



ANNEX for EU

This chapter presents balance sheets of key EU agricultural markets covered in this report. In addition, also balance sheets of peaches and nectarines and tomatoes are included. The balance sheets refer to six calendar years for meat and dairy, seven marketing years for crops and selected fruit and vegetables (except wine, olive oil, peaches and nectarines and tomatoes). Starting and ending months of marketing years are indicated under respective tables. The 5-year average is an olympic average in all tables.

The balance sheets are based on analyses of economic analysts and market experts in DG Agriculture and Rural development. They are based on market information and data available until 15 March 2023.

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TABLE 1.1 EU total cereals balance sheet (million tonnes)

	EU							% variation			
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23e	2023/24f	22/21	2022 vs 5-yr. av.	23/22	2023 vs 5-yr. av.
Area (1 000 ha)	51 998	51 914	53 242	51 803	52 080	51 047	51 633	-2.0	-1.8	1.1	-0.6
Yield (t/ha)	5.5	5.2	5.6	5.5	5.7	5.2	5.6	-7.4	-4.7	7.2	3.6
Beginning stocks	31.0	39.7	39.7	42.8	41.0	47.3	48.4	15.3	17.8	2.4	17.6
Gross production	285.0	271.3	297.1	282.8	295.2	267.9	290.4	-9.2	-6.9	8.4	2.6
Usable production	282.5	269.0	294.5	280.3	292.6	265.6	287.9	-9.2	-6.9	8.4	2.6
Imports	25.0	30.2	25.8	21.1	22.3	35.1	26.3	57.3	43.8	-24.9	0.9
Availability	338.5	338.8	360.0	344.2	355.9	347.9	362.6	-2.2	0.5	4.2	3.8
Domestic use	260.9	261.1	260.3	258.6	259.0	253.7	254.2	-2.0	-2.4	0.2	-2.0
- Human	59.0	58.9	58.5	58.4	58.8	59.3	59.6	0.8	0.9	0.5	1.4
- Seed	9.3	9.1	9.1	9.0	9.0	9.0	9.0	0.0	-0.8	0.0	-0.4
- Industrial	31.0	30.6	29.6	28.7	30.3	29.2	29.2	-3.6	-3.2	0.0	-1.7
o.w. bioethanol/biofuel	11.9	12.2	11.4	11.0	11.9	10.8	11.0	-9.3	-8.1	1.9	-3.8
- Animal feed	161.6	162.5	163.0	162.5	160.9	156.3	156.5	-2.9	-3.7	0.1	-3.4
Losses (excl. on-farm)	2.2	2.2	1.8	1.7	1.8	1.6	1.7	-9.2	-16.6	8.4	-0.4
Exports	35.7	35.9	55.1	42.9	47.9	44.2	47.9	-7.7	4.7	8.3	6.4
Total use	298.8	299.2	317.2	303.2	308.7	299.5	303.8	-3.0	-1.4	1.4	0.0
Ending stocks	39.7	39.7	42.8	41.0	47.3	48.4	58.8	2.4	17.6	21.5	34.6
- Market	39.7	39.7	42.8	41.0	47.3	48.4	58.8	2.4	17.6	21.5	34.6
- Intervention	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Self-sufficiency rate (%)	108	103	113	108	113	105	113	-7.4	-4.7	8.2	4.2

Note 1: the cereals marketing year is July-June.

Note 2: Area and yield (of cereals) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006).

Note 3: before 2012/2013 Croatia is not included in EU figures.

TABLE 1.2 EU soft wheat balance sheet (million tonnes)

	EU							% variation			
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23e	2023/24f	22/21	2022 vs 5-yr. av.	23/22	2023 vs 5-yr. av.
Area (1 000 ha)	21 594	21 271	22 068	20 657	21 816	21 894	21 980	0.4	1.5	0.4	1.5
Yield (t/ha)	5.9	5.4	6.0	5.8	6.0	5.8	6.0	-2.7	-1.5	3.5	2.8
Beginning stocks	8.5	15.2	9.4	9.6	8.7	15.4	18.1	77.9	67.2	17.5	58.7
Gross production	128.3	115.8	132.2	119.0	130.0	126.9	131.9	-2.4	0.9	3.9	5.3
Usable production	127.3	114.8	131.1	118.1	129.0	126.0	130.9	-2.4	0.9	3.9	5.3
Imports	4.1	4.0	2.7	2.0	2.8	7.5	4.0	166.3	136.5	-46.7	26.1
Availability	139.9	134.1	143.3	129.7	140.5	148.9	153.0	6.0	7.8	2.8	9.9
Domestic use	101.4	101.4	96.0	92.9	95.0	98.0	98.3	3.1	0.5	0.3	2.0
- Human	41.5	41.6	41.2	41.0	41.2	41.6	41.8	0.9	0.7	0.5	1.1
- Seed	4.6	4.6	4.6	4.6	4.6	4.6	4.6	0.0	0.0	0.0	0.0
- Industrial	10.2	10.3	9.7	9.1	9.4	8.8	8.8	-6.4	-10.0	0.0	-6.4
o.w. bioethanol/biofuel	4.2	4.3	3.7	3.1	3.4	2.8	3.0	-17.6	-25.9	7.1	-12.1
- Animal feed	45.1	44.8	40.5	38.2	39.8	43.0	43.1	8.0	3.1	0.2	4.9
Losses (excl. on-farm)	0.9	0.9	0.8	0.7	0.8	0.8	0.8	-2.4	-7.9	3.9	1.7
Exports	22.4	22.4	36.9	27.4	29.3	32.0	32.0	9.4	21.4	0.0	8.3
Total use	124.7	124.7	133.7	121.0	125.1	130.8	131.1	4.5	4.8	0.2	3.4
Ending stocks	15.2	9.4	9.6	8.7	15.4	18.1	21.9	17.5	58.7	21.0	91.2
- Market	15.2	9.4	9.6	8.7	15.4	18.1	21.9	17.5	58.7	21.0	91.2
- Intervention	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Self-sufficiency rate (%)	126	113	137	127	136	129	133	-5.3	-0.7	3.6	2.1

Note 1: the soft wheat marketing year is July-June.

Note 2: Area and yield (of soft wheat) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006).

Note 3: before 2012/2013 Croatia is not included in EU figures.

TABLE 1.3 EU durum wheat balance sheet (million tonnes)

	2017/18	2018/19	2019/20	EU				% variation			
				2020/21	2021/22	2022/23e	2023/24f	22/21	2022 vs 5-yr. av.	23/22	2023 vs 5-yr. av.
Area (1 000 ha)	2 545	2 481	2 145	2 111	2 213	2 192	2 133	-1.0	-3.8	-2.7	-2.3
Yield (t/ha)	3.5	3.5	3.5	3.5	3.6	3.3	3.5	-10.6	-7.2	8.4	0.7
Beginning stocks	2.9	2.5	2.3	1.7	2.2	1.2	0.5	-44.1	-47.7	-59.6	-76.2
Gross production	8.8	8.8	7.5	7.4	8.1	7.1	7.5	-11.4	-11.8	5.5	-1.5
Usable production	8.7	8.7	7.4	7.3	8.0	7.1	7.5	-11.4	-11.8	5.5	-1.5
Imports	1.6	1.4	2.4	2.9	1.4	2.3	2.3	68.5	26.3	0.0	12.3
Availability	13.3	12.7	12.1	12.0	11.5	10.6	10.2	-8.1	-13.5	-3.1	-13.6
Domestic use	9.4	9.3	9.0	9.0	9.1	9.1	9.2	0.6	0.1	0.4	1.3
- Human	8.0	8.0	8.1	8.1	8.1	8.2	8.2	0.6	1.1	0.5	1.3
- Seed	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.0	-0.6	0.0	0.0
- Industrial	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0
- Animal feed	0.8	0.8	0.4	0.4	0.5	0.5	0.5	0.0	-11.8	0.0	7.1
Losses (excl. on-farm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-11.4	-0.9	5.5	2.6
Exports	1.3	1.0	1.3	0.8	1.2	0.9	0.9	-22.0	-21.7	0.0	-12.0
Total use	10.7	10.4	10.3	9.8	10.3	10.1	10.1	-2.0	-2.4	0.4	-1.0
Ending stocks	2.5	2.3	1.7	2.2	1.2	0.5	0.1	-59.6	-76.2	-76.2	-93.2
- Market	2.5	2.3	1.7	2.2	1.2	0.5	0.1	-59.6	-76.2	-76.2	-93.2
Self-sufficiency rate (%)	93	93	83	82	88	77	81	-11.9	-11.9	5.1	-3.4

Note 1: the durum wheat marketing year is July-June.

Note 2: Area and yield (of durum wheat) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006).

Note 3: before 2012/2013 Croatia is not included in EU figures.

TABLE 1.4 EU barley balance sheet (million tonnes)

	2017/18	2018/19	2019/20	EU				% variation			
				2020/21	2021/22	2022/23e	2023/24f	22/21	2022 vs 5-yr. av.	23/22	2023 vs 5-yr. av.
Area (1 000 ha)	10 863	11 145	11 139	11 017	10 269	10 323	10 760	0.5	-6.2	4.2	-0.6
Yield (t/ha)	4.8	4.5	5.0	4.9	5.1	5.0	5.1	-0.4	2.9	1.0	1.9
Beginning stocks	2.2	0.3	2.0	4.4	4.6	4.1	6.3	-10.7	41.2	54.4	79.9
Gross production	51.6	49.9	55.5	54.4	51.9	52.0	54.7	0.1	-1.3	5.2	3.7
Usable production	51.2	49.5	55.0	53.9	51.4	51.5	54.2	0.1	-1.3	5.2	3.7
Imports	1.4	0.9	1.9	1.2	1.1	1.7	1.5	59.4	35.6	-11.8	12.1
Availability	54.9	50.8	58.9	59.6	57.1	57.3	62.0	0.4	0.6	8.2	7.3
Domestic use	45.3	40.5	43.7	44.1	42.2	41.7	41.7	-1.2	-3.8	0.0	-2.0
- Human	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.9	0.5	1.3
- Seed	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.0	0.0	0.0	0.0
- Industrial	7.2	6.7	6.7	6.0	6.7	6.7	6.7	0.0	0.0	0.0	0.0
o.w. bioethanol/biofuel	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0
- Animal feed	35.6	31.3	34.5	35.6	33.0	32.5	32.5	-1.5	-5.4	0.0	-2.5
Losses (excl. on-farm)	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.1	-12.0	5.2	1.3
Exports	8.9	7.9	10.5	10.6	10.5	9.0	10.0	-14.3	-9.6	11.2	0.0
Total use	54.5	48.8	54.5	55.0	53.0	51.0	52.0	-3.8	-5.6	2.0	-1.6
Ending stocks	0.3	2.0	4.4	4.6	4.1	6.3	10.0	54.4	79.9	58.7	129.7
- Market	0.3	2.0	4.4	4.6	4.1	6.3	10.0	54.4	79.9	58.7	129.7
- Intervention	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Self-sufficiency rate (%)	113	122	126	122	122	124	130	1.3	1.1	5.2	6.0

Note 1: the barley marketing year is July-June.

