

# ANNEX A

## Table A.1. World cereal projections

Marketing year

		Average 2015-17est	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>WHEAT</b>												
<b>World</b>												
Production	Mt	750.5	754.7	763.7	774.8	783.9	793.3	802.1	810.0	817.1	824.7	832.6
Area	Mha	220.6	220.6	220.9	222.0	222.4	223.1	223.7	223.9	223.9	223.9	224.0
Yield	t/ha	3.40	3.42	3.46	3.49	3.52	3.56	3.59	3.62	3.65	3.68	3.72
Consumption	Mt	726.6	758.4	761.2	767.9	775.2	783.3	791.8	800.3	808.3	816.0	823.8
Feed use	Mt	139.5	146.3	147.6	149.6	152.2	154.6	157.3	159.8	162.3	164.6	166.9
Food use	Mt	496.4	506.1	510.8	515.2	519.9	524.7	529.3	534.1	538.7	543.1	547.4
Biofuel use	Mt	12.4	12.5	12.5	12.4	12.4	12.4	12.5	12.6	12.7	12.8	12.8
Other use	Mt	78.3	93.6	90.2	90.7	90.7	91.6	92.8	93.8	94.7	95.5	96.7
Exports	Mt	175.1	178.6	181.8	183.4	185.5	188.1	190.3	192.4	194.4	196.5	198.7
Closing stocks	Mt	247.6	254.8	251.9	253.3	256.5	260.9	265.7	269.9	273.2	276.4	279.7
Price <sup>1</sup>	USD/t	206.6	209.1	213.8	219.1	222.2	223.2	223.6	223.3	224.7	226.8	229.1
<b>Developed countries</b>												
Production	Mt	401.2	397.8	402.7	408.5	412.9	417.7	421.9	425.5	428.6	432.0	435.6
Consumption	Mt	272.9	271.6	274.3	275.3	276.8	278.7	280.9	282.9	284.6	286.2	288.0
Net trade	Mt	125.4	129.7	132.4	133.6	135.4	137.8	139.9	142.1	143.8	145.6	147.5
Closing stocks	Mt	81.4	78.5	74.5	74.2	74.9	76.0	77.0	77.5	77.8	78.1	78.3
<b>Developing countries</b>												
Production	Mt	349.3	356.9	361.0	366.3	371.0	375.6	380.2	384.5	388.5	392.6	397.0
Consumption	Mt	453.7	486.8	486.9	492.6	498.4	504.6	510.9	517.3	523.7	529.8	535.8
Net trade	Mt	-118.6	-124.2	-126.9	-128.1	-129.9	-132.4	-134.4	-136.6	-138.3	-140.1	-142.0
Closing stocks	Mt	166.3	176.3	177.4	179.1	181.6	185.0	188.6	192.4	195.4	198.4	201.5
<b>OECD<sup>2</sup></b>												
Production	Mt	292.9	287.0	290.8	295.3	298.1	300.9	303.3	305.3	307.1	309.2	311.3
Consumption	Mt	223.8	222.1	224.6	225.2	226.3	227.8	229.5	231.1	232.3	233.5	234.9
Net trade	Mt	67.6	66.0	68.4	70.3	71.2	72.3	73.0	73.9	74.6	75.4	76.2
