ANNEX for EU-27

This chapter presents balances 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 2022.

ARABLE CROPS

TABLE 1.1 EU-27 cereal, oilseed and protein crop area (1 000 ha)

	EU-27							% variation			
	2016	2017	2018	2019	2020	2021	2022f	21/20	2021 vs 5-yr. av.	22/21	2022 vs 5-yr. av.
Soft wheat	22 432	21 594	21 271	22 068	20 765	21 676	21 899	*4.4*	*0.1*	*1.0*	*1.8*
Durum wheat	2 775	2 545	2 481	2 145	2 112	2 203	2 118	*4.3*	*-7.8*	*-3.8*	*-6.9*
Rye	1 897	1 913	1 909	2 191	2 064	1 914	2 019	*-7.3*	*-2.5*	*5.5*	*2.8*
Barley	11 181	10 863	11 145	11 139	11 025	10 314	10 840	*-6.4*	*-7.1*	*5.1*	*-1.5*
Oats	2 477	2 521	2 567	2 391	2 563	2 568	2 523	*0.2*	*1.9*	*-1.7*	*-1.1*
Maize	8 541	8 267	8 252	8 911	9 355	9 206	9 406	*-1.6*	*7.4*	*2.2*	*6.9*
Triticale	2 900	2 749	2 600	2 754	2 752	2 664	2 548	*-3.2*	*-3.2*	*-4.3*	*-6.4*
Sorghum	124	135	148	190	217	174	169	*-19.7*	*10.6*	*-3.1*	*-1.0*
others	1 321	1 412	1 541	1 454	1 168	1 242	1 375	*6.3*	*-11.0*	*10.7*	*0.4*
Cereals	53 648	51 998	51 914	53 242	52 021	51 961	52 898	*-0.1*	*-0.9*	*1.8*	*1.7*
Rapeseed	5 956	6 186	6 318	5 119	5 324	5 326	5 636	*0.0*	*-8.5*	*5.8*	*0.4*
Sunflower	4 133	4 312	4 026	4 338	4 448	4 493	4 693	*1.0*	*5.5*	*4.4*	*7.5*
Soya beans	831	962	955	908	948	949	968	*0.1*	*1.2*	*2.1*	*1.9*
Linseed	54	54	46	40	50	60	49	*20.5*	*20.6*	*-19.0*	*-2.4*
Oilseeds	10 974	11 514	11 344	10 404	10 770	10 828	11 346	*0.5*	*-1.8*	*4.8*	*3.3*
Field peas	861	986	829	786	814	849	934	*4.3*	*1.7*	*10.0*	*12.4*
Broad beans	478	496	469	409	450	480	528	*6.7*	*3.0*	*10.0*	*13.2*
Lupins	179	165	150	174	229	244	268	*6.4*	*40.9*	*9.9*	*41.3*
Protein crops	2 108	2 350	2 172	1 990	2 072	2 197	2 416	*6.0*	*3.8*	*10.0*	*12.5*
Sugar beet	1 412	1 645	1 621	1 533	1 472	1 494	1 483	*1.5*	*-3.1*	*-0.8*	*-4.3*
Total	68 143	67 508	67 052	67 170	66 335	66 480	68 143	*0.2*	*-1.1*	*2.5*	*1.9*

TABLE 1.2 EU-27 cereal, oilseed and protein crop yields (t/ha)

	EU-27							% variation			
	2016	2017	2018	2019	2020	2021	2022f	21/20	2021 vs 5-yr. av.	22/21	2022 vs 5-yr. av.
Soft wheat	5.4	5.9	5.4	6.0	5.7	6.0	6.0	*5.2*	*5.9*	*0.0*	*2.5*
Durum wheat	3.5	3.5	3.5	3.5	3.5	3.5	3.6	*0.8*	*1.3*	*1.2*	*2.1*
Rye	3.9	3.8	3.2	3.9	4.3	4.2	4.1	*-3.9*	*7.8*	*-1.5*	*3.6*
Barley	4.8	4.8	4.5	5.0	4.9	5.1	5.0	*2.9*	*5.4*	*-1.8*	*2.0*
Oats	3.0	2.9	2.7	2.9	3.3	2.9	3.0	*-11.0*	*0.7*	*1.9*	*2.7*
Maize	7.4	7.9	8.4	7.9	7.3	7.9	7.9	*8.4*	*2.5*	*0.0*	*0.2*
Triticale	4.1	4.2	3.8	4.1	4.5	4.4	4.4	*-1.5*	*7.2*	*-0.8*	*3.4*
Sorghum	5.6	5.3	5.6	5.3	5.2	5.4	5.4	*3.8*	*-0.5*	*0.1*	*0.7*
others	2.7	2.9	2.5	2.7	3.1	3.0	2.9	*-2.7*	*8.1*	*-2.1*	*2.5*
Cereals	5.2	5.5	5.2	5.6	5.5	5.7	5.7	*4.4*	*5.7*	*-0.3*	*3.1*
Rapeseed	3.1	3.2	2.8	3.0	3.1	3.2	3.2	*1.9*	*4.0*	*0.7*	*3.3*
Sunflower	2.1	2.4	2.5	2.4	2.0	2.3	2.4	*15.1*	*2.3*	*1.5*	*0.4*
Soya beans	3.0	2.8	3.0	3.0	2.8	2.8	3.0	*1.9*	*-2.8*	*5.0*	*3.9*
Linseed	1.5	1.6	1.6	1.8	1.7	1.8	1.8	*3.5*	*7.8*	*0.3*	*4.1*
Oilseeds	2.7	2.9	2.7	2.7	2.6	2.8	2.8	*6.0*	*3.1*	*1.5*	*3.3*
Field peas	2.5	2.6	2.3	2.6	2.4	2.5	2.2	*1.9*	*0.0*	*-12.9*	*-13.2*
Broad beans	2.7	2.8	2.1	2.5	2.8	2.5	2.4	*-9.0*	*-4.2*	*-7.5*	*-10.1*
Lupins	1.7	1.6	1.2	1.2	1.5	1.5	1.0	*-2.5*	*1.8*	*-35.0*	*-32.0*
Protein crops	1.8	1.8	1.4	1.6	1.7	1.7	1.5	*-3.0*	*-1.5*	*-13.3*	*-13.4*
Sugar beet	75.6	81.6	69.0	73.8	68.6	76.1	77.9	*11.0*	*4.6*	*2.4*	*6.8*

TABLE 1.3 EU-27 cereal, oilseed and protein crop gross production (1 000 t)

	EU-27							% variation			
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22e	2022/23f	21/20	2021 vs 5-yr. av.	22/21	2022 vs 5-yr. av.
Soft wheat	120 641	128 306	115 751	132 156	119 270	130 993	132 287	9.8	6.7	1.0	4.8
Durum wheat	9 675	8 810	8 767	7 476	7 420	7 802	7 594	5.2	-6.6	-2.7	-5.2
Rye	7 349	7 309	6 174	8 455	8 910	7 942	8 253	-10.9	3.1	3.9	4.4
Barley	53 324	51 650	49 931	55 514	54 420	52 410	54 094	-3.7	-1.4	3.2	2.4
Oats	7 321	7 322	6 887	6 945	8 472	7 553	7 562	-10.8	5.0	0.1	4.0
Maize	62 963	65 049	69 309	70 416	68 252	72 775	74 344	6.6	7.8	2.2	7.2
Triticale	11 785	11 646	9 770	11 203	12 337	11 767	11 170	-4.6	1.9	-5.1	-3.2
Sorghum	688	719	833	1 016	1 126	938	909	-16.7	9.6	-3.0	-2.1
others	3 625	4 158	3 851	3 879	3 614	3 739	4 053	3.4	-1.2	8.4	6.0
Cereals	**277 371**	**284 967**	**271 272**	**297 060**	**283 821**	**295 918**	**300 265**	4.3	4.9	1.5	4.2
Rapeseed	18 332	19 853	18 003	15 380	16 699	17 019	18 127	1.9	-3.7	6.5	5.1
Sunflower	8 729	10 403	9 973	10 244	9 076	10 548	11 185	16.2	8.0	6.0	9.6
Soya beans	2 477	2 672	2 833	2 742	2 628	2 681	2 875	2.0	0.0	7.2	6.5
Linseed	82	84	74	73	85	105	86	24.7	31.5	-18.8	5.6
Oilseeds	**29 620**	**33 012**	**30 882**	**28 439**	**28 487**	**30 353**	**32 272**	6.5	2.3	6.3	7.9
Field peas	2 124	2 606	1 895	2 012	1 988	2 115	2 026	6.4	3.6	-4.2	-0.6
Broad beans	1 272	1 383	997	1 033	1 258	1 221	1 242	-2.9	2.8	1.7	6.1
Lupins	296	264	186	215	346	359	256	3.7	39.1	-28.6	-6.7
Protein crops	**3 692**	**4 252**	**3 078**	**3 260**	**3 592**	**3 695**	**3 525**	2.9	5.1	-4.6	0.3
Sugar beet	106 718	134 202	111 933	113 128	100 921	113 713	115 554	12.7	2.8	1.6	2.3

