

Table C.1. World cereal projections

Marketing year

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
WHEAT												
World												
Production	Mt	788.3	798.4	803.0	810.8	819.0	827.8	836.8	845.9	854.6	863.1	871.7
Area	Mha	222.1	223.1	222.9	223.3	223.7	224.2	224.7	225.2	225.6	226.0	226.5
Yield	t/ha	3.55	3.58	3.60	3.63	3.66	3.69	3.72	3.76	3.79	3.82	3.85
Consumption	Mt	781.7	797.3	805.4	814.2	822.3	828.7	837.5	845.4	853.8	862.8	871.2
Feed use	Mt	151.5	156.0	156.7	158.3	160.0	161.5	163.0	164.7	166.1	167.4	168.7
Food use	Mt	506.9	518.0	523.8	529.6	535.5	541.4	547.5	553.5	559.5	565.3	571.1
Biofuel use	Mt	8.2	8.5	8.7	8.8	8.9	9.0	9.1	9.2	9.2	9.3	9.3
Exports	Mt	193.9	196.5	196.6	197.5	201.2	204.6	207.8	211.0	214.3	217.0	220.2
Closing stocks	Mt	305.1	310.5	308.0	304.6	301.3	300.3	299.7	300.1	300.9	301.2	301.7
Price ¹	USD/t	364.5	269.3	257.1	258.9	262.8	267.9	272.4	276.1	279.3	283.9	287.1
Developed countries												
Production	Mt	410.2	411.2	412.3	415.9	419.4	423.2	427.0	431.0	434.8	438.6	442.5
Consumption	Mt	270.4	270.8	271.9	273.8	274.9	274.2	275.7	276.2	277.4	279.3	280.6
Net trade	Mt	133.1	142.4	142.1	142.6	145.8	148.6	151.2	153.8	156.4	158.5	161.1
Closing stocks	Mt	84.8	87.7	86.0	85.5	84.2	84.6	84.8	85.7	86.8	87.6	88.4
Developing countries												
Production	Mt	378.0	387.2	390.6	394.9	399.5	404.6	409.8	414.8	419.8	424.5	429.2
Consumption	Mt	511.3	526.5	533.5	540.4	547.4	554.6	561.8	569.2	576.4	583.5	590.6
Net trade	Mt	-132.0	-142.4	-142.1	-142.6	-145.8	-148.6	-151.2	-153.8	-156.4	-158.5	-161.1
Closing stocks	Mt	220.4	222.8	222.0	219.2	217.1	215.7	214.9	214.4	214.1	213.6	213.3
OECD²												
Production	Mt	285.2	293.9	293.4	294.7	296.1	297.6	299.4	301.2	302.9	304.5	306.1
Consumption	Mt	223.9	226.3	225.3	225.6	225.7	225.7	226.4	227.1	227.8	228.4	228.9
Net trade	Mt	60.4	69.2	67.8	67.9	69.9	71.2	72.3	73.4	74.3	75.3	76.5
Closing stocks	Mt	59.4	57.3	57.6	58.8	59.4	60.0	60.7	61.5	62.3	63.0	63.7
MAIZE												
World												
Production	Mt	1214.7	1261.7	1273.0	1289.5	1305.1	1321.7	1337.2	1353.2	1369.2	1385.5	1401.7
Area	Mha	206.0	209.7	210.4	211.7	212.5	213.6	214.4	215.4	216.3	217.3	218.2
Yield	t/ha	5.90	6.02	6.05	6.09	6.14	6.19	6.24	6.28	6.33	6.38	6.42
Consumption	Mt	1219.2	1257.7	1267.3	1283.4	1297.6	1312.7	1328.6	1344.5	1360.7	1377.2	1393.3
Feed use	Mt	678.1	696.0	707.4	713.0	721.5	730.4	739.7	749.0	758.5	767.6	777.1
Food use	Mt	141.7	146.6	148.9	151.6	154.2	157.0	159.7	162.4	165.1	167.8	170.4
Biofuel use	Mt	188.2	193.2	195.3	196.8	198.3	199.7	201.2	202.8	204.4	206.0	207.3
Exports	Mt	182.6	187.0	188.7	192.5	195.5	199.4	202.9	206.5	210.1	213.9	217.7
Closing stocks	Mt	296.2	291.9	293.0	294.4	297.3	301.6	305.6	309.6	313.5	317.1	320.9
Price ³	USD/t	267.6	204.0	196.4	198.0	201.2	204.4	207.3	210.0	212.6	215.7	218.0
Developed countries												
Production	Mt	523.7	537.7	540.5	545.9	548.6	553.3	557.4	562.3	566.6	570.9	575.1
Consumption	Mt	466.7	477.2	482.5	487.9	491.7	494.6	498.2	502.0	505.6	509.2	512.6
Net trade	Mt	57.4	57.8	56.8	55.9	56.9	57.9	58.6	59.1	59.8	60.6	61.5
Closing stocks	Mt	90.6	93.0	94.1	96.3	96.4	97.2	97.8	99.0	100.2	101.3	102.3
Developing countries												
Production	Mt	666.7	682.6	696.0	707.6	715.8	727.4	737.8	749.1	760.1	770.9	780.3
Consumption	Mt	728.9	747.4	755.8	763.1	775.8	787.4	798.6	809.8	821.2	832.8	843.7
Net trade	Mt	-61.8	-62.2	-61.2	-60.2	-61.3	-62.3	-63.0	-63.5	-64.2	-65.0	-65.9
Closing stocks	Mt	213.0	206.1	207.5	212.3	213.7	216.0	218.2	221.1	224.2	227.4	229.8
OECD²												
Production	Mt	481.3	499.6	501.8	506.3	507.9	511.2	513.9	517.3	520.2	522.9	525.7
Consumption	Mt	501.5	512.3	517.7	523.2	526.8	529.8	533.6	537.4	541.1	544.8	548.5
Net trade	Mt	-13.2	-17.7	-18.8	-18.9	-19.3	-19.6	-20.3	-21.1	-22.0	-22.9	-23.6
Closing stocks	Mt	71.3	69.8	72.8	74.8	75.1	76.1	76.7	77.8	78.8	79.7	80.5

Table C.1. World cereal projections (cont.)

Marketing year

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
OTHER COARSE GRAINS												
World												
Production	Mt	299.0	307.8	309.9	312.3	314.7	317.2	319.4	321.9	324.2	326.5	328.7
Area	Mha	147.6	148.4	148.2	148.3	148.1	148.0	147.8	147.7	147.6	147.5	147.4
Yield	t/ha	2.03	2.07	2.09	2.11	2.12	2.14	2.16	2.18	2.20	2.21	2.23
Consumption	Mt	298.8	301.4	308.7	312.1	314.1	316.1	318.1	320.4	322.8	325.2	327.4
Feed use	Mt	166.4	163.3	168.0	169.1	169.9	170.7	171.5	172.4	173.4	174.5	175.5
Food use	Mt	77.9	79.6	81.5	83.1	84.5	85.8	87.2	88.6	90.0	91.4	92.7
Biofuel use	Mt	5.7	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0
Exports	Mt	45.4	44.5	45.0	45.3	45.5	46.0	46.5	47.2	47.8	48.5	49.1
Closing stocks	Mt	57.9	63.4	63.6	62.9	62.6	62.7	63.0	63.5	63.9	64.3	64.7
Price ⁴	USD/t	284.1	224.0	220.1	222.2	225.6	229.7	234.7	238.5	242.0	245.8	249.0
Developed countries												
Production	Mt	181.8	181.2	181.3	182.0	182.5	183.2	183.6	184.3	185.0	185.6	186.2
Consumption	Mt	148.5	145.8	149.1	149.8	149.7	149.6	149.3	149.2	149.1	149.0	148.9
Net trade	Mt	32.5	31.5	32.1	32.5	32.9	33.6	34.2	34.9	35.6	36.4	37.1
Closing stocks	Mt	29.8	34.1	34.2	33.9	33.8	33.9	34.0	34.2	34.4	34.6	34.8
Developing countries												
Production	Mt	117.2	126.6	128.6	130.3	132.2	134.0	135.8	137.5	139.2	140.9	142.5
Consumption	Mt	150.3	155.5	159.5	162.3	164.4	166.6	168.8	171.3	173.7	176.2	178.5
Net trade	Mt	-31.5	-30.6	-31.2	-31.6	-32.0	-32.6	-33.3	-34.0	-34.7	-35.4	-36.1
Closing stocks	Mt	28.1	29.2	29.4	29.0	28.7	28.8	29.1	29.3	29.5	29.7	29.9
OECD²												
Production	Mt	150.6	152.1	152.0	152.4	152.6	152.9	153.0	153.3	153.6	153.9	154.2
Consumption	Mt	130.2	127.4	130.9	131.5	131.4	131.3	131.0	130.8	130.8	130.7	130.6
Net trade	Mt	20.9	20.6	20.5	20.7	21.0	21.5	21.9	22.3	22.7	23.1	23.4
Closing stocks	Mt	19.7	22.2	22.8	23.0	23.2	23.3	23.4	23.5	23.6	23.8	23.9
RICE												
World												
Production	Mt	526.4	541.1	545.4	548.8	554.3	560.1	566.0	571.6	577.0	581.7	586.6
Area	Mha	166.3	168.0	168.0	168.0	168.1	168.3	168.5	168.6	168.8	169.0	169.1
Yield	t/ha	3.17	3.22	3.25	3.27	3.30	3.33	3.36	3.39	3.42	3.44	3.47
Consumption	Mt	525.5	539.1	547.0	551.8	558.3	563.1	567.8	573.0	578.2	583.0	587.6
Feed use	Mt	21.4	19.5	20.4	21.0	21.3	21.6	21.9	22.3	22.5	22.7	23.0
Food use	Mt	401.9	418.1	424.3	428.1	433.5	437.2	440.8	444.9	448.9	452.5	455.9
Exports	Mt	53.9	51.8	53.7	54.9	56.1	57.5	58.9	60.2	61.6	62.9	64.2
Closing stocks	Mt	196.5	201.3	201.2	199.6	197.0	195.5	195.1	195.1	195.3	195.6	196.1
Price ⁵	USD/t	439.4	464.3	429.4	424.0	429.6	437.4	443.3	449.1	454.7	461.2	466.5
Developed countries												
Production	Mt	17.0	17.2	17.2	17.3	17.3	17.3	17.4	17.4	17.4	17.5	17.5
Consumption	Mt	21.5	21.7	21.7	21.7	21.8	21.8	21.9	21.9	21.9	22.0	22.0
Net trade	Mt	-4.3	-4.3	-4.4	-4.3	-4.3	-4.4	-4.4	-4.4	-4.5	-4.5	-4.5
Closing stocks	Mt	4.8	4.7	4.5	4.4	4.2	4.1	4.0	4.0	4.0	4.0	4.0
Developing countries												
Production	Mt	509.4	523.8	528.2	531.5	537.0	542.7	548.6	554.1	559.6	564.2	569.1
Consumption	Mt	504.0	517.5	525.2	530.1	536.6	541.3	545.9	551.1	556.3	561.0	565.5
Net trade	Mt	4.1	2.8	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.1
Closing stocks	Mt	191.7	196.6	196.6	195.2	192.8	191.3	191.0	191.1	191.3	191.6	192.0
OECD²												
Production	Mt	21.9	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.2
Consumption	Mt	26.5	27.0	27.0	27.1	27.1	27.1	27.1	27.2	27.2	27.2	27.3
Net trade	Mt	-4.7	-4.8	-4.9	-4.9	-4.9	-4.9	-5.0	-5.0	-5.1	-5.1	-5.1
Closing stocks	Mt	6.3	6.5	6.4	6.3	6.2	6.1	6.0	6.0	6.0	6.0	6.0

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated. Prices are in nominal terms.

1. No.2 hard red winter wheat, ordinary protein, United States FOB Gulf Ports (June/May).

2. Excludes Iceland and Costa Rica but includes all current European Union member countries.

3. No.2 yellow corn, United States FOB Gulf Ports (September/August).

4. Feed barley, Europe, FOB Rouen (July/June).

5. FAO all rice price index normalised to India, indica high quality 5% broken average 2014-2016 (January/December).

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Marketing year

		Average										
		2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
SOYBEAN												
World												
Production	Mt	379.9	399.7	403.1	405.8	409.3	413.1	416.8	420.0	423.4	426.5	429.9
Area	Mha	135.6	138.6	138.8	138.9	139.1	139.4	139.7	139.9	140.0	140.2	140.4
Yield	t/ha	2.80	2.88	2.90	2.92	2.94	2.96	2.98	3.00	3.02	3.04	3.06
Consumption	Mt	375.7	397.3	402.2	405.4	408.7	412.3	415.8	419.3	422.8	426.2	429.5
Crush	Mt	335.8	355.6	360.2	363.1	366.1	369.4	372.6	375.8	379.1	382.2	385.3
Closing stocks	Mt	43.2	49.3	50.1	50.5	51.2	51.9	52.9	53.6	54.2	54.5	55.0
Price ¹	USD/t	591.5	498.4	475.0	484.4	493.3	504.2	510.9	518.9	524.6	533.7	540.3
Developed countries												
Production	Mt	140.0	139.2	140.2	140.9	142.0	143.1	144.4	145.4	146.5	147.4	148.5
Consumption	Mt	100.9	103.7	104.4	104.7	105.1	105.5	106.1	106.5	107.0	107.3	107.8
Crush	Mt	92.0	94.4	95.0	95.3	95.7	96.1	96.6	97.0	97.5	97.8	98.2
Closing stocks	Mt	11.9	13.1	13.2	13.2	13.3	13.5	13.7	13.9	14.1	14.2	14.3
Developing countries												
Production	Mt	239.8	260.5	262.9	264.9	267.3	269.9	272.4	274.7	276.9	279.1	281.4
Consumption	Mt	274.8	293.5	297.8	300.7	303.5	306.8	309.7	312.7	315.8	318.8	321.7
Crush	Mt	243.8	261.2	265.2	267.8	270.3	273.3	276.0	278.8	281.6	284.4	287.1
Closing stocks	Mt	31.3	36.2	36.9	37.3	37.9	38.5	39.2	39.8	40.1	40.4	40.7
OECD ²												
Production	Mt	126.9	124.6	125.4	126.0	126.9	127.8	128.9	129.7	130.6	131.4	132.3
Consumption	Mt	101.3	103.5	104.1	104.4	104.8	105.2	105.7	106.2	106.6	106.9	107.4
Crush	Mt	93.3	95.1	95.7	95.9	96.3	96.7	97.2	97.7	98.1	98.4	98.8
Closing stocks	Mt	10.9	11.4	11.6	11.7	11.9	12.0	12.2	12.4	12.6	12.7	12.8
OTHER OILSEEDS												
World												
Production	Mt	180.9	186.5	187.3	189.0	190.7	192.2	193.8	195.2	196.7	198.1	199.7
Area	Mha	96.8	98.1	98.4	98.4	98.6	98.8	98.9	99.0	99.2	99.3	99.4
Yield	t/ha	1.87	1.90	1.90	1.92	1.93	1.95	1.96	1.97	1.98	2.00	2.01
Consumption	Mt	179.4	186.2	187.1	188.8	190.5	192.2	193.7	195.1	196.6	198.1	199.7
Crush	Mt	151.4	157.7	158.3	159.9	161.5	162.9	164.3	165.5	166.9	168.2	169.6
Closing stocks	Mt	41.6	43.6	45.2	46.4	46.8	47.5	48.4	49.1	49.9	50.2	50.7
Price ¹	USD/t	622.9	492.8	485.4	496.2	504.0	515.8	525.0	534.6	543.6	553.7	563.0
Developed countries												
Production	Mt	102.0	106.4	106.5	107.4	108.3	109.0	109.7	110.3	110.9	111.6	112.3
Consumption	Mt	93.2	97.2	97.3	98.1	98.8	99.4	99.9	100.3	100.9	101.3	101.9
Crush	Mt	86.0	89.8	89.9	90.7	91.3	91.9	92.4	92.8	93.3	93.8	94.3
Closing stocks	Mt	7.3	6.6	6.8	7.0	7.2	7.2	7.3	7.4	7.4	7.4	7.4
Developing countries												
Production	Mt	78.9	80.1	80.8	81.6	82.4	83.2	84.1	84.9	85.7	86.5	87.4
Consumption	Mt	86.2	89.0	89.8	90.7	91.7	92.8	93.8	94.8	95.8	96.8	97.8
Crush	Mt	65.4	67.9	68.5	69.2	70.2	71.0	71.9	72.7	73.6	74.5	75.3
Closing stocks	Mt	2.8	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7
OECD ²												
Production	Mt	61.0	63.7	63.4	63.7	64.0	64.3	64.6	64.8	65.0	65.3	65.6
Consumption	Mt	61.4	63.3	63.1	63.5	63.8	64.1	64.2	64.4	64.6	64.7	65.0
Crush	Mt	56.0	57.8	57.5	58.0	58.2	58.5	58.6	58.8	59.0	59.1	59.3
Closing stocks	Mt	4.4	4.6	4.8	5.0	5.1	5.2	5.3	5.3	5.3	5.3	5.3
PROTEIN MEALS												
World												
Production	Mt	369.6	389.0	393.2	396.6	399.9	403.5	406.8	410.2	413.6	417.0	420.3
Consumption	Mt	370.0	388.3	392.9	396.5	400.0	403.4	406.7	410.0	413.4	416.8	420.1
Closing stocks	Mt	15.2	16.3	16.6	16.7	16.6	16.7	16.9	17.1	17.2	17.4	17.6
Price ⁴	USD/t	488.9	429.4	408.6	410.9	418.3	425.6	433.1	438.3	443.6	449.5	453.5
Developed countries												
Production	Mt	118.0	122.1	122.6	123.3	124.0	124.6	125.3	125.9	126.5	127.0	127.6
Consumption	Mt	126.4	130.9	131.4	131.5	131.4	131.3	131.2	131.1	131.0	130.9	130.8
Closing stocks	Mt	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1
Developing countries												
Production	Mt	251.7	266.9	270.6	273.2	275.9	278.8	281.5	284.3	287.1	289.9	292.6
Consumption	Mt	243.6	257.4	261.5	265.0	268.5	272.0	275.5	278.9	282.4	285.9	289.3
Closing stocks	Mt	12.0	13.3	13.6	13.7	13.6	13.7	13.9	14.0	14.2	14.4	14.5
OECD ²												
Production	Mt	107.9	110.7	111.0	111.6	112.2	112.7	113.2	113.7	114.1	114.5	114.9
Consumption	Mt	132.9	136.8	137.2	137.4	137.4	137.4	137.2	137.2	137.1	137.0	136.9
Closing stocks	Mt	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

Table C.2. World oilseed projections (cont.)*Marketing year*

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
VEGETABLE OIL												
World												
Production	Mt	224.7	233.6	235.8	237.9	240.0	241.9	243.6	245.3	247.1	248.8	250.6
of which palm oil	Mt	80.6	83.1	84.0	84.7	85.5	86.1	86.6	87.1	87.6	88.1	88.7
Consumption	Mt	224.9	233.8	236.2	238.1	240.0	241.8	243.5	245.2	247.0	248.8	250.5
Food	Mt	126.3	130.2	130.9	131.7	132.7	133.5	134.2	135.0	136.0	136.8	137.8
Biofuel	Mt	36.2	40.7	41.7	42.4	42.9	43.5	44.0	44.6	44.9	45.4	45.8
Exports	Mt	83.7	86.4	86.7	86.9	87.2	87.4	87.6	87.8	88.1	88.4	88.6
Closing stocks	Mt	21.0	21.2	20.9	20.8	20.8	20.8	20.9	21.0	21.1	21.1	21.2
Price ⁵	USD/t	1 230.5	1 012.4	1 000.6	1 022.6	1 038.9	1 058.9	1 074.6	1 091.6	1 110.2	1 128.3	1 151.5
Developed countries												
Production	Mt	55.4	57.4	57.6	58.0	58.4	58.7	59.0	59.3	59.6	59.8	60.1
Consumption	Mt	59.1	60.9	60.8	60.7	60.6	60.6	60.4	60.4	60.3	60.3	60.3
Closing stocks	Mt	5.8	6.0	5.9	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.4
Developing countries												
Production	Mt	169.4	176.2	178.3	179.9	181.6	183.2	184.6	186.1	187.5	189.0	190.5
Consumption	Mt	165.8	172.8	175.3	177.3	179.3	181.3	183.1	184.9	186.7	188.5	190.2
Closing stocks	Mt	15.2	15.2	15.1	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8
OECD²												
Production	Mt	45.7	47.0	47.0	47.3	47.5	47.8	48.0	48.1	48.3	48.5	48.7
Consumption	Mt	61.9	63.6	63.4	63.4	63.3	63.2	63.2	63.1	63.1	63.1	63.2
Closing stocks	Mt	5.6	5.9	5.8	5.6	5.6	5.5	5.4	5.4	5.4	5.3	5.3

Note : Average 2021-23est: Data for 2023 are estimated. Prices are in nominal terms.

1. Soybean, U.S., CIF Rotterdam (October/September).
2. Excludes Iceland and Costa Rica but includes all current European Union member countries.
3. Rapeseed, Europe, CIF Hamburg (October/September).
4. Weighted average protein meal, European port (October/September).
5. Weighted average price of oilseed oils and palm oil, European port (October/September).

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.3. World sugar projections*Marketing year*

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
WORLD												
SUGARBEET												
Production	Mt	262.8	268.9	268.5	268.7	268.3	268.0	268.3	268.8	269.7	270.6	271.6
Area	Mha	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Yield	t/ha	61.49	62.54	62.49	62.47	62.44	62.47	62.59	62.75	62.95	63.16	63.38
Biofuel use	Mt	9.2	9.4	9.3	9.3	9.2	9.2	9.1	9.1	9.0	8.9	8.8
SUGARCANE												
Production	Mt	1 768	1 857	1 884	1 908	1 923	1 939	1 956	1 973	1 991	2 001	2 016
Area	Mha	25.0	25.6	25.8	26.0	26.2	26.3	26.4	26.5	26.6	26.7	26.8
Yield	t/ha	70.77	72.46	72.93	73.24	73.53	73.85	74.18	74.52	74.86	75.02	75.19
Biofuel use	Mt	367.8	412.1	427.8	441.5	451.9	461.2	470.6	479.3	487.6	494.8	504.9
SUGAR												
Production	Mt tq	177.7	183.4	185.8	187.9	189.4	191.3	193.4	195.7	198.1	200.0	202.1
Consumption	Mt tq	174.3	177.9	180.4	183.0	185.5	188.0	190.2	192.3	194.4	196.3	198.3
Closing stocks	Mt tq	89.4	92.4	94.2	95.5	95.9	95.6	95.3	95.1	95.3	95.4	95.7
Price, raw sugar ¹	USD/t	476.7	470.3	432.7	395.7	370.9	367.0	372.3	377.7	382.3	389.2	395.0
Price, white sugar ²	USD/t	602.5	595.2	561.2	526.4	504.1	500.8	506.3	514.7	523.1	533.4	541.8
DEVELOPED COUNTRIES												
SUGARBEET												
Production	Mt	212.1	213.0	212.5	212.6	212.3	211.8	211.4	211.2	211.2	211.1	211.3
SUGARCANE												
Production	Mt	79.6	80.8	81.9	81.5	81.1	81.3	81.4	81.7	82.0	82.3	82.7
SUGAR												
Production	Mt tq	40.3	41.2	41.4	41.3	41.3	41.3	41.4	41.5	41.7	41.8	42.1
Consumption	Mt tq	46.0	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.7	45.7
Closing stocks	Mt tq	14.2	14.3	14.8	15.1	15.1	15.0	14.8	14.7	14.6	14.6	14.6
HFCS												
Production	Mt dw	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.7	8.7	8.7
Consumption	Mt dw	7.7	7.8	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.5	7.5
DEVELOPING COUNTRIES												
SUGARBEET												
Production	Mt	50.7	55.9	56.0	56.1	55.9	56.2	56.9	57.6	58.5	59.5	60.3
SUGARCANE												
Production	Mt	1 688.9	1 776.3	1 802.5	1 826.1	1 842.1	1 857.3	1 874.5	1 891.8	1 908.6	1 918.9	1 933.7
SUGAR												
Production	Mt tq	137.5	142.2	144.5	146.6	148.2	150.0	152.0	154.2	156.4	158.1	160.0
Consumption	Mt tq	128.3	132.1	134.7	137.2	139.7	142.2	144.4	146.5	148.6	150.6	152.6
Closing stocks	Mt tq	75.2	78.1	79.4	80.4	80.7	80.6	80.5	80.4	80.7	80.8	81.1
HFCS												
Production	Mt dw	5.4	5.5	5.5	5.5	5.6	5.6	5.7	5.7	5.8	5.9	5.9
Consumption	Mt dw	6.3	6.5	6.6	6.6	6.7	6.8	6.9	6.9	7.0	7.1	7.1
OECD³												
SUGARBEET												
Production	Mt	172.1	173.5	172.6	172.5	171.9	171.4	171.0	170.7	170.6	170.6	170.9
SUGARCANE												
Production	Mt	135.2	136.7	139.3	140.2	141.3	142.1	142.7	143.1	143.6	144.1	144.2
SUGAR												
Production	Mt tq	39.7	40.5	40.8	40.8	40.9	41.1	41.2	41.4	41.6	41.8	42.0
Consumption	Mt tq	45.5	45.3	45.3	45.4	45.5	45.5	45.6	45.6	45.6	45.6	45.7
Closing stocks	Mt tq	14.1	13.9	14.5	14.9	14.9	14.9	14.8	14.7	14.7	14.6	14.6
HFCS												
Production	Mt dw	9.6	9.7	9.7	9.7	9.7	9.6	9.6	9.6	9.6	9.5	9.5
Consumption	Mt dw	9.3	9.4	9.4	9.4	9.3	9.3	9.3	9.3	9.2	9.2	9.2

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated. HFCS: High fructose corn syrup. Prices are in nominal terms.

1. Raw sugar world price, ICE contract No11 nearby (October/September).

2. Refined sugar price, White Sugar Futures Contract No. 407, Euronext market, Liffe, London, Europe (October/September).

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.4. World meat projections

Calendar year

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
WORLD												
BEEF AND VEAL												
Production	Mt cwe	73.6	73.9	74.3	75.2	76.2	77.2	78.1	79.0	79.8	80.5	81.2
Consumption	Mt cwe	73.3	73.9	74.3	75.2	76.2	77.2	78.1	79.0	79.8	80.5	81.2
PIGMEAT												
Production	Mt cwe	121.8	124.8	125.9	126.6	127.3	127.9	128.6	129.2	129.8	130.4	131.1
Consumption	Mt cwe	121.7	124.9	125.9	126.6	127.3	127.9	128.6	129.2	129.8	130.4	131.0
POULTRY MEAT												
Production	Mt rtc	138.7	141.3	143.4	145.5	147.5	149.6	151.6	153.7	155.8	157.9	159.9
Consumption	Mt rtc	138.0	141.3	143.4	145.5	147.5	149.6	151.6	153.7	155.8	157.9	159.9
SHEEP MEAT												
Production	Mt cwe	16.6	17.1	17.3	17.6	17.9	18.1	18.3	18.6	18.8	19.0	19.3
Consumption	Mt cwe	16.6	17.1	17.3	17.6	17.9	18.1	18.3	18.6	18.8	19.0	19.3
TOTAL MEAT												
Per capita consumption ¹	kg rwt	28.1	28.2	28.3	28.3	28.4	28.4	28.5	28.5	28.5	28.6	28.6
DEVELOPED COUNTRIES												
BEEF AND VEAL												
Production	Mt cwe	31.0	30.0	30.2	30.5	30.8	31.1	31.4	31.6	31.8	31.9	32.0
Consumption	Mt cwe	29.8	28.9	29.0	29.2	29.5	29.7	30.0	30.1	30.2	30.3	30.3
PIGMEAT												
Production	Mt cwe	46.2	45.7	45.9	45.9	46.0	46.0	46.0	46.0	46.1	46.1	46.1
Consumption	Mt cwe	40.9	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4
POULTRY MEAT												
Production	Mt rtc	53.3	54.4	54.8	55.3	55.7	56.2	56.6	57.0	57.4	57.9	58.3
Consumption	Mt rtc	50.3	51.7	52.0	52.4	52.8	53.1	53.5	53.8	54.1	54.5	54.8
SHEEP MEAT												
Production	Mt cwe	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.8	3.8	3.8
Consumption	Mt cwe	2.8	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0
TOTAL MEAT												
Per capita consumption ¹	kg rwt	55.7	55.8	56.0	56.1	56.3	56.5	56.7	56.8	56.9	57.0	57.1
DEVELOPING COUNTRIES												
BEEF AND VEAL												
Production	Mt cwe	42.6	43.9	44.1	44.7	45.4	46.1	46.7	47.3	48.0	48.6	49.3
Consumption	Mt cwe	43.5	45.0	45.3	46.0	46.7	47.5	48.2	48.9	49.6	50.3	51.0
PIGMEAT												
Production	Mt cwe	75.7	79.2	80.0	80.6	81.3	81.9	82.6	83.1	83.8	84.4	85.0
Consumption	Mt cwe	80.9	83.6	84.5	85.2	86.0	86.6	87.2	87.8	88.4	89.0	89.6
POULTRY MEAT												
Production	Mt rtc	85.4	86.9	88.5	90.2	91.8	93.4	95.0	96.7	98.4	100.0	101.6
Consumption	Mt rtc	87.7	89.6	91.4	93.1	94.7	96.5	98.1	99.9	101.6	103.4	105.1
SHEEP MEAT												
Production	Mt cwe	13.1	13.5	13.8	14.0	14.2	14.4	14.6	14.8	15.0	15.2	15.4
Consumption	Mt cwe	13.8	14.3	14.5	14.7	15.0	15.2	15.4	15.6	15.8	16.0	16.3
TOTAL MEAT												
Per capita consumption ¹	kg rwt	22.0	22.2	22.3	22.4	22.4	22.5	22.6	22.6	22.7	22.8	22.9
OECD²												
BEEF AND VEAL												
Production	Mt cwe	30.6	29.7	30.0	30.2	30.6	30.9	31.2	31.4	31.6	31.6	31.7
Consumption	Mt cwe	29.6	28.9	29.0	29.2	29.5	29.7	29.9	30.1	30.2	30.2	30.2
PIGMEAT												
Production	Mt cwe	43.8	43.1	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.5	43.5
Consumption	Mt cwe	40.0	40.4	40.4	40.3	40.4	40.4	40.4	40.4	40.4	40.5	40.5
POULTRY MEAT												
Production	Mt rtc	53.8	54.9	55.4	56.0	56.4	56.9	57.4	57.9	58.3	58.8	59.3
Consumption	Mt rtc	51.1	52.6	52.9	53.4	53.7	54.2	54.5	54.9	55.3	55.7	56.1
SHEEP MEAT												
Production	Mt cwe	3.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3
Consumption	Mt cwe	2.3	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
TOTAL MEAT												
Per capita consumption ¹	kg rwt	56.4	56.6	56.7	56.8	57.1	57.2	57.4	57.5	57.6	57.7	57.7

Note : Calendar Year; except year ending 30 June for New Zealand in aggregates. Average 2021-23est: Data for 2023 are estimated. Prices are in nominal terms.

1. Per capita consumption is expressed in edible retail weight equivalent basis. Carcass weight equivalent to edible retail weight equivalent conversion factors are 0.67 for beef and veal, 0.73 for pig meat, 0.6 for poultry meat and 0.66 for sheep meat.

2. Excludes Iceland and Costa Rica but includes all current European Union member countries.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.5. World dairy projections: Milk, butter and cheese

Calendar year

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
MILK												
World												
Production (Total milk)	Mt pw	915.3	942.9	955.2	975.3	992.6	1 006.7	1 021.3	1 038.3	1 054.8	1 070.4	1 086.1
Production (Cow milk)	Mt pw	884.2	911.1	922.8	942.4	959.3	973.0	987.0	1 003.4	1 019.4	1 034.5	1 049.7
Inventory (Cow milk)	Mn hd	340.6	343.6	349.7	358.2	362.3	365.3	370.3	375.7	380.2	384.4	388.8
Yield (Cow Milk)	t/head	2.60	2.65	2.64	2.63	2.65	2.66	2.67	2.67	2.68	2.69	2.70
Developed countries												
Production (Total milk)	Mt pw	411.4	415.0	416.1	419.2	421.3	423.5	425.2	427.5	429.6	431.5	433.5
Production (Cow milk)	Mt pw	407.7	411.3	412.3	415.4	417.5	419.7	421.3	423.6	425.6	427.5	429.5
Inventory (Cow milk)	Mn hd	63.3	62.2	62.1	62.2	62.1	61.8	61.6	61.5	61.3	61.2	61.0
Yield (Cow Milk)	t/head	6.45	6.61	6.64	6.68	6.73	6.79	6.84	6.89	6.94	6.99	7.04
Developing countries												
Production (Total milk)	Mt pw	503.9	527.9	539.0	556.1	571.3	583.2	596.1	610.8	625.2	638.9	652.6
Production (Cow milk)	Mt pw	476.5	499.8	510.4	527.1	541.8	553.3	565.6	579.8	593.8	606.9	620.2
Inventory (Cow milk)	Mn hd	277.3	281.4	287.6	295.9	300.2	303.5	308.6	314.2	318.9	323.3	327.8
Yield (Cow Milk)	t/head	1.72	1.78	1.77	1.78	1.80	1.82	1.83	1.85	1.86	1.88	1.89
OECD¹												
Production (Total milk)	Mt pw	375.3	379.3	380.5	382.8	384.3	386.4	388.1	390.4	392.6	394.5	396.6
Production (Cow milk)	Mt pw	370.7	374.8	375.7	378.0	379.5	381.6	383.2	385.5	387.6	389.5	391.4
Inventory (Cow milk)	Mn hd	53.7	53.2	53.0	52.9	52.6	52.4	52.3	52.2	52.1	52.0	51.9
Yield (Cow Milk)	t/head	6.90	7.04	7.09	7.15	7.21	7.28	7.33	7.39	7.44	7.50	7.55
FRESH DAIRY PRODUCTS												
World												
Consumption	Mt pw	481.5	499.6	509.0	520.2	529.8	538.9	548.2	558.3	568.1	577.6	587.4
Developed countries												
Consumption	Mt pw	141.0	141.2	141.3	142.2	142.1	142.1	142.0	142.1	142.0	141.9	141.8
Developing countries												
Consumption	Mt pw	340.5	358.4	367.7	378.0	387.7	396.8	406.2	416.2	426.1	435.7	445.5
OECD¹												
Consumption	Mt pw	106.0	106.3	106.4	107.2	107.1	107.0	107.0	107.1	106.9	106.7	106.5
BUTTER												
World												
Production	Mt pw	13.1	13.5	13.6	14.0	14.4	14.5	14.7	15.0	15.3	15.5	15.7
Consumption	Mt pw	13.0	13.5	13.6	14.0	14.4	14.5	14.7	15.0	15.3	15.5	15.7
Price ²	USD/t	5 258	4 792	4 894	4 791	4 757	4 838	4 951	5 014	5 071	5 140	5 194
Developed countries												
Production	Mt pw	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.2
Consumption	Mt pw	4.4	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6
Developing countries												
Production	Mt pw	8.1	8.5	8.6	9.0	9.3	9.4	9.6	9.9	10.1	10.3	10.6
Consumption	Mt pw	8.6	9.0	9.1	9.5	9.8	10.0	10.1	10.4	10.7	10.9	11.1
OECD¹												
Production	Mt pw	4.9	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.2	5.2
Consumption	Mt pw	4.4	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6
CHEESE												
World												
Production	Mt pw	25.6	26.1	26.4	26.7	27.1	27.4	27.6	27.9	28.2	28.5	28.8
Consumption	Mt pw	25.7	26.1	26.4	26.7	27.0	27.4	27.6	27.9	28.2	28.5	28.8
Price ³	USD/t	4 760	4 399	4 471	4 435	4 454	4 541	4 638	4 711	4 778	4 853	4 922
Developed countries												
Production	Mt pw	21.1	21.5	21.7	21.9	22.2	22.4	22.6	22.8	23.1	23.3	23.5
Consumption	Mt pw	19.9	20.3	20.4	20.6	20.8	21.0	21.2	21.4	21.5	21.7	21.9
Developing countries												
Production	Mt pw	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.2	5.2	5.3
Consumption	Mt pw	5.7	5.9	6.0	6.1	6.2	6.3	6.5	6.6	6.7	6.8	6.9
OECD¹												
Production	Mt pw	20.4	20.8	21.0	21.2	21.4	21.6	21.8	22.0	22.2	22.4	22.6
Consumption	Mt pw	19.4	19.7	19.9	20.1	20.3	20.4	20.6	20.8	20.9	21.1	21.3

Note : Calendar Year; except year ending 30 June for New Zealand in aggregates. Average 2021-23est: Data for 2023 are estimated. Prices are in nominal terms.

1. Excludes Iceland and Costa Rica but includes all current European Union member countries.

2. FOB export price, butter, 82% butterfat, Oceania.

3. FOB export price, cheddar cheese, 39% moisture, Oceania.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.6. World dairy projections: Powders and casein

Calendar year

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
SKIMMED MILK POWDER												
World												
Production	Mt pw	4.6	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.2	5.3	5.4
Consumption	Mt pw	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.2	5.3	5.4
Price ¹	USD/t	3 300.2	2 609.9	2 621.8	2 633.8	2 671.1	2 722.1	2 770.2	2 815.5	2 865.0	2 912.8	2 963.6
Developed countries												
Production	Mt pw	3.8	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.1	4.2	4.3
Consumption	Mt pw	1.6	1.5	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Developing countries												
Production	Mt pw	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1
Consumption	Mt pw	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8
OECD²												
Production	Mt pw	3.6	3.6	3.6	3.7	3.8	3.8	3.9	3.9	4.0	4.1	4.1
Consumption	Mt pw	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9
WHOLE MILK POWDER												
World												
Production	Mt pw	5.0	5.0	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.7	5.8
Consumption	Mt pw	5.1	5.0	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.7	5.8
Price ³	USD/t	3 601.6	3 096.2	3 091.7	3 063.7	3 085.8	3 148.0	3 215.8	3 267.5	3 319.9	3 373.8	3 427.0
Developed countries												
Production	Mt pw	2.5	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4
Consumption	Mt pw	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Developing countries												
Production	Mt pw	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.2	3.3	3.3	3.4
Consumption	Mt pw	4.5	4.4	4.5	4.6	4.7	4.8	4.8	4.9	5.0	5.1	5.2
OECD²												
Production	Mt pw	2.7	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Consumption	Mt pw	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
WHEY POWDER												
Price ⁴	USD/t	1 134.9	832.9	820.7	808.5	817.7	832.1	848.7	864.0	879.0	893.1	908.4
CASEIN												
Price ⁵	USD/t	10 620.7	10 878.6	10 693.8	10 654.5	10 755.5	10 927.1	11 108.9	11 288.1	11 463.9	11 629.3	11 802.9

Note : Calendar Year; except year ending 30 June for New Zealand in aggregates. Average 2021-23est: Data for 2023 are estimated. Prices are in nominal terms.

1. FOB export price, non-fat dry milk, 1.25% butterfat, Oceania.

2. Excludes Iceland and Costa Rica but includes all current European Union member countries.

3. FOB export price, WMP 26% butterfat, Oceania.

4. FOB export price, sweet whey non-hygroscopic, Western Europe.

5. Export price, New Zealand.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.7. World fish and seafood projections

Calendar year

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
FISH¹												
World												
Production	Mt	184.6	185.2	189.5	192.0	194.3	194.1	198.8	201.0	202.7	201.6	206.2
of which aquaculture	Mt	94.0	96.0	98.0	99.6	101.7	104.0	105.8	107.7	109.2	110.8	112.4
Consumption	Mt	186.1	186.8	191.0	193.3	195.6	195.3	199.9	202.0	203.6	202.4	206.9
of which for food	Mt	165.4	167.6	170.1	172.5	174.7	176.3	179.0	181.1	182.7	183.4	186.3
of which for reduction	Mt	16.8	15.6	17.4	17.5	17.5	15.6	17.6	17.6	17.7	15.9	17.5
Price												
Aquaculture ²	USD/t	3 129.9	3 065.2	3 063.6	3 036.1	3 101.4	3 210.0	3 253.8	3 342.3	3 430.8	3 524.8	3 585.2
Capture ³	USD/t	2 011.9	1 973.9	1 947.8	1 944.8	1 972.8	2 028.7	2 039.8	2 076.0	2 114.2	2 172.2	2 210.5
Product traded ⁴	USD/t	3 403.1	3 321.4	3 285.2	3 234.3	3 302.2	3 416.5	3 452.3	3 530.9	3 609.6	3 700.6	3 745.0
Developed countries												
Production	Mt	28.4	28.4	28.1	28.4	28.5	28.8	28.9	29.0	29.2	29.3	29.5
of which aquaculture	Mt	5.2	5.1	5.1	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8
Consumption	Mt	37.0	36.1	36.9	37.2	37.2	37.0	37.3	37.5	37.6	37.4	37.9
of which for food	Mt	31.2	30.5	31.3	31.6	31.6	31.3	31.6	31.8	31.9	31.6	32.1
of which for reduction	Mt	4.8	4.9	4.8	4.8	4.8	4.9	4.9	5.0	5.0	5.1	5.1
Developing countries												
Production	Mt	156.2	156.8	161.4	163.5	165.8	165.3	169.8	172.0	173.5	172.3	176.7
of which aquaculture	Mt	88.8	90.9	92.9	94.4	96.5	98.7	100.4	102.2	103.6	105.1	106.7
Consumption	Mt	149.1	150.6	154.2	156.2	158.4	158.3	162.6	164.5	165.9	165.0	169.0
of which for food	Mt	134.2	137.1	138.8	140.8	143.0	145.0	147.4	149.3	150.8	151.8	154.2
of which for reduction	Mt	12.0	10.7	12.6	12.6	12.7	10.7	12.7	12.7	12.7	10.8	12.4
OECD⁵												
Production	Mt	28.3	27.8	28.1	28.5	28.6	28.1	28.7	29.0	29.2	28.5	29.4
of which aquaculture	Mt	7.6	7.6	7.5	7.6	7.6	7.8	7.8	8.0	8.1	8.3	8.3
Consumption	Mt	38.4	37.5	38.6	38.9	38.9	38.2	39.0	39.3	39.4	38.8	39.8
of which for food	Mt	32.5	32.0	32.7	33.0	33.0	32.7	33.1	33.3	33.5	33.2	33.7
of which for reduction	Mt	5.2	4.8	5.2	5.2	5.2	4.8	5.3	5.3	5.3	4.9	5.4
FISHMEAL⁶												
Monde												
Production	Mt	5.2	5.1	5.6	5.7	5.7	5.3	5.9	5.9	5.9	5.5	6.0
from whole fish	Mt	3.7	3.6	4.1	4.1	4.1	3.7	4.2	4.2	4.2	3.7	4.2
Consumption	Mt	5.3	5.2	5.5	5.7	5.8	5.5	5.7	5.9	5.9	5.7	5.8
Variation in stocks	Mt	-0.13	-0.06	0.14	0.02	-0.01	-0.16	0.16	0.01	0.00	-0.16	0.15
Price ⁷	USD/t	1 630.8	1 741.1	1 497.2	1 481.4	1 572.1	1 673.3	1 598.4	1 629.6	1 655.6	1 784.3	1 799.4
Developed countries												
Production	Mt	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9
from whole fish	Mt	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
Consumption	Mt	1.8	1.6	1.7	1.7	1.6	1.5	1.6	1.6	1.6	1.5	1.6
Variation in stocks	Mt	-0.1	-0.1	0.1	0.0	0.0	-0.2	0.2	0.0	0.0	-0.2	0.2
Developing countries												
Production	Mt	3.6	3.4	3.9	4.0	4.0	3.6	4.1	4.1	4.1	3.7	4.1
from whole fish	Mt	2.7	2.5	3.0	3.0	3.0	2.5	3.0	3.1	3.1	2.6	3.0
Consumption	Mt	3.8	3.6	3.8	4.0	4.1	3.9	4.1	4.3	4.3	4.1	4.2
Variation in stocks	Mt	-0.09	-0.05	0.10	0.02	0.00	-0.12	0.12	0.00	0.00	-0.12	0.12
OECD⁵												
Production	Mt	1.6	1.5	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.8
from whole fish	Mt	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.2
Consumption	Mt	1.9	1.8	1.9	1.9	1.9	1.8	1.9	1.9	1.9	1.8	1.9
Variation in stocks	Mt	-0.03	-0.03	0.04	0.01	-0.01	-0.04	0.05	0.00	0.00	-0.04	0.04

Table C.7. World fish and seafood projections (cont.)