Closing stocks	Mt	61.8	57.7	55.6	55.4	56.0	56.8	57.5	57.8	58.0	58.3	58.5
<b>MAIZE</b>												
<b>World</b>												
Production	Mt	1 040.8	1 073.9	1 082.8	1 096.7	1 111.4	1 131.2	1 144.9	1 161.8	1 173.6	1 186.3	1 201.7
Area	Mha	181.2	185.4	185.5	185.9	186.6	187.8	188.5	189.3	189.7	189.9	190.4
Yield	t/ha	5.74	5.79	5.84	5.90	5.96	6.02	6.07	6.14	6.19	6.25	6.31
Consumption	Mt	1 037.0	1 080.4	1 090.2	1 101.3	1 113.2	1 129.5	1 142.4	1 155.7	1 170.8	1 185.0	1 200.7
Feed use	Mt	578.8	606.3	619.1	624.1	631.3	644.1	653.7	664.8	676.1	686.5	698.5
Food use	Mt	132.1	138.3	140.9	143.3	145.7	148.3	150.9	153.5	156.2	158.8	161.6
Biofuel use	Mt	173.9	178.8	178.7	180.6	179.6	179.4	178.7	178.3	178.2	178.1	177.9
Other use	Mt	104.9	108.7	102.7	103.9	106.7	107.7	108.7	108.3	109.3	110.2	111.0
Exports	Mt	138.7	138.5	140.1	142.6	144.8	146.4	148.3	150.5	152.5	155.0	157.2
Closing stocks	Mt	251.1	248.8	241.0	236.0	233.9	235.2	237.3	243.0	245.4	246.4	247.0
Price <sup>3</sup>	USD/t	155.9	158.7	163.2	167.4	172.6	174.6	174.0	172.4	172.2	172.4	173.0
<b>Developed countries</b>												
Production	Mt	504.0	515.2	514.8	519.5	522.7	530.5	532.9	539.2	541.7	544.6	549.9
Consumption	Mt	451.9	463.1	468.6	469.0	470.3	475.7	477.0	479.8	482.9	485.3	489.4
Net trade	Mt	48.4	48.1	50.3	52.2	52.8	53.4	54.9	57.1	58.7	60.1	60.7
Closing stocks	Mt	91.4	100.3	96.1	94.5	94.0	95.3	96.3	98.6	98.7	97.9	97.7
<b>Developing countries</b>												
Production	Mt	536.8	558.7	568.0	577.1	588.7	600.7	612.0	622.5	631.9	641.7	651.8
Consumption	Mt	585.1	617.3	621.6	632.3	642.9	653.8	665.4	675.9	687.9	699.7	711.3
Net trade	Mt	-47.3	-47.7	-49.9	-51.9	-52.5	-53.1	-54.6	-56.7	-58.4	-59.7	-60.4
Closing stocks	Mt	159.7	148.5	144.8	141.5	139.8	139.8	141.0	144.4	146.7	148.4	149.3
<b>OECD<sup>2</sup></b>												
Production	Mt	475.2	482.2	481.9	486.5	489.6	496.6	498.1	503.6	505.3	507.7	512.5
Consumption	Mt	471.5	486.2	491.7	492.1	493.4	498.8	500.1	503.0	506.2	508.7	512.9
Net trade	Mt	-1.1	-7.6	-5.3	-3.6	-3.1	-3.4	-2.6	-1.5	-0.8	-0.2	-0.1
Closing stocks	Mt	85.9	95.4	90.9	88.9	88.2	89.3	89.9	91.9	91.9	91.0	90.8