TABLE 1.4 EU-27 overall cereal balance (million t)

	EU-27							% variation			
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22e	2022/23f	21/20	2021 vs 5-yr. av.	22/21	2022 vs 5-yr. av.
Beginning stocks	35.9	30.9	39.6	39.5	42.7	41.8	44.7	-2.0	9.1	7.0	11.0
Gross production	*277.4*	*285.0*	*271.3*	*297.1*	*283.8*	*295.9*	*300.3*	4.3	4.9	1.5	4.2
Usable production	274.9	282.5	268.9	294.5	281.3	293.3	297.7	4.3	4.9	1.5	4.2
Imports	20.5	25.0	30.2	25.8	21.1	18.9	14.0	-10.1	-21.1	-26.0	-41.6
Availability	**331.3**	**338.4**	**338.7**	**359.8**	**345.0**	**354.1**	**356.4**	2.6	3.9	0.7	3.0
Domestic use	**258.8**	**261.0**	**261.1**	**260.3**	**258.6**	**258.7**	**256.4**	0.0	-0.5	-0.9	-1.4
- Human	58.7	59.0	58.9	58.5	58.4	58.5	58.9	0.2	-0.4	0.7	0.5
- Seed	8.9	9.3	9.1	9.1	9.0	9.0	9.0	0.0	-0.8	0.0	-0.8
- Industrial	30.6	31.0	30.6	29.6	28.7	30.3	29.4	5.6	0.1	-3.0	-2.5
o.w. bioethanol	*11.4*	*11.9*	*12.2*	*11.4*	*11.0*	*11.9*	*11.0*	8.2	2.6	-7.6	-6.4
- Animal feed	160.5	161.6	162.5	163.0	162.5	160.9	159.1	-1.0	-0.8	-1.1	-1.9
Losses (excl. on-farm)	2.2	2.2	2.2	1.8	1.7	1.8	1.8	4.3	-14.7	1.5	-6.6
Exports	39.4	35.7	35.9	55.1	42.9	48.9	55.4	13.9	24.1	13.4	30.3
Total use	**300.4**	**298.8**	**299.2**	**317.2**	**303.2**	**309.3**	**313.6**	2.0	2.8	1.4	3.2
Ending stocks	**30.9**	**39.6**	**39.5**	**42.7**	**41.8**	**44.7**	**42.8**	7.0	11.0	-4.4	3.5
- Market	30.9	39.6	39.5	42.7	41.8	44.7	42.8	7.0	11.0	-4.4	3.5
- Intervention	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-		
Self-sufficiency rate %	**106.2**	**108.2**	**103.0**	**113.1**	**108.8**	**113.4**	**116.1**	4.2	5.2	2.4	5.5

Note: the cereal marketing year is July-June.

TABLE 1.5 EU-27 cereal balance 2022/2023 (forecast) (million t)

	Soft wheat	Barley	Durum wheat	Maize	Rye	Sorghum	Oats	Triticale	Others	TOTAL
Beginning stocks	13.2	4.1	1.5	20.0	1.2	1.1	1.3	2.1	0.3	44.7
Gross production	*132.3*	*54.1*	*7.6*	*74.3*	*8.3*	*0.9*	*7.6*	*11.2*	*4.1*	*300.3*
Usable production	131.3	53.6	7.5	74.0	8.1	0.9	7.5	10.9	3.9	297.7
Imports	1.0	1.0	2.5	9.0	0.1	0.2	0.0	0.0	0.2	14.0
Availability	145.5	58.7	11.5	103.0	9.4	2.1	8.8	13.0	4.3	356.4
Domestic use	92.5	44.3	9.1	79.3	7.4	1.1	7.4	11.5	3.8	256.4
- Human	41.4	0.4	8.1	4.7	3.0	0.2	1.1	0.1	0.0	58.9
- Seed	4.6	2.1	0.4	0.4	0.3	0.0	0.4	0.5	0.3	9.0
- Industrial	8.8	6.7	0.1	11.6	1.5	0.0	0.1	0.4	0.2	29.4
o.w. bioethanol	*2.8*	*0.4*	*0.0*	*6.5*	*0.9*	*0.0*	*0.0*	*0.3*	*0.0*	*11.0*
- Animal feed	37.6	35.1	0.5	62.6	2.7	0.9	5.8	10.5	3.4	159.1
Losses (excl. on-farm)	0.8	0.3	0.0	0.4	0.0	0.0	0.0	0.1	0.0	1.8
Exports	40.0	9.6	1.0	4.4	0.2	0.0	0.2	0.0	0.0	55.4
Total use	132.5	53.9	10.2	83.7	7.6	1.1	7.5	11.5	3.8	311.8
Ending stocks	12.2	4.5	1.3	18.9	1.7	1.0	1.3	1.5	0.4	42.8
- Market	12.2	4.5	1.3	18.9	1.7	1.0	1.3	1.5	0.4	42.8
- Intervention	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Change in stocks	-1.0	0.4	-0.2	-1.1	0.5	-0.1	-0.1	-0.6	0.2	-1.9
Change in public stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Self-sufficiency rate %	142.0	121.1	82.5	93.3	108.7	78.3	101.5	95.2	100.9	116.1

Note: the cereal marketing year is July-June.

TABLE 1.6 EU-27 cereal balance 2021/2022 (estimated) (million t)

	Soft wheat	Barley	Durum wheat	Maize	Rye	Sorghum	Oats	Triticale	Others	TOTAL
Beginning stocks	8.9	4.5	2.2	20.3	0.8	1.3	1.2	2.1	0.4	41.8
Gross production	*131.0*	*52.4*	*7.8*	*72.8*	*7.9*	*0.9*	*7.6*	*11.8*	*3.7*	*295.9*
Usable production	130.0	52.0	7.7	72.5	7.8	0.9	7.5	11.5	3.6	293.3
Imports	2.0	1.0	1.5	14.0	0.2	0.0	0.0	0.0	0.2	18.9
Availability	140.9	57.5	11.4	106.8	8.8	2.2	8.7	13.7	4.1	354.1
Domestic use	93.9	43.6	9.1	81.2	7.4	1.1	7.3	11.5	3.8	258.7
- Human	41.1	0.4	8.1	4.7	3.0	0.2	1.1	0.1	0.0	58.5
- Seed	4.6	2.1	0.4	0.4	0.3	0.0	0.4	0.5	0.3	9.0
- Industrial	9.4	6.7	0.1	11.9	1.5	0.0	0.1	0.4	0.2	30.3
o.w. bioethanol	3.4	0.4	0.0	6.8	0.9	0.0	0.0	0.3	*0.0*	*11.9*
- Animal feed	38.8	34.4	0.5	64.2	2.6	0.9	5.7	10.5	3.3	160.9
Losses (excl. on-farm)	0.8	0.3	0.0	0.4	0.0	0.0	0.0	0.1	0.0	1.8
Exports	33.0	9.5	0.8	5.2	0.2	0.0	0.1	0.0	0.0	48.9
Total use	126.9	53.1	9.9	86.4	7.6	1.1	7.4	11.5	3.8	307.6
Ending stocks	13.2	4.1	1.5	20.0	1.2	1.1	1.3	2.1	0.3	44.7
- Market	13.2	4.1	1.5	20.0	1.2	1.1	1.3	2.1	0.3	44.7
- Intervention	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Change in stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Change in public stocks	4.3	-0.4	-0.7	-0.4	0.4	-0.2	0.1	0.0	-0.1	2.9
Self-sufficiency rate %	138.4	119.2	85.1	89.2	105.5	82.2	103.0	100.3	94.7	113.4

Note: the cereal marketing year is July-June.

