

FAPRI-MU's Preliminary Baseline
November 2023

**International Dairy, Livestock,
& Biofuels Tables**

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GDP Growth

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	Percent										
United States	2.29	2.12	2.52	2.95	1.82	2.46	2.97	2.47	-2.21	5.80	1.94
Canada	1.76	2.33	2.87	0.66	1.00	3.04	2.78	1.89	-5.07	5.01	3.44
Mexico	3.34	1.07	2.51	2.72	1.54	2.10	1.96	-0.27	-8.83	6.05	3.90
Argentina	-1.03	2.41	-2.51	2.73	-2.08	2.82	-2.62	-2.00	-9.90	10.72	4.96
Brazil	1.61	3.19	0.52	-3.54	-3.47	1.63	1.66	1.22	-3.57	5.33	3.02
European Union (excluding UK)	-0.64	-0.03	1.61	2.18	1.95	3.01	2.05	1.82	-5.72	5.77	3.51
Russia	4.02	1.76	0.74	-1.97	0.19	1.83	2.81	2.20	-2.65	5.61	-2.07
Ukraine	0.24	-0.03	-6.55	-9.77	2.24	2.36	3.49	3.20	-3.75	3.45	-29.08
Australia	3.77	2.20	2.56	2.28	2.69	2.38	2.82	1.95	-1.83	5.21	3.69
China (mainland)	7.85	7.77	7.39	7.02	6.85	6.92	6.74	5.99	2.21	8.45	2.97
India	5.16	6.13	6.96	7.51	8.98	6.09	7.28	4.59	-6.01	8.93	6.69
Indonesia	6.03	5.56	5.01	4.88	5.03	5.07	5.17	5.02	-2.07	3.70	5.31
Japan	1.37	2.04	0.21	1.60	0.72	1.71	0.63	-0.39	-4.29	2.32	1.02
South Korea	2.40	3.16	3.20	2.81	2.95	3.16	2.91	2.24	-0.71	4.30	2.61
Sub-Saharan Africa	4.50	4.95	6.00	3.18	1.16	2.88	3.15	3.02	-1.78	4.63	3.66
World	2.60	2.82	3.04	3.02	2.82	3.49	3.26	2.66	-2.96	6.16	3.05

GDP Deflator

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	Percent										
United States	1.86	1.70	1.74	0.93	0.95	1.79	2.29	1.68	1.32	4.58	7.04
Canada	1.21	1.74	1.94	-0.88	0.75	2.56	1.62	1.57	0.62	8.15	7.19
Mexico	4.62	1.62	4.36	3.22	6.14	6.51	5.20	4.31	4.90	4.34	6.71
Argentina	22.31	23.95	40.28	26.58	41.12	26.01	42.03	49.20	40.08	53.84	69.47
Brazil	8.27	7.31	7.83	7.56	8.33	3.36	4.62	4.23	6.79	11.02	8.16
European Union (excluding UK)	1.35	1.20	1.03	1.48	0.91	1.25	1.66	1.94	2.10	2.43	5.38
Russia	8.91	5.32	7.49	7.25	2.84	5.35	10.00	3.26	0.90	18.99	15.80
Ukraine	7.79	4.34	15.90	38.88	17.33	22.10	15.40	8.25	10.29	24.80	34.28
Australia	-0.52	1.29	0.31	-0.73	0.95	3.62	2.24	3.17	0.78	5.54	7.96
China (mainland)	2.34	2.16	1.06	0.02	1.41	4.26	3.51	1.25	0.52	4.55	2.27
India	8.04	6.56	4.78	1.98	2.54	4.74	4.74	1.10	3.51	8.53	9.57
Indonesia	3.75	4.97	5.44	3.98	2.44	4.29	3.82	1.60	-0.40	6.00	9.57
Japan	-0.76	-0.37	1.70	2.09	0.42	-0.08	0.00	0.63	0.96	-0.23	0.27
South Korea	1.25	1.02	0.91	3.19	1.99	2.22	0.48	-0.84	1.56	2.76	1.28

GDP Growth

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Percent										
United States	2.48	1.61	1.24	1.62	1.80	1.77	1.73	1.71	1.62	1.72	1.79
Canada	1.44	1.53	1.65	1.93	1.89	1.81	1.75	1.76	1.74	1.73	1.69
Mexico	3.28	2.35	2.56	2.52	2.49	2.49	2.56	2.55	2.53	2.56	2.51
Argentina	-2.00	-3.51	0.96	1.13	1.85	1.40	1.56	2.08	2.39	2.28	2.44
Brazil	3.22	2.04	2.78	2.90	3.52	3.46	3.35	3.39	3.28	3.27	3.19
European Union (excluding UK)	0.45	0.75	1.75	1.81	1.63	1.62	1.59	1.47	1.40	1.35	1.35
Russia	2.68	2.15	1.78	1.66	1.69	1.63	1.65	1.43	1.38	1.40	1.35
Ukraine	1.93	5.28	9.67	9.54	10.46	10.52	8.72	8.99	7.57	8.09	5.97
Australia	1.26	1.49	2.80	3.13	2.95	2.74	2.61	2.47	2.38	2.32	2.29
China (mainland)	5.02	4.60	4.62	4.54	4.52	4.51	4.50	4.32	4.00	4.00	3.85
India	6.72	5.82	6.30	6.41	6.46	6.28	5.98	5.83	5.74	5.63	5.40
Indonesia	5.16	4.79	5.01	4.98	5.00	4.93	4.83	4.70	4.64	4.66	4.57
Japan	1.74	0.88	1.04	1.00	0.78	0.75	0.77	0.80	0.85	0.81	0.81
South Korea	1.34	2.18	2.16	2.15	2.06	1.92	1.85	1.80	1.74	1.69	1.67
Sub-Saharan Africa	3.13	3.96	4.42	4.16	4.36	4.38	4.13	4.17	4.12	4.05	4.07
World	2.63	2.35	2.65	2.76	2.79	2.77	2.73	2.68	2.58	2.61	2.58

GDP Deflator

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Percent										
United States	3.55	2.40	2.36	2.17	2.19	2.25	2.26	2.27	2.33	2.33	2.34
Canada	0.02	0.40	1.77	1.64	1.49	1.53	1.57	1.52	1.50	1.50	1.63
Mexico	7.32	8.87	3.74	3.09	3.75	3.75	3.56	3.44	3.66	3.64	3.67
Argentina	131.64	175.88	46.48	22.89	16.11	10.02	7.68	5.73	4.90	4.08	3.27
Brazil	4.28	4.68	2.43	2.90	3.39	3.50	3.62	3.64	3.58	3.57	3.44
European Union (excluding UK)	5.80	2.65	2.17	1.79	1.90	1.84	1.83	1.90	2.00	2.00	2.01
Russia	3.43	1.26	0.40	2.92	3.88	4.24	4.09	3.91	3.63	3.54	3.38
Ukraine	9.62	11.73	13.02	10.93	6.12	8.19	11.74	10.14	8.62	7.74	8.27
Australia	1.59	1.48	3.31	1.91	1.91	2.31	2.37	2.29	2.35	2.42	2.35
China (mainland)	0.11	1.38	1.44	1.88	1.97	2.01	1.80	2.19	2.17	2.22	2.13
India	2.47	5.42	5.15	5.16	4.88	4.24	4.45	4.27	4.28	4.21	4.27
Indonesia	0.68	1.58	4.08	4.56	4.92	4.79	4.77	4.82	4.66	4.50	4.50
Japan	3.58	2.42	2.27	2.12	1.92	1.75	1.66	1.58	1.38	1.37	1.15
South Korea	1.63	2.88	2.41	2.35	2.09	1.88	1.85	1.88	1.84	1.80	1.80

CPI

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	Percent										
United States	2.07	1.47	1.62	0.12	1.27	2.13	2.44	1.81	1.25	4.68	7.99
Canada	1.53	0.92	1.92	1.12	1.44	1.60	2.24	1.96	0.72	3.41	6.80
Mexico	4.11	3.81	4.02	2.72	2.82	6.04	4.90	3.64	3.40	5.69	7.90
Argentina	10.04	10.62	21.39	16.36	37.52	25.39	34.15	52.80	40.48	47.10	73.13
Brazil	5.40	6.20	6.33	9.03	8.74	3.45	3.66	3.73	3.21	8.30	9.28
European Union (excluding UK)	2.54	1.34	0.44	0.18	0.24	1.54	1.78	1.36	0.54	2.75	8.87
Russia	5.07	6.75	7.82	15.53	7.04	3.68	2.88	4.47	3.38	6.69	13.75
Ukraine	0.57	-0.26	12.19	48.72	13.92	14.43	10.94	7.89	2.74	9.36	20.18
Australia	1.69	2.45	2.51	1.48	1.28	1.99	1.91	1.61	0.87	2.84	6.61
China (mainland)	2.65	2.62	1.99	1.44	2.01	1.55	2.11	2.90	2.48	0.91	1.96
India	9.38	9.86	6.65	4.91	4.95	3.33	3.95	3.72	6.62	5.14	6.69
Indonesia	4.28	6.44	6.39	6.36	3.53	3.81	3.20	2.82	2.03	1.56	4.21
Japan	-0.03	0.34	2.76	0.80	-0.13	0.49	0.97	0.49	-0.02	-0.24	2.52
South Korea	2.19	1.30	1.27	0.71	0.97	1.94	1.48	0.38	0.54	2.50	5.09

Exchange Rates

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	LCU per USD										
United States	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Canada	1.00	1.03	1.10	1.28	1.33	1.30	1.30	1.33	1.34	1.25	1.30
Mexico	13.16	12.77	13.31	15.87	18.69	18.92	19.24	19.26	21.49	20.28	20.12
Argentina	4.54	5.46	8.08	9.23	14.76	16.56	28.09	48.25	70.64	95.09	130.71
Brazil	1.95	2.16	2.35	3.33	3.49	3.19	3.65	3.94	5.16	5.40	5.17
Eurozone	0.78	0.75	0.75	0.90	0.90	0.89	0.85	0.89	0.88	0.85	0.95
Russia	31.08	31.85	38.46	61.11	67.03	58.31	62.74	64.73	72.25	73.66	68.73
Ukraine	7.99	7.99	11.89	21.84	25.55	26.60	27.20	25.83	26.96	27.28	32.30
Australia	0.97	1.04	1.11	1.33	1.35	1.30	1.34	1.44	1.45	1.33	1.44
China (mainland)	6.31	6.15	6.16	6.28	6.64	6.76	6.62	6.91	6.90	6.45	6.73
India	53.44	58.60	61.03	64.15	67.20	65.12	68.39	70.43	74.10	73.92	78.60
Indonesia	9386.63	10461.24	11865.21	13389.41	13308.33	13380.83	14236.94	14150.28	14593.09	14306.51	14852.71
Japan	79.81	97.63	105.85	121.03	108.83	112.18	110.39	109.01	106.79	109.79	131.38
South Korea	1126.47	1094.85	1052.96	1131.16	1160.43	1130.42	1100.56	1165.06	1180.27	1144.19	1292.17

CPI

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Percent										
United States	4.09	2.40	2.24	2.18	2.18	2.23	2.17	2.21	2.23	2.26	2.22
Canada	3.87	1.82	1.90	2.09	2.04	1.89	1.90	1.95	1.97	1.84	1.85
Mexico	5.59	4.43	3.49	3.44	3.51	3.51	3.39	3.33	3.25	3.25	3.24
Argentina	131.13	161.39	46.78	24.12	17.72	11.65	10.00	7.67	6.42	5.36	4.35
Brazil	4.56	4.49	3.13	3.21	3.22	3.30	3.30	3.32	3.32	3.35	3.37
European Union (excluding UK)	6.17	3.07	2.10	1.91	1.98	1.90	1.93	2.06	2.09	2.10	2.16
Russia	6.14	4.66	4.15	4.40	4.38	4.24	4.23	4.10	3.98	4.00	3.95
Ukraine	13.06	11.35	10.54	8.77	7.18	6.66	7.33	7.21	7.14	6.99	6.50
Australia	5.54	3.30	2.58	2.40	2.50	2.48	2.47	2.45	2.42	2.37	2.38
China (mainland)	0.51	2.00	2.18	2.13	2.25	2.14	2.13	2.17	2.19	2.21	2.23
India	5.91	5.37	4.99	5.11	4.97	4.93	4.84	4.55	4.48	4.43	4.39
Indonesia	3.78	3.91	3.88	3.98	4.05	4.02	4.09	4.06	4.04	4.02	4.02
Japan	3.08	2.05	1.92	1.76	1.56	1.54	1.43	1.33	1.21	1.09	1.04
South Korea	3.53	2.32	1.93	1.82	1.76	1.79	1.85	1.87	1.85	1.83	1.83

Exchange Rates

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	LCU per USD										
United States	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Canada	1.35	1.32	1.29	1.27	1.26	1.26	1.26	1.26	1.25	1.25	1.25
Mexico	17.86	19.48	21.03	22.07	22.40	22.59	22.79	23.00	23.19	23.38	23.59
Argentina	294.97	862.09	1156.63	1343.92	1514.55	1592.68	1628.32	1656.59	1681.63	1697.36	1703.39
Brazil	5.01	5.10	5.16	5.23	5.31	5.38	5.46	5.55	5.62	5.69	5.75
Eurozone	0.93	0.92	0.88	0.86	0.85	0.85	0.85	0.85	0.85	0.85	0.85
Russia	85.89	95.07	91.89	91.18	93.25	94.67	95.68	97.28	99.06	100.93	102.77
Ukraine	36.57	36.57	33.93	32.09	30.72	28.78	27.81	27.55	27.22	26.72	26.81
Australia	1.51	1.50	1.41	1.43	1.45	1.46	1.46	1.46	1.45	1.45	1.45
China (mainland)	7.09	6.88	6.56	6.40	6.32	6.29	6.33	6.42	6.48	6.52	6.55
India	82.70	83.34	83.72	85.40	86.32	87.22	88.13	89.03	89.98	90.99	91.99
Indonesia	15254.01	15661.45	15092.63	15101.23	15145.26	14895.41	14714.93	14676.76	14702.81	14759.23	14803.56
Japan	140.97	144.95	133.78	122.43	114.38	109.91	107.26	105.39	103.83	102.82	102.00
South Korea	1308.06	1291.37	1239.59	1216.44	1205.63	1203.01	1201.68	1200.30	1198.10	1195.28	1191.73

Population

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	Million										
United States	314.8	317.1	319.6	322.0	324.5	326.7	328.7	330.5	331.9	332.5	333.8
Canada	34.7	35.0	35.4	35.7	36.1	36.5	37.0	37.6	38.0	38.2	38.9
Mexico	115.8	117.3	118.8	120.1	121.5	122.8	124.0	125.1	126.0	126.7	127.5
Argentina	42.0	42.4	42.8	43.3	43.7	44.1	44.4	44.7	45.0	45.3	45.5
Brazil	200.0	201.7	203.5	205.2	206.9	208.5	210.2	211.8	213.2	214.3	215.3
European Union (excluding UK)	440.7	441.1	441.4	441.8	442.2	442.7	443.3	443.9	444.2	444.2	444.0
Russia	143.6	144.0	144.3	144.7	145.1	145.5	145.7	145.7	145.6	145.1	144.7
Ukraine	45.4	45.3	45.1	45.0	44.8	44.7	44.4	44.2	43.9	43.5	39.7
Australia	22.7	23.1	23.5	23.8	24.2	24.6	25.0	25.4	25.7	25.9	26.2
China (mainland)	1366.6	1376.1	1385.2	1393.7	1401.9	1410.3	1417.1	1421.9	1424.9	1425.9	1425.9
India	1274.5	1291.1	1307.2	1322.9	1338.6	1354.2	1369.0	1383.1	1396.4	1407.6	1417.2
Indonesia	250.2	253.3	256.2	259.1	261.9	264.5	267.1	269.6	271.9	273.8	275.5
Japan	127.9	127.7	127.5	127.3	127.0	126.7	126.3	125.8	125.2	124.6	124.0
South Korea	49.6	50.1	50.6	51.0	51.3	51.5	51.7	51.8	51.8	51.8	51.8
Sub-Saharan Africa	879.2	903.7	928.7	954.4	980.3	1006.3	1033.1	1060.6	1088.7	1116.9	1145.3
World	7112.9	7200.8	7288.3	7375.1	7461.2	7547.1	7630.7	7711.7	7787.3	7854.9	7917.7

Other U.S. Variables

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	Percent change										
U.S. real disposable income	2.74	-1.43	3.45	3.92	1.90	3.12	3.62	3.07	6.39	3.21	-5.96
U.S. real consumer expenditures	1.37	1.74	2.83	3.37	2.45	2.64	2.74	2.00	-2.52	8.41	2.53
	Percent										
Federal funds rate	0.14	0.11	0.09	0.13	0.40	1.00	1.83	2.16	0.38	0.08	1.68
Prime rate	3.25	3.25	3.25	3.26	3.51	4.10	4.90	5.28	3.54	3.25	4.85
	U.S. dollars per BTU										
Natural gas, Henry Hub	2.75	3.73	4.37	2.61	2.49	2.97	3.17	2.57	2.03	3.91	6.42
	U.S. dollars per barrel										
Refiner's oil acquisition price	101.00	100.47	92.23	48.40	40.60	50.69	64.46	59.36	39.16	67.51	95.16
West Texas Intermediate oil	94.20	97.94	93.26	48.69	43.21	50.96	64.89	56.98	39.25	67.99	94.78

Population

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Million										
United States	335.5	337.3	339.0	340.7	342.5	344.2	346.0	347.7	349.3	351.0	352.6
Canada	39.9	40.8	41.4	41.9	42.4	43.0	43.5	44.0	44.4	44.8	45.2
Mexico	128.5	129.4	130.3	131.2	132.1	132.9	133.7	134.5	135.3	136.1	136.8
Argentina	45.8	46.1	46.3	46.6	46.9	47.2	47.4	47.7	47.9	48.2	48.4
Brazil	216.4	217.6	218.8	219.9	221.0	222.0	223.0	223.9	224.8	225.6	226.3
European Union (excluding UK)	443.7	443.4	443.1	442.8	442.3	441.9	441.3	440.7	440.1	439.4	438.7
Russia	144.4	144.0	143.5	143.1	142.7	142.3	141.9	141.4	141.0	140.6	140.1
Ukraine	36.7	36.9	38.5	40.7	41.0	41.0	40.5	39.9	39.6	39.3	39.0
Australia	26.4	26.7	27.0	27.2	27.5	27.7	28.0	28.2	28.4	28.7	28.9
China (mainland)	1425.7	1425.2	1424.4	1423.3	1421.8	1420.0	1418.0	1415.6	1412.9	1410.0	1406.8
India	1428.6	1441.7	1454.6	1467.2	1479.6	1491.7	1503.5	1515.0	1526.2	1537.1	1547.7
Indonesia	277.5	279.8	282.0	284.2	286.2	288.3	290.2	292.2	294.0	295.8	297.6
Japan	123.3	122.6	122.0	121.3	120.6	119.9	119.2	118.5	117.8	117.1	116.4
South Korea	51.8	51.7	51.7	51.6	51.6	51.5	51.4	51.3	51.2	51.0	50.9
Sub-Saharan Africa	1174.2	1203.9	1234.1	1264.7	1295.7	1327.1	1358.8	1390.9	1423.2	1455.9	1488.8
World	7985.4	8058.1	8131.7	8205.2	8276.1	8346.1	8414.8	8482.6	8549.8	8616.2	8681.7

Other U.S. Variables

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Percent change										
U.S. real disposable income	4.11	2.69	2.67	2.31	2.36	2.23	2.23	2.24	2.18	2.19	2.25
U.S. real consumer expenditures	2.25	1.76	1.53	2.04	2.26	2.13	2.09	2.09	2.12	2.23	2.38
	Percent										
Federal funds rate	5.04	5.38	4.05	2.86	2.62	2.62	2.62	2.62	2.62	2.62	2.62
Prime rate	8.20	8.51	7.18	5.99	5.75	5.75	5.75	5.75	5.74	5.75	5.75
	U.S. dollars per BTU										
Natural gas, Henry Hub	2.53	3.17	4.44	5.41	5.24	4.98	4.44	4.34	4.52	4.87	5.16
	U.S. dollars per barrel										
Refiner's oil acquisition price	77.93	77.33	81.27	82.30	84.44	85.97	87.36	89.09	91.06	93.17	95.14
West Texas Intermediate oil	79.03	81.58	78.30	77.80	80.26	82.98	85.20	87.31	89.47	91.74	93.73

