.8	5.1	2.03	0.43
Colombia	48	56	3.70	1.20	1.0	1.1	2.65	0.51
Mexico	208	257	-1.70	1.76	1.6	1.8	-3.09	0.69
Paraguay	0	0	-72.98	1.15	0.0	0.0	-73.34	0.00
Peru	18	24	16.04	1.00	0.6	0.7	14.54	-0.10
Uruguay	4	4	0.70	0.50	1.2	1.2	0.36	0.18
ASIA and PACIFIC	2 612	3 086	5.90	1.77	0.6	0.7	4.75	0.95
Bangladesh	56	89	12.13	3.51	0.4	0.5	10.81	2.47
China ²	1 817	2 142	6.56	1.75	1.3	1.5	6.01	1.53
India	3	5	25.61	1.05	0.0	0.0	23.99	0.00
Indonesia	111	130	2.11	1.80	0.4	0.5	0.81	0.85
Iran	1	2	-16.92	0.80	0.0	0.0	-17.94	0.00
Korea	4	9	-1.99	8.17	0.1	0.2	-2.50	7.85
Malaysia	18	19	1.22	1.80	0.6	0.5	-0.34	0.59
Pakistan	2	3	-14.23	3.79	0.0	0.0	-16.01	1.96
Philippines	12	14	29.21	1.40	0.1	0.1	27.21	0.00
Saudi Arabia	86	98	6.72	1.79	2.7	2.6	4.24	0.32
Thailand	43	49	10.46	0.66	0.6	0.7	10.11	0.61
Turkey	0	0	-79.43	0.66	0.0	0.0	-79.75	0.00
Viet Nam	34	35	-3.72	2.00	0.4	0.3	-4.76	1.16
LEAST DEVELOPED COUNTRIES (LDC)	209	304	2.80	3.46	0.2	0.2	0.39	1.19
OECD³	784	919	-1.14	2.05	0.6	0.7	-1.76	1.70
BRICS	2 498	3 052	5.11	1.92	0.8	0.9	4.21	1.31

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.26. Fresh dairy products projections: Production and food consumption

Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		FOOD CONSUMPTION (kg/cap)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	402 708	507 766	1.93	2.13	54.7	61.6	0.70	1.13
DEVELOPED COUNTRIES	133 494	136 178	-0.23	0.24	94.8	93.2	-0.72	-0.03
NORTH AMERICA	26 850	25 811	-1.13	-0.24	75.1	66.8	-1.93	-0.93
Canada	2 930	3 180	-0.79	0.78	81.5	80.8	-1.84	-0.01
United States	23 920	22 630	-1.17	-0.37	74.3	65.2	-1.94	-1.06
EUROPE	77 241	76 415	-0.69	-0.03	103.2	101.1	-0.93	-0.03
European Union	46 710	46 142	-0.03	-0.20	90.6	87.1	-0.40	-0.33
Russia	16 039	15 239	-1.23	-0.31	111.8	108.3	-1.26	-0.10
Ukraine	7 792	8 446	-0.87	1.55	173.8	200.7	-0.49	2.15
OCEANIA DEVELOPED	2 998	3 395	1.50	1.12	105.2	105.0	-0.01	0.00
Australia	2 550	2 897	1.50	1.08	106.4	105.8	-0.15	-0.09
New Zealand	448	498	1.52	1.37	99.0	100.4	0.72	0.54
OTHER DEVELOPED ¹	26 405	30 558	2.12	1.29	96.7	107.4	1.47	0.95
Japan	4 237	4 278	-1.36	-0.03	33.5	35.0	-1.28	0.31
Kazakhstan	4 547	5 648	-0.32	1.99	258.1	288.8	-1.75	1.10
South Africa	2 732	3 023	1.28	1.47	50.2	51.4	0.14	0.82
DEVELOPING COUNTRIES	269 214	371 588	3.15	2.92	45.2	54.8	1.75	1.75
AFRICA	32 896	44 943	1.79	3.16	29.1	30.4	-0.84	0.70
NORTH AFRICA	7 521	9 872	3.69	2.59	41.1	45.9	1.87	1.15
Algeria	3 231	4 039	6.69	1.98	81.5	87.1	4.73	0.61
Egypt	1 604	2 313	-0.28	3.82	17.5	20.9	-2.35	2.11
SUB-SAHARAN AFRICA	25 375	35 072	1.28	3.32	26.8	27.8	-1.51	0.68
Ethiopia	3 855	5 369	3.19	3.49	38.8	42.0	0.58	1.19
Ghana	43	59	1.89	3.16	1.6	1.7	-0.56	1.12
Mozambique	80	108	0.91	3.01	2.9	2.9	-1.88	0.34
Nigeria	244	294	4.23	2.03	1.3	1.2	1.48	-0.44
Tanzania	1 384	1 934	3.17	3.16	25.9	26.1	-0.05	0.17
Zambia	75	92	0.28	1.96	4.6	4.1	-2.71	-1.03
LATIN AMERICA and CARIBBEAN	39 890	46 915	1.79	1.47	62.6	66.7	0.62	0.58
Argentina	1 550	1 651	-0.45	0.57	28.2	27.9	-2.33	-0.40
Brazil	15 720	18 556	4.91	1.47	75.7	82.8	3.94	0.79
Chile	879	885	-3.67	1.11	49.0	44.7	-4.70	0.25
Colombia	5 422	6 160	-0.77	1.31	112.4	118.1	-1.78	0.62
Mexico	3 497	3 313	-1.91	-0.58	27.5	23.1	-3.29	-1.62
Paraguay	524	633	2.45	1.75	78.9	83.9	1.09	0.59
Peru	1 665	1 998	2.43	1.58	53.1	56.3	1.10	0.47
Uruguay	575	682	-3.54	0.60	167.7	191.6	-3.87	0.27
ASIA and PACIFIC	196 428	279 729	3.70	3.15	47.0	60.9	2.57	2.31
Bangladesh	2 977	4 113	2.17	3.14	18.5	22.8	0.97	2.10
China ²	29 953	35 352	-0.16	2.08	21.8	25.0	-0.68	1.86
India	101 626	157 779	4.90	3.71	77.5	106.9	3.54	2.62
Indonesia	966	1 250	4.13	2.19	3.7	4.4	2.80	1.24
Iran	1 830	2 385	0.98	2.50	23.1	27.4	-0.26	1.68
Korea	1 340	1 358	-0.20	0.28	26.7	26.1	-0.71	-0.02
Malaysia	86	100	4.28	1.44	2.8	2.9	2.67	0.23
Pakistan	32 480	47 966	3.17	3.59	171.9	207.8	1.03	1.77
Philippines	10	11	-2.35	1.18	0.1	0.1	-3.86	-0.22
Saudi Arabia	1 080	1 227	6.29	1.44	34.2	32.9	3.82	-0.02
Thailand	1 225	1 520	7.15	1.48	18.0	22.2	6.81	1.43
Turkey	15 112	16 991	8.31	0.86	192.2	198.9	6.62	0.20
Viet Nam	527	749	8.98	3.08	5.6	7.3	7.80	2.23
LEAST DEVELOPED COUNTRIES (LDC)	26 186	35 919	1.31	3.24	27.5	29.4	-1.06	0.98
OECD³	102 133	102 760	0.48	0.02	77.1	73.4	-0.20	-0.41
BRICS	166 070	229 950	3.10	2.91	53.7	69.4	2.21	2.29

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.27. Milk projections: Production, inventories, yield

Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		INVENTORIES ('000 hd)		Growth (%) ⁴		YIELD (t/head)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	799 003	977 431	1.94	1.87	692 341	771 786	1.89	0.93	1.15	1.27	0.04	0.93
DEVELOPED COUNTRIES	389 341	429 852	1.08	0.94	77 538	76 075	0.11	-0.17	5.02	5.65	0.97	1.11
NORTH AMERICA	104 009	119 034	1.49	1.04	10 260	10 331	0.12	0.00	10.14	11.52	1.37	1.04
Canada	9 173	10 658	1.48	0.81	960	945	-0.18	-0.12	9.56	11.28	1.66	0.92
United States	94 836	108 377	1.49	1.06	9 301	9 386	0.15	0.01	10.20	11.55	1.34	1.05
EUROPE	220 933	237 089	0.61	0.71	42 798	39 945	-0.87	-0.52	5.16	5.94	1.49	1.23
European Union	162 179	175 925	1.18	0.77	23 259	21 859	-0.53	-0.44	6.86	7.94	1.85	1.24
Russia	30 456	30 515	-0.81	0.16	8 338	7 444	-1.30	-0.89	3.65	4.10	0.49	1.06
Ukraine	10 936	11 896	-1.18	1.53	3 427	3 314	-2.15	-0.12	3.19	3.59	0.99	1.65
OCEANIA DEVELOPED	31 228	35 809	2.70	1.92	6 732	7 448	1.62	1.19	4.64	4.81	1.07	0.72
Australia	9 716	10 413	0.16	1.12	1 651	1 759	0.07	0.94	5.88	5.92	0.10	0.18
New Zealand	21 512	25 396	4.04	2.26	5 081	5 688	2.17	1.27	4.23	4.46	1.83	0.98
OTHER DEVELOPED ¹	33 171	37 919	1.63	1.21	17 748	18 351	2.18	-0.01	1.87	2.07	-0.53	1.22
Japan	7 369	7 389	-1.03	0.00	871	868	-1.65	-0.04	8.46	8.51	0.63	0.04
Kazakhstan	5 090	6 236	-0.36	1.90	2 618	2 711	-0.74	0.28	1.94	2.30	0.38	1.62
South Africa	3 373	3 791	1.12	1.49	1 008	1 014	1.50	-0.02	3.35	3.74	-0.37	1.51
DEVELOPING COUNTRIES	409 662	547 580	2.80	2.67	614 802	695 711	2.14	1.06	0.67	0.79	0.65	1.59
AFRICA	42 762	55 747	1.80	2.69	226 971	259 588	2.01	1.25	0.19	0.21	-0.21	1.43
NORTH AFRICA	13 086	15 691	2.49	1.75	35 470	38 084	3.37	0.51	0.37	0.41	-0.85	1.23
Algeria	3 340	4 158	6.81	1.95	19 997	21 569	5.61	0.41	0.17	0.19	1.14	1.53
Egypt	5 953	6 744	0.27	1.31	6 692	6 765	0.81	0.10	0.89	1.00	-0.54	1.20
SUB-SAHARAN AFRICA	29 676	40 056	1.51	3.08	191 501	221 504	1.78	1.38	0.15	0.18	-0.27	1.68
Ethiopia	4 250	5 893	3.83	3.44	15 419	19 299	5.37	2.00	0.28	0.31	-1.47	1.42
Ghana	43	59	1.90	3.16	327	379	1.88	1.50	0.13	0.15	0.02	1.64
Mozambique	80	108	0.91	3.01	630	740	1.20	1.49	0.13	0.15	-0.29	1.50
Nigeria	578	710	3.44	1.94	2 510	2 726	4.18	0.55	0.23	0.26	-0.71	1.39
Tanzania	2 123	2 873	4.05	2.84	9 905	11 517	1.13	1.36	0.21	0.25	2.88	1.47
Zambia	88	99	0.30	1.84	299	310	0.68	0.43	0.29	0.32	-0.38	1.41
LATIN AMERICA and CARIBBEAN	80 263	94 391	0.92	1.69	51 159	53 312	1.87	0.28	1.57	1.77	-0.93	1.40
Argentina	10 796	11 298	1.16	1.33	2 343	2 394	0.03	0.62	4.60	4.72	1.13	0.71
Brazil	28 871	34 457	0.16	2.16	24 623	24 860	1.71	0.09	1.17	1.39	-1.53	2.07
Chile	2 565	2 918	0.49	1.66	1 399	1 473	0.31	0.47	1.83	1.98	0.18	1.18
Colombia	6 500	7 371	-0.60	1.28	5 667	5 881	3.42	-0.13	1.15	1.25	-3.89	1.41
Mexico	11 773	13 013	1.22	0.75	2 454	2 609	0.74	0.55	4.80	4.99	0.49	0.20
Paraguay	524	633	2.45	1.75	239	255	3.45	0.17	2.19	2.49	-0.96	1.58
Peru	1 883	2 284	2.64	1.68	1 128	1 164	1.03	0.16	1.67	1.96	1.59	1.52
Uruguay	2 005	2 272	1.64	0.60	768	702	0.53	-0.83	2.61	3.24	1.11	1.44
ASIA and PACIFIC	286 637	397 441	3.54	2.91	336 672	382 812	2.26	1.04	0.85	1.04	1.25	1.85
Bangladesh	3 570	4 875	2.21	3.02	39 479	46 606	3.15	1.37	0.09	0.10	-0.91	1.62
China ²	41 677	48 697	0.53	1.78	14 457	14 257	2.66	0.47	2.62	3.08	-2.38	1.30
India	153 237	227 781	4.51	3.39	120 335	145 165	1.67	1.53	1.27	1.57	2.80	1.84
Indonesia	1 447	1 841	4.56	2.11	12 233	13 079	1.79	0.49	0.12	0.14	2.72	1.62
Iran	7 790	9 185	0.90	1.47	22 966	23 416	0.72	0.00	0.34	0.39	0.19	1.47
Korea	2 169	2 237	0.13	0.51	256	255	0.24	0.11	8.47	8.77	-0.11	0.39
Malaysia	86	100	4.28	1.44	171	176	3.10	0.00	0.50	0.57	1.14	1.44
Pakistan	41 000	59 254	3.03	3.42	32 165	39 625	3.15	1.79	1.27	1.50	-0.12	1.60
Philippines	23	25	7.12	0.74	6	5	-1.02	-0.28	4.12	4.62	8.23	1.02
Saudi Arabia	2 407	4 166	6.15	4.25	4 616	6 626	0.93	2.98	0.52	0.63	5.17	1.23
Thailand	1 255	1 552	6.92	1.46	387	398	5.77	-0.09	3.24	3.90	1.09	1.56
Turkey	20 415	23 469	7.34	1.04	25 352	25 321	6.77	-0.33	0.81	0.93	0.54	1.38
Viet Nam	527	750	8.98	3.08	192	226	2.99	1.39	2.74	3.32	5.82	1.67
LEAST DEVELOPED COUNTRIES (LDC)	32 567	43 539	1.61	2.97	..	..	..	..	..	..	..	..
OECD³	348 869	387 112	1.61	0.95	71 906	71 416	1.99	-0.12	4.85	5.42	-0.37	1.07
BRICS	257 615	345 241	2.51	2.68	168 761	192 740	1.59	1.14	1.53	1.79	0.91	1.52

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

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Table A.28. Whey powder and casein projections

Calendar year

		Average 2014-16est	2026	Growth (%) ²	
				2007-16	2017-26
AUSTRALIA					
Net trade, whey	kt pw	87.3	80.8	1.01	-0.48
Exports, casein	kt pw	0.4	1.5	-32.92	9.43
CANADA					
Net trade, whey	kt pw	30.4	32.3	..	0.61
EUROPEAN UNION					
Whey powder					
Production	kt pw	1 985.8	2 320.6	2.49	1.51
Consumption	kt pw	1 467.8	1 579.8	1.54	0.86
Net trade	kt pw	518.1	740.9	5.67	3.04
Casein					
Production	kt pw	139.9	174.1	1.01	1.04
Consumption	kt pw	119.2	140.1	1.01	1.04
Net trade	kt pw	20.7	33.0	-2.39	4.87
JAPAN					
Net trade, whey	kt pw	-54.6	-71.2	..	..
Casein imports	kt pw	13.6	13.6	-2.40	-0.06
NEW ZEALAND					
Net trade, whey	kt pw	-5.6	-0.5	..	..
Exports, casein	kt pw	190.7	254.2	2.82	2.92
UNITED STATES					
Whey					
Production	kt pw	489.4	542.1	-0.17	1.16
Consumption	kt pw	259.6	269.3	-1.04	0.51
Exports	kt pw	229.8	272.8	1.13	1.85
Imports, casein	kt pw	127.3	156.4	3.44	1.68
ARGENTINA					
Net trade, whey	kt pw	63.4	88.2	5.38	2.48
BRAZIL					
Net trade, whey	kt pw	-25.2	-34.3	..	..
CHINA¹					
Net trade, whey	kt pw	-403.7	-466.3	..	..
RUSSIA					
Net trade, whey	kt pw	-58.8	-63.9	..	..

.. Not available

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

Average 2014-16est: Data for 2016 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.29. Main policy assumptions for dairy markets

Calendar year

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
CANADA												
Milk target price ¹	CADc/litre	79.3	84.6	84.6	85.9	87.3	88.6	90.0	91.4	92.8	94.2	95.6
Butter support price	CAD/t	7 493.5	7 887.9	7 912.8	8 033.2	8 160.6	8 286.5	8 418.1	8 550.9	8 679.9	8 807.3	8 939.0
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
EUROPEAN UNION²												
Voluntary coupled support												
Milk and milk products ³	mIn EUR	830	843	853	861	846	846	846	846	846	846	846
Milk quota	kt pw	50 149	0	0	0	0	0	0	0	0	0	0
Butter reference price ⁴	EUR/t	2 217.5	2 217.5	2 217.5	2 217.5	2 217.5	2 217.5	2 217.5	2 217.5	2 217.5	2 217.5	2 217.5
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	88.8	89.5	89.9	90.2	90.3	90.3	90.4	90.4	90.5	90.5	90.6
Cheese tariff-quotas	kt pw	117.8	118.6	118.9	119.2	119.5	119.9	120.2	120.5	120.8	121.2	121.5
JAPAN												
Direct payments	JPY/kg	12.8	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
Cheese tariff ⁵	%	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
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	%	60.0	45.0	45.0	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	%	56.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
Liconsa social program	mIn MXN	1 153.6	1 166.4	1 166.4	1 166.4	1 166.4	1 166.4	1 166.4	1 166.4	1 166.4	1 166.4	1 166.4
RUSSIA												
Butter tariff	%	16.1	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Cheese tariff	%	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
UNITED STATES												
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
INDIA												
Butter tariff	%	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
Cheese tariff	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Skim milk powder tariff	%	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
Whole milk powder tariff	%	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
SOUTH AFRICA												
Butter tariff	%	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
Cheese tariff	%	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Skim milk powder tariff	%	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
Whole milk powder tariff	%	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

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Note: Average 2014-16est: Data for 2016 are estimated.

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

1. For manufacturing milk.
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. Implemented in 19 Member States.
4. 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.
5. Excludes processed cheese.