TABLE 1.7 EU-27 cereal balance sheet 2020/2021 (million t)

	Soft wheat	Barley	Durum wheat	Maize	Rye	Sorghum	Oats	Triticale	Others	TOTAL
Beginning stocks	9.6	4.4	1.7	21.8	0.8	1.8	0.4	1.8	0.3	42.7
Gross production	*119.3*	*54.4*	*7.4*	*68.3*	*8.9*	*1.1*	*8.5*	*12.3*	*3.6*	*283.8*
Usable production	118.3	54.0	7.3	68.0	8.7	1.1	8.4	12.1	3.4	281.3
Imports	2.0	1.2	2.9	14.5	0.1	0.0	0.0	0.0	0.2	21.1
Availability	129.9	59.6	12.0	104.3	9.6	2.9	8.8	13.9	4.0	345.0
Domestic use	92.9	44.1	9.0	79.9	8.6	1.6	7.4	11.7	3.6	258.6
- Human	41.0	0.4	8.1	4.7	3.0	0.2	1.1	0.1	0.0	58.4
- Seed	4.6	2.1	0.4	0.4	0.3	0.0	0.4	0.5	0.3	9.0
- Industrial	9.1	6.0	0.1	11.3	1.5	0.0	0.1	0.4	0.2	28.7
o.w. bioethanol	3.1	0.4	0.0	6.2	0.9	0.0	0.0	0.3	*0.0*	*11.0*
- Animal feed	38.2	35.6	0.4	63.5	3.8	1.4	5.8	10.7	3.1	162.5
Losses (excl. on-farm)	0.7	0.3	0.0	0.4	0.1	0.0	0.1	0.1	0.0	1.7
Exports	27.4	10.6	0.8	3.7	0.2	0.0	0.1	0.0	0.0	42.9
Total use	120.3	54.7	9.8	83.6	8.7	1.6	7.5	11.7	3.6	301.5
Ending stocks (30.06.17)	8.9	4.5	2.2	20.3	0.8	1.3	1.2	2.1	0.4	41.8
- Market	8.9	4.5	2.2	20.3	0.8	1.3	1.2	2.1	0.4	41.8
- Intervention	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Change in stocks	-0.7	0.1	0.4	-1.5	0.0	-0.5	0.9	0.3	0.0	-0.9
Change in public stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Self-sufficiency rate %	127.4	122.4	81.8	85.1	101.8	67.5	114.0	103.4	96.7	108.8

Note: the cereal marketing year is July-June.

TABLE 1.8 EU-27 oilseeds balance (million t)

	EU-27							*% variation*			
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22e	2022/23f	*21/20*	*2021 vs 5-yr. av.*	*22/21*	*2022 vs 5-yr. av.*
Production	29.5	32.9	30.8	28.4	28.4	30.2	32.2	*6.5*	*2.2*	*6.4*	*7.9*
Rapeseed	18.3	19.9	18.0	15.4	16.7	17.0	18.1	*1.9*	*-3.7*	*6.5*	*5.1*
Soya beans	2.5	2.7	2.8	2.7	2.6	2.7	2.9	*2.0*	*0.0*	*7.2*	*6.5*
Sunflower	8.7	10.4	10.0	10.2	9.1	10.5	11.2	*16.2*	*8.0*	*6.0*	*9.6*
Domestic use	46.0	48.3	49.2	49.8	50.7	48.8	50.7	*-3.7*	*-0.6*	*3.8*	*2.8*
Rapeseed	21.9	22.9	22.1	21.5	23.3	21.4	21.8	*-8.2*	*-3.8*	*1.8*	*-1.6*
of which crushing	21.1	22.1	21.3	20.8	22.5	20.7	21.0	*-8.2*	*-3.8*	*1.8*	*-1.6*
Soya beans	15.3	15.2	17.2	17.7	17.9	16.9	17.7	*-5.6*	*0.7*	*4.7*	*2.2*
of which crushing	13.5	13.4	15.2	15.6	15.8	14.9	15.6	*-5.6*	*0.6*	*4.6*	*2.2*
Sunflower	8.8	10.2	9.9	10.6	9.5	10.5	11.2	*10.6*	*6.5*	*6.3*	*9.5*
of which crushing	7.7	9.1	8.8	9.3	8.4	9.3	9.9	*10.7*	*6.1*	*6.5*	*9.3*
Imports	18.3	18.2	19.3	21.7	21.6	19.9	19.3	*-8.3*	*0.5*	*-2.7*	*-4.7*
Rapeseed	4.1	4.2	4.3	6.0	5.8	4.9	4.0	*-15.5*	*2.9*	*-18.4*	*-20.1*
Soya beans	13.4	13.5	14.4	14.7	15.0	14.5	15.0	*-3.5*	*2.1*	*3.4*	*3.1*
Sunflower	0.8	0.6	0.5	1.0	0.8	0.5	0.3	*-45.0*	*-38.0*	*-29.3*	*-50.0*
Exports	1.1	1.3	1.1	1.1	1.0	1.0	0.8	*-2.3*	*-9.6*	*-17.1*	*-22.8*
Rapeseed	0.4	0.3	0.3	0.3	0.2	0.5	0.3	*188.8*	*59.1*	*-37.2*	*0.0*
Soya beans	0.2	0.3	0.2	0.2	0.2	0.2	0.2	*10.0*	*-6.0*	*3.0*	*0.0*
Sunflower	0.5	0.7	0.6	0.6	0.7	0.3	0.3	*-55.3*	*-50.8*	*1.7*	*-50.0*
Ending stocks	3.7	5.1	4.9	4.0	2.3	2.6	2.6	*11.6*	*-38.6*	*0.0*	*-32.8*
Rapeseed	1.2	2.1	2.0	1.5	0.5	0.5	0.5	*0.0*	*-68.3*	*0.0*	*-62.5*
Soya beans	1.6	2.1	2.0	1.5	1.1	1.2	1.2	*9.1*	*-28.6*	*0.0*	*-23.2*
Sunflower	0.9	0.9	0.9	1.0	0.7	0.9	0.9	*23.8*	*-4.0*	*0.0*	*-3.8*
Self-sufficiency rate %	64.3	68.2	62.6	57.0	56.0	62.0	63.5				

Note: the oilseed marketing year is July-June.

TABLE 1.9 EU-27 oilmeals balance (million t)

	EU-27							% variation			
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22e	2022/23f	21/20	2021 vs 5-yr. av.	22/21	2022 vs 5-yr. av.
Production	27.0	28.1	29.0	29.3	29.9	28.7	29.7	-4.2	-0.5	3.8	2.6
Rapeseed	12.0	12.6	12.1	11.9	12.8	11.8	12.0	-8.2	-3.8	1.8	-1.6
Soya beans	10.7	10.6	12.0	12.3	12.5	11.7	12.3	-5.6	0.6	4.6	2.2
Sunflower	4.3	5.0	4.9	5.1	4.6	5.1	5.5	10.7	6.1	6.5	9.3
Domestic use	45.7	47.5	47.7	47.5	47.5	46.1	46.0	-3.1	-3.1	-0.1	-3.1
Rapeseed	11.7	12.4	12.2	11.7	12.5	11.8	11.9	-6.3	-2.9	1.3	-1.8
Soya beans	26.7	27.2	27.9	28.3	28.3	27.7	28.2	-2.1	-0.4	2.0	1.0
Sunflower	7.2	7.9	7.6	7.5	6.7	6.6	5.9	-1.2	-11.0	-11.0	-19.0
Imports	20.4	21.2	20.3	20.3	19.8	19.3	18.2	-2.3	-5.2	-5.7	-9.6
Rapeseed	0.3	0.4	0.6	0.5	0.5	0.6	0.5	28.6	38.1	-16.3	0.0
Soya beans	16.7	17.4	16.5	16.8	16.6	16.7	16.7	0.6	0.0	0.0	0.0
Sunflower	3.4	3.5	3.2	3.0	2.7	2.0	1.0	-25.5	-37.9	-50.0	-66.5
Exports	1.7	1.8	1.7	2.0	2.1	1.9	1.9	-11.6	0.9	1.0	-0.7
Rapeseed	0.6	0.5	0.5	0.6	0.8	0.6	0.6	-16.8	6.2	-5.3	0.0
Soya beans	0.7	0.7	0.7	0.8	0.8	0.8	0.8	-1.4	4.5	-1.1	0.0
Sunflower	0.4	0.6	0.5	0.6	0.6	0.5	0.6	-18.1	-10.7	12.0	0.0
Ending stocks	0.5	0.5	0.5	0.5	0.5	0.5	0.5	-0.1	0.0	0.1	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	0.2	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
Self-sufficiency rate %	59.1	59.2	60.9	61.6	62.9	62.2	64.6				

Note: the oilmeals marketing year is July-June.

