

Table C.1. World cereal projections

Marketing year

		Average 2020-22est	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
WHEAT												
World												
Production	Mt	778.5	795.7	799.5	808.2	812.9	820.1	826.7	833.8	841.2	848.3	854.9
Area	Mha	221.8	223.6	223.1	222.7	222.8	223.2	223.4	223.8	224.2	224.5	224.8
Yield	t/ha	3.51	3.56	3.58	3.63	3.65	3.67	3.70	3.73	3.75	3.78	3.80
Consumption	Mt	771.4	794.3	800.5	805.6	811.4	818.8	826.1	832.9	840.0	846.7	853.7
Feed use	Mt	149.7	151.9	154.2	156.3	157.5	159.2	160.7	161.8	163.1	163.9	164.6
Food use	Mt	505.5	518.4	523.8	528.5	534.2	539.6	544.5	549.2	553.8	558.3	562.4
Biofuel use	Mt	9.0	9.4	9.7	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
Other use	Mt	65.7	72.4	70.2	68.0	66.3	66.2	66.7	67.3	68.4	69.4	71.2
Exports	Mt	193.8	192.8	195.1	197.2	199.0	202.2	204.7	207.0	209.3	211.6	213.4
Closing stocks	Mt	292.7	296.4	295.4	298.0	299.4	300.8	301.4	302.4	303.6	305.2	306.4
Price ¹	USD/t	339.2	315.5	272.8	263.2	268.0	271.5	276.1	281.4	285.5	289.2	293.9
Developed countries												
Production	Mt	404.6	410.6	411.9	414.5	416.2	419.4	422.2	425.5	428.9	432.2	434.9
Consumption	Mt	266.1	272.4	272.0	271.5	270.4	271.2	272.4	273.7	275.3	276.7	278.6
Net trade	Mt	137.1	139.6	141.9	143.8	145.0	147.5	149.4	151.1	152.8	154.5	155.6
Closing stocks	Mt	73.7	75.5	73.3	72.5	73.2	73.8	74.3	75.0	75.9	76.8	77.5
Developing countries												
Production	Mt	373.9	385.1	387.6	393.7	396.7	400.7	404.4	408.3	412.3	416.2	419.9
Consumption	Mt	505.3	521.9	528.5	534.1	540.9	547.5	553.7	559.2	564.7	570.0	575.1
Net trade	Mt	-133.2	-139.6	-141.9	-143.8	-145.0	-147.5	-149.4	-151.1	-152.8	-154.5	-155.6
Closing stocks	Mt	219.1	220.9	222.0	225.5	226.3	227.0	227.1	227.4	227.8	228.4	228.9
OECD²												
Production	Mt	284.4	292.4	292.4	292.8	293.1	294.6	295.8	297.3	299.1	300.6	301.7
Consumption	Mt	218.6	222.2	223.1	222.0	221.9	221.7	221.9	222.4	223.0	223.6	224.1
Net trade	Mt	69.5	70.5	69.9	69.8	70.1	72.2	73.4	74.3	75.3	76.3	77.0
Closing stocks	Mt	55.3	53.1	52.4	53.5	54.6	55.4	55.8	56.4	57.1	57.9	58.5
MAIZE												
World												
Production	Mt	1 190.4	1 220.3	1 236.6	1 253.5	1 264.5	1 280.7	1 295.2	1 311.4	1 326.7	1 341.8	1 355.4
Area	Mha	202.4	205.0	206.0	206.5	207.1	208.0	208.8	209.7	210.6	211.5	212.4
Yield	t/ha	5.88	5.95	6.00	6.07	6.10	6.16	6.20	6.25	6.30	6.34	6.38
Consumption	Mt	1 195.5	1 224.6	1 238.4	1 251.0	1 267.4	1 282.0	1 296.8	1 311.7	1 326.8	1 341.9	1 356.4
Feed use	Mt	684.0	703.7	716.5	727.1	735.2	744.9	754.7	764.3	774.4	784.5	794.5
Food use	Mt	141.7	145.2	149.0	151.9	154.3	156.6	158.8	161.0	163.1	165.2	167.2
Biofuel use	Mt	181.9	191.5	192.6	193.4	194.7	195.7	196.8	197.9	199.1	200.3	201.5
Other use	Mt	84.8	78.7	73.3	70.5	74.4	74.9	75.7	76.8	77.4	78.1	78.7
Exports	Mt	183.5	178.9	180.6	182.0	184.7	187.6	190.4	193.3	196.1	198.8	201.7
Closing stocks	Mt	303.7	299.1	301.7	308.6	310.1	313.2	316.0	320.1	324.4	328.7	332.1
Price ³	USD/t	274.2	258.1	211.4	204.7	208.0	210.9	214.7	217.7	220.6	223.4	226.7
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 2020-22est	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
OTHER COARSE GRAINS												
World												
Production	Mt	306.3	309.1	310.2	313.7	315.0	317.3	319.6	322.4	325.1	327.5	329.7
Area	Mha	149.3	149.5	149.5	149.3	149.3	149.2	149.2	149.2	149.3	149.3	149.3
Yield	t/ha	2.05	2.07	2.07	2.10	2.11	2.13	2.14	2.16	2.18	2.19	2.21
Consumption	Mt	302.9	303.6	306.2	310.1	312.5	314.6	316.7	319.0	321.4	323.8	326.1
