

ARABLE CROPS

Table 1.1 EU-28 cereal, oilseed and protein crop area (1000 ha)

	EU-28					% variation			
	2015	2016	2017	2018e	2019f	18/17	18 vs 5-year av.*	19/18	19 vs 5-year av.*
Common wheat	24 325	24 250	23 386	23 065	23 714	-1.4	-3.9	2.8	-1.1
Durum	2 436	2 773	2 545	2 475	2 417	-2.8	0.7	-2.3	-2.8
Rye	1 964	1 923	1 960	1 948	2 038	-0.6	-4.0	4.6	4.1
Barley	12 219	12 302	12 040	12 277	12 291	2.0	-0.2	0.1	0.2
Oats	2 526	2 611	2 684	2 742	2 654	2.1	5.1	-3.2	1.5
Maize	9 256	8 563	8 276	8 293	8 693	0.2	-9.3	4.8	-0.1
Triticale	3 117	2 913	2 760	2 630	2 536	-4.7	-8.5	-3.6	-11.8
Sorghum	139	123	136	152	140	11.5	8.5	-7.9	-1.6
Others	1 297	1 320	1 423	1 536	1 358	7.9	12.8	-11.6	-0.2
Cereals	57 279	56 778	55 210	55 118	55 842	-0.2	-3.7	1.3	-1.0
Rapeseed	6 467	6 535	6 749	6 961	6 235	3.1	4.6	-10.4	-6.5
Sunflower	4 197	4 138	4 312	4 147	4 177	-3.8	-2.6	0.7	-0.6
Soya beans	893	832	962	975	976	1.3	27.5	0.1	8.9
Linseed	66	84	80	68	70	-14.6	-2.3	3.1	-1.2
Oilseeds	11 623	11 588	12 103	12 151	11 459	0.4	3.9	-5.7	-2.7
Field peas	744	913	1 032	898	899	-13.0	23.1	0.1	5.5
Broad beans	624	655	697	639	639	-8.4	14.5	0.1	0.0
Lupines	258	180	165	127	153	-22.9	-17.6	20.0	-3.0
Protein crops	1 626	1 748	1 894	1 664	1 691	-12.1	13.0	1.6	0.7
Sugar beet	1 420	1 498	1 756	1 735	1 673	-1.2	10.5	-3.6	3.1
Total	71 948	71 612	70 963	70 668	70 664	-0.4	-1.6	0.0	-1.2

* The 5-year average is a trimmed average in all tables.

Table 1.2 EU-28 cereal, oilseed and protein crop yields (t/ha)

	EU-28					% variation			
	2015	2016	2017	2018e	2019f	18/17	18 vs 5-year av.*	19/18	19 vs 5-year av.*
Common wheat	6.3	5.6	6.1	5.6	5.9	-8.1	-6.6	5.2	-0.7
Durum	3.4	3.5	3.5	3.5	3.4	2.2	3.4	-3.1	-1.1
Rye	4.0	3.9	3.8	3.2	4.2	-14.1	-17.5	29.3	8.2
Barley	5.1	4.9	4.9	4.6	4.9	-5.6	-5.9	6.9	1.0
Oats	3.0	3.1	3.1	2.8	3.0	-7.8	-8.4	6.4	-1.4
Maize	6.4	7.4	7.9	8.4	7.3	6.3	13.6	-13.0	-6.5
Triticale	4.1	4.1	4.2	3.8	4.8	-10.6	-9.5	25.6	15.0
Sorghum	5.2	5.4	5.3	5.6	5.0	5.2	4.9	-9.5	-7.3
Others	2.7	2.7	2.9	2.4	2.9	-16.9	-13.2	16.9	3.0
Cereals	5.5	5.3	5.6	5.3	5.5	-4.7	-2.8	3.4	0.7
Rapeseed	3.4	3.1	3.3	2.9	3.2	-12.5	-12.3	11.6	-1.6
Sunflower	1.9	2.1	2.4	2.5	2.4	2.1	17.5	-2.1	8.1
Soya beans	2.7	3.0	2.8	2.9	2.9	6.0	4.9	-0.2	1.3
Linseed	1.9	1.8	1.9	2.0	2.0	4.1	0.9	0.5	2.9
Oilseeds	2.8	2.7	2.9	2.7	2.9	-6.5	-2.7	5.6	2.6
Field peas	2.8	2.5	2.7	2.2	2.5	-16.9	-17.1	13.6	-3.1
Broad beans	3.1	2.9	3.1	2.5	3.0	-18.7	-17.3	17.1	-3.1
Lupines	1.4	1.7	1.6	1.4	1.5	-13.5	-14.5	11.9	-0.6
Protein crops	2.7	2.6	2.7	2.3	2.6	-17.0	-15.7	14.3	-2.6
Sugar beet	71.8	75.0	81.5	65.5	73.9	-19.6	-13.4	12.7	-2.4