Calendar year

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
FISH OIL⁶												
World												
Production	Mt	1.3	1.4	1.4	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5
from whole fish	Mt	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.7
Consumption	Mt	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Variation in stocks	Mt	0.03	-0.08	0.03	0.00	0.00	-0.06	0.05	0.00	0.00	-0.05	0.05
Price ⁸	USD/t	3 284.7	3 788.8	3 051.4	2 973.7	3 025.9	3 153.4	3 164.4	3 222.2	3 324.9	3 430.2	3 436.4
Developed countries												
Production	Mt	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
from whole fish	Mt	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Consumption	Mt	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
Variation in stocks	Mt	0.01	-0.04	0.02	0.00	0.00	-0.02	0.02	0.00	0.00	-0.02	0.02
Developing countries												
Production	Mt	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9	1.0
from whole fish	Mt	0.4	0.4	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.4	0.5
Consumption	Mt	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Variation in stocks	Mt	0.02	-0.04	0.01	0.00	0.00	-0.03	0.03	0.01	0.00	-0.03	0.03
OECD⁵												
Production	Mt	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
from whole fish	Mt	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Consumption	Mt	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0
Variation in stocks	Mt	0.04	-0.05	0.00	0.00	0.00	-0.03	0.02	0.00	0.00	-0.03	0.02

Note : The term "fish" indicates fish, crustaceans, molluscs and other aquatic animals, but excludes aquatic mammals, crocodiles, caimans, alligators and aquatic plants. Average 2021-23est:

Data for 2023 are estimated. Prices are in nominal terms.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.8. World biofuel projections*Calendar year*

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
ETHANOL												
World												
Production	bln L	127.2	135.0	138.3	140.9	143.0	144.9	147.0	149.0	151.0	152.9	154.7
Consumption	bln L	127.8	135.0	138.2	140.8	142.9	144.8	146.8	148.8	150.8	152.6	154.3
Exports	bln L	10.1	10.8	10.9	11.1	11.3	11.5	11.7	11.9	12.1	12.4	12.4
Price ¹	USD/hl	66.7	50.1	50.5	51.2	51.7	52.3	52.7	53.2	53.8	54.3	54.9
Developed countries												
Production	bln L	70.3	71.9	72.3	72.5	72.8	73.1	73.4	73.7	74.0	74.4	74.6
Consumption	bln L	71.2	72.3	72.7	73.1	73.5	73.8	74.2	74.5	74.8	75.1	75.0
Net trade	bln L	- 0.7	- 0.4	- 0.4	- 0.6	- 0.7	- 0.9	- 0.9	- 1.0	- 1.0	- 1.0	- 0.9
Developing countries												
Production	bln L	56.9	63.2	66.0	68.3	70.1	71.8	73.6	75.3	77.0	78.5	80.1
Consumption	bln L	56.6	62.7	65.5	67.7	69.4	71.0	72.6	74.3	76.0	77.5	79.2
Net trade	bln L	- 0.1	0.4	0.4	0.6	0.7	0.9	0.9	1.0	1.0	1.0	0.9
OECD²												
Production	bln L	69.8	71.5	72.0	72.3	72.6	72.9	73.2	73.5	73.8	74.2	74.4
Consumption	bln L	72.1	73.2	73.7	74.1	74.5	74.9	75.2	75.5	75.8	76.1	76.1
Net trade	bln L	- 2.0	- 1.7	- 1.7	- 1.9	- 2.0	- 2.1	- 2.2	- 2.2	- 2.2	- 2.2	- 2.1
BIODIESEL												
World												
Production	bln L	60.0	68.8	70.3	71.5	72.4	73.6	74.7	76.0	76.8	77.8	78.7
Consumption	bln L	59.3	68.7	70.2	71.4	72.2	73.4	74.5	75.8	76.6	77.6	78.5
Exports	bln L	8.1	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
Price ³	USD/hl	157.2	130.1	130.7	133.0	135.1	137.5	140.2	143.0	146.1	149.2	152.7
Developed countries												
Production	bln L	31.4	35.7	36.1	36.5	36.8	37.3	37.8	38.6	38.9	39.3	39.7
Consumption	bln L	35.2	40.1	40.4	40.8	41.0	41.5	42.0	42.7	43.0	43.3	43.7
Net trade	bln L	- 4.5	- 4.3	- 4.2	- 4.2	- 4.1	- 4.1	- 4.1	- 4.0	- 4.0	- 4.0	- 3.9
Developing countries												
Production	bln L	28.6	33.1	34.2	35.0	35.6	36.3	36.8	37.4	37.9	38.5	39.0
Consumption	bln L	24.1	28.6	29.7	30.6	31.2	31.9	32.5	33.1	33.6	34.3	34.8
Net trade	bln L	4.5	4.5	4.5	4.4	4.4	4.4	4.3	4.3	4.2	4.2	4.2
OECD²												
Production	bln L	32.9	37.2	37.7	38.1	38.3	38.9	39.5	40.2	40.6	41.0	41.4
Consumption	bln L	36.7	41.6	41.9	42.3	42.5	43.0	43.6	44.3	44.6	45.0	45.4
Net trade	bln L	- 4.5	- 4.3	- 4.2	- 4.2	- 4.1	- 4.1	- 4.0	- 4.0	- 4.0	- 3.9	- 3.9

Note : Average 2021-23est: Data for 2023 are estimated. Prices are in nominal terms.

1. Wholesale price, United States, Omaha.

2. Excludes Iceland and Costa Rica but includes all current European Union member countries.

3. Producer price Germany net of biodiesel tariff and energy tax.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.9. World cotton projections*Marketing year*

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
WORLD												
Production	Mt	24.7	25.6	26.1	26.5	26.8	27.1	27.5	27.8	28.2	28.6	29.0
Area	Mha	32.4	33.6	33.7	33.8	33.9	34.0	34.1	34.1	34.2	34.3	34.3
Yield	t/ha	0.76	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.83	0.84	0.84
Consumption ¹	Mt	24.4	24.2	25.5	26.2	26.7	27.1	27.4	27.6	28.0	28.4	28.7
Exports	Mt	8.9	10.2	10.5	10.8	11.0	11.2	11.5	11.7	11.9	12.1	12.4
Closing stocks	Mt	21.2	23.4	24.1	24.4	24.5	24.6	24.6	24.8	25.1	25.3	25.6
Price ²	USD/t	2 400.2	1 931.3	1 938.9	1 967.6	1 988.7	2 017.3	2 047.2	2 076.6	2 104.8	2 131.9	2 157.2
DEVELOPED COUNTRIES												
Production	Mt	5.8	6.2	6.4	6.5	6.6	6.7	6.8	6.8	6.9	7.0	7.1
Consumption	Mt	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7
Exports	Mt	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Imports	Mt	4.6	5.1	5.2	5.4	5.4	5.5	5.5	5.6	5.6	5.6	5.7
Closing stocks	Mt	2.2	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
DEVELOPING COUNTRIES												
Production	Mt	19.0	19.4	19.7	20.0	20.2	20.4	20.7	21.0	21.3	21.6	22.0
Consumption	Mt	22.9	22.7	23.9	24.7	25.2	25.5	25.8	26.0	26.3	26.7	27.0
Exports	Mt	4.3	5.1	5.4	5.5	5.6	5.8	5.9	6.1	6.3	6.5	6.7
Imports	Mt	8.6	9.8	10.2	10.5	10.7	10.9	11.1	11.3	11.5	11.8	12.0
Closing stocks	Mt	18.9	21.6	22.2	22.5	22.6	22.6	22.6	22.8	23.0	23.3	23.5
OECD³												
Production	Mt	5.7	6.1	6.3	6.4	6.5	6.6	6.7	6.7	6.8	6.9	6.9
Consumption	Mt	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.4
Exports	Mt	4.5	5.1	5.1	5.3	5.4	5.5	5.5	5.6	5.6	5.7	5.7
Imports	Mt	1.7	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2
Closing stocks	Mt	3.2	2.8	3.0	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.6

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated. Prices are in nominal terms.

1. Consumption for cotton means mill consumption and not final consumer demand.

2. Cotlook A index, Middling 1 1/8", c.f.r. far Eastern ports (August/July).

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.10. Economic assumptions

Calendar year

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
REAL GDP¹												
Australia	%	3.6	1.4	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Canada	%	3.2	0.8	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Chile	%	4.5	1.6	2.3	2.4	2.4	2.4	2.1	2.0	1.9	1.8	1.8
Colombia	%	6.6	2.0	2.9	3.3	3.3	3.3	2.4	2.3	2.3	2.3	2.2
European Union	%	3.2	1.3	1.6	1.5	1.5	1.5	1.4	1.3	1.3	1.3	1.3
Japan	%	1.6	1.0	1.2	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Korea	%	2.8	2.3	2.1	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1
Mexico	%	4.4	2.5	2.0	1.8	2.0	2.1	2.1	2.1	2.1	2.1	2.1
New Zealand	%	3.3	1.3	1.9	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Norway	%	2.8	0.7	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Switzerland	%	3.0	0.9	1.4	1.8	1.2	1.8	1.8	1.8	1.8	1.8	1.8
Türkiye	%	6.7	0.1	1.7	1.9	2.0	2.1	2.2	2.5	2.6	2.7	2.7
United Kingdom	%	4.5	0.7	1.2	2.1	1.8	1.5	1.5	1.5	1.5	1.5	1.5
United States	%	3.4	1.5	1.7	2.1	2.1	2.1	1.6	1.6	1.6	1.6	1.6
Brazil	%	3.8	1.8	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0
China	%	5.5	4.7	4.2	4.1	3.7	3.4	3.4	3.4	3.4	3.4	3.4
Egypt	%	4.7	3.6	5.0	5.4	5.8	6.0	2.5	2.4	2.4	2.3	2.3
India	%	7.5	6.3	6.3	6.3	6.3	6.3	6.5	6.3	6.1	5.8	5.5
Indonesia	%	4.7	4.4	4.7	5.3	5.4	5.3	4.9	4.5	4.2	4.0	3.9
Iran	%	3.8	2.5	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1
Malaysia	%	5.3	4.3	4.4	4.4	3.9	3.9	3.8	3.6	3.5	3.4	3.3
Pakistan	%	3.8	2.5	3.6	4.5	5.0	5.0	3.0	3.0	3.0	3.0	3.0
Peru	%	5.7	2.7	3.1	3.0	3.0	3.0	3.4	3.3	3.3	3.2	3.2
Russia	%	1.6	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9
Saudi Arabia	%	4.5	4.0	4.2	3.3	3.3	3.1	2.6	2.2	2.0	1.8	1.6
South Africa	%	2.5	1.8	1.6	1.4	1.4	1.4	1.8	1.8	1.8	1.8	1.8
Ukraine	%	- 7.9	3.2	6.5	5.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0
OECD ^{2,3}	%	3.5	1.4	1.7	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6
PCE DEFLATOR¹												
Australia	%	4.1	3.5	2.8	3.1	2.7	2.6	2.6	2.6	2.6	2.6	2.6
Canada	%	4.1	2.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Chile	%	8.0	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Colombia	%	8.4	5.2	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
European Union	%	5.5	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Japan	%	2.1	2.4	2.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Korea	%	3.4	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Mexico	%	5.6	3.6	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
New Zealand	%	5.0	3.5	2.5	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0
Norway	%	4.5	3.9	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Switzerland	%	1.6	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Türkiye	%	48.6	53.7	24.0	12.8	10.1	8.1	5.8	5.3	5.3	5.3	5.3
United Kingdom	%	5.6	2.4	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
United States	%	4.8	2.8	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0
Brazil	%	8.1	4.0	3.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
China	%	4.1	3.5	2.8	3.1	2.7	2.6	2.6	2.6	2.6	2.6	2.6
Egypt	%	12.2	32.2	19.9	13.8	11.5	9.5	3.3	3.2	3.1	3.0	2.9
India	%	5.9	4.6	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Indonesia	%	3.1	2.3	2.6	3.2	3.3	3.2	3.1	3.1	3.1	3.1	3.1
Iran	%	4.8	2.8	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0
Malaysia	%	2.9	2.7	2.3	2.1	1.8	1.9	1.8	1.8	1.8	1.7	1.7
Pakistan	%	16.7	23.6	12.2	7.9	6.5	6.5	3.0	3.0	3.0	3.0	3.0
Peru	%	6.1	2.9	2.1	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5
Russia	%	8.6	6.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Saudi Arabia	%	2.7	2.2	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0
South Africa	%	5.8	4.8	4.5	4.5	4.5	4.5	4.9	4.9	4.9	4.9	4.9
Ukraine	%	15.7	13.0	8.6	6.7	5.5	5.0	3.0	3.0	3.0	3.0	3.0
OECD ^{2,3}	%	10.1	13.6	8.4	5.6	4.9	4.3	3.5	3.3	3.3	3.4	3.4

Table C.10. Economic assumptions (cont.)

Calendar year

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
GDP DEFLATOR¹												
Australia	%	5.7	3.0	2.7	2.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Canada	%	5.5	3.0	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1
Chile	%	7.1	3.3	3.3	3.2	3.0	3.0	3.1	3.2	3.2	3.2	3.2
Columbia	%	10.5	3.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
European Union	%	4.0	2.6	1.9	1.6	1.7	1.7	1.8	1.9	2.0	2.0	2.0
Japan	%	1.2	2.6	2.2	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
Korea	%	2.0	3.5	2.7	2.1	2.2	2.1	2.1	2.1	2.1	2.1	2.1
Mexico	%	5.0	3.6	2.7	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0
New Zealand	%	4.8	3.4	2.2	3.5	3.0	2.0	2.0	2.0	2.0	2.0	2.0
Norway	%	11.8	2.4	2.7	0.3	0.6	0.8	0.8	0.8	0.8	0.8	0.8
Switzerland	%	1.6	1.9	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Türkiye	%	62.2	41.6	21.3	10.4	6.2	5.5	5.4	5.4	5.4	5.4	5.4
United Kingdom	%	4.1	2.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
United States	%	5.1	2.7	2.1	1.9	1.8	1.9	2.1	2.1	2.1	2.1	2.1
Brazil	%	7.7	3.7	3.1	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
China	%	2.3	1.7	2.0	2.0	2.1	2.2	2.2	2.2	2.2	2.2	2.2
Egypt	%	13.7	33.2	19.7	13.4	11.1	9.1	3.3	3.2	3.1	3.0	2.9
India	%	6.9	4.1	4.1	4.1	4.0	4.0	3.7	3.7	3.6	3.6	3.6
Indonesia	%	5.9	0.9	1.9	1.9	2.5	3.2	3.8	3.6	3.4	3.3	3.3
Iran	%	5.1	2.7	2.1	1.9	1.8	1.9	2.1	2.1	2.1	2.1	2.1
Malaysia	%	4.9	3.5	2.9	2.2	1.6	1.7	1.7	1.6	1.6	1.6	1.6
Pakistan	%	17.1	23.8	12.5	8.2	6.3	6.5	3.0	3.0	3.0	3.0	3.0
Peru	%	6.0	2.4	2.2	2.2	2.1	2.0	2.5	2.5	2.5	2.5	2.5
Russia	%	12.8	8.1	5.7	3.1	2.4	2.5	2.5	2.5	2.5	2.5	2.5
Saudi Arabia	%	9.0	-0.2	-0.5	0.0	0.3	0.6	2.4	2.4	2.4	2.3	1.9
South Africa	%	5.2	4.7	4.5	4.6	4.9	5.0	4.8	4.8	4.9	4.9	4.9
Ukraine	%	27.3	15.0	9.9	6.5	5.0	5.0	3.0	3.0	3.0	3.0	3.0
OECD ³	%	11.8	12.7	8.3	5.0	3.6	3.3	3.4	3.4	3.5	3.5	3.5
WORLD INPUT PRICES												
Brent crude oil ⁴	USD/barrel	84.6	77.5	79.2	80.7	82.2	83.7	85.5	87.2	89.1	90.9	92.8
Fertiliser ⁵	USD/t	427.5	335.2	342.4	349.0	355.4	362.0	369.5	377.2	385.1	393.1	401.3
EXCHANGE RATES												
Australia	AUD/USD	1.43	1.57	1.57	1.57	1.58	1.58	1.58	1.58	1.59	1.59	1.59
Canada	CAD/USD	1.30	1.38	1.38	1.37	1.36	1.35	1.34	1.33	1.33	1.32	1.31
Chile	CLP/USD	816.46	833.13	837.44	844.20	852.04	859.41	858.81	862.13	867.07	872.78	878.94
Columbia	COP/USD	4 153.81	4 605.54	4 670.01	4 726.05	4 773.32	4 821.05	4 868.00	4 916.00	4 964.44	5 013.35	5 062.72
European Union	EUR/USD	0.91	0.94	0.94	0.94	0.94	0.94	0.95	0.95	0.95	0.96	0.96
Japan	JPY/USD	127.48	151.38	151.38	148.58	146.64	141.57	136.67	131.94	127.38	122.97	118.71
Korea	KRW/USD	1 247.90	1 316.70	1 316.70	1 315.02	1 315.41	1 315.65	1 315.88	1 316.11	1 316.34	1 316.57	1 316.81
Mexico	MXN/USD	19.34	17.48	17.48	17.62	17.78	17.94	18.09	18.24	18.40	18.55	18.71
New Zealand	NZD/USD	1.54	1.70	1.70	1.71	1.72	1.71	1.70	1.70	1.69	1.69	1.68
Switzerland	CHF/USD	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8
Brazil	BRL/USD	5.19	4.92	4.92	4.95	4.92	4.93	4.94	4.95	4.96	4.97	4.98
China	CNY/USD	6.76	7.29	7.29	7.27	7.27	7.26	7.24	7.22	7.21	7.19	7.17
Egypt	EGP/USD	19.34	39.61	43.56	46.16	47.89	48.96	50.48	52.00	53.51	55.03	56.55
India	INR/USD	78.51	81.17	81.74	82.43	83.18	83.93	84.03	84.28	84.54	84.80	85.05
Indonesia	'000 IDR/USD	14.82	16.21	16.35	16.84	17.34	17.85	18.38	18.93	19.49	20.07	20.67
Malaysia	MYR/USD	4.32	4.43	4.41	4.40	4.39	4.37	4.35	4.33	4.31	4.28	4.26
Pakistan	PKR/USD	195.53	256.01	263.69	271.60	279.74	288.14	296.78	305.68	314.86	324.30	334.03
Peru	PEN/USD	3.84	3.83	3.85	3.86	3.87	3.88	3.89	3.91	3.93	3.95	3.97
Russia	RUB/USD	76.47	92.28	92.28	94.54	97.09	99.56	102.09	104.69	107.35	110.08	112.88
Saudi Arabia	SAR/USD	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75
South Africa	ZAR/USD	16.50	18.55	18.92	19.39	20.04	20.69	21.06	21.44	22.07	22.75	23.41
Ukraine	UAH/USD	32.37	41.40	46.05	48.86	51.33	53.85	55.47	57.13	58.85	60.61	62.43
United Kingdom	GBP/USD	0.78	0.82	0.82	0.80	0.78	0.77	0.75	0.74	0.72	0.71	0.70

Table C.10. Economic assumptions (cont.)
Calendar year

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
POPULATION¹												
Australia	%	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8
Canada	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
Chile	%	0.6	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4
Columbia	%	0.8	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
European Union	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Japan	%	-0.5	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
Korea	%	0.0	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.3	-0.3
Mexico	%	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5
New Zealand	%	1.1	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5
Norway	%	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6
Switzerland	%	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4
Türkiye	%	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
United Kingdom	%	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
United States	%	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
Argentina	%	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
Brazil	%	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
China	%	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2
Egypt	%	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
India	%	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7
Indonesia	%	0.7	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
Iran	%	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4
Malaysia	%	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
Pakistan	%	1.9	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7
Peru	%	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9
Russia	%	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
Saudi Arabia	%	0.9	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1
South Africa	%	0.9	1.0	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
Ukraine	%	-5.7	3.2	2.2	0.9	-0.1	-0.5	-0.7	-0.7	-0.7	-0.7	-0.7
OECD ³	%	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
World	%	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
PER CAPITA GDP in constant 2010 USD¹												
Australia	%	2.6	0.4	1.1	1.2	1.4	1.4	1.4	1.4	1.5	1.5	1.5
Canada	%	2.4	0.0	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Chile	%	3.9	1.5	2.1	2.2	2.2	2.2	1.8	1.7	1.5	1.4	1.4
Columbia	%	5.8	1.5	2.4	2.8	2.7	2.7	1.8	1.8	1.7	1.8	1.8
European Union	%	3.0	1.7	2.0	1.8	1.7	1.7	1.7	1.5	1.5	1.5	1.6
Japan	%	2.2	1.6	1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Korea	%	2.8	2.3	2.2	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.4
Mexico	%	3.7	1.8	1.3	1.1	1.3	1.4	1.4	1.4	1.5	1.5	1.5
New Zealand	%	2.2	0.5	1.1	1.5	1.7	1.7	1.7	1.8	1.8	1.8	1.8
Norway	%	2.2	0.0	0.8	0.8	0.6	0.7	0.7	0.7	0.7	0.7	0.8
Switzerland	%	2.3	0.3	0.8	1.2	0.6	1.3	1.3	1.3	1.3	1.4	1.4
Türkiye	%	6.0	-0.4	1.2	1.4	1.5	1.6	1.7	1.9	2.1	2.2	2.2
United Kingdom	%	4.2	0.3	0.8	1.7	1.5	1.2	1.2	1.3	1.3	1.3	1.3
United States	%	3.0	1.0	1.2	1.5	1.6	1.6	1.1	1.1	1.1	1.1	1.1
Brazil	%	3.3	1.2	1.5	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.7
China	%	5.5	4.7	4.3	4.2	3.8	3.5	3.5	3.6	3.6	3.6	3.6
Egypt	%	3.0	2.0	3.4	3.8	4.3	4.4	1.0	1.0	1.0	0.9	0.9
India	%	6.7	5.3	5.4	5.4	5.5	5.4	5.7	5.5	5.3	5.0	4.8
Indonesia	%	4.0	3.6	3.9	4.5	4.7	4.5	4.2	3.8	3.5	3.4	3.3
Iran	%	3.1	1.8	1.3	1.4	1.4	1.4	1.6	1.6	1.6	1.7	1.7
Malaysia	%	4.2	3.2	3.3	3.4	2.9	3.0	2.9	2.8	2.7	2.6	2.5
Pakistan	%	1.9	0.5	1.6	2.5	3.1	3.1	1.1	1.2	1.2	1.2	1.3
Peru	%	4.6	1.8	2.1	2.0	2.0	2.0	2.4	2.4	2.4	2.4	2.3
Russia	%	1.9	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Saudi Arabia	%	3.6	2.5	2.8	1.9	2.0	1.8	1.4	0.9	0.8	0.7	0.5
South Africa	%	1.6	0.8	0.5	0.4	0.4	0.4	0.9	0.9	1.0	1.0	1.0
Ukraine	%	-2.6	0.0	4.2	4.1	4.1	4.6	3.7	3.7	3.7	3.7	3.7
OECD ³	%	3.0	1.0	1.4	1.5	1.5	1.5	1.2	1.2	1.2	1.3	1.3

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 Outlook No. 114, November 2023. For other economies, historical macroeconomic data were obtained from the IMF, World Economic Outlook, October 2023. Economic Assumptions for the OECD on the historical update of the OECD Economics Department, projections of the IMF, and for population, projections from the United Nations World projection period draw Population Prospects Database, (medium variant). Data for the European Union are euro area aggregates except for population. Average 2021-23est and 2023est: Data for 2023 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 and Costa Rica but includes all current European Union member countries.
4. Short-term update for crude oil price from the OECD Economic Outlook N°114 (October 2023).
For 2023, the annual average daily spot price is used and the December 2023 average spot price is used for 2024. The oil prices are constant in real term during the projection period.
5. World Bank. Data for 2024 are estimated, projections by OECD and FAO Secretariats.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Tableau C.11. World prices

Nominal price

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
CEREALS												
Wheat ¹	USD/t	364.5	269.3	257.1	258.9	262.8	267.9	272.4	276.1	279.3	283.9	287.1
Maize ²	USD/t	267.6	204.0	196.4	198.0	201.2	204.4	207.3	210.0	212.6	215.7	218.0
Other coarse grains ³	USD/t	284.1	224.0	220.1	222.2	225.6	229.7	234.7	238.5	242.0	245.8	249.0
Rice ⁴	USD/t	439.4	464.3	429.4	424.0	429.6	437.4	443.3	449.1	454.7	461.2	466.5
Distiller's dry grains ⁵	USD/t	227.1	172.1	150.5	152.1	154.6	157.0	159.6	161.9	164.2	166.6	168.5
OILSEEDS												
Soybean ⁶	USD/t	591.5	498.4	475.0	484.4	493.3	504.2	510.9	518.9	524.6	533.7	540.3
Other oilseeds ⁷	USD/t	622.9	492.8	485.4	496.2	504.0	515.8	525.0	534.6	543.6	553.7	563.0
Protein meals ⁸	USD/t	488.9	429.4	408.6	410.9	418.3	425.6	433.1	438.3	443.6	449.5	453.5
Vegetable oils ⁹	USD/t	1 230.5	1 012.4	1 000.6	1 022.6	1 038.9	1 058.9	1 074.6	1 091.6	1 110.2	1 128.3	1 151.5
SWEETENERS												
Raw sugar ¹⁰	USD/t	476.7	470.3	432.7	395.7	370.9	367.0	372.3	377.7	382.3	389.2	395.0
Refined sugar ¹¹	USD/t	602.5	595.2	561.2	526.4	504.1	500.8	506.3	514.7	523.1	533.4	541.8
Molasses ¹²	USD/t	225.6	183.3	184.9	188.2	185.0	183.2	186.7	189.8	192.6	196.1	196.7
MEAT												
Beef and Veal ¹³	USD/t pw	5 289.0	4 972.9	5 278.0	5 405.5	5 533.3	5 674.8	5 804.0	5 930.5	6 060.8	6 195.4	6 331.2
Pig meat ¹⁴	USD/t pw	2 801.7	2 785.3	2 748.9	2 775.8	2 803.7	2 855.9	2 893.5	2 935.7	2 972.3	3 017.6	3 049.2
Poultry meat ¹⁵	USD/t pw	1 823.6	1 806.2	1 719.0	1 709.4	1 737.3	1 770.2	1 800.7	1 828.1	1 854.9	1 884.5	1 908.3
Sheep meat ¹⁶	USD/t cwe	5 660.0	5 450.4	5 551.4	5 596.8	5 695.8	5 818.6	5 923.3	6 034.5	6 137.3	6 248.3	6 346.1
FISH AND SEAFOOD												
Product traded ¹⁷	USD/t	3 403.1	3 321.4	3 285.2	3 234.3	3 302.2	3 416.5	3 452.3	3 530.9	3 609.6	3 700.6	3 745.0
Aquaculture ¹⁸	USD/t	3 129.9	3 065.2	3 063.6	3 036.1	3 101.4	3 210.0	3 253.8	3 342.3	3 430.8	3 524.8	3 585.2
Capture ¹⁹	USD/t	2 011.9	1 973.9	1 947.8	1 944.8	1 972.8	2 028.7	2 039.8	2 076.0	2 114.2	2 172.2	2 210.5
Meal ²⁰	USD/t	1 630.8	1 741.1	1 497.2	1 481.4	1 572.1	1 673.3	1 598.4	1 629.6	1 655.6	1 784.3	1 799.4
Oil ²¹	USD/t	3 284.7	3 788.8	3 051.4	2 973.7	3 025.9	3 153.4	3 164.4	3 222.2	3 324.9	3 430.2	3 436.4
DAIRY PRODUCTS												
Butter ²²	USD/t	5 258.3	4 792.2	4 894.4	4 791.3	4 756.7	4 837.6	4 951.3	5 013.6	5 071.2	5 140.3	5 193.8
Cheese ²³	USD/t	4 759.9	4 398.6	4 470.5	4 435.0	4 454.2	4 540.9	4 638.4	4 710.6	4 777.9	4 853.2	4 921.7
Skim milk powder ²⁴	USD/t	3 300.2	2 609.9	2 621.8	2 633.8	2 671.1	2 722.1	2 770.2	2 815.5	2 865.0	2 912.8	2 963.6
Whole milk powder ²⁵	USD/t	3 601.6	3 096.2	3 091.7	3 063.7	3 085.8	3 148.0	3 215.8	3 267.5	3 319.9	3 373.8	3 427.0
Whey powder ²⁶	USD/t	1 134.9	832.9	820.7	808.5	817.7	832.1	848.7	864.0	879.0	893.1	908.4
Casein ²⁷	USD/t	10 620.7	10 878.6	10 693.8	10 654.5	10 755.5	10 927.1	11 108.9	11 288.1	11 463.9	11 629.3	11 802.9
BIOFUEL												
Ethanol ²⁸	USD/t	66.7	50.1	50.5	51.2	51.7	52.3	52.7	53.2	53.8	54.3	54.9
Biodiesel ²⁹	USD/t	157.2	130.1	130.7	133.0	135.1	137.5	140.2	143.0	146.1	149.2	152.7
COTTON												
Cotton ³⁰	USD/t	2 400.2	1 931.3	1 938.9	1 967.6	1 988.7	2 017.3	2 047.2	2 076.6	2 104.8	2 131.9	2 157.2
ROOTS AND TUBERS												
Roots and tubers ³¹	USD/t	470.1	462.0	457.3	456.0	461.2	469.7	474.7	482.3	489.5	497.7	504.8
PULSES												
Pulses ³²	USD/t	373.0	280.2	269.0	272.9	274.7	277.5	282.4	287.1	292.6	298.4	303.5

Table C.11. World prices (cont.)

Real price

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
CEREALS												
Wheat ¹	USD/t	383.7	262.1	245.0	242.0	241.3	241.5	240.5	238.9	236.7	235.7	233.5
Maize ²	USD/t	282.0	198.6	187.2	185.1	184.8	184.3	183.1	181.7	180.2	179.1	177.3
Other coarse grains ³	USD/t	299.6	218.1	209.8	207.8	207.1	207.3	207.3	206.4	205.1	204.1	202.5
Rice ⁴	USD/t	459.5	452.0	409.3	396.5	394.5	394.3	391.5	388.5	385.4	382.9	379.4
Distiller's dry grains ⁵	USD/t	237.9	167.5	143.5	142.2	141.9	141.6	140.9	140.1	139.1	138.3	137.1
OILSEEDS												
Soybean ⁶	USD/t	622.5	485.2	452.8	453.0	452.9	454.5	451.2	448.9	444.6	443.1	439.4
Other oilseeds ⁷	USD/t	659.9	479.7	462.6	463.9	462.7	465.0	463.6	462.5	460.7	459.7	457.9
Protein meals ⁸	USD/t	513.1	418.1	389.5	384.2	384.1	383.7	382.5	379.2	375.9	373.2	368.8
Vegetable oils ⁹	USD/t	1 303.0	985.5	953.7	956.1	953.9	954.6	949.0	944.4	940.9	936.8	936.5
SWEETENERS												
Raw sugar ¹⁰	USD/t	498.3	457.8	412.4	369.9	340.5	330.8	328.8	326.7	324.0	323.1	321.3
Refined sugar ¹¹	USD/t	629.7	579.4	534.9	492.2	462.9	451.4	447.2	445.2	443.3	442.9	440.6
Molasses ¹²	USD/t	236.8	178.4	176.2	176.0	169.8	165.2	164.9	164.2	163.2	162.8	160.0
MEAT												
Beef and Veal ¹³	USD/t pw	5 556.7	4 841.0	5 030.7	5 054.1	5 080.8	5 115.9	5 125.8	5 130.6	5 136.5	5 143.7	5 149.0
Pig meat ¹⁴	USD/t pw	2 939.2	2 711.4	2 620.1	2 595.4	2 574.4	2 574.6	2 555.3	2 539.7	2 519.0	2 505.4	2 479.9
Poultry meat ¹⁵	USD/t pw	1 908.6	1 758.3	1 638.4	1 598.3	1 595.3	1 595.8	1 590.3	1 581.5	1 572.0	1 564.6	1 552.0
Sheep meat ¹⁶	USD/t cwe	5 938.7	5 305.9	5 291.3	5 233.0	5 229.9	5 245.5	5 231.1	5 220.5	5 201.4	5 187.7	5 161.1
FISH AND SEAFOOD												
Product traded ¹⁷	USD/t	3 568.2	3 233.3	3 131.2	3 024.1	3 032.1	3 080.0	3 048.8	3 054.6	3 059.1	3 072.4	3 045.7
Aquaculture ¹⁸	USD/t	3 285.3	2 983.9	2 920.0	2 838.7	2 847.8	2 893.8	2 873.5	2 891.4	2 907.6	2 926.5	2 915.8
Capture ¹⁹	USD/t	2 107.7	1 921.6	1 856.5	1 818.4	1 811.5	1 828.9	1 801.5	1 796.0	1 791.8	1 803.5	1 797.8
Meal ²⁰	USD/t	1 705.5	1 694.9	1 427.1	1 385.1	1 443.6	1 508.5	1 411.6	1 409.8	1 403.1	1 481.5	1 463.4
Oil ²¹	USD/t	3 397.7	3 688.3	2 908.4	2 780.4	2 778.4	2 842.8	2 794.6	2 787.6	2 817.8	2 848.0	2 794.7
DAIRY PRODUCTS												
Butter ²²	USD/t	5 519.8	4 665.1	4 665.0	4 479.8	4 367.7	4 361.1	4 372.7	4 337.4	4 297.8	4 267.8	4 224.0
Cheese ²³	USD/t	4 991.4	4 281.9	4 261.1	4 146.7	4 089.8	4 093.6	4 096.4	4 075.2	4 049.3	4 029.4	4 002.7
Skim milk powder ²⁴	USD/t	3 472.5	2 540.7	2 499.0	2 462.6	2 452.6	2 454.0	2 446.5	2 435.7	2 428.1	2 418.4	2 410.3
Whole milk powder ²⁵	USD/t	3 792.4	3 014.1	2 946.8	2 864.5	2 833.4	2 837.9	2 840.0	2 826.8	2 813.6	2 801.1	2 787.1
Whey powder ²⁶	USD/t	1 196.9	810.8	782.2	755.9	750.8	750.2	749.5	747.5	744.9	741.5	738.8
Casein ²⁷	USD/t	11 092.5	10 590.1	10 192.7	9 961.9	9 875.8	9 850.8	9 810.7	9 765.5	9 715.5	9 655.3	9 599.1
BIOFUEL												
Ethanol ²⁸	USD/t	70.0	48.7	48.1	47.9	47.5	47.1	46.6	46.1	45.6	45.1	44.6
Biodiesel ²⁹	USD/t	165.1	126.6	124.5	124.4	124.1	124.0	123.8	123.7	123.8	123.8	124.2
COTTON												
Cotton ³⁰	USD/t	2 535.4	1 880.0	1 848.0	1 839.7	1 826.1	1 818.6	1 807.9	1 796.5	1 783.8	1 770.0	1 754.4
ROOTS AND TUBERS												
Roots and tubers ³¹	USD/t	492.3	449.8	435.9	426.3	423.5	423.4	419.3	417.2	414.8	413.2	410.6
PULSES												
Pulses ³²	USD/t	394.6	272.8	256.3	255.2	252.2	250.2	249.4	248.4	248.0	247.7	246.8
USA GDP Deflator (2023=1)	Index	0.955	1.027	1.049	1.070	1.089	1.109	1.132	1.156	1.180	1.204	1.230

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 and those for other products on calendar year basis. See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated. year basis. Real prices year basis are deflated using USA GDP base year 2023=1.

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 (July/June).
4. FAO all rice price index normalised to India, indica high quality 5% broken average 2014-2016 (January/December).
5. Wholesale price, Central Illinois (September/August).
6. Soybean, U.S., CIF Rotterdam (October/September).
7. Rapeseed, Europe, CIF Hamburg (October/September).
8. Weighted average meal price, European port (October/September).
9. Weighted average price of oilseed oils and palm oil, European port (October/September).
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. Unit import price, Europe (October/September).
13. Beef meat – Beef (Australia), cow forequarters, 85% chemical lean, c.i.f. U.S. imported USD/t cwe
14. United States of America: Meat of Swine (Fresh, Chilled Or Frozen), export unit value USD/t cwe.
15. Brazil: Meat And Edible Offal Of Poultry (Fresh, Chilled Or Frozen), export unit value USD/t cwe.
16. New Zealand: Lamb 17.5kg, USD/t cwe.
17. World unit value of trade (sum of exports and imports).
18. World unit value of aquaculture fisheries production (live weight basis).
19. FAO estimated value of world ex-vessel value of capture fisheries production excluding for reduction.
20. Fishmeal, 64-65% protein, Hamburg, Germany.
21. Fish oil any origin, N.W. Europe.
22. FOB export price, butter, 82% butterfat, Oceania.
23. FOB export price, cheddar cheese, 39% moisture, Oceania.
24. FOB export price, non-fat dry milk, 1.25% butterfat, Oceania.
25. FOB export price, WMP 26% butterfat, Oceania.
26. FOB export price, sweet whey non-hygroscopic, Western Europe.
27. Export price, New Zealand.
28. Wholesale price, United States, Omaha.
29. Producer price Germany net of biodiesel tariff and energy tax.
30. Cotlook A index, Middling 1 1/8", c.f.r. far Eastern ports (August/July).
31. Thailand, Bangkok, Cassava (flour), wholesale.
32. Field peas price, Canada (August/July).

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

		Average										
		2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Wheat												
World Trade	kt	192 800	196 532	196 608	197 495	201 166	204 558	207 809	211 033	214 289	216 984	220 185
OECD ¹	kt	45 673	42 436	42 611	42 768	42 726	42 808	42 870	42 964	43 116	43 228	43 375
Developing countries	kt	158 718	166 027	165 652	166 666	170 242	173 511	176 620	179 652	182 723	185 346	188 400
Least Developed Countries	kt	19 121	21 419	21 498	21 914	22 663	23 363	24 029	24 651	25 259	25 820	26 410
Maize												
World Trade	kt	185 403	182 303	184 087	187 808	190 868	194 780	198 265	201 853	205 456	209 227	213 012
OECD ¹	kt	85 183	80 867	81 531	82 401	82 914	83 653	84 422	85 171	85 872	86 571	87 184
Developing countries	kt	140 486	143 125	144 963	148 860	151 802	155 409	158 551	161 883	165 290	168 888	172 523
Least Developed Countries	kt	4 906	3 459	3 714	3 875	3 990	4 147	4 284	4 445	4 608	4 803	5 028
Other coarse grains												
World Trade	kt	44 437	43 532	44 076	44 347	44 604	45 022	45 554	46 236	46 851	47 535	48 177
OECD ¹	kt	10 239	8 448	8 785	8 758	8 831	8 800	8 807	8 898	8 965	9 057	9 121
Developing countries	kt	36 745	36 695	37 388	37 753	38 027	38 465	39 012	39 700	40 347	41 065	41 751
Least Developed Countries	kt	1 530	594	323	322	362	543	670	760	875	1 010	1 164
Rice												
World Trade	kt	54 085	53 231	55 150	56 345	57 606	58 962	60 359	61 706	63 066	64 360	65 682
OECD ¹	kt	7 949	8 330	8 432	8 484	8 527	8 607	8 707	8 804	8 872	8 962	9 050
Developing countries	kt	46 322	45 232	47 047	48 199	49 400	50 666	51 967	53 226	54 520	55 723	56 955
Least Developed Countries	kt	11 080	11 292	11 430	11 611	12 093	12 497	12 911	13 424	14 013	14 552	15 128
Soybean												
World Trade	kt	162 204	170 710	172 705	173 485	174 514	175 360	176 527	177 072	177 977	178 517	179 310
OECD ¹	kt	31 706	31 506	31 530	31 283	31 149	30 981	30 917	30 767	30 691	30 541	30 475
Developing countries	kt	139 683	148 584	150 736	151 859	153 145	154 278	155 647	156 452	157 550	158 345	159 319
Least Developed Countries	kt	2 418	2 537	2 678	2 760	2 812	2 851	2 895	2 932	2 975	3 010	3 048
Other oilseeds												
World Trade	kt	23 374	24 193	24 084	24 142	24 265	24 404	24 521	24 646	24 774	24 910	25 010
OECD ¹	kt	14 682	13 968	13 797	13 745	13 727	13 686	13 627	13 576	13 524	13 479	13 400
Developing countries	kt	10 308	11 768	11 860	12 005	12 180	12 378	12 558	12 737	12 919	13 102	13 283
Least Developed Countries	kt	256	250	254	260	263	266	268	270	273	275	278
Protein meals												
World Trade	kt	92 695	95 005	95 672	96 308	97 006	97 947	98 638	99 697	100 470	101 477	1

[illegible]

Table C.12.1 World trade projections, imports (cont.)

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Butter												
World Trade	kt	1 024	1 058	1 068	1 068	1 075	1 086	1 093	1 105	1 114	1 125	1 138
OECD ¹	kt	306	341	330	326	329	329	329	331	332	333	335
Developing countries	kt	603	614	629	639	649	656	659	665	670	677	685
Least Developed Countries	kt	12	18	21	23	24	25	25	26	27	28	30
Cheese												
World Trade	kt	3 505	3 525	3 594	3 622	3 665	3 727	3 789	3 849	3 912	3 968	4 025
OECD ¹	kt	1 652	1 579	1 596	1 614	1 638	1 658	1 682	1 703	1 726	1 744	1 757
Developing countries	kt	1 749	1 826	1 871	1 896	1 924	1 965	2 004	2 040	2 078	2 115	2 154
Least Developed Countries	kt	28	40	56	54	54	59	64	68	72	77	83
Whole milk powder												
World Trade	kt	2 791	2 551	2 562	2 552	2 566	2 581	2 595	2 609	2 620	2 633	2 645
OECD ¹	kt	151	130	137	138	139	140	139	139	139	139	139
Developing countries	kt	2 666	2 443	2 445	2 429	2 443	2 458	2 471	2 485	2 496	2 508	2 521
Least Developed Countries	kt	281	255	266	275	283	290	297	304	312	319	327
Skim milk powder												
World Trade	kt	2 554	2 620	2 697	2 771	2 830	2 891	2 947	3 003	3 059	3 115	3 172
OECD ¹	kt	500	500	511	522	527	532	536	541	547	552	558
Developing countries	kt	2 323	2 378	2 445	2 508	2 566	2 625	2 680	2 734	2 789	2 844	2 900
Least Developed Countries	kt	104	105	110	116	121	126	132	137	142	147	153
Fish												
World Trade	kt	44 852	44 066	44 372	44 515	44 660	44 497	44 923	45 247	45 436	45 361	45 890
OECD ¹	kt	23 412	22 350	23 307	23 295	23 328	22 976	23 307	23 490	23 545	23 371	23 686
Developing countries	kt	22 171	22 481	21 899	21 953	22 059	22 324	22 465	22 556	22 703	22 882	23 140
Least Developed Countries	kt	1 429	1 723	1 839	1 797	1 833	1 971	1 932	1 968	2 006	2 235	2 225
Fishmeal³												
World Trade	kt	3 727	3 245	3 524	3 587	3 621	3 339	3 582	3 676	3 686	3 404	3 570
OECD ¹	kt	1 201	1 069	1 165	1 151	1 132	1 006	1 089	1 101	1 107	998	1 051
Developing countries	kt	2 752	2 404	2 590	2 680	2 743	2 591	2 735	2 831	2 844	2 681	2 776
Least Developed Countries	kt	84	76	83	97	102	92	106	113	117	105	114
Fish oil³												
World Trade	kt	936	984	1 021	1 030	1 043	1 023	1 061	1 080	1 097	1 068	1 096
OECD ¹	kt	758	823	844	856	866	859	872	897	914	898	903
Developing countries	kt	343	347	367	375	383	372	387	392	396	383	395
Least Developed Countries	kt	5	5	5	5	5	5	5	5	5	5	5
Ethanol												
World Trade	kt	10 835	10 755	10 941	11 113	11 273	11 453	11 667	11 890	12 136	12 389	12 422
OECD ¹	kt	7 774	8 158	8 335	8 524	8 684	8 871	9 058	9 251	9 456	9 672	9 692
Developing countries	kt	3 990	3 505	3 493	3 472	3 448	3 429	3 446	3 470	3 508	3 543	3 554
Least Developed Countries	kt	117	130	130	130	130	130	130	130	130	130	130
Biodiesel												
World Trade	kt	8 026	8 223	8 214	8 207	8 207	8 205	8 208	8 208	8 208	8 212	8 202
OECD ¹	kt	7 477	7 528	7 513	7 502	7 494	7 485	7 482	7 479	7 478	7 479	7 472
Developing countries	kt	549	695	701	705	713	719	726	729	730	733	730
Least Developed Countries	kt	0	0	0	0	0	0	0	0	0	0	0
Cotton												
World Trade	kt	8 992	10 183	10 521	10 824	11 028	11 244	11 454	11 679	11 898	12 124	12 352
OECD ¹	kt	1 689	1 976	2 117	2 115	2 083	2 067	2 091	2 126	2 150	2 186	2 221
Developing countries	kt	8 636	9 813	10 151	10 458	10 663	10 876	11 086	11 310	11 528	11 754	11 982
Least Developed Countries	kt	1 546	1 683	1 694	1 773	1 847	1 917	1 983	2 047	2 110	2 174	2 237
Roots and tubers												
World Trade	kt	27 516	27 855	28 114	28 287	28 564	28 830	29 078	29 369	29 665	29 984	30 302
OECD ¹	kt	3 170	3 359	3 494	3 605	3 634	3 661	3 681	3 685	3 692	3 680	3 678
Developing countries	kt	24 163	24 303	24 473	24 538	24 786	25 025	25 252	25 546	25 844	26 185	26 516
Least Developed Countries	kt	695	736	719	709	711	726	736	735	731	721	717
Pulses												
World Trade	kt	19 791	20 160	20 495	21 024	21 356	21 748	22 062	22 400	22 637	22 866	23 037
OECD ¹	kt	5 174	4 901	4 980	4 894	4 835	4 765	4 691	4 612	4 530	4 494	4 463
Developing countries	kt	15 928	16 621	16 872	17 482	17 874	18 339	18 725	19 141	19 460	19 725	19 927
Least Developed Countries	kt	2 396	2 560	2 542	2 550	2 593	2 651	2 686	2 727	2 773	2 819	2 866

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 2021-23est: Data for 2023 are estimated.