Indicator Prices

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
U.S. meat prices¹	(U.S. dollar per 100kg)										
Boxed beef cutout	420.36	430.53	527.36	523.54	455.65	462.40	471.92	491.32	521.08	617.76	581.89
Pork cutout	186.38	202.14	242.73	174.08	172.75	185.23	167.75	170.05	170.44	229.50	228.66
Chicken, nat. composite whole bird	191.76	219.80	231.22	199.56	185.92	206.22	215.61	195.29	161.40	223.06	309.82
World product prices	(U.S. dollar per tonne, marketing year)										
Soybean meal, Hamburg ²	538.00	533.00	403.00	351.00	336.00	382.00	329.00	338.00	463.00	520.00	530.92
Soybean oil, Decatur ³	1,039.00	843.00	697.00	658.00	718.00	662.00	606.00	654.00	1,261.00	1,609.00	1,438.74
Rapeseed oil, Rotterdam ²	1,127.00	954.00	782.00	798.00	871.00	844.00	840.00	879.00	1,306.00	1,849.00	1,113.00
World crop prices	(U.S. dollar per tonne, marketing year)										
Wheat, SRW, U.S. Gulf ³	309.00	268.00	223.00	196.00	170.00	186.00	209.00	221.00	247.31	333.61	316.66
Corn, No. 2 yellow, U.S. Gulf ³	298.29	203.19	171.22	164.57	155.45	160.23	168.89	157.95	238.92	300.10	286.64
Barley, France feed grade, Rouen ²	297.00	243.00	205.00	174.00	159.00	193.00	219.00	184.00	222.00	327.09	287.60
EU crop prices²	(Euro per tonne, marketing year)										
Wheat, France standard grade, Rouen	251.54	205.91	178.71	162.72	165.87	170.23	197.63	181.06	221.60	310.80	295.20
Corn, producer	216.70	179.58	167.08	166.75	162.96	168.34	163.81	169.03	213.60	291.18	300.36

Sources:

1 - MU Agricultural Markets and Policy

2 - Experiment Station at the University of Nevada, Reno

3 - FAPRI-MU

Indicator Prices

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
U.S. meat prices¹	(U.S. dollar per 100kg)										
Boxed beef cutout	660.35	697.73	725.66	734.82	722.63	703.18	689.48	677.73	672.67	668.32	665.57
Pork cutout	198.40	207.45	213.34	216.40	215.69	212.47	210.33	208.78	206.82	205.81	205.02
Chicken, nat. composite whole bird	272.68	256.75	246.01	245.21	248.06	250.37	252.27	253.47	254.72	256.72	259.61
World product prices	(U.S. dollar per tonne, marketing year)										
Soybean meal, Hamburg ²	464.14	357.01	350.51	361.70	366.03	363.32	357.19	351.69	349.43	349.53	346.91
Soybean oil, Decatur ³	1,386.37	1,216.11	1,214.15	1,225.74	1,236.20	1,240.64	1,243.40	1,243.10	1,242.93	1,246.37	1,255.54
Rapeseed oil, Rotterdam ²	1,261.38	1,118.60	1,110.61	1,139.45	1,143.65	1,155.79	1,158.81	1,164.53	1,173.37	1,172.63	1,183.42
World crop prices	(U.S. dollar per tonne, marketing year)										
Wheat, SRW, U.S. Gulf ³	255.03	239.58	226.80	217.66	220.37	220.00	218.34	216.43	214.70	214.91	215.40
Corn, No. 2 yellow, U.S. Gulf ³	228.40	205.72	201.93	199.59	201.17	200.61	198.26	195.36	193.58	193.00	191.86
Barley, France feed grade, Rouen ²	245.05	211.02	198.96	201.99	200.69	199.51	197.56	193.50	191.54	191.58	190.00
EU crop prices²	(Euro per tonne, marketing year)										
Wheat, France standard grade, Rouen	266.78	218.59	214.28	204.20	205.36	204.66	202.99	201.12	199.55	199.56	199.59
Corn, producer	229.15	202.63	192.83	188.71	189.91	189.76	188.07	186.00	184.92	184.73	183.97

Sources:

1 - MU Agricultural Markets and Policy

2 - Experiment Station at the University of Nevada, Reno

3 - FAPRI-MU

World Dairy Prices

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Oceania	(U.S. dollars per tonne)										
Cheese Price	3,823	4,381	4,474	3,336	3,090	3,848	3,652	3,915	3,958	4,416	5,457
Butter Price	3,318	4,015	3,753	3,183	3,251	5,364	4,898	4,520	3,855	5,111	5,809
SMP Price	3,163	4,399	3,753	2,165	1,994	2,048	1,990	2,621	2,799	3,357	3,865
WMP Price	3,234	4,689	3,768	2,474	2,424	3,095	3,005	3,133	2,983	3,853	3,872
Northern Europe	(U.S. dollars per tonne)										
Butter Price	3,909	5,134	4,500	3,239	3,493	5,930	6,034	4,408	3,666	5,005	7,175
SMP Price	3,041	4,043	3,596	2,018	1,966	1,997	1,779	2,375	2,454	3,108	3,954
WMP Price	3,545	4,656	4,146	2,566	2,505	3,323	3,238	3,288	3,081	3,915	5,146
	(U.S. dollars per hundredweight)										
U.S. all milk price*	18.56	20.11	24.07	17.21	16.34	17.69	16.28	18.65	18.16	18.53	25.34

*From AMAP projections

World Total*

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Cheese	(Thousand tonnes)										
Production	18,689	18,234	18,747	19,286	19,846	20,403	20,670	21,145	21,546	21,959	22,399
Imports	1,328	1,345	1,290	1,273	2,008	2,048	2,108	2,212	2,269	2,337	2,284
Exports	1,802	1,845	1,815	1,819	2,521	2,596	2,651	2,774	2,841	2,912	2,921
Consumption	18,192	17,767	18,163	18,681	19,356	19,806	20,074	20,589	20,911	21,366	21,684
Stocks	766	733	792	850	827	876	929	923	986	1,003	1,080
Butter											
Production	9,280	9,516	9,919	10,167	10,103	10,327	10,625	10,944	11,321	11,419	11,543
Imports	446	454	527	470	681	666	730	750	781	775	823
Exports	823	870	931	909	1,101	968	1,050	1,097	1,028	980	1,073
Consumption	8,869	9,116	9,494	9,647	9,701	10,006	10,278	10,623	11,016	11,257	11,307
Stocks	247	231	251	332	314	333	359	333	390	348	334
SMP											
Production	4,068	4,046	4,529	4,765	4,675	4,650	4,661	4,653	4,835	4,780	4,830
Imports	1,001	1,039	1,111	1,156	1,309	1,427	1,462	1,517	1,434	1,502	1,455
Exports	1,703	1,758	1,968	2,082	2,061	2,287	2,447	2,518	2,412	2,443	2,338
Consumption	3,385	3,400	3,513	3,759	3,571	3,798	3,862	3,833	3,825	3,914	3,919
Stocks	420	347	506	586	938	930	744	563	595	520	548
WMP											
Production	4,529	4,616	5,023	5,153	4,683	4,562	4,459	4,598	4,657	4,668	4,426
Imports	1,065	1,171	1,234	1,000	1,103	1,047	1,117	1,248	1,238	1,351	1,293
Exports	2,040	2,044	2,168	2,126	2,016	1,980	2,023	2,088	2,146	2,227	1,882
Consumption	3,543	3,698	3,847	3,997	4,048	3,605	3,555	3,825	3,671	3,785	3,782
Stocks	375	420	660	690	413	436	433	367	445	452	507

*As reported in USDA PS and D database as "World"

World Dairy Prices

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Oceania	(U.S. dollars per tonne)										
Cheese Price	4,419	4,475	4,533	4,516	4,485	4,491	4,498	4,491	4,492	4,488	4,489
Butter Price	4,867	4,826	4,786	4,675	4,680	4,684	4,689	4,669	4,666	4,660	4,656
SMP Price	2,698	2,931	3,166	3,182	3,159	3,140	3,120	3,102	3,088	3,070	3,054
WMP Price	3,083	3,303	3,526	3,570	3,627	3,637	3,646	3,644	3,649	3,625	3,606
Northern Europe	(U.S. dollars per tonne)										
Butter Price	5,239	5,198	5,158	5,047	5,052	5,056	5,061	5,041	5,039	5,032	5,028
SMP Price	2,696	2,929	3,164	3,180	3,157	3,138	3,118	3,100	3,086	3,068	3,052
WMP Price	3,811	3,831	3,854	3,898	3,955	3,965	3,974	3,972	3,977	3,953	3,934
U.S. all milk price*	(U.S. dollars per hundredweight)										
	20.68	20.84	21.49	21.16	20.96	20.74	20.73	20.65	20.59	20.60	20.62

*From AMAP projections

World Total*

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Cheese	(Thousand tonnes)										
Production	22,754	22,673	23,027	23,288	23,468	23,716	23,934	24,163	24,389	24,593	24,733
Imports	2,366	2,339	2,400	2,458	2,505	2,518	2,509	2,497	2,505	2,494	2,497
Exports	3,019	3,096	3,204	3,225	3,202	3,225	3,235	3,247	3,279	3,277	3,258
Consumption	22,165	21,918	22,222	22,504	22,755	22,992	23,196	23,401	23,603	23,796	23,963
Stocks	1,015	1,035	1,036	1,052	1,067	1,083	1,095	1,108	1,120	1,133	1,143
Butter	(Thousand tonnes)										
Production	11,802	12,131	12,403	12,629	12,900	13,160	13,415	13,678	13,934	14,192	14,431
Imports	819	761	786	809	801	805	796	787	789	791	793
Exports	1,092	1,035	1,070	1,059	1,083	1,103	1,120	1,132	1,153	1,170	1,187
Consumption	11,539	11,853	12,112	12,376	12,615	12,858	13,089	13,330	13,568	13,809	14,035
Stocks	324	290	296	301	304	308	310	313	315	318	320
SMP	(Thousand tonnes)										
Production	4,922	4,938	5,069	5,240	5,345	5,422	5,503	5,593	5,679	5,761	5,836
Imports	1,509	1,520	1,531	1,556	1,581	1,604	1,624	1,642	1,661	1,677	1,691
Exports	2,420	2,459	2,567	2,704	2,780	2,829	2,880	2,938	2,993	3,042	3,084
Consumption	4,036	4,002	4,034	4,086	4,140	4,192	4,243	4,293	4,344	4,393	4,441
Stocks	523	336	335	342	347	352	355	359	362	365	368
WMP	(Thousand tonnes)										
Production	4,594	4,516	4,795	5,021	5,174	5,244	5,291	5,323	5,343	5,339	5,313
Imports	1,191	1,187	1,161	1,091	1,064	1,076	1,096	1,120	1,149	1,194	1,250
Exports	2,180	1,978	2,117	2,225	2,296	2,316	2,323	2,320	2,310	2,288	2,258
Consumption	3,731	3,761	3,876	3,942	3,999	4,059	4,118	4,177	4,236	4,297	4,357
Stocks	381	463	481	481	481	482	483	484	485	486	487

*As reported in USDA PS and D database as "World"

New Zealand

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Thousand head)										
Dairy cows	5,010	5,005	5,176	5,056	4,998	4,861	4,993	4,946	4,922	4,904	4,875
	(Kilograms per head)										
Yield	4,107	3,968	4,279	4,294	4,306	4,370	4,430	4,438	4,474	4,498	4,352
	(Thousand tonnes)										
Milk production	20,567	20,200	21,893	21,587	21,224	21,530	22,017	21,896	21,980	21,995	21,051
Fluid use	425	451	495	497	497	497	515	520	525	530	535
Factory use	19,998	19,603	21,253	20,921	20,505	20,755	21,190	21,002	21,101	21,080	20,132
Cheese											
Production	328.0	311.0	325.0	355.0	360.0	386.0	370.0	365.0	350.0	380.0	375.0
Imports	5.0	5.0	7.0	8.0	10.0	11.0	12.0	13.0	10.0	11.0	10.0
Exports	306.0	277.0	278.0	327.0	355.0	343.0	322.0	335.0	323.0	361.0	340.0
Consumption	39.0	39.0	40.0	41.0	42.0	40.0	38.0	38.0	38.0	38.0	39.0
Stocks	50.0	50.0	64.0	59.0	32.0	46.0	68.0	73.0	72.0	64.0	70.0
Butter											
Production	527.0	535.0	580.0	594.0	570.0	525.0	550.0	525.0	500.0	470.0	500.0
Imports	0.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0
Exports	506.0	508.0	560.0	552.0	554.0	476.0	501.0	509.0	466.0	439.0	494.0
Consumption	21.0	22.0	22.0	24.0	28.0	28.0	29.0	29.0	30.0	31.0	32.0
Stocks	48.0	54.0	53.0	72.0	62.0	84.0	105.0	93.0	98.0	99.0	75.0
SMP											
Production	404.0	404.0	415.0	410.0	405.0	402.0	410.0	375.0	362.0	330.0	390.0
Imports	5.0	5.0	4.0	5.0	3.0	2.0	3.0	4.0	8.0	8.0	3.0
Exports	390.0	392.0	383.0	411.0	444.0	401.0	358.0	373.0	352.0	326.0	357.0
Consumption	3.0	4.0	6.0	7.0	5.0	5.0	5.0	7.0	14.0	15.0	15.0
Stocks	70.0	83.0	113.0	110.0	69.0	67.0	117.0	116.0	120.0	117.0	138.0
WMP											
Production	1273.0	1300.0	1460.0	1380.0	1320.0	1380.0	1450.0	1490.0	1570.0	1600.0	1400.0
Imports	1.0	1.0	1.0	7.0	4.0	2.0	2.0	4.0	2.0	2.0	2.0
Exports	1261.0	1291.0	1423.0	1380.0	1344.0	1342.0	1369.0	1536.0	1516.0	1624.0	1328.0
Consumption	2.0	14.0	15.0	18.0	18.0	22.0	20.0	20.0	18.0	18.0	18.0
Stocks	161.0	157.0	180.0	169.0	131.0	149.0	212.0	150.0	188.0	148.0	204.0
	(NZ\$ per 100kg)										
Average milk price	46.0	56.1	52.2	37.5	40.3	52.5	50.9	51.8	53.5	62.3	71.5

New Zealand

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Thousand head)										
Dairy cows	4,800	4,750	4,753	4,772	4,781	4,776	4,757	4,739	4,723	4,711	4,690
	(Kilograms per head)										
Yield	4,503	4,520	4,547	4,586	4,626	4,666	4,709	4,753	4,796	4,834	4,874
	(Thousand tonnes)										
Milk production	21,500	21,479	21,654	21,907	22,107	22,240	22,360	22,485	22,620	22,723	22,803
Fluid use	535	538	541	545	549	553	557	561	564	568	571
Factory use	20,580	20,556	20,728	20,977	21,173	21,302	21,418	21,539	21,670	21,770	21,847
Cheese											
Production	400.0	403.3	400.0	396.6	393.3	391.6	389.5	388.8	389.1	389.3	389.5
Imports	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Exports	400.0	377.9	374.4	370.6	366.8	364.6	361.8	360.6	360.6	360.5	360.3
Consumption	40.0	40.3	40.6	41.0	41.4	41.9	42.4	42.9	43.3	43.7	44.1
Stocks	45.0	45.1	45.0	45.0	45.1	45.3	45.5	45.7	45.8	45.9	46.0
Butter											
Production	480.0	477.5	478.7	480.7	486.2	492.4	499.5	507.8	517.4	527.4	537.2
Imports	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Exports	475.0	445.9	446.8	448.3	453.8	459.4	466.0	473.9	483.2	492.9	502.4
Consumption	32.0	32.2	32.7	33.1	33.4	33.8	34.3	34.7	35.0	35.3	35.6
Stocks	49.0	49.4	49.6	49.9	49.9	50.1	50.4	50.7	50.8	51.0	51.1
SMP											
Production	390.0	398.7	402.5	405.3	408.9	418.4	431.4	448.7	467.4	488.4	510.1
Imports	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Exports	450.0	387.3	391.1	393.1	396.4	405.6	418.3	435.6	454.3	475.2	496.8
Consumption	15.0	15.1	15.2	15.3	15.4	15.5	15.7	15.8	15.9	16.0	16.1
Stocks	66.0	65.3	64.5	64.5	64.6	64.9	65.3	65.6	65.8	66.0	66.1
WMP											
Production	1400.0	1401.9	1446.0	1481.8	1504.4	1503.1	1493.1	1479.2	1468.1	1449.6	1427.5
Imports	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Exports	1400.0	1387.0	1431.3	1465.8	1488.4	1486.0	1475.6	1461.7	1450.8	1432.0	1409.7
Consumption	18.0	18.1	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.3
Stocks	188.0	186.8	185.3	184.9	184.5	184.9	185.6	186.2	186.5	187.0	187.4
	(NZ\$ per 100kg)										
Average milk price	59.8	61.7	64.5	65.9	67.5	67.8	67.5	67.3	67.9	68.3	68.6

Australia

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Thousand head)										
Dairy cows	1,700	1,688	1,647	1,689	1,562	1,512	1,525	1,440	1,385	1,365	1,335
	(Kilograms per head)										
Yield	5,782	5,583	5,874	6,208	6,172	6,231	6,375	6,253	6,617	6,716	6,357
	(Thousand tonnes)										
Milk production	9,794	9,309	9,798	10,091	9,486	9,462	9,451	8,832	9,099	9,067	8,455
Fluid use	2,511	2,494	2,600	2,700	2,550	2,530	2,620	2,536	2,528	2,490	2,450
Factory use	7,190	6,711	7,050	7,230	6,749	6,723	6,610	6,048	6,306	6,180	5,677
Cheese											
Production	352.0	318.0	328.0	343.0	344.0	348.0	366.0	364.0	379.0	393.0	400.0
Imports	75.0	69.0	80.0	89.0	99.0	116.0	98.0	97.0	98.0	97.0	96.0
Exports	163.0	163.0	151.0	171.0	167.0	171.0	172.0	160.0	153.0	157.0	145.0
Consumption	245.0	252.0	265.0	270.0	275.0	291.0	293.0	297.0	305.0	330.0	330.0
Stocks	93.0	65.0	57.0	48.0	49.0	51.0	50.0	54.0	73.0	76.0	97.0
Butter											
Production	119.0	117.0	125.0	120.0	110.0	103.0	93.0	70.0	75.0	70.0	55.0
Imports	21.0	21.0	23.0	22.0	30.0	35.0	42.0	40.0	43.0	37.0	41.0
Exports	54.0	50.0	44.0	35.0	30.0	16.0	17.0	18.0	16.0	22.0	15.0
Consumption	82.0	85.0	89.0	94.0	102.0	115.0	117.0	104.0	106.0	95.0	91.0
Stocks	46.0	49.0	64.0	77.0	85.0	92.0	93.0	81.0	77.0	67.0	57.0
SMP											
Production	235.0	208.0	228.0	266.0	238.0	187.0	201.0	150.0	155.0	157.0	155.0
Imports	3.0	5.0	6.0	10.0	6.0	8.0	13.0	15.0	16.0	14.0	15.0
Exports	168.0	119.0	164.0	201.0	163.0	157.0	155.0	128.0	129.0	156.0	154.0
Consumption	76.0	80.0	81.0	85.0	75.0	46.0	48.0	45.0	43.0	40.0	28.0
Stocks	61.0	75.0	64.0	54.0	60.0	52.0	63.0	55.0	54.0	29.0	17.0
WMP											
Production	120.0	120.0	105.0	85.0	56.0	77.0	63.0	37.0	47.0	53.0	37.0
Imports	9.0	8.0	9.0	11.0	16.0	28.0	28.0	37.0	43.0	37.0	40.0
Exports	109.0	96.0	81.0	65.0	70.0	55.0	55.0	42.0	37.0	51.0	58.0
Consumption	33.0	35.0	32.0	30.0	30.0	32.0	35.0	33.0	40.0	40.0	35.0
Stocks	35.0	32.0	33.0	34.0	6.0	24.0	25.0	24.0	37.0	36.0	20.0

