

Table C.1. World cereal projections

Marketing year

		Average 2018-20est	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>WHEAT</b>												
<b>World</b>												
Production	Mt	752.7	776.2	780.4	788.9	795.8	802.2	809.3	817.3	824.4	832.6	839.7
Area	Mha	218.1	223.2	222.5	223.1	223.3	223.5	223.6	224.0	224.1	224.4	224.4
Yield	t/ha	3.45	3.48	3.51	3.54	3.56	3.59	3.62	3.65	3.68	3.71	3.74
Consumption	Mt	748.7	765.4	773.1	781.7	790.5	798.8	805.8	813.2	820.5	827.9	835.1
Feed use	Mt	146.0	152.3	153.4	155.2	157.4	159.1	160.3	162.0	163.6	165.7	167.7
Food use	Mt	518.9	531.6	537.0	542.4	547.7	552.8	557.6	562.5	567.3	572.1	576.8
Biofuel use	Mt	8.7	8.6	8.6	8.7	8.7	8.9	9.2	9.4	9.5	9.7	9.8
Other use	Mt	75.1	73.0	74.1	75.4	76.6	78.0	78.7	79.4	80.0	80.5	80.8
Exports	Mt	181.2	193.2	196.2	199.0	201.6	204.4	208.2	211.3	214.0	217.0	219.8
Closing stocks	Mt	277.9	295.4	300.3	305.1	308.1	309.1	310.2	311.9	313.5	315.8	318.0
Price <sup>1</sup>	USD/t	233.6	234.4	215.4	219.5	221.8	230.3	236.6	241.8	247.1	250.6	253.6
<b>Developed countries</b>												
Production	Mt	384.9	399.5	402.2	406.2	410.4	412.9	416.7	420.6	424.3	428.5	432.3
Consumption	Mt	265.7	261.4	261.5	262.6	264.6	265.9	266.9	268.0	268.9	270.1	271.4
Net trade	Mt	126.3	137.5	140.4	142.6	144.3	146.4	150.0	152.6	155.0	157.4	159.8
Closing stocks	Mt	70.9	68.2	68.5	69.5	70.9	71.5	71.4	71.4	71.8	72.9	74.0
<b>Developing countries</b>												
Production	Mt	367.8	376.7	378.1	382.7	385.4	389.3	392.6	396.7	400.1	404.0	407.4
Consumption	Mt	482.9	504.0	511.6	519.2	525.8	533.0	538.9	545.3	551.6	557.9	563.7
Net trade	Mt	-123.5	-135.1	-138.1	-140.3	-142.0	-144.1	-147.6	-150.2	-152.6	-155.1	-157.4
Closing stocks	Mt	207.0	227.2	231.8	235.6	237.2	237.6	238.8	240.5	241.7	242.9	244.0
<b>OECD<sup>2</sup></b>												
Production	Mt	274.0	279.2	280.7	282.6	284.5	285.2	287.0	288.8	290.4	292.5	294.3
Consumption	Mt	219.1	218.9	218.8	219.5	220.8	221.5	221.9	222.6	223.2	224.1	225.0
Net trade	Mt	58.8	60.1	62.0	62.6	63.0	63.8	65.2	66.1	66.8	67.6	68.3
Closing stocks	Mt	62.3	60.5	60.5	61.0	61.7	61.7	61.6	61.7	62.1	62.9	63.9