Source: OECD/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.30.1. Fish and seafood projections: Production and trade

Calendar year

	PRODUCTION (kt)		Growth (%) ³		IMPORTS (kt)		Growth (%) ³		EXPORTS (kt)		Growth (%) ³	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	168 293	193 875	2.40	1.09	38 868	44 006	1.41	1.24	38 967	44 006	2.03	1.49
DEVELOPED COUNTRIES	29 154	29 684	0.30	0.07	20 787	22 722	0.18	0.88	12 820	14 175	1.55	0.99
NORTH AMERICA	6 488	6 608	0.92	0.00	5 811	6 902	1.20	1.50	2 861	3 365	0.94	1.51
Canada	1 032	1 050	-1.29	-0.37	643	607	0.81	-1.35	819	760	-1.02	-2.05
United States	5 456	5 557	1.38	0.07	5 168	6 295	1.25	1.81	2 042	2 605	1.82	2.76
EUROPE	16 933	17 796	0.98	0.36	10 313	10 880	-0.34	0.56	8 594	9 250	1.97	0.78
European Union	6 645	7 043	-0.07	0.42	8 105	8 779	0.68	0.62	2 331	2 316	0.75	0.82
Norway	3 668	4 039	1.17	0.87	303	266	3.32	-1.37	2 839	3 237	1.40	0.93
Russia	4 567	4 729	3.16	0.14	890	801	-6.34	1.40	1 973	2 267	4.02	1.05
OCEANIA DEVELOPED	775	809	-0.74	0.28	523	575	1.09	0.89	483	467	-0.11	0.00
Australia	243	275	0.14	0.48	470	524	1.06	0.98	75	74	1.74	-0.27
New Zealand	532	534	-1.14	0.18	53	51	1.40	0.00	408	393	-0.45	0.05
OTHER DEVELOPED ¹	4 957	4 472	-2.30	-0.95	4 140	4 365	0.03	0.74	882	1 093	0.63	1.74
Japan	4 200	3 697	-2.56	-1.08	3 587	3 629	-0.43	0.23	672	862	1.41	1.84
South Africa	583	563	-1.54	-0.84	274	415	9.85	5.68	164	193	0.47	1.28
DEVELOPING COUNTRIES	139 139	164 190	2.89	1.28	18 081	21 284	3.01	1.65	26 147	29 831	2.27	1.74
AFRICA	9 940	11 165	3.83	1.20	4 072	5 521	1.56	2.83	2 254	2 158	3.75	-0.03
NORTH AFRICA	3 138	3 615	4.20	1.53	770	1 054	4.81	1.87	660	615	4.80	-0.56
Algeria	98	101	-4.39	0.25	76	80	10.58	2.14	2	2	-5.86	0.00
Egypt	1 516	1 934	5.08	2.69	466	716	3.97	1.97	40	36	29.52	..
SUB-SAHARAN AFRICA	6 802	7 550	3.67	1.04	3 302	4 467	0.92	3.07	1 594	1 543	3.33	0.19
Ethiopia	47	60	16.81	3.05	3	3	18.41	0.00	2	2	8.40	0.00
Ghana	385	406	1.76	0.36	341	451	1.09	2.48	34	34	1.39	0.00
Mozambique	281	405	12.97	3.00	56	63	17.16	1.73	21	20	7.11	..
Nigeria	1 040	1 164	5.77	1.29	1 008	1 395	-5.22	3.05	62	60	18.86	0.00
Tanzania	402	454	0.63	0.81	22	32	16.92	3.36	76	26	-6.11	-9.15
Zambia	105	138	3.22	2.33	83	113	46.20	2.00	1	1	-10.48	0.00
LATIN AMERICA and CARIBBEAN	13 710	13 932	-3.42	-0.74	2 477	3 376	5.12	3.07	4 256	4 522	0.98	0.82
Argentina	821	900	-1.92	1.07	64	65	3.36	0.00	614	679	-2.26	1.84
Brazil	1 297	1 750	2.01	3.06	726	935	7.94	3.24	42	52	-3.99	0.09
Chile	3 087	3 148	-5.08	0.23	122	183	10.03	3.00	1 453	1 683	2.34	2.06
Mexico	1 685	1 632	0.07	0.26	493	878	7.27	4.78	182	153	0.07	-1.31
Peru	4 211	3 657	-6.43	-3.91	127	130	8.94	0.00	583	392	-0.96	-4.06
ASIA and PACIFIC	115 489	139 093	3.83	1.53	11 533	12 387	3.14	0.83	19 637	23 151	2.41	2.12
China ²	64 860	81 461	4.44	1.81	3 428	2 486	2.10	-3.19	7 867	9 963	1.84	3.31
India	10 091	11 437	4.15	1.15	34	58	10.21	3.00	1 012	794	6.93	-1.03
Indonesia	10 813	12 732	7.05	1.42	148	218	0.51	6.63	1 293	1 343	4.97	-0.25
Korea	2 145	2 128	-1.81	-0.28	1 659	1 787	1.40	0.90	652	550	0.48	-1.84
Philippines	2 947	3 371	-1.27	1.31	414	470	10.99	0.70	295	299	2.97	0.58
Thailand	2 578	2 750	-3.70	0.44	1 679	2 127	1.39	2.36	2 042	2 670	-3.10	2.50
Viet Nam	6 185	7 185	4.81	1.51	335	413	14.44	2.00	2 687	3 382	7.88	2.81
LEAST DEVELOPED COUNTRIES (LDC)	12 253	14 288	3.53	1.41	1 062	1 413	10.13	3.47	1 528	1 605	3.11	1.48
OECD	31 211	31 694	-0.81	0.09	21 101	23 493	0.91	0.96	12 949	14 163	1.32	0.99
BRICS	81 398	99 941	4.23	1.65	5 352	4 695	1.12	-0.84	11 058	13 269	2.53	2.53

.. 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. All data are in live weight equivalent.

Average 2014-16est: Data for 2016 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.30.2. Fish and seafood projections: Reduction, food consumption

Calendar year

	REDUCTION (kt)		Growth (%) ³		FOOD CONS. (kt)		Growth (%) ³		FOOD CONS. (kg/cap)		Growth (%) ³	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	14 187	13 698	-3.17	-1.18	148 756	177 367	2.94	1.41	20.3	21.6	1.72	0.41
DEVELOPED COUNTRIES	4 494	4 032	-0.20	-0.86	31 718	33 651	-0.07	0.44	22.7	23.3	-0.49	0.18
NORTH AMERICA	999	1 054	1.20	0.24	7 995	8 800	0.93	0.68	22.3	22.8	0.11	-0.02
Canada	27	42	-7.38	-0.05	785	829	0.39	0.65	21.9	21.1	-0.68	-0.14
United States	972	1 012	1.56	0.26	7 210	7 972	0.99	0.69	22.4	23.0	0.20	0.00
EUROPE	2 323	1 893	-0.73	-1.36	16 042	17 374	0.13	0.57	21.7	23.5	0.02	0.60
European Union	613	404	-3.22	-3.40	11 649	13 023	0.68	0.69	23.1	25.6	0.52	0.62
Norway	822	704	2.86	0.00	260	298	0.41	1.32	49.9	51.6	-0.84	0.44
Russia	362	260	2.37	-3.64	3 121	3 002	-0.42	0.19	21.8	21.3	-0.45	0.40
OCEANIA DEVELOPED	91	110	-4.55	0.85	723	807	0.80	0.80	25.4	25.0	-0.70	-0.31
Australia	32	46	-5.52	2.15	606	679	0.95	0.84	25.3	24.8	-0.69	-0.32
New Zealand	59	64	-4.34	0.04	116	128	0.06	0.59	25.7	25.7	-0.74	-0.24
OTHER DEVELOPED ¹	1 081	975	0.13	-1.14	6 958	6 671	-1.63	-0.22	25.5	23.4	-2.25	-0.56
Japan	770	589	-0.21	-2.68	6 161	5 775	-2.04	-0.45	48.7	47.2	-1.96	-0.12
South Africa	311	385	0.74	1.80	385	400	1.77	1.18	7.1	6.8	0.63	0.53
DEVELOPING COUNTRIES	9 692	9 667	-4.31	-1.31	117 038	143 716	3.90	1.65	19.7	21.2	2.48	0.49
AFRICA	424	437	-2.00	0.20	11 208	14 011	3.23	2.11	9.9	9.5	0.56	-0.32
NORTH AFRICA	219	240	-3.41	0.36	2 988	3 801	4.76	2.18	16.3	17.7	2.92	0.75
Algeria	0	0	..	..	172	179	0.05	1.05	4.3	3.9	-1.79	-0.31
Egypt	0	0	..	..	1 941	2 613	4.60	2.57	21.2	23.6	2.43	0.88
SUB-SAHARAN AFRICA	205	197	-0.10	0.00	8 220	10 210	2.72	2.08	8.7	8.1	-0.11	-0.53
Ethiopia	0	0	..	..	47	60	17.49	3.01	0.5	0.5	14.52	0.73
Ghana	0	0	..	..	692	823	1.50	1.48	25.2	24.0	-0.93	-0.53
Mozambique	0	0	..	..	316	448	14.04	2.96	11.3	12.0	10.89	0.29
Nigeria	0	0	..	..	1 986	2 500	-0.63	2.27	10.9	10.5	-3.25	-0.20
Tanzania	0	0	..	..	349	460	3.82	2.02	6.5	6.2	0.59	-0.94
Zambia	0	0	..	..	158	230	8.54	2.87	9.7	10.2	5.31	-0.15
LATIN AMERICA and CARIBBEAN	4 791	4 471	-8.61	-3.08	6 553	8 001	2.51	2.09	10.4	11.4	1.35	1.19
Argentina	0	0	..	..	271	286	0.06	-0.79	6.2	6.0	-0.97	-1.65
Brazil	81	65	6.05	0.79	1 900	2 568	4.06	3.25	9.1	11.5	3.10	2.57
Chile	1 380	1 231	-10.12	-1.71	283	337	0.93	1.43	15.8	17.1	-0.15	0.56
Mexico	184	261	-9.68	0.19	1 808	2 092	3.76	1.98	14.2	14.6	2.29	0.90
Peru	2 885	2 658	-8.80	-4.09	691	704	1.14	0.40	22.0	19.8	-0.17	-0.69
ASIA and PACIFIC	4 477	4 758	3.07	0.83	99 277	121 703	4.07	1.57	23.7	26.5	2.95	0.75
China ²	1 965	2 176	3.68	1.30	56 746	71 017	4.78	1.56	41.2	50.2	4.24	1.34
India	494	490	5.81	0.00	8 545	10 178	3.93	1.42	6.5	6.9	2.58	0.36
Indonesia	8	8	-19.31	0.00	8 840	11 236	5.99	2.17	34.3	39.2	4.63	1.22
Korea	93	85	-2.05	-0.66	2 986	3 246	0.57	0.82	59.4	62.3	0.05	0.51
Philippines	0	0	..	..	3 067	3 542	-0.54	1.29	30.5	30.1	-2.07	-0.11
Thailand	438	340	-4.82	-2.48	1 775	1 866	0.08	0.36	26.1	27.2	-0.24	0.32
Viet Nam	719	860	15.56	2.01	3 114	3 357	2.05	0.28	33.3	32.7	0.95	-0.54
LEAST DEVELOPED COUNTRIES (LDC)	342	389	3.30	2.29	10 725	13 202	4.04	2.05	11.2	10.8	1.60	-0.19
OECD	5 542	5 053	-4.15	-0.99	32 736	35 307	0.29	0.58	24.9	25.7	-0.30	0.18
BRICS	3 213	3 377	3.64	0.66	70 697	87 165	4.36	1.54	22.9	26.3	3.46	0.93