Australia

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Thousand head)										
Dairy cows	1,325	1,315	1,323	1,337	1,342	1,339	1,332	1,324	1,315	1,304	1,290
	(Kilograms per head)										
Yield	6,212	6,347	6,498	6,627	6,674	6,725	6,781	6,834	6,885	6,931	6,979
	(Thousand tonnes)										
Milk production	8,200	8,371	8,640	8,877	8,949	8,982	9,005	9,017	9,016	8,989	8,948
Fluid use	2,400	2,411	2,435	2,455	2,474	2,492	2,510	2,528	2,545	2,561	2,576
Factory use	5,505	5,665	5,911	6,127	6,181	6,196	6,200	6,195	6,176	6,134	6,078
Cheese											
Production	380.0	388.7	394.9	400.2	397.1	396.2	395.0	394.2	392.5	389.8	386.7
Imports	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Exports	120.0	154.6	151.4	144.0	137.0	132.0	126.3	120.6	114.3	107.1	100.0
Consumption	340.0	344.0	352.2	356.1	359.9	364.0	368.4	373.2	377.8	382.3	386.4
Stocks	117.0	107.2	98.5	98.6	98.7	98.9	99.2	99.6	100.0	100.3	100.6
Butter											
Production	50.0	56.3	58.0	63.9	67.1	68.0	68.4	67.9	67.4	66.3	65.1
Imports	55.0	46.9	48.7	49.5	50.1	50.8	51.5	52.4	53.2	53.9	54.7
Exports	9.0	7.6	6.9	12.6	15.5	15.6	15.1	13.7	12.5	10.6	8.6
Consumption	92.0	95.2	98.7	100.5	101.6	103.0	104.6	106.3	107.9	109.5	110.9
Stocks	61.0	61.3	62.4	62.6	62.6	62.8	63.0	63.2	63.5	63.7	63.9
SMP											
Production	150.0	158.4	168.3	178.1	180.5	179.7	178.6	176.9	174.8	172.0	168.8
Imports	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Exports	130.0	144.7	153.2	162.6	164.3	162.6	160.5	157.9	155.0	151.3	147.3
Consumption	30.0	29.4	30.0	30.5	31.1	31.9	32.8	33.7	34.6	35.5	36.3
Stocks	22.0	21.3	21.4	21.4	21.5	21.7	22.0	22.4	22.7	22.9	23.2
WMP											
Production	30.0	38.4	51.6	62.7	68.6	70.8	71.9	72.0	71.8	70.3	68.3
Imports	45.0	40.7	41.9	42.5	41.7	42.0	42.1	41.9	42.0	42.0	42.0
Exports	40.0	44.4	57.7	69.3	74.1	75.9	76.4	75.7	75.0	72.9	70.2
Consumption	35.0	35.0	35.6	36.0	36.3	36.8	37.4	38.0	38.6	39.2	39.8
Stocks	20.0	19.7	19.8	19.8	19.7	19.8	19.9	20.1	20.3	20.5	20.7

China

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Thousand head)										
Dairy cows	8,000	8,350	8,400	8,400	8,000	7,000	6,200	6,100	6,150	6,200	6,400
	(Kilograms per head)										
Yield	3,884	3,583	3,762	3,878	4,085	4,604	5,000	5,226	5,571	5,846	6,078
	(Thousand tonnes)										
Milk production	33,109	31,458	33,149	33,298	32,240	31,886	32,250	32,976	35,500	37,950	40,350
Fluid use	13,190	12,650	12,970	13,130	12,555	12,810	12,700	13,200	13,000	15,595	16,250
Factory use	19,986	18,967	20,473	20,603	20,296	19,721	20,196	20,642	23,515	23,600	25,053
Cheese											
Production	266.0	4.0	5.0	6.0	7.0	8.0	8.0	12.0	14.0	18.0	20.0
Imports	39.0	47.0	66.0	76.0	97.0	108.0	108.0	115.0	129.0	176.0	145.0
Exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Consumption	305.0	51.0	71.0	82.0	104.0	116.0	116.0	127.0	143.0	194.0	165.0
Stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Butter											
Production	105.0	97.0	97.0	98.0	98.0	99.0	108.0	110.0	108.0	109.0	109.0
Imports	54.0	57.0	88.0	75.0	87.0	98.0	120.0	91.0	123.0	139.0	153.0
Exports	3.0	1.0	3.0	1.0	1.0	2.0	2.0	3.0	1.0	2.0	2.0
Consumption	156.0	153.0	182.0	172.0	184.0	195.0	226.0	198.0	230.0	246.0	260.0
Stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SMP											
Production	57.0	54.0	49.0	45.0	40.0	30.0	20.0	15.0	20.0	22.0	25.0
Imports	168.0	235.0	253.0	200.0	184.0	247.0	280.0	344.0	336.0	426.0	335.0
Exports	0.0	0.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0
Consumption	225.0	289.0	300.0	244.0	223.0	276.0	299.0	358.0	355.0	446.0	359.0
Stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WMP											
Production	1160.0	1200.0	1350.0	1617.0	1375.0	1080.0	965.0	1052.0	992.0	1010.0	1050.0
Imports	406.0	619.0	671.0	347.0	420.0	470.0	521.0	671.0	644.0	849.0	700.0
Exports	9.0	3.0	6.0	4.0	3.0	2.0	2.0	1.0	1.0	2.0	3.0
Consumption	1547.0	1746.0	1845.0	1910.0	1992.0	1598.0	1534.0	1722.0	1585.0	1807.0	1747.0
Stocks	60.0	130.0	300.0	350.0	150.0	100.0	50.0	50.0	100.0	150.0	150.0

China

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Thousand head)										
Dairy cows	6,500	6,500	6,603	6,753	6,811	6,829	6,816	6,806	6,799	6,788	6,756
	(Kilograms per head)										
Yield	6,308	6,336	6,453	6,538	6,623	6,709	6,802	6,893	6,982	7,067	7,152
	(Thousand tonnes)										
Milk production	42,200	42,731	44,322	45,568	46,389	46,996	47,549	48,112	48,652	49,073	49,386
Fluid use	16,720	16,935	17,172	17,432	17,673	17,912	18,137	18,353	18,567	18,790	19,011
Factory use	26,205	26,531	27,895	28,892	29,484	29,863	30,200	30,557	30,893	31,101	31,202
Cheese											
Production	25.0	27.7	30.0	32.1	34.1	36.3	38.4	40.7	42.9	45.1	47.3
Imports	170.0	192.1	215.4	238.7	261.8	284.1	305.9	327.6	349.1	356.6	378.2
Exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Consumption	195.0	219.9	245.4	270.8	295.9	320.3	344.4	368.3	392.0	401.8	425.5
Stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Butter											
Production	110.0	120.9	118.3	116.1	117.1	118.7	121.3	123.8	126.2	128.4	130.5
Imports	135.0	126.1	131.2	135.6	136.0	135.4	133.6	131.9	130.2	128.8	127.4
Exports	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Consumption	243.0	245.1	247.5	249.7	251.1	252.1	252.9	253.7	254.4	255.2	255.9
Stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SMP											
Production	30.0	34.9	39.3	42.9	46.6	50.3	54.3	58.3	62.3	66.2	70.2
Imports	400.0	410.0	421.1	434.8	448.1	461.0	473.5	485.5	497.5	509.6	521.6
Exports	2.0	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Consumption	428.0	443.1	458.9	476.0	493.0	509.7	526.1	542.2	558.2	574.2	590.1
Stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WMP											
Production	1175.0	1193.9	1333.2	1433.1	1491.1	1520.5	1542.2	1562.8	1580.9	1583.4	1574.2
Imports	550.0	565.1	540.1	466.2	454.2	472.5	496.1	520.5	546.9	591.2	646.4
Exports	6.0	3.7	4.2	4.6	4.2	4.3	4.4	4.3	4.3	4.3	4.3
Consumption	1694.0	1731.6	1845.1	1894.4	1940.9	1988.4	2033.9	2078.9	2123.4	2170.0	2216.0
Stocks	175.0	198.8	222.8	223.1	223.3	223.5	223.7	223.8	223.9	224.1	224.4

India

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Thousand head)										
Dairy cows	46,400	48,250	50,500	52,500	53,500	54,000	52,482	54,600	56,450	58,000	59,500
	(Kilograms per head)										
Yield	1,264	1,260	1,290	1,390	1,453	1,571	1,677	1,657	1,639	1,634	1,587
	(Thousand tonnes)										
Milk production	132,430	137,686	146,313	155,481	165,118	176,061	187,700	191,000	194,800	199,000	202,000
Fluid use	53,000	54,400	59,980	63,750	67,700	72,185	77,000	79,000	81,000	83,000	84,500
Factory use	79,420	83,281	86,315	91,726	97,413	103,868	110,691	111,986	113,789	115,988	117,485
Cheese											
Production	2.9	3.0	3.7	3.5	4.2	4.8	5.5	5.3	6.8	5.7	5.7
Imports	1.2	1.3	1.4	1.3	1.7	1.8	2.3	2.2	1.5	1.8	2.7
Exports	3.4	3.1	4.7	4.4	5.9	6.6	7.8	7.4	8.2	7.5	8.4
Consumption	0.7	1.1	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Butter											
Production	4,525	4,745	4,887	5,035	5,200	5,400	5,600	5,850	6,100	6,300	6,500
Imports	8.0	1.0	1.0	6.0	6.0	2.0	1.0	0.0	1.0	0.0	0.0
Exports	8.0	10.0	10.0	9.0	9.0	15.0	33.0	47.0	20.0	11.0	37.0
Consumption	4,525	4,735	4,876	5,032	5,196	5,387	5,577	5,803	6,081	6,289	6,463
Stocks	5.0	6.0	8.0	8.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0
SMP											
Production	450.0	490.0	520.0	540.0	540.0	570.0	600.0	635.0	660.0	680.0	700.0
Imports	14.0	0.0	1.0	0.0	0.0	1.0	0.0	1.0	1.0	0.0	0.0
Exports	37.0	130.0	61.0	18.0	19.0	10.0	43.0	8.0	5.0	45.0	28.0
Consumption	425.0	400.0	446.0	492.0	531.0	576.0	572.0	601.0	636.0	653.0	711.0
Stocks	51.0	11.0	25.0	55.0	45.0	30.0	15.0	42.0	62.0	44.0	5.0

India

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Thousand head)										
Dairy cows	61,000	61,500	62,668	64,059	65,239	66,253	67,220	68,223	69,250	70,271	71,256
	(Kilograms per head)										
Yield	1,616	1,653	1,680	1,702	1,725	1,750	1,775	1,800	1,824	1,848	1,872
	(Thousand tonnes)										
Milk production	207,100	213,106	218,798	224,023	229,079	234,145	239,336	244,606	249,868	255,086	260,306
Fluid use	87,000	89,539	92,045	94,498	96,974	99,490	102,054	104,680	107,321	109,966	112,626
Factory use	120,084	123,552	126,738	129,510	132,090	134,639	137,267	139,912	142,532	145,105	147,665
Cheese											
Production	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
Imports	2.7	2.4	2.6	2.6	2.5	2.6	2.5	2.5	2.5	2.5	2.5
Exports	8.4	8.1	8.3	8.2	8.1	8.2	8.1	8.1	8.1	8.0	8.0
Consumption	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
Stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Butter											
Production	6,750	6,974	7,185	7,378	7,562	7,745	7,933	8,123	8,312	8,499	8,686
Imports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
Consumption	6,732	6,956	7,167	7,360	7,544	7,727	7,915	8,105	8,294	8,481	8,668
Stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SMP											
Production	730.0	768.0	803.7	823.7	838.8	854.6	870.4	886.5	903.2	919.8	936.6
Imports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	2.0	37.3	68.9	77.3	78.7	81.1	83.6	86.5	89.9	93.1	96.7
Consumption	728.0	731.2	735.2	746.4	760.0	773.3	786.7	800.0	813.2	826.6	839.8
Stocks	5.0	4.5	4.1	4.1	4.3	4.4	4.5	4.6	4.7	4.8	4.8

Argentina

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Thousand head)										
Dairy cows	2,193	2,100	1,826	1,786	1,720	1,672	1,640	1,598	1,610	1,562	1,546
	(Kilograms per head)										
Yield	5,441	5,868	6,271	6,590	6,009	6,093	6,694	6,633	7,216	7,658	7,514
	(Thousand tonnes)										
Milk production	11,679	11,519	11,326	11,552	10,191	10,090	10,837	10,640	11,445	11,900	11,557
Fluid use	2,141	2,074	2,053	2,095	1,718	1,681	1,771	1,645	1,800	1,900	1,800
Factory use	9,533	9,441	9,269	9,455	8,472	8,407	9,069	8,996	9,646	10,001	9,757
Cheese											
Production	564.0	549.0	562.0	566.0	552.0	514.0	444.0	523.0	488.0	530.0	462.0
Imports	3.0	3.0	3.0	1.0	3.0	4.0	4.0	2.0	1.0	3.0	3.0
Exports	56.0	53.0	57.0	43.0	53.0	44.0	61.0	61.0	70.0	78.0	82.0
Consumption	511.0	498.0	507.0	524.0	508.0	485.0	380.0	461.0	420.0	457.0	377.0
Stocks	38.0	39.0	40.0	40.0	34.0	23.0	30.0	33.0	32.0	30.0	33.0
Butter											
Production	58.0	60.0	52.0	46.0	37.0	30.0	33.0	33.0	34.0	41.0	40.0
Imports	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
Exports	22.0	19.0	14.0	9.0	6.0	4.0	11.0	15.0	21.0	31.0	29.0
Consumption	37.0	41.0	38.0	37.0	32.0	28.0	21.0	19.0	14.0	10.0	11.0
Stocks	3.0	4.0	4.0	4.0	3.0	2.0	3.0	2.0	1.0	1.0	1.0
SMP											
Production	32.0	34.0	37.0	41.0	45.0	42.0	41.0	45.0	52.0	55.0	48.0
Imports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	14.0	25.0	22.0	24.0	26.0	20.0	23.0	22.0	28.0	21.0	28.0
Consumption	18.0	17.0	15.0	17.0	10.0	20.0	24.0	20.0	23.0	28.0	18.0
Stocks	8.0	0.0	0.0	0.0	9.0	11.0	5.0	8.0	9.0	15.0	17.0
WMP											
Production	281.0	277.0	258.0	252.0	180.0	170.0	192.0	188.0	213.0	234.0	209.0
Imports	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	0.0	0.0	0.0
Exports	201.0	182.0	144.0	138.0	110.0	71.0	135.0	97.0	148.0	145.0	154.0
Consumption	90.0	95.0	105.0	114.0	102.0	75.0	75.0	84.0	80.0	73.0	58.0
Stocks	36.0	36.0	45.0	45.0	13.0	37.0	20.0	29.0	14.0	30.0	27.0

Argentina

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Thousand head)										
Dairy cows	1,530	1,499	1,508	1,537	1,547	1,544	1,529	1,507	1,482	1,462	1,434
	(Kilograms per head)										
Yield	7,554	7,591	7,720	7,803	7,887	7,969	8,052	8,136	8,231	8,311	8,392
	(Thousand tonnes)										
Milk production	11,441	11,412	11,754	12,036	12,192	12,244	12,223	12,160	12,113	12,032	11,903
Fluid use	1,836	1,906	1,849	1,831	1,822	1,825	1,834	1,846	1,856	1,871	1,887
Factory use	9,605	9,506	9,905	10,205	10,370	10,419	10,390	10,314	10,257	10,162	10,015
Cheese											
Production	490.0	490.8	548.0	569.4	571.5	572.5	567.2	559.7	565.3	562.6	555.7
Imports	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Exports	92.0	137.0	186.0	200.4	197.1	191.4	178.6	164.5	166.9	157.8	145.0
Consumption	358.0	359.9	364.9	371.7	377.2	383.9	391.3	398.0	401.5	407.6	413.6
Stocks	73.0	69.9	70.1	70.4	70.5	70.7	71.0	71.2	71.2	71.4	71.6
Butter											
Production	40.0	49.2	52.3	52.6	56.0	56.2	54.9	53.9	53.5	53.2	52.5
Imports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	30.0	39.7	42.1	41.8	45.1	44.9	43.1	41.7	41.0	40.3	39.3
Consumption	10.0	9.7	10.2	10.7	11.0	11.3	11.8	12.2	12.5	12.9	13.2
Stocks	1.0	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
SMP											
Production	24.0	31.2	34.5	36.9	39.5	41.9	44.2	46.7	49.2	51.8	54.3
Imports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	18.0	17.6	20.5	22.8	25.2	27.3	29.4	31.7	34.1	36.4	38.8
Consumption	14.0	13.9	13.9	14.1	14.3	14.5	14.7	14.9	15.1	15.3	15.5
Stocks	9.0	8.7	8.7	8.7	8.7	8.8	8.8	8.8	8.8	8.9	8.9
WMP											
Production	188.0	194.4	220.5	244.7	264.9	271.0	271.9	268.0	257.0	246.5	232.8
Imports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	112.0	140.1	164.2	182.4	202.2	207.3	207.1	202.4	190.5	179.0	164.4
Consumption	61.0	61.4	61.4	62.1	62.6	63.6	64.6	65.5	66.4	67.3	68.2
Stocks	42.0	34.9	29.7	29.9	29.9	30.0	30.3	30.4	30.5	30.7	30.8

EU-27

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
					(Thousand head)						
Dairy cows					21,652	21,634	21,409	21,029	20,766	20,514	20,213
					(Kilograms per head)						
Yield					6,410	6,545	6,704	6,846	7,046	7,112	7,208
					(Thousand tonnes)						
Milk production					142,507	144,794	146,305	147,106	149,732	148,978	149,508
Fluid use					23,903	23,738	23,313	23,373	24,106	23,951	23,780
Factory use					117,993	120,642	122,666	123,152	124,862	124,054	125,063
Cheese											
Production					9,640	9,796	9,872	10,155	10,362	10,401	10,374
Imports					195	191	197	212	223	196	187
Exports					1,231	1,275	1,279	1,348	1,402	1,385	1,336
Consumption					8,616	8,727	8,790	9,019	9,183	9,212	9,225
Stocks					15	0	0	0	0	0	0
Butter											
Production					2,021	2,031	2,069	2,125	2,173	2,141	2,090
Imports					64	62	76	77	52	51	72
Exports					302	255	247	302	316	265	250
Consumption					1,810	1,862	1,898	1,900	1,909	1,927	1,912
Stocks					24	0	0	0	0	0	0
SMP											
Production					1,582	1,555	1,568	1,556	1,590	1,504	1,517
Imports					44	55	46	56	36	32	37
Exports					597	794	826	945	831	788	711
Consumption					681	854	992	835	795	748	843
Stocks					410	372	168	0	0	0	0
WMP											
Production					714	733	684	697	736	663	616
Imports					41	34	43	42	27	11	20
Exports					381	404	346	315	345	298	236
Consumption					374	363	381	424	418	376	400
Stocks					0	0	0	0	0	0	0
Prices											
Milk					284	349	340	348	342	368	502
Butter					3,224	5,082	5,110	3,921	3,360	4,191	6,673
Cheese					2,682	3,192	3,064	3,029	3,037	3,183	4,250
Skim milk powder					1,789	1,775	1,494	2,100	2,207	2,621	3,675
Whole milk powder					2,349	2,922	2,716	2,913	2,787	3,270	4,770

EU-27

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Thousand head)										
Dairy cows	20,100	20,000	20,005	20,057	19,929	19,702	19,461	19,257	19,066	18,868	18,647
	(Kilograms per head)										
Yield	7,257	7,294	7,327	7,431	7,540	7,658	7,781	7,903	8,022	8,138	8,248
	(Thousand tonnes)										
Milk production	149,700	150,137	151,025	152,829	153,682	154,240	154,950	155,760	156,491	157,010	157,270
Fluid use	23,700	23,713	23,629	23,516	23,354	23,175	22,998	22,831	22,658	22,481	22,294
Factory use	125,460	125,868	126,821	128,719	129,716	130,434	131,304	132,265	133,152	133,831	134,261
Cheese											
Production	10,390	10,492	10,656	10,733	10,753	10,801	10,853	10,912	10,966	11,000	11,013
Imports	180	188	185	184	186	185	185	185	185	185	185
Exports	1,340	1,392	1,441	1,440	1,412	1,420	1,434	1,451	1,468	1,469	1,456
Consumption	9,230	9,287	9,400	9,477	9,527	9,566	9,604	9,645	9,683	9,716	9,742
Stocks	0	0	0	0	0	0	0	0	0	0	0
Butter											
Production	2,100	2,101	2,121	2,123	2,140	2,158	2,178	2,196	2,214	2,232	2,249
Imports	60	61	64	62	62	63	62	63	63	62	63
Exports	260	266	288	270	274	281	289	295	303	309	316
Consumption	1,900	1,895	1,897	1,915	1,928	1,940	1,951	1,963	1,974	1,985	1,996
Stocks	0	0	0	0	0	0	0	0	0	0	0
SMP											
Production	1,520	1,508	1,505	1,557	1,579	1,577	1,584	1,594	1,603	1,606	1,602
Imports	40	36	38	38	37	38	38	38	38	38	38
Exports	810	809	796	844	861	858	863	871	878	880	875
Consumption	750	735	746	751	755	757	759	761	762	764	765
Stocks	0	0	0	0	0	0	0	0	0	0	0
WMP											
Production	620	617	630	658	679	693	712	731	749	765	780
Imports	20	17	19	19	18	19	19	18	19	18	18
Exports	255	249	263	288	307	323	341	360	377	393	409
Consumption	385	385	386	389	389	389	389	390	390	390	390
Stocks	0	0	0	0	0	0	0	0	0	0	0
Prices	(Euro per tonne)										
Milk	465	434	417	405	402	402	401	399	397	397	398
Butter	4,638	4,563	4,305	4,134	4,110	4,109	4,110	4,091	4,087	4,080	4,076
Cheese	3,854	3,830	3,655	3,555	3,524	3,515	3,504	3,478	3,461	3,453	3,461
Skim milk powder	2,414	2,604	2,704	2,611	2,554	2,536	2,512	2,486	2,464	2,444	2,433
Whole milk powder	3,426	3,531	3,534	3,399	3,425	3,520	3,553	3,573	3,627	3,682	3,754