Note 2: Area and yield (of barley) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006).

Note 3: before 2012/2013 Croatia is not included in EU figures.

TABLE 1.5 EU maize balance sheet (million tonnes)

	EU							% variation			
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23e	2023/24f	22/21	2022 vs 5-yr. av.	23/22	2023 vs 5-yr. av.
Area (1 000 ha)	8 267	8 252	8 911	9 215	9 247	8 853	8 522	-4.3	0.6	-3.7	-5.2
Yield (t/ha)	7.9	8.4	7.9	7.3	7.9	5.9	7.7	-25.7	-25.3	29.7	-0.8
Beginning stocks	13.6	18.8	23.8	21.8	19.5	20.4	18.6	4.4	1.5	-8.9	-9.8
Gross production	65.0	69.3	70.4	67.4	73.5	52.3	65.3	-28.9	-24.3	24.9	-5.5
Usable production	64.8	69.0	70.1	67.1	73.2	52.1	65.0	-28.9	-24.3	24.9	-5.5
Imports	17.2	22.6	18.5	14.5	16.3	23.0	18.0	41.0	32.8	-21.7	-5.8
Availability	95.6	110.4	112.4	103.5	109.0	95.4	101.5	-12.5	-11.4	6.4	-5.7
Domestic use	73.4	81.8	84.3	79.9	81.6	74.5	74.7	-8.7	-8.1	0.2	-7.9
- Human	4.7	4.7	4.7	4.7	4.7	4.7	4.8	0.6	1.1	0.5	1.3
- Seed	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0
- Industrial	11.2	11.5	11.1	11.3	11.9	11.4	11.4	-4.2	0.6	0.0	0.0
o.w. bioethanol/biofuel	6.0	6.4	6.2	6.2	6.8	6.3	6.3	-7.4	0.7	0.0	-0.1
- Animal feed	57.1	65.2	68.1	63.5	64.6	58.0	58.1	-10.2	-10.0	0.2	-9.8
Losses (excl. on-farm)	0.6	0.6	0.4	0.4	0.4	0.3	0.4	-28.9	-35.8	24.9	-7.3
Exports	2.8	4.2	5.9	3.7	6.6	2.0	4.6	-69.5	-56.4	129.2	0.0
Total use	76.8	86.6	90.6	84.0	88.6	76.9	79.6	-13.3	-11.0	3.6	-7.8
Ending stocks	18.8	23.8	21.8	19.5	20.4	18.6	21.9	-8.9	-9.8	18.1	6.5
- Market	18.8	23.8	21.8	19.5	20.4	18.6	21.9	-8.9	-9.8	18.1	6.5
- Intervention	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Self-sufficiency rate (%)	88	84	83	84	90	70	87	-22.1	-18.4	24.7	3.8

Note 1: the maize marketing year is July-June.

Note 2: Area and yield (of maize) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006).

Note 3: before 2012/2013 Croatia is not included in EU figures.

TABLE 1.6 EU rye balance sheet (million tonnes)

	EU							% variation			
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23e	2023/24f	22/21	2022 vs 5-yr. av.	23/22	2023 vs 5-yr. av.
Area (1 000 ha)	1 913	1 909	2 191	2 071	1 916	1 741	1 821	-9.2	-11.5	4.6	-7.4
Yield (t/ha)	3.8	3.2	3.9	4.3	4.1	4.3	4.3	3.0	8.3	0.4	4.8
Beginning stocks	0.2	0.3	0.2	0.9	1.0	1.3	1.0	38.2	172.1	-23.6	39.8
Gross production	7.3	6.2	8.5	8.9	7.9	7.4	7.8	-6.5	-5.9	5.0	-1.7
Usable production	7.1	6.0	8.3	8.7	7.8	7.3	7.6	-6.5	-5.9	5.0	-1.7
Imports	0.1	0.3	0.0	0.1	0.3	0.1	0.2	-47.0	0.0	17.4	0.0
Availability	7.4	6.6	8.5	9.7	9.0	8.7	8.8	-2.9	5.2	0.9	0.7
Domestic use	6.9	6.1	7.3	8.6	7.4	7.5	7.5	1.0	4.4	0.2	1.7
- Human	3.0	3.0	3.0	3.0	3.0	3.1	3.1	0.8	2.0	0.5	2.3
- Seed	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.0	-17.4	0.0	-9.6
- Industrial	1.7	1.3	1.3	1.5	1.5	1.5	1.5	0.0	4.7	0.0	4.7
o.w. bioethanol/biofuel	1.0	0.7	0.7	0.9	0.9	0.9	0.9	0.0	8.0	0.0	8.0
- Animal feed	1.8	1.4	2.6	3.8	2.6	2.7	2.7	2.0	14.0	0.0	1.6
Losses (excl. on-farm)	0.1	0.1	0.0	0.1	0.0	0.0	0.0	-6.5	-23.9	5.0	-7.6
Exports	0.1	0.2	0.3	0.2	0.2	0.2	0.2	-14.2	-20.6	25.9	0.0
Total use	7.1	6.4	7.6	8.8	7.7	7.7	7.8	0.6	3.6	0.7	1.4
Ending stocks	0.3	0.2	0.9	1.0	1.3	1.0	1.0	-23.6	39.8	2.4	7.5
- Market	0.3	0.2	0.9	1.0	1.3	1.0	1.0	-23.6	39.8	2.4	7.5
- Intervention	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Self-sufficiency rate (%)	104	99	114	102	104	97	101	-7.4	-6.5	4.8	-0.5

Note 1: the rye marketing year is July-June.

Note 2: Area and yield (of rye) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006).

Note 3: before 2012/2013 Croatia is not included in EU figures.

TABLE 1.7 EU sorghum balance sheet (million tonnes)

	2017/18	2018/19	2019/20	EU				% variation			
				2020/21	2021/22	2022/23e	2023/24f	22/21	2022 vs 5-yr. av.	23/22	2023 vs 5-yr. av.
Area (1 000 ha)	135	148	190	217	152	134	164	-12.2	-18.1	22.5	0.4
Yield (t/ha)	5.3	5.6	5.3	5.2	5.4	4.2	4.9	-22.7	-22.3	18.5	-7.2
Beginning stocks	0.4	0.7	1.4	1.8	1.3	1.1	0.6	-13.2	-1.9	-45.1	-51.9
Gross production	0.7	0.8	1.0	1.1	0.8	0.6	0.8	-32.1	-37.5	45.1	-9.3
Usable production	0.7	0.8	1.0	1.1	0.8	0.5	0.8	-32.1	-37.5	45.1	-9.3
Imports	0.4	0.8	0.1	0.0	0.2	0.1	0.1	-37.2	-54.6	13.9	0.0
Availability	1.5	2.2	2.4	2.9	2.2	1.7	1.5	-21.6	-24.9	-14.1	-35.4
Domestic use	0.8	0.8	0.6	1.6	1.1	1.1	1.1	1.8	20.4	0.1	9.7
- Human	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.8	0.9	0.5	1.3
- Seed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- Industrial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- Animal feed	0.6	0.6	0.5	1.4	0.9	0.9	0.9	2.0	25.3	0.0	11.7
Losses (excl. on-farm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-32.1	-9.1	45.1	1.2
Exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	2.9	0.0
Total use	0.8	0.9	0.7	1.6	1.1	1.1	1.1	1.7	20.1	0.2	9.6
Ending stocks	0.7	1.4	1.8	1.3	1.1	0.6	0.4	-45.1	-51.9	-40.7	-71.5
- Market	0.7	1.4	1.8	1.3	1.1	0.6	0.4	-45.1	-51.9	-40.7	-71.5
Self-sufficiency rate (%)	82	95	152	68	72	48	69	-33.3	-42.3	45.0	-11.2

Note 1: the sorghum marketing year is July-June.

Note 2: Area and yield (of sorghum) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006).

Note 3: before 2012/2013 Croatia is not included in EU figures.

TABLE 1.8 EU oats balance sheet (million tonnes)

	2017/18	2018/19	2019/20	EU				% variation			
				2020/21	2021/22	2022/23e	2023/24f	22/21	2022 vs 5-yr. av.	23/22	2023 vs 5-yr. av.
Area (1 000 ha)	2 521	2 567	2 391	2 570	2 554	2 361	2 448	-7.6	-7.3	3.7	-2.2
Yield (t/ha)	2.9	2.7	2.9	3.3	2.9	3.2	3.1	8.0	8.5	-3.2	2.0
Beginning stocks	0.3	0.3	0.2	0.4	1.3	1.3	1.3	2.3	321.6	2.6	109.7
Gross production	7.3	6.9	6.9	8.5	7.5	7.5	7.5	-0.2	2.9	0.4	2.7
Usable production	7.2	6.8	6.9	8.4	7.4	7.4	7.4	-0.2	2.9	0.4	2.7
Imports	0.0	0.0	0.1	0.0	0.2	0.2	0.1	16.2	154.9	-41.1	0.0
Availability	7.6	7.1	7.2	8.8	8.8	8.8	8.8	0.5	12.8	-0.1	7.0
Domestic use	7.0	6.8	6.5	7.4	7.3	7.4	7.4	1.7	5.2	0.1	3.5
- Human	1.2	1.0	1.0	1.1	1.1	1.1	1.1	0.6	4.4	0.5	4.9
- Seed	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0
- Industrial	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
- Animal feed	5.3	5.3	5.1	5.8	5.7	5.8	5.8	2.0	6.7	0.0	3.6
Losses (excl. on-farm)	0.1	0.1	0.0	0.1	0.0	0.0	0.0	-0.2	-19.4	0.4	-4.1
Exports	0.2	0.1	0.2	0.1	0.2	0.1	0.2	-53.1	-47.1	57.0	0.0
Total use	7.3	7.0	6.8	7.5	7.5	7.5	7.6	0.1	3.6	0.8	3.4
Ending stocks	0.3	0.2	0.4	1.3	1.3	1.3	1.3	2.6	109.7	-5.5	29.2
- Market	0.3	0.2	0.4	1.3	1.3	1.3	1.3	2.6	109.7	-5.5	29.2
Self-sufficiency rate (%)	103	100	105	114	102	100	100	-1.8	-3.3	0.3	-2.1

Note 1: the oats marketing year is July-June.

Note 2: Area and yield (of oats) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006).

Note 3: before 2012/2013 Croatia is not included in EU figures.