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Table 1.3 EU-28 cereal, oilseed and protein crop gross production (1000 t)

	EU-28					% variation			
	2015	2016	2017	2018e	2019f	18/17	18 vs 5-year av.*	19/18	19 vs 5-year av.*
Common wheat	152 516	134 963	143 143	129 745	140 288	-9.4	-9.3	8.1	-1.6
Durum	8 389	9 674	8 810	8 756	8 282	-0.6	4.1	-5.4	-4.3
Rye	7 796	7 406	7 373	6 296	8 519	-14.6	-22.1	35.3	13.2
Barley	61 931	59 974	58 810	56 626	60 601	-3.7	-6.6	7.0	1.3
Oats	7 585	8 138	8 197	7 717	7 944	-5.9	-3.9	2.9	0.9
Maize	59 287	63 085	65 071	69 343	63 244	6.6	6.6	-8.8	-3.9
Triticale	12 785	11 829	11 691	9 956	12 059	-14.8	-17.7	21.1	-0.4
Sorghum	720	669	722	847	706	17.3	17.1	-16.6	-7.4
Others	3 453	3 584	4 182	3 752	3 880	-10.3	-3.3	3.4	2.7
Cereals	314 461	299 322	307 997	293 037	307 121	-4.9	-5.5	4.8	0.0
Rapeseed	21 814	20 102	22 020	19 864	19 859	-9.8	-8.1	0.0	-6.8
Sunflower	7 882	8 739	10 403	10 219	10 080	-1.8	12.4	-1.4	7.1
Soya beans	2 371	2 480	2 672	2 867	2 865	7.3	28.6	-0.1	14.3
Linseed	128	147	154	137	142	-11.1	0.7	3.6	3.6
Oilseeds	32 195	31 467	35 249	33 087	32 946	-6.1	0.2	-0.4	-1.7
Field peas	2 077	2 315	2 766	2 001	2 276	-27.6	3.8	13.7	6.8
Broad beans	1 962	1 922	2 173	1 619	1 898	-25.5	-5.4	17.3	3.5
Lupines	364	297	263	176	236	-33.3	-31.6	34.3	-8.1
Protein crops	4 402	4 534	5 202	3 795	4 410	-27.0	-3.4	16.2	3.9
Sugar beet	101 900	112 400	143 100	113 700	123 600	-20.5	-3.2	8.7	3.8

Table 1.4 EU-28 overall cereal balance sheet (million t)

	EU-28					% variation 19/20 vs 18/19
	2015/16	2016/17	2017/18e	2018/19f	2019/20f	
Beginning stocks	46.2	43.6	37.1	47.3	48.4	2.1
Gross production	314.5	299.3	308.0	293.0	310.2	5.9
Usable production	311.7	296.7	305.3	290.5	307.5	5.8
Imports	20.8	19.3	24.5	27.9	21.3	-23.5
Availabilities	378.7	359.6	366.9	365.7	377.2	3.1
Total domestic uses	282.1	282.1	283.8	285.2	284.5	-0.3
- Human	65.1	65.4	65.7	65.8	65.8	0.0
- Seed	9.6	9.6	9.3	9.2	9.2	0.0
- Industrial	34.0	34.2	34.8	34.7	34.7	0.0
<i>o.w. bioethanol</i>	12.0	12.2	12.6	12.6	13.0	2.5
- Animal feed	173.4	172.9	174.1	175.5	174.7	-0.4
Losses (excl on-farm)	2.2	2.2	2.2	2.2	2.2	0.0
Exports	50.8	38.2	33.5	29.9	38.4	28.4
Total uses	335.1	322.5	319.6	317.4	325.1	2.4
End stocks	43.6	37.1	47.3	48.4	52.1	7.7
- Market	43.6	37.1	47.3	48.4	52.1	7.7
- Intervention	0.0	0.0	0.0	0.0	0.0	0.0
Self-sufficiency rate %	110.5	105.2	107.6	101.9	108.1	0.0