Feed use	Mt	172.8	167.7	167.7	169.4	170.5	171.2	172.2	173.0	174.0	175.0	176.1
Food use	Mt	77.3	82.8	84.8	86.6	87.7	89.2	90.4	91.9	93.2	94.4	95.5
Biofuel use	Mt	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Other use	Mt	34.8	35.2	35.6	35.9	35.9	35.7	35.5	35.5	35.4	35.5	35.5
Exports	Mt	48.5	46.0	45.7	45.5	45.8	46.4	47.2	47.8	48.7	49.2	49.8
Closing stocks	Mt	61.9	62.5	63.6	64.5	64.1	63.9	64.0	64.5	65.3	66.2	66.9
Price ⁴	USD/t	288.3	264.8	237.3	226.8	228.7	234.1	239.2	243.8	247.6	250.9	254.9
Developed countries												
Production	Mt	188.7	184.9	183.8	184.5	184.7	184.9	185.5	186.2	187.0	187.6	187.9
Consumption	Mt	151.7	151.9	151.7	152.3	152.6	152.0	151.8	151.5	151.4	151.5	151.4
Net trade	Mt	35.3	32.5	32.2	32.2	32.5	33.1	33.9	34.5	35.2	35.7	36.2
Closing stocks	Mt	33.7	35.8	35.8	35.8	35.3	35.1	34.9	35.1	35.4	35.8	36.0
Developing countries												
Production	Mt	117.6	124.1	126.4	129.2	130.2	132.4	134.1	136.2	138.1	140.0	141.8
Consumption	Mt	151.2	151.7	154.6	157.7	159.9	162.5	165.0	167.5	170.0	172.4	174.7
Net trade	Mt	-32.5	-29.7	-29.3	-29.4	-29.7	-30.3	-31.1	-31.7	-32.4	-32.9	-33.4
Closing stocks	Mt	28.2	26.7	27.8	28.7	28.7	28.9	29.1	29.4	29.9	30.4	30.8
OECD²												
Production	Mt	156.6	153.8	152.3	152.7	152.7	152.6	152.8	153.1	153.5	153.7	153.8
Consumption	Mt	132.2	132.6	132.5	133.1	133.4	132.7	132.6	132.3	132.3	132.3	132.3
Net trade	Mt	23.3	21.1	20.3	19.6	19.5	20.0	20.3	20.7	21.0	21.1	21.3
Closing stocks	Mt	25.4	25.8	25.3	25.2	25.0	24.9	24.8	25.0	25.3	25.5	25.7
RICE												
World												
Production	Mt	521.5	522.3	530.2	537.3	543.0	549.8	555.5	561.3	566.8	572.1	576.9
Area	Mha	165.8	165.9	166.4	166.6	166.8	167.0	167.1	167.2	167.3	167.3	167.4
Yield	t/ha	3.15	3.15	3.19	3.22	3.26	3.29	3.33	3.36	3.39	3.42	3.45
Consumption	Mt	519.9	521.0	528.2	535.0	542.3	549.0	554.8	560.6	566.5	571.9	576.9
Feed use	Mt	20.3	19.1	19.3	19.5	19.9	20.3	20.6	21.0	21.3	21.5	21.8
Food use	Mt	407.0	413.1	418.5	423.5	429.3	434.4	438.6	442.9	447.3	451.2	454.7
Exports	Mt	51.6	53.8	54.4	55.9	56.8	57.8	58.9	60.2	61.4	62.5	63.5
Closing stocks	Mt	201.0	201.5	203.5	205.8	206.5	207.3	208.0	208.7	209.0	209.2	209.2
Price ⁵	USD/t	412.8	435.4	425.8	418.1	425.0	429.8	436.8	442.2	447.5	453.0	458.6
Developed countries												
Production	Mt	17.3	16.5	16.6	16.6	16.6	16.6	16.5	16.4	16.4	16.3	16.4
Consumption	Mt	20.8	20.8	20.9	21.0	21.0	21.1	21.2	21.2	21.2	21.3	21.3
Net trade	Mt	-4.1	-4.6	-4.5	-4.5	-4.4	-4.4	-4.4	-4.4	-4.5	-4.5	-4.5
Closing stocks	Mt	12.1	12.5	12.7	12.9	12.8	12.7	12.5	12.2	11.8	11.3	10.9
Developing countries												
Production	Mt	504.2	505.8	513.6	520.6	526.4	533.2	539.0	544.9	550.4	555.8	560.6
Consumption	Mt	499.0	500.1	507.3	514.0	521.3	527.9	533.6	539.4	545.2	550.6	555.6
Net trade	Mt	3.2	4.6	4.5	4.5	4.4	4.4	4.4	4.4	4.5	4.5	4.5
Closing stocks	Mt	188.9	189.0	190.8	192.9	193.7	194.6	195.5	196.5	197.2	197.9	198.3
OECD²												
Production	Mt	22.1	21.1	21.3	21.4	21.4	21.3	21.3	21.2	21.2	21.1	21.1
Consumption	Mt	25.9	25.8	25.9	26.1	26.1	26.2	26.3	26.3	26.3	26.4	26.4
Net trade	Mt	-4.5	-5.0	-4.9	-4.9	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8
Closing stocks	Mt	13.7	14.2	14.5	14.7	14.7	14.5	14.3	14.0	13.6	13.2	12.7

Note: Marketing year: See Glossary of Terms for definitions. Average 2020-22est: Data for 2022 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 EU 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 (2023), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en