TABLE 1.10 EU-27 vegetable oils balance (million t)

	EU-27							% variation			
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22e	2022/23f	21/20	2021 vs 5-yr. av.	22/21	2022 vs 5-yr. av.
Production	14.6	15.5	15.5	15.6	15.9	15.4	15.9	-3.5	-1.0	3.5	2.5
Rapeseed	8.7	9.0	8.7	8.5	9.2	8.5	8.6	-8.2	-3.8	1.8	-1.6
Soya beans	2.7	2.7	3.0	3.1	3.2	3.0	3.1	-5.6	0.6	4.6	2.2
Sunflower	3.3	3.8	3.7	3.9	3.5	3.9	4.2	10.7	6.1	6.5	9.3
Palm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Domestic use	20.9	22.3	22.9	23.7	22.2	21.3	20.3	-3.8	-5.1	-4.6	-9.4
Rapeseed	8.5	9.0	9.0	8.6	8.8	8.6	8.7	-2.8	-2.6	1.3	-1.3
Soya beans	2.0	1.9	2.4	2.7	2.6	2.6	2.6	-2.8	9.5	-0.4	0.8
Sunflower	4.1	4.7	4.7	5.5	4.5	5.0	4.7	10.4	7.1	-5.2	-1.8
Palm	6.2	6.6	6.8	6.9	6.2	5.2	4.4	-16.0	-20.8	-15.9	-33.3
Imports	8.6	9.1	9.7	10.4	8.8	7.8	6.1	-11.1	-14.6	-22.2	-33.6
Rapeseed	0.2	0.3	0.5	0.5	0.3	0.5	0.4	59.2	40.2	-15.0	0.0
Soya beans	0.3	0.3	0.4	0.5	0.5	0.4	0.3	-7.0	14.7	-43.9	-42.5
Sunflower	1.6	1.6	1.7	2.3	1.7	1.5	0.8	-11.3	-10.3	-44.3	-50.0
Palm	6.5	6.9	7.1	7.1	6.3	5.4	4.6	-14.8	-20.7	-15.0	-32.2
Exports	2.3	2.3	2.3	2.3	2.6	1.9	1.7	-26.5	-17.7	-11.6	-26.6
Rapeseed	0.4	0.3	0.3	0.4	0.7	0.4	0.4	-44.6	10.9	-8.8	0.0
Soya beans	1.0	1.0	1.0	0.9	1.0	0.9	0.8	-13.8	-15.5	-5.9	-17.5
Sunflower	0.7	0.7	0.7	0.8	0.7	0.5	0.3	-38.7	-38.7	-33.3	-59.1
Palm	0.2	0.3	0.2	0.2	0.1	0.2	0.2	39.7	-12.1	7.6	0.0
Ending stocks	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-0.1	-0.2	0.0	0.0
Rapeseed	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	-0.2	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	-0.2	-0.1	0.0
Palm	0.5	0.5	0.5	0.5	0.5	0.5	0.5	-0.2	0.0	0.2	0.0
Self-sufficiency rate %	70.0	69.7	67.7	65.7	71.8	72.1	78.3				

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

TABLE 1.11 EU-27 protein crops balance (million t)

	EU-27							% variation			
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22e	2022/23f	21/20	2021 vs 5-yr. av.	22/21	2022 vs 5-yr. av.
Production	4 616	5 185	4 075	3 966	4 445	4 550	5 211	*2.4*	*3.9*	*14.5*	*19.6*
Field peas	2 124	2 606	1 895	2 012	1 988	2 131	2 469	*7.2*	*4.4*	*15.9*	*20.8*
Broad beans	1 272	1 383	997	1 033	1 258	1 222	1 516	*-2.8*	*2.9*	*24.1*	*29.5*
Lentils	75	88	114	110	116	132	113	*13.6*	*26.4*	*-13.9*	*0.0*
Lupins	296	264	186	215	346	351	374	*1.3*	*35.9*	*6.7*	*36.2*
Chickpeas	98	172	205	173	137	181	175	*31.8*	*12.7*	*-3.2*	*0.0*
other dry pulses	751	672	678	423	600	533	563	*-11.1*	*-17.9*	*5.5*	*-6.5*
Domestic use	4 553	5 584	5 144	4 841	5 425	5 590	6 152	*3.0*	*8.8*	*10.0*	*14.3*
Field peas	1 542	2 355	2 339	2 170	2 334	2 484	2 760	*6.4*	*8.9*	*11.1*	*17.8*
Broad beans	1 036	1 194	743	885	1 011	1 066	1 310	*5.4*	*9.0*	*22.9*	*32.7*
Lentils	286	292	304	329	327	324	316	*-0.8*	*5.4*	*-2.7*	*-0.9*
Lupins	444	465	408	383	530	535	564	*1.0*	*22.0*	*5.4*	*20.6*
Chickpeas	197	266	334	300	247	287	288	*16.0*	*5.8*	*0.4*	*1.3*
other dry pulses	1 048	1 012	1 016	774	977	895	915	*-8.4*	*-10.6*	*2.2*	*-4.8*
Imports	983	1 426	1 680	1 425	1 581	1 514	1 516	*-4.3*	*2.5*	*0.1*	*0.6*
Field peas	141	417	666	385	574	558	516	*-2.8*	*21.5*	*-7.4*	*0.0*
Broad beans	36	109	78	114	82	73	90	*-11.2*	*-18.8*	*23.2*	*0.0*
Lentils	217	209	196	227	218	198	208	*-9.0*	*-7.7*	*5.2*	*0.0*
Lupins	148	202	222	169	184	185	190	*0.5*	*-0.1*	*2.9*	*0.0*
Chickpeas	113	126	153	154	126	113	135	*-10.1*	*-16.1*	*19.2*	*0.0*
other dry pulses	328	362	366	376	398	387	376	*-2.7*	*5.3*	*-2.8*	*0.0*
Exports	1 047	1 026	611	550	601	473	575	*-21.3*	*-36.6*	*21.4*	*-2.1*
Field peas	723	668	222	227	228	205	225	*-10.0*	*-45.3*	*10.1*	*0.0*
Broad beans	271	298	332	262	329	229	296	*-30.3*	*-23.4*	*29.1*	*0.0*
Lentils	6	6	5	8	7	6	6	*-20.7*	*-12.5*	*10.0*	*0.0*
Lupins	0	0	0	0	0	0	0	*-18.5*	*-28.5*	*16.1*	*0.0*
Chickpeas	14	33	24	28	16	8	23	*-51.7*	*-65.3*	*188.4*	*0.0*
other dry pulses	32	22	28	25	21	26	24	*20.9*	*3.2*	*-5.7*	*0.0*
Self-sufficiency rate %	101.4	92.8	79.2	81.9	81.9	81.4	84.7				

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

SUGAR

TABLE 1.12 White sugar balance in the EU (million t white sugar equivalent)

	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22f	19/20 vs 18/19	19/20 vs 5-yr. av.	21/22 vs 20/21	21/22 vs 5-yr. av.
Beginning stocks	4.0	1.9	2.2	2.4	1.8	2.2	1.2	*-24.5*	*-23.5*	*-45.5*	-
White sugar production	14.9	16.8	21.3	17.6	17.5	14.5	16.6	*-1.0*	*-3.0*	*14.5*	-
Imports	2.9	2.5	1.3	1.9	1.8	1.3	1.5	*-3.6*	*-23.3*	*15.4*	-
Availability	21.9	21.2	24.8	22.0	21.1	18.0	19.3	*-3.8*	*-7.6*	*7.2*	-
Domestic use white sugar	18.6	17.7	19.0	18.5	18.0	15.9	16.5	*-3.0*	*-3.9*	*3.8*	-
- Human	16.6	16.2	17.2	17.0	16.4	14.6	15.0	*-3.4*	*-2.6*	*2.7*	-
o.w. net exports in processed products	0.9	1.0	1.0	1.1	1.0	1.8	1.7	*-9.6*	*8.0*	*-5.6*	-
- Industrial	1.9	1.5	1.8	1.6	1.6	1.4	1.5	*1.6*	*-9.9*	*7.1*	-
o.w. bioethanol	1.1	0.8	0.9	0.8	0.8	0.6	0.7	*3.3*	*-17.6*	*16.7*	-
Exports	1.4	1.3	3.4	1.6	0.8	0.9	1.0	*-50.6*	*-45.1*	*11.1*	-
Total use	19.9	19.1	22.3	20.1	18.8	16.8	17.5	*-6.8*	*-7.6*	*4.2*	-
Ending stocks	1.9	2.2	2.4	1.8	2.4	1.2	1.9	*29.0*	*8.5*	*58.3*	-
Change in stocks	-1.0	-0.3	1.1	-0.1	0.5	-0.9	0.6				
Self-sufficiency rate %	80	95	112	95	97	91	101				

Note: the sugar marketing year is October-September.

SPECIALISED CROPS

OLIVE OIL

TABLE 2.1 EU-27 olive oil balance (1 000 t)

	EU-27						% variation			
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22f	20/21 vs 19/20	20/21 vs 5-yr. av.	21/22 vs 20/21	21/22 vs 5-yr. av.
Production	1 742	2 188	2 264	1 920	2 051	2 255	6.8	-1.7	10.0	10.9
Consumption	1 329	1 538	1 449	1 457	1 477	1 585	1.3	0.5	7.3	9.3
Imports	92	182	147	253	168	200	-33.6	8.3	19.3	18.8
Exports	616	624	709	821	804	780	-2.1	18.2	-3.0	9.1
Ending stocks	322	531	783	677	616	706	-9.1	12.0	14.7	20.5
Self-sufficiency rate %	131	142	156	132	139	142				

Note: the olive oil marketing year is October-September.