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Table 1.5 EU-28 cereal balance sheet 2019/2020 (forecast) (million t)

	Common								
	wheat	Barley	Durum	Maize	Rye	Sorghum	Oats	Triticale	Others
Beginning stocks (01.07.2019)	12.3	6.1	1.7	25.9	0.4	0.7	0.1	1.0	0.2
Gross production	141.3	60.8	8.3	68.7	8.0	0.8	8.0	10.6	3.6
Usable production	140.2	60.3	8.3	68.4	7.9	0.7	7.9	10.4	3.5
Import ¹	3.4	0.2	1.7	15.5	0.1	0.3	0.0	0.0	0.2
Total availabilities	155.8	66.7	11.6	109.8	8.4	1.7	8.1	11.4	3.8
Total domestic use	118.1	46.6	9.6	81.7	6.5	0.9	7.7	9.8	3.7
- Human	48.1	0.4	8.1	4.9	3.0	0.2	1.2	0.1	0.0
- Seed	4.8	2.1	0.5	0.4	0.4	0.0	0.4	0.5	0.1
- Industrial	11.2	9.1	0.1	12.4	1.3	0.0	0.1	0.4	0.1
<i>o.w. bioethanol</i>	4.7	0.4	0.0	6.8	0.7	0.0	0.0	0.3	0.0
- Animal feed	54.0	35.0	1.0	64.0	1.8	0.7	6.0	8.8	3.5
Losses (excl on-farm)	0.9	0.4	0.0	0.6	0.1	0.0	0.1	0.1	0.0
Export ¹	25.5	8.8	1.1	2.6	0.2	0.0	0.2	0.0	0.0
Total use	144.5	55.8	10.8	84.9	6.7	0.9	7.9	9.9	3.7
End stocks (30.06.2019)	11.3	10.9	0.8	24.9	1.6	0.8	0.1	1.5	0.1
- Market	11.3	10.9	0.8	24.9	1.6	0.8	0.1	1.5	0.1
- Intervention	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Change in stocks	-0.9	4.8	-0.8	-1.0	1.2	0.1	0.0	0.5	-0.1
Change in public stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Self-sufficiency rate %	118.7	129.5	85.7	83.7	120.7	84.3	103.8	106.1	93.9

Table 1.6 EU-28 cereal balance sheet 2018/2019 (forecast) (million t)

	Common								
	wheat	Barley	Durum	Maize	Rye	Sorghum	Oats	Triticale	Others
Beginning stocks (01.07.2018)	17.2	4.2	2.4	20.2	0.6	0.4	0.4	1.1	0.9
Gross production	129.7	56.6	8.8	69.3	6.3	0.8	7.7	10.0	3.8
Usable production	128.7	56.1	8.7	69.1	6.2	0.8	7.6	9.8	3.6
Import ¹	4.3	0.2	1.3	21.0	0.5	0.4	0.0	0.0	0.2
Total availabilities	150.2	60.6	12.3	110.2	7.2	1.6	8.0	10.9	4.7
Total domestic use	118.1	46.6	9.6	81.7	6.5	0.9	7.7	9.8	4.4
- Human	48.1	0.4	8.1	4.9	3.0	0.2	1.2	0.1	0.0
- Seed	4.8	2.1	0.5	0.4	0.4	0.0	0.4	0.5	0.1
- Industrial	11.2	9.1	0.1	12.4	1.3	0.0	0.1	0.4	0.1
<i>o.w. bioethanol</i>	4.7	0.4	0.0	6.5	0.7	0.0	0.0	0.3	0.0
- Animal feed	54.0	35.0	1.0	64.0	1.8	0.7	6.0	8.8	4.3
Losses (excl on-farm)	0.9	0.4	0.0	0.6	0.1	0.0	0.1	0.1	0.0
Export ¹	19.0	7.5	1.0	2.0	0.2	0.0	0.2	0.0	0.0
Total use	138.0	54.5	10.7	84.3	6.8	0.9	7.9	9.9	4.5
End stocks (30.06.2018)	12.3	6.1	1.7	25.9	0.4	0.7	0.1	1.0	0.2
- Market	12.3	6.1	1.7	25.9	0.4	0.7	0.1	1.0	0.2
- Intervention	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Change in stocks	-4.9	1.9	-0.7	5.8	-0.1	0.3	-0.3	-0.1	-0.8
Change in public stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Self-sufficiency rate %	109.0	120.6	90.0	84.5	94.7	92.0	99.7	99.6	80.4