<b>MAIZE</b>												
<b>World</b>												
Production	Mt	1 151.4	1 183.4	1 201.4	1 218.9	1 227.2	1 239.0	1 253.3	1 268.8	1 284.2	1 298.1	1 312.2
Area	Mha	190.5	194.0	194.6	195.4	195.5	195.8	196.3	197.0	197.6	198.1	198.6
Yield	t/ha	6.04	6.10	6.17	6.24	6.28	6.33	6.38	6.44	6.50	6.55	6.61
Consumption	Mt	1 166.3	1 183.3	1 196.3	1 207.0	1 222.5	1 234.9	1 248.9	1 262.6	1 276.9	1 291.0	1 305.1
Feed use	Mt	671.0	696.1	705.7	719.2	726.3	735.9	745.6	755.7	766.5	776.8	787.2
Food use	Mt	145.4	148.6	151.3	153.8	156.2	158.5	160.8	163.2	165.6	167.9	170.3
Biofuel use	Mt	184.3	185.7	188.1	186.7	186.0	184.6	183.8	182.6	181.5	180.5	179.5
Other use	Mt	121.7	110.4	108.5	104.4	110.9	112.5	115.2	117.5	119.6	121.8	123.9
Exports	Mt	178.8	187.6	188.7	188.8	190.1	192.7	195.7	198.7	201.8	204.6	207.3
Closing stocks	Mt	303.7	279.8	281.9	290.7	292.4	293.5	294.8	297.9	302.2	306.3	310.3
Price <sup>3</sup>	USD/t	175.4	188.1	172.1	169.3	173.3	181.3	186.6	190.7	193.8	196.8	199.6
<b>Developed countries</b>												
Production	Mt	515.0	533.2	538.2	544.0	545.1	548.0	552.2	557.6	562.9	567.2	571.4
Consumption	Mt	466.4	464.8	470.1	474.1	477.9	481.5	484.8	487.6	490.9	494.1	497.5
Net trade	Mt	52.8	65.9	65.2	65.3	66.0	66.8	67.8	69.2	70.6	71.8	73.0
Closing stocks	Mt	89.8	81.3	84.2	88.9	90.0	89.7	89.3	90.1	91.5	92.7	93.7
<b>Developing countries</b>												
Production	Mt	636.4	650.1	663.2	674.9	682.2	691.0	701.1	711.2	721.4	731.0	740.8
Consumption	Mt	699.8	718.5	726.2	733.0	744.6	753.4	764.1	775.0	786.0	796.8	807.7
Net trade	Mt	-49.8	-62.8	-62.1	-62.2	-62.9	-63.7	-64.7	-66.1	-67.5	-68.8	-69.9
Closing stocks	Mt	213.9	198.6	197.7	201.9	202.4	203.7	205.4	207.8	210.6	213.5	216.6
<b>OECD<sup>2</sup></b>												
Production	Mt	474.0	484.5	488.9	493.8	493.8	495.4	498.2	502.3	506.3	509.2	512.0
Consumption	Mt	500.6	499.0	504.2	508.5	512.8	516.8	520.5	523.8	527.5	531.3	535.1
Net trade	Mt	-20.9	-15.8	-17.2	-19.1	-20.7	-21.6	-21.9	-22.2	-22.6	-23.2	-24.0
Closing stocks	Mt	84.3	73.7	75.5	79.9	81.6	81.7	81.4	82.2	83.5	84.6	85.4