WINE

TABLE 2.2 EU-27 wine market balance (1 000 t)

	EU-27						% variation			
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22f	20/21 vs 19/20	20/21 vs 5-yr. av.	21/22 vs 20/21	21/22 vs 5-yr. av.
Area (million ha)	3.2	3.2	3.2	3.2	3.2	3.2	-0.8	-0.3	-0.3	-0.6
Yield (t/ha)	48.8	41.7	54.3	44.7	49.2	48.0	10.0	3.8	-2.4	0.9
Vinified production	155 915	133 761	174 433	144 033	157 177	152 924	9.1	3.7	-2.7	0.4
Domestic use	124 922	128 257	129 267	124 696	129 716	132 924	4.0	1.8	2.5	4.3
of which human consumption	*99 925*	*103 259*	*104 268*	*99 696*	*96 716*	*102 000*	-3.0	-5.6	5.5	1.0
of which other uses	*24 997*	*24 998*	*24 999*	*25 000*	*33 000*	*25 000*	32.0	32.0	-24.2	0.0
per capita consumption (l)	*22.4*	*23.2*	*23.3*	*22.3*	*21.6*	*22.7*	-3.1	-6.1	5.4	0.5
Imports	8 293	8 299	7 845	7 679	7 486	7 400	-2.5	-8.1	-1.2	-6.8
Exports	31 152	30 701	30 355	29 307	32 111	34 000	9.6	6.6	5.9	10.6
Ending stocks	164 852	147 954	170 610	168 319	171 155	170 480	1.7	4.8	-0.4	1.5
Self-sufficiency rate %	125	104	135	116	121	115				

Note: the wine marketing year is August-July.

APPLES

TABLE 2.3 EU-27 apple market balance (1 000 t)

	EU-27							% variation			
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22f	20/21 vs 19/20	20/21 vs 5-yr. av.	21/22 vs 20/21	21/22 vs 5-yr. av.
Area (1000 ha)	523	503	502	504	491	478	477	-2.6	-4.9	-0.4	-4.4
Yield (t/ha)	24	24	19	26	24	25	25	4.6	4.0	2.1	4.5
Gross production	12 308	12 112	9 595	13 333	11 585	11 809	12 015	1.9	-1.6	1.7	1.5
Losses and feed use	751	730	637	710	658	657	661	-0.1	-6.0	0.6	-2.0
EU usable production	11 557	11 382	8 957	12 624	10 928	11 152	11 353	2.1	-1.2	1.8	1.8
Production for fresh consumption	8 039	7 914	6 004	6 794	7 152	6 405	6 053	-10.4	-12.1	-5.5	-10.8
Exports (fresh)	1 791	1 690	916	1 398	1 162	1 101	950	*-5.2*	*-22.3*	*-13.7*	*-22.2*
Imports (fresh)	326	308	412	361	383	327	376	*-14.6*	*-8.4*	*15.1*	*5.4*
Consumption (fresh)	6 540	6 467	5 821	5 349	6 594	5 515	5 411	*-16.4*	*-12.1*	*-1.9*	*-8.8*
per capita consumption (fresh/kg)	*14.7*	*14.5*	*13.1*	*12.0*	*14.7*	*12.3*	*12.1*	*-16.4*	*-12.7*	*-2.0*	*-9.3*
Stocks fresh apples*	*404*	*469*	*149*	*556*	*335*	*451*	*520*	*34.6*	*12.0*	*15.2*	*24.2*
Change in fresh apple stocks	*35*	*65*	*-320*	*407*	*-221*	*116*	*69*				
Production for processed	3 518	3 468	2 953	5 830	3 776	4 747	5 300	*25.7*	*32.3*	*11.7*	*32.6*
Exports (processed)	1 077	1 203	995	1 926	1 343	1 015	1 350	*-24.4*	*-16.0*	*33.1*	*13.8*
Imports (processed)	1 104	1 022	1 673	1 158	1 225	1 106	900	*-9.8*	*-4.9*	*-18.6*	*-22.6*
Consumption (processed)	3 545	3 288	3 632	5 062	3 658	4 838	4 850	*32.2*	*34.0*	*0.2*	*20.0*
per capita consumption (processed/kg)	*8.0*	*7.4*	*8.1*	*11.3*	*8.2*	*10.8*	*10.8*	*32.1*	*33.3*	*0.1*	*19.6*
Self-sufficiency rate (processed) %	99	105	81	115	103	98	109				
Self-sufficiency rate (fresh) %	123	122	103	127	108	116	112				

** stocks by the beginning of July.*
Note: the apple marketing year is August-July.

ORANGES

TABLE 2.4 EU-27 oranges market balance (1 000 t fresh equivalent)

	EU-27							% variation			
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22f	20/21 vs 19/20	20/21 vs 5-yr. av.	21/22 vs 20/21	21/22 vs 5-yr. av.
Area (million ha)	286	279	272	274	272	275	273	*1.2*	*0.1*	*-0.8*	*-0.3*
Yield (t/ha)	21	23	23	24	22	23	24	*3.4*	*2.5*	*5.1*	*6.5*
Production (total)	5 931	6 325	6 206	6 515	6 102	6 387	6 660	*4.7*	*2.8*	*4.3*	*5.6*
Production (fresh)	4 645	4 834	5 052	5 206	5 254	5 381	5 360	*2.4*	*7.0*	*-0.4*	*3.7*
Consumption (fresh)	5 038	5 276	5 518	5 593	5 797	5 829	5 770	*0.5*	*6.7*	*-1.0*	*2.4*
per capita consumption (fresh/kg)	*11.3*	*11.9*	*12.4*	*12.5*	*13.0*	*13.0*	*12.9*	*0.4*	*6.2*	*-1.1*	*2.0*
Imports (fresh)	837	861	909	881	960	858	860	*-10.7*	*-2.9*	*0.2*	*-2.7*
Exports (fresh)	445	419	443	494	417	410	450	*-1.7*	*-5.8*	*9.7*	*5.5*
Production (for processed)	1 286	1 491	1 154	1 309	848	1 006	1 300	*18.6*	*-19.5*	*29.2*	*12.4*
Consumption (processed)	5 195	4 380	3 929	3 918	3 372	3 399	3 450	*0.8*	*-16.6*	*1.5*	*-8.0*
per capita consumption (processed/kg)	*11.7*	*9.8*	*8.8*	*8.8*	*7.5*	*7.6*	*7.7*	*0.7*	*-17.0*	*1.4*	*-8.3*
Imports (processed)	5 374	4 432	4 389	4 189	4 186	3 537	3 300	*-15.5*	*-18.5*	*-6.7*	*-22.4*
Exports (processed)	1 465	1 543	1 614	1 580	1 663	1 143	1 150	*-31.2*	*-27.6*	*0.6*	*-27.2*
Self-sufficiency rate (processed) %	25	34	29	33	25	30	38				
Self-sufficiency rate (fresh) %	92	92	92	93	91	92	93				

Note: the oranges marketing year is October-September.

PEACHES AND NECTARINES

TABLE 2.5 EU-27 peaches and nectarines market balance (1 000 t)

	EU-27						% variation			
	2016	2017	2018	2019	2020	2021	20/19	2020 vs 5-yr. av.	21/20	2021 vs 5-yr. av.
Area (1000 ha)	225	222	215	207	195	195	*-5.6*	*-11.4*	*-0.2*	*-9.2*
Yield (t/ha)	15	16	14	16	14	15	*-10.9*	*-6.5*	*3.3*	*-1.9*
Production (total)	3 986	4 362	3 838	4 049	3 483	3 358	*-14.0*	*-14.5*	*-3.6*	*-15.2*
Production (fresh)	3 312	3 622	3 115	3 331	2 801	2 888	*-15.9*	*-16.9*	*3.1*	*-11.2*
of which IT, EL, ES and FR	3 179	3 491	2 991	3 205	2 726	2 790	*-14.9*	*-15.7*	*2.4*	*-10.7*
Consumption (fresh)	3 024	3 297	2 916	3 095	2 660	2 794	*-14.1*	*-13.5*	*5.1*	*-7.2*
per capita consumption (fresh/kg)	*6.8*	*7.4*	*6.5*	*6.9*	*5.9*	*6.2*	*-14.2*	*-14.0*	*4.9*	*-7.6*
Imports (fresh)	24	19	27	24	39	43	*61.3*	*66.1*	*10.3*	*70.9*
Exports (fresh)	312	344	227	259	180	137	*-30.5*	*-40.9*	*-23.9*	*-48.4*
Area (1000ha)	196	193	186	178	167	169	*-6.3*	*-13.0*	*1.6*	*-8.7*
Yield (t/ha)	17	19	17	19	17	17	*-10.2*	*-4.6*	*1.5*	*-2.4*
Production (for processed)	675	740	722	718	681	469	*-5.1*	*-5.0*	*-31.1*	*-33.6*
of which EL and ES	583	643	638	629	600	390	*-4.6*	*-4.4*	*-34.9*	*-37.3*
Consumption (processed)	525	601	578	562	498	313	*-11.5*	*-12.0*	*-37.2*	*-43.7*
per capita consumption (processed/kg)	*1.2*	*1.3*	*1.3*	*1.3*	*1.1*	*.7*	*-11.6*	*-12.3*	*-37.2*	*-43.9*
Imports (processed) [1]	10	11	8	7	6	9	*-5.8*	*-31.4*	*38.5*	*3.6*
Exports (processed) [1]	160	150	153	163	190	165	*17.0*	*20.0*	*-13.0*	*4.4*
Area (1000ha)	29	29	29	29	29	26	*-1.3*	*-0.4*	*-10.7*	*-11.1*
Yield (t/ha)	24	26	25	25	24	18	*-3.8*	*-5.0*	*-22.9*	*-24.7*
Self-sufficiency rate (processed) %	129	123	125	128	137	150				
Self-sufficiency rate (fresh) %	110	110	107	108	105	103				

[1] canned and dried peaches in fresh equivalent.
Note: figures are in calendar year.