.. 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. All data are in live weight equivalent.

Average 2014-16est: Data for 2016 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.31.1. Ethanol projections: Production and use

Calendar year

	PRODUCTION (mln L)		Growth (%) ⁴	DOMESTIC USE (mln L)		Growth (%) ⁴	FUEL USE (mln L)		Growth (%) ⁴
	Average 2014-16est	2026	2017-26	Average 2014-16est	2026	2017-26	Average 2014-16est	2026	2017-26
WORLD	117 435	136 660	1.03	117 236	136 898	1.00	96 241	113 609	1.01
DEVELOPED COUNTRIES	68 069	72 701	0.04	67 746	73 798	0.08	62 003	67 625	0.06
NORTH AMERICA	59 340	63 399	-0.04	57 353	62 583	0.12	55 465	60 678	0.12
Canada	1 845	1 792	-0.07	3 020	2 953	-0.08	2 815	2 697	-0.26
United States	57 495	61 607	-0.03	54 333	59 631	0.13	52 650	57 981	0.13
EUROPE	8 074	8 600	0.61	8 664	9 391	-0.02	5 746	6 117	-0.18
European Union	7 039	7 346	0.46	7 585	8 097	-0.23	5 568	5 830	-0.34
Russia	559	563	-0.57	487	467	-0.70	0	0	..
Ukraine	352	539	3.95	354	545	3.90	175	283	3.90
OCEANIA DEVELOPED	310	325	-0.90	281	262	-1.18	208	192	-1.57
Australia	307	324	-0.91	281	262	-1.18	208	192	-1.57
New Zealand	3	1	0.00	0	0	..	0	0	..
OTHER DEVELOPED ¹	344	377	0.82	1 448	1 562	-0.79	583	639	-2.19
Japan	81	85	0.06	1 352	1 433	-1.04	578	633	-2.22
Kazakhstan	0	0	3.96	0	0	3.96	0	0	3.96
South Africa	258	275	0.67	69	92	2.17	5	6	2.17
DEVELOPING COUNTRIES	49 365	63 959	2.29	49 491	63 100	2.19	34 238	45 983	2.61
AFRICA	863	1 323	4.10	999	1 321	4.11	71	128	3.18
NORTH AFRICA	199	282	4.16	184	272	4.36	0	0	..
Algeria	77	102	3.49	79	108	3.26	0	0	..
Egypt	40	51	2.82	21	28	5.87	0	0	..
SUB-SAHARAN AFRICA	664	1 041	4.08	815	1 050	4.04	71	128	3.18
Ethiopia	67	127	2.68	43	57	7.34	0	0	..
Ghana	0	8	26.53	65	89	1.00	0	0	..
Mozambique	6	12	7.19	6	12	6.78	0	0	..
Nigeria	15	76	19.52	173	250	3.24	0	0	..
Tanzania	18	34	6.93	18	36	6.55	0	0	..
Zambia	11	18	5.84	11	19	5.49	0	0	..
LATIN AMERICA and CARIBBEAN	33 193	41 579	2.12	32 434	40 161	2.09	28 166	35 344	2.14
Argentina	932	1 518	3.06	919	1 491	3.02	769	1 296	2.96
Brazil	29 368	36 317	2.06	28 058	34 395	2.05	26 267	32 492	2.11
Chile	12	27	9.71	46	61	3.30	0	0	..
Colombia	471	604	0.91	579	721	0.81	447	580	1.00
Mexico	93	133	2.67	371	462	1.80	151	199	1.56
Paraguay	233	343	3.49	209	319	3.81	181	283	3.81
Peru	204	280	4.60	226	349	3.52	161	256	3.52
Uruguay	84	119	4.08	114	147	3.15	10	7	3.15
ASIA and PACIFIC	15 310	21 056	2.54	16 058	21 618	2.27	6 001	10 511	4.36
Bangladesh	110	210	6.33	108	203	6.61	0	0	..
China ²	9 822	11 790	1.16	10 250	11 949	0.98	3 250	4 542	2.49
India	2 271	3 372	2.98	2 336	3 364	2.38	752	1 766	4.91
Indonesia	200	340	5.43	146	317	5.95	109	243	5.95
Iran	0	0	..	0	0	4.26	0	0	..
Korea	163	155	0.01	482	495	-0.01	5	5	-0.80
Malaysia	0	0	9.23	0	0	4.97	0	0	..
Pakistan	507	429	0.14	26	32	0.29	2	3	2.67
Philippines	286	1 039	10.77	635	1 377	6.98	480	1 001	6.98
Saudi Arabia	39	59	4.29	72	100	2.31	0	0	..
Thailand	1 560	3 004	5.83	1 512	3 000	5.80	1 263	2 716	6.63
Turkey	124	218	5.02	213	295	3.47	50	70	3.47
Viet Nam	200	370	5.16	154	322	6.20	61	140	6.20
LEAST DEVELOPED COUNTRIES (LDC)	406	711	5.06	403	657	5.61	33	61	5.47
OECD³	67 204	71 738	0.03	67 855	73 878	0.07	62 029	67 610	0.05
BRICS	42 277	52 316	1.86	41 200	50 268	1.78	30 273	38 805	2.27

.. Not available

Note: Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.31.2. Ethanol projections: Share in volume terms and trade