1. Excludes Iceland (except for fish products) and Costa Rica but includes all current European member countries.

2. Excludes trade of live animals.

3. Data are in product weight.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.12.2 World trade projections, exports

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Wheat												
OECD ¹	kt	106 103	111 621	110 452	110 671	112 593	114 010	115 214	116 367	117 369	118 558	119 896
Developing countries	kt	26 729	23 580	23 569	24 037	24 408	24 926	25 420	25 824	26 360	26 824	27 276
Least Developed Countries	kt	143	123	121	119	115	112	109	106	104	101	99
Maize												
OECD ¹	kt	54 146	59 785	61 487	63 284	64 817	65 992	66 833	67 769	68 708	69 726	70 738
Developing countries	kt	95 537	92 640	93 127	94 329	95 646	98 074	100 273	102 417	104 432	106 560	108 808
Least Developed Countries	kt	2 744	3 492	3 177	3 116	3 152	3 079	3 108	3 112	3 124	3 041	2 902
Other coarse grains												
OECD ¹	kt	31 105	29 052	29 315	29 444	29 873	30 332	30 738	31 245	31 674	32 134	32 554
Developing countries	kt	5 230	6 107	6 229	6 160	6 037	5 838	5 741	5 692	5 649	5 629	5 613
Least Developed Countries	kt	390	865	1 030	1 005	917	737	635	571	516	471	435
Rice												
OECD ¹	kt	3 287	3 499	3 534	3 603	3 654	3 676	3 749	3 780	3 803	3 861	3 907
Developing countries	kt	50 407	48 074	49 960	51 079	52 276	53 595	54 905	56 207	57 529	58 750	60 010
Least Developed Countries	kt	4 852	4 919	5 214	6 053	6 443	7 214	7 932	8 462	9 064	9 819	10 662
Soybean												
OECD ¹	kt	55 954	51 997	52 624	52 808	53 112	53 505	53 834	54 162	54 511	54 896	55 282
Developing countries	kt	106 261	113 812	115 142	115 706	116 387	116 792	117 601	117 767	118 281	118 382	118 746
Least Developed Countries	kt	818	723	705	683	675	670	664	657	649	643	637
Other oilseeds												
OECD ¹	kt	14 239	14 118	13 824	13 762	13 828	13 888	13 921	13 953	14 002	14 052	14 082
Developing countries	kt	3 033	2 805	2 836	2 850	2 840	2 846	2 853	2 858	2 860	2 863	2 865
Least Developed Countries	kt	429	436	415	414	407	405	405	404	402	401	398
Protein meals												
OECD ¹	kt	22 025	21 984	21 994	22 474	22 936	23 373	23 845	24 266	24 682	25 022	25 442
Developing countries	kt	61 722	64 749	65 348	65 428	65 584	66 054	66 222	66 843	67 168	67 816	68 308
Least Developed Countries	kt	407	392	416	416	399	381	366	350	334	317	300
Vegetable oils												
OECD ¹	kt	8 298	8 825	8 760	8 838	8 800	8 828	8 860	8 814	8 939	9 010	8 976
Developing countries	kt	65 546	67 109	67 316	67 344	67 490	67 553	67 571	67 691	67 736	67 849	67 948
Least Developed Countries	kt	568	550	537	522	509	497	485	473	462	451	442
Sugar												
OECD ¹	kt	6 699	6 876	6 573	6 557	6 769	6 940	7 061	7 097	7 183	7 259	7 324
Developing countries	kt	60 237	61 160	62 690	64 276	65 211	65 862	66 564	67 419	68 244	68 788	69 388
Least Developed Countries	kt	2 615	1 827	1 972	2 171	2 365	2 345	2 242	2 201	2 181	2 141	2 088
Beef²												
OECD ¹	kt cwe	5 234	5 113	5 214	5 250	5 316	5 382	5 440	5 496	5 557	5 615	5 675
Developing countries	kt cwe	6 927	6 949	6 986	7 016	7 101	7 198	7 286	7 372	7 458	7 547	7 640
Least Developed Countries	kt cwe	10	10	9	8	8	8	8	8	8	7	7
Pig meat²												
OECD ¹	kt cwe	9 338	8 474	8 614	8 649	8 677	8 695	8 713	8 735	8 774	8 800	8 841
Developing countries	kt cwe	1 880	1 728	1 648	1 609	1 612	1 620	1 630	1 642	1 657	1 673	1 689
Least Developed Countries	kt cwe	2	2	2	2	2	2	2	2	2	2	2
Poultry meat												
OECD ¹	kt rtc	6 993	6 739	6 894	6 967	7 053	7 136	7 217	7 316	7 402	7 478	7 571
Developing countries	kt rtc	8 528	8 194	8 250	8 378	8 488	8 598	8 707	8 815	8 927	9 035	9 149
Least Developed Countries	kt rtc	46	46	45	44	44	44	43	43	43	43	42
Sheep meat												
OECD ¹	kt cwe	1 071	1 114	1 101	1 109	1 115	1 123	1 131	1 138	1 145	1 153	1 160
Developing countries	kt cwe	99	92	92	88	86	84	83	82	81	81	80
Least Developed Countries	kt cwe	11	9	8	8	7	6	5	4	3	3	2

Table C.12.2 World trade projections, exports (cont.)

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Butter												
OECD ¹	kt	801	834	849	845	848	858	865	877	885	893	903
Developing countries	kt	123	131	123	127	134	139	144	149	156	165	174
Least Developed Countries	kt	2	1	1	1	0	0	0	0	0	0	0
Cheese												
OECD ¹	kt	2 609	2 630	2 702	2 732	2 771	2 827	2 881	2 930	2 980	3 026	3 072
Developing countries	kt	575	590	587	579	573	569	568	566	567	568	566
Least Developed Countries	kt	0	0	0	0	0	0	0	0	0	0	0
Whole milk powder												
OECD ¹	kt	1 880	1 784	1 800	1 787	1 801	1 812	1 823	1 834	1 843	1 853	1 863
Developing countries	kt	730	716	711	714	714	717	719	721	723	725	727
Least Developed Countries	kt	7	7	7	7	7	7	6	6	6	6	6
Skim milk powder												
OECD ¹	kt	2 313	2 280	2 357	2 430	2 488	2 546	2 601	2 654	2 707	2 760	2 814
Developing countries	kt	272	218	219	221	223	224	224	226	228	229	231
Least Developed Countries	kt	13	11	11	11	10	10	10	10	9	9	9
Fish												
OECD ¹	kt	13 323	12 695	12 761	12 927	12 980	12 908	13 094	13 217	13 306	13 148	13 311
Developing countries	kt	29 328	28 642	29 150	29 311	29 503	29 272	29 697	30 042	30 260	30 213	30 860
Least Developed Countries	kt	1 964	2 029	1 936	1 853	1 847	1 898	1 849	1 835	1 831	1 900	1 848
Fishmeal³												
OECD ¹	kt	929	841	874	891	916	863	902	926	931	883	940
Developing countries	kt	2 633	2 284	2 585	2 629	2 639	2 324	2 602	2 675	2 674	2 349	2 539
Least Developed Countries	kt	168	163	160	163	164	162	165	167	167	166	167
Fish oil³												
OECD ¹	kt	516	508	524	514	524	531	545	544	556	555	572
Developing countries	kt	541	521	574	578	586	552	597	608	620	580	611
Least Developed Countries	kt	25	24	24	24	24	23	23	23	23	23	23
Ethanol												
OECD ¹	kt	5 794	6 427	6 626	6 664	6 718	6 783	6 899	7 070	7 262	7 509	7 633
Developing countries	kt	3 901	3 950	3 937	4 070	4 177	4 293	4 391	4 443	4 497	4 504	4 413
Least Developed Countries	kt	17	10	10	10	10	10	10	10	10	10	10
Biodiesel												
OECD ¹	kt	2 991	3 268	3 304	3 335	3 370	3 405	3 439	3 472	3 505	3 542	3 549
Developing countries	kt	5 095	5 225	5 182	5 143	5 109	5 072	5 041	5 008	4 976	4 944	4 927
Least Developed Countries	kt	0	0	0	0	0	0	0	0	0	0	0
Cotton												
OECD ¹	kt	4 545	5 099	5 120	5 324	5 409	5 467	5 517	5 572	5 628	5 686	5 743
Developing countries	kt	4 287	5 073	5 354	5 472	5 607	5 777	5 946	6 125	6 297	6 474	6 654
Least Developed Countries	kt	1 116	1 020	1 133	1 121	1 116	1 117	1 123	1 130	1 135	1 141	1 147
Roots and tubers												
OECD ¹	kt	1 994	2 016	2 051	2 064	2 069	2 098	2 124	2 155	2 187	2 221	2 254
Developing countries	kt	16 508	17 721	17 927	18 087	18 357	18 599	18 828	19 092	19 358	19 643	19 929
Least Developed Countries	kt	547	557	564	579	596	612	626	644	667	692	717
Pulses												
OECD ¹	kt	10 172	10 541	10 833	11 259	11 527	11 828	11 989	12 165	12 229	12 276	12 284
Developing countries	kt	7 495	7 427	7 439	7 500	7 518	7 561	7 664	7 771	7 888	8 011	8 134
Least Developed Countries	kt	3 275	3 236	3 257	3 356	3 393	3 446	3 545	3 650	3 759	3 872	3 985

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 2021-23est: Data for 2023 are estimated.

1. Excludes Iceland (except for fish products) and Costa Rica but includes all current European member countries.

2. Excludes trade of live animals.

3. Data are in product weight.

Source: OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.13.1 Wheat projections: Production and trade*Marketing year*

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	788 257	871 744	0.82	1.02	192 800	220 185	1.96	1.39	193 894	220 185	2.15	1.39
NORTH AMERICA	76 215	90 107	-1.30	0.61	3 266	3 873	-1.92	0.82	42 330	52 757	-0.30	0.97
Canada	29 569	38 248	0.56	1.27	117	123	2.44	0.46	21 477	28 872	0.10	1.55
United States	46 646	51 858	-2.41	0.15	3 149	3 750	-2.10	0.84	20 852	23 885	-0.79	0.31
LATIN AMERICA	33 129	40 192	2.17	1.73	20 307	23 636	-0.73	1.03	14 030	18 759	1.59	2.98
Argentina	17 067	22 564	1.88	2.37	3	3	0.00	0.04	11 650	16 103	3.62	3.24
Brazil	8 789	10 306	6.08	1.21	3 277	2 631	-7.39	-2.72	589	589	-0.76	0.00
Chile	1 182	1 077	-3.40	0.69	1 257	1 665	4.67	1.05	0	0	..	..
Colombia	5	5	-6.90	0.24	2 011	2 413	1.53	1.35	12	8	12.86	-1.33
Mexico	3 451	3 510	-1.15	0.54	5 171	5 900	1.68	1.43	692	1 336	-6.37	5.66
Paraguay	1 011	1 013	-0.73	0.91	1	1	-0.74	1.02	341	170	-8.46	-4.98
Peru	203	212	-0.60	0.73	1 995	2 485	1.24	2.01	5	4	-5.30	-0.84
EUROPE	273 492	287 329	0.92	0.92	12 473	8 128	0.81	-1.08	90 925	107 813	2.68	1.78
European Union ¹	135 087	136 930	-0.59	0.18	8 377	5 158	1.45	-1.17	32 218	35 540	0.48	1.10
United Kingdom	14 755	16 859	-1.63	1.01	1 612	529	-1.62	-3.66	801	1 321	-9.31	-0.85
Russia	90 236	103 288	4.75	1.99	190	376	-11.35	4.13	41 150	56 634	7.05	2.88
Ukraine	25 017	21 263	-0.87	0.56	15	15	-9.47	0.30	15 074	12 346	-0.60	-0.36
AFRICA	27 454	33 459	0.22	1.07	51 616	63 807	1.04	2.08	563	433	-7.21	-0.55
Egypt	9 467	10 645	0.33	1.56	11 592	14 585	0.07	1.46	73	97	-11.77	-0.20
Ethiopia	5 764	7 733	3.75	0.99	1 483	1 912	1.56	11.74	0	0	..	..
Nigeria	93	86	3.01	-0.26	5 167	6 941	2.42	2.47	1	1	-5.82	-0.41
South Africa	2 225	2 206	4.03	1.07	1 548	1 924	-1.13	1.15	150	62	-2.95	6.83
ASIA	344 779	388 797	0.95	1.14	104 156	119 530	3.35	1.32	21 577	18 106	3.64	-0.13
China ²	137 086	136 213	0.57	0.12	9 855	10 635	21.55	0.05	293	220	4.65	0.96
India	110 024	136 492	2.56	2.24	36	319	-38.29	14.42	4 835	12	12.94	-32.67
Indonesia	0	0	..	..	10 370	11 500	1.88	1.01	78	66	-5.51	-1.00
Iran	12 198	13 611	0.73	0.61	4 844	4 138	10.31	0.41	50	48	0.57	-0.04
Japan	1 047	1 101	2.38	0.27	5 396	5 306	-1.09	0.01	0	0	..	..
Kazakhstan	13 139	16 610	-0.97	0.91	1 300	837	28.70	-0.20	8 931	9 647	3.59	0.20
Korea	41	49	3.47	0.18	4 862	4 862	1.95	0.18	54	56	0.95	0.65
Malaysia	0	0	..	..	1 730	1 898	1.63	0.93	180	157	6.53	-0.92
Pakistan	27 102	31 560	0.62	1.49	2 236	5 000	79.22	6.10	300	291	-15.37	-1.27
Philippines	0	0	..	..	6 184	8 675	2.15	2.68	63	35	105.84	-2.61
Saudi Arabia	583	638	41.50	0.63	3 878	3 897	1.53	1.20	0	0	..	..
Thailand	1	1	-0.63	1.18	2 725	3 421	-4.46	1.89	20	11	0.60	-1.86
Türkiye	19 317	23 734	-0.73	1.36	10 160	9 768	10.40	-0.28	5 413	6 442	3.85	0.28
Viet Nam	0	0	..	..	4 275	4 860	3.68	1.82	48	59	8.70	-1.79
OCEANIA	33 188	31 859	3.54	0.70	982	1 211	1.69	1.76	24 469	22 316	4.53	0.72
Australia	32 766	31 375	3.58	0.69	31	28	3.65	-0.05	24 468	22 316	4.53	0.72
New Zealand	422	485	0.39	1.33	561	612	1.92	1.24	0	0	..	..
DEVELOPED COUNTRIES	410 239	442 507	0.56	0.86	34 082	31 784	0.92	0.42	167 166	192 908	2.07	1.34
DEVELOPING COUNTRIES	378 018	429 237	1.10	1.18	158 718	188 400	2.19	1.57	26 729	27 276	2.48	1.75
LEAST DEVELOPED COUNTRIES	8 266	8 643	-1.27	0.22	19 121	26 410	2.25	2.55	143	99	-0.29	-2.51
OECD³	285 153	306 123	-0.46	0.50	45 673	43 375	2.45	0.22	106 103	119 896	0.89	0.94

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.13.2 Wheat projections: Consumption, food
Marketing year

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	781 703	871 209	1.10	0.98	506 881	571 082	1.06	1.09	63.9	65.6	0.02	0.26
NORTH AMERICA	39 958	40 745	-0.64	0.24	27 727	28 545	0.38	0.31	73.6	71.6	-0.26	-0.20
Canada	8 976	9 488	-0.03	0.58	2 856	2 912	1.97	0.57	74.3	69.5	0.91	-0.20
United States	30 981	31 256	-0.80	0.14	24 871	25 633	0.21	0.28	73.5	71.8	-0.39	-0.20
LATIN AMERICA	39 879	44 983	0.89	0.98	32 218	35 623	0.84	0.91	48.8	50.2	-0.03	0.26
Argentina	5 930	6 462	0.38	0.90	4 778	5 192	0.98	0.76	105.0	107.2	0.24	0.20
Brazil	11 600	12 336	1.13	0.53	9 902	10 450	0.80	0.51	46.0	46.2	0.10	0.07
Chile	2 490	2 740	0.29	0.90	1 981	2 156	1.06	0.83	101.2	106.9	-0.24	0.54
Colombia	2 038	2 405	2.44	1.39	1 598	1 830	1.77	1.31	30.8	33.3	0.41	0.76
Mexico	7 631	8 074	1.26	0.27	6 353	6 693	1.72	0.29	49.8	48.9	0.85	-0.33
Paraguay	563	798	1.67	2.36	362	459	1.27	2.18	53.4	60.1	-0.07	1.11
Peru	2 243	2 690	1.09	1.91	1 927	2 360	1.54	1.89	56.6	62.6	0.06	0.96
EUROPE	184 665	187 504	-0.21	0.17	77 135	78 804	-0.20	0.19	103.8	107.6	-0.23	0.32
European Union ¹	108 895	106 546	-0.70	-0.26	49 346	49 786	0.12	0.03	110.4	112.7	-0.02	0.17
United Kingdom	14 432	16 042	-0.57	0.60	5 249	5 616	-2.29	0.64	77.8	80.6	-2.77	0.36
Russia	45 341	46 970	2.32	0.67	13 866	13 686	0.06	-0.10	95.8	97.7	0.05	0.20
Ukraine	7 748	8 896	-4.55	1.50	4 071	4 764	-2.03	1.85	101.8	127.1	-0.28	2.15
AFRICA	79 489	96 595	1.40	1.78	68 830	84 061	2.36	1.79	48.7	46.5	-0.15	-0.43
Egypt	21 202	25 099	0.53	1.53	19 199	22 580	2.01	1.46	173.0	173.0	0.16	0.00
Ethiopia	7 447	9 636	4.15	2.43	6 366	8 531	5.56	2.48	51.6	53.6	2.80	0.18
Nigeria	5 459	7 014	2.76	2.47	5 096	6 544	3.29	2.46	23.3	23.4	0.78	0.21
South Africa	3 610	4 063	1.68	1.06	3 273	3 678	1.05	1.08	54.6	55.5	-0.02	0.15
ASIA	427 953	490 719	1.85	1.22	298 242	340 876	1.20	1.23	63.5	68.1	0.36	0.66
China ²	143 580	147 279	2.38	0.11	86 351	85 412	0.54	-0.15	60.6	60.7	0.22	-0.01
India	107 392	137 090	2.01	2.25	82 350	106 248	1.15	2.41	58.1	68.6	0.15	1.61
Indonesia	10 343	11 422	2.13	1.04	7 528	8 273	2.65	0.92	27.3	27.8	1.74	0.23
Iran	16 433	17 640	1.80	0.56	13 932	14 843	1.40	0.52	157.3	157.7	0.23	0.00
Japan	6 413	6 406	-0.41	0.06	4 683	4 621	-0.71	-0.14	37.8	39.7	-0.33	0.45
Kazakhstan	6 357	7 771	-1.42	1.74	2 627	3 201	1.08	1.66	135.4	147.1	-0.13	0.62
Korea	4 748	4 855	1.90	0.18	2 303	2 280	0.11	-0.08	44.5	44.8	-0.13	0.10
Malaysia	1 483	1 734	0.77	1.20	1 107	1 288	2.67	1.15	32.6	34.3	1.38	0.25
Pakistan	28 604	36 247	1.93	2.11	25 384	31 895	1.66	2.08	107.6	110.5	0.05	0.25
Philippines	6 288	8 603	3.08	2.74	3 168	3 992	3.76	2.11	27.4	29.7	2.08	0.74
Saudi Arabia	3 900	4 483	1.62	1.24	3 304	3 781	1.55	1.24	90.7	90.3	0.00	0.00
Thailand	2 822	3 397	-2.60	1.72	1 037	1 178	-0.21	1.28	14.5	16.4	-0.50	1.27
Türkiye	24 373	26 989	1.70	1.00	17 472	18 971	1.57	0.87	204.8	210.2	0.57	0.37
Viet Nam	3 977	4 792	2.85	1.88	1 640	1 873	1.90	1.23	16.7	18.0	0.99	0.75
OCEANIA	9 759	10 664	1.49	0.94	2 729	3 173	1.30	1.41	61.9	63.9	-0.29	0.34
Australia	8 351	9 008	1.48	0.80	2 023	2 287	1.21	1.13	77.3	79.2	-0.15	0.25
New Zealand	982	1 097	1.06	1.28	376	444	1.48	1.50	72.7	79.3	-0.26	0.83
DEVELOPED COUNTRIES	270 420	280 577	-0.17	0.36	129 558	134 942	0.12	0.37	90.1	92.2	-0.20	0.21
DEVELOPING COUNTRIES	511 283	590 632	1.83	1.29	377 323	436 140	1.39	1.33	58.1	60.2	0.19	0.35
LEAST DEVELOPED COUNTRIES	28 532	34 887	2.13	1.96	24 132	30 132	2.89	1.97	25.5	25.1	0.45	-0.19
OECD³	223 941	228 929	-0.19	0.17	121 276	125 649	0.38	0.33	86.2	87.3	-0.09	0.12

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.14.1 Maize projections: Production and trade*Marketing year*

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	1 214 664	1 401 747	1.60	1.19	185 403	213 012	4.62	1.79	182 647	217 669	4.16	1.75
NORTH AMERICA	387 872	434 781	0.37	0.64	4 741	4 207	6.39	1.27	48 056	65 200	-0.46	2.01
Canada	14 742	15 764	1.76	0.89	3 596	3 174	11.05	1.72	2 146	1 794	11.14	0.26
United States	373 130	419 018	0.32	0.63	1 145	1 033	-0.21	-0.01	45 910	63 406	-0.76	2.07
LATIN AMERICA	223 963	274 704	4.41	1.95	41 333	50 043	4.21	1.64	86 781	104 376	8.03	2.47
Argentina	53 333	67 176	4.50	1.15	5	4	-1.75	0.02	32 230	38 307	6.41	0.71
Brazil	125 721	156 108	6.25	2.55	2 032	1 585	10.73	-0.08	51 324	61 422	9.84	3.77
Chile	559	505	-11.06	0.80	2 523	2 900	7.27	1.36	23	20	1.11	-1.09
Colombia	1 518	1 752	-1.28	1.84	6 256	7 638	5.26	1.68	1	1	-11.90	-0.13
Mexico	26 953	29 144	0.98	0.87	17 584	21 667	5.42	1.50	288	709	-10.98	3.97
Paraguay	5 067	7 221	-1.02	2.43	35	40	20.17	1.17	2 885	3 891	1.59	1.70
Peru	1 655	1 681	0.49	0.75	3 602	5 167	2.61	3.00	11	11	2.73	-0.37
EUROPE	118 754	126 899	0.04	0.90	22 978	18 305	5.63	0.18	35 207	40 783	2.49	1.44
European Union ¹	62 124	63 271	-1.16	0.21	19 749	14 782	6.63	-0.14	5 164	4 349	3.97	-0.69
United Kingdom	0	0	..	..	2 296	2 790	1.91	1.67	0	0	..	..
Russia	13 625	17 097	0.84	2.20	51	131	0.98	6.84	3 817	6 086	-1.32	4.39
Ukraine	32 260	32 396	2.05	1.54	40	39	0.30	0.01	24 302	25 355	3.51	1.62
AFRICA	94 082	123 018	3.20	2.00	19 512	23 971	-1.31	3.60	5 276	4 611	6.76	-2.91
Egypt	7 408	7 989	-1.35	0.69	8 287	12 431	0.04	4.91	0	0	..	..
Ethiopia	10 646	12 496	4.77	1.65	0	0	..	..	933	213	2.48	-13.40
Nigeria	12 647	15 828	2.53	2.41	2	4	-46.70	8.80	1	..	0.42	-8.98
South Africa	16 932	18 820	6.45	0.54	0	0	..	..	3 648	2 742	18.42	-3.65
ASIA	389 372	441 725	1.57	1.17	96 746	116 397	6.04	1.81	7 201	2 628	9.61	-8.70
China ²	279 532	312 992	1.11	1.00	23 212	26 864	31.61	1.36	15	66	1.60	14.93
India	34 881	41 864	5.11	1.85	18	13	-5.64	-3.89	3 479	398	22.64	-19.36
Indonesia	21 738	25 401	1.01	1.60	1 120	1 530	-2.80	2.11	80	79	9.58	-0.23
Iran	825	644	-6.70	-1.02	8 964	11 767	4.22	2.29	0	0	..	..
Japan	0	0	..	..	15 291	15 664	0.38	0.21	0	0	..	..
Kazakhstan	1 031	1 133	5.11	1.19	6	5	-10.70	1.95	71	64	15.19	-9.32
Korea	87	90	1.86	0.18	11 673	11 921	2.42	0.36	0	0	..	..
Malaysia	70	72	1.53	1.59	3 672	4 730	0.06	2.45	10	8	0.06	-2.39
Pakistan	9 969	12 196	9.34	2.11	25	174	15.58	22.89	508	25	34.82	-18.85
Philippines	8 267	10 127	1.21	1.57	861	2 059	4.67	10.92	0	0	..	..
Saudi Arabia	86	96	0.81	0.35	3 433	4 467	1.10	2.49	0	0	..	..
Thailand	4 823	5 468	0.32	1.18	1 341	1 917	42.08	4.74	58	18	-29.09	-0.93
Türkiye	7 183	8 305	1.97	1.18	2 972	3 343	5.48	2.62	449	348	-1.30	-2.49
Viet Nam	4 390	4 534	-2.49	1.15	9 369	13 428	4.74	2.94	253	187	13.64	-2.74
OCEANIA	621	620	-1.71	0.75	92	88	-8.28	0.57	126	71	9.51	-1.50
Australia	419	396	-1.39	0.60	3	4	15.26	0.00	124	68	10.82	-1.57
New Zealand	187	208	-2.59	0.97	88	81	-12.16	0.32	1	4	-17.65	0.00
DEVELOPED COUNTRIES	527 324	584 559	0.47	0.70	44 917	40 490	2.84	0.45	87 109	108 861	1.17	1.59
DEVELOPING COUNTRIES	687 339	817 188	2.54	1.57	140 486	172 523	5.18	2.14	95 537	108 808	7.81	1.91
LEAST DEVELOPED COUNTRIES	45 557	65 491	2.88	2.55	4 906	5 028	9.66	3.95	2 744	2 902	0.02	-1.20
OECD³	487 108	538 688	0.19	0.61	85 183	87 184	4.04	0.85	54 146	70 738	-0.25	1.81

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.14.2 Maize projections: Consumption, feed, food
Marketing year

	CONSUMPTION (kt)		Growth (%) ⁴		FEED (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	1 219 199	1 393 345	2.09	1.17	678 106	777 098	2.33	1.22	17.9	19.6	0.44	0.86
NORTH AMERICA	346 637	372 814	1.05	0.40	134 532	147 245	1.19	0.43	16.2	15.6	0.10	-0.09
Canada	16 248	17 130	2.70	1.12	9 750	10 205	3.88	1.30	36.3	31.1	0.53	-0.18
United States	330 389	355 684	0.98	0.37	124 781	137 040	1.01	0.37	14.0	13.7	-0.10	-0.10
LATIN AMERICA	180 220	219 791	3.20	1.67	113 953	133 548	2.53	1.41	48.0	49.8	0.10	0.38
Argentina	20 996	28 778	2.39	1.78	15 560	19 900	2.11	2.05	32.6	33.4	1.86	0.20
Brazil	76 976	95 908	4.20	1.86	50 300	57 022	1.62	1.05	22.2	22.4	-0.10	0.12
Chile	3 060	3 384	1.18	1.28	2 558	2 785	1.26	1.38	19.7	20.6	-0.25	0.50
Colombia	7 773	9 383	3.70	1.70	6 161	7 544	4.36	1.80	28.5	30.6	0.28	0.75
Mexico	44 648	50 057	3.27	1.07	22 516	25 512	5.88	1.13	132.6	137.9	0.31	0.44
Paraguay	2 792	3 329	4.29	3.33	598	766	-1.38	2.87	54.1	55.0	-1.14	0.49
Peru	5 298	6 834	2.15	2.40	4 604	6 025	2.62	2.52	14.4	15.2	0.42	0.50
EUROPE	103 508	104 192	0.52	0.61	75 386	75 842	0.13	0.39	8.6	9.3	0.42	0.58
European Union ¹	77 229	73 655	0.81	0.32	55 462	52 404	0.40	-0.04	10.4	11.0	0.11	0.51
United Kingdom	2 396	2 790	4.07	1.67	1 236	1 550	6.52	2.83	8.1	9.0	3.27	0.16
Russia	9 293	11 099	1.13	1.38	7 529	9 154	1.45	1.39	1.3	1.3	0.53	0.00
Ukraine	6 162	6 950	-3.75	1.39	4 438	4 854	-4.68	1.34	11.4	15.3	1.40	2.27
AFRICA	109 323	142 261	2.25	2.47	35 428	45 764	0.77	2.79	40.6	42.4	0.24	0.29
Egypt	15 911	20 420	-0.44	3.05	10 992	14 189	-1.00	3.34	36.9	40.5	-0.49	1.07
Ethiopia	9 612	12 284	5.18	2.29	1 800	2 209	4.93	2.40	49.3	51.4	2.48	0.31
Nigeria	12 745	15 831	2.63	2.41	2 750	3 697	5.44	3.00	33.3	31.5	-0.04	0.15
South Africa	13 224	16 019	1.99	1.47	5 548	7 120	0.56	2.42	86.6	86.6	0.01	0.01
ASIA	478 927	553 652	2.81	1.30	318 388	374 257	3.60	1.47	8.5	9.0	-0.37	0.73
China ²	302 097	338 233	2.92	0.92	193 500	218 755	3.37	1.02	9.2	9.2	0.04	0.00
India	31 569	41 427	4.16	2.62	17 743	24 065	6.82	2.81	5.3	6.7	-1.94	2.71
Indonesia	22 824	26 828	0.43	1.62	12 484	15 651	5.35	2.09	26.0	26.7	-0.67	0.29
Iran	9 955	12 409	3.29	2.08	9 729	12 143	3.38	2.09	0.8	0.8	-1.15	0.56
Japan	15 227	15 675	0.51	0.08	11 706	11 721	0.60	0.13	1.0	1.0	2.59	0.59
Kazakhstan	815	1 053	2.84	2.50	654	861	3.36	2.80	0.5	0.5	-1.10	0.55
Korea	11 905	12 005	2.43	0.02	9 600	9 651	3.02	0.01	1.9	2.0	0.88	0.29
Malaysia	3 739	4 789	0.15	2.44	3 361	4 348	-0.27	2.55	5.7	6.2	7.90	0.73
Pakistan	9 570	12 312	8.56	2.39	6 283	8 309	14.54	2.46	8.4	8.6	2.08	1.05
Philippines	9 303	12 171	1.89	2.68	6 433	8 782	2.19	3.09	17.8	18.3	0.10	0.30
Saudi Arabia	3 520	4 553	1.17	2.41	3 314	4 303	1.25	2.45	0.2	0.2	-1.60	0.17
Thailand	6 139	7 365	5.71	2.00	5 754	7 007	6.26	2.08	1.1	1.1	-0.18	-0.10
Türkiye	9 639	11 301	3.31	1.73	7 426	9 066	4.79	2.08	14.6	13.9	0.44	0.02
Viet Nam	13 718	17 761	2.35	2.52	10 478	14 056	2.51	2.82	8.3	8.5	2.53	0.30
OCEANIA	584	635	-3.66	0.99	419	442	-3.67	1.43	2.0	1.8	-1.23	-1.12
Australia	298	332	-4.34	1.11	164	175	-4.39	2.43	2.8	2.4	-1.14	-1.34
New Zealand	274	285	-3.26	0.78	252	264	-3.23	0.83	1.3	1.2	-1.63	-0.66
DEVELOPED COUNTRIES	483 749	514 838	0.94	0.48	231 511	247 124	0.78	0.49	12.6	13.1	0.42	0.43
DEVELOPING COUNTRIES	735 450	878 507	2.89	1.59	446 595	529 974	3.23	1.57	19.0	20.9	0.38	0.87
LEAST DEVELOPED COUNTRIES	48 516	67 587	3.53	2.87	13 457	19 515	6.27	3.47	28.6	32.1	0.27	0.61
OECD³	521 266	554 055	1.29	0.49	253 530	270 011	1.57	0.49	22.6	23.8	0.54	0.60

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.15.1 Other coarse grains projections: Production and trade*Marketing year*

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	299 033	328 717	0.06	0.74	44 437	48 177	0.05	1.12	45 376	49 116	-1.02	1.10
NORTH AMERICA	26 303	27 703	-0.95	0.35	1 940	1 957	-0.17	0.64	9 543	9 156	-3.78	0.82
Canada	12 812	13 639	2.02	0.71	136	58	-1.39	0.37	5 769	5 455	3.32	1.41
United States	13 491	14 065	-3.35	0.02	1 804	1 899	-0.38	0.65	3 774	3 701	-10.59	-0.01
LATIN AMERICA	22 320	25 896	0.86	1.07	2 061	2 091	1.59	1.44	4 130	4 865	2.23	0.43
Argentina	8 275	9 753	0.75	1.28	1	1	0.01	0.00	3 792	4 600	1.76	0.62
Brazil	4 986	6 698	8.37	1.45	591	614	-0.19	2.14	9	12	-11.81	-0.14
Chile	675	770	-1.37	0.95	76	98	-13.84	2.23	28	8	-14.05	-2.18
Colombia	16	16	-10.45	0.32	334	360	0.47	0.73	0	0	..	..
Mexico	5 606	5 881	-3.40	0.42	805	697	10.45	0.76	15	5	18.35	0.22
Paraguay	108	108	1.16	0.00	0	0	..	..	13	16	22.94	0.00
Peru	275	299	0.27	1.03	155	195	4.71	2.05	0	0	..	..
EUROPE	132 158	134 063	-0.45	0.20	3 143	2 426	3.47	-0.09	20 287	24 041	-1.40	1.82
European Union ¹	82 714	83 013	-0.21	-0.07	2 104	1 505	3.77	-0.46	10 543	12 414	-1.17	1.86
United Kingdom	8097	7463	0.72	-0.57	198	245	-1.49	0.18	1012	1116	-3.36	0.18
Russia	26 718	28 251	-0.15	0.84	135	128	1.50	-0.86	4 527	7 005	1.27	3.28
Ukraine	8 645	8 243	-3.50	0.99	17	17	1.70	0.04	3 951	3 032	-4.56	-0.02
AFRICA	52 360	67 302	-0.04	1.79	5 152	5 132	3.24	4.37	682	472	-7.65	-10.83
Egypt	970	1 081	0.25	0.59	22	120	-13.80	6.70	0	0	..	..
Ethiopia	12 158	15 176	-0.49	2.33	0	0	-70.25	..	257	8	-8.04	-30.94
Nigeria	8 747	10 011	0.18	1.63	10	359	0.00	49.37	6	0	0.00	..
South Africa	544	600	0.63	1.16	115	164	-4.19	-0.80	10	10	-11.58	0.25
ASIA	48 787	56 236	0.83	0.86	32 018	36 425	-0.79	0.83	981	868	-2.95	-1.96
China ²	10 590	11 071	1.73	0.38	16 551	18 573	0.28	0.24	64	68	-1.01	1.03
India	17 674	20 245	0.33	1.14	69	139	15.14	0.55	149	72	-9.92	-0.81
Indonesia	0	0	..	..	73	91	-1.26	2.30	0	0	..	..
Iran	2 950	3 423	-0.78	0.94	2 821	3 703	6.15	1.95	0	0	..	..
Japan	261	244	3.48	-0.57	1 682	890	-3.42	-6.32	0	0	..	..
Kazakhstan	3 258	3 642	0.98	0.95	47	41	22.67	0.81	552	583	-2.62	-2.09
Korea	235	208	4.18	-0.01	123	113	0.68	-0.14	0	0	..	..
Malaysia	0	0	..	..	13	16	5.90	1.96	0	0	..	..
Pakistan	489	499	-0.85	0.64	142	318	4.20	7.67	0	0	..	..
Philippines	1	1	3.87	-0.13	41	56	3.51	3.28	0	0	..	..
Saudi Arabia	203	241	-0.89	0.74	4 776	5 673	-8.09	0.94	0	0	..	..
Thailand	163	184	-0.12	0.75	377	584	44.63	1.39	2	2	0.16	-0.27
Türkiye	8 441	10 156	1.99	0.65	2 051	2 262	23.15	6.64	206	137	31.14	-3.02
Viet Nam	3	3	5.44	0.00	100	100	1.87	0.01	0	0	..	..
OCEANIA	17 105	17 517	3.56	0.91	122	148	0.43	1.97	9 754	9 715	3.70	1.40
Australia	16 735	17 105	3.73	0.93	0	0	..	..	9 754	9 715	3.70	1.40
New Zealand	369	411	-1.97	0.30	37	35	2.74	-0.35	0	0	..	..
DEVELOPED COUNTRIES	181 840	186 190	-0.16	0.32	7 692	6 425	0.56	-0.53	40 146	43 503	-1.11	1.44
DEVELOPING COUNTRIES	117 192	142 527	0.41	1.33	36 745	41 751	-0.10	1.40	5 230	5 613	-0.28	-1.26
LEAST DEVELOPED COUNTRIES	24 895	33 519	0.14	1.69	1 530	1 164	9.26	13.90	390	435	-7.35	-9.55
OECD³	150 620	154 153	0.02	0.16	10 239	9 121	2.49	0.63	31 105	32 554	-0.93	1.33

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.15.2 Other coarse grain projections: Consumption, feed, food
Marketing year

	CONSUMPTION (kt)		Growth (%) ⁴		FEED (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	298 820	327 405	0.14	0.82	166 420	175 481	-0.35	0.66	9.8	10.7	-0.17	0.83
NORTH AMERICA	18 708	20 516	-0.21	0.27	10 649	12 185	0.15	0.22	7.2	7.4	0.47	0.01
Canada	7 235	8 237	0.70	0.47	6 367	7 115	0.71	0.41	9.1	11.3	-5.09	0.14
United States	11 474	12 279	-0.72	0.14	4 282	5 069	-0.50	-0.04	7.0	7.0	1.44	-0.03
LATIN AMERICA	20 217	23 110	0.47	1.23	13 639	15 597	-0.05	1.05	2.1	2.3	-1.21	0.72
Argentina	4 484	5 148	-0.41	1.91	2 472	2 604	-1.87	1.35	12.7	12.3	-1.08	-0.28
Brazil	5 517	7 298	7.04	1.44	3 972	5 437	9.04	1.31	1.7	2.3	1.65	2.13
Chile	724	860	-2.74	1.10	452	556	-4.57	1.36	3.6	3.7	0.07	0.49
Colombia	350	376	-0.51	0.72	9	11	-18.88	1.48	0.4	0.4	-12.93	0.80
Mexico	6 363	6 574	-2.58	0.49	5 283	5 463	-3.27	0.45	0.2	0.2	-0.85	-0.62
Paraguay	95	92	1.22	0.00	79	91	0.09	0.00	0.0	0.0	-2.28	0.00
Peru	430	494	1.64	1.41	30	44	20.68	2.23	5.7	6.1	-0.41	0.93
EUROPE	114 330	112 305	-0.41	0.03	82 912	79 906	-0.86	0.26	13.4	14.1	-0.25	0.40
European Union ¹	74 726	72 053	-0.18	-0.08	53 343	50 099	-0.88	0.25	10.2	10.6	0.25	0.53
United Kingdom	7 343	6 581	1.42	-0.65	4 120	3 164	2.87	-1.31	30.6	33.2	-1.24	0.15
Russia	21 147	21 419	-0.94	0.09	17 527	17 916	-1.03	0.19	13.4	12.4	-0.54	-0.79
Ukraine	4 757	5 165	-2.72	1.17	3 074	3 262	-3.40	1.15	17.7	23.0	0.00	2.22
AFRICA	57 007	71 898	0.62	2.21	7 489	8 706	-2.58	1.76	29.0	29.6	-0.75	0.33
Egypt	992	1 200	-0.34	1.06	637	763	-0.53	0.32	2.6	2.7	-1.78	1.23
Ethiopia	12 155	15 084	0.81	2.33	292	260	-9.58	1.83	80.3	81.8	-1.07	0.30
Nigeria	8 711	10 361	0.40	2.05	200	249	-11.78	3.01	36.2	33.5	-1.05	-0.22
South Africa	647	753	1.28	0.72	67	50	-8.57	1.82	2.5	2.5	-1.02	0.28
ASIA	81 023	91 631	0.31	0.87	46 445	53 474	0.39	1.12	4.8	4.8	-0.91	0.07
China ²	27 173	29 623	1.13	0.29	15 476	16 866	1.44	0.69	3.2	3.1	0.97	-0.31
India	18 031	20 312	0.60	1.14	1 510	1 901	12.30	3.44	10.6	10.5	-1.37	-0.10
Indonesia	73	91	-1.26	2.30	0	0	0.00	0.00	0.3	0.3	-2.17	1.60
Iran	5 838	7 110	2.59	1.45	5 660	6 898	2.69	1.46	0.3	0.3	-1.15	0.55
Japan	1 945	1 143	-3.30	-5.47	1 331	845	-4.11	-4.62	1.7	1.7	-1.28	0.00
Kazakhstan	2 629	3 083	1.03	1.51	1 721	2 088	1.00	1.96	2.3	2.4	-1.24	0.58
Korea	358	321	2.97	-0.06	67	67	0.09	-0.12	5.2	4.6	3.63	0.14
Malaysia	13	16	5.79	2.06	12	15	5.23	2.07	0.0	0.0	126.76	0.73
Pakistan	631	817	-0.09	2.86	191	257	-0.33	2.63	1.6	1.7	-1.43	1.28
Philippines	42	57	3.52	3.22	30	41	3.55	3.36	0.0	0.0	0.96	2.03
Saudi Arabia	5 078	5 895	-7.87	0.97	4 882	5 676	-8.09	0.97	2.3	2.3	-1.60	0.17
Thailand	538	765	17.84	1.23	168	281	29.17	1.94	1.3	1.5	-0.12	1.25
Türkiye	10 189	12 187	3.06	1.62	9 145	10 995	3.55	1.66	3.3	3.1	-1.01	0.02
Viet Nam	103	103	1.95	0.01	0	0	0.00	0.00	0.0	0.0	-7.88	0.00
OCEANIA	7 534	7 945	3.96	0.42	5 286	5 613	4.02	0.53	6.1	6.1	-0.43	-0.25
Australia	7 041	7 387	4.44	0.40	4 922	5 204	4.60	0.54	7.5	7.3	0.09	-0.76
New Zealand	406	446	-1.70	0.25	345	386	-1.94	0.33	1.4	1.3	-1.63	-0.66
DEVELOPED COUNTRIES	148 498	148 909	-0.16	0.09	104 354	103 504	-0.49	0.29	9.3	9.6	-0.27	0.17
DEVELOPING COUNTRIES	150 322	178 496	0.45	1.47	62 066	71 977	-0.08	1.22	9.9	10.9	-0.15	0.94
LEAST DEVELOPED COUNTRIES	25 937	34 268	0.74	2.40	1 589	1 903	-3.33	1.52	20.9	22.3	-0.40	0.67
OECD³	130 203	130 579	0.13	0.10	91 364	90 757	-0.20	0.33	7.5	7.8	-0.12	0.20