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Table 1.7 EU-28 cereal balance sheet 2017/2018 (million t)

	Common								
	wheat	Barley	Durum	Maize	Rye	Sorghum	Oats	Triticale	Others
Beginning stocks (01.07.2017)	9.2	5.7	2.9	14.5	0.7	0.1	0.5	1.7	1.5
Gross production	143.1	58.8	8.8	65.1	7.4	0.7	8.2	11.7	4.2
Usable production	142.0	58.3	8.7	64.8	7.2	0.7	8.1	11.5	4.0
Import ¹	4.0	0.5	1.5	17.9	0.1	0.4	0.0	0.0	0.2
Total availabilities	155.6	64.4	13.1	97.2	8.0	1.2	8.6	13.1	5.7
Total domestic use	116.1	50.9	9.6	74.6	7.2	0.9	7.9	11.9	4.7
- Human	48.0	0.4	8.0	4.9	3.1	0.2	1.1	0.1	0.0
- Seed	4.8	2.1	0.5	0.4	0.4	0.0	0.4	0.5	0.1
- Industrial	11.2	9.1	0.1	12.1	1.7	0.0	0.1	0.4	0.1
<i>o.w. bioethanol</i>	4.7	0.4	0.0	6.2	1.0	0.0	0.0	0.3	0.0
- Animal feed	52.2	39.3	1.0	57.2	2.1	0.7	6.2	10.9	4.5
Losses (excl on-farm)	0.9	0.4	0.0	0.6	0.1	0.0	0.1	0.1	0.0
Export ¹	21.3	9.0	1.1	1.8	0.1	0.0	0.2	0.0	0.0
Total use	138.3	60.2	10.8	77.1	7.4	0.9	8.2	12.0	4.7
End stocks (30.06.2017)	17.2	4.2	2.4	20.2	0.6	0.4	0.4	1.1	0.9
- Market	17.2	4.2	2.4	20.2	0.6	0.4	0.4	1.1	0.9
- Intervention	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Change in stocks	8.0	-1.4	-0.5	5.6	-0.1	0.2	-0.1	-0.6	-0.6
Change in public stocks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Self-sufficiency rate %	122.3	114.6	90.8	86.8	99.8	78.4	102.6	96.0	84.9

Table 1.8 EU-28 oilseeds balance sheets (million t)