Calendar year

	SHARE IN GASOLINE TYPE FUEL USE (%)		IMPORTS (mln L)		Growth (%) ⁴	EXPORTS (mln L)		Growth (%) ⁴
	Average 2014-16est	2026	Average 2014-16est	2026	2017-26	Average 2014-16est	2026	2017-26
WORLD	6.5	7.1	8 153	7 939	-1.44	8 168	7 915	-1.45
DEVELOPED COUNTRIES	7.0	8.4	4 353	4 554	-1.62	4 571	3 584	-2.88
NORTH AMERICA	9.3	10.9	2 246	2 164	-0.50	4 024	3 106	-3.23
Canada	5.7	6.0	1 225	1 221	-0.10	64	60	0.04
United States	9.6	11.3	1 021	943	-1.00	3 961	3 046	-3.28
EUROPE	3.2	3.9	813	1 008	-4.07	315	217	-0.65
European Union	4.8	5.9	686	861	-4.57	217	110	-1.31
Russia	0.0	0.0	0	0	-0.14	90	95	0.09
Ukraine	3.3	5.3	8	13	0.00	6	7	0.00
OCEANIA DEVELOPED	1.0	1.0	9	9	-0.33	38	72	0.22
Australia	1.1	1.2	6	8	-0.36	32	71	0.23
New Zealand	0.0	0.0	2	1	0.00	6	2	0.00
OTHER DEVELOPED ¹	0.7	0.9	1 285	1 374	-1.09	194	189	0.00
Japan	1.1	1.5	1 260	1 350	-1.11	1	2	0.00
Kazakhstan	0.0	0.0	0	0	0.00	0	0	0.00
South Africa	0.0	0.0	4	4	0.00	193	187	0.00
DEVELOPING COUNTRIES	5.8	5.8	3 801	3 385	-1.19	3 596	4 331	-0.09
AFRICA	0.2	0.3	278	344	0.00	142	346	0.00
NORTH AFRICA	0.0	0.0	12	29	0.00	27	40	0.00
Algeria	0.0	0.0	5	14	0.00	3	8	0.00
Egypt	0.0	0.0	1	1	0.00	20	24	0.00
SUB-SAHARAN AFRICA	0.0	0.0	266	315	0.00	115	307	0.00
Ethiopia	0.0	0.0	0	0	0.00	23	70	0.00
Ghana	0.0	0.0	65	81	0.00	0	0	0.00
Mozambique	0.0	0.0	0	1	0.00	0	1	0.00
Nigeria	0.0	0.0	159	174	0.00	0	0	0.00
Tanzania	0.0	0.0	1	3	0.00	1	2	0.00
Zambia	0.0	0.0	1	2	0.00	0	1	0.00
LATIN AMERICA and CARIBBEAN	18.8	20.8	1 854	1 714	-1.30	2 598	3 218	-0.35
Argentina	8.7	12.1	1	2	-0.53	17	28	5.46
Brazil	52.2	56.4	566	364	-5.77	1 857	2 373	-0.51
Chile	0.0	0.0	35	34	0.00	0	0	0.00
Colombia	7.4	7.1	108	117	0.33	0	0	-0.02
Mexico	0.3	0.4	282	331	1.46	5	2	0.01
Paraguay	21.3	30.9	0	0	0.00	24	24	0.00
Peru	6.8	9.7	105	134	0.00	83	65	0.00
Uruguay	1.5	1.1	46	53	0.00	16	25	0.00
ASIA and PACIFIC	1.5	1.8	1 668	1 328	-1.32	857	766	1.06
Bangladesh	0.0	0.0	0	0	0.00	2	6	0.00
China ²	2.2	1.7	513	190	-3.51	29	31	0.25
India	2.5	2.4	225	213	-3.53	160	221	3.62
Indonesia	0.3	0.7	1	1	0.00	55	23	0.00
Iran	0.0	0.0	0	0	0.00	0	0	0.00
Korea	0.0	0.0	327	340	-0.01	0	0	..
Malaysia	0.0	0.0	0	0	0.00	0	0	0.00
Pakistan	0.0	0.0	0	0	-0.58	481	398	0.12
Philippines	9.2	17.0	348	338	0.00	0	0	0.00
Saudi Arabia	0.0	0.0	37	43	0.00	4	3	0.00
Thailand	12.5	14.8	23	22	-0.57	70	26	1.96
Turkey	1.8	2.3	90	79	0.00	1	3	0.00
Viet Nam	0.8	1.8	8	7	0.00	53	55	0.00
LEAST DEVELOPED COUNTRIES (LDC)	0.2	0.3	33	45	0.00	36	99	0.00
OECD³	7.2	8.5	5 067	5 311	-1.33	4 287	3 297	-3.10
BRICS	10.3	8.4	1 308	772	-4.76	2 329	2 907	-0.20

.. Not available

Note: Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.32.1. Biodiesel projections: Production and use

Calendar year

	PRODUCTION (mln L)		Growth (%) ⁴	DOMESTIC USE (mln L)		Growth (%) ⁴
	Average 2014-16est	2026		Average 2014-16est	2026	
WORLD	33 844	40 469	0.69	33 751	40 597	0.69
DEVELOPED COUNTRIES	20 430	20 858	-0.57	22 440	22 629	-1.11
NORTH AMERICA	6 659	7 781	-0.32	8 258	9 549	-0.50
Canada	343	419	0.43	598	663	1.05
United States	6 316	7 362	-0.36	7 660	8 887	-0.61
EUROPE	13 632	12 968	-0.72	13 853	12 894	-1.55
European Union	13 496	12 723	-0.76	13 696	12 615	-1.61
Russia	0	0	..	0	0	..
Ukraine	0	0	3.90	0	0	3.90
OCEANIA DEVELOPED	123	95	0.77	317	175	0.44
Australia	123	95	0.77	317	175	0.44
New Zealand	0	0	..	0	0	..
OTHER DEVELOPED ¹	15	14	-1.24	13	11	-1.56
Japan	15	14	-1.24	13	11	-1.57
Kazakhstan	0	0	3.96	0	0	3.96
South Africa	0	0	2.17	0	0	2.17
DEVELOPING COUNTRIES	13 414	19 611	2.24	11 310	17 968	3.52
AFRICA	0	0	4.87	0	0	4.87
NORTH AFRICA	0	0	5.01	0	0	5.01
Algeria	0	0	3.26	0	0	3.26
Egypt	0	0	5.87	0	0	5.87
SUB-SAHARAN AFRICA	0	0	4.85	0	0	4.85
Ethiopia	0	0	7.34	0	0	7.34
Ghana	0	0	5.01	0	0	5.01
Mozambique	0	0	6.78	0	0	6.78
Nigeria	0	0	3.24	0	0	3.24
Tanzania	0	0	6.55	0	0	6.55
Zambia	0	0	5.49	0	0	5.49
LATIN AMERICA and CARIBBEAN	7 122	9 217	0.99	5 927	8 579	3.31
Argentina	2 698	2 879	-3.24	1 153	1 797	3.10
Brazil	3 784	5 414	3.66	3 761	5 391	3.65
Chile	0	0	3.30	0	0	3.30
Colombia	588	676	1.02	591	728	1.43
Mexico	0	0	..	0	0	..
Paraguay	11	17	3.81	11	17	3.81
Peru	0	175	26.66	371	590	3.52
Uruguay	40	56	3.15	40	56	3.15
ASIA and PACIFIC	6 292	10 393	3.50	5 383	9 389	3.73
Bangladesh	0	0	6.61	0	0	6.61
China ²	1 158	1 466	2.23	1 272	1 556	2.11
India	135	178	2.56	90	132	2.74
Indonesia	2 293	4 445	4.82	1 570	3 868	5.21
Iran	0	0	4.26	0	0	4.26
Korea	580	718	0.33	494	657	0.38
Malaysia	644	1 124	1.91	475	712	2.94
Pakistan	0	0	5.48	0	0	5.48
Philippines	245	704	6.98	245	704	6.98
Saudi Arabia	0	0	2.31	0	0	2.31
Thailand	1 237	1 758	3.04	1 237	1 758	3.04
Turkey	0	0	3.47	0	0	3.47
Viet Nam	0	0	6.20	0	0	6.20
LEAST DEVELOPED COUNTRIES (LDC)	0	0	5.11	0	0	5.11
OECD³	21 010	21 576	-0.54	22 934	23 287	-1.07
BRICS	5 077	7 058	3.32	5 123	7 079	3.28

.. Not available

Note: Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.32.2. Biodiesel projections: Share in volume terms and trade

Calendar year

	SHARE IN DIESEL TYPE FUEL USE (%)		IMPORTS (mln L)		Growth (%) ⁴	EXPORTS (mln L)		Growth (%) ⁴
	Average 2014-16est	2026	Average 2014-16est	2026	2017-26	Average 2014-16est	2026	2017-26
WORLD	2.5	2.9	3 590	3 224	-3.55	3 514	3 096	-3.68
DEVELOPED COUNTRIES	3.8	4.1	3 095	2 668	-4.26	923	897	0.82
NORTH AMERICA	3.5	4.3	2 392	2 510	-0.84	631	741	0.24
Canada	2.3	2.3	536	567	0.52	282	323	-0.58
United States	3.5	4.3	1 856	1 943	-1.21	350	418	0.93
EUROPE	5.0	5.2	499	77	-27.13	278	151	4.30
European Union	6.1	6.5	462	9	-39.40	262	117	6.06
Russia	0.0	0.0	0	0	..	0	0	..
Ukraine	0.0	0.0	0	0	0.00	0	0	0.00
OCEANIA DEVELOPED	1.1	0.6	203	80	0.06	10	0	..
Australia	3.4	1.8	203	80	0.06	10	0	..
New Zealand	0.0	0.0	0	0	..	0	0	..
OTHER DEVELOPED ¹	0.0	0.0	1	1	0.11	4	5	-0.04
Japan	0.1	0.1	1	1	0.11	4	5	-0.04
Kazakhstan	0.0	0.0	0	0	0.00	0	0	0.00
South Africa	0.0	0.0	0	0	0.00	0	0	0.00
DEVELOPING COUNTRIES	1.5	2.1	495	556	0.64	2 591	2 199	-5.09
AFRICA	0.0	0.0	0	0	0.00	0	0	0.00
NORTH AFRICA	0.0	0.0	0	0	0.00	0	0	0.00
Algeria	0.0	0.0	0	0	0.00	0	0	0.00
Egypt	0.0	0.0	0	0	0.00	0	0	0.00
SUB-SAHARAN AFRICA	0.0	0.0	0	0	0.00	0	0	0.00
Ethiopia	0.0	0.0	0	0	0.00	0	0	0.00
Ghana	0.0	0.0	0	0	0.00	0	0	0.00
Mozambique	0.0	0.0	0	0	0.00	0	0	0.00
Nigeria	0.0	0.0	0	0	0.00	0	0	0.00
Tanzania	0.0	0.0	0	0	0.00	0	0	0.00
Zambia	0.0	0.0	0	0	0.00	0	0	0.00
LATIN AMERICA and CARIBBEAN	4.0	5.5	382	466	0.70	1 568	1 105	-9.11
Argentina	8.4	12.0	0	0	..	1 538	1 082	-9.28
Brazil	7.6	10.3	0	0	..	21	23	6.11
Chile	0.0	0.0	0	0	0.00	0	0	0.00
Colombia	6.8	6.6	11	51	9.48	8	0	-6.80
Mexico	0.0	0.0	0	0	..	0	0	..
Paraguay	0.8	1.2	0	0	0.00	0	0	0.00
Peru	5.8	8.8	371	415	0.00	0	0	0.00
Uruguay	3.1	4.2	0	0	0.00	0	0	0.00
ASIA and PACIFIC	1.0	1.5	113	90	0.37	1 023	1 094	1.47
Bangladesh	0.0	0.0	0	0	0.00	0	0	0.00
China ²	1.0	1.1	113	90	0.37	0	0	..
India	0.1	0.1	0	0	-0.08	45	45	2.03
Indonesia	4.3	8.0	0	0	0.01	723	576	2.52
Iran	0.0	0.0	0	0	0.00	0	0	0.00
Korea	0.0	0.0	0	0	..	86	60	-0.19
Malaysia	3.3	3.7	0	0	-0.02	169	412	0.34
Pakistan	0.0	0.0	0	0	0.00	0	0	0.00
Philippines	2.7	7.2	0	0	0.00	0	0	0.00
Saudi Arabia	0.0	0.0	0	0	0.00	0	0	0.00
Thailand	5.4	7.5	0	0	0.00	0	0	0.00
Turkey	0.0	0.0	0	0	0.00	0	0	0.00
Viet Nam	0.0	0.0	0	0	0.00	0	0	0.00
LEAST DEVELOPED COUNTRIES (LDC)	0.0	0.0	0	0	0.00	0	0	0.00
OECD³	3.8	4.2	3 095	2 668	-4.26	1 009	957	0.75
BRICS	1.7	1.9	113	90	0.37	66	68	3.23