Correction 07/04/22: self-sufficiency rate for processed and fresh

TOMATOES

TABLE 2.6 EU-27 tomatoes market balance (1 000 t fresh equivalent)

	EU-27						% variation			
	2016	2017	2018	2019	2020	2021	20/19	2020 vs 5-yr. av.	21/20	2021 vs 5-yr. av.
Production (total)	17 791	17 861	16 244	16 805	16 327	17 508	*-2.8*	*-6.5*	*7.2*	*3.1*
Production (fresh)	7 050	6 756	6 752	6 462	6 333	6 218	*-2.0*	*-5.7*	*-1.8*	*-6.6*
Consumption (fresh)	7 009	6 791	6 846	6 584	6 512	6 555	*-1.1*	*-3.4*	*0.7*	*-2.7*
per capita consumption (fresh/kg)	*15.7*	*15.2*	*15.3*	*14.7*	*14.5*	*14.6*	*-1.2*	*-3.7*	*0.6*	*-3.1*
Imports (fresh)	481	528	576	583	621	705	*6.4*	*17.5*	*13.6*	*25.4*
Exports (fresh)	522	492	482	461	442	368	*-4.2*	*-11.5*	*-16.7*	*-23.1*
Production (processed)	10 740	11 105	9 492	10 343	9 994	11 291	*-3.4*	*-6.9*	*13.0*	*9.0*
of which ES,IT, PT	9 728	10 104	8 648	9 411	9 078	10 300	*-3.5*	*-6.8*	*13.5*	*9.5*
other EU countries	1 012	1 001	844	932	916	991	*-1.7*	*-6.7*	*8.1*	*4.3*
Consumption (processed)	9 395	9 102	7 182	7 846	7 648	9 924	*-2.5*	*-12.9*	*29.8*	*21.0*
per capita consumption (processed/kg)	*21.1*	*20.4*	*16.1*	*17.5*	*17.1*	*22.1*	*-2.6*	*-13.3*	*29.6*	*20.7*
Imports (processed) [1]	2 739	2 166	2 082	2 130	2 371	3 064	*11.3*	*6.8*	*29.2*	*37.9*
Exports (processed) [1]	4 085	4 169	4 392	4 627	4 717	4 431	*2.0*	*11.9*	*-6.1*	*0.8*
Self-sufficiency rate (processed) %	114	122	132	132	131	114				
Self-sufficiency rate (fresh) %	101	99	99	98	97	95				

[1] in fresh equivalent.
** consumption also includes stock variation.*

Note: figures are in calendar year.
Correction 07/04/22: self-sufficiency rate for processed and fresh

DAIRY

TABLE 3.1 EU-27 milk supply and utilisation

	EU-27						% variation				
	2017	2018	2019	2020	2021e	2022f	18/17	19/18	20/19	21/20	22/21
Dairy cows (million heads)[1]	21.2	20.8	20.5	20.3	20.0	19.8	*-1.8*	*-1.2*	*-1.1*	*-1.5*	*-1.0*
Milk yield (kg/dairy cow)[2]	6 975	7 160	7 306	7 474	7 562	7 635	*2.7*	*2.0*	*2.3*	*1.2*	*1.0*
Milk production (million t)	149.9	151.3	152.6	154.4	153.9	153.9	*0.9*	*0.9*	*1.2*	*-0.3*	*0.0*
Feed use (million t)	3.3	3.2	3.3	3.3	3.4	3.4	*-0.9*	*3.7*	*-1.3*	*2.8*	*0.4*
On farm use and direct sales (mio t)	5.8	5.8	6.2	5.7	5.7	5.7	*0.2*	*7.3*	*-8.6*	*-0.4*	*0.0*
Delivered to dairies (million t)	140.9	142.3	143.0	145.5	144.9	144.9	*1.0*	*0.5*	*1.7*	*-0.4*	*0.0*
Delivery ratio (%)[3]	94.0	94.0	93.7	94.2	94.1	94.1	*0.1*	*-0.3*	*0.5*	*-0.1*	*0.0*
Fat content of milk (%)	4.0	4.0	4.1	4.1	4.1	4.1	*-0.5*	*1.0*	*0.5*	*0.2*	*0.0*
Protein content of milk (%)	3.5	3.5	3.5	3.5	3.5	3.5	*0.0*	*0.2*	*-0.8*	*0.0*	*0.0*

[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 (dairy cows represent 99.7% of EU total production).

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

TABLE 3.2 EU-27 fresh dairy products market balance (1 000 t)

	EU-27						% variation				
	2017	2018	2019	2020	2021e	2022f	18/17	19/18	20/19	21/20	22/21
Production	38 366	38 069	38 271	38 603	38 554	38 506	*-0.8*	*0.5*	*0.9*	*-0.1*	*-0.1*
of which Drinking Milk	23 789	23 364	23 424	23 890	23 771	23 652	*-1.8*	*0.3*	*2.0*	*-0.5*	*-0.5*
of which Cream	2 478	2 421	2 473	2 451	2 500	2 525	*-2.3*	*2.2*	*-0.9*	*2.0*	*1.0*
of which Acidified Milk	7 873	7 913	7 731	7 781	7 586	7 586	*0.5*	*-2.3*	*0.6*	*-2.5*	*0.0*
of which other Fresh Products[2]	4 226	4 371	4 643	4 481	4 696	4 743	*3.4*	*6.2*	*-3.5*	*4.8*	*1.0*
Imports	804	885	825	753	624	624	*10.1*	*-6.8*	*-8.7*	*-17.1*	*0.0*
Exports	1 448	1 434	1 649	1 781	1 965	2 063	*-1.0*	*15.0*	*8.0*	*10.3*	*5.0*
Domestic use[1]	37 722	37 521	37 447	37 576	37 213	37 068	*-0.5*	*-0.2*	*0.3*	*-1.0*	*-0.4*
per capita consumption (kg)	*85.0*	*84.5*	*84.2*	*84.4*	*83.6*	*83.3*	*-0.7*	*-0.3*	*0.3*	*-1.0*	*-0.4*
Self-sufficiency rate (%)	102	101	102	103	104	104					

[1] Domestic use includes stock changes.

[2] Includes buttermilk, drinks with milk base and other fresh commodities.

Notes: The figures on imports and exports are referring to total trade, i.e. including inward processing. The figures on production were updated with the update of Eurostat database on 14th September.

TABLE 3.3 EU-27 cheese market balance (1 000 t)

	EU-27						% variation				
	2017	2018	2019	2020	2021e	2022f	18/17	19/18	20/19	21/20	22/21
Production (in dairies)	9 797	9 878	10 157	10 299	10 458	10 513	*0.8*	*2.8*	*1.4*	*1.5*	*0.5*
of which from pure cow's milk	8 910	8 953	9 271	9 389	9 538	9 586	*0.5*	*3.5*	*1.3*	*1.6*	*0.5*
2016	887	925	886	910	920	928	*4.3*	*-4.3*	*2.7*	*1.1*	*0.8*
Processed cheese impact[2]	367	391	394	382	383	385	*6.5*	*0.7*	*-3.1*	*0.4*	*0.4*
Total production	10 165	10 270	10 551	10 680	10 841	10 898	*1.0*	*2.7*	*1.2*	*1.5*	*0.5*
Imports[3]	191	197	212	223	196	196	*3.1*	*7.7*	*5.1*	*-11.9*	*0.0*
Exports	1 275	1 279	1 348	1 402	1 385	1 413	*0.3*	*5.4*	*4.0*	*-1.2*	*2.0*
Domestic use	9 081	9 188	9 415	9 487	9 667	9 682	*1.2*	*2.5*	*0.8*	*1.9*	*0.2*
Stocks change	0	0	0	15	- 15	0					
Processing use	306	328	331	319	321	322	*7.1*	*0.9*	*-3.6*	*0.5*	*0.5*
Human consumption	8 775	8 860	9 084	9 168	9 347	9 360	*1.0*	*2.5*	*0.9*	*2.0*	*0.1*
per capita consumption (kg)	*19.8*	*19.9*	*20.4*	*20.6*	*21.*	*21.*	*0.8*	*2.4*	*0.9*	*1.9*	*0.2*
Self-sufficiency rate (%)	112	112	112	113	112	113					

[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.