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.16.1 Rice projections: Production and trade
Marketing year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	526 414	586 606	0.93	0.93	54 085	65 682	2.18	2.31	53 891	64 225	2.11	2.37
NORTH AMERICA	5 992	6 818	-1.04	0.47	1 716	2 225	5.91	2.14	2 450	2 862	-3.59	0.54
Canada			..	..	457	524	2.67	1.07			..	..
United States	5 992	6 818	-1.04	0.47	1 260	1 701	7.33	2.49	2 450	2 862	-3.59	0.54
LATIN AMERICA	18 571	19 412	-0.20	0.17	4 246	5 144	1.16	1.23	3 631	3 296	2.33	-0.98
Argentina	870	760	-2.79	-0.40	2	2	-14.83	0.01	383	241	-1.92	-2.75
Brazil	7 387	6 916	-1.57	-0.49	810	1 015	6.72	1.22	1 123	897	5.56	-2.03
Chile	80	78	-3.24	0.23	185	207	5.43	0.95	0	1	-28.89	-0.11
Colombia	1 956	2 319	4.31	0.80	122	225	-8.96	1.71	2	1	141.31	-0.14
Mexico	257	300	1.10	0.99	742	845	1.28	0.73	12	10	13.82	0.00
Paraguay	705	880	2.60	0.89	1	1	-4.42	0.29	702	818	7.49	0.83
Peru	2 358	2 735	1.80	0.94	153	347	-7.30	7.07	40	26	42.82	-5.27
EUROPE	2 611	2 711	-1.36	0.73	3 837	4 140	3.18	0.56	630	992	-0.80	4.23
European Union ¹	1 527	1 447	-2.00	0.01	2 623	2 872	4.80	0.68	448	705	-0.40	3.40
United Kingdom	0	0	..	..	623	662	0.27	0.34	0	0	..	..
Russia	1 059	1 245	0.03	1.65	264	237	0.54	-0.53	171	279	-2.24	6.89
Ukraine	12	4	-25.31	2.66	91	116	2.69	1.56	1		-3.95	..
AFRICA	25 163	33 512	1.80	1.82	17 277	26 956	1.98	4.49	609	172	-4.40	-3.52
Egypt	3 627	4 194	-3.64	0.37	437	752	28.35	15.58	2	1	-55.34	-1.07
Ethiopia	164	192	9.70	0.90	492	770	8.29	4.13	0	0	..	..
Nigeria	5 189	7 208	2.48	2.57	2330	4043	-2.68	6.15	0	0	..	..
South Africa	2	2	0.00	1.73	887	971	0.79	0.33	0	0	..	..
ASIA	473 696	523 738	0.98	0.91	26 233	26 253	2.10	0.93	46 357	56 748	2.65	2.69
China ²	146 520	146 201	0.17	0.11	5 043	4 129	-3.40	0.03	2 070	1 456	24.82	-1.05
India	131 408	154 344	2.98	1.58	6	3	16.12	0.87	19 403	20 089	7.57	2.78
Indonesia	34659	39007	-1.19	0.68	1 458	487	-0.19	1.96	3	2	14.38	-0.17
Iran	2 146	2 243	4.88	-0.25	1 370	1 646	0.68	1.48	4	3	33.42	-0.12
Japan	7351	6759	-0.73	-0.40	767	739	-0.39	-0.20	82	110	-1.18	2.96
Kazakhstan	324	381	2.56	0.65	21	29	3.03	1.52	109	97	6.24	-1.49
Korea	3 777	3 496	-1.83	-0.69	407	428	0.86	-0.06	55	50	51.07	-0.39
Malaysia	1 692	1 790	-0.85	0.04	1 305	1 845	2.91	3.12	110	92	19.06	-2.97
Pakistan	8 428	9 650	2.67	0.42	11	5	-8.75	0.15	4 373	4 368	0.93	-1.48
Philippines	12 981	14 824	1.03	0.93	3 897	5 097	15.00	3.83	0	0	..	..
Saudi Arabia	0	0	..	..	1 228	1 486	-1.34	0.93	0	0	..	..
Thailand	22 228	24 835	1.23	0.83	147	163	-7.09	0.90	8 410	11 163	-4.26	1.36
Türkiye	562	552	0.78	-0.29	241	320	-2.54	1.70	23	12	-8.88	-1.35
Viet Nam	28 078	31 484	-0.43	1.09	1897	1724	15.81	-1.84	7 299	8 668	-0.24	1.87
OCEANIA	380	415	-6.53	2.05	775	964	2.75	1.98	215	155	-7.27	6.11
Australia	363	394	-7.29	2.15	211	160	2.98	-1.71	213	154	-7.38	6.24
New Zealand	0	0	..	..	53	63	2.51	1.50	0	0	..	..
DEVELOPED COUNTRIES	17 038	17 544	-0.94	0.21	7 763	8 727	3.00	0.96	3 484	4 215	-3.01	1.47
DEVELOPING COUNTRIES	509 376	569 062	1.00	0.96	46 322	56 955	2.05	2.53	50 407	60 010	2.56	2.43
LEAST DEVELOPED COUNTRIES	81 476	100 629	1.46	1.73	11 080	15 128	2.16	3.46	4 852	10 662	3.15	9.07
OECD³	21 865	22 164	-0.75	0.03	7 949	9 050	2.74	0.92	3 287	3 907	-3.16	1.22

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.16.2 Rice projections: Consumption, food
Marketing year

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	525 460	587 557	0.92	0.94	50.7	52.4	-0.17	0.11
NORTH AMERICA	5 261	6 167	2.74	0.98	12.2	13.5	2.32	0.48
Canada	457	524	2.67	1.07	11.0	11.4	1.44	0.29
United States	4 804	5 643	2.75	0.98	12.3	13.7	2.42	0.50
LATIN AMERICA	19 279	21 231	-0.11	0.77	25.0	25.0	-0.66	-0.05
Argentina	507	521	-0.94	0.91	9.7	9.7	0.15	0.40
Brazil	7 107	7 036	-1.73	0.12	28.1	24.4	-2.00	-0.94
Chile	271	284	2.93	0.83	10.9	11.3	1.35	0.56
Colombia	2 103	2 533	3.45	1.20	35.2	40.2	2.08	0.65
Mexico	987	1 135	1.04	0.80	7.2	7.7	0.17	0.18
Paraguay	61	62	-2.93	1.71	4.5	4.3	-4.12	1.33
Peru	2 533	3 051	1.32	1.61	63.8	70.7	0.14	0.74
EUROPE	5 826	5 854	1.50	0.16	7.1	7.2	1.62	0.27
European Union ¹	3 711	3 613	2.34	0.00	7.6	7.5	2.38	0.12
United Kingdom	623	662	0.27	0.34	8.1	8.4	-0.24	0.07
Russia	1 155	1 200	0.42	0.30	7.3	7.8	0.42	0.56
Ukraine	101	120	-2.30	1.76	2.2	2.8	-1.57	2.17
AFRICA	42 369	60 101	2.15	2.96	25.1	28.5	-0.07	0.79
Egypt	4 152	4 936	-1.49	1.69	33.3	34.0	-2.34	0.24
Ethiopia	779	960	10.66	3.41	5.5	5.4	7.24	1.30
Nigeria	7 529	11 247	0.78	3.74	28.8	33.7	-1.57	1.47
South Africa	927	973	0.40	0.41	14.8	14.0	-0.42	-0.50
ASIA	451 775	492 982	0.83	0.73	72.2	74.9	-0.13	0.14
China ²	150 459	149 555	0.55	0.13	70.1	69.9	-0.13	0.00
India	108 944	133 733	1.63	1.48	67.0	75.8	0.14	0.69
Indonesia	36 115	39 457	-0.98	0.70	110.6	111.7	-1.30	0.00
Iran	3 649	3 882	3.00	0.54	35.7	35.5	1.77	0.01
Japan	8 128	7 370	-0.92	-0.77	49.7	47.3	-0.98	-0.42
Kazakhstan	256	313	2.33	1.60	11.4	12.4	1.00	0.65
Korea	4 005	3 869	-1.83	-0.56	66.4	64.4	-1.04	-0.42
Malaysia	2 895	3 536	0.58	1.73	76.1	84.1	0.05	0.86
Pakistan	4 257	5 269	4.79	2.49	13.3	14.6	1.94	0.98
Philippines	16 903	19 863	3.27	1.60	117.1	121.5	0.91	0.25
Saudi Arabia	1 231	1 478	-1.42	1.24	31.2	32.7	-3.02	0.01
Thailand	13 898	13 674	0.14	0.12	98.7	98.6	0.35	-0.05
Türkiye	789	859	0.47	0.67	8.5	8.7	-0.35	0.15
Viet Nam	22 642	24 507	0.42	0.74	136.3	131.3	-1.41	-0.21
OCEANIA	951	1 222	3.11	2.01	19.0	21.5	2.49	1.11
Australia	358	400	1.47	0.41	11.6	11.1	2.35	-0.22
New Zealand	53	63	2.51	1.50	9.2	10.2	0.81	0.84
DEVELOPED COUNTRIES	21 462	22 014	0.73	0.17	12.6	12.7	0.48	-0.01
DEVELOPING COUNTRIES	503 998	565 543	0.93	0.97	59.1	60.4	-0.33	0.00
LEAST DEVELOPED COUNTRIES	87 820	104 870	1.54	1.34	71.0	69.1	-0.41	-0.65
OECD³	26 548	27 253	0.55	0.11	15.9	15.9	0.32	-0.12

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.17. Main policy assumptions for cereal markets
Marketing year

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
ARGENTINA												
Crops export tax	%	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Rice export tax	%	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
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 UNION^{2,3}												
Voluntary coupled support												
Wheat ⁴	mln EUR	99.8	113.5	113.5	113.5	117.3	117.3	117.3	117.3	117.3	117.3	117.3
Rice ⁵	mln EUR	83.1	115.7	115.7	115.8	117.1	117.1	117.1	117.1	117.1	117.1	117.1
Cereal reference price ⁶	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 ⁷	bln EUR	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
Rice reference price ⁸	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	3 447.2	3 447.2	3 447.2	3 447.2	3 447.2	3 447.2	3 447.2	3 447.2	3 447.2	3 447.2	3 447.2
Coarse grain tariff-quota ¹	kt	4 434.3	4 436.3	4 437.3	4 438.3	4 439.3	4 440.3	4 441.3	4 442.3	4 443.3	4 444.3	4 445.3
JAPAN												
Wheat tariff-quota	kt	5740.0	5740.0	5740.0	5740.0	5740.0	5740.0	5740.0	5740.0	5740.0	5740.0	5740.0
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	%	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Maize tariff-quota	kt	10 000.0	10 000.0	10 000.0	10 000.0	10 000.0	10 000.0	10 000.0	10 000.0	10 000.0	10 000.0	10 000.0
In-quota tariff	%	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Out-of-quota tariff	%	328.0	328.0	328.0	328.0	328.0	328.0	328.0	328.0	328.0	328.0	328.0
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	%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
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 ⁹	kt	408.7	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
Out-of-quota tariff	%	513.0	513.0	513.0	513.0	513.0	513.0	513.0	513.0	513.0	513.0	514.0
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 ¹⁰	%	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
UNITED STATES												
ARC participation rate												
Wheat	%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Coarse grains	%	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Wheat loan rate	USD/t	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	126.2	127.2
Maize loan rate	USD/t	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
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 C.17. Main policy assumptions for cereal markets (cont.)*Marketing year*

		Average 2021-23-est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
INDIA												
Minimum support price												
Rice	INR/t	20 007	21 628	21 628	21 975	25 842	22 756	23 312	23 816	24 309	24 807	25 315
Wheat	INR/t	21 994	22 744	22 744	23 163	29 564	24 599	25 443	26 262	27 095	27 918	28 740
Wheat tariff	%	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
Rice tariff	%	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
RUSSIA												
Wheat export tax	%	31.2	18.0	15.5	15.9	16.7	17.7	18.6	19.3	19.9	20.7	21.2
Maize export tax	%	20.9	6.5	4.1	4.6	5.6	6.6	7.5	8.3	9.1	10.0	10.6
Other coarse grains export tax	%	23.6	12.2	11.2	11.7	12.6	13.6	14.8	15.7	16.5	17.3	18.0

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated. The sources for tariffs and Tariff Rate Quotas are the national questionnaire reply, UNCTAD and WTO.

1. Year beginning 1 July.
2. Since 2015 the Basic payment scheme (BPS) holds, which shall account for 68% maximum of the national direct payment envelopes. On top of this, compulsory policy instruments have been introduced: the Green Payment (30%) and young farmer scheme (2%).
3. Refers to all current European Union member countries.
4. Mainly for durum wheat. Implemented in 6 Member States.
5. Implemented in 6 Member States.
6. 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.
7. 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.
8. Intervention is set at zero tonnes per marketing year. However, the Commission may initiate intervention if market requires.
9. Milled rice basis.
10. Applied by Brazil only.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.18.1 Soybean projections: Production and trade*Marketing year*

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	379 866	429 919	2.05	0.82	162 204	179 310	3.33	0.52	165 989	179 310	2.98	0.52
NORTH AMERICA	123 449	127 721	0.54	0.64	1 132	973	-0.55	1.36	55 687	54 982	0.05	0.65
Canada	6 429	8 605	-0.12	2.58	487	563	2.37	2.49	4 425	5 785	0.81	2.01
United States	117 020	119 116	0.58	0.51	644	410	-2.04	-0.02	51 262	49 197	-0.02	0.50
LATIN AMERICA	201 504	236 383	2.21	0.82	13 939	12 276	10.39	-1.12	105 074	117 776	4.67	0.46
Argentina	40 567	49 126	-4.60	0.98	5 334	3 407	492.27	-4.43	8 494	6 378	-5.45	-4.24
Brazil	146 778	168 561	5.44	0.74	410	410	1.62	-0.03	89 330	101 296	7.04	0.80
Chile	0	0	..	..	203	231	-1.75	0.48	2	2	0.00	-0.48
Colombia	75	84	1.00	1.08	583	775	-2.85	0.99	0	0	-53.36	..
Mexico	221	354	-8.96	3.54	6036	5973	6.11	0.61	3	1	41.55	0.00
Paraguay	8 304	11 422	-1.25	1.16	33	0	-40.52	..	4933	7017	-0.40	1.11
Peru	5	5	0.00	-0.17	433	614	1.86	1.37	0	0	..	..
EUROPE	13 692	17 313	4.94	1.41	17 173	15 116	0.42	-1.51	3 797	5 162	3.17	0.85
European Union ¹	2 648	3 552	2.76	2.09	14 110	12 569	1.00	-1.46	246	288	3.46	1.66
United Kingdom	0	0	..	..	762	788	-0.29	0.32	0	0	..	..
Russia	5 921	7 557	10.26	1.76	1 635	1 037	-3.72	-4.15	1 076	1 663	26.70	1.28
Ukraine	4 285	5 324	0.51	0.66	6	6	6.60	-0.03	2 468	3 202	-1.37	0.56
AFRICA	5 840	6 843	10.37	1.02	4 743	6 000	6.98	1.39	1 177	1 135	36.51	-0.56
Egypt	43	49	-0.06	1.02	3 333	4 120	8.40	1.53	0	0	-59.48	..
Ethiopia	123	143	6.05	1.34	17	83	27.31	2.49	68	47	6.40	-2.43
Nigeria	1 172	1 316	7.52	1.07	0	0	-77.92	..	9	1	-4.96	-12.44
South Africa	2 294	2 817	12.20	1.03	9	4	-28.50	-0.02	233	415	55.21	1.27
ASIA	35 330	41 579	4.68	1.14	125 213	144 943	3.08	0.87	245	250	-12.00	-0.24
China ²	19 173	22 734	6.08	0.88	95 670	110 037	2.82	0.84	100	100	-6.03	0.00
India	13 821	16 351	4.00	1.58	585	423	54.26	-2.70	46	51	-21.63	0.33
Indonesia	683	752	-2.23	0.78	2 610	3 156	2.13	1.29	5	5	14.26	-0.17
Iran	220	220	2.25	-0.23	2 307	2 959	3.27	0.90	37	42	-14.18	-0.89
Japan	246	254	0.23	0.26	3 476	3 083	1.47	-0.55	0	0	..	..
Kazakhstan	270	294	2.67	0.96	40	44	23.35	-0.02	0	0	4.70	..
Korea	110	112	0.55	0.23	1 309	1 332	0.30	0.00	0	0	..	..
Malaysia	0	0	..	..	917	1 108	4.22	0.92	10	9	-14.14	-0.91
Pakistan	2	2	-11.06	0.14	1 793	3 047	9.49	2.28	0	0	..	..
Philippines	1	1	0.00	-0.71	227	292	13.08	1.51	0	0	..	..
Saudi Arabia	0	0	..	..	788	875	6.56	0.77	0	0	..	..
Thailand	43	45	-2.79	0.54	3 416	4 697	4.83	1.86	3	2	-17.22	-1.74
Türkiye	138	139	-1.64	0.71	3 017	3 558	4.13	0.66	5	5	-27.03	-0.46
Viet Nam	58	59	-12.21	0.50	1944	2205	3.05	1.21	3	3	46.59	-1.09
OCEANIA	53	80	2.72	0.75	3	2	5.16	-0.01	10	4	12.98	0.00
Australia	53	80	2.72	0.75	2	1	7.93	-0.06	10	4	12.98	0.00
New Zealand	0	0	..	..	1	1	-0.01	0.02	0	0	..	..
DEVELOPED COUNTRIES	140 018	148 498	1.06	0.74	22 521	19 991	0.55	-1.15	59 727	60 564	0.32	0.67
DEVELOPING COUNTRIES	239 848	281 422	2.63	0.87	139 683	159 319	3.84	0.75	106 261	118 746	4.69	0.44
LEAST DEVELOPED COUNTRIES	2 068	2 379	9.06	1.04	2 418	3 048	12.36	1.83	818	637	59.42	-1.28
OECD³	126 945	132 302	0.56	0.68	31 706	30 475	1.92	-0.40	55 954	55 282	0.04	0.65

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.18.2 Soybean projections: Consumption, domestic crush*Marketing year*

	CONSUMPTION (kt)		Growth (%) ⁴		DOMESTIC CRUSH (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	375 695	429 477	2.26	0.85	335 814	385 267	2.30	0.88
NORTH AMERICA	67 523	73 575	1.77	0.68	62 316	67 797	2.17	0.70
Canada	2 482	3 382	-0.65	3.60	1 842	2 798	-0.42	3.96
United States	65 041	70 193	1.87	0.55	60 474	64 999	2.26	0.58
LATIN AMERICA	111 678	130 817	0.84	0.99	101 914	119 143	0.67	0.96
Argentina	36 907	46 155	-2.75	1.49	35 564	44 680	-3.00	1.53
Brazil	59 658	67 623	3.46	0.69	52 030	58 347	3.63	0.56
Chile	201	229	-1.47	0.49	201	229	-1.49	0.49
Colombia	645	859	-1.98	1.04	639	851	-1.98	1.04
Mexico	6 280	6 321	5.83	0.73	5 988	5 970	6.20	0.74
Paraguay	3 437	4 399	-2.44	1.24	3 323	4 260	-2.37	1.26
Peru	433	619	1.56	1.39	433	619	1.58	1.39
EUROPE	26 750	27 262	2.28	-0.20	23 923	24 104	2.22	-0.23
European Union ¹	16 578	15 833	1.66	-0.81	14 801	13 818	1.72	-0.92
United Kingdom	762	788	-0.29	0.32	696	694	0.00	0.03
Russia	6 243	6 931	3.92	0.72	5 830	6 458	3.65	0.72
Ukraine	1 676	2 123	2.18	1.01	1 509	1 940	2.16	1.14
AFRICA	9 256	11 701	7.52	1.39	8 129	10 238	8.38	1.28
Egypt	3 370	4 169	8.91	1.54	3 360	4 165	8.87	1.54
Ethiopia	71	179	10.18	3.34	44	151	12.56	3.57
Nigeria	1 167	1 314	7.18	1.10	1 021	1 157	14.61	0.89
South Africa	1 932	2 402	8.69	1.02	1 739	2 171	8.50	1.03
ASIA	160 442	186 044	3.35	0.96	139 490	163 915	3.44	1.04
China ²	114 877	132 461	3.14	0.88	97 309	113 393	2.98	0.97
India	14 461	16 720	4.78	1.45	12 825	15 058	6.02	1.52
Indonesia	3 212	3 901	0.73	1.20	2 670	3 328	1.95	1.32
Iran	2 453	3 136	4.20	0.86	2 439	3 116	4.14	0.87
Japan	3 654	3 336	1.29	-0.49	3 089	3 101	2.72	-0.32
Kazakhstan	307	338	3.37	0.81	173	187	4.73	0.67
Korea	1 424	1 444	-0.07	0.02	1 382	1 403	0.04	0.02
Malaysia	910	1 099	4.90	0.97	909	1 099	4.89	0.97
Pakistan	1 829	3 048	10.07	2.33	1 824	3 048	10.05	2.33
Philippines	226	292	12.63	1.54	223	292	13.13	1.55
Saudi Arabia	788	875	6.59	0.77	783	870	6.49	0.77
Thailand	3 522	4 739	5.10	1.85	3 469	4 729	5.07	1.86
Türkiye	3 143	3 689	4.55	0.80	3 080	3 650	4.47	0.80
Viet Nam	1 997	2 257	2.86	1.20	1 965	2 223	3.03	1.21
OCEANIA	47	78	2.40	0.77	41	70	2.40	0.78
Australia	45	77	2.47	0.78	41	70	2.40	0.78
New Zealand	1	1	-0.01	0.02	0	0	..	..
DEVELOPED COUNTRIES	100 920	107 778	2.00	0.42	91 984	98 210	2.31	0.44
DEVELOPING COUNTRIES	274 775	321 699	2.36	1.00	243 830	287 057	2.30	1.03
LEAST DEVELOPED COUNTRIES	3 669	4 789	8.20	1.91	2 962	3 827	9.33	1.80
OECD³	101 338	107 351	1.94	0.40	93 307	98 774	2.29	0.42

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.19.1 Other oilseed projections: Production and trade*Marketing year*

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	180 927	199 704	2.88	0.78	23 374	25 010	2.45	0.43	24 571	25 010	3.15	0.43
NORTH AMERICA	21 401	25 640	-0.42	0.99	1 025	1 007	-0.10	-0.04	7 352	8 813	-4.45	1.28
Canada	16 854	20 515	-0.75	1.07	245	227	0.43	-0.35	6 754	8 148	-4.70	1.27
United States	4 546	5 125	0.91	0.68	780	781	-0.23	0.05	599	666	-1.09	1.46
LATIN AMERICA	7 422	7 584	4.05	0.63	1 518	1 561	-1.76	0.57	1 015	1 218	2.66	1.17
Argentina	5 421	5 333	4.18	0.40	1	1	0.00	0.00	466	551	-3.85	0.98
Brazil	624	702	4.25	1.77	4	2	-6.07	0.00	186	216	11.92	1.18
Chile	200	209	-0.71	0.81	34	31	11.66	-1.85	9	10	-0.85	1.60
Colombia	2	2	0.01	1.04	7	8	0.02	0.31	0	0	..	..
Mexico	98	98	-2.29	0.78	1444	1495	-1.98	0.66	3	3	-0.14	0.00
Paraguay	144	167	-5.79	0.89	0	0	..	..	27	33	-0.92	1.37
Peru	6	7	0.00	0.46	1	1	0.00	2.79	0	0	..	..
EUROPE	70 979	78 283	2.58	0.66	9 623	8 309	9.96	-0.68	8 038	8 653	11.30	0.97
European Union ¹	28 714	30 374	-0.28	0.18	8 021	6 510	9.11	-1.23	1 005	812	-0.40	0.28
United Kingdom	1243	1414	-8.60	0.14	952	1 193	22.46	3.19	87	104	-17.83	-5.28
Russia	20 053	23 455	8.46	1.12	250	247	2.40	-0.87	1 721	1 912	35.98	0.31
Ukraine	18 623	20 480	3.58	0.90	32	34	0.24	-0.08	4 718	5 304	15.30	1.46
AFRICA	9 841	11 153	1.00	1.24	385	477	-2.43	1.63	529	473	9.92	-1.08
Egypt	127	138	1.65	1.02	52	62	-4.14	0.44	22	17	3.89	-0.44
Ethiopia	124	138	3.20	0.99	0	0	..	..	32	38	85.50	0.75
Nigeria	2 357	2 797	0.87	1.47	0	0	..	..	14	..	-10.11	-55.29
South Africa	1 005	1 044	1.11	0.83	10	8	-22.04	-1.30	10	12	4.87	1.59
ASIA	64 111	71 280	4.14	0.98	10 798	13 629	-0.88	1.17	1893	1534	0.95	-0.25
China ²	36 718	40 571	3.41	0.82	4 172	6 453	-2.23	2.26	649	631	1.02	0.00
India	19 505	22 300	6.52	1.34	193	180	-7.90	-0.56	712	435	5.79	-0.57
Indonesia	462	516	-5.97	1.11	269	274	3.35	-0.15	1	1	-0.17	0.01
Iran	399	411	5.70	0.28	153	140	-0.48	0.13	1	1	0.03	-0.01
Japan	23	25	0.19	0.66	2 121	2 067	-2.01	-0.47	0	0	..	..
Kazakhstan	1 260	1 409	6.54	0.59	10	7	2.79	-0.11	365	323	6.17	-0.27
Korea	14	14	-3.56	-0.23	30	31	2.83	0.11	0	0	..	..
Malaysia	5	5	0.00	-0.05	44	46	0.00	0.55	3	3	0.02	-0.54
Pakistan	987	1 075	4.36	0.78	881	1 248	-2.81	1.19	0	0	..	..
Philippines	20	21	0.00	0.90	97	106	5.86	1.02	0	0	..	..
Saudi Arabia	3	3	0.00	0.29	4	4	0.02	0.92	0	0	..	..
Thailand	90	88	-0.05	0.09	58	65	2.85	0.76	4	3	0.31	-0.54
Türkiye	1 933	1 927	2.05	0.95	881	883	1.05	-0.19	24	7	-10.51	0.04
Viet Nam	309	337	-1.14	0.93	189	200	1.93	0.57	35	33	-1.42	-0.57
OCEANIA	7 173	5 765	10.01	-1.26	26	26	-0.57	0.02	5 743	4 318	11.95	-1.76
Australia	7 160	5 752	10.03	-1.27	22	22	-0.68	0.00	5 743	4 318	11.95	-1.76
New Zealand	10	10	0.00	-0.03	4	4	0.01	0.07	0	0	..	..
DEVELOPED COUNTRIES	102 007	112 321	2.27	0.63	13 067	11 727	5.79	-0.56	21 538	22 145	3.29	0.47
DEVELOPING COUNTRIES	78 920	87 384	3.71	0.99	10 308	13 283	-0.81	1.40	3 033	2 865	2.19	0.18
LEAST DEVELOPED COUNTRIES	6 863	7 777	1.41	1.24	256	278	4.60	1.12	429	398	12.31	-0.75
OECD³	60 962	65 633	0.29	0.37	14 682	13 400	4.45	-0.40	14 239	14 082	-0.13	0.13

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.19.2 Other oilseed projections: Consumption, domestic crush*Marketing year*

	CONSUMPTION (kt)		Growth (%) ⁴		DOMESTIC CRUSH (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	179 423	199 683	2.80	0.80	151 444	169 646	2.78	0.84
NORTH AMERICA	15 233	17 837	2.41	0.90	12 877	15 344	2.49	1.00
Canada	10 456	12 597	2.93	1.08	10 068	12 225	3.14	1.11
United States	4 777	5 240	1.31	0.49	2 809	3 119	0.37	0.60
LATIN AMERICA	7 845	7 926	3.12	0.53	7 334	7 329	3.25	0.47
Argentina	4 877	4 783	5.90	0.34	4 682	4 548	5.87	0.30
Brazil	440	488	2.13	2.03	358	378	1.95	1.78
Chile	225	231	0.55	0.37	206	211	0.67	0.38
Colombia	9	10	0.02	0.48	8	8	0.02	0.47
Mexico	1 539	1 590	-1.97	0.67	1 452	1 502	-1.65	0.66
Paraguay	118	135	-6.65	0.77	92	105	-7.38	0.70
Peru	7	7	0.00	0.68	3	3	0.00	0.41
EUROPE	72 151	77 930	2.68	0.49	67 757	73 383	2.89	0.51
European Union ¹	35 588	36 072	1.42	-0.06	33 086	33 537	1.47	-0.05
United Kingdom	2 108	2 503	-1.19	1.84	2 023	2 410	-1.23	1.88
Russia	18 282	21 781	6.96	1.17	17 327	20 646	7.16	1.15
Ukraine	13 981	15 209	1.56	0.71	13 405	14 709	2.25	0.74
AFRICA	9 661	11 153	0.55	1.36	5 747	6 172	0.48	0.71
Egypt	157	184	-0.61	0.95	105	123	-0.87	0.78
Ethiopia	93	100	-0.45	1.09	60	58	-0.28	0.39
Nigeria	2 315	2 794	0.84	1.52	810	856	0.84	0.19
South Africa	1 008	1 041	0.74	0.75	903	924	0.66	0.73
ASIA	73 143	83 364	3.27	1.03	56 462	66 071	2.88	1.25
China ²	40 154	46 393	2.67	1.02	27 663	33 633	1.52	1.42
India	19 140	22 037	6.26	1.36	16 835	19 561	6.59	1.43
Indonesia	732	788	-3.46	0.64	301	333	1.86	0.78
Iran	547	551	4.01	0.22	506	508	3.87	0.20
Japan	2 183	2 092	-1.74	-0.46	2 165	2 074	-1.76	-0.46
Kazakhstan	877	1 091	6.85	0.81	687	861	6.78	0.78
Korea	44	44	0.52	0.01	40	40	0.53	0.01
Malaysia	46	49	0.00	0.55	45	47	0.00	0.54
Pakistan	1 871	2 322	0.21	1.02	1 716	2 141	0.01	0.96
Philippines	116	127	4.72	1.00	103	113	5.49	0.96
Saudi Arabia	7	7	0.00	0.67	5	5	0.00	0.46
Thailand	144	150	0.97	0.38	88	94	1.71	0.61
Türkiye	2 814	2 803	2.00	0.59	2 599	2 580	2.05	0.60
Viet Nam	463	504	0.27	0.88	354	390	0.58	1.02
OCEANIA	1 389	1 473	4.06	0.38	1 268	1 346	4.31	0.40
Australia	1 373	1 456	4.12	0.38	1 256	1 334	4.36	0.41
New Zealand	14	14	-0.01	0.00	11	11	-0.01	0.00
DEVELOPED COUNTRIES	93 230	101 895	2.53	0.55	86 002	94 316	2.70	0.57
DEVELOPING COUNTRIES	86 193	97 788	3.08	1.07	65 442	75 330	2.89	1.19
LEAST DEVELOPED COUNTRIES	6 697	7 656	1.07	1.35	4 613	5 050	1.10	0.94
OECD³	61 415	64 954	1.40	0.31	55 987	59 331	1.42	0.33

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.20.1 Protein meal projections: Production and trade*Marketing year*

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	369 633	420 258	2.13	0.85	92 695	102 417	1.29	0.85	91 718	102 417	0.19	0.85
NORTH AMERICA	58 178	64 746	1.80	0.79	4 981	4 962	1.10	-0.49	18 425	21 913	2.25	1.83
Canada	7 161	9 137	2.46	1.72	1 190	1 046	4.72	-1.09	5 377	6 492	3.52	1.22
United States	51 018	55 609	1.71	0.64	3 791	3 916	0.17	-0.32	13 048	15 421	1.79	2.10
LATIN AMERICA	85 730	99 649	0.73	0.97	10 714	12 700	1.87	1.65	47 478	55 457	-1.72	1.03
Argentina	29 962	37 012	-2.71	1.46	0	0	..	..	25 651	32 059	-3.47	1.52
Brazil	42 537	47 913	3.59	0.65	5	5	8.03	0.00	17 976	19 528	1.35	0.53
Chile	276	301	-0.82	0.45	1 191	1 394	0.94	1.55	1	1	0.00	-0.15
Colombia	689	871	-0.85	0.93	1 905	2 146	5.81	1.51	193	188	6.28	-1.49
Mexico	5 792	5 791	4.39	0.66	1825	2289	-2.26	1.61	22	22	0.50	0.00
Paraguay	2 630	3 355	-2.70	1.25	6	5	-0.70	0.06	1533	1877	-6.55	1.11
Peru	364	511	1.29	1.35	1550	2002	3.97	2.51	5	5	0.00	-0.56
EUROPE	50 943	53 348	2.35	0.19	26 899	25 402	-0.87	-0.87	11 238	11 892	4.03	0.80
European Union ¹	29 684	29 170	1.35	-0.38	21 948	20 411	-0.79	-1.11	2 482	2 293	3.33	1.67
United Kingdom	1685	1840	0.10	1.37	2 731	2 636	-1.79	-0.11	533	688	16.81	2.75
Russia	10 538	12 200	5.68	0.97	307	219	-2.82	-3.02	3 358	3 896	7.77	0.56
Ukraine	7 171	8 111	2.27	0.82	25	25	-4.01	-0.05	4 354	4 530	1.04	0.53
AFRICA	11 395	13 560	5.12	1.11	3 445	3 953	-6.69	2.60	879	511	5.42	-5.50
Egypt	2 773	3 422	8.35	1.49	375	181	-16.78	4.17	5	5	2.98	-0.35
Ethiopia	126	221	4.95	2.52	20	2	19.29	6.59	0	0	..	..
Nigeria	1 694	1 907	8.00	0.84	30	68	-29.28	13.41	301	67	7.77	-14.18
South Africa	1 818	2 173	6.21	0.97	528	610	-4.98	3.62	62	48	13.17	-2.43
ASIA	162 145	187 619	2.80	0.99	43 445	52 174	3.81	1.68	13615	12559	1.84	-1.01
China ²	94 693	108 911	2.58	0.88	5 651	6 594	27.37	0.07	717	818	-10.00	0.56
India	24 333	29 033	4.19	1.64	633	553	7.39	1.65	2935	2414	9.54	-1.62
Indonesia	8504	9674	3.26	0.83	5 669	6 322	4.49	0.85	5703	5423	3.76	-0.85
Iran	2 283	2 815	4.25	0.77	1 845	1 942	1.46	1.50	5	5	-26.86	-0.13
Japan	3709	3679	1.08	-0.37	1 828	1 696	-0.28	-0.97	4	1	-20.48	0.00
Kazakhstan	515	611	5.89	0.78	83	89	45.79	1.18	234	225	13.74	-1.17
Korea	1 194	1 210	-0.02	0.02	3 288	3 409	-0.53	0.17	20	30	-22.42	0.00
Malaysia	3 245	3 567	0.39	0.72	1 505	1 712	1.27	0.88	2247	2098	-1.61	-0.87
Pakistan	3 469	4 818	-0.13	1.57	501	916	-6.57	7.47	68	56	-9.50	-2.55
Philippines	1 199	1 365	3.90	0.83	3 236	4 416	2.68	3.45	416	303	2.64	-3.33
Saudi Arabia	621	689	6.47	0.77	1 445	1 788	2.88	2.56	20	22	12.66	-1.63
Thailand	3 284	4 309	5.24	1.67	3 822	4 854	2.35	2.10	12	12	7.07	-0.21
Türkiye	4 544	5 023	2.99	0.75	2 382	3 354	3.64	2.92	214	177	10.33	-2.54
Viet Nam	1 793	2 020	2.90	1.16	5967	8150	1.97	3.13	53	51	-2.57	-1.82
OCEANIA	1 242	1 336	2.17	0.34	3210	3225	1.02	-0.08	82	85	-1.28	0.03
Australia	1 106	1 188	2.35	0.30	964	1158	3.10	1.25	25	25	-4.64	0.00
New Zealand	8	8	-0.11	0.00	2236	2057	0.20	-0.76	0	0	..	..
DEVELOPED COUNTRIES	117 971	127 613	2.04	0.50	38 508	37 291	-0.36	-0.58	29 997	34 110	2.93	1.43
DEVELOPING COUNTRIES	251 662	292 646	2.17	1.01	54 187	65 126	2.63	1.77	61 722	68 308	-0.96	0.57
LEAST DEVELOPED COUNTRIES	5 788	6 747	4.12	1.35	1 586	1 862	10.11	3.05	407	300	4.18	-3.47
OECD³	107 864	114 926	1.74	0.43	46 980	47 466	-0.02	-0.19	22 025	25 442	2.55	1.76

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.20.2 Protein meal projections: Consumption*Marketing year*

	CONSUMPTION (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33
WORLD	370 038	420 077	2.43	0.86
NORTH AMERICA	44 731	47 795	1.56	0.22
Canada	2 961	3 691	1.53	1.71
United States	41 770	44 104	1.56	0.10
LATIN AMERICA	49 022	56 828	3.89	1.08
Argentina	4 279	4 952	1.76	1.25
Brazil	24 550	28 339	5.55	0.72
Chile	1 462	1 693	0.27	1.36
Colombia	2 393	2 826	3.56	1.59
Mexico	7 593	8 058	2.41	0.92
Paraguay	1 180	1 482	7.87	1.45
Peru	1 898	2 505	3.62	2.28
EUROPE	66 549	66 850	0.71	-0.33
European Union ¹	49 231	47 288	0.30	-0.79
United Kingdom	3 884	3 788	-2.39	0.10
Russia	7 404	8 523	4.04	1.04
Ukraine	2 789	3 598	4.31	1.27
AFRICA	13 931	16 993	0.91	1.75
Egypt	3 135	3 593	0.39	1.63
Ethiopia	146	223	6.10	2.51
Nigeria	1 417	1 906	3.62	2.50
South Africa	2 271	2 733	2.60	1.59
ASIA	191 460	227 135	3.08	1.28
China ²	99 195	114 660	3.43	0.83
India	21 943	27 150	3.97	2.00
Indonesia	8 525	10 567	3.45	1.84
Iran	4 152	4 751	2.74	1.06
Japan	5 574	5 374	0.74	-0.56
Kazakhstan	364	474	5.11	1.96
Korea	4 455	4 589	-0.22	0.13
Malaysia	2 487	3 179	3.03	2.04
Pakistan	3 893	5 673	-0.88	2.41
Philippines	4 005	5 470	2.94	3.26
Saudi Arabia	2 044	2 455	4.21	2.07
Thailand	7 074	9 146	3.53	1.91
Türkiye	6 701	8 193	2.97	1.74
Viet Nam	7 667	10 112	2.11	2.75
OCEANIA	4 346	4 477	1.34	0.04
Australia	2 021	2 322	2.97	0.77
New Zealand	2244	2064	0.05	-0.75
DEVELOPED COUNTRIES	126 429	130 782	1.07	-0.04
DEVELOPING COUNTRIES	243 609	289 295	3.19	1.29
LEAST DEVELOPED COUNTRIES	6 960	8 304	5.27	1.94
OECD³	132 886	136 939	0.98	-0.01

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.21.1 Vegetable oil projections: Production and trade*Marketing year*

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	224 710	250 594	2.61	0.77	84 848	88 572	1.43	0.27	83 684	88 572	1.12	0.27
NORTH AMERICA	18 754	21 097	2.22	0.84	6 153	6 959	4.96	0.07	3 594	4 278	-1.55	1.57
Canada	4 667	5 767	2.58	1.33	451	371	7.95	-2.68	3 013	3 859	1.16	1.32
United States	14 087	15 330	2.10	0.66	5 702	6 588	4.76	0.25	581	419	-12.18	4.24
LATIN AMERICA	28 895	33 157	1.64	1.00	4 916	5 263	1.11	0.70	10 655	12 143	-0.33	0.65
Argentina	8 512	10 054	-1.42	1.29	17	17	0.00	0.01	5 775	7 264	-0.38	1.29
Brazil	11 338	12 983	3.92	0.86	702	822	5.73	0.73	1 274	1 140	-3.38	-1.10
Chile	115	122	-0.07	0.42	531	556	3.92	0.68	1	1	0.00	-0.10
Colombia	2 097	2 328	4.03	0.64	602	660	-1.58	1.51	615	541	1.07	-1.49
Mexico	2 174	2 257	2.97	0.86	1010	1058	1.30	0.64	72	63	1.60	0.00
Paraguay	642	816	-2.66	1.22	13	12	0.00	-0.78	452	528	-4.84	0.79
Peru	301	346	2.93	0.80	603	735	3.52	2.02	1	0	0.08	-0.17
EUROPE	32 712	34 958	2.92	0.37	13 560	10 948	0.45	-1.99	14 193	16 020	5.18	0.61
European Union ¹	16 827	16 817	1.65	-0.20	10 228	7 561	0.36	-2.84	2 483	2 466	0.96	-1.47
United Kingdom	1018	1238	0.81	1.68	998	1 036	-0.39	0.13	213	303	-3.39	4.46
Russia	7 617	8 923	7.06	1.00	1 057	1 038	0.36	0.17	5 467	6 666	12.92	1.27
Ukraine	6 265	6 908	2.18	0.76	276	257	0.27	-0.71	5 467	6 006	2.08	0.72
AFRICA	9 520	10 663	3.43	0.91	11 125	13 398	0.39	1.86	1 532	1 289	1.93	-1.66
Egypt	687	840	7.36	1.41	1 765	1 848	-1.11	1.10	117	117	-6.62	-1.09
Ethiopia	63	88	3.28	1.95	643	798	3.42	2.01	0	0	..	..
Nigeria	2 484	2 812	6.03	0.95	1083	1621	-3.79	3.64	32	32	-8.82	-0.78
South Africa	656	719	3.70	0.90	830	938	0.14	0.91	22	26	-8.64	-0.60
ASIA	133 192	148 937	2.74	0.80	48 735	51 623	1.59	0.41	52 642	53 706	0.64	0.05
China ²	29 191	33 547	2.34	0.86	8 999	7 091	1.76	-2.50	220	236	-4.54	0.00
India	11 879	14 114	3.80	1.60	15 717	17 520	0.58	1.04	218	215	17.72	-0.33
Indonesia	54 159	59 883	4.32	0.66	126	131	4.32	0.01	30 116	30 546	0.76	0.04
Iran	674	794	4.12	0.64	1 456	1 533	2.57	0.83	18	11	-19.85	-0.43
Japan	1461	1395	-0.67	-0.41	810	794	0.26	-0.49	6	2	10.86	0.00
Kazakhstan	369	447	6.48	0.79	108	121	3.29	1.35	101	86	12.10	-1.33
Korea	296	299	-0.02	0.02	1 294	1 258	4.57	-0.46	3	3	2.37	0.00
Malaysia	20 771	22 329	-0.44	0.65	1 877	1 686	3.57	-0.44	17 004	18 006	-0.85	0.44
Pakistan	1 554	2 020	-1.97	1.25	3 331	4 010	1.68	1.21	17	19	-20.36	-0.22
Philippines	2 006	2 229	2.82	0.70	1 245	1 347	2.80	1.39	1 118	964	3.20	-1.37
Saudi Arabia	143	159	6.35	0.77	901	1 037	4.92	1.29	36	32	-5.45	-1.27
Thailand	4 365	4 809	5.72	0.80	320	527	3.98	3.12	1 145	759	23.32	-3.03
Türkiye	2 058	2 168	2.38	0.70	2 068	2 257	4.10	0.43	981	999	7.54	-0.43
Viet Nam	720	802	2.76	1.01	1223	1473	4.48	1.39	137	113	0.33	-1.37
OCEANIA	1 638	1 783	3.95	0.53	359	382	1.59	0.50	1 068	1 136	3.60	0.32
Australia	617	657	3.14	0.34	246	270	2.24	0.75	198	191	2.39	0.00
New Zealand	5	5	-0.30	0.00	85	85	0.80	0.00	0	0	..	..
DEVELOPED COUNTRIES	55 357	60 136	2.52	0.53	22 339	20 820	1.69	-0.98	18 139	20 624	3.46	0.78
DEVELOPING COUNTRIES	169 354	190 458	2.64	0.85	62 509	67 752	1.33	0.69	65 546	67 948	0.54	0.12
LEAST DEVELOPED COUNTRIES	4 176	4 618	1.97	0.99	6 921	8 444	0.48	2.03	568	442	4.32	-2.42
OECD³	45 721	48 708	1.96	0.42	24 899	23 464	2.07	-0.85	8 298	8 976	0.24	0.25

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.21.2 Vegetable oil projections: Consumption, food
Marketing year

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	224 950	250 525	2.69	0.76	15.9	15.8	0.76	-0.21
NORTH AMERICA	21 337	23 753	3.97	0.43	40.9	36.4	1.37	-0.70
Canada	2 044	2 281	6.91	0.61	45.6	42.9	6.37	-0.89
United States	19 294	21 472	3.70	0.41	40.3	35.6	0.87	-0.68
LATIN AMERICA	23 184	26 272	2.53	1.10	19.4	19.8	1.49	0.06
Argentina	2 756	2 807	-3.55	1.28	19.4	21.6	1.05	0.89
Brazil	10 750	12 665	5.23	1.05	27.7	28.2	2.63	-0.24
Chile	662	677	3.35	0.62	8.3	8.5	0.42	0.46
Colombia	2 088	2 445	3.18	1.41	14.6	15.9	1.31	0.60
Mexico	3 112	3 252	2.55	0.81	23.0	22.5	1.66	0.19
Paraguay	206	299	3.70	1.90	26.8	33.8	3.96	0.95
Peru	910	1 081	3.38	1.61	9.5	10.2	1.15	0.73
EUROPE	31 655	29 920	0.83	-0.68	21.5	21.3	0.66	-0.66
European Union ¹	24 187	21 949	0.92	-1.06	22.8	21.5	1.07	-1.31
United Kingdom	1 804	1 971	0.72	0.49	25.7	27.2	0.26	0.20
Russia	3 212	3 291	-1.18	0.23	20.7	21.7	-1.49	0.48
Ukraine	1 036	1 159	3.29	0.58	11.0	13.5	5.34	1.01
AFRICA	19 084	22 766	1.57	1.63	7.7	7.5	-1.40	-0.12
Egypt	2 306	2 570	0.66	1.30	5.3	5.3	-2.19	0.41
Ethiopia	705	886	3.40	2.00	3.4	3.5	1.07	0.31
Nigeria	3 521	4 399	2.17	1.88	10.2	10.5	-0.58	0.05
South Africa	1 461	1 631	1.92	0.93	15.9	16.4	-1.58	0.24
ASIA	128 769	146 786	3.19	0.94	15.0	15.8	1.20	0.26
China ²	38 016	40 377	2.02	0.19	25.2	27.1	1.79	0.33
India	27 105	31 405	1.75	1.27	10.0	11.3	0.80	1.00
Indonesia	23 996	29 462	11.07	1.36	10.7	11.6	6.14	0.41
Iran	2 190	2 316	4.11	0.75	12.5	12.8	4.06	0.45
Japan	2 226	2 188	-0.27	-0.44	17.3	18.1	0.08	0.14
Kazakhstan	378	483	4.29	1.34	16.0	18.3	3.85	0.46
Korea	1 595	1 554	3.72	-0.34	17.4	17.2	4.26	-0.05
Malaysia	5 548	5 999	2.48	0.78	9.3	10.0	1.89	0.68
Pakistan	4 884	6 009	0.64	1.24	6.7	7.2	-2.43	0.31
Philippines	2 141	2 609	2.40	1.95	12.4	12.7	1.83	0.71
Saudi Arabia	1 008	1 163	6.04	1.27	20.8	21.4	4.61	0.21
Thailand	3 574	4 575	3.43	1.87	10.2	10.9	2.11	0.61
Türkiye	3 113	3 424	2.02	0.93	14.3	14.4	-1.53	0.33
Viet Nam	1 803	2 161	4.26	1.39	4.8	5.4	3.70	0.90
OCEANIA	920	1 028	3.09	0.61	18.2	18.2	0.80	-0.48
Australia	658	737	2.87	0.44	25.1	25.5	1.50	-0.44
New Zealand	90	90	0.74	0.00	16.3	15.0	-0.98	-0.69
DEVELOPED COUNTRIES	59 113	60 341	1.91	-0.12	25.3	24.4	0.91	-0.51
DEVELOPING COUNTRIES	165 836	190 184	2.98	1.05	13.8	14.1	0.84	0.01
LEAST DEVELOPED COUNTRIES	10 513	12 617	0.88	1.81	6.6	6.5	-1.77	0.07
OECD³	61 908	63 206	2.23	-0.07	26.2	24.9	1.18	-0.55

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.22. Main policy assumptions for oilseed markets
Marketing year

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
ARGENTINA												
Export tax												
Soybean	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Other oilseeds	%	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Soybean meal	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Soybean oil	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
CANADA												
Tariffs												
Palm oil	%	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
EUROPEAN UNION^{1,2}												
Voluntary coupled support												
Soybean	mln EUR	47.6	58.0	58.5	59.5	61.4	61.4	61.4	61.4	61.4	61.4	61.4
Tariffs												
Soybean oil	%	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Rapeseed oil	%	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
KOREA												
Soybean tariff-quota	kt	1 200	1 200	1 200	1 200	1 200	1 200	1 200	1 200	1 200	1 200	1 200
In-quota tariff	%	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Out-of-quota tariff	%	487.0	487.0	487.0	487.0	487.0	487.0	487.0	487.0	487.0	487.0	487.0
Soybean (for food) mark up	'000 KRW/t	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
MEXICO												
Tariffs												
Soybean	%	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
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	%	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
UNITED STATES												
ARC participation rate												
Soybean	%	50.8	50.5	50.8	52.3	52.5	52.2	50.7	50.5	50.5	50.5	50.5
Soybean loan rate	USD/t	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8
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	%	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Soybean oil	%	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
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	7 998	7 998	7 998	7 998	7 998	7 998	7 998	7 998	7 998	7 998
INDIA												
Soybean tariff	%	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
Rapeseed tariff	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Soybean meal tariff	%	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Soybean oil tariff	%	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
INDONESIA												
Protein meal tariff	%	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
PAKISTAN												
Protein meal tariff	%	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
VIET NAM												
Protein meal tariff	%	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated. The sources for tariffs and Tariff Rate Quotas are the national questionnaire reply, UNCTAD and WTO.