.. Not available

Note: Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.33. Main policy assumptions for biofuel markets

		2016est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
ARGENTINA												
Biodiesel												
Export tax	%	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
BRAZIL												
Ethanol												
Import tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Incorporation mandate ²	%	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
Biodiesel												
Tax concessions ³	BRL/hl	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Import tariff	%	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 ³	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 tariff	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 ²	%	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	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Provincial	CAD/hl	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Biodiesel												
Tax concessions ³	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 ²	%	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	6.0	0.0	0.0	0.0	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 tariff	%	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Blending target ^{1,4}	%	90.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Biodiesel												
Blending target ¹	%	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
EUROPEAN UNION												
Biofuel												
Energy share in fuel consumption ⁵	%	5.6	5.9	6.1	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Ethanol												
Tax concessions ³	EUR/hl	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
Import tariff	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 ³	EUR/hl	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
Import tariff	%	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 tariff	%	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 tariff	%	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	%	5.5	6.4	7.3	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
INDONESIA												
Biodiesel												
Blending target ¹	%	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
MALAYSIA												
Biodiesel												
Blending target ¹	%	6.0	6.0	6.0	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
PERU												
Ethanol												
Import tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Blending target ¹	%	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
Biodiesel												
Blending target ¹	%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
THAILAND												
Ethanol												
Import tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Blending target ¹	%	10.4	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Biodiesel												
Blending target ¹	%	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

Table A.33. Main policy assumptions for biofuel markets (cont.)

		2016est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
UNITED STATES												
Renewable Fuel Standard⁶												
Total	mIn L	68 554	72 983	73 550	73 550	73 550	73 550	73 550	73 550	73 550	73 550	73 550
advanced mandate	mIn L	13 665	16 202	16 769	16 769	16 769	16 769	16 769	16 769	16 769	16 769	16 769
cellulosic ethanol	mIn L	871	1 177	1 308	1 660	1 986	2 255	2 512	2 800	3 116	3 386	3 663
Ethanol												
Import surcharge	USD/hi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Import tariff (undenatured)	%	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
Import tariff (denatured)	%	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
Blender tax credit	USD/hi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biodiesel												
Import tariff	%	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
Blender tax credit	USD/hi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note: 2016est: Data for 2016 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. Expressed in volume share.
2. Share in respective fuel type, energy equivalent.
3. Difference between tax rates applying to fossil and biogen fuels.
4. Applies to cities with more than 500 000 inhabitants.
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 other sources than biofuel will help filling the 10% transport energy target.
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 maximum volume of ethanol being consumed in low blend.

Source: OECD/FAO (2017), "OECD-FAO Agricultural Outlook", *OECD Agriculture statistics* (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.34.1. Cotton projections: Production and trade

Marketing year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	23 367	26 120	-0.78	1.75	7 461	8 278	-0.33	0.91	7 593	8 467	0.24	0.89
DEVELOPED COUNTRIES	5 632	6 462	0.01	1.05	435	381	-7.00	0.07	4 109	4 801	-1.45	0.38
NORTH AMERICA	3 351	3 610	-0.32	0.39	1	0	-24.44	-0.77	2 388	2 763	-2.72	-0.12
Canada	0	0	..	..	0	0	-27.40	-0.77	0	0	..	..
United States	3 351	3 610	-0.32	0.39	1	0	..	0.06	2 388	2 763	-2.72	-0.12
EUROPE	305	293	0.40	0.58	343	286	-7.33	-0.01	279	281	3.18	-0.04
European Union	305	292	0.41	0.58	252	193	-5.00	-0.22	278	280	3.21	-0.04
Russia	1	1	-3.32	0.31	76	77	-13.09	0.47	0	0	..	0.00
Ukraine	0	0	0.00	1.14	2	2	-19.51	2.01	0	0	-40.12	-1.97
OCEANIA DEVELOPED	631	1 025	13.98	2.66	1	1	-0.50	0.00	558	1 007	9.83	2.44
Australia	630	1 024	14.03	2.67	0	0	..	-0.03	557	1 006	9.85	2.45
New Zealand	1	1	0.00	0.00	1	1	0.00	0.00	1	1	0.00	0.00
OTHER DEVELOPED ¹	1 344	1 535	-2.47	1.77	90	93	-5.26	0.34	885	750	-3.99	-0.10
Japan	0	0	..	..	67	69	-4.67	0.14	0	0	..	..
Kazakhstan	46	45	-9.02	0.79	0	0	-43.01	0.02	33	25	-12.56	-0.76
South Africa	12	11	1.18	1.03	18	19	-7.21	1.15	7	5	-0.39	-1.14
DEVELOPING COUNTRIES	17 735	19 658	-1.02	1.99	7 025	7 897	0.24	0.96	3 484	3 666	2.61	1.60
AFRICA	1 551	1 771	4.41	1.12	155	210	-1.17	1.46	1 282	1 554	5.02	1.00
NORTH AFRICA	70	40	-11.45	0.81	134	153	-1.16	-0.15	32	21	-11.12	0.27
Algeria	0	0	0.00	1.66	6	6	-1.15	0.98	0	0	0.00	-0.97
Egypt	70	40	-11.45	0.81	79	98	-2.30	-0.27	32	21	-11.12	0.27
SUB-SAHARAN AFRICA	1 480	1 731	5.88	1.13	21	57	-0.90	7.75	1 249	1 533	5.98	1.01
Ethiopia	43	43	5.45	1.03	12	41	42.60	9.95	0	0	-36.56	-1.22
Ghana	5	5	-3.38	1.30	0	0	-37.87	-0.01	4	3	-3.79	0.01
Mozambique	23	29	-0.23	1.30	0	0	0.00	-1.29	25	29	-0.16	1.31
Nigeria	55	62	-0.91	1.89	1	1	-24.49	-1.06	41	38	6.33	1.07
Tanzania	74	79	-3.41	1.19	0	0	0.00	-0.22	45	31	0.59	0.09
Zambia	42	40	-2.33	0.04	0	0	0.00	0.19	42	37	0.45	-0.19
LATIN AMERICA and CARIBBEAN	1 951	2 249	0.85	1.93	425	507	-4.13	0.60	990	1 249	7.27	3.57
Argentina	214	231	3.99	1.00	3	2	-27.07	-0.59	87	77	34.10	0.09
Brazil	1 455	1 731	0.29	2.02	15	19	-8.52	-0.13	863	1 139	7.06	4.03
Chile	0	0	0.00	1.45	0	0	-60.98	2.19	0	0	0.00	-2.14
Colombia	23	28	-6.11	3.04	33	48	-5.91	2.37	1	0	109.22	-1.54
Mexico	219	214	7.21	2.28	240	282	-3.38	-0.11	33	28	-2.24	-1.26
Paraguay	6	6	-12.81	1.15	1	1	270.26	0.13	4	4	-9.74	-0.13
Peru	24	26	-8.07	1.37	53	58	-0.36	1.20	1	1	-4.42	-0.82
Uruguay	0	0	0.00	2.13	0	0	2.68	1.92	0	0	0.00	-1.88
ASIA and PACIFIC	14 233	15 638	-1.70	2.10	6 445	7 181	0.63	0.97	1 212	862	-1.50	0.25
Bangladesh	27	34	16.27	2.01	1 097	1 544	3.29	2.69	0	0	0.00	-0.19
China ²	5 269	4 914	-5.25	1.56	1 247	1 283	-7.47	2.64	26	32	7.37	-0.72
India	6 047	7 106	2.16	2.24	233	273	8.87	0.60	1 008	642	-0.21	-0.60
Indonesia	5	6	-3.89	2.13	671	731	3.81	1.27	1	0	-48.68	-1.26
Iran	62	54	-3.32	0.74	71	107	6.02	2.68	0	0	0.00	-0.19
Korea	0	0	..	..	270	245	3.29	-0.95	1	0	..	..
Malaysia	0	0	0.00	1.21	90	97	7.70	0.38	14	11	224.22	-0.38
Pakistan	1 881	2 455	-1.42	3.04	385	100	-4.28	-15.48	62	96	-6.95	11.62
Philippines	2	2	0.00	1.34	11	12	-3.96	3.23	0	0	0.00	-3.13
Saudi Arabia	0	0	0.00	1.47	0	0	0.00	0.40	0	0	0.00	-0.40
Thailand	1	1	-4.42	1.45	290	277	-3.97	0.07	0	0	-59.01	-0.07
Turkey	673	770	3.49	1.78	848	853	2.63	-0.10	50	51	1.32	0.10
Viet Nam	2	3	-11.60	1.89	1 026	1 456	20.00	2.48	0	0	0.00	-2.42
LEAST DEVELOPED COUNTRIES (LDC)	1 309	1 565	5.38	1.19	1 133	1 632	3.71	2.69	911	1 158	5.26	0.87
OECD³	5 194	5 927	1.46	1.01	1 680	1 644	-0.22	-0.24	3 324	4 145	-0.66	0.45
BRICS	12 784	13 763	-1.62	1.96	1 587	1 671	-6.54	2.12	1 905	1 818	2.20	2.02