# ANNEX A

## Table A.1. World cereal projections (cont.)

Marketing year

		Average 2015-17est	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>OTHER COARSE GRAINS</b>												
<b>World</b>												
Production	Mt	297.4	297.1	298.4	301.3	305.3	309.3	312.9	316.2	319.5	323.2	326.9
Area	Mha	157.8	158.3	158.2	158.4	159.1	159.6	160.0	160.4	160.7	161.1	161.5
Yield	t/ha	1.89	1.88	1.89	1.90	1.92	1.94	1.95	1.97	1.99	2.01	2.02
Consumption	Mt	294.3	295.0	297.4	300.4	304.3	308.1	311.6	314.9	318.5	322.2	325.9
Feed use	Mt	164.9	167.7	168.1	169.8	171.7	173.4	175.1	176.7	178.5	180.5	182.4
Food use	Mt	77.0	78.9	80.2	81.4	82.9	84.3	85.7	87.2	88.6	90.1	91.6
Biofuel use	Mt	9.4	9.6	9.5	9.6	9.5	9.5	9.5	9.5	9.5	9.5	9.5
Other use	Mt	43.2	38.8	39.6	39.5	40.2	40.9	41.3	41.6	41.8	42.1	42.4
Exports	Mt	45.8	41.5	42.1	43.2	44.2	45.1	46.0	46.8	47.6	48.4	49.1
Closing stocks	Mt	63.8	63.6	64.1	64.6	65.1	65.8	66.7	67.5	68.0	68.6	69.1
Price <sup>4</sup>	USD/t	167.1	163.9	169.8	173.1	176.0	179.3	181.0	182.3	184.4	186.7	189.4
<b>Developed countries</b>												
Production	Mt	186.0	183.2	182.5	182.8	184.1	185.2	186.4	187.3	188.1	189.1	190.1
Consumption	Mt	152.7	151.8	151.3	151.5	152.3	153.1	153.5	153.8	154.2	154.7	155.3
Net trade	Mt	33.2	30.2	30.5	31.1	31.5	31.8	32.4	33.0	33.6	34.1	34.6
Closing stocks	Mt	38.5	39.6	40.3	40.6	40.9	41.2	41.7	42.2	42.4	42.6	42.9
<b>Developing countries</b>												
Production	Mt	111.4	113.9	115.8	118.5	121.3	124.1	126.5	128.9	131.4	134.1	136.8
Consumption	Mt	141.6	143.2	146.1	148.9	152.0	155.0	158.1	161.1	164.3	167.5	170.6
Net trade	Mt	-28.9	-29.8	-30.1	-30.7	-31.0	-31.3	-31.9	-32.6	-33.2	-33.7	-34.2
Closing stocks	Mt	25.3	24.0	23.8	24.0	24.3	24.6	25.0	25.3	25.6	25.9	26.2
<b>OECD<sup>2</sup></b>												
Production	Mt	151.2	151.7	151.3	151.6	152.8	153.7	154.8	155.5	156.3	157.3	158.2
Consumption	Mt	130.3	130.9	131.7	132.0	132.8	133.7	134.2	134.5	135.0	135.6	136.2
Net trade	Mt	22.4	19.0	18.9	19.4	19.8	20.0	20.4	20.8	21.3	21.7	22.0
Closing stocks	Mt	28.6	28.1	28.8	29.0	29.2	29.2	29.4	29.6	29.6	29.6	29.7
<b>RICE</b>												
<b>World</b>												
Production	Mt	498.3	509.7	516.4	522.2	526.8	532.3	538.1	544.3	550.5	556.5	562.3
Area	Mha	162.1	163.4	163.8	163.9	163.6	163.4	163.3	163.3	163.4	163.4	163.3
Yield	t/ha	3.07	3.12	3.15	3.19	3.22	3.26	3.30	3.33	3.37	3.41	3.44
Consumption	Mt	497.8	511.6	517.9	524.0	529.3	534.9	540.3	546.0	552.0	558.0	564.0
Feed use	Mt	19.8	20.5	20.7	21.0	21.3	21.5	21.6	21.7	21.9	22.1	22.3
Food use	Mt	403.4	415.0	420.0	425.4	430.3	435.3	439.9	444.7	449.8	454.9	459.5
Exports	Mt	45.2	44.7	45.6	46.6	47.6	48.7	49.7	50.9	52.0	53.2	54.4
Closing stocks	Mt	168.1	169.5	170.1	170.4	169.8	169.3	169.2	169.5	170.1	170.6	171.0
Price <sup>5</sup>	USD/t	404.7	412.3	410.6	409.9	414.1	419.6	423.9	425.8	427.2	428.5	431.0
<b>Developed countries</b>												
Production	Mt	17.9	18.6	18.5	18.5	18.6	18.8	18.9	19.1	19.2	19.3	19.4
Consumption	Mt	19.1	19.3	19.4	19.4	19.5	19.5	19.5	19.6	19.6	19.6	19.7
Net trade	Mt	-0.9	-0.7	-0.6	-0.7	-0.7	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5
Closing stocks	Mt	5.5	4.9	4.6	4.4	4.3	4.2	4.1	4.2	4.3	4.5	4.7
<b>Developing countries</b>												
Production	Mt	480.5	491.2	498.0	503.7	508.2	513.5	519.2	525.2	531.3	537.1	542.9
Consumption	Mt	478.7	492.3	498.6	504.6	509.9	515.4	520.8	526.4	532.4	538.4	544.3
Net trade	Mt	1.2	-1.3	-1.5	-1.4	-1.4	-1.4	-1.5	-1.5	-1.5	-1.6	-1.6
Closing stocks	Mt	162.6	164.6	165.4	165.9	165.6	165.2	165.0	165.3	165.7	166.1	166.3
<b>OECD<sup>2</sup></b>												
Production	Mt	21.1	21.7	21.5	21.5	21.6	21.7	21.7	21.8	21.9	21.9	21.9
Consumption	Mt	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.6	22.6	22.6
Net trade	Mt	-1.0	-1.0	-0.9	-1.0	-1.0	-1.0	-0.9	-0.9	-0.9	-0.9	-0.9
Closing stocks	Mt	6.1	5.3	5.0	4.8	4.6	4.6	4.5	4.6	4.7	4.9	5.2

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

Average 2015-17est: Data for 2017 are estimated.

1. No.2 hard red winter wheat, ordinary protein, United States FOB Gulf Ports (June/May).
2. Excludes Iceland but includes all EU28 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 (2018), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en