	EU-28					% variation			
	2015/16	2016/17	2017/18e	2018/19f	2019/20f	18/19 vs 17/18	% 5-yr.av.	19/20 vs 18/19	% 5-yr.av.
Production	32.1	31.3	35.1	77.5	47.6	120.9	135.8	-38.6	39.4
Rapeseed	21.8	20.1	22.0	64.4	34.7	192.7	198.3	-46.2	52.8
Soya beans	2.4	2.5	2.7	2.9	2.9	7.3	28.6	-0.1	14.3
Sunflower	7.9	8.7	10.4	10.2	10.1	-1.8	12.4	-1.3	7.2
Total domestic use	50.0	49.6	52.5	97.5	66.1	85.5	96.4	-32.1	30.4
Rapeseed	24.9	24.1	25.9	68.9	38.3	166.6	176.0	-44.4	50.0
<i>of which crushing</i>	24.1	23.3	24.9	66.5	37.0	166.6	175.4	-44.4	49.9
Soya beans	17.1	16.5	16.4	18.2	17.7	11.2	14.9	-2.7	6.5
<i>of which crushing</i>	15.2	14.7	14.6	16.3	15.2	11.2	14.6	-6.4	2.5
Sunflower	8.1	9.0	10.3	10.3	10.1	0.2	15.6	-2.2	7.0
<i>of which crushing</i>	7.0	8.0	9.2	9.2	8.3	0.2	16.4	-9.3	0.0
Imports	18.7	19.1	18.6	20.6	19.4	10.8	12.8	-5.9	3.2
Rapeseed	3.5	4.2	4.0	4.6	3.9	15.0	25.3	-15.1	0.0
Soya beans	14.8	14.1	14.1	15.5	15.0	9.9	11.4	-3.2	4.8
Sunflower	0.5	0.8	0.5	0.5	0.5	0.0	14.6	-2.3	0.0
Exports	0.9	0.9	1.0	0.7	0.9	-33.3	-32.0	30.7	-4.4
Rapeseed	0.3	0.3	0.1	0.1	0.3	-25.9	-68.4	164.3	0.0
Soya beans	0.1	0.2	0.3	0.2	0.2	-36.6	24.1	-6.4	0.0
Sunflower	0.4	0.4	0.6	0.4	0.5	-33.3	-24.0	14.9	0.0
End stocks	3.1	2.9	3.0	3.0	3.0	-1.2	0.0	-0.5	-1.5
Rapeseed	1.1	1.0	1.1	1.1	1.1	0.3	1.6	-1.1	-0.5
Soya beans	1.4	1.2	1.3	1.3	1.3	-2.0	0.0	-1.4	-3.4
Sunflower	0.6	0.7	0.7	0.6	0.7	-2.3	-4.9	2.1	0.0
Self-sufficiency rate %	64.1	63.2	66.8	79.5	72.0				

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Table 1.9 EU-28 oilmeals balance sheets (million t)

	EU-28					% variation			
	2015/16	2016/17	2017/18e	2018/19f	2019/20f	18/19 vs 17/18	% 5-yr.av.	19/20 vs 18/19	% 5-yr.av.
Production	29.6	29.3	30.8	55.8	37.7	81.1	91.0	-32.4	26.1
Rapeseed	13.7	13.3	14.2	37.9	21.1	166.6	175.4	-44.4	49.9
Soya beans	12.0	11.6	11.5	12.8	12.0	11.2	14.6	-6.4	2.5
Sunflower	3.8	4.4	5.0	5.1	4.6	0.2	16.4	-9.3	0.0
Total domestic use	52.4	50.4	52.2	77.3	59.1	48.0	51.9	-23.5	14.4
Rapeseed	13.7	13.0	13.9	38.0	21.0	172.5	177.7	-44.7	50.4
Soya beans	31.9	29.7	29.9	31.1	30.4	4.0	5.8	-2.4	0.4
Sunflower	6.8	7.8	8.3	8.2	7.7	-2.2	9.8	-5.2	-0.1
Imports	23.8	22.2	22.7	22.6	22.5	-0.4	1.0	-0.5	-0.1
Rapeseed	0.4	0.2	0.2	0.5	0.4	177.8	38.9	-28.0	0.0
Soya beans	20.2	18.3	18.8	18.7	18.7	-0.5	0.4	0.0	0.0
Sunflower	3.2	3.7	3.7	3.4	3.4	-8.1	1.0	0.8	0.0
Exports	1.0	1.1	1.3	1.1	1.1	-12.6	6.9	-2.5	1.3
Rapeseed	0.5	0.5	0.5	0.4	0.4	-11.1	-10.0	11.1	0.0
Soya beans	0.3	0.3	0.4	0.4	0.3	0.0	25.9	-14.4	0.0
Sunflower	0.2	0.3	0.4	0.3	0.3	-26.9	14.2	-4.7	0.0
End stocks	0.5	0.5	0.5	0.5	0.5	-0.4	0.0	-0.5	-1.1
Rapeseed	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Soya beans	0.4	0.3	0.3	0.3	0.3	-0.5	0.0	-0.7	-1.6
Sunflower	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Self-sufficiency rate %	100.4	102.3	101.9	99.7	100.4				