UK

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
					(Thousand head)						
Dairy cows					1,918	1,898	1,904	1,879	1,867	1,856	1,859
					(Kilograms per head)						
Yield					7,622	7,967	8,030	8,238	8,298	8,306	8,358
					(Thousand tonnes)						
Milk production					14,542	15,145	15,189	15,429	15,447	15,428	15,500
Fluid use					6,623	6,910	6,788	6,423	6,385	6,261	6,281
Factory use					7,414	7,651	7,851	8,394	8,505	8,747	8,700
Cheese											
Production					442	457	472	472	488	503	515
Imports					478	478	508	524	485	400	411
Exports					162	168	187	206	190	154	176
Consumption					758	767	793	790	783	749	750
Stocks					0	0	0	0	0	0	0
Butter											
Production					143	161	140	194	194	212	205
Imports					76	77	78	74	74	55	53
Exports					65	56	65	73	65	55	51
Consumption					154	182	153	195	203	212	207
Stocks					-	0	0	0	0	0	0
SMP											
Production					84	87	68	77	67	65	50
Imports					37	34	29	26	21	14	12
Exports					41	55	60	82	72	52	47
Consumption					80	66	37	21	16	27	15
Stocks					0	0	0	0	0	0	0

Japan

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Thousand head)										
Dairy cows	813.0	798.0	773.0	750.0	752.0	735.0	731.0	730.0	715.0	726.0	737.0
	(Kilograms per head)										
Yield	9,474	9,558	9,631	9,826	9,945	9,933	9,978	10,123	10,323	10,273	10,492
	(Thousand tonnes)										
Milk production	7,631	7,508	7,334	7,379	7,394	7,281	7,289	7,314	7,438	7,515	7,617
Fluid use	4,043	3,972	3,908	3,932	3,988	3,974	3,995	4,000	4,020	4,050	3,977
Factory use	3,527	3,477	3,364	3,390	3,349	3,252	3,243	3,264	3,367	3,413	3,594
Cheese											
Production	47.0	49.0	46.0	46.0	47.0	46.0	45.0	44.0	48.0	49.0	50.0
Imports	235.0	236.0	232.0	249.0	258.0	273.0	286.0	303.0	292.0	288.0	274.0
Exports	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Consumption	282.0	285.0	278.0	294.0	304.0	324.0	329.0	346.0	335.0	335.0	325.0
Stocks	15.0	15.0	15.0	15.0	15.0	9.0	10.0	10.0	14.0	15.0	13.0
Butter											
Production	69.0	68.0	61.0	65.0	66.0	60.0	60.0	62.0	72.0	71.0	75.0
Imports	10.0	4.0	11.0	16.0	13.0	8.0	16.0	25.0	18.0	12.0	10.0
Exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Consumption	77.0	72.0	75.0	77.0	72.0	72.0	78.0	83.0	79.0	81.0	91.0
Stocks	18.0	18.0	15.0	19.0	26.0	22.0	20.0	24.0	35.0	37.0	31.0
SMP											
Production	139.0	136.0	120.0	129.0	128.0	121.0	120.0	125.0	140.0	150.0	158.0
Imports	32.0	32.0	43.0	53.0	34.0	59.0	52.0	47.0	39.0	22.0	20.0
Exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	11.0
Consumption	173.0	168.0	168.0	164.0	165.0	174.0	167.0	164.0	166.0	167.0	171.0
Stocks	40.0	40.0	35.0	53.0	50.0	56.0	61.0	69.0	82.0	86.0	82.0

Japan

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Thousand head)										
Dairy cows	715.0	710.0	705.8	710.2	710.1	706.2	701.2	697.5	694.6	691.2	687.3
	(Kilograms per head)										
Yield	10,175	10,272	10,352	10,370	10,388	10,416	10,455	10,494	10,523	10,551	10,582
	(Thousand tonnes)										
Milk production	7,250	7,272	7,329	7,364	7,355	7,330	7,312	7,304	7,291	7,272	7,252
Fluid use	3,850	3,810	3,799	3,799	3,791	3,775	3,754	3,732	3,711	3,687	3,661
Factory use	3,360	3,430	3,499	3,533	3,533	3,523	3,526	3,539	3,548	3,553	3,559
Cheese											
Production	47.0	50.2	48.4	47.4	46.4	45.8	45.8	46.2	45.5	45.4	45.4
Imports	265.0	263.8	272.5	280.7	286.7	289.5	290.7	291.1	296.1	296.1	295.9
Exports	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Consumption	315.0	313.1	319.5	326.7	331.7	334.1	335.3	336.2	340.4	340.5	340.3
Stocks	9.0	8.9	9.3	9.8	10.2	10.3	10.5	10.6	10.9	11.0	11.0
Butter											
Production	70.0	74.3	76.0	72.9	71.2	70.6	71.2	72.4	74.1	75.7	77.6
Imports	20.0	20.5	19.9	24.0	25.9	26.5	25.7	24.3	22.4	20.5	18.3
Exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Consumption	95.0	94.8	95.6	96.5	96.9	96.9	96.8	96.7	96.4	96.2	95.8
Stocks	26.0	26.0	26.4	26.7	26.9	27.0	27.1	27.2	27.3	27.3	27.4
SMP											
Production	150.0	148.1	143.5	138.2	133.4	129.1	126.2	124.5	123.2	121.5	119.9
Imports	10.0	24.0	29.7	37.6	43.9	48.8	52.0	53.9	55.2	56.8	58.2
Exports	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Consumption	165.0	162.6	163.0	165.1	166.7	167.5	167.9	168.1	168.2	168.2	168.0
Stocks	67.0	66.5	66.7	67.4	68.0	68.4	68.6	68.9	69.0	69.2	69.3

South Korea

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Thousand head)										
Dairy cows	209.0	206.0	208.0	197.0	194.0	198.0	205.0	204.0	202.0	204.0	195.0
	(Kilograms per head)										
Yield	10,173	10,111	10,933	11,095	10,561	10,328	9,980	10,025	10,286	10,175	10,597
	(Thousand tonnes)										
Milk production	2,111	2,093	2,214	2,169	2,070	2,081	2,041	2,035	2,088	2,030	2,040
Fluid use	1,578	1,587	1,540	1,529	1,500	1,561	1,566	1,574	1,523	1,542	1,535
Factory use	533	505	671	637	565	516	470	460	566	491	510
Cheese											
Production	23.0	22.0	24.0	23.0	25.0	35.0	37.0	40.0	45.0	45.0	40.0
Imports	78.0	85.0	97.0	112.0	110.0	125.0	124.0	131.0	148.0	157.0	154.0
Exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0
Consumption	101.0	107.0	118.0	137.0	136.0	159.0	155.0	166.0	188.0	195.0	188.0
Stocks	1.0	1.0	4.0	2.0	1.0	2.0	8.0	13.0	17.0	23.0	29.0
Butter											
Production	58.7	67.7	73.5	70.0	67.1	66.9	65.0	58.8	59.9	58.3	57.7
Imports	7.4	5.6	5.3	6.2	9.3	9.4	10.7	14.3	15.3	24.1	28.9
Exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Consumption	66.1	73.4	78.8	76.2	76.4	76.3	75.7	73.0	75.1	82.4	86.5
Stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SMP											
Production	14.0	12.0	21.0	17.0	8.0	9.0	8.0	8.0	13.0	10.0	6.0
Imports	19.0	20.0	21.0	21.0	21.0	23.0	25.0	24.0	17.0	15.0	15.0
Exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Consumption	27.0	31.0	32.0	36.0	37.0	34.0	35.0	33.0	26.0	23.0	23.0
Stocks	7.0	8.0	18.0	20.0	12.0	10.0	8.0	7.0	11.0	13.0	6.0

Canada

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Thousand head)										
Dairy cows	960	961	955	954	945	945	970	968	972	980	975
	(Kilograms per head)										
Yield	8,968	8,813	8,839	9,240	9,610	10,104	10,262	10,209	10,282	10,391	10,466
	(Thousand tonnes)										
Milk production	8,614	8,443	8,437	8,773	9,081	9,675	9,944	9,903	10,035	10,157	10,178
Fluid use	3,040	2,982	2,946	2,923	2,917	2,884	2,832	2,816	2,844	2,751	2,721
Factory use	5,193	5,104	5,142	5,477	5,772	6,347	6,656	6,670	6,767	6,999	7,043
Cheese											
Production	386.0	388.0	396.0	419.0	445.0	497.0	510.0	515.0	523.0	522.0	517.0
Imports	26.0	26.0	26.0	26.0	27.0	28.0	31.0	36.0	41.0	48.0	52.0
Exports	10.0	12.0	12.0	12.0	13.0	13.0	10.0	12.0	11.0	8.0	8.0
Consumption	400.0	403.0	407.0	415.0	458.0	504.0	536.0	539.0	555.0	562.0	559.0
Stocks	61.0	60.0	63.0	81.0	82.0	90.0	85.0	85.0	83.0	83.0	84.0
Butter											
Production	98.0	95.0	88.0	91.0	93.0	109.0	116.0	112.0	118.0	122.0	113.0
Imports	8.0	7.0	11.0	17.0	27.0	22.0	22.0	25.0	24.0	28.0	32.0
Exports	1.0	4.0	2.0	1.0	1.0	1.0	2.0	2.0	5.0	1.0	1.0
Consumption	99.0	102.0	99.0	106.0	117.0	121.0	124.0	141.0	141.0	147.0	143.0
Stocks	15.0	11.0	9.0	10.0	12.0	21.0	33.0	27.0	23.0	25.0	22.0
SMP											
Production	85.0	74.0	81.0	98.0	103.0	109.0	108.0	97.0	90.0	90.0	84.0
Imports	3.0	3.0	6.0	3.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
Exports	10.0	13.0	13.0	14.0	24.0	72.0	66.0	47.0	40.0	24.0	30.0
Consumption	68.0	72.0	65.0	61.0	70.0	67.0	64.0	52.0	56.0	69.0	56.0
Stocks	33.0	25.0	34.0	60.0	73.0	47.0	29.0	30.0	27.0	27.0	27.0

Canada

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Thousand head)										
Dairy cows	970	970	958	950	945	941	936	931	920	916	911
	(Kilograms per head)										
Yield	10,582	10,802	10,955	11,071	11,177	11,289	11,412	11,535	11,653	11,766	11,878
	(Thousand tonnes)										
Milk production	10,265	10,344	10,405	10,462	10,515	10,569	10,622	10,675	10,724	10,772	10,820
Fluid use	2,705	2,731	2,738	2,740	2,739	2,737	2,735	2,731	2,724	2,715	2,705
Factory use	7,150	7,199	7,253	7,307	7,362	7,417	7,473	7,529	7,585	7,642	7,700
Cheese											
Production	522.0	520.2	520.4	520.7	521.3	521.8	522.5	523.2	524.0	524.9	525.7
Imports	54.0	63.4	71.7	79.0	85.4	91.8	98.1	104.1	109.4	114.2	119.1
Exports	9.0	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.4	7.3
Consumption	566.0	576.2	584.5	592.2	599.3	606.3	613.2	619.9	626.0	631.8	637.6
Stocks	85.0	84.8	84.8	84.7	84.6	84.6	84.5	84.4	84.4	84.3	84.2
Butter											
Production	116.0	119.5	122.6	125.8	129.0	132.3	135.5	138.7	142.0	145.3	148.5
Imports	34.0	31.6	31.3	30.8	30.1	29.4	28.7	27.9	27.0	25.9	24.9
Exports	1.0	0.7	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
Consumption	147.0	150.5	153.4	156.1	158.6	161.2	163.7	166.2	168.6	170.8	173.1
Stocks	24.0	24.0	24.0	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
SMP											
Production	82.0	85.1	86.4	87.7	89.1	90.5	92.0	93.4	94.9	96.4	98.0
Imports	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Exports	30.0	32.0	32.0	32.2	32.6	33.0	33.4	33.8	34.4	35.0	35.5
Consumption	54.0	55.2	56.3	57.4	58.5	59.5	60.5	61.6	62.5	63.5	64.4
Stocks	27.0	27.0	27.1	27.2	27.3	27.4	27.5	27.5	27.6	27.7	27.8

Philippines

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Thousand head)										
Dairy cows	15.0	16.0	18.0	10.0	11.0	12.0	11.0	11.0	11.0	11.0	10.0
	(Kilograms per head)										
Yield	1,161	1,118	1,429	1,238	1,217	1,304	1,455	1,545	1,545	1,524	1,600
	(Thousand tonnes)										
Milk production	21.0	22.0	23.0	20.0	21.0	22.0	23.0	24.0	27.0	26.0	30.0
Fluid use	57.0	64.0	59.0	62.0	81.0	86.0	96.0	117.0	119.0	110.0	137.0
Factory use	9.0	9.0	11.0	11.0	11.0	11.0	11.0	12.0	12.0	12.0	12.0
Cheese											
Production	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Imports	19.0	15.0	19.0	27.0	30.0	38.0	38.0	40.0	41.0	49.0	50.0
Exports	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
Consumption	21.0	15.0	20.0	29.0	32.0	40.0	40.0	42.0	42.0	50.0	51.0
Stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Butter											
Production	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Imports	17.9	15.8	16.5	25.5	29.2	33.6	32.8	37.2	31.4	33.9	30.8
Exports	0.0	0.1	0.2	0.1	0.1	0.3	0.2	0.4	0.3	0.6	0.7
Consumption	17.8	15.8	16.3	25.4	29.2	33.3	32.7	36.8	31.1	33.3	30.2
Stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SMP											
Production	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Imports	104.0	111.0	94.0	137.0	179.0	157.0	159.0	177.0	179.0	168.0	190.0
Exports	12.0	6.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0
Consumption	94.0	101.0	95.0	138.0	136.0	147.0	159.0	177.0	204.0	185.0	184.0
Stocks	8.0	12.0	6.0	5.0	48.0	58.0	58.0	58.0	33.0	15.0	19.0
WMP											
Production	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Imports	33.0	27.0	19.0	24.0	21.0	19.0	23.0	32.0	29.0	19.0	14.0
Exports	5.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Consumption	22.0	20.0	19.0	22.0	22.0	24.0	25.0	30.0	30.0	19.0	18.0
Stocks	14.0	18.0	15.0	17.0	16.0	11.0	9.0	11.0	10.0	10.0	6.0

Philippines

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Thousand head)										
Dairy cows	10.0	10.0	10.1	10.3	10.3	10.2	10.1	9.9	9.8	9.7	9.5
	(Kilograms per head)										
Yield	1,300	1,336	1,362	1,381	1,401	1,422	1,445	1,468	1,492	1,514	1,535
	(Thousand tonnes)										
Milk production	28.0	28.5	29.0	29.3	29.4	29.4	29.5	29.5	29.5	29.5	29.5
Fluid use	125.0	126.5	128.4	130.3	131.9	133.3	134.6	135.9	136.9	138.2	139.3
Factory use	10.0	14.2	14.5	14.6	14.7	14.7	14.7	14.7	14.8	14.8	14.8
Cheese											
Production	2.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8
Imports	50.0	50.9	52.6	54.3	56.0	57.7	59.4	61.1	62.7	64.4	66.1
Exports	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Consumption	51.0	52.6	54.3	56.0	57.7	59.4	61.1	62.8	64.4	66.2	67.9
Stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Butter											
Production	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.5
Imports	31.0	31.8	32.8	33.7	34.5	35.2	36.0	36.7	37.5	37.0	36.5
Exports	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Consumption	30.4	31.2	32.1	33.1	33.8	34.6	35.3	36.1	36.8	37.6	38.4
Stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SMP											
Production	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	5.7
Imports	160.0	163.3	166.2	169.8	173.9	177.5	181.2	184.9	188.5	189.4	190.2
Exports	0.0	1.0	1.0	0.7	0.9	0.9	0.8	0.8	0.8	0.8	0.8
Consumption	160.0	162.4	165.3	169.1	172.9	176.6	180.3	184.0	187.7	191.4	195.0
Stocks	19.0	18.9	18.9	19.0	19.0	19.1	19.1	19.2	19.2	19.3	19.3
WMP											
Production	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	7.4
Imports	10.0	12.2	12.5	13.0	13.3	13.7	14.1	14.5	14.9	11.6	8.4
Exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Consumption	12.0	12.2	12.5	12.9	13.3	13.7	14.1	14.5	14.9	15.3	15.7
Stocks	4.0	3.9	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.3	4.3

Russia

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Thousand head)										
Dairy cows	8,600	8,250	8,050	7,750	7,235	7,080	6,815	6,711	6,615	6,495	6,430
	(Kilograms per head)										
Yield	3,703	3,664	3,772	3,962	4,134	4,314	4,495	4,676	4,883	4,955	5,031
	(Thousand tonnes)										
Milk production	31,197	29,865	29,795	29,688	29,587	29,972	30,398	31,154	32,010	32,020	32,150
Fluid use	10,000	9,150	8,500	8,000	7,700	7,500	7,318	7,270	7,080	6,990	6,900
Factory use	19,116	18,707	19,390	19,774	19,992	20,773	21,343	22,150	23,235	23,280	23,510
Cheese											
Production	790.0	713.0	760.0	861.0	865.0	951.0	970.0	983.0	1059.0	1075.0	1085.0
Imports	449.0	440.0	320.0	209.0	223.0	226.0	250.0	273.0	311.0	326.0	345.0
Exports	25.0	26.0	29.0	24.0	25.0	25.0	24.0	26.0	30.0	35.0	40.0
Consumption	1214.0	1117.0	1043.0	1041.0	1069.0	1141.0	1200.0	1231.0	1338.0	1363.0	1390.0
Stocks	12.0	22.0	30.0	35.0	29.0	40.0	36.0	35.0	37.0	40.0	40.0
Butter											
Production	216.0	219.0	252.0	260.0	246.0	270.0	256.0	268.0	282.0	270.0	275.0
Imports	124.0	140.0	137.0	90.0	106.0	99.0	88.0	117.0	128.0	122.0	120.0
Exports	2.0	2.0	4.0	3.0	4.0	3.0	3.0	2.0	3.0	3.0	3.0
Consumption	340.0	357.0	376.0	350.0	353.0	357.0	346.0	384.0	402.0	393.0	389.0
Stocks	10.0	10.0	19.0	16.0	11.0	20.0	15.0	14.0	19.0	15.0	18.0
SMP											
Production	57.0	58.0	84.0	69.0	63.0	72.0	70.0	88.0	95.0	95.0	110.0
Imports	96.0	112.0	95.0	116.0	136.0	126.0	95.0	88.0	60.0	59.0	55.0
Exports	0.0	3.0	3.0	2.0	1.0	2.0	1.0	1.0	2.0	2.0	2.0
Consumption	149.0	166.0	173.0	182.0	198.0	190.0	171.0	176.0	153.0	153.0	160.0
Stocks	4.0	5.0	8.0	9.0	9.0	15.0	8.0	7.0	7.0	6.0	9.0
WMP											
Production	67.0	41.0	46.0	42.0	42.0	63.0	56.0	65.0	55.0	52.0	55.0
Imports	28.0	35.0	37.0	37.0	49.0	49.0	27.0	46.0	31.0	28.0	25.0
Exports	2.0	1.0	1.0	2.0	1.0	1.0	0.0	0.0	1.0	1.0	2.0
Consumption	93.0	74.0	78.0	77.0	85.0	91.0	100.0	110.0	94.0	80.0	78.0
Stocks	0.0	1.0	5.0	5.0	10.0	30.0	13.0	14.0	5.0	4.0	4.0