1. Since 2015 the Basic payment scheme (BPS) holds, which shall account for 68% maximum of the national direct payment envelopes. On top of this, compulsory policy instruments have been introduced: the Green Payment (30%) and young farmer scheme (2%).

2. Refers to all current European Union member countries.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.23.1 Sugar projections: Production and trade
Marketing year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	177 728	202 099	0.69	1.07	62 923	73 128	0.86	1.39	66 549	76 688	0.64	1.32
NORTH AMERICA	7 871	8 595	0.65	0.70	4 351	3 974	0.36	0.08	204	204	7.35	0.00
Canada	110	114	1.73	0.30	1 280	1 207	1.18	1.17	124	71	18.06	0.00
United States	7 760	8 482	0.63	0.71	3 071	2 767	0.05	-0.35	80	133	-1.08	0.00
LATIN AMERICA	58 635	66 688	0.69	0.98	2 503	2 528	1.74	0.44	35 864	42 746	1.16	1.24
Argentina	1 640	1 856	-2.17	1.66	8	0	96.09	..	202	454	-3.06	8.90
Brazil	39 994	46 498	1.95	0.98	1	0	-61.45	..	29 727	36 237	2.31	1.21
Chile	108	135	-9.84	1.23	620	615	3.54	-0.74	0	0	..	..
Colombia	2 113	2 322	-1.02	0.83	235	172	10.15	-1.68	616	619	-1.32	1.71
Mexico	5 445	6 051	-1.81	1.72	225	108	26.71	-0.63	1403	1633	-2.57	5.36
Paraguay	151	124	-0.62	-4.55	88	102	100.14	5.10	89	69	1.91	-4.85
Peru	1 196	1 242	1.21	-0.02	262	396	-2.64	3.51	99	84	0.05	-3.39
EUROPE	25 241	26 215	0.15	0.01	3 625	2 131	-7.19	-2.72	2 136	2 912	-7.18	3.67
European Union ¹	15 340	15 320	0.11	-0.35	2 089	1 085	-7.25	-3.98	857	985	-13.20	1.69
United Kingdom	898	904	-3.21	-0.02	688	554	-4.55	-0.37	52	39	-21.15	-3.21
Russia	6 309	6 426	0.41	0.21	176	30	-21.23	-0.25	579	865	46.51	5.04
Ukraine	1 514	2 163	-2.76	1.39	2	0	-55.57	..	331	609	-1.46	7.47
AFRICA	10 823	13 597	1.02	1.16	15 270	19 929	2.02	3.00	5 205	4 684	1.85	-0.56
Egypt	2 507	3 588	1.46	1.29	1 014	914	-4.46	3.07	231	199	4.59	-2.98
Ethiopia	367	319	-0.50	-0.78	431	826	21.33	5.21	35	48	144.06	0.08
Nigeria	31	19	11.80	-0.88	1750	2861	2.96	4.31	0	0	..	..
South Africa	2 022	2 127	3.30	0.73	348	346	-5.25	-1.05	564	698	13.28	1.06
ASIA	70 667	82 446	1.05	1.59	36 844	44 210	1.64	1.15	19920	22748	1.18	1.95
China ²	9 361	10 660	-0.72	1.40	6 013	7 379	2.56	1.09	106	90	-1.06	0.00
India	33 342	38 156	3.40	1.89	1 203	1 230	-6.81	-3.20	7925	7319	15.10	3.30
Indonesia	2258	2324	-0.41	0.90	5 569	7 270	4.57	1.69	150	0	-4.99	..
Iran	1 356	1 475	-1.97	0.16	1 035	1 168	12.08	1.41	6	0	-71.25	..
Japan	658	591	-1.62	0.08	1 251	1 204	0.13	-0.88	4	4	15.48	0.00
Kazakhstan	33	0	20.48	..	493	677	0.58	1.51	0	0	-51.28	..
Korea	0	0	..	..	1 954	1 966	0.68	-0.01	295	355	-0.44	0.46
Malaysia	0	0	-62.47	..	2 088	2 423	0.92	0.83	212	160	0.00	-0.82
Pakistan	7 126	7 596	2.87	1.30	309	755	44.33	2.42	852	940	3.77	-2.37
Philippines	1 836	1 831	-2.78	1.12	275	541	623.51	2.28	0	0	-81.04	..
Saudi Arabia	0	0	..	..	1 814	2 032	4.36	0.70	577	469	12.98	-0.69
Thailand	9 971	14 389	-2.50	1.87	0	0	..	..	7010	11464	-2.80	2.30
Türkiye	2 758	3 453	3.44	0.85	323	297	4.20	-0.31	166	181	43.84	0.29
Viet Nam	804	814	-8.29	0.38	1568	2228	25.64	2.05	132	158	9.02	-2.01
OCEANIA	4 492	4 559	-1.54	0.10	330	356	-1.10	0.25	3 220	3 393	-3.04	-0.51
Australia	4 299	4 347	-1.50	0.07	19	20	-16.62	0.00	3 074	3 277	-2.97	-0.49
New Zealand	0	0	..	..	237	232	-0.20	-0.15	20	20	-0.72	0.00
DEVELOPED COUNTRIES	40 255	42 060	0.17	0.20	12 591	10 942	-2.58	-0.41	6 311	7 300	-3.82	1.13
DEVELOPING COUNTRIES	137 473	160 039	0.85	1.31	50 331	62 186	1.90	1.74	60 237	69 388	1.25	1.34
LEAST DEVELOPED COUNTRIES	3 927	5 138	1.03	1.80	9 705	12 746	-0.18	3.86	2 615	2 088	-8.00	0.93
OECD³	39 700	41 971	-0.30	0.38	12 733	11 022	-1.40	-0.62	6 699	7 324	-4.35	1.15

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated. Sugar data are expressed on a tel quel basis.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.23.2 Sugar projections: Consumption, food
Marketing year

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	174 327	198 285	0.71	1.21	20.7	21.5	-0.35	0.38
NORTH AMERICA	11 966	12 357	0.56	0.41	30.4	29.7	-0.01	-0.10
Canada	1 217	1 248	0.46	0.19	29.0	27.7	0.06	-0.58
United States	10 749	11 109	0.57	0.44	30.6	30.0	-0.01	-0.05
LATIN AMERICA	24 954	26 542	-0.68	0.56	34.9	34.3	-1.63	-0.09
Argentina	1 401	1 413	-1.92	0.07	29.0	27.4	-2.78	-0.51
Brazil	9 961	10 391	-1.28	0.28	41.1	40.1	-2.25	-0.21
Chile	748	751	-0.36	0.09	36.7	35.8	-1.54	-0.18
Colombia	1 771	1 874	0.38	0.44	32.8	32.7	-0.94	-0.12
Mexico	4 241	4 515	-0.64	0.45	31.5	31.2	-1.52	-0.19
Paraguay	143	158	1.20	0.84	20.0	19.6	-0.12	-0.13
Peru	1 380	1 545	1.38	1.19	38.8	39.3	-0.05	0.28
EUROPE	26 522	25 476	-0.49	-0.36	34.2	33.3	-0.58	-0.24
European Union ¹	16 449	15 453	-0.44	-0.52	35.2	33.5	-0.66	-0.39
United Kingdom	1 484	1 419	-1.70	-0.06	21.1	19.5	-2.11	-0.34
Russia	5 813	5 599	0.46	-0.38	38.6	38.3	0.40	-0.10
Ukraine	1 278	1 551	-3.55	0.52	30.5	39.3	-1.81	0.78
AFRICA	21 099	28 715	1.70	2.99	14.1	15.1	-0.82	0.78
Egypt	3 370	4 244	-0.12	2.30	28.9	30.9	-1.99	0.84
Ethiopia	715	1 075	5.79	3.84	5.4	6.3	2.99	1.50
Nigeria	1 761	2 871	2.93	4.72	7.6	9.6	0.34	2.44
South Africa	1 689	1 754	-1.71	0.43	26.4	24.7	-2.92	-0.47
ASIA	88 315	103 677	1.32	1.46	17.7	19.5	0.47	0.90
China ²	15 680	17 961	0.08	1.31	10.0	11.6	-0.22	1.49
India	27 561	32 018	1.29	1.35	18.5	19.7	0.21	0.55
Indonesia	7 712	9 590	2.61	1.84	26.7	30.8	1.64	1.16
Iran	2 430	2 639	-0.26	0.91	26.4	26.9	-1.41	0.39
Japan	1 909	1 791	-1.47	-0.57	14.9	14.9	-1.11	0.00
Kazakhstan	526	672	1.15	1.99	26.0	29.6	-0.06	0.95
Korea	1 627	1 618	0.73	-0.09	29.8	30.2	0.47	0.10
Malaysia	1 936	2 249	1.61	1.13	54.5	57.3	0.36	0.25
Pakistan	6 000	7 417	2.72	1.98	24.3	24.6	1.03	0.18
Philippines	2 025	2 362	-0.89	1.52	16.7	16.7	-2.63	0.17
Saudi Arabia	1 274	1 553	1.10	1.72	33.2	35.4	-0.49	0.50
Thailand	2 747	2 920	-0.66	0.35	33.1	34.0	-1.05	0.18
Türkiye	3 071	3 539	4.46	1.39	34.0	37.0	3.35	0.88
Viet Nam	2 311	2 877	6.27	1.98	22.3	26.2	5.29	1.50
OCEANIA	1 472	1 517	0.69	0.49	29.9	27.8	-0.71	-0.54
Australia	1 119	1 093	0.68	0.10	37.6	33.9	-0.41	-0.75
New Zealand	215	212	-0.35	-0.16	40.0	36.5	-2.06	-0.80
DEVELOPED COUNTRIES	45 989	45 711	-0.20	-0.01	30.6	29.8	-0.53	-0.18
DEVELOPING COUNTRIES	128 338	152 574	1.05	1.61	18.5	19.8	-0.17	0.65
LEAST DEVELOPED COUNTRIES	10 996	15 738	2.85	3.60	11.1	12.5	0.47	1.43
OECD³	45 533	45 662	0.07	0.09	30.9	30.3	-0.42	-0.12

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated. Sugar data are expressed on a tel quel basis.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.24 Main policy assumptions for sugar markets
Marketing year

		Average 2021-23-est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
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
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	1954.0	1954.0	1954.0	1954.0	1954.0	1954.0	1954.0	1954.0	1954.0	1954.0	1954.0
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
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 UNION²												
Voluntary coupled support												
Sugarbeet ³	mln EUR	172.7	170.4	170.5	170.2	164.8	164.8	164.8	164.8	164.8	164.8	164.8
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	420.0	421.0
INDIA												
Tariff, sugar	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
RUSSIA												
Minimum tariff, raw sugar	USD/t	140.0	140.0	140.0	171.0	171.0	171.0	171.0	171.0	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	435.4	435.4	435.4	435.4	435.4	435.4	435.4	435.4	435.4	435.4	435.4
Loan rate, white sugar	USD/t	531.1	531.1	531.1	531.1	531.1	531.1	531.1	531.1	531.1	531.1	531.1
TRQ, raw sugar	kt rse	1521.1	1504.4	1507.8	1511.2	1514.6	1518.0	1521.4	1524.8	1528.2	1531.5	1534.9
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
VIET NAM												
Tariff, sugar	%	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated. The sources for tariffs and Tariff Rate Quotas are the national questionnaire reply, UNCTAD and WTO.

1. Refers to mainland only.
2. Refers to all current European Union member countries.
3. Implemented in 11 Member States.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). [dx.doi.org/10.1787/agr-outl-data-en](https://doi.org/10.1787/agr-outl-data-en)

Table C.25.1 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 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	350 754	391 467	1.40	1.03	41 008	43 588	3.20	0.80	42 172	43 588	2.47	0.80
NORTH AMERICA	52 949	56 424	1.80	0.82	3 690	3 758	1.00	-0.24	10 783	11 137	2.44	0.80
Canada	5 329	5 638	1.88	0.56	692	768	0.18	0.57	2 679	2 642	2.32	0.23
United States	47 620	50 786	1.79	0.85	2 998	2 991	1.19	-0.44	8 104	8 495	2.48	0.99
LATIN AMERICA	57 394	65 501	1.81	1.25	5 638	5 994	3.77	0.64	12 187	13 066	4.54	1.22
Argentina	6 206	6 794	2.40	0.83	49	43	2.90	0.11	1 014	1 299	13.52	1.86
Brazil	29 189	31 759	1.65	0.82	106	118	2.16	-0.01	8 433	8 821	3.85	1.16
Chile	1 542	1 849	0.94	1.95	702	628	7.26	-0.11	462	525	6.18	1.51
Colombia	3 082	3 876	2.59	1.91	251	243	7.72	1.51	118	143	19.52	1.10
Mexico	7 603	8 860	2.86	1.36	2569	2705	4.21	0.41	797	876	4.18	1.17
Paraguay	683	882	2.64	3.10	32	33	11.01	-1.16	437	564	2.44	3.05
Peru	2 190	2 837	2.93	2.46	123	171	11.54	1.76	1	1	-24.58	-0.12
EUROPE	63 429	63 393	0.84	0.08	4 620	4 295	-3.06	-0.68	9 315	8 856	2.69	0.43
European Union ¹	43 128	41 466	0.31	-0.22	1 383	1 490	-1.59	-0.12	6 886	6 456	1.94	0.37
United Kingdom	4144	4382	1.32	0.59	1 569	1 480	-1.53	-0.37	697	629	-1.22	0.66
Russia	11 105	11 868	3.06	0.43	610	341	-11.65	-4.48	605	615	20.52	0.00
Ukraine	2 157	2 407	-0.41	1.23	259	219	1.03	-0.52	491	492	10.13	0.59
AFRICA	19 437	24 011	1.93	2.36	3 498	5 373	1.41	4.47	610	511	-0.96	-1.36
Egypt	2 565	3 070	2.85	3.59	304	377	-5.14	4.55	7	7	0.20	-0.72
Ethiopia	796	952	2.59	2.34	1	1	-5.46	..	19	21	-11.49	2.39
Nigeria	1 246	1 675	0.73	3.00	51	116	0.50	9.75	0	0	..	..
South Africa	3 341	4 122	0.96	2.14	563	486	-1.14	-1.56	170	201	-1.50	2.21
ASIA	151 014	174 709	1.33	1.22	23 033	23 490	5.64	0.58	6006	6367	1.38	0.78
China ²	92 114	98 545	0.87	0.44	7 938	6 583	19.74	-0.59	1085	840	-1.41	-0.69
India	9 241	12 381	1.28	2.62	2	2	5.30	0.28	1382	1343	-3.91	-0.58
Indonesia	4770	6308	6.58	2.30	491	539	8.47	1.44	21	16	-2.55	-3.15
Iran	2 598	3 104	-1.42	1.71	129	67	-1.71	-4.21	56	64	-14.95	1.53
Japan	3487	3467	0.91	0.03	3 149	3 096	1.88	-0.20	18	20	5.47	0.10
Kazakhstan	1 066	1 351	4.03	2.03	328	338	2.94	1.01	55	59	22.73	-1.05
Korea	2 746	2 840	2.13	0.24	1 524	1 631	4.49	0.23	74	51	13.60	-2.28
Malaysia	1 990	2 625	0.21	2.45	521	690	5.24	1.08	242	251	6.13	-0.20
Pakistan	5 103	6 760	6.13	2.53	5	5	-1.40	0.54	92	67	7.02	-1.91
Philippines	2 872	4 151	-1.70	3.43	1 079	1 441	12.08	2.87	9	7	-6.74	-0.75
Saudi Arabia	1 033	1 336	8.35	2.44	976	1 102	-3.70	0.78	78	80	1.06	-0.49
Thailand	3 036	3 897	0.62	2.23	39	35	-4.87	-1.09	1551	2034	6.18	2.16
Türkiye	4 451	5 561	4.88	2.02	187	137	2.01	-3.56	797	1063	5.54	3.63
Viet Nam	5 266	8 069	4.80	3.55	781	969	-5.07	3.20	27	28	-7.10	-0.38
OCEANIA	6 531	7 429	-0.02	0.75	529	678	0.67	1.65	3 272	3 651	-1.62	0.61
Australia	4 910	5 770	-0.30	0.83	301	385	-1.31	1.02	2 110	2 525	-2.96	0.80
New Zealand	1 474	1 480	0.87	0.32	88	98	2.69	1.25	1159	1124	1.35	0.22
DEVELOPED COUNTRIES	133 956	140 154	1.22	0.54	13 466	13 350	-0.28	-0.22	23 690	23 998	1.90	0.63
DEVELOPING COUNTRIES	216 797	251 313	1.50	1.31	27 542	30 239	5.31	1.29	18 482	19 591	3.23	1.01
LEAST DEVELOPED	10 464	13 520	0.25	2.53	1 596	2 879	2.54	5.86	288	183	1.70	-4.12
OECD³	131 118	137 774	1.31	0.57	15 785	16 065	1.73	0.00	23 927	24 572	1.80	0.78

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand. Average 2021-23est: Data for 2023 are estimated

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

4. Gross indigenous production.

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

6. Excludes trade of live animals

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.25.2 Meat projections: Consumption, food
Calendar year

	CONSUMPTION (kt cwe)		Growth (%) ⁴		FOOD (kg rwe/cap) ⁵		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	349 561	391 455	1.47	1.03	28.1	28.6	0.33	0.15
NORTH AMERICA	45 862	49 033	1.61	0.74	78.5	79.2	0.94	0.21
Canada	3 337	3 761	1.21	0.79	55.7	57.4	0.07	-0.04
United States	42 525	45 271	1.64	0.74	81.0	81.7	1.02	0.24
LATIN AMERICA	50 846	58 429	1.43	1.19	48.5	51.8	0.56	0.53
Argentina	5 241	5 538	0.98	0.60	73.5	73.0	0.27	0.03
Brazil	20 863	23 056	0.87	0.68	61.4	64.6	0.17	0.24
Chile	1 781	1 952	1.72	1.36	59.0	62.7	0.47	1.07
Colombia	3 215	3 977	2.56	1.91	39.0	45.5	1.24	1.36
Mexico	9 375	10 689	3.10	1.12	46.4	49.2	2.26	0.49
Paraguay	278	352	3.72	2.69	26.8	30.1	2.61	1.62
Peru	2 312	3 007	3.29	2.42	40.9	48.0	1.77	1.46
EUROPE	58 744	58 833	0.21	-0.03	51.4	52.1	0.13	0.09
European Union ¹	37 634	36 501	-0.04	-0.32	54.7	53.5	-0.27	-0.20
United Kingdom	5 016	5 232	0.71	0.30	47.9	48.2	0.17	-0.03
Russia	11 110	11 595	1.05	0.27	50.2	54.2	1.11	0.57
Ukraine	1 926	2 134	-1.94	1.20	31.2	36.8	-0.13	1.49
AFRICA	22 325	28 873	1.93	2.80	9.7	9.8	-0.65	0.53
Egypt	2 863	3 440	1.65	3.70	14.7	15.0	-0.56	2.18
Ethiopia	778	931	3.35	2.34	3.6	3.3	0.22	0.03
Nigeria	1 297	1 791	0.72	3.32	3.5	3.7	-1.92	1.05
South Africa	3 734	4 408	0.72	1.66	38.8	41.4	-0.33	0.72
ASIA	167 980	191 832	1.84	1.15	22.9	24.4	0.83	0.52
China ²	98 967	104 288	1.77	0.38	45.8	49.0	1.24	0.52
India	7 861	11 040	2.46	3.09	2.7	3.5	1.16	2.23
Indonesia	5 241	6 831	6.80	2.25	10.3	12.5	6.04	1.55
Iran	2 672	3 107	-0.86	1.54	17.9	19.6	-2.06	1.01
Japan	6 588	6 549	1.34	-0.09	35.0	37.1	1.71	0.50
Kazakhstan	1 339	1 630	3.35	1.94	44.3	48.1	2.02	0.89
Korea	4 190	4 420	2.70	0.25	54.1	58.0	2.43	0.41
Malaysia	2 270	3 064	0.72	2.37	40.9	49.9	-0.52	1.45
Pakistan	5 016	6 698	6.11	2.58	13.0	14.2	4.52	0.74
Philippines	3 924	5 581	0.75	3.30	21.7	26.5	-1.20	1.90
Saudi Arabia	1 930	2 358	1.11	1.73	31.5	33.5	-0.48	0.49
Thailand	1 516	1 895	-3.55	2.28	13.7	17.2	-3.78	2.29
Türkiye	3 840	4 635	4.52	1.47	27.0	30.8	3.63	0.96
Viet Nam	6 020	9 010	3.12	3.53	40.5	57.3	1.88	3.05
OCEANIA	3 804	4 456	1.63	0.99	55.6	57.7	-0.01	-0.11
Australia	3 101	3 630	1.72	0.87	76.5	81.0	0.32	-0.05
New Zealand	420	455	0.37	0.78	52.0	51.9	-1.39	0.10
DEVELOPED COUNTRIES	123 736	129 500	0.92	0.44	55.7	57.1	0.57	0.26
DEVELOPING COUNTRIES	225 825	261 955	1.77	1.33	22.0	22.9	0.44	0.30
LEAST DEVELOPED COUNTRIES	11 771	16 216	0.49	3.16	7.9	8.5	-1.89	0.95
OECD³	122 972	129 262	1.27	0.46	56.4	57.7	0.75	0.23

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand. Average 2021-23est: Data for 2023 are estimated

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

5. Per capita consumption is expressed in edible retail weight equivalent basis. Carcass weight equivalent to edible retail weight conversion factor is 0.67 for beef and veal, 0.73 for pigmeat, 0.6 for poultry meat and 0.66 for sheepmeat.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.26.1 Beef and veal projections: Production and trade*Calendar year*

	PRODUCTION (kt cwe)		Growth (%) ⁵		IMPORTS (kt cwe) ⁶		Growth (%) ⁵		EXPORTS (kt cwe) ⁶		Growth (%) ⁵	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	73 562	81 224	1.03	1.11	13 177	14 553	2.83	0.94	13 484	14 553	2.14	0.94
NORTH AMERICA	13 856	14 378	2.00	1.43	2 238	2 158	0.49	-0.96	2 338	2 445	3.44	1.39
Canada	1 592	1 672	2.20	0.43	242	259	-0.32	0.45	835	843	3.14	0.22
United States	12 264	12 706	1.97	1.57	1 996	1 899	0.60	-1.14	1 503	1 602	3.62	2.07
LATIN AMERICA	18 058	19 638	0.41	0.87	952	905	1.46	0.40	5 526	6 324	6.64	1.56
Argentina	3 119	3 247	2.24	0.45	7	7	0.00	-0.23	790	1 035	21.13	1.85
Brazil	8 698	9 241	-0.54	0.54	79	85	1.50	0.00	2 788	3 191	6.03	1.73
Chile	200	235	-1.39	1.91	372	366	5.92	0.92	30	30	16.81	-0.76
Colombia	793	931	-0.92	1.52	9	14	10.71	6.47	112	137	21.05	1.15
Mexico	2 175	2 390	2.32	0.92	180	120	4.49	-0.68	567	648	3.15	1.34
Paraguay	552	713	2.20	3.28	10	11	18.06	-3.18	422	550	2.09	3.30
Peru	192	234	-0.20	1.87	9	10	5.63	2.80	0	0	..	..
EUROPE	10 466	9 948	-0.16	-0.29	1 129	1 046	-4.14	-0.19	1 264	1 199	1.65	0.04
European Union ¹	6 954	6 445	-0.09	-0.57	328	379	-0.50	0.64	735	687	0.70	-0.33
United Kingdom	912	914	0.43	0.14	300	286	-1.76	-0.62	137	110	0.36	-1.27
Russia	1 625	1 610	0.02	0.03	315	207	-10.06	-0.67	103	97	27.73	0.00
Ukraine	276	218	-5.20	-0.52	9	10	16.48	-1.14	37	28	-1.87	1.23
AFRICA	6 715	8 017	0.34	1.99	749	1 043	-2.75	4.15	291	246	-0.96	-1.22
Egypt	468	606	-6.77	2.76	258	261	-3.93	3.63	5	5	38.44	-0.09
Ethiopia	434	483	0.84	1.91	0	0	..	..	3	3	-22.57	-1.03
Nigeria	293	370	-0.67	2.30	43	79	-0.87	7.30	0	0	..	..
South Africa	909	1 033	-1.25	1.95	121	108	4.55	-1.85	68	80	-0.36	3.25
ASIA	21 413	25 862	2.26	1.58	8 066	9 354	6.12	1.30	1837	1815	-2.21	-0.36
China ²	7 197	8 150	2.25	0.90	3 293	4 004	29.46	1.30	65	68	-2.01	0.05
India	4 327	5 160	0.65	1.43	0	0	..	..	1363	1326	-3.83	-0.57
Indonesia	308	446	-3.31	3.52	482	524	8.97	1.40	1	1	5.96	-0.16
Iran	357	450	0.13	1.76	51	38	-11.72	-2.75	6	5	-5.52	0.76
Japan	510	492	0.81	-0.17	831	770	1.79	-0.50	12	13	32.59	0.00
Kazakhstan	556	699	4.20	1.96	60	54	1.31	-0.16	24	28	28.92	0.06
Korea	332	370	0.84	0.26	595	657	6.09	0.82	5	4	-2.75	0.00
Malaysia	29	36	7.13	2.54	261	335	1.51	1.54	19	21	5.10	-1.56
Pakistan	2 453	3 292	4.76	2.49	2	2	8.37	0.06	72	53	7.53	-1.81
Philippines	180	216	-6.50	2.03	212	261	4.56	2.95	4	4	2.19	-1.29
Saudi Arabia	21	29	-6.42	2.97	217	266	3.66	1.40	13	12	-4.11	-1.40
Thailand	187	223	-0.26	2.06	33	27	-3.51	-1.61	82	94	-0.02	1.32
Türkiye	1 465	1 811	8.59	1.69	101	61	8.97	-5.17	38	71	12.13	6.08
Viet Nam	262	366	4.40	3.33	353	569	-14.29	4.54	1	1	-1.86	-0.40
OCEANIA	3 053	3 381	-1.51	0.21	43	47	1.98	0.75	2 228	2 524	-2.47	0.66
Australia	2 276	2 622	-2.51	0.15	22	22	7.05	0.00	1 507	1 836	-4.39	0.75
New Zealand	765	744	2.17	0.36	8	8	-4.95	-0.02	718	686	3.17	0.43
DEVELOPED COUNTRIES	30 979	31 955	0.75	0.77	4 739	4 593	-0.15	-0.41	5 942	6 298	0.51	0.84
DEVELOPING COUNTRIES	42 583	49 270	1.23	1.34	8 438	9 960	4.89	1.62	7 542	8 255	3.59	1.01
LEAST DEVELOPED COUNTRIES	4 027	5 014	2.72	2.16	195	338	-3.44	5.51	148	92	4.71	-4.48
OECD³	30 558	31 673	1.15	0.76	5 256	5 150	1.74	-0.30	6 203	6 671	0.76	0.89

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand. Average 2021-23est: Data for 2023 are estimated

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

4. Gross indigenous production.

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

6. Excludes trade of live animals

Source: OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.26.2 Beef and veal projections: Consumption, food*Calendar year*

	CONSUMPTION (kt cwe)		Growth (%) ⁴		FOOD (kg rwe/cap) ⁵		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	73 270	81 231	1.13	1.11	5.9	6.0	0.06	0.26
NORTH AMERICA	13 769	14 091	1.55	1.04	24.2	23.4	0.90	0.52
Canada	998	1 087	0.88	0.61	17.1	17.1	-0.18	-0.17
United States	12 771	13 004	1.60	1.07	25.0	24.2	1.00	0.59
LATIN AMERICA	13 484	14 219	-1.43	0.55	13.4	13.1	-2.27	-0.10
Argentina	2 336	2 219	-0.93	-0.15	33.8	30.1	-1.65	-0.70
Brazil	5 989	6 135	-2.74	-0.04	18.3	17.8	-3.40	-0.48
Chile	543	571	2.29	1.41	18.3	18.7	1.00	1.13
Colombia	691	808	-2.43	1.65	8.8	9.7	-3.72	1.10
Mexico	1 788	1 862	2.28	0.67	9.1	8.8	1.43	0.05
Paraguay	140	173	3.32	2.68	13.6	14.8	2.02	1.60
Peru	201	244	0.03	1.91	3.9	4.2	-1.41	0.97
EUROPE	10 334	9 794	-0.87	-0.31	9.0	8.7	-0.91	-0.18
European Union ¹	6 549	6 138	-0.18	-0.51	9.4	8.9	-0.32	-0.38
United Kingdom	1 075	1 090	-0.21	0.09	10.5	10.3	-0.68	-0.19
Russia	1 837	1 720	-3.05	-0.05	8.4	8.1	-3.06	0.25
Ukraine	248	200	-5.20	-0.77	4.1	3.5	-3.48	-0.47
AFRICA	7 173	8 815	0.02	2.33	3.2	3.1	-2.44	0.09
Egypt	721	861	-5.94	3.03	4.0	4.1	-7.69	1.55
Ethiopia	432	480	1.69	1.93	2.0	1.7	-1.40	-0.36
Nigeria	336	450	-0.70	3.03	0.9	0.9	-3.32	0.77
South Africa	962	1 061	-0.74	1.41	10.6	10.6	-1.78	0.48
ASIA	27 627	33 409	3.65	1.61	3.7	4.2	2.77	1.02
China ²	10 426	12 085	6.68	1.03	4.7	5.5	6.31	1.18
India	2 963	3 834	3.48	2.22	1.1	1.3	2.18	1.42
Indonesia	789	969	2.80	2.32	1.7	1.9	2.31	1.62
Iran	402	483	-2.24	1.33	2.9	3.3	-3.37	0.80
Japan	1 314	1 257	1.15	-0.41	7.0	7.2	1.55	0.17
Kazakhstan	593	726	3.41	1.86	20.2	22.0	2.18	0.82
Korea	922	1 023	3.46	0.62	11.7	13.3	3.23	0.80
Malaysia	271	349	1.57	1.86	5.2	6.1	0.29	0.96
Pakistan	2 382	3 241	4.69	2.58	6.5	7.2	3.19	0.74
Philippines	388	474	-1.88	2.55	2.2	2.3	-3.54	1.19
Saudi Arabia	226	284	3.07	1.68	4.0	4.4	1.44	0.44
Thailand	138	156	-1.29	1.76	1.2	1.4	-1.68	1.75
Türkiye	1 528	1 802	7.92	1.23	11.3	12.6	6.82	0.73
Viet Nam	613	934	-9.40	4.05	4.1	5.9	-10.21	3.55
OCEANIA	883	904	1.26	-0.91	13.3	12.1	-0.32	-1.95
Australia	791	807	1.84	-1.08	20.0	18.5	0.49	-1.94
New Zealand	70	66	-3.91	-0.29	8.9	7.8	-5.56	-0.95
DEVELOPED COUNTRIES	29 791	30 257	0.65	0.58	13.6	13.6	0.34	0.42
DEVELOPING COUNTRIES	43 479	50 974	1.46	1.45	4.3	4.5	0.21	0.45
LEAST DEVELOPED COUNTRIES	4 074	5 259	2.27	2.51	2.8	2.8	-0.16	0.34
OECD³	29 625	30 159	1.32	0.54	13.8	13.7	0.86	0.34

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand. Average 2021-23est: Data for 2023 are estimated

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

5. Per capita consumption is expressed in edible retail weight equivalent basis. Carcass weight equivalent to edible retail weight conversion factors is 0.67 for beef and veal.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.27.1 Pig 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 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	121 830	131 058	0.26	0.52	11 360	10 702	4.66	0.29	11 429	10 702	3.56	0.29
NORTH AMERICA	14 338	15 182	1.81	0.36	1 000	1 100	1.78	1.03	4 756	4 833	3.66	0.58
Canada	2 226	2 189	1.60	-0.02	252	280	2.39	0.49	1 708	1 641	2.58	0.10
United States	12 112	12 993	1.85	0.42	748	820	1.52	1.23	3 049	3 192	4.30	0.84
LATIN AMERICA	9 598	11 244	3.90	1.35	2 158	2 359	7.35	0.61	1 627	1 422	8.27	-0.19
Argentina	730	904	6.23	1.27	33	30	9.01	0.37	18	9	8.99	-0.37
Brazil	5 128	5 550	5.13	0.71	19	24	5.68	-0.05	1 103	821	9.26	-1.26
Chile	582	750	1.77	2.48	163	130	16.25	-2.18	255	339	7.19	2.23
Colombia	506	695	7.76	2.47	153	147	10.69	0.81	0	0	..	..
Mexico	1 531	1 816	2.32	1.38	1299	1445	6.34	0.74	226	227	7.35	0.72
Paraguay	68	95	9.45	2.89	6	6	9.95	-0.64	5	8	7.88	0.65
Peru	181	228	3.43	2.15	12	20	3.07	3.32	0	0	..	..
EUROPE	29 545	28 428	0.54	-0.12	1 130	961	-4.61	-1.15	4 450	3 795	3.04	-0.07
European Union ¹	22 277	20 497	-0.21	-0.40	106	84	-4.10	-1.15	4 062	3 447	3.28	-0.17
United Kingdom	950	985	1.37	0.87	662	545	-1.82	-1.88	198	159	-1.36	2.36
Russia	4 489	4 873	5.31	0.38	46	42	-28.26	0.70	107	107	16.16	0.00
Ukraine	679	811	-1.45	1.55	49	25	17.03	-2.26	7	5	-10.68	0.12
AFRICA	2 024	2 539	3.23	2.16	321	622	1.09	7.32	31	39	-0.03	1.87
Egypt	1	1	8.97	0.99	2	3	27.80	4.41	0	0	..	..
Ethiopia	2	3	1.51	2.89	0	0	..	..	0	0	..	..
Nigeria	307	414	2.02	3.05	6	30	32.28	20.38	0	0	..	..
South Africa	346	446	5.57	1.79	29	16	-2.31	-2.48	25	34	-0.54	2.48
ASIA	65 726	72 983	-0.77	0.64	6 386	5 191	7.55	-0.40	531	571	-2.95	1.50
China ²	55 452	59 523	-0.74	0.27	2 854	1 596	15.70	-1.92	271	268	-7.98	-0.08
India	317	335	-1.86	0.61	1	1	7.02	0.00	1	1	20.36	0.00
Indonesia	280	356	-2.62	2.30	6	9	4.62	4.31	17	13	-2.70	-3.73
Iran	0	0	..	..	0	0	..	..	0	0	-21.27	..
Japan	1299	1286	0.33	-0.08	1 362	1 380	1.85	0.06	2	4	11.39	0.51
Kazakhstan	84	105	-1.93	1.95	48	58	4.60	2.06	0	0	-21.67	..
Korea	1 408	1 371	2.01	-0.21	670	728	2.27	0.23	10	3	18.81	-7.15
Malaysia	228	293	0.90	2.61	47	80	9.42	1.04	14	14	16.38	-0.03
Pakistan	0	0	..	..	0	0	..	..	0	0	..	..
Philippines	1 217	1 859	-4.56	4.03	419	393	18.07	-0.22	2	2	-2.23	0.02
Saudi Arabia	0	3	..	24.96	21	24	9.93	0.00	3	3	2.46	0.00
Thailand	904	1 193	-1.02	3.04	1	1	-17.07	0.46	117	171	8.04	7.72
Türkiye	0	0	..	..	27	26	12.34	0.00	27	26	12.34	0.00
Viet Nam	2 835	4 453	1.22	3.66	159	85	52.28	2.85	21	23	-7.76	-0.41
OCEANIA	597	681	2.17	1.04	364	468	-0.62	1.37	33	41	1.56	0.70
Australia	452	523	2.70	1.13	279	363	-1.78	1.09	32	40	1.11	0.76
New Zealand	45	44	-0.44	-0.22	75	85	4.30	1.46	1	1	16.96	-0.04
DEVELOPED COUNTRIES	46 171	46 099	0.95	0.08	3 983	4 043	-0.57	0.17	9 273	8 712	3.37	0.30
DEVELOPING COUNTRIES	75 659	84 959	-0.19	0.77	7 377	6 659	8.71	0.36	2 155	1 989	4.37	0.27
LEAST DEVELOPED COUNTRIES	1 766	2 323	-2.32	2.81	231	477	3.33	7.53	17	18	42.35	-0.06
OECD³	43 765	43 501	0.76	0.08	5 818	6 058	2.37	0.24	9 577	9 085	3.57	0.37

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand. Average 2021-23est: Data for 2023 are estimated

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

4. Gross indigenous production.

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

6. Excludes trade of live animals

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.27.2 Pig meat projections: Consumption, food*Calendar year*

	CONSUMPTION (kt cwe)		Growth (%) ⁴		FOOD (kg rwe/cap) ⁵		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	121 717	131 045	0.33	0.52	10.8	10.6	-0.70	-0.31
NORTH AMERICA	10 577	11 441	1.05	0.33	20.3	20.7	0.41	-0.19
Canada	767	827	-0.08	-0.11	14.3	14.2	-1.13	-0.88
United States	9 810	10 613	1.14	0.36	21.0	21.5	0.55	-0.12
LATIN AMERICA	10 130	12 181	3.92	1.39	10.9	12.2	3.05	0.74
Argentina	745	924	6.18	1.26	11.7	13.7	5.41	0.69
Brazil	4 044	4 753	4.21	1.09	13.5	15.0	3.50	0.65
Chile	490	540	2.12	1.29	18.0	19.3	0.83	1.01
Colombia	659	843	8.36	2.16	9.1	11.0	6.92	1.60
Mexico	2 605	3 034	3.72	1.12	14.5	15.7	2.86	0.49
Paraguay	69	93	9.52	2.84	7.2	8.6	8.15	1.76
Peru	193	248	3.42	2.24	4.0	4.7	1.94	1.30
EUROPE	26 226	25 594	-0.12	-0.17	24.9	24.7	-0.14	-0.03
European Union ¹	18 321	17 135	-0.90	-0.45	28.7	27.2	-1.05	-0.32
United Kingdom	1 415	1 371	0.14	-0.46	15.1	14.1	-0.34	-0.73
Russia	4 429	4 808	3.23	0.39	22.0	24.7	3.23	0.69
Ukraine	721	831	-0.75	1.42	13.0	15.9	1.05	1.73
AFRICA	2 314	3 122	2.97	3.01	1.1	1.2	0.43	0.75
Egypt	3	4	21.76	3.48	0.0	0.0	19.50	1.99
Ethiopia	2	3	-0.09	3.11	0.0	0.0	-3.13	0.79
Nigeria	314	445	2.26	3.62	0.9	1.0	-0.44	1.34
South Africa	350	429	5.25	1.54	4.2	4.6	4.15	0.62
ASIA	71 542	77 598	-0.15	0.56	10.7	10.9	-0.98	-0.01
China ²	58 035	60 852	-0.15	0.20	28.6	30.4	-0.50	0.35
India	317	336	-1.88	0.61	0.1	0.1	-3.11	0.00
Indonesia	269	353	-2.52	2.64	0.6	0.8	-2.99	1.94
Iran	0	0	..	..	0.0	0.0	21.45	0.00
Japan	2 643	2 661	1.03	-0.01	15.4	16.5	1.43	0.57
Kazakhstan	131	163	0.17	1.99	4.9	5.4	-1.02	0.95
Korea	2 061	2 096	2.06	-0.09	28.6	29.6	1.83	0.09
Malaysia	260	359	1.65	2.35	5.5	6.8	0.37	1.44
Pakistan	0	0	..	..	0.0	0.0	12.02	0.00
Philippines	1 617	2 246	-1.74	3.16	9.9	11.8	-3.40	1.79
Saudi Arabia	18	24	11.36	1.20	0.4	0.4	9.61	0.00
Thailand	788	1 023	-2.12	2.43	7.7	10.0	-2.51	2.42
Türkiye	0	0	..	..	0.0	0.0	-0.99	0.00
Viet Nam	2 973	4 515	2.15	3.67	21.7	31.2	1.24	3.17
OCEANIA	928	1 108	1.03	1.19	15.2	16.1	-0.55	0.12
Australia	699	847	0.82	1.13	19.3	21.2	-0.53	0.25
New Zealand	119	128	2.24	0.86	16.5	16.4	0.48	0.20
DEVELOPED COUNTRIES	40 860	41 420	0.30	0.04	20.2	20.1	0.00	-0.12
DEVELOPING COUNTRIES	80 857	89 625	0.33	0.75	8.8	8.7	-0.86	-0.22
LEAST DEVELOPED COUNTRIES	1 980	2 783	-1.91	3.51	1.5	1.6	-4.23	1.31
OECD³	39 979	40 466	0.37	0.03	20.2	20.0	-0.08	-0.17

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand. Average 2021-23est: Data for 2023 are estimated

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

5. Per capita consumption is expressed in edible retail weight equivalent basis. Carcass weight equivalent to edible retail weight conversion factors is 0.73 for pig meat.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.28.1 Poultry meat projections: Production and trade
Calendar year