TABLE 1.9 EU triticale balance sheet (million tonnes)

	EU							% variation			
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23e	2023/24f	22/21	2022 vs 5-yr. av.	23/22	2023 vs 5-yr. av.
Area (1 000 ha)	2 749	2 600	2 754	2 753	2 655	2 579	2 515	-2.8	-5.1	-2.5	-5.8
Yield (t/ha)	4.2	3.8	4.1	4.5	4.4	4.4	4.4	0.5	4.3	-0.7	2.2
Beginning stocks	0.9	0.3	0.0	1.8	2.1	2.0	1.6	-5.8	99.4	-19.8	17.4
Gross production	11.6	9.8	11.2	12.3	11.7	11.4	11.0	-2.4	-1.0	-3.2	-3.4
Usable production	11.4	9.6	11.0	12.1	11.4	11.2	10.8	-2.4	-1.0	-3.2	-3.4
Imports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-50.1	0.0	14.7	0.0
Availability	12.3	9.9	11.0	13.9	13.6	13.2	12.4	-2.9	7.2	-5.7	-1.2
Domestic use	11.9	9.8	9.1	11.7	11.5	11.5	11.5	0.0	4.6	0.0	5.3
- Human	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.9	0.5	1.3
- Seed	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
- Industrial	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0
o.w. bioethanol/biofuel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- Animal feed	10.9	8.8	8.1	10.7	10.5	10.5	10.5	0.0	5.1	0.0	5.8
Losses (excl. on-farm)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-2.4	-13.1	-3.2	-6.5
Exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	9.3	0.0
Total use	12.0	9.9	9.2	11.8	11.6	11.6	11.6	0.0	4.5	0.0	5.1
Ending stocks	0.3	0.0	1.8	2.1	2.0	1.6	0.9	-19.8	17.4	-46.4	-52.3
- Market	0.3	0.0	1.8	2.1	2.0	1.6	0.9	-19.8	17.4	-46.4	-52.3
Self-sufficiency rate (%)	96	98	121	103	100	97	94	-2.4	-3.2	-3.2	-6.2

Note 1: the triticale marketing year is July-June.

Note 2: Area and yield (of triticale) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006).

Note 3: before 2012/2013 Croatia is not included in EU figures.

TABLE 1.10 EU other cereals balance sheet (million tonnes)

	EU							% variation			
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23e	2023/24f	22/21	2022 vs 5-yr. av.	23/22	2023 vs 5-yr. av.
Area (1 000 ha)	1 412	1 541	1 454	1 191	1 258	970	1 291	-22.9	-29.4	33.0	-0.8
Yield (t/ha)	2.9	2.5	2.7	3.1	3.0	2.8	3.0	-6.5	-1.5	5.3	4.9
Beginning stocks	1.9	1.2	0.3	0.4	0.5	0.5	0.4	2.7	-27.6	-13.3	-7.0
Gross production	4.2	3.9	3.9	3.7	3.8	2.8	3.9	-27.9	-28.6	40.1	2.1
Usable production	4.0	3.7	3.7	3.5	3.7	2.6	3.7	-27.9	-28.6	40.1	2.1
Imports	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.5	0.0	0.1	0.0
Availability	6.0	5.0	4.2	4.1	4.3	3.3	4.3	-23.4	-26.7	30.1	2.0
Domestic use	4.8	4.6	3.8	3.6	3.8	2.8	2.8	-24.8	-30.0	0.0	-23.5
- Human	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	0.5	1.3
- Seed	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	-3.6	0.0	0.0
- Industrial	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.0	15.6	0.0	0.0
- Animal feed	4.4	4.2	3.3	3.1	3.3	2.4	2.4	-28.3	-34.1	0.0	-26.8
Losses (excl. on-farm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-27.9	-43.7	40.1	1.8
Exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.0	0.0	1.5	0.0
Total use	4.9	4.7	3.8	3.6	3.8	2.9	2.9	-24.7	-29.9	0.2	-23.2
Ending stocks	1.2	0.3	0.4	0.5	0.5	0.4	1.4	-13.3	-7.0	228.7	220.9
- Market	1.2	0.3	0.4	0.5	0.5	0.4	1.4	-13.3	-7.0	228.7	220.9
Self-sufficiency rate (%)	83	80	99	98	97	93	131	-4.1	0.5	40.1	35.7

Note 1: the other cereals marketing year is July-June.

Note 2: Area and yield (of other cereals) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006).

Note 3: before 2012/2013 Croatia is not included in EU figures.

TABLE 1.11 EU oilseeds balance sheet (million tonnes)

	EU							% variation			
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23e	2023/24f	22/21	2022 vs 5-yr. av.	23/22	2023 vs 5-yr. av.
Area (1 000 ha)	11 460	11 299	10 364	10 662	10 633	12 135	11 823	14.1	11.7	-2.6	8.8
Rapeseed	6 186	6 318	5 119	5 323	5 325	5 878	6 013	10.4	4.8	2.3	9.2
Soya beans	962	955	908	943	940	1 103	1 006	17.4	16.6	-8.8	6.4
Sunflower	4 312	4 026	4 338	4 397	4 369	5 154	4 804	18.0	18.8	-6.8	10.0
Yield (t/ha)	2.9	2.7	2.7	2.7	2.8	2.6	2.8	-8.8	-6.7	9.9	4.8
Rapeseed	3.2	2.8	3.0	3.1	3.3	3.3	3.3	0.4	7.0	-1.2	4.4
Soya beans	2.8	3.0	3.0	2.8	2.8	2.2	2.8	-21.5	-21.9	26.6	-1.1
Sunflower	2.4	2.5	2.4	2.0	2.2	1.8	2.3	-19.6	-23.2	26.4	2.4
Production	32.9	30.8	28.4	28.3	30.1	31.3	33.5	4.1	5.2	7.1	12.7
Rapeseed	19.9	18.0	15.4	16.7	17.1	19.6	19.8	14.8	13.6	1.0	14.7
Soya beans	2.7	2.8	2.7	2.6	2.6	2.5	2.9	-6.8	-8.2	15.5	6.8
Sunflower	10.4	10.0	10.2	9.0	10.4	9.2	10.9	-10.8	-9.3	17.8	10.9
Domestic use	48.3	49.2	49.9	50.6	50.1	52.5	53.2	4.8	5.6	1.2	6.0
Rapeseed	22.9	22.1	21.6	23.3	22.2	25.3	24.8	13.9	12.9	-1.8	10.2
<i>of which crushing</i>	22.1	21.3	20.9	22.6	21.5	24.5	24.1	14.0	13.3	-1.7	10.5
Soya beans	15.2	17.2	17.7	17.8	17.0	16.2	16.5	-4.5	-6.2	2.0	-4.4
<i>of which crushing</i>	13.4	15.2	15.6	15.7	14.9	14.2	14.4	-4.7	-7.0	1.7	-5.4
Sunflower	10.2	9.9	10.6	9.4	10.9	11.0	11.8	0.9	7.8	7.2	12.9
<i>of which crushing</i>	9.1	8.8	9.3	8.4	9.7	9.8	10.5	1.0	8.0	7.3	13.4
Imports	18.2	19.3	21.8	21.6	21.4	22.4	21.3	4.5	7.8	-4.8	-1.4
Rapeseed	4.2	4.3	6.1	5.8	5.6	6.2	5.8	11.3	18.5	-6.2	0.0
Soya beans	13.5	14.4	14.7	15.0	14.7	14.0	14.0	-4.8	-4.3	0.2	-4.1
Sunflower	0.6	0.5	1.0	0.8	1.1	2.2	1.5	91.5	180.8	-32.8	51.1
Exports	1.3	1.1	1.1	1.0	1.1	1.2	1.2	3.6	3.7	4.2	8.1
Rapeseed	0.3	0.3	0.3	0.2	0.4	0.5	0.5	14.9	63.6	-11.2	28.0
Soya beans	0.3	0.2	0.2	0.2	0.3	0.2	0.2	-10.7	0.0	-4.0	0.0
Sunflower	0.7	0.6	0.6	0.7	0.4	0.4	0.5	0.5	-33.6	28.7	0.0
Ending stocks	5.1	4.9	4.0	2.3	2.6	2.6	3.0	0.0	-32.8	17.3	-1.1
Rapeseed	2.1	2.0	1.5	0.5	0.5	0.5	0.8	0.0	-62.5	66.7	0.0
Soya beans	2.1	2.0	1.5	1.1	1.2	1.2	1.3	0.0	-23.2	8.3	0.0
Sunflower	0.9	0.9	1.0	0.7	0.9	0.9	0.9	0.0	-3.8	1.3	0.0
<i>Self-sufficiency rate (%)</i>	<i>68</i>	<i>63</i>	<i>57</i>	<i>56</i>	<i>60</i>	<i>60</i>	<i>63</i>				

Note 1: the oilseeds marketing year is July-June.

Note 2: Area and yield (of oilseeds) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006).

TABLE 1.12 EU oilmeals balance sheet (million tonnes)

	2017/18	2018/19	2019/20	EU				% variation			
				2020/21	2021/22e	2022/23f	2023/24f	22/21	2022 vs 5-yr. av.	23/22	2023 vs 5-yr. av.
Production	28.1	29.0	29.3	29.8	29.3	30.5	30.9	4.1	4.5	1.1	4.7
Rapeseed	12.6	12.1	11.9	12.9	12.2	14.0	13.7	14.0	13.3	-1.7	10.5
Soya beans	10.6	12.0	12.3	12.4	11.7	11.2	11.4	-4.7	-7.0	1.7	-5.4
Sunflower	5.0	4.9	5.1	4.6	5.3	5.4	5.8	1.0	8.0	7.3	13.4
Domestic use	47.5	47.7	47.6	47.4	46.6	47.1	47.0	1.1	-0.9	-0.1	-0.7
Rapeseed	12.4	12.2	11.8	12.6	12.1	13.9	13.6	15.1	13.9	-2.4	10.6
Soya beans	27.2	27.9	28.3	28.2	27.6	26.4	26.6	-4.4	-5.2	0.6	-4.6
Sunflower	7.9	7.6	7.5	6.7	6.8	6.7	6.8	-1.6	-8.4	1.7	-2.9
Imports	21.2	20.3	20.3	19.7	19.6	18.7	18.5	-4.6	-7.0	-1.0	-6.8
Rapeseed	0.4	0.6	0.5	0.5	0.6	0.6	0.5	4.2	19.5	-10.2	0.0
Soya beans	17.4	16.5	16.8	16.6	16.7	16.0	16.0	-4.0	-4.1	0.0	-3.6
Sunflower	3.5	3.2	3.0	2.7	2.4	2.1	2.0	-11.5	-29.5	-5.3	-26.0
Exports	1.8	1.7	2.0	2.1	2.4	2.2	2.4	-8.7	8.6	9.6	12.5
Rapeseed	0.5	0.5	0.6	0.8	0.7	0.6	0.6	-12.2	0.0	4.6	0.0
Soya beans	0.7	0.7	0.8	0.8	0.8	0.8	0.8	-1.3	0.0	1.3	0.0
Sunflower	0.6	0.5	0.6	0.6	0.9	0.8	1.0	-12.3	35.1	21.3	44.7
Ending stocks	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.0	0.0	0.0
Rapeseed	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Soya beans	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.0	0.0	0.0
Sunflower	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
<i>Self-sufficiency rate (%)</i>	<i>59</i>	<i>61</i>	<i>62</i>	<i>63</i>	<i>63</i>	<i>65</i>	<i>66</i>				

Note: the oilmeals marketing year is July-June.