Table 1.10 EU-28 vegetable oils balance sheets (million t)

	EU-28					% variation			
	2015/16	2016/17	2017/18e	2018/19f	2019/20f	18/19 vs 17/18	% 5-yr.av.	19/20 vs 18/19	% 5-yr.av.
Production	15.8	15.8	17.0	34.4	21.7	102.2	115.6	-36.8	33.0
Rapeseed	9.9	9.5	10.2	27.3	15.2	166.6	175.4	-44.4	49.9
Soya beans	3.0	2.9	2.9	3.3	3.0	11.2	14.6	-6.4	2.5
Sunflower	2.9	3.3	3.9	3.9	3.5	0.2	16.4	-9.3	0.0
Palm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total domestic use	23.1	22.8	24.6	41.6	28.9	69.0	81.7	-30.6	22.8
Rapeseed	9.7	9.3	10.1	27.2	15.0	169.8	179.6	-44.8	50.1
Soya beans	2.4	2.3	2.5	2.7	2.4	8.2	15.9	-8.6	1.2
Sunflower	3.9	4.5	5.1	4.9	4.6	-4.9	17.8	-6.5	2.4
Palm	7.0	6.6	6.9	6.9	6.9	-1.3	1.0	0.3	0.5
Imports	9.0	8.9	9.3	9.0	9.0	-2.6	2.7	-0.2	0.3
Rapeseed	0.2	0.2	0.2	0.3	0.2	87.5	43.3	-30.2	0.0
Soya beans	0.3	0.3	0.3	0.3	0.3	0.1	-2.0	-1.0	0.0
Sunflower	1.4	1.7	1.7	1.4	1.5	-15.9	6.9	4.0	0.0
Palm	7.1	6.8	7.1	7.0	7.0	-1.5	0.2	0.3	0.0
Exports	1.8	1.9	1.7	1.8	1.8	8.7	1.4	1.9	0.7
Rapeseed	0.4	0.3	0.3	0.3	0.3	12.8	0.9	1.9	0.0
Soya beans	1.0	0.9	0.8	0.9	0.9	16.7	-0.1	2.2	0.0
Sunflower	0.4	0.5	0.5	0.4	0.4	-4.9	2.4	1.4	0.0
Palm	0.1	0.2	0.1	0.1	0.1	0.8	-1.6	1.8	0.0
End stocks	1.5	1.5	1.5	1.5	1.5	-0.5	-1.1	0.4	0.0
Rapeseed	0.6	0.6	0.6	0.6	0.6	-0.5	-1.4	0.8	0.0
Soya beans	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	-0.7	-3.0	2.2	1.0
Palm	0.5	0.5	0.5	0.5	0.5	-0.6	0.0	-0.8	-1.7
Self-sufficiency rate %	68.6	69.3	69.1	82.6	75.2				

ARABLE CROPS

Table 1.11 EU-28 protein crops balance sheets (thousands t)