Ukraine

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Thousand head)										
Dairy cows	2,582	2,554	2,509	2,322	2,226	2,170	2,078	1,970	1,789	1,722	1,591
	(Kilograms per head)										
Yield	4,315	4,420	4,617	4,654	4,720	4,838	4,975	5,132	5,274	5,312	5,202
	(Thousand tonnes)										
Milk production	11,378	11,488	11,426	10,864	10,625	10,520	10,300	9,866	9,466	9,000	7,957
Fluid use	5,588	5,316	5,538	5,385	5,241	4,998	4,862	4,967	5,025	4,960	4,387
Factory use	4,716	4,918	4,730	4,350	4,280	4,449	4,401	3,887	3,512	3,151	2,800
Cheese											
Production	245.0	247.0	203.0	190.0	186.0	190.0	192.0	187.0	180.0	182.0	150.0
Imports	17.0	19.0	12.0	5.0	7.0	10.0	14.0	24.0	47.0	55.0	34.0
Exports	68.0	59.0	19.0	11.0	8.0	9.0	8.0	7.0	6.0	7.0	9.0
Consumption	194.0	198.0	197.0	184.0	187.0	188.0	198.0	205.0	222.0	230.0	175.0
Stocks	0.0	9.0	8.0	8.0	6.0	9.0	9.0	8.0	7.0	7.0	7.0
Butter											
Production	88.0	93.0	115.0	103.0	103.0	109.0	106.0	89.0	89.0	72.0	60.0
Imports	8.0	14.0	11.0	1.0	1.0	1.0	1.0	4.0	10.0	10.0	1.0
Exports	0.0	3.0	5.0	11.0	9.0	28.0	29.0	16.0	9.0	9.0	13.0
Consumption	96.0	100.0	116.0	97.0	93.0	82.0	76.0	80.0	83.0	72.0	52.0
Stocks	0.0	4.0	9.0	5.0	7.0	7.0	9.0	6.0	13.0	14.0	10.0
SMP											
Production	52.0	52.0	55.0	54.0	53.0	47.0	46.0	34.0	36.0	28.0	25.0
Imports	3.0	2.0	1.0	0.0	0.0	0.0	1.0	1.0	3.0	5.0	0.0
Exports	26.0	12.0	28.0	35.0	34.0	29.0	23.0	20.0	16.0	13.0	22.0
Consumption	29.0	42.0	26.0	20.0	20.0	17.0	24.0	16.0	21.0	21.0	4.0
Stocks	2.0	2.0	4.0	3.0	2.0	3.0	3.0	2.0	4.0	3.0	2.0
WMP											
Production	11.0	10.0	11.0	9.0	6.0	12.0	13.0	18.0	11.0	12.0	10.0
Imports	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
Exports	1.0	1.0	2.0	2.0	2.0	4.0	4.0	9.0	4.0	4.0	3.0
Consumption	11.0	10.0	9.0	7.0	4.0	7.0	9.0	9.0	8.0	9.0	7.0
Stocks	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0

World Meat Market

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
U.S. indicator prices	(U.S. dollars per tonne)										
Beef	4,204	4,305	5,274	5,235	4,557	4,624	4,719	4,913	5,211	6,178	5,819
Pork	1,864	2,021	2,427	1,741	1,728	1,852	1,677	1,701	1,704	2,295	2,287
Chicken	1,918	2,198	2,312	1,996	1,859	2,062	2,156	1,953	1,614	2,231	3,098
Sum of production	(Thousand tonnes)										
Beef	34,861	35,380	35,702	35,660	34,541	35,281	36,059	36,599	35,747	36,135	36,939
Pork	89,149	91,173	93,439	92,808	90,932	91,300	91,604	80,481	74,685	86,490	93,196
Chicken	52,813	52,780	54,490	56,906	55,488	56,288	57,158	60,216	60,785	61,582	61,813
Sum of domestic use											
Beef	32,345	32,454	31,968	32,157	31,120	31,760	32,908	33,738	33,545	34,236	35,052
Pork	89,221	91,084	93,247	92,800	90,386	90,661	90,872	79,887	75,022	86,414	92,193
Chicken	49,873	49,867	51,320	53,349	51,381	51,930	52,819	55,854	56,741	57,192	56,981
Sum of beef trade											
Imports	4,042	4,359	4,594	4,637	4,665	4,881	5,457	6,276	6,880	7,035	7,582
Exports	6,656	7,434	8,199	7,702	7,915	8,355	8,676	9,128	8,892	8,957	9,509
Rest of world net imports	2,615	3,075	3,606	3,066	3,250	3,474	3,219	2,852	2,013	1,922	1,927
Sum of pork trade											
Imports	4,745	4,610	4,588	4,930	6,235	5,992	5,901	6,788	9,215	8,850	7,206
Exports	6,707	6,562	6,538	6,769	8,667	8,652	8,758	9,723	11,811	11,579	10,353
Rest of world net imports	1,962	1,952	1,950	1,839	2,432	2,659	2,857	2,935	2,596	2,729	3,147
Sum of chicken trade											
Imports	3,416	3,360	3,431	3,371	3,589	3,509	3,598	3,942	4,166	4,111	4,043
Exports	9,530	9,622	9,830	9,723	10,641	10,870	11,097	11,491	11,469	11,731	12,120
Rest of world net imports	6,115	6,262	6,399	6,353	7,053	7,361	7,499	7,549	7,303	7,620	8,077

World Meat Market

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
U.S. indicator prices	(U.S. dollars per tonne)										
Beef	6,603	6,977	7,257	7,348	7,226	7,032	6,895	6,777	6,727	6,683	6,656
Pork	1,984	2,075	2,133	2,164	2,157	2,125	2,103	2,088	2,068	2,058	2,050
Chicken	2,727	2,568	2,460	2,452	2,481	2,504	2,523	2,535	2,547	2,567	2,596
Sum of production	(Thousand tonnes)										
Beef	37,645	38,175	38,525	38,591	38,716	38,886	38,923	38,937	38,925	38,933	38,975
Pork	93,805	93,098	92,518	93,186	93,591	94,071	94,602	95,179	95,749	96,222	96,703
Chicken	62,704	62,871	63,727	64,332	65,058	65,812	66,588	67,358	68,067	68,768	69,499
Sum of domestic use											
Beef	35,813	36,234	36,536	36,631	36,773	36,943	36,978	36,988	36,973	36,972	37,002
Pork	93,896	93,439	92,812	93,523	93,918	94,355	94,850	95,387	95,939	96,399	96,833
Chicken	57,833	57,985	58,567	59,041	59,603	60,210	60,866	61,536	62,153	62,752	63,382
Sum of beef trade											
Imports	7,778	7,771	7,836	7,828	7,829	7,821	7,804	7,794	7,788	7,782	7,779
Exports	9,340	9,308	9,437	9,488	9,548	9,603	9,649	9,698	9,750	9,803	9,862
Rest of world net imports	1,562	1,537	1,601	1,660	1,718	1,782	1,844	1,904	1,962	2,022	2,083
Sum of pork trade											
Imports	7,141	7,302	7,488	7,581	7,667	7,738	7,799	7,848	7,905	7,975	8,038
Exports	9,589	9,585	9,811	9,979	10,171	10,354	10,527	10,686	10,855	11,042	11,220
Rest of world net imports	2,448	2,283	2,323	2,397	2,504	2,616	2,728	2,838	2,951	3,067	3,182
Sum of chicken trade											
Imports	4,258	4,372	4,414	4,435	4,461	4,495	4,536	4,583	4,641	4,713	4,790
Exports	12,335	12,552	12,885	13,106	13,363	13,616	13,849	14,067	14,291	14,533	14,782
Rest of world net imports	8,078	8,180	8,471	8,671	8,903	9,121	9,313	9,485	9,650	9,820	9,992

World Meat Trade

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Beef net trade											
<i>Exporters</i>											
	(Thousand tonnes)										
Australia	1,334	1,508	1,749	1,755	1,397	1,401	1,568	1,724	1,456	1,267	1,214
Brazil	1,425	1,742	1,772	1,601	1,589	1,749	1,975	2,271	2,489	2,258	2,826
Canada	28	32	86	109	173	215	241	321	262	381	369
EU-27	-90	-157	-101	-97	326	369	314	266	364	354	224
India	1,409	1,713	2,022	1,754	1,709	1,786	1,511	1,494	1,284	1,397	1,442
Mexico	-27	-78	-28	31	46	57	78	126	181	191	232
New Zealand	484	492	534	592	548	551	590	609	622	675	632
United States	106	154	-169	-499	-206	-61	73	-14	-176	38	70
<i>Importers</i>											
China	43	342	334	585	734	881	1,348	2,156	2,765	3,007	3,482
Japan	715	737	716	685	695	789	835	847	825	796	766
South Korea	319	325	342	360	445	468	515	550	549	588	595
Russia	977	927	867	550	458	455	433	392	330	248	239
Other countries	2,615	3,075	3,606	3,066	3,250	3,474	3,219	2,852	2,013	1,922	1,927
Pork net trade											
<i>Exporters</i>											
	(Thousand tonnes)										
Brazil	635	568	546	617	818	774	720	859	1,176	1,318	1,317
Canada	959	977	957	970	1,055	1,072	1,049	1,044	1,272	1,220	1,181
EU-27	2,083	2,162	2,099	2,317	3,691	3,461	3,502	4,102	5,015	4,895	4,052
Russia	-956	-817	-494	-386	-318	-337	-47	-39	143	142	152
United States	2,076	1,863	1,851	1,766	1,881	2,048	2,193	2,438	2,892	2,651	2,268
<i>Importers</i>											
China	450	485	444	726	1,831	1,294	1,255	2,315	5,177	4,224	2,024
Japan	1,257	1,220	1,329	1,266	1,357	1,468	1,476	1,490	1,408	1,416	1,520
South Korea	499	386	477	596	613	643	752	692	549	560	705
Mexico	493	541	563	685	702	716	795	751	601	836	1,014
Philippines	136	169	196	172	192	238	282	221	167	461	560
Other countries	1,962	1,952	1,950	1,839	2,432	2,659	2,857	2,935	2,596	2,729	3,147
Chicken net trade											
<i>Exporters</i>											
	(Thousand tonnes)										
Brazil	3,683	3,657	3,744	4,004	4,058	3,974	3,767	3,934	3,870	4,221	4,442
EU-27	368	412	424	456	1,046	1,149	1,264	1,378	1,378	1,192	1,021
India	6	7	9	8	4	4	6	5	3	3	4
Thailand	560	537	600	696	769	826	923	959	939	906	1,020
Turkey	265	333	368	312	290	376	438	427	465	559	646
Russia	-526	-460	-394	-179	-116	-100	-89	-51	-13	-27	45
United States	3,249	3,276	3,257	2,808	2,955	3,021	3,143	3,163	3,277	3,263	3,227
<i>Importers</i>											
Canada	56	51	63	77	55	40	46	48	59	50	75
China	-157	-176	-170	-133	44	-125	-105	152	611	331	101
Japan	872	849	881	930	967	1,049	1,067	1,069	997	1,072	1,097
South Korea	109	101	122	93	101	126	130	128	114	134	151
Mexico	610	675	713	785	786	798	816	869	835	910	903
Other countries	6,115	6,262	6,399	6,353	7,053	7,361	7,499	7,549	7,303	7,620	8,077

World Meat Trade

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Beef net trade											
<i>Exporters</i>											
	(Thousand tonnes)										
Australia	1,506	1,566	1,634	1,646	1,598	1,522	1,454	1,412	1,392	1,383	1,378
Brazil	2,693	2,694	2,733	2,775	2,832	2,872	2,885	2,897	2,913	2,947	2,998
Canada	335	296	285	252	245	267	294	315	330	334	332
EU-27	200	167	145	146	156	166	175	183	190	197	205
India	1,420	1,451	1,479	1,439	1,443	1,463	1,465	1,454	1,437	1,423	1,409
Mexico	185	233	239	255	250	251	274	293	300	287	260
New Zealand	665	659	656	658	669	677	683	688	693	699	704
United States	-280	-413	-386	-297	-223	-160	-99	-44	12	62	111
<i>Importers</i>											
China	3,580	3,542	3,569	3,576	3,603	3,628	3,641	3,654	3,670	3,688	3,702
Japan	737	736	762	775	787	790	789	786	781	769	765
South Korea	600	616	632	643	654	660	665	671	676	682	687
Russia	245	222	220	220	208	198	191	184	177	170	162
Other countries	1,562	1,537	1,601	1,660	1,718	1,782	1,844	1,904	1,962	2,022	2,083
Pork net trade											
<i>Exporters</i>											
	(Thousand tonnes)										
Brazil	1,448	1,537	1,616	1,683	1,706	1,724	1,738	1,752	1,768	1,771	1,778
Canada	1,055	1,048	1,040	1,079	1,099	1,099	1,090	1,081	1,072	1,058	1,043
EU-27	3,100	2,925	3,033	2,972	3,018	3,100	3,173	3,235	3,283	3,358	3,456
Russia	195	211	205	207	207	208	209	209	209	210	210
United States	2,540	2,582	2,628	2,745	2,842	2,912	2,987	3,057	3,152	3,256	3,324
<i>Importers</i>											
China	2,183	2,252	2,348	2,355	2,352	2,323	2,269	2,198	2,125	2,064	1,997
Japan	1,488	1,510	1,507	1,519	1,529	1,542	1,556	1,572	1,590	1,608	1,626
South Korea	690	707	749	795	836	872	903	929	952	971	985
Mexico	1,050	1,063	1,064	1,089	1,108	1,121	1,135	1,148	1,164	1,178	1,187
Philippines	479	487	530	531	543	569	605	649	703	765	833
Other countries	2,448	2,283	2,323	2,397	2,504	2,616	2,728	2,838	2,951	3,067	3,182
Chicken net trade											
<i>Exporters</i>											
	(Thousand tonnes)										
Brazil	4,843	4,954	5,213	5,351	5,471	5,537	5,552	5,531	5,511	5,515	5,520
EU-27	1,005	990	994	990	1,022	1,072	1,133	1,202	1,264	1,317	1,372
India	4	4	4	4	4	4	4	4	4	4	4
Thailand	1,089	1,106	1,109	1,111	1,119	1,140	1,172	1,218	1,272	1,328	1,386
Turkey	450	484	470	450	441	442	445	447	452	461	473
Russia	70	78	78	92	101	110	119	126	133	141	148
United States	3,227	3,255	3,324	3,392	3,459	3,531	3,602	3,675	3,748	3,817	3,886
<i>Importers</i>											
Canada	85	90	91	92	93	94	95	96	97	98	99
China	275	299	341	355	349	333	306	272	236	200	166
Japan	1,085	1,092	1,084	1,064	1,052	1,048	1,054	1,066	1,087	1,118	1,152
South Korea	195	181	203	206	208	209	211	211	211	210	210
Mexico	970	1,029	1,000	1,001	1,011	1,029	1,050	1,073	1,103	1,136	1,170
Other countries	8,078	8,180	8,471	8,671	8,903	9,121	9,313	9,485	9,650	9,820	9,992

Australia

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Animal inventories	(Thousand head)										
Dairy cows	1,700	1,688	1,647	1,689	1,562	1,512	1,525	1,440	1,385	1,365	1,335
Beef cows	13,633	13,430	13,321	12,532	11,452	12,176	11,250	11,000	10,300	10,000	10,600
Cattle	28,418	29,291	29,102	27,413	24,971	26,176	25,699	23,655	23,021	23,944	25,800
Beef	(Thousand tonnes)										
Production	2,152	2,359	2,595	2,547	2,125	2,149	2,309	2,432	2,123	1,895	1,878
Imports	13	11	13	15	15	15	14	15	17	24	24
Exports	1,347	1,519	1,762	1,770	1,412	1,416	1,582	1,739	1,473	1,291	1,238
Domestic use	806	881	881	821	754	748	741	708	667	628	664
Ending stocks	120	90	55	26	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Beef	35.5	38.1	37.5	34.5	31.2	30.4	29.7	27.9	26.0	24.2	25.4

Brazil

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Animal inventories	(Thousand head)										
Dairy cows	16,455	16,599	16,825	17,426	17,430	16,262	16,300	16,500	16,400	16,646	16,896
Beef cows	52,670	53,000	53,200	53,750	50,340	51,200	54,175	54,600	54,800	54,600	54,900
Cattle	184,464	184,988	187,474	190,062	187,285	186,245	187,290	190,026	193,195	193,780	194,365
Sows	2,920	2,910	2,920	2,930	2,940	2,945	2,950	2,975	3,005	3,010	2,980
Hogs	38,577	38,844	39,395	39,422	39,215	38,829	38,427	37,850	37,350	35,688	34,250
Beef	(Thousand tonnes)										
Production	9,650	10,000	9,723	9,425	9,400	9,750	9,975	10,050	9,975	9,750	10,350
Imports	58	56	78	58	63	54	46	43	50	62	72
Exports	1,483	1,798	1,850	1,659	1,652	1,803	2,021	2,314	2,539	2,320	2,898
Domestic use	8,225	8,258	7,951	7,824	7,811	8,001	8,000	7,779	7,486	7,492	7,524
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Pork	(Thousand tonnes)										
Production	3,330	3,335	3,400	3,519	3,700	3,725	3,763	3,975	4,125	4,365	4,350
Imports	1	1	2	1	2	2	2	2	2	3	2
Exports	636	569	548	618	820	776	722	861	1,178	1,321	1,319
Domestic use	2,695	2,767	2,854	2,902	2,882	2,951	3,043	3,116	2,949	3,047	3,033
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Chicken	(Thousand tonnes)										
Production	12,650	12,310	12,946	13,547	13,523	13,612	13,355	13,690	13,880	14,500	14,465
Imports	2	3	3	4	3	3	3	5	5	5	5
Exports	3,685	3,660	3,747	4,008	4,061	3,977	3,770	3,939	3,875	4,226	4,447
Domestic use	8,967	8,653	9,202	9,543	9,465	9,638	9,588	9,756	10,010	10,279	10,023
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Beef	41.1	40.9	39.1	38.1	37.8	38.4	38.1	36.7	35.1	35.0	34.9
Pork	13.5	13.7	14.0	14.1	13.9	14.2	14.5	14.7	13.8	14.2	14.1
Chicken	44.8	42.9	45.2	46.5	45.8	46.2	45.6	46.1	47.0	48.0	46.6
Total	99.4	97.6	98.3	98.8	97.4	98.8	98.2	97.5	95.9	97.1	95.6

Australia

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Animal inventories	(Thousand head)										
Dairy cows	1,325	1,315	1,323	1,337	1,342	1,339	1,332	1,324	1,315	1,304	1,290
Beef cows	12,000	12,001	11,620	11,118	10,676	10,400	10,257	10,173	10,101	10,027	9,950
Cattle	27,430	27,973	27,664	27,172	26,677	26,322	26,110	25,980	25,885	25,800	25,714
Beef	(Thousand tonnes)										
Production	2,170	2,241	2,312	2,321	2,269	2,191	2,120	2,075	2,052	2,041	2,032
Imports	24	24	24	25	25	26	26	27	28	28	29
Exports	1,530	1,590	1,658	1,671	1,623	1,548	1,481	1,439	1,419	1,411	1,407
Domestic use	664	675	678	675	671	669	666	663	660	657	654
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Beef	25.1	25.3	25.2	24.8	24.4	24.1	23.8	23.5	23.2	22.9	22.6

Brazil

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Animal inventories	(Thousand head)										
Dairy cows	17,065	17,300	17,520	18,012	18,356	18,548	18,656	18,753	18,831	18,884	18,872
Beef cows	55,280	55,103	55,219	55,087	54,842	54,783	54,863	55,061	55,370	55,761	56,186
Cattle	193,900	191,277	191,949	191,861	191,792	192,015	192,268	192,729	193,398	194,298	195,351
Sows	3,100	3,201	3,210	3,254	3,275	3,288	3,300	3,313	3,326	3,333	3,337
Hogs	33,000	32,230	32,282	31,708	31,442	31,280	31,138	30,979	30,838	30,761	30,726
Beef	(Thousand tonnes)										
Production	10,560	10,793	10,877	10,899	10,957	11,012	11,033	11,057	11,086	11,131	11,193
Imports	57	60	58	56	54	52	50	48	46	44	42
Exports	2,750	2,754	2,791	2,831	2,886	2,924	2,935	2,945	2,959	2,991	3,040
Domestic use	7,867	8,099	8,144	8,125	8,124	8,140	8,148	8,160	8,173	8,184	8,195
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Pork	(Thousand tonnes)										
Production	4,600	4,822	4,945	5,022	5,063	5,094	5,124	5,156	5,192	5,214	5,233
Imports	2	2	2	2	2	2	2	2	2	2	2
Exports	1,450	1,539	1,618	1,685	1,708	1,726	1,740	1,754	1,770	1,773	1,780
Domestic use	3,152	3,285	3,329	3,340	3,357	3,370	3,386	3,403	3,424	3,443	3,455
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Chicken	(Thousand tonnes)										
Production	14,900	14,973	15,264	15,501	15,722	15,891	16,015	16,102	16,178	16,275	16,377
Imports	2	2	2	2	2	3	3	3	3	3	3
Exports	4,845	4,956	5,215	5,353	5,474	5,539	5,555	5,534	5,514	5,519	5,523
Domestic use	10,057	10,019	10,052	10,150	10,251	10,354	10,463	10,571	10,668	10,759	10,857
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Beef	36.4	37.2	37.2	36.9	36.8	36.7	36.5	36.4	36.4	36.3	36.2
Pork	14.6	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.3	15.3
Chicken	46.5	46.0	45.9	46.2	46.4	46.6	46.9	47.2	47.5	47.7	48.0
Total	97.4	98.3	98.4	98.3	98.3	98.5	98.6	98.9	99.1	99.2	99.4