	PRODUCTION (kt rtc)		Growth (%) ⁴		IMPORTS (kt rtc)		Growth (%) ⁴		EXPORTS (kt rtc)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	138 748	159 932	2.62	1.38	15 060	16 863	2.82	1.08	15 826	16 863	2.27	1.08
NORTH AMERICA	24 670	26 780	1.70	0.77	262	313	-0.73	0.63	3 679	3 849	0.51	0.73
Canada	1 494	1 761	2.03	1.45	173	200	-2.15	0.88	135	157	-3.80	1.74
United States	23 176	25 019	1.68	0.73	89	113	2.57	0.19	3 544	3 692	0.71	0.69
LATIN AMERICA	29 261	34 088	2.10	1.44	2 512	2 711	2.38	0.75	5 002	5 289	1.66	1.24
Argentina	2 302	2 588	1.69	1.21	9	6	-5.26	-0.76	201	249	-0.18	2.03
Brazil	15 221	16 818	2.03	1.01	5	5	414.38	0.00	4 542	4 809	1.77	1.26
Chile	751	855	1.04	1.54	167	132	4.38	-0.55	172	151	3.79	0.56
Colombia	1 782	2 249	3.20	1.90	88	82	3.53	2.18	6	6	4.78	0.00
Mexico	3 789	4 544	3.46	1.61	1089	1139	2.20	0.13	4	2	-2.14	0.54
Paraguay	60	72	1.29	1.87	16	17	8.30	0.19	9	5	119.01	-7.92
Peru	1 779	2 334	3.36	2.58	102	140	13.83	1.50	1	0	-24.31	-0.12
EUROPE	22 172	23 746	1.82	0.47	2 138	2 085	-1.35	-0.64	3 400	3 638	2.72	1.08
European Union ¹	13 270	13 887	1.43	0.19	800	895	-1.64	-0.04	1 989	2 216	-0.06	1.50
United Kingdom	1 985	2 180	1.99	0.69	544	588	0.00	1.40	274	259	-1.89	0.50
Russia	4 780	5 177	2.44	0.63	249	92	-3.87	-10.60	393	408	21.06	0.00
Ukraine	1 195	1 372	1.79	1.35	201	184	-0.85	-0.24	447	459	12.87	0.56
AFRICA	7 268	9 048	3.42	2.65	2 385	3 660	3.54	4.22	164	148	3.35	-0.84
Egypt	2 028	2 377	7.69	3.89	41	110	-12.34	7.47	1	1	-19.90	-4.45
Ethiopia	69	89	-0.49	2.54	1	0	..	..	0	0	..	..
Nigeria	240	343	1.61	3.38	0	0	..	..	0	0	..	..
South Africa	1 931	2 450	1.64	2.26	400	350	-2.12	-1.46	70	75	-3.64	0.72
ASIA	53 705	64 231	3.62	1.79	7 670	7 970	4.32	0.46	3509	3862	4.97	1.32
China ²	24 232	25 220	4.31	0.67	1 401	620	17.52	-6.14	748	502	2.42	-1.09
India	3 772	6 008	2.34	4.28	..	..	..	..	5	3	-3.42	-5.23
Indonesia	4065	5362	9.09	2.22	1	1	-20.82	0.01	2	2	-3.80	-0.70
Iran	1 931	2 278	-1.12	1.76	72	16	33.47	-9.13	26	36	-17.17	3.07
Japan	1677	1690	1.40	0.16	936	928	2.04	-0.30	4	3	-12.21	0.00
Kazakhstan	247	339	9.65	2.60	219	226	3.12	1.07	21	23	16.43	-1.05
Korea	1 004	1 096	2.76	0.82	242	228	7.43	-1.29	59	44	15.48	-1.96
Malaysia	1 731	2 295	0.05	2.43	176	226	14.96	0.24	208	216	5.70	-0.07
Pakistan	1 869	2 463	7.99	2.69	3	3	-5.40	0.70	16	14	14.18	-0.47
Philippines	1 443	2 028	2.60	3.05	447	785	12.17	4.82	2	2	-18.10	-0.37
Saudi Arabia	941	1 214	7.70	2.50	634	691	-4.65	0.38	60	62	3.01	-0.32
Thailand	1 943	2 479	1.52	1.88	4	4	-12.16	0.26	1352	1768	6.45	1.79
Türkiye	2 402	2 962	2.31	2.26	57	48	0.49	-2.93	721	956	4.87	3.64
Viet Nam	2 149	3 222	11.73	3.43	267	311	15.43	1.19	4	3	-8.01	-0.10
OCEANIA	1 671	2 041	2.30	1.87	92	124	6.94	3.23	71	75	2.88	1.06
Australia	1 410	1 733	2.39	1.93	0	0	..	..	57	60	4.88	1.08
New Zealand	227	259	1.88	1.24	1	1	6.91	0.00	14	14	-2.90	1.00
DEVELOPED COUNTRIES	53 331	58 290	1.81	0.77	4 266	4 252	-0.18	-0.35	7 298	7 714	1.54	0.88
DEVELOPING COUNTRIES	85 417	101 642	3.15	1.75	10 794	12 611	4.23	1.62	8 528	9 149	2.92	1.26
LEAST DEVELOPED COUNTRIES	2 518	3 460	-2.30	3.03	1 154	2 048	3.97	5.64	46	42	28.78	-0.75
OECD³	53 815	59 268	1.85	0.85	4 241	4 409	1.06	0.09	6 993	7 571	0.76	1.24

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand. Average 2021-23est: Data for 2023 are estimated

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.28.2 Poultry meat projections: Consumption, food
Calendar year

	CONSUMPTION (kt rtc)		Growth (%) ⁴		FOOD (kg rwe/cap) ⁵		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	137 981	159 926	2.68	1.38	10.0	10.6	1.61	0.52
NORTH AMERICA	21 253	23 238	1.92	0.78	33.5	34.6	1.27	0.26
Canada	1 530	1 802	2.15	1.37	23.5	25.4	1.08	0.58
United States	19 722	21 437	1.90	0.73	34.6	35.7	1.30	0.25
LATIN AMERICA	26 771	31 509	2.21	1.42	23.8	26.0	1.35	0.77
Argentina	2 110	2 345	1.87	1.12	27.3	28.5	1.13	0.56
Brazil	10 684	12 014	2.16	0.91	29.2	31.3	1.47	0.47
Chile	745	837	1.09	1.36	22.5	24.6	-0.19	1.08
Colombia	1 865	2 325	3.23	1.91	21.2	24.9	1.85	1.35
Mexico	4 873	5 681	3.17	1.30	22.2	24.2	2.32	0.67
Paraguay	67	83	0.77	2.63	5.8	6.4	-0.49	1.56
Peru	1 880	2 474	3.78	2.52	32.3	38.4	2.29	1.57
EUROPE	20 917	22 194	1.31	0.27	16.4	17.6	1.28	0.40
European Union ¹	12 088	12 568	1.47	-0.04	15.6	16.4	1.32	0.10
United Kingdom	2 255	2 510	2.01	0.88	19.7	21.3	1.52	0.59
Russia	4 635	4 860	1.14	0.28	18.9	20.5	1.13	0.57
Ukraine	949	1 098	-1.76	1.42	14.0	17.3	0.02	1.72
AFRICA	9 490	12 559	3.45	3.13	3.8	4.0	0.86	0.87
Egypt	2 068	2 486	6.88	4.02	10.3	10.5	4.90	2.52
Ethiopia	70	89	-0.46	2.54	0.3	0.3	-3.49	0.23
Nigeria	240	343	1.58	3.38	0.6	0.6	-1.10	1.11
South Africa	2 261	2 725	1.05	1.74	22.3	24.3	-0.01	0.82
ASIA	57 859	68 336	3.63	1.65	7.0	7.7	2.76	1.04
China ²	24 885	25 338	4.86	0.48	10.1	10.4	4.50	0.63
India	3 766	6 005	2.36	4.29	1.2	1.8	1.07	3.47
Indonesia	4 064	5 360	9.07	2.22	7.8	9.5	8.54	1.53
Iran	1 977	2 258	-0.21	1.60	12.9	13.8	-1.36	1.08
Japan	2 611	2 613	1.77	0.00	12.5	13.3	2.17	0.59
Kazakhstan	445	542	5.92	2.11	13.6	14.7	4.66	1.06
Korea	1 187	1 280	3.19	0.52	13.5	14.9	2.96	0.70
Malaysia	1 699	2 304	0.45	2.45	29.4	36.1	-0.82	1.54
Pakistan	1 856	2 452	7.90	2.71	4.5	4.9	6.36	0.86
Philippines	1 888	2 812	4.36	3.52	9.5	12.2	2.60	2.14
Saudi Arabia	1 515	1 843	1.16	1.75	24.1	25.5	-0.44	0.51
Thailand	586	712	-5.58	2.20	4.7	5.7	-5.95	2.19
Türkiye	1 738	2 054	1.19	1.53	11.5	12.9	0.16	1.02
Viet Nam	2 411	3 530	12.21	3.22	14.5	20.0	11.21	2.72
OCEANIA	1 692	2 090	2.48	1.97	22.7	24.9	0.88	0.90
Australia	1 352	1 673	2.30	1.96	30.7	34.4	0.94	1.07
New Zealand	215	246	2.28	1.25	24.5	26.0	0.53	0.59
DEVELOPED COUNTRIES	50 307	54 824	1.69	0.66	20.6	22.0	1.37	0.50
DEVELOPING COUNTRIES	87 674	105 103	3.29	1.78	7.7	8.3	2.05	0.77
LEAST DEVELOPED COUNTRIES	3 626	5 466	-0.83	3.97	2.2	2.6	-3.18	1.77
OECD³	51 071	56 101	1.96	0.73	21.3	22.9	1.49	0.53

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand. Average 2021-23est: Data for 2023 are estimated

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

5. Per capita consumption is expressed in edible retail weight equivalent basis. Carcass weight equivalent to edible retail weight conversion factors is 0.6 for poultry meat.

Source: OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.29.1 Sheep meat projections: Production and trade
Calendar year

	PRODUCTION (kt cwe)		Growth (%) ⁵		IMPORTS (kt cwe) ⁶		Growth (%) ⁵		EXPORTS (kt cwe) ⁶		Growth (%) ⁵	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	16 614	19 253	1.87	1.32	1 140	1 175	0.85	-0.10	1 181	1 259	0.67	0.43
NORTH AMERICA	84	84	-1.60	-0.04	190	188	6.92	-0.07	2	2	-7.75	0.06
Canada	17	17	0.18	-0.41	26	29	2.45	0.18			..	..
United States	67	67	-2.02	0.05	164	159	7.78	-0.11	1	1	-7.72	0.07
LATIN AMERICA	476	531	2.06	0.87	15	17	-8.91	0.20	31	30	6.26	-0.21
Argentina	54	55	-0.66	0.03	0	0	..	..	5	5	11.61	0.63
Brazil	142	151	2.50	0.60	3	4	-12.05	0.00			..	..
Chile	8	9	-1.41	0.48	0	0	..	..	6	5	0.53	-0.31
Colombia	1	1	-1.00	0.50	0	0	..	..	0	0	..	..
Mexico	108	111	1.30	0.17	1	1	-32.99	-1.35	1	0	..	..
Paraguay	3	3	-4.44	1.04	0	0	..	..	0	0	..	..
Peru	38	41	-0.59	0.74	0	0	..	..	0	0	..	..
EUROPE	1 245	1 272	-0.02	0.32	216	197	-4.41	-1.35	141	163	-0.22	1.23
European Union ¹	627	636	0.36	0.29	145	128	-2.07	-1.86	45	51	2.35	1.43
United Kingdom	297	303	-0.32	0.29	62	60	-8.06	-0.34	88	101	-1.47	0.93
Russia	211	209	0.24	-0.11			-54.32	..	1	1	48.72	0.00
Ukraine	8	5	-9.99	1.71	1	1	..	1.88			..	..
AFRICA	3 430	4 407	1.55	2.55	11	13	-14.04	-1.90	49	39	5.27	-1.39
Egypt	69	86	-8.03	1.98	1	1	-14.15	7.10	0	0	..	..
Ethiopia	291	378	6.84	2.85	0	0	..	..	14	16	-3.34	3.53
Nigeria	406	547	0.50	3.21	0	1	..	..	0	0	..	..
South Africa	155	193	-1.48	2.44	2	2	-20.11	-3.13	4	9	17.02	7.89
ASIA	10 170	11 633	2.48	1.14	679	722	2.57	0.21	32	27	-4.57	-2.45
China ²	5 234	5 652	2.39	0.63	390	363	6.83	-0.79	2	2	-12.70	0.65
India	826	878	1.06	0.60	0	0	..	..	9	10	-12.03	0.00
Indonesia	116	144	0.61	1.65	3	5	2.01	2.03	0	0	..	..
Iran	310	376	-4.90	1.33	6	13	8.22	0.54	0	0	..	..
Japan	0	0	..	..	20	18	0.37	-1.72	0	0	..	..
Kazakhstan	179	208	1.11	1.44	0	0	..	..	8	6	107.06	-5.09
Korea	2	3	5.76	-0.01	17	18	10.90	0.27	0	0	..	..
Malaysia	2	2	155.19	2.88	37	49	1.59	2.29	0	0	..	..
Pakistan	781	1005	6.55	2.26	0	0	..	..	4	0	-8.68	-20.83
Philippines	31	47	-7.26	4.40	1	2	-2.09	9.99	0	0	..	..
Saudi Arabia	72	90	549.48	1.17	27	38	-10.28	3.39	0	0	-20.82	..
Thailand	2	2	0.37	0.61	1	2	-3.09	3.39	0	0	..	..
Türkiye	584	788	8.95	1.88	0	0	..	..	3	2	42.25	-0.61
Viet Nam	21	27	8.13	2.57	1	3	-9.60	12.83	0	0	..	..
OCEANIA	1 209	1 326	0.23	0.39	29	39	0.20	1.59	927	999	0.70	0.49
Australia	772	892	1.21	0.70	0	0	..	..	501	576	2.41	0.97
New Zealand	437	434	-1.40	-0.21	4	4	-2.17	0.07	426	423	-1.08	-0.14
DEVELOPED COUNTRIES	3 475	3 811	0.13	0.76	440	423	-0.39	-0.69	1 082	1 179	0.67	0.59
DEVELOPING COUNTRIES	13 139	15 442	2.38	1.46	700	751	1.69	0.26	99	80	0.60	-1.67
LEAST DEVELOPED COUNTRIES (LDC)	2 152	2 723	1.74	2.36	2	2	-7.74	-1.42	11	2	9.59	-15.18
OECD³	2 980	3 332	1.47	0.70	449	428	-0.21	-0.71	1 071	1 160	0.58	0.56

.. Not available

Note : Calendar year, except year ending 30 June for New Zealand. Average 2021-23est: Data for 2023 are estimated

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

4. Gross indigenous production.

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

6. Excludes trade of live animals

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.29.2 Sheep meat projections: Consumption, food
Calendar year

	CONSUMPTION (kt cwe)		Growth (%) ⁴		FOOD (kg rwe/cap) ⁵		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	16 593	19 253	1.89	1.32	1.3	1.4	0.82	0.48
NORTH AMERICA	264	262	3.89	-0.06	0.5	0.4	3.23	-0.57
Canada	41	45	1.18	-0.04	0.7	0.7	0.12	-0.81
United States	223	218	4.46	-0.07	0.4	0.4	3.85	-0.55
LATIN AMERICA	461	519	1.31	0.91	0.4	0.5	0.44	0.26
Argentina	50	50	-1.36	-0.03	0.7	0.7	-2.08	-0.58
Brazil	145	155	1.91	0.58	0.4	0.4	1.22	0.14
Chile	3	4	-4.40	1.65	0.1	0.1	-5.61	1.36
Colombia	1	1	-1.39	0.54	0.0	0.0	-2.70	0.00
Mexico	108	112	-0.22	0.15	0.5	0.5	-1.04	-0.47
Paraguay	3	3	-4.52	1.04	0.2	0.2	-5.71	0.00
Peru	38	41	-0.59	0.74	0.7	0.7	-2.01	-0.19
EUROPE	1 267	1 251	-0.99	-0.06	1.1	1.1	-1.02	0.07
European Union ¹	676	661	-0.51	-0.22	1.0	0.9	-0.65	-0.09
United Kingdom	271	261	-2.25	-0.09	2.6	2.4	-2.71	-0.37
Russia	209	207	-0.18	-0.12	0.9	1.0	-0.18	0.18
Ukraine	7	5	-10.46	1.96	0.1	0.1	-8.84	2.26
AFRICA	3 348	4 378	1.65	2.68	1.5	1.5	-0.92	0.43
Egypt	72	90	-7.85	1.98	0.4	0.4	-9.56	0.51
Ethiopia	274	359	8.00	2.84	1.3	1.3	4.71	0.53
Nigeria	408	554	0.50	3.28	1.1	1.1	-2.15	1.01
South Africa	161	194	-2.55	2.07	1.7	1.9	-3.57	1.14
ASIA	10 952	12 490	2.39	1.10	1.5	1.6	1.54	0.55
China ²	5 621	6 013	2.66	0.54	2.5	2.7	2.30	0.69
India	814	865	1.36	0.61	0.3	0.3	0.08	0.00
Indonesia	119	149	0.66	1.66	0.3	0.3	0.18	0.97
Iran	293	367	-3.47	1.42	2.1	2.5	-4.58	0.89
Japan	20	18	0.37	-1.72	0.1	0.1	0.77	-1.15
Kazakhstan	169	200	0.31	1.75	5.7	6.0	-0.88	0.71
Korea	20	21	10.02	0.23	0.2	0.3	9.78	0.41
Malaysia	40	52	0.83	2.25	0.8	0.9	-0.44	1.34
Pakistan	778	1 005	6.74	2.30	2.1	2.2	5.22	0.46
Philippines	32	49	-7.15	4.60	0.2	0.2	-8.72	3.20
Saudi Arabia	172	208	-2.01	1.68	3.0	3.2	-3.56	0.44
Thailand	3	5	-0.08	1.83	0.0	0.0	-0.48	1.82
Türkiye	574	779	8.63	1.90	4.2	5.4	7.53	1.39
Viet Nam	22	31	7.47	3.09	0.1	0.2	6.51	2.59
OCEANIA	301	353	0.13	0.28	4.4	4.6	-1.43	-0.78
Australia	258	303	0.92	0.25	6.4	6.9	-0.43	-0.62
New Zealand	17	15	-8.75	-2.04	2.1	1.7	-10.31	-2.68
DEVELOPED COUNTRIES	2 778	2 999	-0.07	0.64	1.2	1.3	-0.38	0.47
DEVELOPING COUNTRIES	13 816	16 254	2.33	1.45	1.3	1.4	1.09	0.48
LEAST DEVELOPED COUNTRIES	2 091	2 708	2.22	2.55	1.4	1.4	-0.21	0.38
OECD³	2 296	2 535	1.72	0.53	1.0	1.1	1.21	0.31

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand. Average 2021-23est: Data for 2023 are estimated

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

5. Per capita consumption is expressed in edible retail weight equivalent basis. Carcass weight equivalent to edible retail weight conversion factors is 0.66 for sheep meat.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.30 Main policy assumptions for meat markets
Calendar year

		Average 2021-23-est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
ARGENTINA												
Beef export tax ²	%	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
CANADA												
Beef tariff-quota	kt pw	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2
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	106.5	110.9	112.8	114.7	116.3	118.1	120.0	121.7	123.4	125.0	126.4
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
Out-of-quota tariff	%	249.0	249.0	249.0	249.0	249.0	249.0	249.0	249.0	249.0	249.0	249.0
EUROPEAN UNION^{3,4}												
Voluntary coupled support												
Beef and veal ⁵	mln EUR	1606.2	1780.9	1760.2	1741.1	1720.5	1729.3	1729.3	1729.3	1729.3	1729.3	1729.3
Sheep and goat meat ⁶	mln EUR	509.6	482.2	478.4	474.3	478.1	478.1	478.1	478.1	478.1	478.1	478.1
Beef basic price ¹	EUR/kg dwt	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.2	4.2
Beef tariff-quota	kt cwe	321.4	327.1	328.7	329.2	329.7	330.2	330.7	331.2	331.2	331.2	331.2
Pig tariff-quota	kt cwe	212.1	213.9	214.8	215.7	216.6	217.5	218.4	219.3	220.2	220.2	221.1
Poultry tariff-quota	kt rtc	905.0	909.1	911.2	913.3	915.3	917.4	919.4	921.5	922.6	923.6	924.7
Sheep meat tariff-quota	kt cwe	163.1	163.5	163.7	163.9	164.1	164.3	164.5	164.7	164.9	164.9	164.9
JAPAN⁷												
Beef stabilisation prices												
Upper price	JPY/kg dwt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lower price	JPY/kg dwt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Beef tariff	%	24.1	22.7	21.8	21.0	20.2	18.6	16.8	15.0	13.1	11.3	9.5
Pig meat stabilisation prices												
Upper price	JPY/kg dwt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lower price	JPY/kg dwt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pig meat import system												
Tariff	%	1.2	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Standard import price	JPY/kg dwt	416.0	424.8	415.3	407.4	401.5	391.7	383.3	376.5	368.4	361.9	353.7
Poultry meat tariff	%	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
KOREA												
Beef tariff	%	10.6	5.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pig meat tariff	%	10.6	5.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Poultry meat tariff	%	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
MEXICO⁸												
Beef and veal tariff-quota	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	%	2.1	2.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Out-of-quota tariff ⁹	%	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
Poultry meat tariff-quota	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	%	2.1	2.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Out-of-quota tariff	%	75.0	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	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
Pig meat tariff-quota ¹⁰	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	%	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	%	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Poultry tariff-quota	kt pw	364.0	364.0	364.0	364.0	364.0	364.0	364.0	364.0	364.0	364.0	364.0
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	676.8	676.8	676.8	676.8	676.8	676.8	676.8	676.8	676.8	676.8	676.8
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 C.30 Main policy assumptions for meat markets (cont.)

Calendar year

		Average 2021-23-est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
CHINA												
Beef tariff	%	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Pig meat tariff	%	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
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	%	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
INDIA												
Beef tariff	%	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
Pig meat tariff	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Sheep meat tariff	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Poultry meat tariff	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
SOUTH AFRICA												
Beef tariff	%	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Pig meat tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sheep meat tariff	%	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Poultry meat tariff	%	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2

Note : Average 2021-23est: Data for 2023 are estimated.

1. Price for R3 grade male cattle.
2. In Argentina, a temporary export tax is applied on all goods from September 4th 2018 until December 31st 2020.
3. Since 2015 the Basic payment scheme (BPS) holds, which shall account for the maximum of the national direct payment envelopes. On top of this, compulsory policy instruments have been introduced: the Green Payment and young farmer scheme. More details can be found in here:
https://ec.europa.eu/info/sites/info/files/food-farming-fisheries/key_policies/documents/voluntary-coupled-support-note-revised-aug2018_en.pdf
4. Refers to all current European Union member countries.
5. Implemented in 24 Member States.
6. Implemented in 22 Member States.
7. Year beginning 1 April.
8. Intended for countries which whom Mexico has no free trade agreements.
9. 25% for frozen beef.
10. Eliminated in 2020 and replaced by import tariff

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). [dx.doi.org/10.1787/agr-outl-data-en](https://doi.org/10.1787/agr-outl-data-en)

Table C.31.1 Butter projections: Production and trade
Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	13 054	15 717	2.20	1.73	1 024	1 138	0.68	0.80	1 034	1 138	-0.31	0.80
NORTH AMERICA	1 058	1 204	2.00	0.99	76	77	14.54	-1.41	49	24	5.95	-6.65
Canada	116	146	3.94	2.23	28	36	11.72	0.40	..	..	..	..
United States	942	1 058	1.79	0.83	49	41	16.45	-2.79	49	24	6.19	-6.65
LATIN AMERICA	464	512	0.95	0.99	54	76	-2.35	1.67	43	38	-1.36	-0.11
Argentina	31	35	-3.34	1.10	0	0	..	..	21	20	9.46	0.15
Brazil	113	111	2.05	0.10	3	10	9.98	6.63	1	1	-5.56	-7.78
Chile	29	32	3.80	0.79	5	3	-2.77	1.16	1	1	-12.05	-0.86
Colombia	22	24	0.43	1.19	0	0	..	..	0	0	..	..
Mexico	211	246	1.03	1.21	24	37	-4.64	1.19	2	3	-13.20	0.00
Paraguay	1	1	5.35	2.67	0	0	..	..	1	1	17.86	2.42
Peru	7	7	7.92	0.26	6	8	-1.69	3.24	0	0	..	..
EUROPE	3 082	3 117	1.10	0.08	250	257	-0.36	0.40	406	444	0.54	1.09
European Union ¹	2 334	2 343	1.19	-0.01	52	45	5.49	-2.44	251	285	1.09	1.11
United Kingdom	207	203	5.11	-0.03	58	68	-6.94	2.14	49	45	-1.17	0.87
Russia	302	316	2.35	0.26	120	124	0.62	0.89	4	4	-2.97	0.00
Ukraine	43	32	-12.28	1.09	4	3	-0.90	2.07	11	2	-3.13	-2.03
AFRICA	320	368	-0.07	1.66	64	62	-9.79	2.24	10	13	-3.11	-0.05
Egypt	90	90	-4.09	0.33	19	14	-14.85	3.56	4	6	11.35	-2.51
Ethiopia	19	25	3.22	3.08	0	0	..	..	0	2	..	24.98
Nigeria	12	14	-0.23	1.88	2	3	-10.66	7.84	0	0	..	..
South Africa	16	16	1.64	1.12	3	2	-4.67	0.42	3	2	-5.50	-0.41
ASIA	7 600	9 953	3.30	2.55	539	625	2.12	1.09	84	135	8.54	4.78
China ²	99	111	0.70	1.01	135	138	7.58	0.33	2	2	1.10	1.00
India	5 194	6 889	3.68	2.83	0	1	-26.43	..	26	1	16.45	-27.33
Indonesia	0	0	..	..	23	23	-0.22	0.57	0	0	..	..
Iran	197	230	0.66	1.77	1	0	-50.37	..	10	35	36.72	12.07
Japan	75	73	2.54	-0.45	12	15	0.88	0.10	0	0	..	..
Kazakhstan	28	29	7.02	1.73	7	11	-3.23	0.76	4	2	34.75	-0.75
Korea	55	51	-3.45	-0.48	28	36	22.32	1.47	0	0	..	..
Malaysia	0	0	..	..	22	23	2.00	0.53	6	8	-0.87	0.00
Pakistan	1 286	1 697	3.12	2.07	0	1	-0.98	11.03	0	0	..	..
Philippines	0	0	..	..	30	30	3.66	1.17	1	1	..	0.00
Saudi Arabia	8	10	2.16	3.09	54	64	-0.53	0.83	12	12	16.13	-0.83
Thailand	3	4	4.19	1.63	13	12	-0.22	0.02	1	1	-2.42	5.42
Türkiye	270	407	3.13	2.97	3	2	-23.95	-2.09	6	59	0.49	16.52
Viet Nam	0	0	..	..	12	11	-0.53	0.43	0	0	..	..
OCEANIA	530	563	-2.34	0.24	40	40	4.94	0.34	443	484	-2.30	0.35
Australia	70	59	-6.29	-1.04	35	35	5.77	0.00	17	7	-10.92	-1.07
New Zealand	459	503	-1.56	0.40	1	1	0.26	1.00	425	477	-1.89	0.37
DEVELOPED COUNTRIES	4 933	5 161	1.00	0.33	421	452	2.29	0.36	911	964	-0.69	0.37
DEVELOPING COUNTRIES	8 121	10 556	2.98	2.49	603	685	-0.36	1.11	123	174	2.93	3.68
LEAST DEVELOPED COUNTRIES	305	359	2.40	1.94	12	30	-7.33	4.85	2	0	-18.68	..
OECD³	4 851	5 208	1.08	0.50	306	335	1.85	0.02	801	903	-1.06	0.86

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand and Australia. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.31.2 Butter projections: Consumption, food
Calendar year

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	13 048	15 716	2.33	1.74	1.6	1.7	1.40	0.91
NORTH AMERICA	1 091	1 255	2.57	1.10	2.7	3.0	3.23	0.60
Canada	142	182	5.31	2.13	3.5	4.0	4.23	1.34
United States	948	1 073	2.21	0.93	2.7	2.8	3.08	0.47
LATIN AMERICA	475	551	0.65	1.16	0.7	0.7	-0.19	0.52
Argentina	10	15	-13.90	2.53	0.2	0.3	-14.55	2.29
Brazil	115	120	2.42	0.54	0.5	0.5	1.73	0.11
Chile	32	34	4.20	0.88	1.5	1.6	2.90	0.60
Colombia	22	24	0.27	1.22	0.4	0.4	-1.10	0.68
Mexico	233	281	0.57	1.22	1.7	1.9	-0.38	0.60
Paraguay	0	0	..	..	0.0	0.0	..	..
Peru	13	15	2.58	1.74	0.4	0.4	1.13	0.81
EUROPE	2 927	2 931	1.09	-0.04	3.7	3.7	0.98	0.09
European Union ¹	2 135	2 102	1.37	-0.22	4.4	4.4	1.12	-0.09
United Kingdom	216	226	1.88	0.39	3.0	3.1	1.41	0.11
Russia	418	437	1.80	0.44	2.7	3.0	1.79	0.73
Ukraine	36	33	-13.56	1.30	0.8	0.8	-12.11	1.62
AFRICA	374	417	-2.23	1.80	0.2	0.2	-4.72	-0.41
Egypt	105	97	-6.99	0.94	0.9	0.7	-8.82	-0.50
Ethiopia	19	23	3.27	2.11	0.1	0.1	0.52	0.00
Nigeria	14	18	-2.44	2.77	0.1	0.1	-5.17	0.52
South Africa	16	16	2.65	1.31	0.2	0.2	1.53	0.41
ASIA	8 057	10 444	3.18	2.43	1.6	2.0	2.36	1.87
China ²	232	246	4.19	0.62	0.1	0.2	3.98	0.77
India	5 168	6 888	3.63	2.87	3.5	4.3	2.62	2.06
Indonesia	23	23	-0.29	0.57	0.1	0.1	-0.95	0.00
Iran	188	195	-2.92	0.64	2.0	1.9	-4.06	0.06
Japan	89	88	2.69	-0.36	0.7	0.7	3.03	0.24
Kazakhstan	31	38	3.43	1.57	1.5	1.6	2.22	0.54
Korea	83	88	0.93	0.29	1.5	1.6	0.72	0.47
Malaysia	16	15	3.03	0.82	0.4	0.4	1.80	0.00
Pakistan	1 286	1 698	3.11	2.08	5.2	5.6	1.51	0.24
Philippines	29	29	3.45	1.20	0.2	0.2	2.11	0.00
Saudi Arabia	50	62	-2.19	1.51	1.3	1.4	-3.71	0.30
Thailand	16	14	0.68	0.01	0.2	0.2	0.43	0.00
Türkiye	267	350	1.95	1.71	3.0	3.6	0.97	1.14
Viet Nam	12	11	-0.55	0.43	0.1	0.1	-1.19	0.00
OCEANIA	124	119	1.39	-0.16	2.4	2.0	0.06	-1.27
Australia	86	86	-0.19	-0.63	3.0	2.7	-1.66	-1.53
New Zealand	34	27	9.12	0.97	4.5	2.8	20.00	0.79
DEVELOPED COUNTRIES	4 447	4 649	1.63	0.33	2.9	3.0	1.57	0.18
DEVELOPING COUNTRIES	8 601	11 067	2.71	2.38	1.3	1.5	1.53	1.41
LEAST DEVELOPED COUNTRIES	315	389	2.11	2.14	0.3	0.3	-0.29	-0.02
OECD³	4 361	4 640	1.72	0.41	2.9	3.0	1.51	0.20

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand and Australia. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.32.1 Cheese projections: Production and trade*Calendar year*

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	25 640	28 803	1.55	1.09	3 505	4 025	2.68	1.49	3 502	4 025	2.21	1.49
NORTH AMERICA	6 843	8 083	2.32	1.60	190	193	1.14	-0.39	436	532	3.21	1.83
Canada	496	603	2.06	2.09	49	58	8.91	1.01	9	9	-4.76	0.44
United States	6 347	7 480	2.35	1.56	141	135	-0.74	-0.94	428	523	3.45	1.85
LATIN AMERICA	2 349	2 740	0.60	1.57	457	546	5.49	1.65	183	166	2.12	-0.40
Argentina	459	547	0.26	1.60	3	1	2.65	0.00	67	70	3.13	0.13
Brazil	768	935	0.43	2.04	35	30	4.68	-0.49	4	6	4.31	1.58
Chile	107	114	2.92	0.33	63	74	11.05	2.79	7	6	1.47	-2.65
Colombia	63	59	0.43	0.89	7	21	11.91	5.26	1	1	20.17	-2.79
Mexico	332	400	-0.72	1.30	147	172	3.73	2.30	12	9	13.41	0.00
Paraguay	0	0	..	..	4	4	5.63	0.91	0	0	..	..
Peru	28	31	2.32	1.20	10	17	13.86	5.04	0	0	..	..
EUROPE	12 667	13 619	1.43	0.63	1 101	1 124	0.99	1.05	1 965	2 380	2.67	2.14
European Union ¹	10 814	11 445	1.41	0.48	186	181	0.22	0.78	1 359	1 697	2.07	2.27
United Kingdom	521	581	2.80	0.41	404	383	-2.25	0.89	160	122	1.35	-0.45
Russia	551	669	1.36	1.53	321	344	3.64	1.53	37	23	5.51	-2.96
Ukraine	82	62	-10.21	2.85	41	62	25.65	1.51	8	5	-5.91	-1.49
AFRICA	939	1 068	-0.58	1.36	148	214	-0.42	4.16	51	25	-14.58	-6.47
Egypt	547	592	-1.54	0.84	17	24	-11.48	10.03	33	10	-16.99	-11.28
Ethiopia	7	10	5.73	3.08	0	0	..	..	0	1	..	25.03
Nigeria	10	7	-0.42	-3.69	1	10	6.33	21.55	0	0	..	..
South Africa	59	61	1.49	0.95	8	11	-6.08	2.40	9	6	0.49	-2.34
ASIA	2 009	2 384	1.59	1.60	1 497	1 826	4.02	1.72	361	388	6.21	0.01
China ²	208	248	1.02	1.74	164	189	10.65	1.02	0	0	..	..
India	6	9	8.01	3.16	2	2	4.96	0.00	9	12	8.19	2.42
Indonesia	0	0	..	..	30	33	4.31	1.40	3	2	15.56	-1.38
Iran	331	370	1.80	1.12	0	0	..	..	99	107	13.83	1.16
Japan	166	191	2.42	1.11	273	297	1.47	1.47	1	0	11.71	..
Kazakhstan	38	38	6.04	1.56	34	52	7.00	2.30	3	2	14.05	-2.19
Korea	43	44	1.45	0.31	152	173	5.10	1.76	1	1	21.64	0.00
Malaysia	0	0	..	..	34	38	7.33	2.05	3	3	34.21	-2.01
Pakistan	0	0	..	..	1	2	-13.85	2.89	0	0	..	..
Philippines	0	0	..	..	50	83	10.13	4.90	1	1	19.98	-4.67
Saudi Arabia	127	160	-1.15	2.63	208	233	3.35	0.47	81	77	-2.49	-0.47
Thailand	2	2	-9.66	1.63	19	20	6.52	0.01	1	1	18.48	2.97
Türkiye	231	325	1.15	1.95	9	5	-3.81	-1.34	46	85	0.45	1.36
Viet Nam	0	0	..	..	16	17	17.63	0.40	1	1	..	0.00
OCEANIA	833	908	2.76	0.71	113	122	1.40	0.60	506	535	1.04	0.73
Australia	439	453	3.25	0.34	98	103	0.64	0.38	150	125	-1.47	-0.43
New Zealand	394	455	2.26	1.09	13	16	8.70	2.00	356	410	2.29	1.11
DEVELOPED COUNTRIES	21 098	23 481	1.81	0.99	1 756	1 871	1.27	1.10	2 928	3 459	2.44	1.84
DEVELOPING COUNTRIES	4 542	5 322	0.44	1.57	1 749	2 154	4.30	1.84	575	566	1.18	-0.45
LEAST DEVELOPED COUNTRIES	439	526	1.17	2.15	28	83	2.58	6.89	0	0	..	..
OECD³	20 374	22 597	1.75	0.92	1 652	1 757	1.13	1.25	2 609	3 072	1.95	1.72

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand and Australia. Average 2021-23est: Data for 2023 are estimated

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.32.2 Cheese projections: Consumption, food
Calendar year

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	25 656	28 792	1.63	1.09	3.0	3.1	0.57	0.26
NORTH AMERICA	6 586	7 733	2.30	1.53	16.8	18.7	1.65	1.01
Canada	537	652	2.89	2.02	13.3	14.8	1.87	1.24
United States	6 048	7 081	2.25	1.49	17.2	19.1	1.64	1.00
LATIN AMERICA	2 623	3 120	1.21	1.70	3.7	4.1	0.34	1.06
Argentina	395	478	-0.13	1.83	8.2	9.3	-0.86	1.28
Brazil	800	959	0.55	1.93	3.5	4.0	-0.12	1.49
Chile	163	182	5.54	1.37	7.9	8.5	4.23	1.09
Colombia	68	80	1.00	1.85	1.2	1.4	-0.37	1.30
Mexico	467	563	0.28	1.61	3.4	3.9	-0.57	0.99
Paraguay	4	4	7.04	0.97	0.5	0.4	5.56	0.00
Peru	38	47	4.26	2.41	1.0	1.1	2.80	1.47
EUROPE	11 827	12 363	1.22	0.40	14.8	15.7	1.11	0.53
European Union ¹	9 666	9 929	1.33	0.21	20.1	20.8	1.09	0.33
United Kingdom	764	842	0.12	0.76	10.8	11.6	-0.37	0.49
Russia	834	990	1.92	1.66	5.5	6.8	1.92	1.97
Ukraine	115	120	-5.64	2.21	2.7	3.0	-4.00	2.53
AFRICA	1 036	1 258	0.83	2.03	0.7	0.6	-1.72	-0.19
Egypt	530	606	0.03	1.49	4.4	4.3	-1.89	0.04
Ethiopia	8	9	5.43	2.10	0.1	0.1	2.62	0.00
Nigeria	11	16	0.21	4.45	0.0	0.0	-2.58	2.18
South Africa	58	66	0.30	1.54	0.9	0.9	-0.81	0.64
ASIA	3 145	3 822	2.21	1.83	0.6	0.7	1.38	1.27
China ²	372	437	4.31	1.43	0.2	0.3	4.09	1.57
India	0	0	..	..	0.0	0.0	-54.93	0.00
Indonesia	27	31	3.71	1.64	0.1	0.1	3.05	0.97
Iran	232	263	-1.11	1.11	2.4	2.6	-2.26	0.58
Japan	438	489	1.76	1.33	3.3	4.0	2.17	1.92
Kazakhstan	69	88	6.22	2.08	3.3	3.8	5.00	1.05
Korea	194	215	4.12	1.46	3.5	3.9	3.94	1.65
Malaysia	31	35	6.32	2.44	0.8	0.9	5.07	1.55
Pakistan	1	2	-13.89	2.90	0.0	0.0	-15.27	1.24
Philippines	49	82	10.04	5.03	0.4	0.5	8.66	3.64
Saudi Arabia	253	316	3.03	1.78	6.6	7.1	1.47	0.56
Thailand	20	21	3.32	0.01	0.3	0.3	3.08	0.00
Türkiye	194	246	1.03	2.07	2.1	2.6	0.06	1.57
Viet Nam	15	16	17.19	0.43	0.1	0.1	16.54	0.00
OCEANIA	441	495	4.28	0.66	9.4	9.4	2.74	-0.39
Australia	387	432	4.41	0.58	14.1	14.2	3.08	-0.29
New Zealand	51	61	3.40	1.18	8.2	9.2	1.84	0.57
DEVELOPED COUNTRIES	19 940	21 882	1.70	0.87	13.1	14.1	1.34	0.71
DEVELOPING COUNTRIES	5 716	6 910	1.41	1.84	0.8	0.9	0.20	0.86
LEAST DEVELOPED COUNTRIES	467	608	1.25	2.67	0.5	0.5	-1.14	0.49
OECD³	19 430	21 272	1.70	0.84	13.0	13.9	1.19	0.64

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand and Australia. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.33.1 Skim milk powder projections: Production and trade*Calendar year*

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	4 640	5 399	0.58	1.83	2 554	3 172	1.45	2.10	2 691	3 172	1.89	2.10
NORTH AMERICA	1 272	1 754	1.46	3.87	5	8	-0.47	3.56	947	1 468	7.11	4.24
Canada	84	115	-1.69	3.69	3	6	-6.02	5.53	26	30	7.25	0.88
United States	1 188	1 639	1.73	3.88	2	2	11.40	0.00	921	1 438	7.13	4.32
LATIN AMERICA	294	333	-0.12	1.50	490	574	3.87	1.33	58	52	-2.69	0.62
Argentina	40	44	1.51	1.51	0	0	..	..	24	27	-0.15	2.90
Brazil	161	205	0.59	2.08	21	20	-5.36	0.00	0	0	..	..
Chile	14	12	-8.87	-1.44	8	9	-1.35	4.35	2	2	4.98	-4.16
Colombia	0	0	..	..	29	31	23.01	0.51	0	0	..	..
Mexico	46	48	0.84	0.79	341	391	3.95	1.10	11	11	-3.63	0.00
Paraguay	0	0	..	..	1	1	..	0.00	1	1	..	0.00
Peru	0	0	..	..	22	24	-0.92	2.45	0	0	..	..
EUROPE	1 821	1 852	-0.07	0.29	129	144	-6.60	0.38	960	983	1.09	0.66
European Union ¹	1 457	1 491	0.67	0.22	35	37	-4.29	0.10	752	765	1.79	0.56
United Kingdom	55	67	-6.49	1.86	24	24	-6.32	-0.32	55	67	-3.77	1.71
Russia	90	75	3.32	-1.36	57	73	-9.35	0.96	2	2	-0.03	0.00
Ukraine	52	51	-10.91	2.95	2	1	16.04	-3.14	19	21	-6.81	3.24
AFRICA	14	14	5.36	0.72	422	585	1.99	2.72	23	17	4.86	-1.88
Egypt	0	0	..	..	63	77	-2.40	3.76	0	0	..	..
Ethiopia	0	0	..	..	4	3	45.85	2.09	0	0	..	..
Nigeria	0	0	..	..	52	60	6.44	4.33	0	0	..	..
South Africa	3	3	-0.77	-1.47	13	18	8.95	0.86	9	8	4.78	-0.85
ASIA	725	942	5.69	2.74	1 483	1 838	1.49	2.31	205	173	1.53	0.79
China ²	26	39	-7.59	3.54	368	391	7.33	1.26	2	3	2.70	0.00
India	364	573	6.99	4.37	1	1	2.17	-0.37	25	0	-16.43	..
Indonesia	0	0	..	..	204	265	4.78	2.97	1	1	-7.48	-2.88
Iran	77	112	23.56	1.39	6	10	-3.57	0.00	83	121	25.36	1.27
Japan	153	147	2.45	-0.14	15	11	-14.59	-0.20	0	0	..	..
Kazakhstan	1	1	5.10	-0.35	22	26	-0.55	1.82	2	2	23.06	-1.79
Korea	31	22	-3.36	-3.16	13	20	-6.77	6.16	0	0	..	..
Malaysia	0	0	..	..	118	133	-2.50	2.23	3	4	-29.05	-2.18
Pakistan	0	0	..	..	22	40	-6.93	3.21	0	0	..	..
Philippines	0	0	..	..	170	248	4.24	4.90	1	0	..	..
Saudi Arabia	0	0	..	..	21	31	-16.44	0.91	9	9	-5.97	-0.90
Thailand	0	0	..	..	65	67	-0.49	0.02	5	4	10.67	0.27
Türkiye	61	38	16.36	1.89	4	3	28.94	0.00	37	11	0.98	6.01
Viet Nam	0	0	..	..	108	107	4.09	0.43	1	1	-7.78	0.00
OCEANIA	515	504	-3.78	0.21	24	22	10.17	0.83	497	480	-2.92	0.29
Australia	147	124	-6.60	-0.98	16	13	12.44	0.00	135	107	-4.21	-0.80
New Zealand	367	380	-2.41	0.62	3	3	6.54	0.00	362	372	-2.41	0.62
DEVELOPED COUNTRIES	3 778	4 271	-0.06	1.59	230	272	-4.34	1.08	2 419	2 941	2.05	2.22
DEVELOPING COUNTRIES	863	1 128	3.94	2.80	2 323	2 900	2.22	2.20	272	231	0.28	0.63
LEAST DEVELOPED COUNTRIES	6	7	23.17	1.48	104	153	-2.28	4.23	13	9	8.51	-2.61
OECD³	3 648	4 122	0.10	1.61	500	558	1.50	1.12	2 313	2 814	2.09	2.30