TABLE 1.13 EU vegetable oils balance sheet (million tonnes)

	2017/18	2018/19	2019/20	EU				% variation			
				2020/21	2021/22e	2022/23f	2023/24f	22/21	2022 vs 5-yr. av.	23/22	2023 vs 5-yr. av.
Production	15.5	15.5	15.6	15.9	15.9	17.0	17.2	7.1	8.5	1.0	8.8
Rapeseed	9.0	8.7	8.6	9.2	8.8	10.0	9.9	14.0	13.3	-1.7	10.5
Soya beans	2.7	3.0	3.1	3.1	3.0	2.8	2.9	-4.7	-7.0	1.7	-5.4
Sunflower	3.8	3.7	3.9	3.5	4.1	4.1	4.4	1.0	8.0	7.3	13.4
Palm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Domestic use	22.3	22.9	23.7	22.1	22.2	20.9	20.9	-6.0	-7.1	0.1	-6.8
Rapeseed	9.0	9.0	8.7	8.8	9.1	9.9	9.9	9.5	11.0	-0.1	10.6
Soya beans	1.9	2.4	2.7	2.6	2.5	2.5	2.4	0.2	-0.8	-4.4	-6.1
Sunflower	4.7	4.7	5.5	4.5	5.3	4.8	5.3	-9.9	-2.0	9.5	6.5
Palm	6.6	6.8	6.9	6.2	5.3	3.6	3.3	-31.4	-44.6	-8.7	-45.7
Imports	9.1	9.7	10.4	8.8	8.6	6.4	6.2	-25.5	-30.2	-2.6	-30.9
Rapeseed	0.3	0.5	0.5	0.3	0.6	0.4	0.5	-28.1	0.0	8.7	0.0
Soya beans	0.3	0.4	0.5	0.5	0.5	0.5	0.5	-12.5	1.0	2.7	0.0
Sunflower	1.6	1.7	2.3	1.7	2.0	1.7	1.8	-16.8	-6.3	6.9	0.0
Palm	6.9	7.1	7.1	6.3	5.5	3.8	3.5	-29.7	-43.3	-8.7	-44.3
Exports	2.3	2.3	2.3	2.6	2.3	2.5	2.5	11.6	11.0	-0.4	6.9
Rapeseed	0.3	0.3	0.4	0.7	0.3	0.5	0.4	61.4	58.2	-23.4	0.0
Soya beans	1.0	1.0	0.9	1.0	1.0	0.8	1.0	-20.8	-20.1	21.1	0.0
Sunflower	0.7	0.7	0.8	0.7	0.8	1.0	1.0	29.7	33.7	-3.7	26.2
Palm	0.3	0.2	0.2	0.1	0.2	0.2	0.2	22.9	0.6	-7.8	0.0
Ending stocks	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0
Rapeseed	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0
Soya beans	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0
Sunflower	0.3	0.3	0.3	0.3	0.3	0.3	0.3	-0.1	0.0	0.1	0.0
Palm	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.0	0.0	0.0
<i>Self-sufficiency rate (%)</i>	<i>70</i>	<i>68</i>	<i>66</i>	<i>72</i>	<i>72</i>	<i>81</i>	<i>82</i>				

Note: the vegetable oils marketing year is July-June.

TABLE 1.14 EU protein crops balance sheet (million tonnes)

	EU							% variation			
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23e	2023/24f	22/21	2022 vs 5-yr. av.	23/22	2023 vs 5-yr. av.
Area (1 000 ha)	2350.23	2172.09	1990.26	2102.88	2120.37	2119.16	2155.09	-0.1	-0.6	1.7	1.9
Field peas	985.80	829.15	785.58	816.21	777.34	768.74	816.03	-1.1	-5.1	6.2	2.9
Broad beans	495.82	469.39	408.89	447.37	473.66	437.70	464.40	-7.6	-5.6	6.1	2.9
Lupins	165.30	150.29	173.75	226.17	204.52	214.25	205.20	4.8	18.2	-4.2	3.9
other dry pulses	703.31	723.26	622.04	613.13	664.85	698.47	669.46	5.1	5.3	-4.2	1.2
Yield (t/ha)	2.10	1.73	1.85	2.02	1.90	1.86	1.98	-2.3	-3.4	6.7	6.0
Field peas	2.64	2.29	2.56	2.44	2.63	2.40	2.58	-8.5	-5.4	7.4	4.6
Broad beans	2.79	2.12	2.53	2.80	2.50	2.65	2.70	5.7	1.6	1.9	5.4
Lupins	1.59	1.24	1.23	1.51	1.26	1.34	1.33	5.9	-0.1	-0.5	4.0
other dry pulses	0.96	0.94	0.68	1.07	1.12	0.92	0.95	-18.0	-7.1	3.9	-2.2
Production	5 185	4 075	3 966	4 496	4 342	4 224	4 561	-2.7	-1.9	8.0	8.3
Field peas	2 606	1 895	2 012	1 990	1 837	1 848	2 106	0.6	-6.0	14.0	10.2
Broad beans	1 383	997	1 033	1 255	1 126	1 159	1 253	2.9	1.9	8.1	13.3
Lupins	264	186	215	342	321	286	273	-10.9	7.5	-4.7	-0.4
Lentils	88	114	110	116	132	113	114	-13.9	0.0	0.9	0.0
Chickpeas	172	205	173	137	181	175	176	-3.2	0.0	0.6	0.0
other dry pulses	672	678	423	655	744	641	638	-13.8	-4.1	-0.4	-3.0
Domestic use	5 584	5 144	4 840	5 476	5 443	5 220	5 530	-4.1	-2.5	5.9	5.0
Field peas	2 355	2 339	2 170	2 336	2 174	2 025	2 388	-6.9	-11.3	18.0	7.3
Broad beans	1 194	743	885	1 008	1 029	1 008	1 059	-2.0	3.5	5.1	9.6
Lentils	465	408	383	526	524	594	476	13.4	27.5	-19.9	-2.1
Lupins	292	304	329	327	323	324	318	0.2	1.8	-1.7	-1.9
Chickpeas	266	334	300	247	276	294	294	6.7	4.9	0.1	1.5
other dry pulses	1 012	1 016	774	1 033	1 117	975	994	-12.7	-4.4	1.9	-1.4
Imports	1 426	1 680	1 424	1 582	1 608	1 604	1 545	-0.3	4.2	-3.6	-3.3
Field peas	417	666	385	574	552	368	504	-33.3	-28.4	36.9	0.0
Broad beans	109	78	113	82	145	234	114	60.7	130.1	-51.4	0.0
Lentils	202	222	169	184	203	308	203	51.7	56.9	-34.1	0.0
Lupins	209	196	227	218	198	215	210	8.8	3.4	-2.3	0.0
Chickpeas	126	153	154	126	106	127	135	19.7	-6.2	6.7	0.0
other dry pulses	362	366	376	398	404	352	380	-12.8	-7.3	7.9	0.0
Exports	1 026	611	550	601	507	607	577	19.8	3.4	-5.0	-1.6
Field peas	668	222	227	228	215	192	221	-10.9	-15.0	15.5	0.0
Broad beans	298	331	262	329	243	385	307	58.4	29.9	-20.1	0.0
Lentils	0	0	0	0	0	0	0	-48.4	-31.3	45.5	0.0
Lupins	6	5	8	7	6	5	6	-24.4	-24.6	30.4	0.0
Chickpeas	33	24	28	16	11	8	17	-30.1	-65.0	118.0	0.0
other dry pulses	22	28	25	21	31	18	25	-41.3	-26.6	35.5	0.0
Self-sufficiency rate (%)	93	79	82	82	80	81	82				

Note 1: the protein crops marketing year is July-June.

Note 2: Area and yield (of protein crops) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006)

Note 3: before 2012/2013 Croatia is not included in EU figures.

TABLE 1.15 EU white sugar balance sheet (million tonnes white sugar equivalent)

	EU + UK				EU			% variation			
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23e	21/22 vs 20/21	21/22 vs 5-yr. av.	22/23 vs 21/22	22/23 vs 5-yr. av.
Area (of sugar beet) (1 000 ha)	1 498	1 756	1 736	1 641	1 472	1 494	1 430	1.5	-	-4.3	-
Yield (of sugar beet) (t/ha)	75.0	81.5	68.9	73.5	68.6	76.1	71.6	11.0	-	-5.9	-
Production (of sugar beet) (million t of beet)	112	143	120	121	101	114	102	12.7	-	-10.0	-
Beginning stocks	1.9	2.2	2.4	1.8	2.2	1.2	1.5	-44.2	-	23.9	-
White sugar production	16.8	21.3	17.6	17.5	14.5	16.6	15.0	14.3	-	-9.6	-
Imports	2.5	1.3	1.9	1.8	1.3	1.5	2.0	14.0	-	33.6	-
Availability	21.2	24.8	22.0	21.1	18.1	19.4	18.5	7.4	-	-4.6	-
Domestic use white sugar	17.7	19.0	18.5	18.0	15.9	17.0	16.6	6.9	-	-2.3	-
- Human	16.2	17.2	17.0	16.4	14.6	15.6	15.4	7.2	-	-1.8	-
<i>a.w. net exports in processed products</i>	1.0	1.0	1.1	1.0	1.8	1.9	1.8	5.1	-	-6.9	-
- Industrial	1.5	1.8	1.6	1.6	1.4	1.4	1.3	3.7	-	-8.6	-
<i>a.w. bioethanol</i>	0.8	0.9	0.8	0.8	0.6	0.7	0.6	8.3	-	-10.8	-
Exports	1.3	3.4	1.6	0.8	0.9	0.8	0.6	-6.7	-	-31.4	-
Total use	19.1	22.3	20.1	18.8	16.8	17.8	17.2	6.2	-	-3.6	-
Ending stocks	2.2	2.4	1.8	2.4	1.2	1.5	1.4	23.9	-	-10.0	-
Change in stocks	-0.3	1.1	-0.1	0.5	-0.9	0.3	-0.2				
<i>Self-sufficiency rate (%)</i>	<i>95</i>	<i>112</i>	<i>95</i>	<i>97</i>	<i>91</i>	<i>98</i>	<i>90</i>				

Note 1: the sugar marketing year is October-September.