TABLE 3.4 EU-27 whey market balance (1 000 t)

	EU-27						% variation				
	2017	2018	2019	2020	2021e	2022f	18/17	19/18	20/19	21/20	22/21
Production	1 909	1 993	2 099	2 102	2 176	2 219	*4.4*	*5.3*	*0.1*	*3.5*	*2.0*
Imports	70	65	69	52	42	42	*-7.5*	*5.7*	*-24.6*	*-19.1*	*0.0*
Exports	603	635	638	692	715	725	*5.3*	*0.4*	*8.5*	*3.2*	*1.5*
Domestic use	1 377	1 423	1 530	1 462	1 503	1 536	*3.4*	*7.5*	*-4.5*	*2.8*	*2.2*
Self-sufficiency rate (%)	139	140	137	144	145	144					

TABLE 3.5 EU-27 butter market balance (1 000 t)

	EU-27						% variation				
	2017	2018	2019	2020	2021e	2022f	18/17	19/18	20/19	21/20	22/21
Production	2 253	2 284	2 350	2 375	2 339	2 343	*1.4*	*2.9*	*1.1*	*-1.5*	*0.2*
Imports	42	51	55	36	35	35	*23.6*	*7.2*	*-34.9*	*-2.0*	*0.0*
Exports	242	231	288	303	254	254	*-4.3*	*24.5*	*5.3*	*-16.1*	*0.0*
Domestic use	2 062	2 089	2 102	2 107	2 120	2 124	*1.3*	*0.6*	*0.3*	*0.6*	*0.2*
per capita consumption (kg)	*4.6*	*4.7*	*4.7*	*4.7*	*4.8*	*4.8*	*1.2*	*0.5*	*0.2*	*0.6*	*0.2*
Ending stocks	105	120	135	135	135	135					
Private	105	120	135	135	135	135					
Public (intervention)	0	0	0	0	0	0					
Stocks change	- 9	15	15	0	0	0					
Self-sufficiency rate (%)	109	109	112	113	110	110					

Note: 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.

TABLE 3.6 EU-27 skimmed milk powder market balance (1 000 t)

	EU-27						% variation				
	2017	2018	2019	2020	2021e	2022f	18/17	19/18	20/19	21/20	22/21
Production	1 448	1 465	1 460	1 507	1 413	1 435	*1.2*	*-0.3*	*3.2*	*-6.2*	*1.5*
Imports	55	46	56	36	32	32	*-15.6*	*20.3*	*-34.9*	*-11.9*	*0.0*
Exports	794	826	945	831	789	812	*4.1*	*14.5*	*-12.1*	*-5.1*	*3.0*
Domestic use	755	822	792	712	677	654	*8.9*	*-3.7*	*-10.1*	*-4.9*	*-3.3*
Ending stocks	448	311	90	90	70	70					
Private (industry)	80	220	90	90	70	70					
Public (intervention)	368	91	0	0	0	0					
Stocks change	- 46	- 137	- 221	0	- 20	0					
Self-sufficiency rate (%)	192	178	184	212	209	219					

TABLE 3.7 EU-27 whole milk powder market balance (1 000 t)

	EU-27						% variation				
	2017	2018	2019	2020	2021e	2022f	18/17	19/18	20/19	21/20	22/21
Production	748	698	710	728	684	660	*-6.7*	*1.7*	*2.5*	*-6.0*	*-3.5*
Imports	34	43	42	27	11	11	*25.3*	*-2.2*	*-34.9*	*-59.3*	*0.0*
Exports	404	346	315	345	298	283	*-14.2*	*-9.0*	*9.4*	*-13.5*	*-5.0*
Domestic use[1]	378	394	437	410	397	388	*4.2*	*10.7*	*-6.0*	*-3.2*	*-2.3*
Self-sufficiency rate (%)	198	177	163	177	172	170					

[1] Domestic use includes stock changes.

MEAT

TABLE 4.1 EU-27 overall meat balance (1 000 t carcass weight equivalent)

	EU-27						% variation				
	2017	2018	2019	2020	2021e	2022f	18/17	19/18	20/19	21/20	22/21
Gross Indigenous Production	43 373	44 446	44 430	44 677	44 693	43 963	*2.5*	*0.0*	*0.6*	*0.0*	*-1.6*
Live Imports	8	7	11	11	9	9					
Live Exports	355	359	352	326	319	308	*1.3*	*-2.1*	*-7.2*	*-2.2*	*-3.5*
Net Production	43 026	44 094	44 089	44 362	44 383	43 664	*2.5*	*0.0*	*0.6*	*0.0*	*-1.6*
Meat Imports	1 520	1 546	1 560	1 328	1 218	1 255	*1.7*	*0.9*	*-14.8*	*-8.3*	*3.0*
Meat Exports	6 406	6 551	7 309	7 939	7 494	7 451	*2.3*	*11.6*	*8.6*	*-5.6*	*-0.6*
Domestic use	38 139	39 089	38 339	37 752	38 107	37 467	*2.5*	*-1.9*	*-1.5*	*0.9*	*-1.7*
Population (mio)	445.9	446.6	447.2	447.2	447.6	448.2	0.2	0.1	0.0	0.1	0.1
per capita consumption (kg)	*68.2*	*69.8*	*68.5*	*67.5*	*68.0*	*66.8*	2.4	-2.0	-1.4	0.8	-1.8
Self-sufficiency (%)	114	114	116	118	117	117					

Note: Meat production data excludes the offal and fat categories (with the exception of pork lard).
Meat per capita consumption is 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.

TABLE 4.2 EU-27 beef/veal market balance (1 000 t carcass weight equivalent)

	EU-27						% variation				
	2017	2018	2019	2020	2021e	2022f	18/17	19/18	20/19	21/20	22/21
Gross Indigenous Production	7 196	7 310	7 197	7 135	7 096	7 028	*1.6*	*-1.5*	*-0.9*	*-0.5*	*-1.0*
Live Imports	2	2	2	2	1	1					
Live Exports	246	246	236	235	214	208	*-0.3*	*-4.0*	*-0.2*	*-8.9*	*-3.0*
Net Production	6 951	7 067	6 964	6 902	6 883	6 821	*1.7*	*-1.5*	*-0.9*	*-0.3*	*-0.9*
Meat Imports	348	371	387	306	284	298	*6.7*	*4.2*	*-20.8*	*-7.3*	*5.0*
Meat Exports	613	595	577	593	567	573	*-2.9*	*-3.0*	*2.8*	*-4.4*	*1.0*
Domestic use	6 686	6 843	6 774	6 616	6 600	6 547	*2.4*	*-1.0*	*-2.3*	*-0.2*	*-0.8*
per capita consumption (kg)	*10.5*	*10.7*	*10.6*	*10.4*	*10.3*	*10.2*	2.2	-1.1	-2.3	-0.3	-0.9
Share in total meat consumption	*17.5*	*17.5*	*17.7*	*17.5*	*17.3*	*17.5*					
Self-sufficiency (%)	108	107	106	108	108	107					

TABLE 4.3 EU-27 pigmeat market balance (1 000 t carcass weight equivalent)

	EU-27						% variation				
	2017	2018	2019	2020	2021e	2022f	18/17	19/18	20/19	21/20	22/21
Gross Indigenous Production	22 802	23 205	23 039	23 242	23 652	22 943	*1.8*	*-0.7*	*0.9*	*1.8*	*-3.0*
Live Imports	1	1	1	1	1	1					
Live Exports	45	51	43	23	39	39	*12.4*	*-14.9*	*-47.9*	*70.7*	*2.1*
Net Production	22 758	23 156	22 996	23 220	23 615	22 905	*1.7*	*-0.7*	*1.0*	*1.7*	*-3.0*
Meat Imports	154	167	162	159	98	107	*8.3*	*-2.9*	*-1.9*	*-38.4*	*9.1*
Meat Exports	3 498	3 580	4 177	4 943	4 747	4 642	*2.3*	*16.7*	*18.3*	*-4.0*	*-2.2*
Domestic use	19 414	19 743	18 981	18 436	18 966	18 370	*1.7*	*-3.9*	*-2.9*	*2.9*	*-3.1*
per capita consumption (kg)	*34.0*	*34.5*	*33.1*	*32.2*	*33.1*	*32.0*	1.5	-4.0	-2.9	2.8	-3.3
Share in total meat consumption	*50.9*	*50.5*	*49.5*	*48.8*	*49.8*	*49.0*					
Self-sufficiency (%)	117	118	121	126	125	125					

TABLE 4.4 EU-27 poultry market balance (1 000 t carcass weight equivalent)