Canada

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Animal inventories	(Thousand head)										
Dairy cows	960	961	955	954	945	945	970	968	972	980	975
Beef cows	3,962	3,911	3,828	3,710	3,675	3,805	3,795	3,771	3,787	3,711	3,653
Cattle	12,240	12,050	11,640	11,610	11,535	11,670	11,670	11,540	11,515	11,515	11,295
Sows	1,208	1,175	1,179	1,185	1,215	1,236	1,240	1,236	1,228	1,246	1,240
Hogs	12,745	12,835	13,180	13,630	13,935	14,245	14,070	14,065	14,120	14,170	13,920
Beef	(Thousand tonnes)										
Production	1,060	1,056	1,100	1,047	1,130	1,201	1,265	1,342	1,314	1,385	1,412
Imports	288	282	274	270	245	229	236	204	249	212	214
Exports	316	314	360	379	418	444	477	525	511	593	583
Domestic use	1,035	1,025	1,004	934	963	988	1,015	1,029	1,046	1,002	1,043
Ending stocks	28	27	37	41	35	33	42	34	40	42	42
Pork	(Thousand tonnes)										
Production	1,844	1,823	1,806	1,899	1,914	1,958	1,955	2,000	2,115	2,101	2,082
Imports	236	217	211	212	211	218	228	242	274	263	234
Exports	1,195	1,194	1,168	1,182	1,266	1,290	1,277	1,286	1,546	1,483	1,415
Domestic use	883	839	837	937	865	873	913	945	856	858	912
Ending stocks	58	65	77	69	63	76	69	80	67	90	79
Chicken	(Thousand tonnes)										
Production	1,064	1,081	1,099	1,137	1,179	1,237	1,301	1,332	1,305	1,334	1,371
Imports	197	201	200	210	189	174	170	172	188	184	187
Exports	141	150	137	133	134	134	124	124	129	134	112
Domestic use	1,117	1,129	1,166	1,205	1,235	1,274	1,339	1,376	1,362	1,384	1,444
Ending stocks	36	39	35	44	43	46	54	58	60	60	62
Consumption per capita	(Kilograms per capita)										
Beef	29.9	29.3	28.4	26.2	26.7	27.1	27.4	27.4	27.5	26.2	26.8
Pork	25.5	23.9	23.7	26.3	24.0	23.9	24.7	25.2	22.5	22.4	23.5
Chicken	32.2	32.2	32.9	33.8	34.3	34.9	36.2	36.6	35.8	36.2	37.2
Total	87.6	85.4	85.0	86.2	85.0	85.9	88.3	89.2	85.9	84.9	87.5

Canada

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Animal inventories	(Thousand head)										
Dairy cows	970	970	958	950	945	941	936	931	920	916	911
Beef cows	3,560	3,430	3,428	3,523	3,614	3,675	3,698	3,688	3,654	3,605	3,545
Cattle	11,050	10,938	10,926	10,995	11,087	11,176	11,230	11,244	11,225	11,181	11,120
Sows	1,230	1,210	1,208	1,228	1,235	1,232	1,220	1,208	1,198	1,184	1,167
Hogs	12,885	12,311	12,348	12,547	12,642	12,645	12,586	12,524	12,472	12,389	12,289
Beef	(Thousand tonnes)										
Production	1,330	1,270	1,258	1,230	1,233	1,265	1,298	1,324	1,339	1,345	1,342
Imports	225	230	229	228	227	226	225	224	223	222	221
Exports	560	526	514	480	472	493	519	539	553	556	553
Domestic use	1,002	973	972	978	988	997	1,003	1,008	1,009	1,010	1,010
Ending stocks	35	35	35	36	36	36	37	37	37	37	38
Pork	(Thousand tonnes)										
Production	2,050	2,020	2,042	2,091	2,119	2,129	2,127	2,124	2,122	2,114	2,102
Imports	255	250	258	266	274	282	290	298	306	314	322
Exports	1,310	1,298	1,298	1,345	1,373	1,381	1,380	1,379	1,378	1,372	1,365
Domestic use	1,000	992	1,000	1,010	1,018	1,027	1,035	1,040	1,048	1,053	1,057
Ending stocks	74	54	56	59	61	63	65	68	70	72	74
Chicken	(Thousand tonnes)										
Production	1,410	1,440	1,480	1,503	1,525	1,549	1,576	1,603	1,627	1,650	1,675
Imports	200	210	216	222	228	234	240	246	252	258	264
Exports	115	120	125	130	135	140	145	150	155	160	165
Domestic use	1,492	1,530	1,569	1,593	1,616	1,641	1,669	1,697	1,722	1,746	1,772
Ending stocks	65	65	67	69	71	73	75	77	79	81	83
Consumption per capita	(Kilograms per capita)										
Beef	25.1	23.9	23.5	23.3	23.3	23.2	23.1	22.9	22.7	22.5	22.3
Pork	25.0	24.3	24.2	24.1	24.0	23.9	23.8	23.7	23.6	23.5	23.4
Chicken	37.4	37.5	37.9	38.0	38.1	38.2	38.4	38.6	38.8	38.9	39.2
Total	87.5	85.8	85.6	85.4	85.3	85.3	85.3	85.2	85.1	85.0	84.9

China

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Animal inventories	(Thousand head)										
Dairy cows	8,000	8,350	8,400	8,400	8,000	7,000	6,200	6,100	6,150	6,200	6,400
Beef cows	51,000	52,500	54,000	53,000	53,000	53,000	52,000	52,500	53,000	53,400	56,200
Cattle	91,373	89,858	90,073	90,558	88,345	90,386	89,153	91,383	95,621	98,172	102,160
Sows	49,280	50,432	50,000	47,000	45,100	44,950	43,610	37,000	31,000	39,500	42,000
Hogs	480,302	478,931	471,602	458,029	442,092	441,589	428,070	310,410	406,500	449,220	452,560
Beef	(Thousand tonnes)										
Production	6,147	6,131	6,157	6,169	6,169	6,346	6,440	6,670	6,720	6,980	7,180
Imports	92	378	370	613	761	902	1,369	2,177	2,781	3,024	3,502
Exports	49	36	36	28	27	21	21	21	16	17	20
Domestic use	6,190	6,473	6,491	6,754	6,873	7,237	7,808	8,826	9,485	9,987	10,662
Ending stocks	0	0	0	0	30	20	0	0	0	0	0
Pork	(Thousand tonnes)										
Production	54,435	56,183	58,208	56,454	54,255	54,518	54,040	42,550	36,340	47,500	55,410
Imports	683	728	720	955	2,021	1,501	1,457	2,450	5,277	4,328	2,125
Exports	233	243	276	229	190	207	202	135	100	104	101
Domestic use	54,885	56,668	58,652	57,180	56,086	55,812	55,295	44,865	41,517	51,724	57,434
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Chicken	(Thousand tonnes)										
Production	13,864	13,510	13,156	13,561	12,448	11,600	11,700	13,800	14,600	14,700	14,300
Imports	254	244	260	268	430	311	342	580	999	788	633
Exports	411	420	430	401	386	436	447	428	388	457	532
Domestic use	13,707	13,334	12,986	13,428	12,492	11,475	11,595	13,952	15,211	15,031	14,401
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Beef	4.5	4.7	4.7	4.8	4.9	5.1	5.5	6.2	6.7	7.0	7.5
Pork	40.2	41.2	42.3	41.0	40.0	39.6	39.0	31.6	29.1	36.3	40.3
Chicken	10.0	9.7	9.4	9.6	8.9	8.1	8.2	9.8	10.7	10.5	10.1
Total	54.7	55.6	56.4	55.5	53.8	52.8	52.7	47.6	46.5	53.8	57.9

China

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Animal inventories	(Thousand head)										
Dairy cows	6,500	6,500	6,603	6,753	6,811	6,829	6,816	6,806	6,799	6,788	6,756
Beef cows	57,600	58,503	58,494	58,352	57,963	57,376	56,859	56,472	56,227	56,110	56,077
Cattle	105,500	108,242	107,945	107,670	107,575	107,486	107,473	107,517	107,574	107,604	107,603
Sows	43,000	42,006	41,521	41,748	41,873	42,040	42,239	42,462	42,702	42,895	43,084
Hogs	435,000	416,801	415,981	416,720	417,243	417,869	418,571	419,337	420,130	420,817	421,499
Beef	(Thousand tonnes)										
Production	7,500	7,682	7,800	7,906	7,937	7,961	7,956	7,932	7,905	7,891	7,891
Imports	3,600	3,562	3,588	3,595	3,621	3,646	3,659	3,671	3,687	3,705	3,718
Exports	20	20	20	19	19	18	18	17	17	16	16
Domestic use	11,080	11,225	11,368	11,482	11,540	11,589	11,598	11,586	11,575	11,580	11,593
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Pork	(Thousand tonnes)										
Production	56,500	55,941	55,596	56,060	56,414	56,824	57,277	57,767	58,267	58,712	59,154
Imports	2,275	2,360	2,457	2,463	2,459	2,429	2,374	2,303	2,229	2,168	2,101
Exports	92	108	109	108	106	105	105	105	105	104	104
Domestic use	58,683	58,192	57,944	58,415	58,766	59,148	59,547	59,965	60,392	60,776	61,152
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Chicken	(Thousand tonnes)										
Production	14,300	13,844	13,878	13,929	14,042	14,183	14,350	14,524	14,697	14,876	15,056
Imports	800	827	860	875	879	877	868	856	842	830	817
Exports	525	528	519	520	529	543	562	584	607	629	651
Domestic use	14,575	14,143	14,219	14,283	14,391	14,517	14,656	14,796	14,932	15,076	15,222
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Beef	7.8	7.9	8.0	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2
Pork	41.2	40.8	40.7	41.0	41.3	41.7	42.0	42.4	42.7	43.1	43.5
Chicken	10.2	9.9	10.0	10.0	10.1	10.2	10.3	10.5	10.6	10.7	10.8
Total	59.2	58.6	58.6	59.1	59.6	60.0	60.5	61.0	61.5	62.0	62.5

EU-27*

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Animal inventories	(Thousand head)										
Dairy cows	21,270	21,407	21,651	21,676	21,652	21,634	21,409	21,029	20,766	20,514	20,213
Beef cows	12,190	12,034	11,934	12,102	10,794	10,806	10,767	10,719	10,748	10,718	10,565
Cattle	87,106	87,619	88,383	89,119	79,698	79,010	77,840	77,161	76,551	75,705	74,808
Sows	13,253	12,737	12,511	12,542	11,805	11,532	11,674	11,294	11,328	11,255	10,883
Hogs	146,982	146,172	148,341	148,716	142,650	145,544	143,519	143,146	145,911	141,681	134,410
Beef	(Thousand tonnes)										
Production	7,708	7,388	7,443	7,684	6,939	6,951	7,067	6,964	6,903	6,883	6,722
Imports	340	367	363	354	404	392	422	435	350	321	399
Exports	250	210	262	257	730	761	736	701	714	675	623
Domestic use	7,798	7,545	7,544	7,781	6,613	6,582	6,753	6,698	6,539	6,529	6,498
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Pork	(Thousand tonnes)										
Production	22,526	22,359	22,540	23,249	22,947	22,758	23,156	22,996	23,219	23,615	22,277
Imports	20	15	14	11	156	156	169	164	160	98	121
Exports	2,103	2,177	2,113	2,328	3,847	3,617	3,671	4,266	5,175	4,993	4,173
Domestic use	20,443	20,197	20,441	20,932	19,256	19,297	19,654	18,894	18,204	18,720	18,225
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Chicken	(Thousand tonnes)										
Production	9,660	10,050	10,450	10,890	10,034	10,331	10,618	10,836	11,030	10,840	10,870
Imports	727	671	712	730	793	745	740	770	660	647	704
Exports	1,095	1,083	1,136	1,186	1,839	1,894	2,004	2,148	2,038	1,839	1,725
Domestic use	9,292	9,638	10,026	10,434	8,988	9,182	9,354	9,458	9,652	9,648	9,849
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Beef	17.7	17.1	17.1	17.6	15.0	14.9	15.2	15.1	14.7	14.7	14.6
Pork	46.4	45.8	46.3	47.4	43.5	43.6	44.3	42.6	41.0	42.1	41.0
Chicken	21.1	21.9	22.7	23.6	20.3	20.7	21.1	21.3	21.7	21.7	22.2
Total	85.2	84.7	86.1	88.6	78.8	79.2	80.7	79.0	77.4	78.6	77.9

*The data comes from USDA's PS and D database, as such, data prior to 2017 may include the UK, but data from 2017 on represents only the EU-27.

EU-27

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Animal inventories	(Thousand head)										
Dairy cows	20,100	20,000	20,005	20,057	19,929	19,702	19,461	19,257	19,066	18,868	18,647
Beef cows	10,445	10,385	10,334	10,261	10,083	9,926	9,808	9,720	9,658	9,613	9,583
Cattle	74,200	73,829	73,581	72,935	71,963	71,145	70,299	69,634	69,051	68,591	68,284
Sows	10,400	10,245	9,903	9,981	9,935	9,916	9,913	9,909	9,908	9,896	9,886
Hogs	132,100	131,642	128,335	128,659	128,129	127,941	127,876	127,834	127,740	127,556	127,464
Beef	(Thousand tonnes)										
Production	6,500	6,434	6,440	6,372	6,365	6,369	6,312	6,260	6,194	6,135	6,097
Imports	390	392	399	401	402	402	403	403	404	405	406
Exports	590	559	544	547	557	568	577	587	594	602	611
Domestic use	6,300	6,267	6,295	6,226	6,209	6,203	6,137	6,076	6,004	5,939	5,892
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Pork	(Thousand tonnes)										
Production	21,500	21,067	20,623	20,615	20,534	20,508	20,495	20,489	20,466	20,433	20,422
Imports	100	100	104	108	112	116	120	124	128	132	136
Exports	3,200	3,025	3,137	3,080	3,130	3,216	3,293	3,359	3,411	3,490	3,592
Domestic use	18,400	18,142	17,591	17,643	17,516	17,408	17,323	17,254	17,182	17,075	16,966
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Chicken	(Thousand tonnes)										
Production	11,030	11,058	11,159	11,124	11,192	11,291	11,395	11,517	11,609	11,690	11,789
Imports	720	735	750	765	780	795	810	825	840	855	870
Exports	1,725	1,725	1,744	1,755	1,802	1,867	1,943	2,027	2,104	2,172	2,242
Domestic use	10,025	10,068	10,164	10,134	10,171	10,219	10,262	10,315	10,345	10,374	10,417
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Beef	14.2	14.1	14.2	14.1	14.0	14.0	13.9	13.8	13.6	13.5	13.4
Pork	41.5	40.9	39.7	39.8	39.6	39.4	39.3	39.1	39.0	38.9	38.7
Chicken	22.6	22.7	22.9	22.9	23.0	23.1	23.3	23.4	23.5	23.6	23.7
Total	78.3	77.7	76.8	76.8	76.6	76.6	76.4	76.3	76.2	76.0	75.8

India

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Animal inventories	(Thousand head)										
Dairy cows	46,400	48,250	50,500	52,500	53,500	54,000	52,482	54,600	56,450	58,000	59,500
Cattle	299,600	300,200	300,600	301,000	301,400	301,900	302,700	303,200	305,500	306,700	307,400
Beef	(Thousand tonnes)										
Production	3,491	3,800	4,000	4,080	4,170	4,230	4,240	4,270	3,760	4,195	4,350
Imports	0	0	0	0	0	0	0	0	0	0	0
Exports	1,409	1,713	2,022	1,754	1,709	1,786	1,511	1,494	1,284	1,397	1,442
Domestic use	2,082	2,087	1,978	2,326	2,461	2,444	2,729	2,776	2,476	2,798	2,908
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Chicken	(Thousand tonnes)										
Production	2,713	2,880	3,074	3,296	3,481	3,805	4,102	4,223	3,597	3,767	3,822
Imports	0	0	0	0	0	0	1	1	1	1	1
Exports	6	7	10	8	4	4	7	6	4	4	4
Domestic use	2,707	2,873	3,065	3,288	3,477	3,802	4,096	4,218	3,594	3,764	3,818
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Beef	1.6	1.6	1.5	1.8	1.8	1.8	2.0	2.0	1.8	2.0	2.1
Chicken	2.1	2.2	2.3	2.5	2.6	2.8	3.0	3.0	2.6	2.7	2.7
Total	3.8	3.8	3.9	4.2	4.4	4.6	5.0	5.1	4.3	4.7	4.7

India

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Animal inventories	(Thousand head)										
Dairy cows	61,000	61,500	62,668	64,059	65,239	66,253	67,220	68,223	69,250	70,271	71,256
Cattle	307,635	307,683	308,088	308,125	308,401	308,756	309,022	309,218	309,389	309,568	309,751
Beef	(Thousand tonnes)										
Production	4,435	4,551	4,629	4,636	4,689	4,758	4,809	4,847	4,880	4,914	4,949
Imports	0	0	0	0	0	0	0	0	0	0	0
Exports	1,420	1,451	1,479	1,439	1,443	1,463	1,465	1,454	1,437	1,423	1,409
Domestic use	3,015	3,100	3,150	3,198	3,246	3,295	3,344	3,393	3,443	3,492	3,540
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Chicken	(Thousand tonnes)										
Production	3,934	4,173	4,274	4,370	4,463	4,557	4,657	4,754	4,846	4,930	5,016
Imports	1	1	1	1	1	1	1	1	1	1	1
Exports	4	4	4	4	4	4	4	4	4	4	4
Domestic use	3,930	4,170	4,270	4,366	4,459	4,553	4,653	4,750	4,842	4,926	5,012
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Beef	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3
Chicken	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2
Total	4.9	5.0	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.5	5.5

Japan

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Animal inventories	(Thousand head)										
Dairy cows	813	798	773	750	752	735	731	730	715	726	737
Beef cows	560	541	520	505	511	511	517	528	559	567	575
Cattle	4,065	3,962	3,860	3,824	3,822	3,842	3,835	3,907	3,960	3,990	3,967
Sows	900	900	885	855	845	839	824	853	845	823	789
Hogs	9,685	9,537	9,440	9,313	9,346	9,280	9,156	9,090	9,290	8,949	8,956
Beef	(Thousand tonnes)										
Production	519	508	502	481	465	469	475	471	477	480	492
Imports	716	738	718	687	698	793	840	853	832	807	777
Exports	1	1	2	2	3	4	5	6	7	11	11
Domestic use	1,234	1,211	1,204	1,166	1,193	1,254	1,298	1,319	1,295	1,263	1,228
Ending stocks	132	166	180	180	147	151	163	162	169	182	212
Pork	(Thousand tonnes)										
Production	1,297	1,309	1,264	1,254	1,279	1,272	1,284	1,279	1,306	1,318	1,293
Imports	1,258	1,222	1,331	1,268	1,360	1,473	1,480	1,493	1,412	1,420	1,523
Exports	1	2	2	2	3	5	4	3	4	4	3
Domestic use	2,556	2,548	2,542	2,566	2,625	2,729	2,774	2,714	2,732	2,760	2,765
Ending stocks	214	195	246	200	211	222	208	263	245	219	267
Chicken	(Thousand tonnes)										
Production	1,556	1,559	1,596	1,599	1,629	1,661	1,685	1,723	1,749	1,775	1,779
Imports	877	854	888	936	973	1,056	1,074	1,076	1,005	1,077	1,101
Exports	5	5	7	6	6	7	7	7	8	5	4
Domestic use	2,446	2,435	2,461	2,510	2,587	2,688	2,761	2,789	2,757	2,848	2,877
Ending stocks	129	102	118	137	146	168	159	162	151	150	149
Consumption per capita	(Kilograms per capita)										
Beef	9.7	9.5	9.4	9.2	9.4	9.9	10.3	10.5	10.3	10.1	9.9
Pork	20.0	20.0	19.9	20.2	20.7	21.5	22.0	21.6	21.8	22.1	22.3
Chicken	19.1	19.1	19.3	19.7	20.4	21.2	21.9	22.2	22.0	22.9	23.2
Total	48.8	48.5	48.7	49.1	50.4	52.7	54.1	54.2	54.2	55.1	55.4