Note 2: Area and yield (of sugar beet) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006).

TABLE 1.16 EU isoglucose balance sheet (thousand tonnes)

	EU+UK				EU			% variation			
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23e	21/22 vs 20/21	21/22 vs 5-yr. av.	22/23 vs 21/22	22/23 vs 5-yr. av.
Beginning stocks	29.0	29.0	26.6	18.0	13.5	13.0	15.0	-3.7	-	15.4	-
Production	769.7	602.0	560.7	565.8	619.9	577.4	477.8	-6.9	-	-17.2	-
Imports	14.0	10.1	5.0	3.0	3.9	2.8	2.7	-28.2	-	-3.6	-
Availability	812.7	641.2	592.3	586.8	637.3	593.2	495.5	-6.9	-	-16.5	-
Domestic use	737.5	569.5	529.2	528.6	536.1	505.3	448.0	-5.7	-	-11.3	-
Share in caloric sweetener use %	4.0	2.9	2.8	2.9	3.3	2.9	2.6	-12.1	-	-10.3	-
Exports	46.3	45.1	45.1	44.7	88.2	72.8	35.6	-17.5	-	-51.1	-
Total use	783.7	614.6	574.3	573.3	624.3	578.1	483.6	-7.4	-	-16.3	-
Ending stocks	29.0	26.6	18.0	13.5	13.0	15.1	11.9	16.2	-	-21.2	-
<i>Self-sufficiency rate (%)</i>	<i>104</i>	<i>106</i>	<i>106</i>	<i>107</i>	<i>116</i>	<i>114</i>	<i>107</i>				

Note: the isoglucose marketing year is October-September.

TABLE 1.17 EU ethanol balance sheet (billion litres)

	2016	2017	2018	EU				% variation			
				2019	2020	2021	2022	21/20	2021 vs 5-yr. av.	22/21	2022 vs 5-yr. av.
Production	5.7	6.0	5.9	6.1	6.2	7.0	7.0	13	17	0	15
Imports	0.8	0.8	0.6	1.0	1.3	1.0	1.0	-23	15	0	7
Undenatured	0.8	0.8	0.6	0.8	0.8	0.8	0.8	0	0	0	0
Denatured	0.0	0.0	0.0	0.2	0.5	0.2	0.2	-60	200	0	50
Availability	8.2	8.4	8.2	8.0	8.0	8.2	8.0	2	1	-2	-2
Domestic use	5.8	6.0	6.5	6.8	7.1	7.7	7.5	8	20	-3	10
Exports	0.7	0.7	0.7	0.7	0.6	0.6	0.4	0	-14	-33	-40
Undenatured	0.7	0.7	0.7	0.7	0.5	0.5	0.4	0	-29	-20	-37
Denatured	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0	200	-100	-100
Total use	6.5	6.8	7.3	7.5	7.7	8.2	7.9	6	14	-4	5
Change in stocks	0.0	0.0	-0.7	-0.5	-0.1	-0.3	0.1				
Self-sufficiency rate (%)	98	100	91	90	87	91	93				

TABLE 1.18 EU biodiesel balance sheet (billion litres)

	2016	2017	2018	EU				% variation			
				2019	2020	2021	2022	21/20	2021 vs 5-yr. av.	22/21	2022 vs 5-yr. av.
Production	12.9	14.3	15.0	16.0	15.6	15.4	15.1	-1	3	-1	-1
Imports	1.2	1.9	4.4	4.6	4.0	3.6	3.2	-9	5	-11	-20
Pure	0.9	1.6	4.0	4.2	3.4	3.0	2.7	-11	1	-11	-23
Blended	0.3	0.4	0.4	0.5	0.6	0.6	0.5	1	40	-11	6
Availability	14.1	16.2	19.4	20.7	19.5	19.0	18.4	-3	3	-3	-5
Domestic use	13.7	15.6	16.9	17.8	17.9	17.9	17.9	0	7	0	2
Exports	0.9	0.9	1.4	2.1	1.8	1.0	0.8	-44	-27	-22	-45
Pure	0.8	0.8	1.3	2.0	1.7	1.0	0.7	-45	-27	-22	-44
Blended	0.1	0.1	0.1	0.1	0.1	0.1	0.0	-37	-36	-30	-55
Total use	14.6	16.6	18.3	19.9	19.8	19.0	18.7	-4	4	-1	-1
Change in stocks	-0.5	-0.4	1.1	0.7	-0.3	0.0	-0.4				
Self-sufficiency rate (%)	94	91	89	90	87	86	84				

TABLE 2.1 EU olive oil balance sheet (thousand tonnes)

	2016/17	2017/18	2018/19	EU				% variation			
				2019/20	2020/21	2021/22	2022/23e	21/22 vs 20/21	21/22 vs 5-yr. av.	22/23 vs 21/22	22/23 vs 5-yr. av.
Area (of olives for oil) (1 000 ha)	4 844	4 851	4 880	4 854	4 864	4 812	4 874	-1.1	-0.9	1.3	0.4
Yield (of olives for oil) (t/ha)	2.07	2.12	2.64	2.00	2.40	2.53	1.67	5.5	15.4	-34.1	-29.0
Yield (of oil of olives) (oil/kg of olives)	0.17	0.21	0.18	0.20	0.18	0.19	0.17	6.1	1.8	-8.3	-8.4
Beginning stocks	433	322	531	784	677	617	670	-8.9	12.8	8.7	10.2
Production	1742	2188	2264	1920	2051	2272	1391	11	11	-39	-36
Imports	92	182	147	253	168	151	200	-10.2	-9.0	32.8	19.9
Exports	616	624	709	821	804	820	600	2.0	15.1	-26.8	-22.8
Availability	1651	2069	2232	2135	2092	2219	1661	6	6	-25	-23
Consumption	1 329	1 538	1 449	1 458	1 475	1 549	1 380	5.0	6.0	-10.9	-7.4
<i>ES+IT+EL+PT</i>	1 040	1 259	1 124	1 112	1 132	1 207	1 073	6.6	7.5	-11.1	-7.1
<i>rest EU</i>	289	279	324	346	343	342	308	-0.4	7.2	-10.0	-8.6
<i>Per capita consumption (kg)</i>	3.0	3.4	3.2	3.3	3.3	3.5	3.1	5.1	6.0	-11.6	-8.2
<i>ES+IT+EL+PT</i>	8.1	9.8	8.8	8.7	8.9	9.5	8.4	6.9	7.8	-11.7	-7.5
Ending stocks	322	531	784	677	617	670	281	8.7	10.2	-58.1	-57.1
<i>Self-sufficiency rate (%)</i>	131	142	156	132	139	147	101				

Note 1: the olive oil marketing year is October–September.

Note 2: Area and yield (of olives for oil) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006).

TABLE 2.2 EU wine balance sheet (million hectolitres)

	2016/17	2017/18	2018/19	EU				% variation			
				2019/20	2020/21	2021/22	2022/23e	21/22 vs 20/21	21/22 vs 5-yr. av.	22/23 vs 21/22	22/23 vs 5-yr. av.
Area (million ha)	3.2	3.2	3.2	3.2	3.2	3.2	3.1	0.5	0.2	-3.7	-3.7
Yield (hl/ha)	49.0	41.7	54.3	44.7	49.2	47.6	51.1	-3.1	0.0	7.2	8.2
Vinified production	156	134	174	144	157	153	158	-2.7	0.4	3.3	4.3
<i>of which 5 main producing MS¹</i>	142	119	157	130	143	138	144	-3.5	-0.4	4.6	5.3
<i>of which other EU MS</i>	14	15	18	14	14	15	14	5.6	4.8	-8.7	-6.8
Domestic use	125	128	129	125	130	132	131	1.8	3.6	-1.2	1.1
Human consumption	100	103	104	100	97	103	102	6.5	2.0	-1.5	-0.5
<i>Per capita consumption (l)</i>	22.4	23.2	23.4	22.3	21.6	23.0	22.5	6.6	1.8	-2.2	-1.3
<i>other use</i>	25	25	25	25	33	29	29	-12.0	16.2	-0.2	10.1
Imports	8	8	8	8	7	7	7	-8.2	-13.4	-4.3	-14.2
Exports	31	31	30	29	32	32	32	0.1	4.6	-0.5	3.0
Ending stocks	165	148	171	168	171	167	169	-2.6	-0.7	1.2	0.1
<i>Self-sufficiency rate (%)</i>	125	104	135	116	121	116	121				

¹ IT, FR, ES, DE, PT

Note 1: the wine marketing year is August–July.

Note 2: Area and yield (of wine) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006).

TABLE 2.3 EU apples balance sheet (thousand tonnes fresh equivalent)

	EU							% variation			
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23e	21/22 vs 20/21	21/22 vs 5-yr. av.	22/23 vs 21/22	22/23 vs 5-yr. av.
Area (1000 ha)	502	501	504	491	485	488	493	0.8	-1.9	0.9	-0.1
Yield (t/ha)	24	19	26	24	24	25	25	4.0	5.6	-2.1	1.6
Total production	12 112	9 595	13 333	11 585	11 834	12 400	12 251	4.8	4.7	-1.2	2.6
of which losses and feed use	730	637	710	663	669	698	686	4.4	2.6	-1.7	1.4
of which usable production	11 382	8 957	12 624	10 923	11 165	11 702	11 565	4.8	4.9	-1.2	2.7
Production (fresh)	7 914	6 004	6 794	7 147	6 402	6 400	5 804	0.0	-5.6	-9.3	-11.1
Exports (fresh)	1 690	916	1 398	1 162	1 101	1 141	1 041	3.6	-6.5	-8.8	-8.3
Imports (fresh)	308	412	361	383	327	313	320	-4.4	-12.4	2.3	-10.3
Consumption (fresh)	6 469	5 813	5 361	6 583	5 512	5 498	5 202	-0.2	-7.3	-5.4	-7.2
Per capita consumption (kg) - fresh	15	13	12	15	12	12	11.5	-0.2	-7.5	-6.1	-8.0
Ending stocks ¹	460	148	544	329	445	519	400	16.6	26.1	-22.9	-7.2
Change in stocks	62	-312	396	-215	116	74	-119				
Self-sufficiency rate (fresh) %	122	103	127	109	116	116	112				
Production (processed)	3 468	2 953	5 830	3 776	4 763	5 302	5 761	11.3	32.5	8.7	24.9
Exports (processed)	1 203	995	1 926	1 343	1 015	1 448	1 600	42.7	22.0	10.5	26.1
Imports (processed)	1 022	1 673	1 158	1 225	1 110	1 047	1 000	-5.7	-10.1	-4.5	-14.1
Consumption (processed)	3 288	3 632	5 062	3 658	4 859	4 900	5 161	0.9	21.0	5.3	15.4
Per capita consumption (kg) - processed	7	8	11	8	11	11	11.5	0.9	20.9	4.5	14.5
Self-sufficiency rate (processed) %	105	81	115	103	98	108	112				

¹ stocks by the beginning of July.