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

ANNEX A

Table A.34.2. Cotton projections: Consumption

Marketing year

	CONSUMPTION (kt) ⁴		Growth (%) ⁵	
	Average 2014-16est	2026	2007-16	2017-26
WORLD	24 041	25 973	-0.84	0.90
DEVELOPED COUNTRIES	1 743	2 032	-2.45	1.63
NORTH AMERICA	750	847	-1.99	0.44
Canada	0	0	-29.91	-0.93
United States	750	847	-1.89	0.44
EUROPE	372	300	-7.99	0.33
European Union	279	206	-5.88	0.27
Russia	77	78	-13.16	0.52
Ukraine	2	2	-19.96	2.02
OCEANIA DEVELOPED	8	7	-4.08	-0.68
Australia	7	6	-4.57	-0.79
New Zealand	1	1	0.00	0.00
OTHER DEVELOPED ¹	613	878	2.20	3.51
Japan	69	69	-5.07	-0.01
Kazakhstan	14	20	1.92	3.18
South Africa	21	26	-6.95	1.57
DEVELOPING COUNTRIES	22 298	23 941	-0.69	0.84
AFRICA	378	427	-1.75	1.81
NORTH AFRICA	181	172	-3.72	0.01
Algeria	6	6	-3.19	0.98
Egypt	126	117	-5.08	-0.02
SUB-SAHARAN AFRICA	197	255	0.38	3.22
Ethiopia	50	83	8.92	4.48
Ghana	1	2	-10.94	3.73
Mozambique	0	0	17.03	5.12
Nigeria	18	25	-9.71	3.18
Tanzania	39	48	2.69	1.98
Zambia	2	3	93.23	4.57
LATIN AMERICA and CARIBBEAN	1 517	1 506	-3.36	0.26
Argentina	142	155	-2.68	1.03
Brazil	735	611	-4.60	-1.01
Chile	0	0	-57.10	2.20
Colombia	55	76	-6.44	2.62
Mexico	415	468	-0.12	0.96
Paraguay	2	3	-12.24	2.72
Peru	76	83	-5.02	1.28
Uruguay	0	0	82.07	1.91
ASIA and PACIFIC	20 403	22 008	-0.44	0.87
Bangladesh	1 074	1 578	3.14	2.68
China ²	7 331	6 216	-4.56	-1.20
India	5 253	6 738	3.61	2.49
Indonesia	668	737	3.94	1.28
Iran	132	161	-0.60	1.98
Korea	277	246	3.50	-0.92
Malaysia	72	86	5.89	0.48
Pakistan	2 350	2 459	-0.55	0.69
Philippines	13	14	-4.23	2.98
Saudi Arabia	0	0	0.00	2.15
Thailand	294	278	-4.14	0.08
Turkey	1 462	1 573	2.14	0.78
Viet Nam	1 006	1 459	19.75	2.48
LEAST DEVELOPED COUNTRIES (LDC)	1 443	2 039	3.69	2.59
OECD³	3 261	3 416	-0.32	0.53
BRICS	13 418	13 669	-2.07	0.48

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

Average 2014-16est: Data for 2016 are estimated.

1. Includes Israel and also transition economies: 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. Consumption for cotton means mill consumption and not final consumer demand.
5. Least-squares growth rate (see glossary).

Source: OECD/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.35. Main policy assumptions for cotton markets

Marketing year

		Average 2014-16est	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
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	3 721.6	4 365.8	4 799.8	4 799.8	4 799.8	4 799.8	4 799.8	4 852.8	5 080.1	5 257.0	5 440.1
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	853.3	830.0	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	39 090.4	41 452.8	43 061.4	44 677.5	46 327.2	48 169.3	51 031.4	51 031.4	51 031.4	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
RUSSIA												
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												
STAX participation rate	%	28.5	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
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	66.1	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
Target price	CNY/t	..	..	..	..	..	..	..	..	..	..	..
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

.. Not available

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

Average 2014-16est: Data for 2016 are estimated.

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

Source: OECD/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Table A.36. Roots and tubers projections: Production and food consumption

Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		FOOD CONSUMPTION (kg/cap)		Growth (%) ⁴	
	Average 2014-16est	2026	2007-16	2017-26	Average 2014-16est	2026	2007-16	2017-26
WORLD	210 331	243 787	2.42	1.31	15.2	16.0	0.71	0.38
DEVELOPED COUNTRIES	34 243	34 926	-0.10	0.22	14.2	13.8	-0.50	-0.45
NORTH AMERICA	5 404	5 582	0.91	0.33	12.1	12.3	0.19	-0.37
Canada	933	982	-0.40	0.41	14.6	13.8	0.25	-0.48
United States	4 470	4 600	1.21	0.31	11.8	12.2	0.17	-0.36
EUROPE	24 997	25 056	-0.59	0.08	17.4	16.6	-0.62	-0.52
European Union	12 063	10 890	-1.96	-0.68	14.7	13.2	-1.56	-1.05
Russia	6 491	7 007	0.60	0.47	23.8	25.0	0.94	0.20
Ukraine	4 882	5 486	3.35	0.88	32.4	35.9	2.88	0.69
OCEANIA DEVELOPED	340	368	-0.92	0.71	9.1	8.3	-3.93	-0.85
Australia	246	258	-0.81	0.46	9.0	8.0	-4.07	-1.00
New Zealand	94	109	-1.17	1.32	9.9	9.9	-3.16	-0.13
OTHER DEVELOPED ¹	3 502	3 920	2.21	0.91	8.7	9.0	0.00	0.21
Japan	815	782	-1.14	-0.32	5.4	5.2	-3.61	-0.54
Kazakhstan	703	793	5.18	0.76	25.2	25.8	2.01	0.10
South Africa	481	560	2.31	1.19	6.6	6.8	0.27	0.08
DEVELOPING COUNTRIES	176 089	208 861	2.98	1.50	15.5	16.5	0.99	0.52
AFRICA	75 808	95 851	4.06	2.00	35.9	36.5	0.61	0.09
NORTH AFRICA	2 562	3 066	7.14	1.47	9.7	10.1	3.05	0.32
Algeria	963	1 133	13.19	1.35	14.1	14.5	3.98	0.17
Egypt	1 102	1 346	5.17	1.58	8.8	9.2	3.33	0.44
SUB-SAHARAN AFRICA	73 246	92 784	3.97	2.02	41.0	41.0	0.38	-0.06
Ethiopia	1 285	1 606	-0.96	2.17	11.6	11.3	-3.52	-0.27
Ghana	7 120	8 680	5.41	1.70	123.7	127.6	1.91	0.21
Mozambique	2 020	2 603	2.38	2.46	44.9	46.1	-4.89	0.56
Nigeria	33 415	41 933	5.96	1.82	76.3	77.2	3.30	-0.02
Tanzania	2 594	3 578	2.94	2.74	38.0	38.4	-1.47	-0.07
Zambia	319	485	-2.00	4.03	18.6	20.2	-4.92	1.13
LATIN AMERICA and CARIBBEAN	14 546	15 261	-0.56	0.61	12.5	12.2	-0.62	-0.10
Argentina	556	592	-1.13	0.64	9.4	9.4	0.04	0.01
Brazil	7 679	7 305	-2.00	-0.14	14.9	13.6	-2.25	-0.52
Chile	222	268	2.50	0.59	10.4	10.8	-0.54	0.19
Colombia	1 271	1 428	1.29	1.06	21.5	22.1	0.76	0.32
Mexico	373	412	-0.51	0.81	3.1	3.1	-1.69	0.05
Paraguay	916	1 045	-1.00	1.71	54.6	53.1	2.85	0.04
Peru	1 434	1 778	2.80	1.88	28.8	30.1	1.00	0.32
Uruguay	37	41	-1.43	1.40	9.0	8.9	-3.08	0.03
ASIA and PACIFIC	85 735	97 749	2.75	1.17	10.4	10.6	0.85	0.16
Bangladesh	2 017	2 485	6.93	1.82	10.7	11.9	5.86	0.88
China ²	40 486	43 020	1.86	0.55	16.1	16.3	0.69	0.03
India	12 431	15 153	4.10	1.81	6.8	7.3	1.64	0.57
Indonesia	8 190	9 791	1.93	1.50	16.9	19.0	1.15	1.04
Iran	1 158	1 327	4.55	1.31	12.4	12.8	3.30	0.23
Korea	204	232	0.19	0.43	2.0	2.2	-8.69	1.16
Malaysia	33	42	7.98	1.45	1.9	1.9	-4.12	-0.03
Pakistan	754	947	2.41	2.00	3.1	3.4	-0.60	0.73
Philippines	974	1 165	2.94	1.65	9.4	9.6	1.52	0.08
Saudi Arabia	94	109	0.50	1.57	2.2	2.2	-5.14	-0.01
Thailand	9 295	11 344	2.43	1.71	3.5	3.4	-5.89	-0.05
Turkey	825	901	-0.69	1.20	8.6	8.5	-1.89	0.09
Viet Nam	3 597	4 337	2.54	1.73	2.3	2.5	-7.38	0.61
LEAST DEVELOPED COUNTRIES (LDC)	33 180	42 402	3.04	2.22	21.6	22.6	-0.39	0.36
OECD³	20 379	19 583	-1.04	-0.20	10.8	10.2	-1.38	-0.70
BRICS	67 568	73 044	1.58	0.72	12.2	12.3	0.48	-0.03

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

Average 2014-16est: Data for 2016 are estimated.