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand and Australia. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.33.2 Skim milk powder projections: Consumption, food*Calendar year*

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	4 508	5 399	0.79	1.83	0.5	0.5	-0.40	1.10
NORTH AMERICA	331	294	-7.59	2.22	0.7	0.6	-9.30	1.84
Canada	62	91	-2.46	5.03	0.8	1.4	-1.83	7.84
United States	269	203	-8.57	1.17	0.7	0.5	-10.01	0.26
LATIN AMERICA	726	855	2.67	1.44	0.8	0.9	2.52	0.60
Argentina	16	18	7.97	-0.28	0.3	0.3	7.62	-1.02
Brazil	182	224	-0.28	1.88	0.1	0.1	-4.82	-0.44
Chile	20	19	-7.65	1.23	0.9	0.9	-8.88	0.98
Colombia	29	31	23.21	0.51	0.5	0.5	21.68	0.00
Mexico	376	428	4.12	1.10	2.7	2.9	3.31	0.48
Paraguay	0	0	..	..	0.0	0.0	-51.50	0.00
Peru	22	24	-0.92	2.45	0.6	0.6	-2.35	1.52
EUROPE	989	1 014	-0.46	-0.06	1.0	1.1	-0.90	0.34
European Union ¹	740	763	1.60	-0.12	1.2	1.3	1.35	0.38
United Kingdom	24	24	-11.31	0.02	0.3	0.3	-12.29	-0.37
Russia	145	146	-3.07	-0.31	0.9	1.0	-3.08	-0.01
Ukraine	35	31	-13.04	2.64	0.8	0.8	-11.58	2.93
AFRICA	413	582	1.95	2.84	0.3	0.3	-0.66	0.58
Egypt	63	77	-2.28	3.76	0.5	0.5	-4.17	2.27
Ethiopia	4	3	45.85	2.09	0.0	0.0	41.99	0.00
Nigeria	52	60	6.45	4.34	0.2	0.2	3.54	2.05
South Africa	7	13	7.27	1.47	0.1	0.2	6.10	0.61
ASIA	2 009	2 607	2.92	2.57	0.4	0.5	1.96	2.06
China ²	392	428	5.61	1.45	0.2	0.3	5.41	1.60
India	340	574	8.90	4.38	0.2	0.4	7.89	3.56
Indonesia	203	265	4.88	2.99	0.6	0.8	4.23	2.29
Iran	0	0	-78.07	..	0.0	0.0	-79.59	0.00
Japan	174	158	0.25	-0.15	1.0	1.0	-1.83	0.49
Kazakhstan	21	25	-1.01	2.03	1.0	1.1	-2.20	1.01
Korea	44	41	-4.44	0.24	0.8	0.7	-4.72	0.42
Malaysia	114	129	1.39	2.41	3.1	3.2	0.17	1.51
Pakistan	21	40	-6.83	3.27	0.1	0.1	-8.35	1.42
Philippines	169	248	4.20	4.90	1.3	1.6	2.85	3.50
Saudi Arabia	12	22	-21.40	1.77	0.3	0.5	-22.73	0.58
Thailand	60	63	-0.63	0.01	0.8	0.8	-0.89	0.00
Türkiye	28	30	172.75	0.47	0.3	0.3	224.92	0.00
Viet Nam	107	106	4.29	0.44	1.0	0.9	3.66	0.00
OCEANIA	40	47	-9.08	-0.29	0.8	0.8	-11.12	-1.35
Australia	27	30	-12.26	-1.18	0.9	0.9	-14.78	-2.12
New Zealand	9	11	-0.76	0.66	1.7	1.9	-2.55	0.00
DEVELOPED COUNTRIES	1 594	1 602	-2.29	0.44	0.9	0.9	-3.43	0.48
DEVELOPING COUNTRIES	2 914	3 797	2.86	2.48	0.4	0.5	1.84	1.52
LEAST DEVELOPED COUNTRIES	97	151	-2.52	4.65	0.1	0.1	-4.81	2.47
OECD³	1 840	1 866	-0.78	0.52	1.1	1.1	-1.77	0.50

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand and Australia. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.34.1 Whole milk powder projections: Production and trade*Calendar year*

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	5 011	5 788	-0.72	1.56	2 791	2 645	0.57	0.43	2 653	2 645	0.43	0.43
NORTH AMERICA	73	88	15.90	1.44	14	14	-2.21	0.00	50	81	21.06	3.84
Canada	8	7	-1.53	-1.66	3	3	1.80	0.00	1	1	3.90	1.29
United States	65	81	21.50	1.74	11	11	-2.93	0.00	49	80	21.59	3.87
LATIN AMERICA	1 362	1 636	0.51	1.59	297	269	-4.14	-1.41	337	368	1.82	1.04
Argentina	188	211	-1.28	0.88	0	0	..	..	138	152	1.51	1.78
Brazil	590	748	-0.17	2.21	96	51	8.29	-6.87	6	16	-21.25	6.74
Chile	67	71	-4.26	0.58	4	4	-6.65	5.63	6	3	-10.47	-5.33
Colombia	44	45	0.43	0.01	20	28	7.04	2.93	2	2	14.05	-2.39
Mexico	232	276	1.27	1.25	31	34	-3.79	-0.75	16	10	6.42	0.00
Paraguay	11	16	422.84	2.67	0	0	-31.66	..	10	17	35.56	2.64
Peru	0	0	..	..	34	45	9.30	2.10	0	0	..	..
EUROPE	756	682	-2.14	-0.97	48	59	-9.66	1.76	338	285	-4.58	-1.23
European Union ¹	603	520	-1.94	-1.40	14	12	-11.02	0.00	256	202	-5.57	-1.90
United Kingdom	32	35	-8.65	1.02	8	5	-15.84	0.31	19	17	-12.94	0.62
Russia	57	59	-0.58	0.06	22	37	-7.74	3.08	21	21	56.83	0.00
Ukraine	7	5	-6.15	2.18	1	..	..	-0.79	3	2	5.39	0.80
AFRICA	23	24	-0.65	0.22	580	681	-0.42	2.23	17	15	-3.95	-2.20
Egypt	0	0	..	..	36	33	-9.16	2.65	3	4	-1.55	-2.58
Ethiopia	0	0	..	..	2	2	12.98	2.07	0	0	..	..
Nigeria	0	0	..	..	54	48	-5.98	2.22	..	..	..	..
South Africa	7	6	-0.82	-0.30	4	6	5.03	1.30	6	4	-4.24	-1.29
ASIA	1 246	1 807	-3.03	3.58	1 801	1 590	2.21	0.04	381	348	2.72	-0.50
China ²	1 078	1 653	-3.56	3.77	671	361	3.91	-2.32	4	8	-1.88	-0.09
India	5	7	5.33	3.16	0	0	..	..	2	4	-0.10	6.71
Indonesia	72	77	-0.85	2.35	83	99	7.58	0.75	1	0	-21.21	..
Iran	1	1	0.38	1.39	6	8	8.42	0.00	7	9	10.69	0.14
Japan	40	13	0.59	0.00	3	4	74.41	0.00	0	0	..	..
Kazakhstan	32	37	5.57	1.64	3	8	-3.13	3.86	1	1	..	-0.89
Korea	4	4	-2.47	0.00	5	6	11.40	1.04	0	0	..	..
Malaysia	0	0	..	..	47	57	3.12	1.08	23	19	2.10	-1.07
Pakistan	0	0	..	..	0	0	-25.92	..	0	0	-28.70	..
Philippines	0	0	..	..	14	12	-7.52	2.36	5	1	-15.80	-2.31
Saudi Arabia	0	0	..	..	111	134	-0.25	1.47	12	10	-5.26	-1.44
Thailand	0	0	..	..	69	69	6.03	0.02	3	1	-2.29	0.89
Türkiye	2	2	279.95	1.89	0	0	-23.82	..	1	1	-0.84	..
Viet Nam	0	0	..	..	64	59	4.89	0.31	17	17	7.94	0.00
OCEANIA	1 551	1 551	0.72	0.71	51	34	13.36	0.29	1 529	1 548	0.73	0.71
Australia	38	34	-9.52	-1.24	42	22	19.73	-0.50	38	31	-6.84	-1.23
New Zealand	1 513	1 517	1.15	0.76	3	3	3.16	0.00	1490	1517	1.00	0.76
DEVELOPED COUNTRIES	2 459	2 378	0.05	0.23	125	125	-1.70	1.12	1 923	1 919	-0.17	0.51
DEVELOPING COUNTRIES	2 552	3 410	-1.41	2.60	2 666	2 521	0.70	0.40	730	727	2.15	0.22
LEAST DEVELOPED COUNTRIES	8	9	-0.90	0.45	281	327	3.60	2.68	7	6	-5.42	-2.49
OECD³	2 664	2 620	0.02	0.31	151	139	-0.33	0.47	1 880	1 863	-0.36	0.49

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand and Australia. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.34.2 Whole milk powder projections: Consumption, food*Calendar year*

	CONSUMPTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	5 149	5 787	-0.62	1.56	0.6	0.6	-1.62	0.71
NORTH AMERICA	37	21	3.88	-5.56	0.1	0.0	2.44	-7.37
Canada	10	9	-1.11	-1.41	0.2	0.2	-2.42	-2.19
United States	27	12	6.65	-7.90	0.1	0.0	5.03	-11.07
LATIN AMERICA	1 323	1 537	-0.99	1.12	1.9	2.0	-1.88	0.47
Argentina	50	59	-6.89	-1.14	1.0	1.1	-8.09	-1.91
Brazil	680	783	1.25	1.18	3.0	3.3	0.57	0.73
Chile	65	72	-3.89	1.19	3.1	3.4	-5.15	0.92
Colombia	62	71	2.25	1.12	1.1	1.2	0.87	0.58
Mexico	246	300	0.23	1.04	1.8	2.0	-0.71	0.42
Paraguay	1	0	7.74	..	0.1	0.0	3.11	0.00
Peru	34	45	9.30	2.10	0.9	1.1	7.81	1.16
EUROPE	466	456	-1.32	-0.49	0.6	0.6	-1.44	-0.33
European Union ¹	361	330	0.67	-1.03	0.7	0.7	0.56	-0.87
United Kingdom	21	24	-8.24	1.13	0.3	0.3	-9.24	0.87
Russia	58	75	-7.22	1.42	0.4	0.5	-7.61	1.75
Ukraine	4	4	-10.37	2.48	0.1	0.1	-8.81	2.86
AFRICA	586	690	-0.31	2.27	0.4	0.3	-2.72	0.04
Egypt	33	29	-11.65	3.63	0.3	0.2	-13.48	2.21
Ethiopia	2	2	13.15	2.09	0.0	0.0	10.12	0.00
Nigeria	54	48	-5.98	2.23	0.2	0.1	-8.64	-0.02
South Africa	6	8	21.82	1.49	0.1	0.1	30.80	0.64
ASIA	2 665	3 048	-0.60	2.07	0.5	0.5	-1.34	1.50
China ²	1 745	2 006	-1.33	2.39	1.1	1.3	-1.54	2.53
India	4	4	12.72	0.73	0.0	0.0	11.93	0.00
Indonesia	155	176	3.71	1.42	0.5	0.5	3.06	0.73
Iran	0	0	..	..	0.0	0.0	-72.19	0.00
Japan	42	17	1.58	0.00	0.3	0.1	1.99	0.59
Kazakhstan	35	44	4.43	2.02	1.7	1.9	3.22	0.98
Korea	9	9	3.62	0.37	0.2	0.1	3.80	0.06
Malaysia	24	37	3.79	2.40	0.6	0.9	2.50	1.57
Pakistan	..	..	-15.24	..	0.0	0.0	-15.18	0.00
Philippines	9	11	5.41	3.10	0.1	0.1	4.46	1.80
Saudi Arabia	99	124	0.51	1.73	2.6	2.8	-1.03	0.50
Thailand	66	67	6.39	0.01	0.9	0.9	6.17	0.00
Türkiye	1	1	..	0.46	0.0	0.0	152.82	0.00
Viet Nam	47	42	3.89	0.43	0.4	0.4	3.26	0.00
OCEANIA	72	36	7.77	0.33	1.6	0.7	6.16	-0.77
Australia	41	24	6.91	-0.59	1.6	0.8	5.48	-1.45
New Zealand	25	3	10.05	1.65	4.7	0.6	8.16	0.99
DEVELOPED COUNTRIES	661	584	0.28	-0.46	0.4	0.4	-0.08	-0.62
DEVELOPING COUNTRIES	4 488	5 203	-0.75	1.81	0.6	0.7	-1.89	0.82
LEAST DEVELOPED COUNTRIES	282	329	3.75	2.73	0.3	0.3	1.38	0.56
OECD³	935	896	0.67	-0.04	0.6	0.6	0.17	-0.24

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand and Australia. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.35 Whey powder projections: Production and trade*Calendar year*

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	3 493	3 817	2.23	0.72	1 717	1 962	2.91	1.59	2 012	2 256	1.01	1.37
NORTH AMERICA	488	532	-1.09	0.86	7	7	1.47	0.87	231	257	-2.04	1.06
Canada	40	48	0.89	2.09	7	7	1.47	0.87	43	43	2.21	0.00
United States	448	484	-1.26	0.75	..	..	..	..	188	214	-2.84	1.28
LATIN AMERICA	164	193	1.03	1.38	97	143	-2.63	2.21	150	206	-2.70	2.02
Argentina	76	90	1.86	1.60	1	1	-9.64	0.00	52	62	-2.69	1.61
Brazil	0	0	..	..	14	14	-5.01	0.01	1	1	..	0.00
Chile	11	12	3.38	0.33	10	19	17.90	5.74	15	23	3.18	3.80
Colombia	0	0	..	..	8	..	-2.97	-48.77	8	0	-2.97	-50.63
Mexico	59	72	1.00	1.30	31	66	-7.61	3.28	31	66	-7.61	3.28
Paraguay	0	0	..	..	1	1	11.66	0.00	0	0	..	..
Peru	0	0	..	..	11	14	3.03	2.07	11	14	3.04	2.07
EUROPE	2 470	2 654	2.67	0.59	142	157	-4.86	0.89	939	997	1.23	0.69
European Union ¹	2 192	2 327	2.73	0.48	44	52	-5.81	1.27	691	702	3.01	0.35
United Kingdom	77	84	1.37	0.73	45	37	3.51	-1.94	45	41	-0.93	-1.22
Russia	1	1	0.60	0.00	30	29	-12.64	0.00	30	29	-12.64	0.00
Ukraine	23	25	-1.80	0.86	5	12	25.10	7.84	28	37	2.24	2.64
AFRICA	3	3	3.76	0.95	95	167	10.52	5.46	65	131	9.55	6.67
Egypt	0	0	..	..	26	53	7.27	6.62	26	53	7.27	6.62
Ethiopia	0	0	..	..	1	1	22.06	0.00	0	0	..	..
Nigeria	0	0	..	..	10	21	8.54	6.77	10	21	8.54	6.77
South Africa	3	3	3.77	0.95	17	21	11.13	1.90	1	0	-15.41	..
ASIA	211	268	7.23	1.42	1 349	1 459	4.29	1.28	583	620	2.62	1.60
China ²	92	109	2.44	1.12	740	845	7.32	1.30	1	1	1.72	0.00
India	2	2	9.74	0.00	13	13	7.15	0.00	0	0	..	..
Indonesia	0	0	..	..	136	163	3.04	1.49	136	163	3.04	1.49
Iran	13	14	7.85	1.12	4	8	6.63	6.30	6	10	0.55	4.34
Japan	19	19	369.78	0.00	56	58	0.19	0.00	0	0	..	..
Kazakhstan	0	0	..	..	12	21	7.36	5.14	12	21	7.36	5.14
Korea	0	0	..	..	38	39	1.75	0.00	0	0	..	..
Malaysia	0	0	..	..	95	133	3.64	3.04	95	133	3.64	3.04
Pakistan	0	0	..	..	20	8	-2.70	-8.75	20	8	-2.70	-8.75
Philippines	0	0	..	..	59	59	7.32	-0.31	59	59	7.32	-0.31
Saudi Arabia	0	0	..	..	7	8	5.87	1.67	7	8	5.88	1.67
Thailand	0	0	..	..	3	0	-30.87	..	3	0	-30.88	..
Türkiye	85	123	11.15	2.00	3	8	20.28	8.89	88	132	14.62	2.33
Viet Nam	0	0	..	..	76	0	7.92	..	76	0	7.92	..
OCEANIA	157	166	3.03	0.50	28	27	1.78	-0.14	44	45	0.56	0.46
Australia	125	129	3.25	0.34	9	9	-2.67	0.00	30	29	-1.67	0.14
New Zealand	33	38	2.26	1.09	18	18	4.62	-0.22	14	16	9.31	1.10
DEVELOPED COUNTRIES	3 138	3 375	2.10	0.63	273	319	-1.75	1.41	1 238	1 348	0.65	0.92
DEVELOPING COUNTRIES	355	442	3.45	1.47	1 444	1 643	4.04	1.62	773	908	1.62	2.06
LEAST DEVELOPED COUNTRIES	0	0	..	..	23	30	5.44	2.29	14	17	4.67	1.83
OECD³	3 112	3 360	2.20	0.61	277	324	-1.20	0.77	1 160	1 273	1.32	0.75

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand and Australia. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.36. Fresh dairy products projections: Production and food consumption*Calendar year*

	PRODUCTION (kt)		Growth (%) ⁴		FOOD CONSUMPTION		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	481 947	586 595	2.26	1.78	58.1	64.7	1.21	0.98
NORTH AMERICA	24 834	23 773	-1.13	-0.37	64.0	57.9	-1.73	-0.89
Canada	2 690	2 653	-1.06	-0.02	68.3	61.8	-1.96	-0.79
United States	22 144	21 120	-1.13	-0.42	63.5	57.4	-1.71	-0.90
LATIN AMERICA	50 006	52 866	1.04	0.45	72.4	71.2	0.18	-0.18
Argentina	1 624	1 698	0.80	0.38	27.5	27.1	0.39	-0.11
Brazil	28 975	29 489	1.62	0.07	130.5	126.4	0.93	-0.35
Chile	517	602	3.23	1.28	25.1	28.3	1.93	0.99
Colombia	5 880	6 575	0.44	1.02	109.0	115.0	-0.94	0.46
Mexico	3 436	3 258	-0.11	-0.46	25.7	22.8	-1.12	-1.07
Paraguay	454	570	-1.31	2.67	62.9	70.1	-2.71	1.60
Peru	1 936	2 511	2.01	2.50	53.9	63.2	0.56	1.56
EUROPE	85 743	81 935	-0.22	-0.44	108.5	105.6	-0.42	-0.27
European Union ¹	40 958	39 188	0.61	-0.43	82.3	80.3	0.11	-0.24
United Kingdom	6 215	6 417	-1.13	-0.12	92.2	92.6	-1.37	-0.31
Russia	24 650	22 179	-0.51	-0.92	167.7	156.0	-0.53	-0.62
Ukraine	6 462	6 994	-1.78	0.78	156.5	180.4	-0.03	1.08
AFRICA	36 720	46 388	1.41	2.24	24.4	24.1	-1.09	0.00
Egypt	1 258	1 704	-1.07	3.29	10.6	12.2	-2.97	1.80
Ethiopia	3 962	5 467	3.45	3.07	30.2	32.4	0.68	0.75
Nigeria	226	296	0.09	2.81	0.9	0.9	-2.70	0.55
South Africa	3 060	3 425	1.39	1.10	48.5	49.0	0.27	0.18
ASIA	280 933	378 345	3.89	2.69	57.7	73.0	3.09	2.13
China ²	31 544	34 672	6.02	0.27	20.8	23.3	6.07	0.53
India	144 500	207 245	4.99	3.35	99.1	130.3	3.95	2.54
Indonesia	1 156	1 417	1.87	1.42	3.6	4.1	1.22	0.73
Iran	1932	2106	0.24	0.89	20.5	21.0	-0.91	0.37
Japan	4 595	4 419	-0.88	-0.53	35.7	36.5	-0.50	0.05
Kazakhstan	5 361	6 915	2.42	2.20	267.3	307.5	1.21	1.15
Korea	499	457	5.67	-1.75	9.3	8.4	5.84	-1.84
Malaysia	48	56	-5.05	2.10	1.3	1.4	-6.24	1.19
Pakistan	45 907	65 748	2.55	3.21	189.7	222.1	0.94	1.36
Philippines	16	20	-3.92	3.20	0.1	0.1	-5.22	1.83
Saudi Arabia	1 998	2 460	5.80	1.80	52.4	56.2	4.21	0.56
Thailand	1 073	1 222	-0.07	1.63	14.0	15.9	-0.32	1.62
Türkiye	15 222	17 421	2.16	1.39	172.6	186.7	1.18	0.89
Viet Nam	1 150	1 733	7.26	4.19	10.7	15.2	6.62	3.69
OCEANIA	3 710	3 289	1.43	-1.40	65.3	60.0	-1.16	-0.84
Australia	3 120	2 678	1.18	-1.75	101.5	95.4	-0.63	-0.64
New Zealand	581	598	2.96	0.19	40.9	37.8	-4.28	-0.90
DEVELOPED COUNTRIES	142 578	142 513	-0.05	-0.03	93.6	92.4	-0.49	-0.13
DEVELOPING COUNTRIES	339 369	444 082	3.37	2.44	50.2	59.1	2.19	1.47
LEAST DEVELOPED COUNTRIES	21 580	28 613	1.06	2.72	21.4	22.4	-1.33	0.54
OECD³	107 835	107 475	0.23	-0.06	71.8	70.5	-0.39	-0.18

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand and Australia. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.37. Cow milk projections: Production, inventories, yield
Calendar year

	PRODUCTION (kt)		Growth (%) ⁴		INVENTORIES ('000 hd)		Growth (%) ⁴		YIELD (t/head)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	884 199	1 049 667	1.97	1.60	340 584	388 820	0.73	1.34	2.60	2.70	1.23	0.25
NORTH AMERICA	114 071	128 508	1.31	1.15	10 389	10 521	0.18	0.20	10.98	12.21	1.13	0.96
Canada	11 098	13 326	2.70	1.73	971	965	0.35	-0.05	11.42	13.81	2.34	1.79
United States	102 973	115 182	1.17	1.09	9 418	9 556	0.16	0.22	10.94	12.07	0.98	0.89
LATIN AMERICA	86 672	94 711	1.07	0.93	34 924	35 402	-1.91	0.24	2.48	2.68	3.03	0.69
Argentina	11 401	12 241	0.37	1.08	1 713	1 695	-0.48	-0.10	6.65	7.22	0.91	1.18
Brazil	36 808	40 095	1.13	0.80	15 976	15 625	-3.80	-0.19	2.30	2.56	5.56	0.99
Chile	2 251	2 464	1.31	0.73	623	597	-2.48	-0.19	3.67	4.12	4.41	1.04
Colombia	7 034	7 751	0.43	0.98	3 577	3 467	-2.59	0.01	1.97	2.23	4.94	1.03
Mexico	13 155	13 611	1.91	0.45	2 675	2 706	1.21	0.25	4.95	5.04	0.71	0.31
Paraguay	547	705	1.06	2.67	217	265	-0.27	2.23	2.53	2.68	1.50	0.50
Peru	2 238	2 823	2.37	2.30	953	1 063	1.06	1.38	2.38	2.67	1.36	1.02
EUROPE	224 238	225 751	0.51	0.02	32 748	29 819	-1.56	-0.81	6.85	7.57	2.10	0.84
European Union ¹	151 301	150 778	0.73	-0.09	19 801	17 701	-1.06	-1.08	7.61	8.47	1.76	1.00
United Kingdom	15 625	16 219	0.53	0.04	1 854	1 708	-0.21	-0.82	8.43	9.49	0.61	0.90
Russia	32 686	32 873	1.16	0.00	6 204	5 730	-2.44	-0.48	5.20	5.72	3.68	0.49
Ukraine	7 750	7 908	-4.27	0.91	1 603	1 484	-4.80	-0.03	4.73	5.31	0.61	0.97
AFRICA	38 813	47 759	1.20	2.01	62 546	74 492	-0.26	1.66	0.62	0.64	1.46	0.34
Egypt	5 131	5 788	-0.22	1.39	2 398	2 401	-4.91	0.33	2.14	2.41	4.85	1.08
Ethiopia	4 023	5 582	3.59	3.14	9 063	10 921	-3.66	2.22	0.46	0.52	7.74	1.04
Nigeria	533	631	-0.12	1.77	2 294	2 716	0.39	1.90	0.23	0.23	-0.19	-0.03
South Africa	3 810	4 197	1.37	1.07	1 014	1 041	0.70	0.57	3.77	4.04	0.76	0.58
ASIA	389 945	522 603	3.66	2.68	193 743	232 727	2.21	1.83	2.01	2.25	1.42	0.83
China ²	39 373	47 096	3.31	1.14	14 047	14 595	1.06	0.34	2.81	3.23	2.74	0.80
India	207 759	291 804	4.83	3.23	105 147	129 933	2.52	2.16	1.99	2.27	2.20	1.07
Indonesia	1 060	1 321	1.62	2.23	717	790	1.33	1.27	1.49	1.68	-0.02	1.04
Iran	7 169	8 170	0.78	1.41	1 962	2 034	0.92	0.46	3.61	4.03	0.21	0.94
Japan	7 633	7 248	0.52	-0.25	837	772	-0.51	-0.50	9.06	9.36	1.03	0.25
Kazakhstan	6 340	7 963	3.00	2.14	2 672	2 951	2.55	1.15	2.40	2.71	0.43	1.00
Korea	1 945	1 839	-1.47	-0.53	239	217	-1.00	-0.88	8.10	8.42	-0.47	0.35
Malaysia	48	56	-5.05	2.10	42	43	-6.07	1.00	1.14	1.30	1.57	1.10
Pakistan	60 189	84 522	2.72	2.93	31 971	40 176	3.29	2.04	1.91	2.12	-0.57	0.87
Philippines	16	20	-3.92	3.20	6	6	-0.49	2.08	2.80	3.23	-3.54	1.25
Saudi Arabia	2 628	3 351	3.28	2.36	212	245	-2.38	1.43	12.33	13.78	5.98	0.96
Thailand	1 147	1 309	-0.03	1.63	222	223	-0.13	0.63	5.19	5.87	0.32	1.12
Türkiye	20 404	25 746	2.56	1.92	6 681	7 536	2.46	0.91	3.09	3.43	0.18	1.01
Viet Nam	1 150	1 733	7.26	4.19	350	467	2.94	3.07	3.29	3.76	3.43	1.13
OCEANIA	30 461	30 334	-0.50	0.16	6 234	5 859	-1.11	-0.27	4.89	5.18	0.63	0.43
Australia	8 606	8 031	-1.86	-0.65	1 301	1 123	-2.98	-0.94	6.51	7.15	1.08	0.46
New Zealand	21 834	22 282	0.11	0.46	4 883	4 677	-0.56	-0.13	4.46	4.76	0.62	0.68
DEVELOPED COUNTRIES	407 721	429 497	0.79	0.49	63 261	61 030	-0.77	-0.23	6.45	7.04	1.57	0.73
DEVELOPING COUNTRIES	476 479	620 170	3.07	2.44	277 324	327 790	1.10	1.66	1.72	1.89	1.95	0.76
LEAST DEVELOPED COUNTRIES	20 570	26 873	1.51	2.72	52 023	63 920	1.21	1.98	0.40	0.42	0.30	0.72
OECD³	370 706	391 446	0.88	0.50	53 728	51 851	-0.48	-0.29	6.90	7.55	1.38	0.79

.. Not available

Note : Calendar year; except year ending 30 June for New Zealand and Australia. Average 2021-23est: Data for 2023 are estimated.

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3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.38. Main policy assumptions for dairy markets
Calendar year

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
CANADA												
Milk target price ²	CADc/litre	84.5	95.0	97.1	99.1	101.3	103.5	105.7	108.1	110.4	112.7	115.2
Butter support price	CAD/t	9 379.8	10 423.4	10 752.8	11 091.2	11 440.3	11 782.1	12 128.7	12 503.7	12 874.2	13 260.2	13 650.2
Cheese tariff-quota	kt pw	50.4	57.1	58.4	59.1	59.7	60.4	61.0	61.7	62.1	62.5	62.6
In-quota tariff	%	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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 UNION												
Voluntary coupled support												
Milk and milk products ³	mln EUR	752.9	829.8	835.0	838.4	824.3	824.3	824.3	824.3	824.3	824.3	824.3
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	1 400.0	1 400.0	1 400.0	1 400.0	1 400.0	1 400.0	1 400.0	1 400.0	1 400.0	1 400.0	1 400.0
Butter tariff-quotas	kt pw	63.6	63.7	63.7	63.8	63.8	63.9	63.9	64.0	64.0	64.1	64.1
Cheese tariff-quotas	kt pw	104.3	105.0	105.3	105.6	106.0	106.3	106.6	106.9	107.0	107.1	107.2
JAPAN												
Direct payments ⁵	JPY/kg	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
Cheese tariff ⁶	%	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
Tariff-quotas												
Butter	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	%	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	%	205.6	189.6	186.2	192.6	196.0	199.0	201.1	205.0	209.2	213.2	217.8
SMP	kt pw	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
In-quota tariff	%	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
Out-of-quota tariff	%	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0
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	%	45.0	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	%	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
Liconsa social program	mln MXN	1 271.6	1 287.0	1 287.0	1 287.0	1 287.0	1 287.0	1 287.0	1 287.0	1 287.0	1 287.0	1 287.0
RUSSIA												
Butter tariff	%	15.0	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 STATES⁷												
Butter tariff-quota	kt pw	8.5	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
In-quota tariff	%	2.4	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.3
Out-of-quota tariff	%	29.5	32.5	32.2	31.9	31.6	31.3	30.9	30.5	30.1	29.7	29.3
Cheese tariff-quota	kt pw	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
In-quota tariff	%	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
Out-of-quota tariff	%	31.8	34.2	34.0	33.8	33.4	32.9	32.4	31.9	31.4	31.0	30.5
INDIA												
Butter tariff	%	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Cheese tariff	%	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	%	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
Whole milk powder tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SOUTH AFRICA												
Butter tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cheese tariff	%	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
Skim milk powder tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Whole milk powder tariff	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Note: Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. For manufacturing milk.

3. Implemented in 19 Member States. The maximum quantity limit is 11.695 million dairy cow heads.

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.

5. In April 2017, in addition to skim milk powder, butter and cheese, milk used for fresh cream, concentrated skim mik and concentrated whole milk production became covered by the direct payments.

6. Excludes processed cheese.

7. A milk margin (all-milk price minus the average feed margin) protection program applies, which has been updated February 2018, and provides a dairy safety net to farmers. Farmers have to decide on enrolment and coverage levels.

Source: OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.39.1 Fish and seafood projections: Production*Calendar year*

	TOTAL (kt)		Growth (%) ⁴		AQUACULTURE (kt)		Growth (%) ⁴		CAPTURE (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	184 623	206 225	1.64	1.10	93 985	112 430	3.59	1.80	90 638	93 795	-0.12	0.31
NORTH AMERICA	5 650	5 955	-1.82	0.24	642	675	0.85	1.23	5 008	5 280	-2.12	0.12
Canada	902	1 029	-1.99	1.15	179	218	0.48	1.90	723	811	-2.50	0.96
United States	4 749	4 927	-1.78	0.05	463	457	1.03	0.92	4 286	4 469	-2.05	-0.03
LATIN AMERICA	16 993	18 687	2.91	0.61	4 229	4 896	6.53	1.17	12 764	13 791	1.85	0.41
Argentina	855	906	0.69	0.44	5	6	3.28	0.00	850	900	0.67	0.44
Brazil	1 471	1 614	1.76	1.01	711	829	3.38	1.72	761	785	0.39	0.31
Chile	3 674	3 753	2.92	0.77	1 505	1 653	4.50	0.97	2 169	2 100	1.91	0.58
Colombia	323	352	8.47	0.18	202	217	10.98	0.25	120	135	5.04	0.07
Mexico	1 948	1 892	1.77	0.03	274	284	4.69	0.24	1 674	1 608	1.32	0.00
Paraguay	36	44	5.11	1.22	18	26	11.90	2.18	18	18	0.48	0.00
Peru	5 368	6 183	2.83	0.30	145	176	5.16	1.95	5 223	6 007	2.77	0.25
EUROPE	17 352	18 175	0.00	0.79	3 519	3 880	2.36	1.59	13 834	14 296	-0.53	0.59
European Union ¹	4 741	5 208	-2.65	1.20	1 137	1 240	0.62	1.06	3 603	3 968	-3.52	1.24
United Kingdom	839	873	-1.78	0.52	217	236	-0.13	1.78	622	637	-2.30	0.08
Russia	5 346	5 596	1.98	0.67	315	347	9.93	1.00	5 031	5 249	1.61	0.65
Ukraine	49	77	-14.87	4.67	15	17	-6.32	3.47	35	60	-17.67	5.28
AFRICA	12 984	14 302	2.47	0.93	2 347	2 885	3.61	2.44	10 636	11 417	2.23	0.58
Egypt	2 003	2 380	3.61	2.13	1 582	1 956	3.82	2.58	420	424	2.89	0.25
Ethiopia	97	123	9.21	0.94	1	2	39.54	7.32	97	121	9.08	0.86
Nigeria	1 065	1 187	-0.14	0.82	262	289	-2.60	1.43	803	898	0.79	0.63
South Africa	509	550	-1.75	-0.28	8	14	5.34	4.49	501	537	-1.83	-0.38
ASIA	129 881	147 290	1.80	1.26	83 007	99 812	3.54	1.82	46 874	47 478	-0.78	0.16
China ²	65 480	74 620	1.24	1.37	52 506	62 120	2.56	1.70	12 975	12 500	-3.02	-0.16
India	15 447	18 552	5.83	1.43	10 254	13 176	9.88	1.80	5 193	5 376	0.24	0.55
Indonesia	12 750	14 876	1.88	1.55	5 503	7 210	2.73	2.94	7 247	7 666	1.28	0.39
Iran	1 274	1 307	3.45	0.29	482	500	4.63	0.32	793	807	2.79	0.27
Japan	3 623	3 386	-1.79	-0.84	620	641	-1.12	-0.01	3 003	2 745	-1.93	-1.03
Kazakhstan	50	55	3.44	0.64	8	13	39.21	3.04	42	42	1.17	0.00
Korea	1 887	1 935	-1.38	0.07	586	635	2.42	0.95	1 302	1 300	-2.72	-0.33
Malaysia	1 577	1 610	-1.40	0.25	250	285	0.16	2.66	1 328	1 325	-1.66	-0.20
Pakistan	671	693	0.34	0.43	166	193	1.26	1.67	505	500	0.06	0.00
Philippines	2 650	3 057	-1.35	1.46	848	1 123	0.92	3.06	1 802	1 934	-2.27	0.65
Saudi Arabia	184	261	8.76	2.95	119	196	21.09	3.96	65	65	-1.23	0.38
Thailand	2 402	2 625	-0.36	0.76	1 002	1 175	1.36	1.65	1 400	1 450	-1.45	0.09
Türkiye	846	1 049	5.38	2.39	512	661	11.21	3.06	334	388	-0.24	1.33
Viet Nam	8 601	8 956	4.41	0.48	5 025	5 096	5.48	0.23	3 576	3 860	3.03	0.81
OCEANIA	1 763	1 816	1.81	0.58	241	281	3.38	1.86	1 522	1 534	1.58	0.36
Australia	289	317	2.89	1.04	126	147	6.18	1.92	163	170	0.86	0.33
New Zealand	455	520	-2.33	1.49	111	130	0.97	1.85	344	390	-3.22	1.37
DEVELOPED COUNTRIES	28 392	29 523	-0.52	0.50	5 222	5 767	2.04	1.49	23 170	23 756	-1.02	0.27
DEVELOPING COUNTRIES	156 231	176 702	2.07	1.20	88 763	106 662	3.69	1.81	67 468	70 040	0.20	0.32
LEAST DEVELOPED COUNTRIES	14 518	16 940	2.73	1.57	4 776	6 352	4.38	3.26	9 743	10 588	2.00	0.68
OECD³	28 334	29 412	-0.44	0.48	7 576	8 307	2.70	1.26	20 758	21 105	-1.41	0.19

.. 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.

All data are in live weight equivalent. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.
2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.
3. Excludes Costa Rica.
4. Least-squares growth rate (see glossary).

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.39.2 Fish and seafood projections: Trade*Calendar year*

	IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	44 852	45 890	1.28	0.41	43 443	45 190	0.96	0.65
NORTH AMERICA	6 815	7 434	2.09	1.04	2 426	2 520	-2.69	0.27
Canada	702	711	0.74	0.08	755	797	-1.29	0.46
United States	6 113	6 723	2.26	1.15	1 670	1 723	-3.26	0.18
LATIN AMERICA	2 314	2 498	-1.05	0.95	5 766	6 634	4.12	0.74
Argentina	63	50	-0.57	0.00	576	586	-0.66	0.05
Brazil	471	597	-6.34	1.24	70	125	7.29	5.95
Chile	193	164	6.86	-1.19	1 884	2 055	4.12	1.32
Colombia	248	247	0.38	0.43	56	54	-2.57	-0.15
Mexico	522	730	0.61	3.33	261	215	4.17	-0.47
Paraguay	4	6	-0.33	3.87	0	0	..	..
Peru	144	71	-0.10	-1.05	733	959	2.53	-1.42
EUROPE	11 363	10 513	0.00	-0.40	10 280	10 420	0.36	0.64
European Union ¹	7 983	7 506	0.08	-0.47	2 438	2 438	-0.74	0.58
United Kingdom	1 114	1 102	-1.33	0.49	723	668	-3.06	-0.69
Russia	785	600	-2.34	-0.61	2 267	2 617	1.63	1.59
Ukraine	494	413	3.56	-1.53	20	13	-4.79	-1.10
AFRICA	4 603	6 374	-0.42	2.61	3 167	2 873	3.15	-0.74
Egypt	484	870	-3.53	4.42	27	23	-4.73	0.00
Ethiopia	6	10	13.01	2.28	0	0	-21.43	..
Nigeria	503	584	-7.08	1.51	4	4	-12.32	0.00
South Africa	280	275	0.83	2.35	155	154	-1.27	0.77
ASIA	19 103	18 401	2.70	-0.08	20 784	21 775	0.68	0.87
China ²	6 090	5 216	6.97	-1.49	7 268	8 504	-1.21	2.12
India	77	100	11.67	3.55	1 507	1 862	4.98	0.27
Indonesia	237	202	4.11	0.09	1 328	1 153	1.20	-0.13
Iran	16	25	-21.40	0.00	144	149	6.90	0.41
Japan	3 303	3 568	-1.08	1.01	771	732	0.73	-0.29
Kazakhstan	69	75	1.59	0.70	40	38	0.76	-0.68
Korea	1 903	1 642	1.46	-0.40	841	772	3.58	0.99
Malaysia	813	1 110	4.73	3.55	397	454	4.50	3.32
Pakistan	7	6	-4.26	0.00	210	156	2.74	-2.84
Philippines	585	703	4.35	2.32	317	283	-2.28	-1.41
Saudi Arabia	320	309	0.02	0.14	50	50	-0.28	0.00
Thailand	2 159	1 936	2.77	-0.28	1 783	1 714	-2.17	0.39
Türkiye	137	112	3.26	-1.51	351	385	10.19	1.61
Viet Nam	617	606	8.01	0.50	3 438	3 426	3.19	0.33
OCEANIA	652	670	-1.01	-0.11	1 021	969	0.76	0.48
Australia	466	468	-0.40	-0.17	73	48	1.99	-2.44
New Zealand	59	54	2.09	-0.60	349	395	-2.76	1.88
DEVELOPED COUNTRIES	22 681	22 750	0.47	0.33	14 116	14 330	-0.28	0.54
DEVELOPING COUNTRIES	22 171	23 140	2.14	0.49	29 328	30 860	1.60	0.70
LEAST DEVELOPED COUNTRIES	1 429	2 225	0.72	2.71	1 964	1 848	6.18	-0.65
OECD³	23 412	23 686	0.61	0.38	13 323	13 311	0.28	0.52

.. 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. All data are in live weight equivalent. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Costa Rica.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.39.3 Fish and seafood projections: Reduction, food consumption*Calendar year*

	REDUCTION (kt)		Growth (%) ⁴		FOOD (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	16 804	17 497	1.96	0.36	165 418	186 333	1.72	1.15	20.8	21.4	0.68	0.32
NORTH AMERICA	987	1 017	-0.05	0.10	8 719	9 552	1.41	0.87	23.1	23.9	0.76	0.36
Canada	14	14	-9.63	0.83	833	928	0.13	0.92	21.7	22.1	-0.91	0.14
United States	972	1 003	0.14	0.10	7 886	8 624	1.55	0.87	23.3	24.2	0.95	0.38
LATIN AMERICA	6 026	6 284	2.98	0.19	7 015	7 907	0.74	1.05	10.6	11.1	-0.13	0.41
Argentina	0	0	0.00	0.00	342	370	2.97	1.03	7.5	7.6	2.22	0.47
Brazil	98	100	3.72	1.31	1 775	1 985	-1.20	0.82	8.2	8.8	-1.89	0.38
Chile	1 439	1 359	1.75	-0.55	295	353	3.24	1.88	15.1	17.5	1.92	1.59
Colombia	0	0	0.00	0.00	516	545	5.44	0.33	10.0	9.9	4.03	-0.22
Mexico	328	272	10.61	-0.10	1881	2135	0.20	1.08	14.7	15.6	-0.65	0.45
Paraguay	0	0	0.00	0.00	40	50	4.42	1.52	6.0	6.5	3.03	0.45
Peru	3 883	4 245	2.77	0.37	895	1051	2.62	1.27	26.3	27.9	1.14	0.34
EUROPE	2 708	3 057	2.00	1.01	15 322	14 984	-0.48	0.03	20.6	20.5	-0.52	0.16
European Union ¹	529	631	-4.61	1.20	9 693	9 565	-0.73	0.04	21.7	21.7	-0.87	0.17
United Kingdom	0	0	0.00	0.00	1 229	1 306	-0.46	1.18	18.2	18.7	-0.95	0.90
Russia	700	760	9.81	0.68	3 098	2 804	-0.12	-0.39	21.4	20.0	-0.13	-0.10
Ukraine	0	0	0.00	0.00	523	478	0.67	-0.81	13.0	12.7	2.48	-0.51
AFRICA	587	634	-4.34	-0.19	13 536	16 876	1.52	1.93	9.6	9.3	-0.98	-0.29
Egypt	0	0	0.00	0.00	2 459	3 227	1.87	2.72	22.2	24.7	0.02	1.23
Ethiopia	0	0	0.00	0.00	103	133	9.88	1.04	0.8	0.8	7.01	-1.23
Nigeria	0	0	0.00	0.00	1563	1767	-3.02	1.04	7.2	6.3	-5.37	-1.18
South Africa	223	202	-3.92	-0.58	412	469	1.35	0.95	6.9	7.1	0.27	0.03
ASIA	6 434	6 418	2.25	0.36	119 817	135 868	2.15	1.22	25.5	27.1	1.31	0.65
China ²	1 977	2 020	-1.13	0.33	61 578	68 511	2.21	1.08	43.2	48.7	1.88	1.22
India	796	732	12.09	1.43	12 881	15 815	5.73	1.67	9.1	10.2	4.69	0.87
Indonesia	90	100	14.06	0.00	11 570	13 825	1.95	1.70	42.0	46.5	1.05	1.00
Iran	121	126	-2.31	-0.30	1 025	1 058	2.54	0.34	11.6	11.2	1.36	-0.18
Japan	748	723	0.73	-0.02	5 342	5 424	-1.83	0.13	43.1	46.6	-1.46	0.71
Kazakhstan	0	0	0.00	0.00	80	91	3.19	1.30	4.1	4.2	1.96	0.26
Korea	53	54	-15.28	0.00	2 881	2 737	0.06	-0.45	55.6	53.8	-0.18	-0.27
Malaysia	100	64	-8.66	-3.61	1 873	2 187	0.84	1.32	55.2	58.2	-0.43	0.42
Pakistan	80	80	-4.21	0.00	389	463	0.29	1.88	1.6	1.6	-1.30	0.05
Philippines	0	0	0.00	0.00	2 918	3 476	-0.30	1.90	25.3	25.9	-1.92	0.54
Saudi Arabia	0	0	0.00	0.00	454	520	2.86	1.48	12.5	12.4	1.29	0.24
Thailand	437	382	0.55	-0.91	2 165	2 350	3.26	0.70	30.2	32.7	2.97	0.69
Türkiye	137	214	4.08	3.97	493	558	2.94	1.53	5.8	6.2	1.93	1.03
Viet Nam	1 342	1 418	6.29	0.71	4231	4618	4.55	0.97	43.1	44.4	3.61	0.48
OCEANIA	62	86	-11.20	0.47	1009	1146	0.47	0.90	22.9	23.1	-1.11	-0.16
Australia	27	28	-1.40	-0.06	655	709	0.89	0.53	25.0	24.5	-0.46	-0.34
New Zealand	31	41	-8.24	1.05	135	138	2.59	-0.24	26.0	24.7	0.83	-0.89
DEVELOPED COUNTRIES	4 787	5 133	1.02	0.59	31 241	32 106	-0.06	0.37	21.7	21.9	-0.38	0.21
DEVELOPING COUNTRIES	12 017	12 364	2.37	0.27	134 177	154 226	2.17	1.32	20.7	21.3	0.96	0.34
LEAST DEVELOPED COUNTRIES	273	291	-4.25	0.00	13 363	16 700	2.18	2.11	14.1	13.9	-0.24	-0.05
OECD³	5 158	5 401	0.88	0.49	32 510	33 741	0.00	0.42	23.1	23.4	-0.47	0.21

.. 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.