	EU-27						% variation				
	2017	2018	2019	2020	2021e	2022f	18/17	19/18	20/19	21/20	22/21
Gross Indigenous Production	12 752	13 300	13 549	13 673	13 308	13 368	*4.3*	*1.9*	*0.9*	*-2.7*	*0.5*
Live Imports	4	3	3	4	4	4					
Live Exports	10	12	10	8	14	11	*14.8*	*-11.7*	*-23.1*	*68.8*	*-22.2*
Net Production	12 745	13 291	13 542	13 669	13 298	13 361	*4.3*	*1.9*	*0.9*	*-2.7*	*0.5*
Meat Imports	849	836	849	710	710	721	*-1.5*	*1.5*	*-16.4*	*0.1*	*1.5*
Meat Exports	2 241	2 326	2 499	2 345	2 134	2 189	*3.8*	*7.4*	*-6.2*	*-9.0*	*2.6*
Domestic use	11 354	11 800	11 891	12 034	11 874	11 894	*3.9*	*0.8*	*1.2*	*-1.3*	*0.2*
per capita consumption (kg)	*22.4*	*23.3*	*23.4*	*23.7*	*23.3*	*23.4*	3.8	0.6	1.2	-1.4	0.0
Share in total meat consumption	*29.8*	*30.2*	*31.0*	*31.9*	*31.2*	*31.7*					
Self-sufficiency (%)	112	113	114	114	112	112					

TABLE 4.5 EU-27 sheep and goat meat market balance (1 000 t carcass weight equivalent)

	EU-27						% variation				
	2017	2018	2019	2020	2021e	2022f	18/17	19/18	20/19	21/20	22/21
Gross Indigenous Production	623	631	645	628	637	623	*1.2*	*2.3*	*-2.7*	*1.6*	*-2.2*
Live Imports	1	1	4	4	3	3					
Live Exports	53	51	62	61	53	50	*-3.3*	*22.4*	*-2.7*	*-12.8*	*-5.0*
Net Production	572	580	587	571	588	576	*1.6*	*1.2*	*-2.8*	*3.0*	*-2.0*
of which on-farm slaughterings	*98.6*	*97.4*	*103.2*	*106.1*	*134.8*	*132.1*	-1.2	6.0	2.8	27.0	-2.0
Meat Imports	169	172	162	153	126	129	*1.8*	*-5.7*	*-5.5*	*-17.9*	*2.0*
Meat Exports	55	51	56	58	47	49	*-8.4*	*11.2*	*2.3*	*-19.1*	*4.0*
Domestic use	685	702	693	667	667	656	*2.4*	*-1.2*	*-3.8*	*0.1*	*-1.6*
per capita consumption (kg)	*1.4*	*1.4*	*1.4*	*1.3*	*1.3*	*1.3*	2.3	-1.4	-3.8	0.0	-1.8
Share in total meat consumption	*1.8*	*1.8*	*1.8*	*1.8*	*1.8*	*1.8*					
Self-sufficiency (%)	91	90	93	94	96	95					

TABLE 5.1 EU-27 self-sufficiency rate (%)

Crop sectors	EU-27						
	2016	2017	2018	2019	2020	2021	2022
Arable crops							
Overall cereal	106	108	103	113	109	113	116
Soft wheat	119	126	113	137	127	138	142
Barley	112	113	122	126	122	119	121
Durum	103	93	93	83	82	85	82
Maize	91	88	84	83	85	89	93
Rye	97	104	99	114	102	106	109
Sorghum	79	82	95	152	68	82	78
Oats	93	103	100	105	114	103	101
Triticale	97	96	98	121	103	100	95
Others	73	83	80	98	97	95	101
Oilseeds	64	68	63	57	56	62	64
Oilmeals	59	59	61	62	63	62	65
Vegetable oils	70	70	68	66	72	72	78
Protein crops	101	93	79	82	82	81	85
Sugar *	95	112	95	97	91	101	
Specialised crops							
Olive oil	131	131	142	156	132	139	142
Wine	125	104	135	116	121	115	-
Apples (processed)	99	105	81	115	103	98	109
Apples (fresh)	123	122	103	127	108	116	112
Oranges(processed)	25	34	29	33	25	30	38
Oranges (fresh)	92	92	92	93	91	92	93
Peaches & Nectarines (processed)	129	123	125	128	137	150	-
Peaches & Nectarines (fresh)	110	110	107	108	105	103	
Tomatoes (processed)	114	122	132	132	131	114	-
Tomatoes (fresh)	101	99	99	98	97	95	-

** EU + UK for the period 2016-2019.*
Note: Figures for arable crops, olive oil and wine refer to marketing years (200X means 200X/200X+1).
Correction 07/04/22: for Peaches & Nectarines (processed and fresh) and Tomatoes (processed and fresh)

Animal sectors	EU-27						
	2016	2017	2018	2019	2020	2021	2022
Dairy products							
Fresh dairy products	102	102	101	102	103	104	104
Cheese	112	112	112	112	113	112	113
Whey	139	139	140	137	144	145	144
Butter	109	109	109	112	113	110	110
SMP	192	192	178	184	212	209	219
WMP	198	198	177	163	177	172	170
Meat							
Beef/veal	108	108	107	106	108	108	107
Pigmeat	117	117	118	121	126	125	125
Poultry meat	112	112	113	114	114	112	112
Sheep and goat meat	91	91	90	93	94	96	95

TABLE 5.2 Share of EU-27 exports by destination (volume)

		Cereals	Soft wheat	Barley	Sugar	Meat, offal, live	Beef*	Pork*	Poultry*	Infant formula	Dairy products	Cheese 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)
China	2020	20%	0%	20%	50%	1%	2%	1%	8%	2%	0%	43%	2%	5%	0%	0%	0%	10%	61%	0%	83%	32%	0%	48%
	2021	22%	0%	30%	38%	1%	2%	2%	7%	0%	0%	39%	1%	5%	0%	0%	0%	12%	54%	0%	86%	24%	0%	45%
ASEAN	2020	10%	11%	5%	4%	12%	2%	2%	5%	0%	2%	3%	5%	2%	6%	0%	0%	4%	11%	0%	3%	6%	1%	10%
	2021	11%	6%	3%	7%	11%	2%	1%	6%	0%	1%	4%	7%	2%	7%	3%	0%	4%	18%	0%	4%	7%	1%	16%
North Africa	2020	7%	0%	18%	0%	0%	8%	3%	28%	0%	24%	7%	2%	1%	0%	5%	0%	27%	0%	24%	0%	0%	0%	0%
	2021	7%	0%	12%	0%	0%	8%	3%	33%	0%	29%	7%	1%	1%	0%	8%	0%	28%	0%	19%	0%	0%	0%	0%
Other Africa	2020	12%	30%	9%	2%	17%	5%	4%	23%	1%	2%	5%	5%	2%	4%	11%	0%	19%	8%	0%	3%	11%	6%	12%
	2021	12%	35%	10%	3%	22%	6%	4%	22%	1%	2%	6%	5%	2%	5%	9%	0%	18%	13%	0%	3%	12%	6%	17%
Middle East	2020	13%	6%	29%	1%	0%	11%	5%	15%	7%	16%	13%	5%	3%	1%	33%	2%	20%	0%	41%	0%	3%	1%	0%
	2021	11%	6%	22%	1%	1%	12%	5%	11%	6%	15%	12%	5%	3%	2%	32%	1%	18%	0%	41%	0%	3%	1%	1%
USA Mexico	2020	2%	0%	4%	3%	0%	8%	11%	3%	5%	0%	1%	5%	41%	4%	0%	0%	1%	1%	0%	0%	2%	4%	1%
	2021	2%	0%	5%	4%	0%	10%	13%	4%	5%	0%	2%	5%	41%	4%	0%	0%	2%	1%	0%	0%	3%	5%	2%
UK	2020	16%	33%	2%	18%	28%	31%	50%	6%	30%	18%	8%	54%	10%	13%	22%	72%	5%	1%	10%	7%	25%	57%	8%
	2021	14%	33%	1%	18%	23%	26%	44%	6%	28%	17%	10%	49%	8%	6%	17%	74%	5%	1%	14%	5%	25%	51%	3%

*Note: * meat, offal and live animals.*

Source: COMEXT-Eurostat.

Group definitions:

ASEAN: Myanmar, Philippines, Thailand, Laos, 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-Bisau, 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, Seyshelles, British Indian Ocean Territory, Mozambique, Madagascar, Mauritius, Comoros, mayotte, Zambia, Zimbabwe, Malawi, South Africa, Namibia, Botswana, Swaziland.

Middle East: Armenia, Azerbaijan, Lebanon, Syria, Iraq, Iran, Israel, Palestine, Jordan, Saudi Arabia, Kuwait, Bahrain, Qatar, United Arab Emirates, Oman, Yemen, Georgia.

NAFTA: US, Mexico, Canada.