Production and consumption are expressed on dry weight basis.

1. Includes Israel and also transition economies: 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/FAO (2017), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en

Part II. ANNEX B

Information on food price changes.....

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	
	2016	2017	2016	2017	2016	2017	2016	2017
OECD								
Australia ¹	1.3	..	-0.9	..	12.8	12.8	-0.1	..
Austria	1.3	2.0	0.7	1.7	12.0	12.0	0.1	0.2
Belgium	1.7	2.6	1.8	2.2	17.4	17.4	0.3	0.4
Canada	2.0	2.1	4.6	-4.0	11.5	11.5	0.5	-0.5
Chile	4.8	2.8	4.3	2.4	18.9	18.9	0.8	0.5
Czech Republic	0.6	2.2	-2.0	3.5	17.0	17.0	-0.3	0.6
Denmark	0.6	0.9	-0.1	2.0	11.5	11.5	0.0	0.2
Estonia	-0.5	2.6	-0.9	3.7	21.7	21.7	-0.2	0.8
Finland	0.0	0.8	-2.3	-2.4	13.4	13.4	-0.3	-0.3
France	0.2	1.3	0.3	1.4	14.7	14.7	0.0	0.2
Germany	0.5	1.9	0.8	3.0	10.4	10.4	0.1	0.3
Greece	-0.7	1.2	1.6	1.1	17.1	17.1	0.3	0.2
Hungary	1.0	2.3	1.1	1.2	19.6	19.6	0.2	0.2
Iceland	2.1	1.9	1.2	-0.6	14.9	14.9	0.2	-0.1
Ireland	0.1	0.3	-1.0	-2.4	11.7	11.7	-0.1	-0.3
Israel	-0.6	0.1	2.2	-1.6	14.3	14.3	0.3	-0.2
Italy	0.3	1.0	0.4	2.3	16.3	16.3	0.1	0.4
Japan	-0.1	0.4	1.8	2.2	19.0	19.0	0.3	0.4
Korea	0.6	2.0	1.0	5.3	14.4	14.4	0.2	0.8
Luxembourg	0.5	1.7	1.3	2.6	11.1	11.1	0.1	0.3
Mexico	2.6	4.7	3.8	3.2	18.9	18.9	0.7	0.6
Netherlands	0.6	1.7	1.3	1.5	11.3	11.3	0.1	0.2
New Zealand ¹	0.4	..	-1.1	..	17.4	17.4	-0.2	..
Norway	2.9	2.8	1.7	2.0	13.3	13.3	0.2	0.3
Poland	-1.0	1.8	0.2	3.3	24.1	24.1	0.1	0.8
Portugal	0.8	1.3	0.2	1.3	18.1	18.1	0.0	0.2
Slovak Republic	-0.6	0.7	-2.3	1.5	18.4	18.4	-0.4	0.3
Slovenia	-0.5	1.3	0.5	2.8	17.0	17.0	0.1	0.5
Spain	-0.3	3.0	2.1	1.0	18.2	18.2	0.4	0.2
Sweden	0.8	1.4	2.2	1.7	13.9	13.9	0.3	0.2
Switzerland	-1.3	0.3	-1.4	0.9	10.8	10.8	-0.2	0.1
Turkey	9.6	9.2	11.7	7.8	26.8	26.8	3.1	2.1
United Kingdom	0.3	1.8	-2.6	-0.5	11.8	11.8	-0.3	-0.1
United States	1.4	2.5	-0.5	-1.9	7.8	7.8	0.0	-0.1
OECD Total	1.2	2.3	0.7	0.4	..	..	..	..
Enhanced Engagement								
Brazil	10.7	5.4	12.9	5.1	22.5	22.5	2.9	1.2
China	1.8	2.5	3.6	2.5	33.6	33.6	1.2	0.8
India	4.1	1.9	6.6	..	35.4	35.4	2.3	..
Indonesia	5.9	3.5	6.6	4.1	19.6	19.6	1.3	0.8
Russia	9.8	5.0	9.2	3.9	32.8	32.8	3.0	1.3
South Africa	6.2	6.8	7.4	12.5	18.3	18.3	1.3	2.3

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	
	2016	2017	2016	2017	2016	2017	2016	2017
Non OECD								
Algeria	5.0	8.2	2.0	8.0	43.8	43.8	0.9	3.5
Bangladesh	6.1	5.2	4.3	6.5	28.6	28.6	1.2	1.9
Bolivia	2.4	3.7	3.2	5.8	39.3	39.3	1.3	2.3
Botswana	2.7	3.4	1.2	4.2	23.7	23.7	0.3	1.0
Bulgaria	0.0	0.4	0.5	3.6	37.2	37.2	0.2	1.3
Colombia	7.5	5.5	12.3	6.0	34.7	34.7	4.3	2.1
Costa Rica	-0.2	0.7	0.9	0.8	21.4	21.4	0.2	0.2
Dominican Republic	2.5	2.3	7.1	-2.0	29.2	29.2	2.1	-0.6
Ecuador	3.1	0.9	3.4	1.5	23.0	23.0	0.8	0.3
Egypt	10.1	28.1	13.1	37.1	26.3	26.3	3.4	9.8
El Salvador	-0.8	0.3	0.0	-3.4	26.0	26.0	0.0	-0.9
Ethiopia	10.2	6.9	12.4	6.0	57.0	57.0	7.1	3.4
Ghana	19.0	13.0	8.2	16.6	37.0	37.0	3.0	6.1
Guatemala	2.3	3.8	11.8	5.6	28.6	28.6	3.4	1.6
Haiti	13.3	14.1	15.2	13.9	50.4	50.4	7.7	7.0
Honduras	3.1	3.4	2.3	-1.4	31.8	31.8	0.7	-0.4
Iraq	-0.9	-0.8	-1.6	-3.3	35.0	35.0	-0.6	-1.2
Jordan	-1.1	2.5	-2.2	-1.4	35.2	35.2	-0.8	-0.5
Kenya	7.8	7.0	12.7	12.5	36.0	36.0	4.6	4.5
Madagascar	8.3	6.9	8.8	5.6	60.0	60.0	5.3	3.4
Malawi	23.5	18.1	28.4	21.0	50.0	50.0	14.2	10.5
Malaysia	3.5	3.2	3.9	4.0	56.3	56.3	2.2	2.3
Moldavia	13.4	3.0	14.6	3.8	60.0	60.0	8.8	2.3
Morocco	0.3	2.1	-0.2	2.8	40.4	40.4	-0.1	1.1
New Caledonia	0.8	0.9	1.6	2.8	21.0	21.0	0.3	0.6
Nicaragua	3.2	3.8	0.6	0.0	26.1	26.1	0.2	0.0
Niger	1.6	0.4	1.7	-2.9	29.0	29.0	0.5	-0.8
Nigeria	9.6	18.7	10.6	17.8	51.8	51.8	5.5	9.2
Pakistan	2.5	3.7	1.4	2.6	45.5	45.5	0.6	1.2
Panama	1.1	0.6	2.4	0.4	33.6	33.6	0.8	0.1
Paraguay	2.6	1.9	7.5	2.6	39.1	39.1	2.9	1.0
Peru	4.3	3.1	5.4	4.1	25.0	25.0	1.4	1.0
Philippines	1.3	2.7	1.9	3.4	39.0	39.0	0.7	1.3
Romania	-2.1	0.1	-6.3	1.1	37.4	37.4	-2.4	0.4
Rwanda	4.5	17.4	8.6	16.2	48.4	48.4	4.2	7.8
Senegal	0.9	1.6	1.2	5.6	53.4	53.4	0.6	3.0
Singapore	-0.7	0.6	1.8	1.9	8.5	8.5	0.2	0.2
Sri Lanka	0.3	5.5	-0.2	4.5	41.0	41.0	-0.1	1.8
Chinese Taipei	1.8	2.2	4.1	3.0	16.6	16.6	0.7	0.5
Tanzania	6.5	5.2	10.7	7.6	33.6	33.6	3.6	2.6
Thailand	0.0	2.2	0.0	2.4	33.0	33.0	0.0	0.8
Tunisia	3.3	4.6	1.1	4.7	33.8	33.8	0.4	1.6
Uganda	7.6	5.9	12.3	14.5	27.2	27.2	3.3	3.9
Uruguay	9.7	8.3	8.3	6.3	19.2	19.2	1.6	1.2
Zambia	21.8	7.0	25.9	..	52.5	52.5	13.6	..

.. Not available

1. No data available for January 2017 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.



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