All data are in live weight equivalent. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Costa Rica.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.40.1 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 2021-23est	2033	2024-33	Average 2021-23est	2033	2024-33	Average 2021-23est	2033	2024-33
WORLD	127 242	154 660	1.47	127 814	154 268	1.45	104 240	127 479	1.56
NORTH AMERICA	61 636	64 941	0.33	59 115	62 277	0.45	56 342	58 316	0.28
Canada	1 953	2 194	1.00	3 707	5 878	4.45	3 278	5 418	4.70
United States	59 683	62 748	0.30	55 408	56 399	0.11	53 064	52 898	-0.08
LATIN AMERICA	35 374	47 811	2.21	33 279	45 465	2.13	30 005	40 489	2.26
Argentina	1 270	1 522	0.99	1257	1517	1.00	1 082	1 321	0.73
Brazil	31 681	42 659	2.14	29 265	40 052	2.09	27 332	36 575	2.21
Chile	4	6	3.85	32	19	1.08	0	0	0.00
Colombia	376	797	5.66	525	901	3.43	462	865	3.60
Mexico	167	178	0.62	455	500	0.52	257	305	0.97
Paraguay	560	1 026	6.62	349	703	9.57	324	683	10.03
Peru	210	231	1.92	275	315	1.37	201	233	1.30
EUROPE	7 792	8 689	1.04	9 769	10 438	0.43	6 528	7 199	0.59
European Union ¹	6 261	7 001	1.12	7 443	7 827	0.42	5 279	5 663	0.59
United Kingdom	690	819	0.55	1 470	1 719	0.26	1164	1414	0.32
Russia	597	575	0.15	527	527	0.16	0	0	0.00
Ukraine	134	188	2.93	80	106	5.91	60	106	5.91
AFRICA	1 286	1 600	2.23	1 587	1 869	1.88	225	265	3.10
Egypt	10	15	3.02	15	22	1.89	0	0	0.00
Ethiopia	121	169	3.09	121	169	3.08	60	96	4.09
Nigeria	49	78	4.77	253	219	1.47	0	0	0.00
South Africa	412	434	0.33	195	186	0.80	5	5	-0.29
ASIA	20 819	31 288	3.12	23 786	33 989	2.91	10938	21020	4.82
China ²	10 217	11 433	1.08	10 346	11 410	1.08	3311	4456	2.73
India	6 076	14 737	5.77	6 293	14 906	5.94	4359	12932	7.17
Indonesia	180	217	1.82	137	161	2.55	10	41	3.05
Iran	153	179	1.41	207	233	1.06	12	15	1.58
Japan	50	45	0.00	1 715	1 711	-0.09	925	938	-0.17
Kazakhstan	55	71	2.23	75	91	1.70	4	8	5.33
Korea	158	136	-1.82	579	478	-1.03	5	3	-4.91
Malaysia		3	25.43	15	17	1.90	0	0	0.00
Pakistan	578	485	-0.54	37	36	0.08	0	0	0.00
Philippines	405	641	4.59	908	1 138	2.33	641	866	2.18
Saudi Arabia		11	21.53	76	86	1.33	0	0	0.00
Thailand	1 570	1 587	0.66	1 588	1 611	0.58	1349	1385	0.66
Türkiye	151	160	-0.01	276	256	-0.01	100	85	-1.97
Viet Nam	281	364	1.94	295	360	1.61	176	235	2.50
OCEANIA	335	329	-0.64	277	231	-0.94	202	191	-1.19
Australia	328	320	-0.69	271	224	-1.02	202	191	-1.19
New Zealand	3	3	0.00	0	0	..	0	0	0.00
DEVELOPED COUNTRIES	70 326	74 578	0.41	71 237	75 049	0.43	64 010	66 661	0.31
DEVELOPING COUNTRIES	56 916	80 082	2.57	56 577	79 220	2.51	40 229	60 818	3.13
LEAST DEVELOPED COUNTRIES	677	928	3.06	777	1 048	2.66	57	86	4.14
OECD³	69 825	74 408	0.44	72 058	76 080	0.44	64 761	67 795	0.33

.. Not available

Note : Calendar year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.40.2 Ethanol projections: Share in volume terms and trade*Calendar year*

	SHARE IN GASOLINE TYPE FUEL USE (%)		IMPORTS (mIn L)		Growth (%) ⁴	EXPORTS (mIn L)		Growth (%) ⁴
	Average 2021-23est	2033	Average 2021-23est	2033	2024-33	Average 2021-23est	2033	2024-33
WORLD	..	..	10 835	12 422	1.70	10 065	12 422	1.70
NORTH AMERICA	..	..	2 369	4 109	5.66	5 027	6 765	1.89
Canada	7.1	12.4	1 843	3 774	6.88	90	90	0.00
United States	10.0	12.0	526	335	-2.98	4 937	6 675	1.92
LATIN AMERICA	..	..	1 260	1 300	-0.54	3 035	3 642	2.19
Argentina	10.9	12.0	4	10	-0.03	24	16	0.09
Brazil	47.7	52.5	384	401	-0.08	2 474	3 002	2.44
Chile	..	..	30	17	0.00	3	4	0.00
Colombia	..	..	156	116	-5.53	8	12	2.24
Mexico	0.6	0.8	289	323	0.46	1	1	0.01
Paraguay	..	..	0	0	..	211	322	2.12
Peru	..	..	233	245	0.00	168	162	0.00
EUROPE	..	..	2 696	3 011	0.27	810	884	1.45
European Union ¹	6.3	8.2	1 504	1 676	0.50	442	472	2.91
United Kingdom	7.3	11.6	1 002	1 155	0.00	195	255	0.00
Russia	0.0	0.0	1	2	-0.68	68	50	-0.02
Ukraine	..	..	1	..	..	55	81	0.00
AFRICA	..	..	571	549	0.00	270	281	0.00
Egypt	..	..	17	18	0.00	13	10	0.00
Ethiopia	..	..	1	0	..	0	0	..
Nigeria	..	..	205	141	0.00	0	0	..
South Africa	..	..	4	0	..	221	249	0.00
ASIA	..	..	3 924	3 447	0.36	824	746	-0.84
China ²	1.6	2.3	279	2	-0.08	20	25	0.05
India	..	..	332	299	8.80	115	130	-2.89
Indonesia	..	..	30	4	0.00	73	61	0.00
Iran	..	..	62	63	0.00	8	8	0.00
Japan	2.2	2.6	1 690	1 669	-0.09	1	2	0.00
Kazakhstan	..	..	22	23	0.00	3	3	0.00
Korea	0.0	0.0	399	341	-0.69	0	0	..
Malaysia	..	..	15	14	0.00	0	0	..
Pakistan	..	..	..	..	..	541	449	-0.59
Philippines	..	..	503	497	0.00	0	0	..
Saudi Arabia	..	..	76	75	0.00	0	0	..
Thailand	..	..	25	30	-2.81	7	7	1.13
Türkiye	..	..	138	111	0.00	13	14	0.00
Viet Nam	..	..	30	12	-3.71	15	17	3.63
OCEANIA	..	..	16	6	-1.04	99	105	0.06
Australia	1.3	1.3	13	4	-1.62	95	100	0.06
New Zealand	0.0	0.0	2	2	0.00	4	4	0.00
DEVELOPED COUNTRIES	..	..	6 845	8 868	2.37	6 163	8 009	1.75
DEVELOPING COUNTRIES	..	..	3 990	3 554	0.18	3 901	4 413	1.62
LEAST DEVELOPED COUNTRIES	..	..	117	130	0.00	17	10	0.00
OECD³	..	..	7 774	9 692	2.03	5 794	7 633	1.85

.. Not available

Note : Calendar year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.41.1 Biodiesel projections: Production and use*Calendar year*

	PRODUCTION (mln L)		Growth (%) ⁴	DOMESTIC USE (mln L)		Growth (%) ⁴
	Average 2021-23est	2033	2024-33	Average 2021-23est	2033	2024-33
WORLD	60 048	78 721	1.48	59 337	78 533	1.48
NORTH AMERICA	11 947	20 846	2.38	13 152	22 453	2.04
Canada	408	915	6.58	451	1 015	6.94
United States	11 539	19 931	2.22	12 701	21 437	1.86
LATIN AMERICA	9 916	12 505	2.04	8 928	11 887	2.14
Argentina	1 877	1 708	1.16	684	924	2.22
Brazil	7 049	9 451	2.12	7 060	9 427	2.11
Chile	0	0	..	0	0	..
Colombia	760	1 019	2.57	760	1019	2.57
Mexico	0	0	..	0	0	..
Paraguay	12	23	6.02	12	23	6.02
Peru	219	304	2.78	413	494	1.62
EUROPE	19 432	18 800	0.08	22 036	21 216	0.02
European Union ¹	18 820	18 134	0.01	20 305	19 173	-0.16
United Kingdom	612	666	2.21	1 463	1 827	2.21
Russia	0	0	..	0	0	..
Ukraine	0	0	..	0	0	..
AFRICA	0	0	..	0	0	..
Egypt	0	0	..	0	0	..
Ethiopia	0	0	..	0	0	..
Nigeria	0	0	..	0	0	..
South Africa	0	0	..	0	0	..
ASIA	18 735	26 552	1.60	15 210	22 966	2.08
China ²	2 522	2 719	-1.19	716	1031	1.96
India	184	201	0.30	181	201	0.48
Indonesia	11 340	17 756	2.05	10 893	17 001	2.06
Iran	0	0	..	0	0	..
Japan	23	24	-0.07	16	19	1.12
Kazakhstan	0	0	..	0	0	..
Korea	705	690	-0.50	681	665	-0.57
Malaysia	1 278	1 472	1.84	944	1279	2.28
Pakistan	0	0	..	0	0	..
Philippines	213	291	2.35	213	291	2.35
Saudi Arabia	0	0	..	0	0	..
Thailand	1 575	2 504	3.18	1566	2480	3.15
Türkiye	0	0	..	0	0	..
Viet Nam	0	0	..	0	0	..
OCEANIA	18	19	2.28	10	11	4.30
Australia	18	19	2.28	10	11	4.30
New Zealand	0	0	..	0	0	..
DEVELOPED COUNTRIES	31 420	39 689	1.23	35 214	43 699	1.01
DEVELOPING COUNTRIES	28 628	39 033	1.74	24 123	34 834	2.10
LEAST DEVELOPED COUNTRIES	0	0	..	0	0	..
OECD³	32 885	41 398	1.23	36 655	45 382	1.02

.. Not available

Note : Calendar year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.41.2 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 2021-23est	2033	Average 2021-23est	2033	2024-33	Average 2021-23est	2033	2024-33
WORLD	..	..	8 026	8 202	-0.01	8 062	8 451	-0.01
NORTH AMERICA	..	..	2 648	3 060	-0.96	1 443	1 453	-0.20
Canada	2.5	6.1	362	505	3.49	319	404	2.21
United States	7.2	12.6	2 286	2 556	-1.65	1 124	1 049	-1.00
LATIN AMERICA	..	..	194	190	0.00	1 223	806	0.13
Argentina	6.2	6.7	0	0	..	1 208	782	0.02
Brazil	13.3	15.0	0	0	..	14	24	5.02
Chile	..	..	0	0	..	0	0	..
Colombia	..	..	0	0	..	0	0	..
Mexico	0.0	0.0	0	0	..	0	0	..
Paraguay	..	..	0	0	..	0	0	..
Peru	..	..	194	190	0.00	0	0	..
EUROPE	..	..	4 826	4 410	0.58	1 507	2 055	1.89
European Union ¹	10.1	11.7	3 333	2 735	-0.02	1 132	1 758	1.95
United Kingdom	5.4	9.9	1 226	1 460	2.07	375	298	1.50
Russia	0.0	0.0	0	0	..	0	0	..
Ukraine	..	..	0	0	..	0	0	..
AFRICA	..	..	0	0	..	0	0	..
Egypt	..	..	0	0	..	0	0	..
Ethiopia	..	..	0	0	..	0	0	..
Nigeria	..	..	0	0	..	0	0	..
South Africa	..	..	0	0	..	0	0	..
ASIA	..	..	356	541	0.84	3 881	4 127	-0.81
China ²	0.7	1.2	354	539	0.83	2 160	2 227	-1.96
India	..	..	1	1	2.84	5	1	-12.97
Indonesia	..	..	0	0	..	446	755	1.99
Iran	..	..	0	0	..	0	0	..
Japan	0.1	0.1	1	1	-0.12	8	6	-3.15
Kazakhstan	..	..	0	0	..	0	0	..
Korea	0.0	0.0	0	0	..	24	26	1.53
Malaysia	..	..	0	0	..	333	192	-0.64
Pakistan	..	..	0	0	..	0	0	..
Philippines	..	..	0	0	..	0	0	..
Saudi Arabia	..	..	0	0	..	0	0	..
Thailand	..	..	0	0	..	9	24	6.51
Türkiye	..	..	0	0	..	0	0	..
Viet Nam	..	..	0	0	..	0	0	..
OCEANIA	..	..	1	1	-0.12	9	9	0.00
Australia	0.1	0.1	1	1	-0.12	9	9	0.00
New Zealand	0.0	0.0	0	0	..	0	0	..
DEVELOPED COUNTRIES	..	..	7 477	7 472	-0.07	2 967	3 523	0.96
DEVELOPING COUNTRIES	..	..	549	730	0.61	5 095	4 927	-0.66
LEAST DEVELOPED COUNTRIES	..	..	0	0	..	0	0	..
OECD³	..	..	7 477	7 472	-0.07	2 991	3 549	0.96

.. Not available

Note : Calendar year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Calendar year

		Average 2021-23-est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
ARGENTINA												
Biodiesel												
Export tax	%	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
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 ³	%	27.0	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	40.0
Biodiesel												
Tax concessions ⁴	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	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CANADA												
Ethanol												
Incorporation mandate ³	%	5.0	5.6	5.9	6.3	6.6	6.9	7.2	7.5	7.8	8.2	8.3
Biodiesel												
Incorporation mandate ³	%	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
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 ^{2,5}	%	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Biodiesel												
Blending target ²	%	11.3	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
EUROPEAN UNION												
Biofuel												
Energy share in fuel consumption ⁶	%	10.3	10.5	10.7	11.0	11.3	11.5	11.8	12.1	12.4	12.7	13.0
Ethanol												
Tax concessions ⁴	EUR/hl	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Import tariff	EUR/hl	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	20.2	21.2
Biodiesel												
Tax concessions ⁴	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	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Share of biofuel mandates in total fuel consumption	%	9.3	10.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Biodiesel												
Import tariff	%	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
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
INDONESIA												
Biodiesel												
Blending target ²	%	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
MALAYSIA												
Biodiesel												
Blending target ²	%	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
THAILAND												
Ethanol												
Blending target ²	%	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
Biodiesel												
Blending target ²	%	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
UNITED STATES												
Renewable Fuel Standard ⁷												
Total	mln L	78 006	82 652	83 521	84 390	85 260	86 129	86 998	88 460	89 027	89 664	90 314
advanced mandate	mln L	21 445	25 077	26 004	26 931	27 857	28 784	29 711	31 230	31 854	32 491	33 141
cellulosic ethanol	mln L	2 365	2 551	2 551	2 551	2 551	2 551	2 551	2 551	2 551	2 551	2 551
Ethanol												
Import tariff (undenatured)	%	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Import tariff (denatured)	%	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Blender tax credit	USD/hl	26.4	26.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biodiesel												
Import tariff	%	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Blender tax credit	USD/hl	0	0	0	0	0	0	0	0	0	0	0

Note : 2023est: Data for 2023 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. Refers to all current European Union member countries.
2. Expressed in volume share.
3. Share in respective fuel type, in volume.
4. Difference between tax rates applying to fossil and biogen fuels.
5. Applies to cities with more than 500 000 inhabitants.
6. 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.
7. The total, advanced and cellulosic mandates are not at the levels defined in EISA. Details can be found in the policy assumptions section of the biofuel chapter.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.43.1 Cotton projections projections: Production and trade*Marketing year*

	PRODUCTION (kt)		Growth (%) ⁴		IMPORTS (kt)		Growth (%) ⁴		EXPORTS (kt)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	24 737	29 010	0.18	1.34	8 992	12 352	1.63	2.08	8 888	12 352	1.54	2.08
NORTH AMERICA	3 167	4 303	-1.71	1.65	1	1	5.28	0.91	2 789	3 876	1.31	1.85
Canada	0	0	..	..	0	0	..	..	..	..	..	..
United States	3 167	4 303	-1.71	1.65	1	1	31.72	1.04	2 789	3 876	1.31	1.85
LATIN AMERICA	3 540	4 478	8.14	2.30	403	432	-0.72	0.74	2 004	3 501	12.61	3.51
Argentina	297	318	3.25	2.19	0	0	-76.94	..	128	132	9.61	10.20
Brazil	2 957	3 852	10.05	2.45	5	6	-14.47	-0.03	1 744	3 208	12.56	3.45
Chile	0	0	..	..	0	1	..	..	0	0	..	..
Colombia	16	16	1.71	0.00	12	11	-12.84	0.00	0	0	..	..
Mexico	233	256	-0.25	0.87	223	239	-0.45	-0.26	126	156	19.51	0.78
Paraguay	5	6	0.66	0.97	1	0	-55.84	..	5	5	5.94	0.65
Peru	19	19	-2.81	0.46	48	56	-1.18	2.75	0	0	-16.87	..
EUROPE	285	293	-0.90	0.15	293	317	-3.89	0.20	418	417	-0.98	-0.01
European Union ¹	283	291	-0.93	0.15	259	273	-2.32	0.15	415	414	-1.01	-0.01
United Kingdom	0	0	..	..	0	0	..	..	0	0	..	..
Russia	0	0	..	..	12	20	-19.82	0.00	1	1	4.87	0.00
Ukraine	0	0	..	..	1	0	-16.63	..	0	0	..	..
AFRICA	1 869	2 115	3.14	1.08	151	187	-3.05	1.37	1 610	1 711	3.28	0.55
Egypt	79	85	1.46	0.06	88	114	-0.19	2.65	53	39	4.30	-2.58
Ethiopia	63	75	4.64	1.92	1	1	-32.34	2.82	5	2	-6.20	-12.53
Nigeria	88	101	7.24	1.06	1	1	0.00	1.40	35	19	0.74	-5.96
South Africa	14	17	-1.82	1.63	11	11	-6.37	-0.12	14	8	4.50	0.13
ASIA	14 724	16 608	-1.36	1.11	8 142	11 414	2.11	2.20	1017	1638	-10.82	3.43
China ²	5 770	5 730	0.15	-0.05	1 791	2 826	5.44	0.71	24	27	-0.83	0.27
India	5 466	7 071	-1.45	2.27	339	62	0.35	-5.60	440	1286	-14.00	6.02
Indonesia	2	2	-9.16	-0.24	474	537	-5.96	2.18	3	4	6.01	-2.14
Iran	80	76	5.88	-0.22	96	105	7.90	2.48	0	0	..	..
Japan	0	0	..	..	40	34	-6.53	-1.53	0	0	..	..
Kazakhstan	80	85	5.39	1.02	..	..	31.91	..	57	68	6.64	0.84
Korea	0	0	..	..	122	139	-9.77	-0.36	8	2	14.89	0.00
Malaysia	0	0	..	..	144	200	7.07	2.20	4	4	-19.02	-2.15
Pakistan	1 192	1 356	-6.82	0.78	888	1 424	14.03	4.35	9	8	-22.83	-0.61
Philippines	0	0	..	..	8	11	-6.55	3.59	0	0	..	..
Saudi Arabia	0	0	..	..	..	..	..	..	0	0	..	..
Thailand	2	2	3.83	1.13	163	194	-10.46	1.56	0	0	..	..
Türkiye	823	851	0.65	0.81	1 029	1 521	2.28	1.40	149	77	9.11	-1.38
Viet Nam	1	1	4.34	-0.08	1393	2024	4.21	3.25	0	0	..	..
OCEANIA	1 152	1 212	5.32	0.93	1	1	0.00	0.00	1 052	1 209	4.96	0.50
Australia	1 151	1 211	5.33	0.93	0	0	..	..	1 051	1 208	4.96	0.50
New Zealand	1	1	0.00	0.00	1	1	0.00	0.00	1	1	0.00	0.00
DEVELOPED COUNTRIES	5 752	7 057	-0.85	1.36	355	370	-4.11	0.04	4 601	5 699	-0.07	1.17
DEVELOPING COUNTRIES	18 985	21 952	0.50	1.34	8 636	11 982	1.93	2.15	4 287	6 654	3.43	2.93
LEAST DEVELOPED COUNTRIES	1 430	1 520	2.13	1.15	1 546	2 237	1.72	3.40	1 116	1 147	2.97	0.74
OECD³	5 683	6 939	-0.13	1.31	1 689	2 221	-0.63	0.87	4 545	5 743	2.44	1.33

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.43.2. Cotton projections: Consumption*Marketing year*

	CONSUMPTION (kt) ⁴		Growth (%) ⁵	
	Average 2021-23est	2033	2014-23	2024-33
WORLD	24 447	28 736	-0.30	1.68
NORTH AMERICA	470	405	-6.95	-0.01
Canada	0	0	..	..
United States	470	405	-6.94	-0.01
LATIN AMERICA	1 350	1 371	-1.42	-0.37
Argentina	142	121	0.21	-2.27
Brazil	699	680	-0.53	-1.00
Chile	0	1	..	..
Colombia	27	27	-7.85	0.00
Mexico	318	339	-3.65	0.43
Paraguay	1	1	-13.74	2.52
Peru	60	74	-2.18	2.06
EUROPE	170	193	-5.14	1.23
European Union ¹	132	151	-3.33	0.86
United Kingdom	0	0	..	..
Russia	17	19	-15.00	7.82
Ukraine	0	0	-18.83	..
AFRICA	386	549	0.07	3.05
Egypt	107	159	-1.91	2.93
Ethiopia	56	73	2.09	2.59
Nigeria	53	80	11.70	4.35
South Africa	17	20	-3.21	1.50
ASIA	22 068	26 216	0.0006	1.80
China ²	7 772	8 460	-0.18	0.88
India	5 168	5 840	-0.39	1.52
Indonesia	462	532	-6.29	2.27
Iran	150	178	4.74	1.34
Japan	38	34	-7.27	-1.43
Kazakhstan	13	17	-0.08	2.07
Korea	139	138	-8.63	2.58
Malaysia	120	193	8.73	2.42
Pakistan	2 116	2 757	-1.51	2.72
Philippines	7	11	-7.95	3.88
Saudi Arabia	0	0	..	..
Thailand	159	195	-10.70	1.61
Türkiye	1 788	2 264	1.97	2.14
Viet Nam	1 393	2 016	4.49	3.28
OCEANIA	3	3	-15.26	0.00
Australia	2	2	-19.61	-0.01
New Zealand	1	1	0.00	0.00
DEVELOPED COUNTRIES	1 537	1 695	-0.99	1.48
DEVELOPING COUNTRIES	22 910	27 040	-0.25	1.69
LEAST DEVELOPED COUNTRIES	1 896	2 562	2.12	3.28
OECD³	2 917	3 361	-1.75	1.55

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

4. Consumption for cotton means mill consumption and not final consumer demand.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.44. Main policy assumptions for cotton markets*Marketing year*

		Average 2021-23est	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
ARGENTINA												
Export tax equivalent of export barriers	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	8 866	10 753	10 753	10 753	10 753	10 753	10 753	10 753	10 753	10 753	10 753
Tariff equivalent of import barriers	%	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
UNITED STATES												
Economic Adjustment Assistance payment	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
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

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.45. Roots and tubers projections: Production and food consumption*Calendar year*

	PRODUCTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	250 187	305 906	2.40	1.65	17.4	19.3	1.45	0.82
NORTH AMERICA	6 051	6 308	1.44	0.27	12.7	12.5	1.14	-0.22
Canada	1 148	1 237	2.37	0.38	15.5	14.8	0.23	-0.47
United States	4 903	5 072	1.22	0.24	12.4	12.2	1.25	-0.19
LATIN AMERICA	14 577	16 406	0.53	1.07	12.8	14.0	0.34	0.74
Argentina	714	806	2.77	0.91	10.6	10.3	1.33	-0.40
Brazil	5 798	5 343	-2.37	-0.53	13.1	12.1	-1.99	-0.62
Chile	221	228	-1.37	0.31	9.6	9.7	-1.11	0.56
Colombia	1 639	2 232	4.12	2.70	24.8	33.3	2.69	2.31
Mexico	394	438	-0.13	1.10	3.2	3.7	-0.32	1.04
Paraguay	1 128	1 480	3.19	2.26	56.7	64.7	2.12	0.94
Peru	1 861	2 342	3.08	1.91	29.0	33.4	0.72	1.13
EUROPE	27 680	29 520	0.80	0.43	15.4	16.1	-0.31	0.27
European Union ¹	10 948	11 549	-1.19	0.00	7.4	6.8	-5.54	-1.01
United Kingdom	1 142	1 309	-0.16	1.06	14.6	16.3	-4.29	0.94
Russia	8 159	8 235	3.03	0.45	35.5	38.7	4.55	0.50
Ukraine	6 047	6 943	3.16	1.02	35.6	43.1	6.15	2.01
AFRICA	89 571	121 734	2.66	2.66	35.1	38.6	0.10	0.78
Egypt	1 675	2 171	6.16	2.15	8.5	9.5	5.21	0.90
Ethiopia	2 591	3 306	1.62	2.08	13.6	13.5	-2.16	-0.14
Nigeria	35 876	48 006	3.08	2.61	81.6	90.0	0.32	0.92
South Africa	565	655	2.10	0.95	5.5	5.9	1.87	0.38
ASIA	111 702	131 222	2.95	1.20	13.4	14.1	2.39	0.28
China ²	52 585	56 091	3.35	0.26	24.9	25.7	4.01	0.01
India	16 260	20 462	3.64	1.81	7.2	8.2	2.26	1.06
Indonesia	9 576	11 826	1.60	1.84	22.6	25.0	-1.00	0.92
Iran	543	587	-8.33	0.73	3.6	3.8	-10.53	0.63
Japan	674	648	-2.51	-0.19	6.0	6.0	-0.88	0.05
Kazakhstan	855	1 040	2.50	1.42	17.9	19.5	-0.22	0.64
Korea	288	315	2.21	0.35	6.2	7.4	2.30	1.18
Malaysia	46	65	3.98	3.17	9.7	15.0	8.85	3.62
Pakistan	1 410	1 889	5.60	2.39	3.5	3.9	3.91	0.90
Philippines	1 206	1 607	3.57	2.57	5.3	7.2	4.43	2.53
Saudi Arabia	64	94	-2.64	4.00	3.5	3.3	-5.50	0.19
Thailand	13 111	17 447	4.12	2.24	3.5	5.5	4.24	3.69
Türkiye	704	742	-1.41	0.28	5.3	5.0	-2.35	-0.23
Viet Nam	3 795	4 536	-0.04	1.47	3.7	5.3	1.34	3.07
OCEANIA	606	716	2.64	1.41	12.5	12.8	0.13	-0.07
Australia	296	331	1.90	0.90	13.0	12.5	0.96	-0.57
New Zealand	157	163	3.25	0.49	16.1	15.1	-3.00	-0.71
DEVELOPED COUNTRIES	38 075	40 856	0.94	0.50	13.4	13.8	0.23	0.20
DEVELOPING COUNTRIES	212 113	265 049	2.68	1.84	18.2	20.4	1.63	0.87
LEAST DEVELOPED COUNTRIES	39 423	55 952	2.82	3.01	25.4	28.9	0.56	1.00
OECD³	22 781	24 553	-0.07	0.40	9.3	9.6	-1.53	0.16

Note : Calendar year. Average 2021-23est: Data for 2023 are estimated. Production and consumption are expressed on dry weight basis.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source: OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.46. Pulses projections: Production and food consumption*Calendar year*

	PRODUCTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	93 927	118 849	1.86	2.18	7.3	8.6	0.52	1.68
NORTH AMERICA	7 311	10 247	-2.63	2.99	3.3	4.3	-2.04	2.42
Canada	5 073	6 851	-3.03	2.31	4.3	4.7	3.00	1.01
United States	2 238	3 396	-1.77	4.51	3.2	4.2	-2.61	2.61
LATIN AMERICA	7 766	9 024	0.37	1.34	9.9	10.3	-0.61	0.42
Argentina	1 108	1 306	4.01	1.43	10.5	9.7	17.85	-0.90
Brazil	3 003	3 263	-0.50	0.67	12.0	12.7	-2.52	0.50
Chile	58	72	4.11	1.30	2.6	2.8	2.11	0.55
Colombia	159	203	-4.55	2.71	4.9	5.4	-3.16	0.82
Mexico	1 669	1 955	1.11	1.30	11.8	11.5	0.52	0.00
Paraguay	174	194	1.16	0.92	10.2	11.8	1.34	1.20
Peru	289	314	1.57	0.82	7.9	8.9	0.71	0.96
EUROPE	11 038	13 422	2.85	1.86	3.2	4.6	2.86	3.18
European Union ¹	4 498	6 123	2.28	3.18	3.4	5.1	3.35	3.82
United Kingdom	1 214	1 316	4.26	0.89	1.5	2.9	-9.53	5.36
Russia	3 991	4 500	4.69	0.94	3.0	3.5	3.01	1.29
Ukraine	707	782	0.47	0.55	3.5	4.6	11.03	2.15
AFRICA	23 042	31 669	2.38	3.02	10.5	11.5	-1.15	0.78
Egypt	320	435	1.26	2.79	3.4	3.7	-6.95	1.27
Ethiopia	3 154	4 140	0.62	2.62	22.1	22.4	-0.38	0.22
Nigeria	3 781	4 884	2.66	2.36	10.7	11.2	0.62	0.30
South Africa	88	115	0.02	2.21	1.3	1.4	-1.95	0.35
ASIA	40 838	50 305	2.41	1.93	6.8	8.2	1.07	1.95
China ²	5 129	5 884	1.99	1.12	2.0	2.1	5.32	0.93
India	26 453	34 233	4.15	2.38	15.0	18.2	0.42	2.06
Indonesia	197	208	-4.72	0.84	0.8	0.9	-2.38	1.70
Iran	422	421	-5.12	-0.03	3.7	3.7	-5.85	-0.10
Japan	97	121	-4.10	1.26	1.1	1.2	-5.29	1.49
Kazakhstan	324	365	6.63	1.01	4.4	4.5	0.92	0.62
Korea	13	23	-5.03	5.06	1.6	1.6	1.98	0.18
Malaysia	0	0	..	..	2.0	2.0	-2.63	0.23
Pakistan	549	660	-0.66	1.43	4.8	5.5	5.10	1.41
Philippines	68	75	1.01	0.92	1.2	1.4	1.79	1.05
Saudi Arabia	15	17	-0.10	0.98	4.6	4.5	-2.68	0.18
Thailand	225	235	0.63	0.43	2.1	2.5	1.01	1.40
Türkiye	1 062	1 220	-1.05	1.36	9.4	9.4	-0.02	0.01
Viet Nam	291	322	-0.92	1.03	2.5	3.0	1.63	1.72
OCEANIA	3 932	4 182	5.42	0.23	6.3	6.0	25.39	-0.59
Australia	3 889	4 136	5.51	0.22	9.5	8.9	44.50	-0.67
New Zealand	28	30	-0.22	0.50	2.9	3.2	-3.33	1.14
DEVELOPED COUNTRIES	23 279	29 023	1.08	1.96	3.1	4.1	1.37	2.57
DEVELOPING COUNTRIES	70 648	89 826	2.16	2.25	8.2	9.5	0.34	1.52
LEAST DEVELOPED COUNTRIES	17 432	23 325	1.79	2.84	10.5	11.8	-0.37	1.09
OECD³	20 067	25 519	0.36	2.18	4.3	5.3	0.64	1.90

Note : Calendar year. Average 2021-23est: Data for 2023 are estimated. Production and consumption are expressed on dry weight basis.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source: OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.47. Egg: Production and food consumption*Calendar year*

	PRODUCTION (kt)		Growth (%) ⁴		FOOD (kg/cap)		Growth (%) ⁴	
	Average 2021-23est	2033	2014-23	2024-33	Average 2021-23est	2033	2014-23	2024-33
WORLD	94 051	106 105	2.84	1.05	10.7	11.0	1.73	0.23
NORTH AMERICA	6 301	7 315	1.24	1.13	15.9	17.4	0.90	0.59
Canada	616	757	3.03	1.88	16.1	18.0	3.33	1.05
United States	5 686	6 559	1.06	1.04	15.9	17.4	0.66	0.53
LATIN AMERICA	10 977	12 376	3.43	0.99	14.9	15.6	2.61	0.37
Argentina	902	959	2.28	0.63	18.5	18.5	1.81	0.08
Brazil	3 595	3 998	5.21	0.78	15.8	16.7	4.58	0.35
Chile	236	264	0.81	0.90	10.1	11.0	0.05	0.68
Colombia	1 053	1 206	5.31	1.14	15.6	17.2	3.95	0.78
Mexico	3 129	3 502	2.46	0.91	22.5	23.4	1.73	0.27
Paraguay	131	162	1.20	1.95	18.9	20.6	-0.14	0.87
Peru	519	617	4.61	1.49	11.1	12.2	3.42	0.79
EUROPE	11 369	11 924	0.71	0.43	14.3	15.2	0.60	0.54
European Union ¹	6 422	6 524	0.95	0.25	13.1	13.5	0.87	0.40
United Kingdom	981	1 218	1.73	1.51	15.4	17.2	0.14	0.84
Russia	2 617	2 672	1.35	0.00	17.6	18.5	0.84	0.30
Ukraine	793	910	-3.10	1.40	17.9	22.1	-0.64	1.81
AFRICA	3 538	4 351	1.07	2.03	2.0	2.0	-1.51	-0.01
Egypt	406	488	0.51	2.08	2.8	2.9	-1.76	0.80
Ethiopia	53	66	0.84	2.22	0.3	0.3	-1.69	0.21
Nigeria	575	774	-1.78	3.24	2.3	2.5	-4.06	1.01
South Africa	556	610	2.51	0.85	7.0	7.0	1.96	0.10
ASIA	61 503	69 724	3.47	1.10	11.8	12.5	2.52	0.56
China ²	34 761	36 497	2.16	0.37	22.8	24.2	1.83	0.51
India	6 916	9 773	7.08	3.23	4.1	5.4	6.32	2.56
Indonesia	5 686	6 941	17.13	1.83	17.2	20.1	17.49	1.38
Iran	760	820	-0.07	1.05	8.4	8.5	-0.45	0.51
Japan	2 596	2 525	0.44	-0.36	21.2	21.4	0.49	0.22
Kazakhstan	250	293	-0.41	1.23	8.0	8.8	-0.71	0.63
Korea	791	856	1.48	0.39	14.9	15.9	1.99	0.41
Malaysia	854	1 020	0.91	1.42	17.6	20.1	-0.49	0.96
Pakistan	1 053	1 371	5.23	2.13	3.6	3.9	3.65	0.47
Philippines	733	1 004	6.10	2.92	5.3	6.5	4.39	1.90
Saudi Arabia	361	427	4.30	1.39	9.2	9.4	7.10	0.18
Thailand	1 127	1 277	0.26	1.19	12.0	13.8	0.08	1.41
Türkiye	1 243	1 352	1.97	0.69	9.7	10.2	2.71	0.45
Viet Nam	410	543	0.05	2.83	3.5	4.5	-0.71	2.50
OCEANIA	362	415	2.22	1.15	7.9	8.1	0.65	0.08
Australia	273	308	2.08	1.05	10.3	10.5	0.67	0.16
New Zealand	72	86	2.94	1.34	13.4	14.7	1.56	0.65
DEVELOPED COUNTRIES	22 381	24 234	1.03	0.64	14.5	15.3	0.61	0.46
DEVELOPING COUNTRIES	71 670	81 872	3.46	1.18	9.9	10.1	2.23	0.23
LEAST DEVELOPED COUNTRIES	2 424	3 297	4.46	2.85	2.2	2.4	2.13	0.86
OECD³	23 414	25 516	1.48	0.68	15.4	16.3	1.08	0.46

.. Not available

Note : Marketing year: See Glossary of Terms for definitions. Average 2021-23est: Data for 2023 are estimated.

1. Refers to all current European Union member countries.

2. Refers to mainland only. The economies of Chinese Taipei, Hong Kong (China) and Macau (China) are included in the Asia aggregate.

3. Excludes Iceland and Costa Rica but includes all current European Union member countries.

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

Source : OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en

Table C.48. 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 inflation ³	
	2023	2024	2023	2024	2023	2024	2023	2024
OECD								
Australia ¹	7.0	..	9.6	..	12.8	12.8	1.2	..
Austria	11.2	4.5	17.0	5.4	12.0	12.0	2.0	0.7
Belgium	8.0	1.8	16.4	6.3	17.4	17.4	2.9	1.1
Canada	5.9	2.9	11.4	3.4	11.5	11.5	1.3	0.4
Chile	12.3	3.8	23.9	5.3	18.9	18.9	4.5	1.0
Colombia	13.3	8.3	26.2	3.0	34.7	34.7	9.1	1.0
Czechia	17.5	2.3	24.8	-3.9	17.0	17.0	4.2	-0.7
Denmark	7.7	1.2	14.5	2.2	11.5	11.5	1.7	0.2
Estonia	18.6	4.7	27.4	5.0	21.7	21.7	5.9	1.1
Finland	8.4	3.3	15.4	1.6	13.4	13.4	2.1	0.2
France	6.0	3.1	14.2	5.7	14.7	14.7	2.1	0.8
Germany	8.7	2.9	19.2	4.2	10.4	10.4	2.0	0.4
Greece	7.0	3.1	15.4	8.3	17.1	17.1	2.6	1.4
Hungary	25.7	3.8	46.9	1.0	19.6	19.6	9.2	0.2
Iceland	9.9	6.7	10.8	8.9	14.9	14.9	1.6	1.3
Ireland	7.8	4.1	12.8	4.6	11.7	11.7	1.5	0.5
Israel	5.4	2.6	4.9	5.9	14.3	14.3	0.7	0.8
Italy	4.3	2.2	7.5	5.7	19.0	19.0	1.4	1.1
Japan	4.3	2.2	7.5	5.7	19.0	19.0	1.4	1.1
Korea	5.0	2.8	5.8	5.9	14.4	14.4	0.8	0.9
Luxembourg	4.8	3.4	11.8	6.4	11.1	11.1	1.3	0.7
Mexico	7.9	4.9	12.8	7.3	18.9	18.9	2.4	1.4
Netherlands	7.6	3.2	17.3	2.5	11.3	11.3	2.0	0.3
New Zealand ¹	6.7	..	12.5	..	17.4	17.4	2.2	..
Norway	7.0	4.7	12.0	8.7	13.3	13.3	1.6	1.2
Poland	16.6	3.9	20.6	4.9	27.0	27.0	5.6	1.3
Portugal	8.4	2.3	20.6	2.7	18.1	18.1	3.7	0.5
Slovak Republic	15.2	3.9	27.5	4.9	18.4	18.4	5.1	0.9
Slovenia	7.0	6.9	13.7	10.8	26.0	26.0	3.6	2.8
Spain	5.9	3.4	15.4	7.4	18.2	18.2	2.8	1.4
Sweden	11.7	5.4	19.6	3.8	13.9	13.9	2.7	0.5
Switzerland	3.3	1.3	5.6	2.3	10.8	10.8	0.6	0.3
Türkiye	57.7	64.9	71.0	69.7	26.8	26.8	19.0	18.7
United Kingdom	8.8	4.2	16.8	7.0	11.8	11.8	2.0	0.8
United States	6.4	3.1	11.4	1.2	7.8	7.8	0.9	0.1
OECD Total	9.2	5.7	15.2	6.2	..	..	..	..
Enhanced Engagement								
Brazil	5.8	4.5	11.7	1.8	22.5	22.5	2.6	0.4
China	2.1	-0.8	6.2	-5.9	33.6	33.6	2.1	-2.0
India	5.3	2.6	5.9	8.3	35.4	35.4	2.1	2.9
Indonesia	6.2	4.6	3.5	5.8	19.6	19.6	0.7	1.1
Russia	11.8	7.4	10.2	8.5	32.8	32.8	3.3	2.8
South Africa	7.2	5.3	13.6	7.2	18.3	18.3	2.5	1.3

Table C.48. 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 inflation ³	
	2023	2024	2023	2024	2023	2024	2023	2024
NON OECD								
Algeria	9.3	6.3	13.7	7.2	43.1	43.1	5.9	3.1
Bangladesh	8.6	9.9	7.8	9.6	28.6	28.6	2.2	2.7
Bolivia	3.1	2.4	6.8	7.2	27.1	27.1	1.8	1.9
Botswana	9.3	3.9	7.1	5.9	13.6	13.6	1.0	0.8
Bulgaria	16.7	7.1	25.0	8.4	37.2	37.2	9.3	3.1
Costa Rica	7.7	-1.9	18.5	-4.8	21.4	21.4	4.0	-1.0
Dominican Republic	6.6	4.5	11.4	5.6	29.2	29.2	3.3	1.6
Ecuador	3.6	1.4	5.6	4.6	23.0	23.0	1.3	1.0
Egypt	25.8	29.8	48.0	47.9	32.7	32.7	15.7	15.7
El Salvador	7.0	6.9	13.7	10.8	26.0	26.0	3.6	2.8
Ethiopia	33.9	29.4	36.2	32.2	54.0	54.0	19.5	17.4
Ghana	53.6	23.5	47.9	27.1	56.9	56.9	27.3	15.4
Guatemala	3.2	3.8	13.3	7.3	28.6	28.6	3.8	2.1
Haiti	24.0	20.9	25.5	28.3	48.8	48.8	12.4	13.8
Honduras	8.9	5.0	16.1	6.1	31.8	31.8	5.1	1.9
Iraq	7.1	0.4	9.6	..	35.0	35.0	3.4	..
Jordan	3.7	2.0	-0.4	0.0	35.2	35.2	-0.1	0.0
Kenya	9.0	6.9	12.8	7.9	36.0	36.0	4.6	2.8
Madagascar	11.4	9.9	14.0	12.0	60.0	60.0	8.4	7.2
Malawi	25.4	35.0	31.3	44.9	50.0	50.0	15.7	22.5
Malaysia	3.7	1.5	6.7	2.0	56.3	56.3	3.8	1.1
Moldavia	27.3	7.1	28.6	7.6	37.0	37.0	10.6	2.8
Morocco	8.9	2.3	17.4	4.2	40.4	40.4	7.0	1.7
New Caledonia	4.3	0.0	9.4	-0.3	21.0	21.0	2.0	-0.1
Nicaragua	10.9	5.8	15.7	6.8	26.1	26.1	4.1	1.8
Niger	2.0	6.9	1.3	9.6	47.0	47.0	0.6	4.5
Nigeria	21.8	29.9	24.3	35.4	51.8	51.8	12.6	18.3
Pakistan	27.6	28.3	42.9	25.0	37.5	37.5	16.1	9.4
Panama	2.1	1.0	5.2	1.0	33.6	33.6	1.7	0.3
Paraguay	7.8	3.4	7.7	8.8	39.1	39.1	3.0	3.4
Peru	8.9	3.0	15.9	3.7	25.0	25.0	4.0	0.9
Philippines	8.6	2.8	12.1	3.5	39.0	39.0	4.7	1.3
Romania	15.1	7.4	22.5	5.6	37.4	37.4	8.4	2.1
Rwanda	31.1	5.0	57.3	7.4	39.0	39.0	22.3	2.9
Senegal	10.5	2.1	13.7	2.6	53.4	53.4	7.3	1.4
Singapore	6.6	2.9	8.1	3.3	21.7	21.7	1.8	0.7
Sri Lanka	53.2	6.4	53.6	3.3	41.0	41.0	22.0	1.4
Chinese Taipei	2.1	-0.8	6.2	-5.9	33.6	33.6	2.1	-2.0
Tanzania	4.9	1.5	5.9	3.0	28.2	28.2	1.7	0.8
Thailand	5.0	-1.1	7.7	-1.1	40.0	40.0	3.1	-0.4
Tunisia	10.4	7.8	15.6	12.1	28.7	28.7	4.5	3.5
Uganda	10.4	2.8	22.7	-0.01	27.2	27.2	6.2	0.0
Zambia	9.4	13.2	11.6	13.7	52.5	52.5	6.1	7.2

.. Not available

1. No data available for January 2024 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.