Japan

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Animal inventories	(Thousand head)										
Dairy cows	715	710	706	710	710	706	701	697	695	691	687
Beef cows	578	574	574	574	574	575	577	580	584	588	593
Cattle	3,920	3,915	3,908	3,905	3,905	3,912	3,923	3,935	3,951	3,971	3,995
Sows	792	795	787	780	773	764	755	747	739	732	725
Hogs	8,970	8,991	8,937	8,897	8,845	8,788	8,731	8,677	8,626	8,577	8,531
Beef	(Thousand tonnes)										
Production	510	500	494	492	490	492	493	492	492	492	492
Imports	750	751	778	791	803	807	806	803	799	787	783
Exports	13	15	15	16	16	17	17	17	18	18	19
Domestic use	1,250	1,246	1,255	1,265	1,276	1,281	1,280	1,276	1,271	1,259	1,255
Ending stocks	209	199	201	203	204	206	208	210	211	213	215
Pork	(Thousand tonnes)										
Production	1,295	1,299	1,301	1,303	1,301	1,297	1,292	1,287	1,283	1,278	1,274
Imports	1,490	1,512	1,509	1,522	1,532	1,544	1,559	1,575	1,593	1,611	1,629
Exports	2	2	2	2	2	3	3	3	3	3	3
Domestic use	2,760	2,792	2,806	2,820	2,828	2,836	2,846	2,857	2,871	2,884	2,898
Ending stocks	290	308	311	313	316	318	321	323	326	328	331
Chicken	(Thousand tonnes)										
Production	1,775	1,783	1,826	1,869	1,907	1,938	1,962	1,978	1,986	1,985	1,977
Imports	1,090	1,097	1,089	1,070	1,058	1,055	1,060	1,073	1,094	1,125	1,160
Exports	5	5	5	6	6	6	7	7	7	7	8
Domestic use	2,879	2,880	2,906	2,929	2,955	2,982	3,012	3,041	3,069	3,099	3,125
Ending stocks	130	125	129	133	137	141	145	149	153	157	161
Consumption per capita	(Kilograms per capita)										
Beef	10.1	10.2	10.3	10.4	10.6	10.7	10.7	10.8	10.8	10.8	10.8
Pork	22.4	22.8	23.0	23.3	23.5	23.7	23.9	24.1	24.4	24.6	24.9
Chicken	23.4	23.5	23.8	24.2	24.5	24.9	25.3	25.7	26.0	26.5	26.9
Total	55.9	56.4	57.1	57.8	58.5	59.2	59.9	60.5	61.2	61.8	62.5

South Korea

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Animal inventories	(Thousand head)										
Dairy cows	209	206	208	197	194	198	205	204	202	204	195
Beef cows	1,249	1,232	1,166	1,393	1,339	1,355	1,380	1,434	1,491	1,555	1,640
Cattle	3,479	3,342	3,472	3,337	3,381	3,429	3,521	3,645	3,805	3,990	4,084
Sows	903	962	895	937	958	1,030	1,058	1,063	1,026	1,001	1,023
Hogs	9,916	9,912	10,090	10,187	11,487	11,273	11,333	11,280	11,078	11,217	11,124
Beef	(Thousand tonnes)										
Production	312	344	335	323	277	281	279	286	291	304	330
Imports	320	328	344	364	450	468	515	550	549	588	595
Exports	1	3	2	4	5	0	0	0	0	0	0
Domestic use	633	667	707	720	722	755	790	832	840	892	925
Ending stocks	78	80	50	13	13	7	11	15	15	15	15
Pork	(Thousand tonnes)										
Production	1,086	1,252	1,200	1,217	1,266	1,280	1,329	1,364	1,403	1,407	1,419
Imports	501	388	479	599	615	645	753	694	554	570	713
Exports	2	2	2	3	2	2	1	2	5	10	8
Domestic use	1,545	1,628	1,659	1,813	1,894	1,926	2,001	2,011	1,976	1,997	2,072
Ending stocks	90	100	118	118	103	100	180	225	201	171	223
Chicken	(Thousand tonnes)										
Production	696	710	792	878	899	852	915	952	962	935	925
Imports	130	127	141	119	128	132	163	178	170	176	216
Exports	21	26	19	26	27	6	33	50	56	42	65
Domestic use	803	820	895	963	990	988	1,040	1,070	1,066	1,064	1,071
Ending stocks	17	8	27	35	45	35	40	50	60	65	70
Consumption per capita	(Kilograms per capita)										
Beef	12.8	13.3	14.0	14.1	14.1	14.7	15.3	16.1	16.2	17.2	17.9
Pork	31.1	32.5	32.8	35.6	36.9	37.4	38.7	38.8	38.1	38.5	40.0
Chicken	16.2	16.4	17.7	18.9	19.3	19.2	20.1	20.7	20.6	20.5	20.7
Total	60.1	62.2	64.5	68.6	70.3	71.2	74.1	75.5	74.9	76.3	78.5

South Korea

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Animal inventories	(Thousand head)										
Dairy cows	190	188	187	187	187	187	187	188	189	186	184
Beef cows	1,700	1,724	1,737	1,772	1,807	1,842	1,877	1,910	1,943	1,976	2,009
Cattle	4,100	4,120	4,167	4,224	4,272	4,341	4,407	4,470	4,532	4,592	4,651
Sows	995	1,000	978	970	965	960	958	960	965	972	979
Hogs	11,025	11,093	10,869	10,791	10,732	10,696	10,701	10,754	10,843	10,954	11,085
Beef	(Thousand tonnes)										
Production	360	366	372	371	368	369	371	372	373	373	374
Imports	600	616	632	643	654	660	665	671	676	682	687
Exports	0	0	0	0	0	0	0	0	0	0	0
Domestic use	960	982	1,005	1,014	1,022	1,030	1,036	1,043	1,049	1,055	1,061
Ending stocks	15	15	15	15	14	14	14	14	13	13	13
Pork	(Thousand tonnes)										
Production	1,380	1,385	1,363	1,356	1,350	1,347	1,349	1,355	1,365	1,377	1,392
Imports	700	717	759	805	846	882	913	939	962	981	995
Exports	10	10	10	10	10	10	10	10	10	10	10
Domestic use	2,073	2,086	2,107	2,146	2,181	2,214	2,247	2,279	2,312	2,343	2,372
Ending stocks	220	225	230	235	240	245	250	255	260	265	270
Chicken	(Thousand tonnes)										
Production	930	945	960	974	987	1,000	1,012	1,025	1,037	1,049	1,061
Imports	255	241	265	270	274	277	281	283	285	286	288
Exports	60	60	62	64	66	68	70	72	74	76	78
Domestic use	1,110	1,141	1,161	1,178	1,193	1,206	1,220	1,233	1,245	1,256	1,268
Ending stocks	85	70	73	76	79	82	85	88	91	94	97
Consumption per capita	(Kilograms per capita)										
Beef	18.5	19.0	19.4	19.6	19.8	20.0	20.2	20.3	20.5	20.7	20.8
Pork	40.0	40.3	40.8	41.6	42.3	43.0	43.7	44.4	45.2	45.9	46.6
Chicken	21.4	22.1	22.5	22.8	23.1	23.4	23.7	24.0	24.3	24.6	24.9
Total	80.0	81.4	82.7	84.0	85.3	86.4	87.6	88.8	90.0	91.2	92.4

Mexico

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Animal inventories	(Thousand head)										
Dairy cows	6,350	6,300	6,350	6,400	6,450	6,550	6,550	6,500	6,550	6,600	6,650
Beef cows	6,900	6,750	6,700	6,700	6,800	7,300	7,500	7,700	7,900	7,950	8,000
Cattle	18,521	17,760	17,120	16,615	16,490	16,584	16,699	16,900	17,000	17,314	17,850
Sows	1,120	1,155	1,160	1,150	1,170	1,180	1,190	1,230	1,245	1,255	1,285
Hogs	9,510	9,775	9,788	10,043	10,229	10,410	10,700	11,050	11,500	11,775	12,250
Beef	(Thousand tonnes)										
Production	1,821	1,807	1,827	1,850	1,879	1,925	1,980	2,027	2,079	2,129	2,177
Imports	209	225	199	169	181	188	194	189	162	172	166
Exports	182	147	171	200	227	245	272	315	343	363	398
Domestic use	1,848	1,885	1,855	1,819	1,833	1,868	1,902	1,901	1,898	1,938	1,945
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Pork	(Thousand tonnes)										
Production	1,090	1,130	1,135	1,164	1,211	1,267	1,321	1,408	1,451	1,484	1,530
Imports	588	652	680	813	843	885	972	985	945	1,155	1,299
Exports	95	111	117	128	141	169	177	234	344	319	285
Domestic use	1,583	1,671	1,698	1,849	1,913	1,983	2,116	2,159	2,052	2,320	2,544
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Chicken	(Thousand tonnes)										
Production	2,958	2,907	3,025	3,175	3,275	3,383	3,471	3,554	3,596	3,665	3,763
Imports	616	682	722	790	791	804	820	875	842	917	915
Exports	6	7	9	5	5	6	4	6	7	7	12
Domestic use	3,568	3,582	3,738	3,960	4,061	4,181	4,287	4,423	4,431	4,575	4,666
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Beef	16.0	16.1	15.6	15.1	15.1	15.2	15.3	15.2	15.1	15.3	15.3
Pork	13.7	14.2	14.3	15.4	15.7	16.1	17.1	17.3	16.3	18.3	20.0
Chicken	30.8	30.5	31.5	33.0	33.4	34.0	34.6	35.4	35.2	36.1	36.6
Total	60.5	60.9	61.4	63.5	64.2	65.4	67.0	67.8	66.5	69.7	71.8

Mexico

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Animal inventories	(Thousand head)										
Dairy cows	6,700	6,750	6,923	7,138	7,289	7,358	7,378	7,374	7,353	7,316	7,261
Beef cows	8,050	9,000	9,013	9,102	9,318	9,554	9,711	9,744	9,678	9,548	9,370
Cattle	18,000	18,097	18,145	18,385	18,919	19,511	19,925	20,039	19,903	19,595	19,163
Sows	1,305	1,310	1,296	1,299	1,305	1,312	1,321	1,334	1,348	1,363	1,379
Hogs	12,560	12,851	12,807	12,891	12,999	13,128	13,286	13,471	13,674	13,885	14,105
Beef	(Thousand tonnes)										
Production	2,220	2,253	2,273	2,307	2,330	2,369	2,421	2,464	2,490	2,494	2,482
Imports	185	175	171	166	162	158	154	150	147	143	139
Exports	370	408	410	422	412	409	428	443	447	429	399
Domestic use	2,035	2,020	2,034	2,052	2,080	2,118	2,147	2,172	2,189	2,207	2,223
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Pork	(Thousand tonnes)										
Production	1,580	1,595	1,601	1,619	1,639	1,663	1,691	1,722	1,756	1,790	1,826
Imports	1,310	1,328	1,336	1,368	1,394	1,414	1,435	1,455	1,478	1,499	1,515
Exports	260	265	272	279	286	293	300	307	314	321	328
Domestic use	2,630	2,658	2,666	2,707	2,747	2,784	2,826	2,870	2,919	2,968	3,013
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Chicken	(Thousand tonnes)										
Production	3,850	3,932	4,055	4,143	4,216	4,284	4,354	4,424	4,489	4,551	4,614
Imports	975	1,034	1,006	1,006	1,017	1,035	1,057	1,080	1,110	1,143	1,177
Exports	5	5	5	6	6	6	7	7	7	7	8
Domestic use	4,820	4,961	5,056	5,144	5,227	5,313	5,404	5,497	5,592	5,686	5,783
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Beef	15.8	15.6	15.6	15.6	15.8	15.9	16.1	16.1	16.2	16.2	16.2
Pork	20.5	20.5	20.5	20.6	20.8	20.9	21.1	21.3	21.6	21.8	22.0
Chicken	37.5	38.3	38.8	39.2	39.6	40.0	40.4	40.9	41.3	41.8	42.3
Total	73.8	74.5	74.9	75.5	76.1	76.9	77.6	78.3	79.1	79.8	80.5

New Zealand

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Animal inventories	(Thousand head)										
Dairy cows	5,010	5,005	5,176	5,056	4,998	4,861	4,993	4,946	4,922	4,904	4,875
Beef cows	1,053	1,060	1,019	1,012	982	954	976	1,029	1,105	1,067	1,067
Cattle	10,180	10,183	10,368	10,033	10,152	10,146	10,107	10,151	10,083	10,150	9,965
Beef	(Thousand tonnes)										
Production	624	620	658	690	648	654	672	713	727	754	728
Imports	11	15	18	17	12	13	12	14	12	10	11
Exports	495	507	552	609	560	564	602	623	634	685	643
Domestic use	140	128	124	98	100	103	82	104	105	79	96
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Beef	31.7	28.8	27.5	21.3	21.4	21.7	16.9	21.0	20.7	15.4	18.5

Philippines

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Pork	(Thousand tonnes)										
Production	1,362	1,388	1,402	1,463	1,540	1,563	1,601	1,585	1,115	1,000	925
Imports	137	170	197	173	193	239	283	222	168	462	561
Exports	1	1	1	1	1	1	1	1	1	1	1
Domestic use	1,496	1,555	1,586	1,646	1,727	1,794	1,874	1,820	1,268	1,430	1,450
Ending stocks	9	11	23	12	17	24	33	19	33	64	99
Consumption per capita	(Kilograms per capita)										
Pork	15.3	15.6	15.7	16.0	16.5	16.8	17.3	16.5	11.3	12.6	12.5

New Zealand

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Animal inventories	(Thousand head)										
Dairy cows	4,800	4,750	4,753	4,772	4,781	4,776	4,757	4,739	4,723	4,711	4,690
Beef cows	1,065	1,065	1,080	1,073	1,061	1,058	1,062	1,066	1,067	1,065	1,066
Cattle	9,790	9,573	9,533	9,548	9,607	9,643	9,656	9,668	9,684	9,706	9,722
Beef	(Thousand tonnes)										
Production	740	744	740	741	750	757	762	767	771	775	779
Imports	10	10	10	10	10	11	11	11	11	11	11
Exports	675	669	666	669	679	688	693	699	704	710	715
Domestic use	75	84	84	82	81	80	79	79	78	76	75
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Beef	14.3	16.0	15.7	15.4	15.0	14.8	14.6	14.3	14.0	13.8	13.5

Philippines

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Pork	(Thousand tonnes)										
Production	950	968	978	1,003	1,023	1,032	1,032	1,023	1,006	981	948
Imports	480	488	531	532	544	570	606	650	704	766	834
Exports	1	1	1	1	1	1	1	1	1	1	1
Domestic use	1,443	1,500	1,507	1,532	1,565	1,600	1,635	1,671	1,708	1,744	1,779
Ending stocks	85	40	42	43	45	46	48	49	51	52	54
Consumption per capita	(Kilograms per capita)										
Pork	12.3	12.6	12.5	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.2

Russia

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Animal inventories	(Thousand head)										
Dairy cows	8,600	8,250	8,050	7,750	7,235	7,080	6,815	6,711	6,615	6,495	6,430
Beef cows	310	390	460	490	548	826	850	1,100	982	1,059	1,100
Cattle	19,680	19,273	18,920	18,528	18,248	18,195	18,050	18,022	17,953	17,798	17,435
Sows	2,290	2,325	2,400	2,583	2,750	2,900	3,070	3,290	3,400	3,500	3,600
Hogs	18,785	19,010	19,308	21,239	21,782	22,945	23,600	25,048	25,744	26,200	26,000
Beef	(Thousand tonnes)										
Production	1,377	1,367	1,362	1,364	1,339	1,325	1,357	1,374	1,378	1,380	1,320
Imports	988	939	880	562	470	469	449	409	363	298	284
Exports	11	12	13	12	12	14	16	17	33	50	45
Domestic use	2,354	2,294	2,229	1,914	1,797	1,780	1,790	1,766	1,708	1,628	1,559
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Pork	(Thousand tonnes)										
Production	2,179	2,394	2,484	2,589	2,820	2,959	3,155	3,324	3,611	3,700	3,910
Imports	957	818	495	392	339	367	84	107	13	16	18
Exports	1	1	1	6	21	30	37	68	156	158	170
Domestic use	3,135	3,211	2,978	2,975	3,138	3,296	3,202	3,363	3,468	3,558	3,758
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Chicken	(Thousand tonnes)										
Production	3,446	3,634	3,958	4,222	4,328	4,680	4,684	4,668	4,680	4,600	4,800
Imports	561	512	444	250	220	225	220	224	229	245	200
Exports	35	52	50	71	104	125	131	173	216	218	245
Domestic use	3,966	4,101	4,337	4,427	4,449	4,785	4,785	4,712	4,688	4,632	4,750
Ending stocks	53	46	61	35	30	25	13	20	25	20	25
Consumption per capita	(Kilograms per capita)										
Beef	16.4	15.9	15.4	13.2	12.4	12.2	12.3	12.1	11.7	11.2	10.8
Pork	21.8	22.3	20.6	20.6	21.6	22.7	22.0	23.1	23.8	24.5	26.0
Chicken	27.6	28.5	30.1	30.6	30.7	32.9	32.9	32.3	32.2	31.9	32.8
Total	65.8	66.7	66.1	64.4	64.7	67.8	67.1	67.5	67.7	67.7	69.6

Russia

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Animal inventories	(Thousand head)										
Dairy cows	6,350	6,300	6,343	6,383	6,372	6,327	6,273	6,230	6,197	6,167	6,130
Beef cows	1,075	1,000	992	993	997	999	1,000	997	994	990	986
Cattle	17,160	16,640	16,454	16,179	16,406	16,655	16,756	16,749	16,708	16,691	16,702
Sows	3,650	3,659	3,728	3,766	3,775	3,781	3,799	3,824	3,844	3,856	3,863
Hogs	27,000	27,304	27,715	27,970	28,069	28,157	28,310	28,492	28,647	28,759	28,848
Beef	(Thousand tonnes)										
Production	1,320	1,341	1,330	1,315	1,328	1,342	1,348	1,347	1,344	1,343	1,343
Imports	280	252	251	252	241	232	226	220	214	208	201
Exports	35	30	31	32	33	34	35	36	37	38	39
Domestic use	1,565	1,563	1,550	1,535	1,536	1,540	1,539	1,531	1,522	1,513	1,505
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Pork	(Thousand tonnes)										
Production	3,950	4,002	4,068	4,117	4,147	4,177	4,215	4,256	4,292	4,323	4,351
Imports	15	12	12	12	12	12	12	12	12	12	12
Exports	210	223	217	219	219	220	221	221	221	222	222
Domestic use	3,755	3,791	3,862	3,910	3,940	3,968	4,006	4,046	4,083	4,113	4,141
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Chicken	(Thousand tonnes)										
Production	4,875	4,946	4,958	4,992	5,033	5,089	5,154	5,218	5,273	5,323	5,373
Imports	155	150	148	145	143	140	138	135	133	130	128
Exports	225	228	225	237	243	250	256	261	266	271	275
Domestic use	4,805	4,868	4,881	4,900	4,932	4,979	5,036	5,092	5,140	5,182	5,225
Ending stocks	25	25	25	25	25	25	25	25	25	25	25
Consumption per capita	(Kilograms per capita)										
Beef	10.8	10.9	10.8	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.7
Pork	26.0	26.3	26.9	27.3	27.6	27.9	28.2	28.6	29.0	29.3	29.6
Chicken	33.3	33.8	34.0	34.3	34.6	35.0	35.5	36.0	36.5	36.9	37.3
Total	70.1	71.0	71.7	72.3	73.0	73.7	74.6	75.4	76.2	76.9	77.6

Thailand

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Chicken	(Thousand tonnes)										
Production	2,482	2,381	2,499	2,692	2,813	2,990	3,170	3,300	3,250	3,220	3,300
Imports	1	10	8	4	2	1	2	2	2	1	1
Exports	561	547	608	700	771	827	925	961	941	907	1,021
Domestic use	1,841	1,877	1,917	1,994	2,048	2,156	2,255	2,389	2,299	2,280	2,310
Ending stocks	133	100	82	84	80	88	80	32	44	78	48
Consumption per capita	(Kilograms per capita)										
Chicken	26.6	27.0	27.4	28.4	29.0	30.4	31.7	33.5	32.2	31.8	32.2

Turkey

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Chicken	(Thousand tonnes)										
Production	1,724	1,758	1,895	1,909	1,879	2,137	2,157	2,138	2,136	2,246	2,418
Imports	0	0	0	0	0	0	0	0	0	0	0
Exports	265	333	368	312	290	376	438	427	465	559	646
Domestic use	1,459	1,425	1,527	1,597	1,589	1,761	1,719	1,711	1,671	1,687	1,772
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Chicken	19.4	18.6	19.5	20.1	19.6	21.5	20.8	20.5	19.9	19.9	20.8

Thailand

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Chicken	(Thousand tonnes)										
Production	3,450	3,483	3,546	3,587	3,622	3,669	3,731	3,804	3,882	3,963	4,048
Imports	1	1	1	1	1	1	1	1	1	1	1
Exports	1,090	1,107	1,110	1,112	1,120	1,141	1,173	1,219	1,273	1,329	1,387
Domestic use	2,340	2,396	2,434	2,472	2,501	2,526	2,555	2,583	2,607	2,631	2,658
Ending stocks	69	50	53	56	59	62	65	68	71	74	77
Consumption per capita	(Kilograms per capita)										
Chicken	32.6	33.3	33.8	34.3	34.7	35.1	35.5	35.8	36.2	36.6	37.0