	EU-28					% variation			
	2015/16	2016/17	2017/18e	2018/19f	2019/20f	18/19 vs 17/18	% 5-yr.av.	19/20 vs 18/19	% 5-yr.av.
Production	5 165	5 459	6 142	4 949	5 542	-19%	-5%	12%	7%
Field peas	2 077	2 315	2 766	2 001	2 283	-28%	-6%	14%	7%
Broad beans	1 962	1 922	2 173	1 618	1 900	-26%	-12%	17%	4%
Lentils	56	70	66	76	76	14%	18%	1%	18%
Lupins	364	297	263	176	236	-33%	-32%	34%	-8%
Chickpeas	61	78	132	191	197	45%	112%	3%	118%
Other dry pulses	646	776	743	887	851	20%	23%	-4%	18%
Total domestic use	5 058	5 337	6 464	6 819	6 581	5%	21%	-3%	17%
Field peas	1 630	1 716	2 517	3 287	2 758	31%	68%	-16%	41%
Broad beans	1 487	1 547	1 775	1 092	1 483	-38%	-21%	36%	8%
Lentils	253	299	294	293	289	0%	5%	-1%	3%
Lupins	453	445	465	450	382	-3%	0%	-15%	-15%
Chickpeas	199	214	271	378	350	40%	66%	-7%	54%
Other dry pulses	1 036	1 115	1 142	1 318	1 318	15%	20%	0%	20%
Imports	987	1 099	1 504	2 552	1 900	70%	110%	-26%	56%
Field peas	56	132	427	1 386	907	224%	474%	-35%	275%
Broad beans	9	10	9	8	9	-15%	-15%	18%	0%
Lentils	200	234	231	221	217	-5%	2%	-2%	0%
Lupins	89	148	202	275	146	36%	88%	-47%	0%
Chickpeas	146	147	167	198	153	18%	29%	-23%	0%
Other dry pulses	486	427	467	465	467	0%	0%	0%	0%
Exports	1 094	1 221	1 183	683	955	-42%	-31%	40%	-3%
Field peas	503	731	677	100	431	-85%	-77%	332%	0%
Broad beans	484	386	407	534	426	31%	25%	-20%	0%
Lentils	4	5	4	4	4	0%	-16%	19%	0%
Lupins	0	0	0	0	0	52%	-38%	61%	0%
Chickpeas	7	11	28	11	10	-60%	13%	-11%	0%
Other dry pulses	96	87	67	34	83	-50%	-60%	147%	0%
End stocks	-	-	-	-	-				

SUGAR

Table 1.12 Sugar beet production and white sugar balance in the EU-28 (million t white sugar equivalent)

	EU-28					% variation			
	2015/2016	2016/2017	2017/2018e	2018/2019f	2019/2020f	18/19 vs 17/18	18/19 vs 5 yr. av.	19/20 vs 18/19	18/19 vs 5 yr. av.
Beginning stocks	4.0	1.9	2.2	2.4	1.4	10.9	-8.3	-44.3	-43.6
White sugar production	14.9	16.8	21.3	17.6	18.3	-17.3	-0.5	3.9	1.8
Imports	2.8	2.4	1.3	1.5	1.5	16.6	-43.6	0.0	-32.4
Availabilities	21.8	21.2	24.8	21.6	21.2	-13.0	-7.2	-1.8	-6.8
Total domestic uses white sugar	18.5	17.7	19.0	18.5	18.1	-2.6	-2.0	-2.1	-3.0
- Human	16.6	16.1	16.9	16.6	16.2	-1.5	-0.8	-2.4	-2.6
<i>o.w. net exports in processed products</i>	<i>0.9</i>	<i>1.0</i>	<i>1.0</i>	<i>1.0</i>	<i>1.1</i>	<i>0.0</i>	<i>11.0</i>	<i>10.9</i>	<i>16.7</i>
- Industrial	1.9	1.5	2.2	1.9	1.9	-11.6	-8.5	0.0	-4.9
<i>o.w. bioethanol</i>	<i>1.1</i>	<i>0.8</i>	<i>1.4</i>	<i>1.1</i>	<i>1.1</i>	<i>-18.5</i>	<i>-13.5</i>	<i>0.0</i>	<i>-8.2</i>
Exports	1.4	1.3	3.4	1.7	1.7	-49.3	24.6	0.0	15.0
Total uses	19.9	19.0	22.4	20.2	19.8	-9.6	-0.9	-1.9	-2.3
End stocks	1.9	2.2	2.4	1.4	1.4	-44.3	-43.6	0.0	-38.0
Self-sufficiency rate %	81 %	95 %	112 %	95 %	101 %				
Sugar beet production for sugar	93 967	106 077	136 379	108 044	116 936	-20.8	-3.2	8.2	3.5

OLIVE OIL

Table 1.13 EU-28 Olive oil balance sheets (1000 t)