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

Marketing year

		Average 2018-20est	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>OTHER COARSE GRAINS</b>												
<b>World</b>												
Production	Mt	301.0	305.4	308.7	311.1	313.9	316.0	318.9	321.6	324.5	327.1	329.9
Area	Mha	155.2	155.4	155.4	155.2	155.3	155.1	155.0	154.9	154.8	154.7	154.7
Yield	t/ha	1.94	1.96	1.99	2.00	2.02	2.04	2.06	2.08	2.10	2.11	2.13
Consumption	Mt	287.8	299.4	302.9	305.5	307.4	310.2	312.8	315.2	317.8	320.4	323.1
Feed use	Mt	157.4	165.5	167.7	169.2	170.9	172.4	173.6	174.8	176.0	177.1	178.5
Food use	Mt	80.9	82.8	84.7	85.8	87.1	88.2	89.3	90.4	91.5	92.6	93.6
Biofuel use	Mt	5.2	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8
Other use	Mt	44.2	46.2	45.6	45.6	44.7	44.7	45.0	45.2	45.6	45.9	46.3
Exports	Mt	42.9	46.3	47.4	47.8	48.4	49.1	50.1	50.9	51.7	52.3	53.0
Closing stocks	Mt	57.4	67.4	67.1	66.7	67.2	67.1	67.2	67.5	68.1	68.9	69.7
Price <sup>4</sup>	USD/t	206.2	209.3	196.8	199.7	202.7	209.7	215.1	220.4	225.3	229.4	232.8
<b>Developed countries</b>												
Production	Mt	181.0	180.0	181.4	182.1	183.0	183.6	184.7	185.7	186.8	187.7	188.8
Consumption	Mt	145.0	147.3	147.6	147.9	147.2	147.6	148.0	148.3	148.7	149.0	149.4
Net trade	Mt	31.0	34.1	35.0	35.4	35.7	36.2	36.9	37.6	38.2	38.7	39.2
Closing stocks	Mt	32.3	38.9	37.8	36.7	36.8	36.6	36.3	36.2	36.2	36.3	36.4
<b>Developing countries</b>												
Production	Mt	120.0	125.4	127.2	129.0	130.9	132.4	134.2	135.9	137.7	139.4	141.1
Consumption	Mt	142.8	152.1	155.3	157.6	160.2	162.6	164.7	167.0	169.2	171.4	173.6
Net trade	Mt	-25.0	-28.0	-29.0	-29.3	-29.7	-30.2	-30.9	-31.5	-32.1	-32.7	-33.2
Closing stocks	Mt	25.1	28.4	29.4	30.1	30.4	30.5	30.8	31.3	32.0	32.6	33.3
<b>OECD<sup>2</sup></b>												
Production	Mt	148.8	146.8	147.5	147.9	148.3	148.5	149.1	149.6	150.1	150.5	151.0
Consumption	Mt	123.9	126.3	126.4	126.6	125.8	126.1	126.5	126.7	127.0	127.3	127.7
Net trade	Mt	19.3	22.0	22.5	22.6	22.4	22.5	22.8	23.0	23.2	23.2	23.2
Closing stocks	Mt	25.6	31.9	30.5	29.3	29.4	29.2	29.0	28.9	28.8	28.8	28.9
<b>RICE</b>												
<b>World</b>												
Production	Mt	509.3	525.1	529.2	532.7	537.1	542.0	546.7	551.8	556.9	562.0	567.3
Area	Mha	163.1	164.6	164.3	163.9	163.7	163.6	163.4	163.3	163.3	163.2	163.1
Yield	t/ha	3.12	3.19	3.22	3.25	3.28	3.31	3.35	3.38	3.41	3.44	3.48
Consumption	Mt	506.3	522.7	529.9	533.9	539.4	542.8	547.0	551.9	557.1	561.8	567.0
Feed use	Mt	17.6	18.4	18.8	19.1	19.4	19.8	20.2	20.6	20.9	21.3	21.7
Food use	Mt	417.4	432.0	438.1	441.3	445.9	448.4	451.6	455.6	459.7	463.5	467.6
Exports	Mt	45.9	49.3	50.7	52.1	52.8	53.9	55.6	57.4	58.9	60.6	62.3
Closing stocks	Mt	186.2	188.2	187.5	186.4	184.1	183.2	182.9	182.7	182.6	182.8	183.1
Price <sup>5</sup>	USD/t	464.1	513.4	488.0	476.3	479.4	480.4	483.5	485.1	488.3	490.0	492.4
<b>Developed countries</b>												
Production	Mt	17.7	17.6	17.8	17.7	17.6	17.6	17.6	17.6	17.6	17.5	17.5
Consumption	Mt	19.6	19.9	20.0	20.1	20.1	20.2	20.3	20.4	20.5	20.6	20.7
Net trade	Mt	-2.4	-2.7	-2.8	-2.9	-2.9	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0
Closing stocks	Mt	8.2	9.3	9.9	10.4	10.8	11.1	11.4	11.5	11.6	11.6	11.5
<b>Developing countries</b>												
Production	Mt	491.6	507.4	511.5	515.1	519.4	524.4	529.1	534.2	539.3	544.5	549.8
Consumption	Mt	486.7	502.9	510.0	513.8	519.2	522.6	526.7	531.5	536.6	541.3	546.3
Net trade	Mt	3.0	2.7	2.8	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0
Closing stocks	Mt	178.0	178.9	177.6	176.0	173.3	172.1	171.5	171.2	171.0	171.2	171.6
<b>OECD<sup>2</sup></b>												
Production	Mt	22.6	22.7	22.9	22.7	22.6	22.5	22.4	22.4	22.3	22.2	22.1
Consumption	Mt	24.9	25.4	25.5	25.5	25.5	25.6	25.6	25.7	25.8	25.8	25.9
Net trade	Mt	-2.8	-3.2	-3.2	-3.3	-3.3	-3.4	-3.4	-3.5	-3.6	-3.6	-3.7
Closing stocks	Mt	9.7	11.0	11.6	12.1	12.5	12.8	13.1	13.2	13.3	13.2	13.1

Note: Marketing year: See Glossary of Terms for definitions. Average 2018-20est: Data for 2020 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. Milled 100%, grade b, nominal price quote, FOB Bangkok (January/December).

Source: OECD/FAO (2021), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). [dx.doi.org/10.1787/agr-outl-data-en](https://dx.doi.org/10.1787/agr-outl-data-en)