Note 1: the apple marketing year is August-July.

Note 2: Area and yield (of apples) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006)

Note 3: trade of processed apples is expressed in fresh apple equivalent. The conversion coefficients used to convert processed products into fresh apple weight rates vary between 1.3 and 6.

TABLE 2.4 EU oranges balance sheet (thousand tonnes fresh equivalent)

	EU							% variation			
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23e	21/22 vs 20/21	21/22 vs 5-yr. av.	22/23 vs 21/22	22/23 vs 5-yr. av.
Area (1000 ha)	278	274	273	272	275	275	262	-0.2	0.3	-4.7	-4.3
Yield (t/ha)	23	23	24	22	23	24	22	3.4	4.5	-8.3	-5.7
Total production	6 324	6 252	6 515	6 102	6 386	6 587	5 753	3.2	4.2	-12.7	-9.9
Production (fresh)	4 833	5 098	5 206	5 254	5 390	5 477	5 000	1.6	5.6	-8.7	-5.4
Exports (fresh)	419	443	494	417	411	403	380	-1.9	-5.6	-5.6	-10.3
Imports (fresh)	861	909	881	960	859	739	839	-14.0	-16.4	13.6	-5.0
Consumption (fresh)	5 275	5 564	5 593	5 797	5 839	5 813	5 459	-0.4	2.9	-6.1	-4.8
Per capita consumption (kg) - fresh	11.8	12.5	12.5	13.0	13.1	13.0	12.1	-0.4	2.7	-6.8	-5.6
Self-sufficiency rate (fresh) %	92	92	93	91	92	94	92				
Production (processed)	1 491	1 154	1 309	848	996	1 110	753	11.4	-3.7	-32.1	-30.7
Exports (processed)	2 008	2 189	2 151	2 253	1 506	1 166	880	-22.5	-44.9	-24.6	-54.8
Imports (processed)	4 562	4 518	4 302	4 262	3 580	3 055	3 220	-14.7	-29.9	5.4	-20.4
Consumption (processed)	4 045	3 483	3 460	2 856	3 070	2 998	3 093	-2.3	-10.2	3.2	-2.6
Per capita consumption (kg) - processed	9.1	7.8	7.8	6.4	6.9	6.7	6.9	-2.3	-10.3	2.4	-3.4
Self-sufficiency rate (processed) %	37	33	38	30	32	37	24				

Note 1: the oranges marketing year is October-September.

Note 2: Area and yield (of oranges) are reported per calendar year, and attributed to the corresponding marketing year starting in a given year (e.g. 2005 = marketing year 2005/2006);

Note 3: trade of processed oranges is estimated using conversion coefficients into fresh equivalent. Conversion coefficients used to convert processed products into fresh oranges weights vary between 0.3 and 12.

Correction: processed data for Exports, Imports, Consumption, Per capita consumption and Self-sufficiency rate (%) was corrected on 04/04/23.

PEACHES AND NECTARINES

TABLE 2.5 EU peaches and nectarines balance sheet (thousand tonnes fresh equivalent)

	EU							% variation			
	2016	2017	2018	2019	2020	2021	2022	21/20	2021 vs 5-yr. av.	22/21	2022vs 5-yr. av.
Total area (1000 ha)	225	222	215	207	201	199	201	-1.2	-7.5	1.1	-3.4
Total Yield (t/ha)	18	20	18	20	17	15	16	-11.1	-16.0	3.7	-12.3
Total production	3 986	4 362	3 838	4 049	3 491	3 064	3 212	-12.2	-22.6	4.8	-15.3
Area (1000 ha) - fresh	196	193	186	178	172	174	176	1.0	-6.2	1.2	-1.7
Yield (t/ha) - fresh	17	19	17	19	16	15	16	-9.5	-15.5	5.8	-9.5
Production (fresh)	3 312	3 622	3 115	3 330	2 809	2 568	2 751	-8.6	-21.0	7.1	-10.8
of which IT, EL, ES and FR	3 179	3 491	2 991	3 205	2 726	2 486	2 661	-8.8	-20.4	7.1	-10.5
Exports (fresh)	312	344	227	259	180	137	125	-23.9	-48.4	-8.9	-43.7
Imports (fresh)	24	19	27	24	39	43	41	10.3	70.9	-4.4	36.5
Consumption (fresh)	3 024	3 297	2 916	3 095	2 668	2 474	2 667	-7.3	-17.8	7.8	-7.8
Per capita consumption (kg) - fresh	6.8	7.4	6.5	6.9	6.0	5.5	5.9	-7.2	-18.0	7.0	-8.6
Self-sufficiency rate (fresh) %	110	110	107	108	105	104	103				
Area (1000 ha) - processed	29	29	29	29	29	25	25	-14.6	-14.9	0.0	-14.9
Yield (t/ha) - processed	24	26	25	25	24	20	19	-14.9	-16.9	-7.0	-22.7
Production (processed)	675	740	722	718	682	496	461	-27.3	-29.9	-7.0	-34.8
of which EL and ES	656	716	703	695	665	476	442	-28.5	-30.8	-7.0	-35.7
Exports (processed)	196	178	175	184	205	170	143	-16.9	-8.5	-15.8	-20.0
Imports (processed)	14	17	16	10	9	11	15	18.1	-15.3	37.3	26.0
Consumption (processed)	493	579	563	544	486	337	333	-30.7	-36.8	-1.1	-37.3
Per capita consumption (kg) - processed	1.1	1.3	1.3	1.2	1.1	0.8	0.7	-30.7	-37.0	-1.8	-37.8
Self-sufficiency rate (processed) %	137	128	128	132	140	147	138				

Note 1: the peaches and nectarines marketing year is January-December (calendar year).

Note 2: trade of processed peaches is expressed in fresh peach equivalent. The conversion coefficient is 1 for all processed products, but 6 for dried peaches and nectarines.

TOMATOES

TABLE 2.6 EU tomatoes balance sheet (thousand tonnes fresh equivalent)

	EU							% variation			
	2016	2017	2018	2019	2020	2021	2022	21/20	2021 vs 5-yr. av.	22/21	2022vs 5-yr. av.
Total production	18 198	18 264	16 667	17 277	16 888	18 741	16 500	11.0	8.5	-12.0	-5.1
Production (fresh)	7 458	7 159	7 173	6 934	6 894	6 925	6 569	0.5	-1.6	-5.1	-5.9
Exports (fresh)	522	492	482	461	442	378	360	-14.4	-19.4	-4.9	-18.4
Imports (fresh)	481	528	576	583	621	705	795	13.6	22.2	12.7	28.0
Consumption (fresh)	7 416	7 194	7 266	7 056	7 073	7 252	7 004	2.5	1.5	-3.4	-2.2
Per capita consumption (kg) - fresh	16.7	16.1	16.3	15.8	15.8	16.2	15.5	2.6	1.4	-4.2	-3.0
Self-sufficiency rate (fresh) %	101	100	99	98	97	95	94				
Production (processed)	10 740	11 105	9 494	10 343	9 994	11 816	9 931	18.2	15.5	-16.0	-4.6
of which ES, IT, PT	9 728	10 104	8 650	9 411	9 078	10 840	9 019	19.4	16.4	-16.8	-5.0
of which other EU countries	1 012	1 001	844	932	916	976	912	6.6	5.7	-6.6	-0.5
Exports (processed)	4 085	4 169	4 392	4 627	4 717	4 431	4 371	-6.1	-1.0	-1.4	-3.8
Imports (processed)	2 739	2 166	2 082	2 130	2 371	3 064	2 577	29.2	40.1	-15.9	6.9
Consumption (processed) ¹	9 395	9 102	7 184	7 846	7 648	10 449	8 137	36.6	31.5	-22.1	-1.7
Per capita consumption (kg) - processed	21.1	20.4	16.1	17.6	17.1	23.4	18.1	36.7	31.4	-22.7	-2.5
Self-sufficiency rate (processed) %	114	122	132	132	131	113	122				

¹ consumption also includes stock variation.

Note 1: the tomatoes marketing year is January-December (calendar year).

Note 2: trade of processed tomatoes is expressed in fresh tomato equivalent. Conversion coefficients used to convert processed products into fresh tomato weights vary between 1.13 and 19.5.

DAIRY

TABLE 3.1 EU milk supply and utilisation

	EU						% variation				
	2018	2019	2020	2021	2022e	2023f	19/18	20/19	21/20	22/21	23/22
Dairy cows (million heads) ¹	20.7	20.5	20.2	19.9	19.8	19.6	-1.2	-1.2	-1.5	-0.6	-1.0
Milk yield (kg/dairy cow) ²	7 159	7 304	7 483	7 578	7 629	7 689	2.0	2.5	1.3	0.7	0.8
Cow milk production (million t)	150.9	152.2	154.0	153.6	153.6	153.3	0.9	1.2	-0.3	0.0	-0.2
Feed use (million t)	3.2	3.3	3.3	3.1	3.1	3.1	3.8	-1.3	-5.6	0.0	0.0
On farm use and direct sales (million t)	5.8	6.2	5.9	5.8	5.8	5.8	7.4	-4.7	-1.6	0.0	0.0
Delivered to dairies (million t)	141.9	142.6	144.8	144.6	144.7	144.4	0.5	1.6	-0.1	0.0	-0.2
Delivery ratio (%) ³	94.0	93.7	94.0	94.2	94.2	94.2	-0.3	0.3	0.2	0.0	0.0
Fat content of milk (%)	4.0	4.1	4.1	4.1	4.1	4.1	1.0	0.5	0.4	-0.4	0.2
Protein content of milk (%)	3.5	3.5	3.5	3.5	3.4	3.4	0.2	-0.7	-0.2	-0.3	0.2

¹ Dairy cow numbers refer to the end of the year (historical figures from the December cattle survey).

² Milk yield is dairy cow production per dairy cows (milk from dairy cows represent around 98% of EU total cow milk production).

³ Delivery ratio is milk delivered to dairies per total production.

Note: due to confidentiality of reported data by Luxembourg it has been removed from the EU aggregates. This is valid only for dairy balance sheets.