Turkey

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Chicken	(Thousand tonnes)										
Production	2,250	2,293	2,326	2,339	2,348	2,361	2,382	2,409	2,442	2,476	2,515
Imports	0	0	0	0	0	0	0	0	0	0	0
Exports	450	484	470	450	441	442	445	447	452	461	473
Domestic use	1,800	1,809	1,857	1,889	1,907	1,919	1,936	1,962	1,990	2,015	2,042
Ending stocks	0	0	0	0	0	0	0	0	0	0	0
Consumption per capita	(Kilograms per capita)										
Chicken	21.0	21.0	21.4	21.7	21.8	21.8	21.9	22.1	22.3	22.4	22.6

World Ethanol Balances

Calendar year	2014	2015	2016	2017	2018	2019	2020	2021	2022
World totals	(Billion liters)								
Production	107.2	112.6	113.0	116.2	124.0	128.6	119.5	117.6	123.7
Use	104.4	113.3	112.1	113.5	121.2	126.7	115.3	119.8	122.8
Ending stocks	14.0	12.4	12.0	13.6	15.4	17.1	20.0	17.9	17.6
Net exports	(Billion liters)								
Argentina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brazil	0.9	1.4	1.0	-0.4	-0.1	0.5	1.7	1.5	2.1
Canada	-1.1	-1.2	-1.1	-1.2	-1.3	-1.2	-1.1	-1.2	-1.8
China	0.0	-0.7	-0.9	0.1	-1.0	-0.1	0.3	-0.8	0.0
European Union	-0.1	0.1	-0.2	-0.6	-0.6	-0.4	-0.8	-0.8	-1.4
USA	2.9	2.8	4.3	5.0	6.3	4.8	4.4	4.5	4.7
Rest of the world	-1.5	-1.6	-1.7	-1.7	-2.3	-3.3	-3.1	-3.2	-2.4
Statistical discrepancy	-1.2	-0.9	-1.3	-1.1	-1.0	-0.3	-1.4	0.1	-1.2
	(Dollars per liter)								
U.S. Gulf price	0.61	0.42	0.42	0.41	0.39	0.40	0.36	0.63	0.68

World Biomass-based Diesel Balances

Calendar year	2014	2015	2016	2017	2018	2019	2020	2021	2022
World totals	(Billion liters)								
Production	35.2	32.5	36.4	39.1	44.9	50.3	50.6	53.8	56.8
Use	33.9	32.6	36.2	38.3	43.2	48.4	50.1	52.7	55.9
Ending stocks	1.5	1.7	2.3	2.1	2.7	2.7	2.8	3.1	2.8
Net exports	(Billion liters)								
Argentina	1.8	0.9	1.8	1.9	1.5	1.2	0.6	1.4	1.4
Brazil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Canada	-0.3	-0.2	-0.1	-0.4	-0.4	-0.4	-0.4	-0.5	-0.4
European Union	0.3	0.0	-0.1	-0.3	-1.7	-0.2	-1.5	-1.8	-1.9
Indonesia	1.6	0.3	0.5	0.2	1.7	1.3	0.0	0.2	0.5
Malaysia	0.1	0.2	0.1	0.3	0.6	0.7	0.4	0.3	0.4
USA	-0.9	-1.8	-3.2	-1.9	-0.9	-1.2	-1.3	-1.5	-1.0
Rest of the world	-1.3	0.3	0.6	1.1	0.3	0.6	2.5	2.7	2.2
Statistical discrepancy	-1.4	0.3	0.3	-0.9	-1.1	-1.9	-0.4	-0.8	-1.2
	(Dollars per liter)								
EU border price	0.91	0.76	0.79	0.83	0.88	0.86	0.84	1.53	1.74

World Ethanol Balances

Calendar year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Billion liters)										
Production	128.8	130.0	131.4	130.6	134.5	136.8	138.6	140.3	142.6	145.0	146.8
Use	128.8	130.2	130.9	130.8	133.7	136.5	138.4	140.0	142.2	144.5	146.4
Ending stocks	17.4	17.0	17.4	17.1	17.7	17.9	18.0	18.2	18.4	18.7	19.0
	(Billion liters)										
Argentina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brazil	1.7	0.6	0.8	0.4	0.4	0.4	0.2	0.1	0.0	0.0	-0.1
Canada	-2.5	-2.4	-2.5	-2.6	-2.7	-2.8	-2.9	-3.1	-3.0	-3.0	-3.0
China	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
European Union	-1.2	-1.4	-1.3	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1
USA	4.9	6.3	6.5	6.6	6.8	6.8	7.1	7.5	7.6	7.7	7.9
Rest of the world	-2.6	-3.0	-3.3	-3.1	-3.2	-3.1	-3.2	-3.2	-3.4	-3.5	-3.5
Statistical discrepancy	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	(Dollars per liter)										
U.S. Gulf price	0.61	0.57	0.57	0.58	0.57	0.58	0.57	0.57	0.57	0.57	0.58

World Biomass-based Diesel Balances

Calendar year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Billion liters)										
Production	64.2	66.2	67.7	68.6	70.3	71.9	73.5	75.0	76.3	77.7	79.1
Use	63.9	65.5	67.0	68.1	69.8	71.4	72.9	74.5	75.8	77.1	78.5
Ending stocks	2.6	2.9	3.1	3.2	3.2	3.3	3.4	3.5	3.6	3.7	3.8
	(Billion liters)										
Argentina	0.3	0.7	0.8	0.7	0.5	0.4	0.2	0.2	0.2	0.2	0.2
Brazil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Canada	-0.6	-0.8	-0.8	-0.9	-0.9	-0.9	-1.0	-1.0	-1.0	-1.1	-1.1
European Union	-2.1	-2.4	-2.9	-3.2	-3.2	-3.2	-3.2	-3.2	-3.3	-3.3	-3.3
Indonesia	0.6	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.3	1.5	1.6
Malaysia	0.3	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
USA	-1.9	-2.1	-1.7	-1.6	-1.5	-1.4	-1.4	-1.4	-1.5	-1.5	-1.6
Rest of the world	3.8	3.8	3.8	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1
Statistical discrepancy	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
	(Dollars per liter)										
EU border price	1.10	1.11	1.09	1.11	1.12	1.12	1.12	1.11	1.11	1.10	1.09

Ethanol Quantities

Calendar year	2014	2015	2016	2017	2018	2019	2020	2021	2022
Argentina	(Billion liters)								
Production	0.83	0.96	1.04	1.21	1.30	1.35	1.35	1.55	1.63
Imports	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Domestic use	0.82	0.95	1.06	1.19	1.25	1.34	1.30	1.54	1.65
Exports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ending stocks	0.05	0.06	0.04	0.07	0.13	0.14	0.18	0.19	0.17
Brazil									
Production	28.55	30.37	28.41	28.14	33.08	37.38	35.08	29.98	30.75
Imports	0.45	0.51	0.84	1.80	1.78	1.46	1.01	0.43	0.32
Domestic use	26.44	30.95	27.67	27.60	31.74	34.97	31.30	29.55	29.70
Exports	1.40	1.87	1.79	1.38	1.69	1.94	2.67	1.95	2.45
Ending stocks	10.17	8.23	8.01	8.97	10.40	12.33	14.45	13.37	12.29
Canada									
Production	1.82	1.82	1.86	1.89	1.99	2.16	2.28	2.13	2.10
Imports	1.16	1.22	1.19	1.25	1.35	1.28	1.29	1.39	1.90
Domestic use	2.92	2.98	2.98	3.04	3.26	3.33	3.40	3.33	3.83
Exports	0.06	0.07	0.08	0.09	0.07	0.08	0.14	0.18	0.15
Ending stocks	0.13	0.13	0.13	0.14	0.15	0.18	0.20	0.20	0.23
China									
Production	6.92	7.87	8.07	9.21	9.77	10.74	10.83	10.58	11.85
Imports	0.03	0.69	0.89	0.02	1.04	0.10	0.07	0.82	0.00
Domestic use	6.92	8.53	8.93	9.10	10.73	10.82	10.53	11.39	11.84
Exports	0.03	0.03	0.03	0.14	0.08	0.02	0.37	0.01	0.01
Ending stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
European Union									
Production	5.49	5.87	5.42	5.41	5.54	5.75	6.02	5.95	6.23
Imports	0.81	0.74	0.86	0.88	0.80	1.10	1.49	1.13	1.99
Domestic use	5.62	5.81	5.60	6.00	6.12	6.18	6.71	6.89	7.71
Exports	0.67	0.84	0.64	0.26	0.24	0.70	0.70	0.31	0.54
Ending stocks	0.36	0.33	0.36	0.39	0.36	0.34	0.44	0.31	0.27
United States									
Production	54.18	56.05	58.35	60.33	60.88	59.73	52.77	56.84	58.15
Imports	0.28	0.35	0.14	0.29	0.21	0.74	0.58	0.23	0.26
Domestic use	50.89	52.79	54.34	54.83	54.55	55.08	48.00	52.79	53.51
Exports	3.20	3.15	4.43	5.26	6.47	5.55	4.99	4.70	4.97
Ending stocks	2.98	3.43	3.14	3.66	3.72	3.55	3.92	3.50	3.42
Rest of world									
Production	9.44	9.64	9.83	10.06	11.47	11.52	11.17	10.57	13.01
Imports	2.64	2.63	2.59	3.10	4.05	4.42	4.30	4.91	3.20
Domestic use	10.76	11.25	11.47	11.76	13.51	14.96	14.03	14.25	14.56
Exports	1.17	1.05	0.86	1.36	1.70	1.08	1.23	1.68	0.80
Ending stocks	0.26	0.23	0.32	0.36	0.67	0.58	0.79	0.33	1.18

Ethanol Quantities

Calendar year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Billion liters)										
Production	1.73	1.81	1.93	2.01	2.04	2.03	2.04	2.07	2.11	2.15	2.18
Imports	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic use	1.74	1.78	1.86	1.94	1.99	2.01	2.03	2.06	2.10	2.14	2.18
Exports	0.00	0.02	0.02	0.03	0.03	0.03	0.02	0.01	0.01	0.01	0.00
Ending stocks	0.19	0.20	0.25	0.29	0.30	0.30	0.29	0.29	0.29	0.29	0.29
Brazil											
Production	35.05	35.24	36.13	34.49	37.87	39.04	40.06	41.04	42.74	44.48	45.82
Imports	0.46	0.56	0.52	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
Domestic use	34.00	34.93	35.10	34.53	36.93	38.53	39.75	40.85	42.50	44.23	45.66
Exports	2.11	1.19	1.27	1.02	1.01	0.96	0.80	0.68	0.61	0.59	0.55
Ending stocks	11.69	11.38	11.66	11.21	11.73	11.88	12.00	12.11	12.35	12.61	12.82
Canada											
Production	2.13	2.29	2.44	2.61	2.78	2.93	3.05	3.16	3.23	3.27	3.30
Imports	2.66	2.50	2.56	2.71	2.83	2.93	2.98	3.15	3.07	3.08	3.12
Domestic use	4.66	4.69	4.90	5.21	5.50	5.76	5.93	6.20	6.20	6.25	6.31
Exports	0.14	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10
Ending stocks	0.22	0.23	0.25	0.27	0.29	0.31	0.32	0.34	0.34	0.34	0.35
China											
Production	12.04	12.25	12.34	12.56	12.80	13.09	13.43	13.81	14.16	14.51	14.86
Imports	0.00	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07
Domestic use	12.02	12.26	12.35	12.57	12.82	13.12	13.46	13.85	14.20	14.56	14.91
Exports	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Ending stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
European Union											
Production	6.18	6.32	6.48	6.65	6.65	6.71	6.72	6.71	6.73	6.74	6.76
Imports	1.87	1.79	1.73	1.62	1.61	1.57	1.57	1.58	1.57	1.55	1.53
Domestic use	7.39	7.67	7.71	7.75	7.77	7.78	7.79	7.80	7.80	7.80	7.80
Exports	0.65	0.42	0.44	0.48	0.48	0.49	0.48	0.48	0.48	0.48	0.48
Ending stocks	0.28	0.29	0.34	0.39	0.41	0.42	0.44	0.44	0.46	0.47	0.48
United States											
Production	58.61	59.01	58.86	58.70	58.52	58.96	59.03	58.90	58.83	58.70	58.49
Imports	0.18	0.18	0.18	0.18	0.18	0.17	0.17	0.16	0.16	0.16	0.16
Domestic use	53.50	52.68	52.38	52.13	51.76	52.19	51.92	51.44	51.25	51.01	50.64
Exports	5.04	6.51	6.67	6.74	6.94	6.95	7.28	7.62	7.74	7.85	8.01
Ending stocks	3.67	3.67	3.67	3.66	3.66	3.66	3.66	3.66	3.66	3.65	3.65
Rest of world											
Production	13.02	13.04	13.23	13.54	13.80	14.07	14.32	14.58	14.84	15.11	15.38
Imports	3.08	3.51	3.80	3.57	3.64	3.54	3.65	3.71	3.84	3.95	4.04
Domestic use	15.52	16.16	16.55	16.63	16.95	17.12	17.47	17.79	18.18	18.55	18.91
Exports	0.46	0.46	0.46	0.47	0.47	0.48	0.48	0.48	0.49	0.49	0.49
Ending stocks	1.31	1.24	1.25	1.27	1.29	1.30	1.32	1.34	1.36	1.37	1.39

Biomass-based Diesel Quantities

Calendar year	2014	2015	2016	2017	2018	2019	2020	2021	2022
Argentina	(Billion liters)								
Production	2.94	2.06	3.02	3.26	2.76	2.44	1.32	1.96	2.17
Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic use	1.10	1.15	1.18	1.34	1.31	1.29	0.63	0.50	0.81
Exports	1.82	0.90	1.85	1.88	1.52	1.15	0.61	1.44	1.41
Ending stocks	0.04	0.06	0.05	0.10	0.03	0.03	0.10	0.12	0.07
Brazil									
Production	3.43	4.02	3.80	4.31	5.41	5.93	6.50	6.87	6.77
Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic use	3.41	4.00	3.80	4.30	5.40	5.92	6.50	6.91	6.75
Exports	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ending stocks	0.09	0.09	0.09	0.10	0.11	0.11	0.11	0.07	0.09
Canada									
Production	0.35	0.40	0.46	0.40	0.31	0.36	0.46	0.42	0.36
Imports	0.61	0.50	0.52	0.71	0.75	0.72	0.88	0.89	0.78
Domestic use	0.63	0.63	0.53	0.76	0.75	0.75	0.89	0.87	0.76
Exports	0.33	0.27	0.45	0.35	0.31	0.34	0.45	0.44	0.38
Ending stocks	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
European Union									
Production	13.94	13.56	13.06	14.46	15.20	16.28	15.60	16.04	16.11
Imports	0.82	0.82	0.96	1.71	4.18	4.29	3.54	3.22	3.16
Domestic use	13.58	13.52	13.19	14.75	16.54	16.73	17.12	17.86	17.96
Exports	1.14	0.86	0.84	1.36	2.53	4.06	2.01	1.37	1.30
Ending stocks	0.55	0.54	0.53	0.59	0.90	0.67	0.68	0.72	0.72
Indonesia									
Production	3.50	1.20	3.50	2.80	5.60	7.70	8.50	9.55	10.90
Imports	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Domestic use	1.85	0.86	3.01	2.57	3.75	6.39	8.43	9.30	10.39
Exports	1.57	0.34	0.48	0.19	1.77	1.27	0.04	0.19	0.52
Ending stocks	0.10	0.09	0.11	0.15	0.26	0.29	0.33	0.39	0.39
Malaysia									
Production	0.48	0.74	0.60	0.85	1.10	1.78	1.25	1.20	1.15
Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic use	0.40	0.52	0.51	0.52	0.54	0.87	0.80	0.86	0.96
Exports	0.10	0.19	0.09	0.26	0.56	0.66	0.41	0.32	0.41
Ending stocks	0.04	0.08	0.07	0.15	0.16	0.41	0.44	0.46	0.25
United States									
Production	6.23	5.95	7.34	7.61	8.71	9.01	9.53	9.74	11.59
Imports	1.18	2.11	3.53	2.21	1.29	1.63	1.80	2.21	1.94
Domestic use	7.21	7.60	10.14	9.80	9.54	10.33	10.79	11.19	12.84
Exports	0.31	0.33	0.33	0.35	0.39	0.43	0.55	0.71	0.90
Ending stocks	0.50	0.63	1.02	0.68	0.74	0.62	0.62	0.67	0.45
Rest of world									
Production	4.35	4.62	4.67	5.37	5.76	6.82	7.41	8.01	7.76
Imports	2.60	1.17	0.91	0.70	1.94	2.85	1.92	1.59	1.99
Domestic use	5.97	4.28	3.85	4.31	5.36	6.13	4.92	5.17	5.45
Exports	1.32	1.43	1.55	1.82	2.19	3.49	4.47	4.24	4.17
Ending stocks	0.16	0.23	0.40	0.34	0.50	0.55	0.49	0.67	0.80

Biomass-based Diesel Quantities

Calendar year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Billion liters)										
Production	1.20	1.56	1.72	1.63	1.47	1.32	1.23	1.19	1.18	1.19	1.21
Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic use	0.91	0.89	0.91	0.94	0.95	0.96	0.98	1.00	1.02	1.03	1.05
Exports	0.31	0.66	0.79	0.69	0.53	0.35	0.25	0.19	0.16	0.15	0.16
Ending stocks	0.05	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09
Brazil											
Production	6.98	7.30	7.81	8.16	8.46	8.76	9.10	9.45	9.79	10.11	10.41
Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Domestic use	7.00	7.30	7.79	8.15	8.46	8.76	9.10	9.45	9.79	10.11	10.42
Exports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ending stocks	0.07	0.07	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10
Canada											
Production	0.42	0.40	0.36	0.36	0.39	0.42	0.45	0.47	0.47	0.47	0.46
Imports	1.11	1.21	1.30	1.36	1.38	1.41	1.44	1.48	1.52	1.57	1.62
Domestic use	1.07	1.15	1.21	1.26	1.31	1.37	1.42	1.47	1.51	1.54	1.58
Exports	0.47	0.45	0.46	0.45	0.46	0.46	0.47	0.48	0.49	0.50	0.51
Ending stocks	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
European Union											
Production	16.35	16.40	16.30	16.21	16.40	16.67	16.89	17.07	17.20	17.33	17.45
Imports	3.52	3.51	3.62	3.73	3.74	3.71	3.70	3.71	3.71	3.72	3.73
Domestic use	18.43	18.81	19.12	19.41	19.63	19.85	20.07	20.26	20.44	20.61	20.78
Exports	1.47	1.08	0.73	0.52	0.49	0.51	0.50	0.48	0.45	0.42	0.39
Ending stocks	0.69	0.71	0.77	0.78	0.80	0.82	0.85	0.88	0.90	0.92	0.95
Indonesia											
Production	13.62	14.17	14.41	14.51	14.52	14.82	15.11	15.38	15.64	15.92	16.20
Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic use	12.98	13.10	13.37	13.49	13.55	13.80	14.01	14.16	14.29	14.41	14.54
Exports	0.61	0.98	1.00	1.01	0.96	1.00	1.08	1.20	1.34	1.50	1.65
Ending stocks	0.42	0.51	0.55	0.56	0.57	0.59	0.62	0.63	0.65	0.66	0.67
Malaysia											
Production	1.28	1.31	1.42	1.53	1.62	1.70	1.74	1.76	1.78	1.81	1.84
Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic use	0.96	0.99	1.02	1.05	1.08	1.11	1.14	1.16	1.19	1.22	1.24
Exports	0.33	0.27	0.36	0.45	0.53	0.57	0.58	0.58	0.58	0.58	0.58
Ending stocks	0.23	0.28	0.32	0.35	0.36	0.38	0.41	0.43	0.44	0.46	0.48
United States											
Production	15.46	15.42	15.72	16.01	16.87	17.46	17.89	18.41	18.73	19.05	19.46
Imports	2.96	2.88	2.40	2.22	2.15	2.11	2.09	2.09	2.13	2.18	2.24
Domestic use	17.24	17.53	17.45	17.57	18.35	18.89	19.30	19.82	20.17	20.56	21.02
Exports	1.05	0.76	0.65	0.65	0.66	0.67	0.67	0.67	0.67	0.67	0.67
Ending stocks	0.59	0.61	0.62	0.62	0.63	0.64	0.65	0.66	0.66	0.67	0.67
Rest of world											
Production	8.92	9.62	9.94	10.23	10.53	10.79	11.04	11.29	11.54	11.79	12.03
Imports	1.03	1.04	1.15	0.99	0.93	0.95	1.00	1.05	1.11	1.17	1.24
Domestic use	5.31	5.74	6.12	6.24	6.42	6.65	6.88	7.14	7.39	7.65	7.91
Exports	4.83	4.88	4.93	4.98	5.03	5.08	5.13	5.18	5.23	5.28	5.34
Ending stocks	0.60	0.63	0.67	0.68	0.69	0.72	0.74	0.76	0.79	0.81	0.83