TABLE 3.2 EU cheese balance sheet (thousand tonnes)

	EU						% variation				
	2018	2019	2020	2021	2022e	2023f	19/18	20/19	21/20	22/21	23/22
Production (in dairies)	9 876	10 045	10 231	10 360	10 311	10 389	1.7	1.9	1.3	-0.5	0.7
of which from pure cow's milk	8 950	9 164	9 314	9 392	9 350	9 420	2.4	1.6	0.8	-0.4	0.8
of which from other milk ¹	925	881	917	968	961	968	-4.8	4.1	5.5	-0.7	0.7
Processed cheese impact ²	391	394	382	387	386	387	0.7	-3.1	1.4	-0.4	0.4
Total production	10 267	10 439	10 613	10 747	10 697	10 776	1.7	1.7	1.3	-0.5	0.7
Imports ³	197	212	223	196	187	187	7.6	5.0	-11.8	-5.0	0.0
Exports	1 279	1 348	1 402	1 385	1 340	1 367	5.4	4.0	-1.2	-3.3	2.0
Domestic use ⁴	9 185	9 303	9 419	9 573	9 604	9 626	1.3	1.2	1.6	0.3	0.2
Change in stocks	0	0	15	- 15	- 60	- 30					
Processing use	328	331	319	324	323	324	0.9	-3.6	1.7	-0.5	0.5
Human consumption	8 857	8 972	9 100	9 249	9 281	9 302	1.3	1.4	1.6	0.3	0.2
per capita consumption (kg)	19.9	20.2	20.4	20.8	20.9	20.9	1.2	1.4	1.6	0.4	0.3
Self-sufficiency rate (%)	112	112	113	112	111	112					

¹ Other milk includes goat, ewe and buffalo milk.

² Processed cheese impact includes production and net exports of processed cheese.

³ Imports and exports include processed cheese.

⁴ Domestic use includes stock changes.

Note: the figures on production were updated with the update of Eurostat database on 20th September 2022.

TABLE 3.3 EU fresh dairy products balance sheet (thousand tonnes)

	EU						% variation				
	2018	2019	2020	2021	2022e	2023f	19/18	20/19	21/20	22/21	23/22
Production	37 972	37 802	38 192	37 579	37 193	37 025	-0.4	1.0	-1.6	-1.0	-0.5
of which Drinking Milk	23 342	23 359	23 808	23 099	22 637	22 411	0.1	1.9	-3.0	-2.0	-1.0
of which Cream	2 418	2 468	2 483	2 528	2 533	2 551	2.0	0.6	1.8	0.2	0.7
of which Acidified Milk	7 907	7 663	7 722	7 640	7 617	7 579	-3.1	0.8	-1.1	-0.3	-0.5
of which other Fresh Products ¹	4 305	4 311	4 180	4 311	4 406	4 484	0.1	-3.1	3.2	2.2	1.8
Imports	885	825	753	624	733	807	-6.8	-8.7	-17.1	17.5	10.0
Exports	1 434	1 649	1 781	1 988	1 708	1 878	15.0	8.0	11.7	-14.1	10.0
Consumption ²	37 424	36 978	37 165	36 215	36 219	35 953	-1.2	0.5	-2.6	0.0	-0.7
per capita consumption (kg)	84.2	83.1	83.5	81.4	81.4	80.9	-1.3	0.4	-2.6	0.0	-0.7
Self-sufficiency rate (%)	101	102	103	104	103	103					

¹ Includes buttermilk, drinks with milk base and other fresh commodities.

² Consumption includes stock changes.

Note 1: The figures on imports and exports are referring to total trade, i.e. including inward processing.

Note2: The figures on production were updated with the update of Eurostat database on 20th September 2022.

TABLE 3.4 EU whole milk powder balance sheet (thousand tonnes)

	EU						% variation				
	2018	2019	2020	2021	2022e	2023f	19/18	20/19	21/20	22/21	23/22
Production	698	710	728	637	602	575	1.7	2.6	-12.4	-5.5	-4.5
Imports	43	42	27	11	20	20	-2.2	-34.9	-59.1	76.7	0.0
Exports	346	315	345	298	241	229	-9.0	9.4	-13.5	-19.2	-5.0
Domestic use ¹	394	437	411	350	381	366	10.7	-6.0	-14.7	8.8	-4.0
Self-sufficiency rate (%)	177	163	177	182	158	157					

¹ Domestic use includes stock changes.

Note: the figures on production were updated with the update of Eurostat database on 20th September 2022.

TABLE 3.5 EU skimmed milk powder balance sheet (thousand tonnes)

	EU						% variation				
	2018	2019	2020	2021	2022e	2023f	19/18	20/19	21/20	22/21	23/22
Production	1 465	1 473	1 494	1 428	1 438	1 435	0.6	1.4	-4.4	0.7	-0.2
Imports	46	56	36	32	36	36	20.3	-34.9	-11.9	14.5	0.0
Exports	826	945	831	788	711	768	14.5	-12.1	-5.2	-9.8	8.0
Domestic use ¹	822	805	700	692	704	729	-2.0	-13.1	-1.1	1.7	3.6
Ending stocks	311	90	90	70	130	105					
Private	220	90	90	70	130	105					
Public (intervention)	91	0	0	0	0	0					
Change in stocks	- 137	- 221	0	- 20	60	- 25					
Self-sufficiency rate (%)	178	183	214	206	204	197					

¹ Domestic use includes stock changes.

Note: the figures on production were updated with the update of Eurostat database on 20th September 2022.

TABLE 3.6 EU butter market balance sheet (thousand tonnes)

	EU						% variation				
	2018	2019	2020	2021	2022e	2023f	19/18	20/19	21/20	22/21	23/22
Production	2 280	2 346	2 400	2 311	2 309	2 305	2.9	2.3	-3.7	-0.1	-0.2
Imports	44	48	34	33	60	36	9.1	-30.0	-3.8	84.8	-40.0
Exports	228	283	303	254	247	252	24.4	6.9	-16.1	-2.6	2.0
Domestic use ¹	2 082	2 096	2 131	2 090	2 107	2 108	0.7	1.6	-1.9	0.8	0.1
per capita consumption (kg)	4.7	4.7	4.8	4.7	4.7	4.7	0.6	1.6	-1.9	0.8	0.1
Ending stocks	120	135	135	135	150	130					
Private	120	135	135	135	150	130					
Public (intervention)	0	0	0	0	0	0					
Change in stocks	15	15	0	0	15	- 20					
Self-sufficiency rate (%)	110	112	113	111	110	109					

¹ Domestic use includes stock changes.

Note 1: Data refer to butter, butter oil and other yellow fat products expressed in butter equivalent. Figures on imports and exports do not include inward/outward processing.

In June 2021, trade data was revised by applying coefficients on EU-UK inward/outward processing flows which were not reported in intra-EU trade. Details are in STO methodology.

Note 2: the figures on production were updated with the update of Eurostat database on 20th September 2022.

TABLE 3.7 EU whey market balance sheet (thousand tonnes)

	EU						% variation				
	2018	2019	2020	2021	2022e	2023f	19/18	20/19	21/20	22/21	23/22
Production	1 993	2 099	2 113	2 170	2 149	2 170	5.3	0.6	2.7	-1.0	1.0
Imports	65	69	52	42	47	47	5.7	-24.6	-19.3	13.1	0.0
Exports	635	638	692	715	663	693	0.4	8.5	3.3	-7.3	4.5
Domestic use ¹	1 423	1 530	1 472	1 497	1 533	1 525	7.5	-3.8	1.7	2.4	-0.5
Self-sufficiency rate (%)	140	137	143	145	140	142					

¹ Domestic use includes stock changes.

Note: the figures on production were updated with the update of Eurostat database on 20th September 2022.

MEAT

TABLE 4.1 EU aggregate meat balance sheet (thousand tonnes carcass weight equivalent)

	EU						% variation				
	2018	2019	2020	2021	2022	2023e	19/18	20/19	21/20	22/21	23/22
Gross Indigenous Production	44 440	44 425	44 673	44 688	42 940	41 825	0.0	0.6	0.0	-3.9	-2.6
Live Imports	7	11	11	10	8	8					
Live Exports	359	352	326	328	301	295	-2.1	-7.2	0.6	-8.2	-2.0
Net Production	44 088	44 084	44 357	44 369	42 647	41 538	0.0	0.6	0.0	-3.9	-2.6
Meat Imports	1 546	1 559	1 328	1 221	1 450	1 540	0.9	-14.8	-8.1	18.8	6.2
Meat Exports	6 551	7 309	7 939	7 501	6 500	6 283	11.6	8.6	-5.5	-13.3	-3.3
Domestic use	39 083	38 334	37 747	38 088	37 597	36 795	-1.9	-1.5	0.9	-1.3	-2.1
Per capita consumption ¹ (kg)	69.9	68.5	67.5	68.1	66.6	65.0	-1.9	-1.5	0.9	-2.3	-2.3
Self-sufficiency (%)	114	116	118	117	114	114					

¹ In retail weight. Coefficients to transform carcass weight into retail weight are: 0.7 for beef and veal meat; 0.78 for pigmeat; 0.88 for both poultry meat, and sheep and goat meat.
Note: Meat production data excludes the offal and fat categories (with the exception of pork lard).

TABLE 4.2 EU beef and veal balance sheet (thousand tonnes carcass weight equivalent)

	EU						% variation				
	2018	2019	2020	2021	2022	2023e	19/18	20/19	21/20	22/21	23/22
Gross Indigenous Production	7 310	7 197	7 135	7 099	6 911	6 802	-1.5	-0.9	-0.5	-2.6	-1.6
Live Imports	2	2	2	1	1	1					
Live Exports	246	236	235	218	198	194	-4.0	-0.2	-7.4	-8.9	-2.0
Net Production	7 067	6 964	6 902	6 882	6 714	6 608	-1.5	-0.9	-0.3	-2.4	-1.6
Meat Imports	371	387	306	284	356	374	4.2	-20.8	-7.1	25.1	5.0
Meat Exports	595	577	593	567	538	538	-3.0	2.8	-4.3	-5.2	0.0
Domestic use	6 843	6 774	6 616	6 599	6 532	6 445	-1.0	-2.3	-0.3	-1.0	-1.3
per capita consumption (kg)	10.7	10.6	10.4	10.3	10.1	9.9	-1.1	-2.4	-0.2	-2.1	-1.7
Self-sufficiency (%)	107	106	108	108	106	106					

¹ In retail weight. Coefficients to transform carcass weight into retail weight are 0.7 for beef and veal meat.

TABLE 4.3 EU pigmeat balance sheet (thousand tonnes carcass weight equivalent)

	EU						% variation				
	2018	2019	2020	2021	2022	2023e	19/18	20/19	21/20	22/21	23/22
Gross Indigenous Production	23 205	23 039	23 242	23 659	22 326	21 183	-0.7	0.9	1.8	-5.6	-5.1
Live Imports	1	1	1	2	1	1					
Live Exports	51	43	23	45	42	42	-15.0	-47.9	97.4	-4.9	-2.0
Net Production	23 156	22 996	23 220	23 616	22 284	21 142	-0.7	1.0	1.7	-5.6	-5.1
Meat Imports	167	162	159	97	121	124	-3.0	-1.9	-38.8	24.9	2.0
Meat Exports	3 580	4 177	4 943	4 752	3 973	3 854	16.7	18.3	-3.9	-16.4	-3.0
Domestic use	19 743	18 981	18 436	18 962	18 433	17 412	-3.9	-2.9	2.8	-2.8	-5.5
per capita consumption (kg)	34.5	33.1	32.2	33.1	31.8	30.0	-4.0	-3.0	2.9	-3.8	-5.9

¹ In retail weight. Coefficients to transform carcass weight into retail weight are 0.78 for pigmeat.

TABLE 4.4 EU poultry meat balance sheet (thousand tonnes carcass weight equivalent)

	EU						% variation				
	2018	2019	2020	2021	2022	2023e	19/18	20/19	21/20	22/21	23/22
Gross Indigenous Production	13 292	13 543	13 669	13 301	13 078	13 223	1.9	0.9	-2.7	-1.7	1.1
Live Imports	3	3	4	4	3	3					
Live Exports	12	10	8	13	7	7	-11.7	-22.7	56.5	-46.9	10.0
Net Production	13 284	13 536	13 664	13 292	13 074	13 218	1.9	0.9	-2.7	-1.6	1.1
Meat Imports	836	848	710	713	817	875	1.5	-16.3	0.4	14.7	7.0
Meat Exports	2 326	2 499	2 345	2 136	1 946	1 849	7.4	-6.2	-8.9	-8.9	-5.0
Domestic use	11 793	11 886	12 029	11 869	11 945	12 244	0.8	1.2	-1.3	0.6	2.5
per capita consumption (kg)	23.3	23.4	23.7	23.4	23.3	23.8	0.7	1.1	-1.2	-0.4	2.1
Self-sufficiency (%)	113	114	114	112	109	108					

¹ In retail weight. Coefficients to transform carcass weight into retail weight are 0.88 for poultry meat.

TABLE 4.5 EU sheep and goat meat balance sheet (thousand tonnes carcass weight equivalent)

	EU						% variation				
	2018	2019	2020	2021	2022	2023e	19/18	20/19	21/20	22/21	23/22
Gross Indigenous Production	632	646	627	629	626	618	2.2	-2.9	0.3	-0.4	-1.2
Live Imports	1	4	4	3	3	3					
Live Exports	51	62	61	53	54	52	22.4	-2.7	-12.0	1.2	-3.5
Net Production	581	588	570	579	576	570	1.1	-2.9	1.5	-0.6	-1.0
of which on-farm slaughterings	97.4	103.2	106.0	107.4	107.4	107.4	6.0	2.6	1.3	0.0	0.0
Meat Imports	172	162	153	126	155	168	-5.7	-5.5	-17.7	22.8	8.0
Meat Exports	51	56	58	47	44	43	11.2	2.3	-19.2	-6.0	-1.0
Domestic use	703	694	666	658	687	694	-1.3	-4.0	-1.1	4.3	1.0
per capita consumption (kg)	1.4	1.4	1.3	1.3	1.3	1.3	-1.4	-4.1	-1.0	3.2	0.7
Self-sufficiency (%)	90	93	94	95	91	89					

¹ In retail weight. Coefficients to transform carcass weight into retail weight are 0.88 for sheep and goat meat.

Note: Before 2009, Slovenia, Belgium, Malta, Portugal and Sweden did not report the on-farm slaughtering data.

TABLE 5.1 EU self-sufficiency rate (%)

Crop sectors	EU						
	2016	2017	2018	2019	2020	2021	2022
Arable crops							
Total cereals	106	108	103	113	108	113	105
Soft wheat	119	126	113	137	127	136	129
Durum	103	93	93	83	82	88	77
Barley	112	113	122	126	122	122	124
Maize	91	88	84	83	84	90	70
Rye	97	104	99	114	102	104	97
Sorghum	79	82	95	152	68	72	48
Oats	93	103	100	105	114	102	100
Triticale	97	96	98	121	103	100	97
Others	73	83	80	99	98	97	93
Oilseeds	64	68	63	57	56	60	60
Oilmeals	59	59	61	62	63	63	65
Vegetable oils	70	70	68	66	72	72	81
Protein crops	101	93	79	82	82	80	81
Sugar *	95	112	95	97	91	98	90
Specialised crops							
Olive oil	131	142	156	132	139	147	101
Wine	125	104	135	116	121	116	121
Apples (processed)	105	81	115	103	98	108	112
Apples (fresh)	122	103	127	109	116	116	112
Oranges(processed)	34	29	33	25	29	34	23
Oranges (fresh)	92	92	93	91	92	94	92
Peaches & Nectarines (processed)	137	128	128	132	140	147	138
Peaches & Nectarines (fresh)	110	110	107	108	105	104	103
Tomatoes (processed)	114	122	132	132	131	113	122
Tomatoes (fresh)	101	100	99	98	97	95	94

* EU + UK for the period 2016-2019.

Note: Figures for arable crops, olive oil and wine refer to marketing years (20XX means 20XX/20XX+1).

Animal sectors	EU						
	2016	2017	2018	2019	2020	2021	2022
Dairy products							
Cheese	112	112	112	112	113	112	111
Fresh dairy products	102	102	101	102	103	104	103
WMP	198	198	177	163	177	182	158
SMP	192	192	178	183	214	206	204
Butter	109	109	110	112	113	111	110
Whey	139	139	140	137	143	145	140
Meat							
Total Meat	114	114	114	116	118	117	114
Beef/veal	108	108	107	106	108	108	106
Pigmeat	117	117	118	121	126	125	121
Poultry meat	112	112	113	114	114	112	109
Sheep and goat meat	91	91	90	93	94	95	91

TABLE 5.2 Share of EU exports by destination (volume)

		CEREALS	Soft wheat	Barley	Maize	SUGAR	MEAT OFFAL LIVE	Beef	Pork	Poultry	INFANT FORMULA	DAIRY PRODUCTS	Cheese and curd	SMP and WMP	Whey powder	OLIVE OIL	WINE	Apples (fresh)	Apples (processed)	Peaches & Nectarines (fresh)	Peaches & Nectarines (processed)	Oranges (fresh)	Oranges (processed)	Tomatoes (fresh)	Tomatoes (processed)
								meat, offal, live animals																	
China	2021	12%	6%	31%	3%	0%	27%	1%	42%	0%	39%	22%	3%	14%	33%	5%	6%	0%	2%	0%	0%	0%	3%	0%	1%
	2022	6%	5%	10%	4%	0%	19%	0%	29%	0%	42%	18%	2%	11%	31%	6%	5%	0%	1%	0%	0%	1%	4%	0%	1%
ASEAN	2021	4%	5%	3%	1%	3%	8%	5%	9%	7%	4%	11%	2%	22%	37%	2%	1%	1%	1%	0%	12%	0%	1%	0%	1%
	2022	2%	1%	5%	0%	0%	9%	5%	12%	3%	4%	10%	2%	18%	34%	2%	2%	2%	1%	0%	7%	1%	1%	0%	1%
North Africa	2021	28%	38%	12%	12%	8%	1%	7%	0%	0%	7%	7%	6%	16%	2%	1%	1%	29%	3%	2%	6%	0%	2%	0%	4%
	2022	35%	41%	18%	21%	5%	1%	7%	0%	0%	7%	7%	6%	21%	4%	1%	1%	22%	2%	1%	5%	0%	2%	0%	3%
Other Africa	2021	18%	24%	10%	1%	9%	13%	11%	5%	35%	6%	12%	2%	17%	4%	2%	6%	2%	2%	1%	0%	1%	4%	0%	5%
	2022	21%	27%	13%	3%	8%	13%	10%	7%	32%	5%	12%	2%	14%	4%	2%	7%	2%	2%	1%	1%	1%	4%	0%	4%
Middle East	2021	18%	12%	22%	41%	32%	4%	12%	1%	5%	12%	11%	9%	16%	3%	3%	1%	15%	7%	1%	8%	6%	5%	1%	6%
	2022	18%	15%	26%	18%	29%	4%	12%	1%	7%	12%	11%	10%	20%	3%	3%	1%	19%	8%	1%	7%	8%	5%	2%	6%
USA Mexico Canada	2021	2%	1%	5%	0%	0%	3%	3%	3%	0%	2%	2%	13%	0%	0%	41%	30%	0%	20%	0%	28%	5%	3%	0%	12%
	2022	2%	0%	4%	1%	0%	3%	3%	4%	0%	4%	3%	13%	0%	0%	41%	30%	0%	25%	0%	38%	9%	3%	0%	12%
UK	2021	5%	4%	1%	15%	17%	21%	32%	15%	32%	10%	15%	31%	3%	5%	8%	23%	17%	45%	41%	13%	28%	65%	75%	39%
	2022	4%	2%	2%	23%	22%	24%	39%	17%	37%	10%	17%	31%	3%	7%	8%	23%	17%	41%	41%	12%	27%	58%	71%	40%

Source: COMEXT-Eurostat.

Group definitions:

ASEAN: Myanmar, Philippines, Thailand, Lao People's Democratic Republic, Vietnam, Cambodia, Indonesia, Malaysia, Brunei Darussalam, Singapore

North Africa: Libya, Tunisia, Algeria, Morocco, Egypt

Other Africa: Sudan, Lesotho, Mauritania, Mali, Burkina Faso, Niger, Chad, Cape Verde, Senegal, Gambia, Guinea-Bissau, Guinea, Sierra Leone, Liberia, Ivory Coast, Ghana, Togo, Benin, Nigeria, Cameroon, Central African Republic, Equatorial Guinea, Sao Tome and Principe, Gabon, Congo, Democratic Republic of Congo, Rwanda, Burundi, St. Helena ascension and Tristan da Cuhna, Angola, Ethiopia, Eritrea, Djibuti, Somalia, Kenya, Uganda, Tanzania, Seychelles, British Indian Ocean Territory, Mozambique, Madagascar, Mauritius, Comoros, Mayotte, Zambia, Zimbabwe, Malawi, South Africa, Namibia, Botswana, Eswatini

Middle East: Armenia, Azerbaijan, Lebanon, Syrian Arab Republic, Iraq, Islamic Republic of Iran, Israel, Occupied Palestinian Territory, Jordan, Saudi Arabia, Kuwait, Bahrain, Qatar, United Arab Emirates, Oman, Yemen, Georgia

NAFTA: USA, Mexico, Canada