	EU-28					% variation			
	2014/15	2015/16	2016/17	2017/2018e	2018/2019f	17/18 vs 16/17	% 5-yr.av.	18/19 vs 17/18	% 5-yr.av.
Production	1 435	2 324	1 758	2 176	2 239	23.8	15.0	2.9	10.0
Total domestic use	1 572	1 626	1 401	1 624	1 597	15.9	2.4	-1.7	0.4
Imports	225	97	90	180	90	99.1	45.4	-50.0	-30.3
Exports	508	573	558	563	625	1.0	3.2	10.9	11.5
End stocks	211	433	323	491	597	52.2	21.2	21.7	43.0
Self-sufficiency rate %	91	143	125	134	140	6.8	12.7	4.6	10.0

DAIRY

Table 1.14 Milk supply and utilisation in the EU-28

	EU-28						% variation				
	2015	2016	2017	2018e	2019f	2020f	16/15	17/16	18/17	19/18	20/19
Dairy cows (million heads)¹	23.4	23.3	23.1	22.7	22.6	22.4	-0.3	-1.0	-1.6	-0.6	-0.6
of which EU-15	18.1	18.1	17.9	17.6	17.5	17.4	-0.1	-1.0	-2.0	-0.5	-0.5
of which EU-N13	5.2	5.2	5.1	5.1	5.1	5.0	-1.1	-0.8	-0.2	-0.8	-1.1
Milk yield (kg/dairy cow)²	6 861	6 894	7 044	7 216	7 302	7 390	0.5	2.2	2.4	1.2	1.2
of which EU-15	7 358	7 374	7 536	7 731	7 808	7 886	0.2	2.2	2.6	1.0	1.0
of which EU-N13	5 134	5 209	5 321	5 445	5 553	5 665	1.5	2.1	2.3	2.0	2.0
Milk production (million t)	162.9	162.9	165.1	166.4	167.3	168.3	0.0	1.4	0.7	0.6	0.6
of which EU-15	133.8	133.9	135.7	136.5	137.2	137.9	0.1	1.4	0.6	0.5	0.5
of which EU-N13	29.2	29.0	29.4	29.8	30.1	30.4	-0.5	1.2	1.6	0.8	0.9
Feed use (million t)	3.4	3.7	3.4	3.4	3.3	3.3	6.9	-8.2	-0.1	-1.0	-1.0
On farm use and direct sales (mio t)	6.7	5.9	5.7	5.6	5.4	5.2	-12.6	-2.4	-2.1	-3.0	-4.0
Delivered to dairies (million t)	152.8	153.4	156.1	157.4	158.5	159.8	0.4	1.7	0.9	0.7	0.8
of which EU-15	130.9	131.2	133.2	134.1	134.8	135.6	0.2	1.5	0.7	0.6	0.6
of which EU-N13	21.9	22.2	22.9	23.3	23.7	24.2	1.4	3.1	1.9	1.8	1.8
Delivery ratio (%)³	93.8	94.2	94.5	94.6	94.8	94.9	0.4	0.4	0.1	0.2	0.2
of which EU-15	97.9	98.0	98.1	98.2	98.3	98.3	0.1	0.1	0.1	0.0	0.1
of which EU-N13	75.1	76.5	77.9	78.1	78.9	79.6	1.9	1.8	0.3	0.9	0.9
Fat content of milk (%)	4.01	4.07	4.05	4.04	4.06	4.06	1.5	-0.4	-0.2	0.3	0.1
Protein content of milk (%)	3.36	3.42	3.46	3.45	3.46	3.46	1.8	1.0	-0.2	0.2	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 (dairy cows represent around 99.7% of EU total production).

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

Table 1.15 EU-28 fresh dairy products market balance (1000 t)

	EU-28						% variation				
	2015	2016	2017	2018e	2019f	2020f	16/15	17/16	18/17	19/18	20/19
Production	46 809	46 276	46 310	45 982	45 895	45 886	-1.1	0.1	-0.7	-0.2	0.0
of which Drinking Milk	31 275	30 764	30 713	30 252	30 070	29 950	-1.6	-0.2	-1.5	-0.6	-0.4
of which Cream	2 741	2 736	2 786	2 772	2 786	2 800	-0.2	1.8	-0.5	0.5	0.5
of which Acidified Milk	8 056	8 161	8 195	8 236	8 294	8 352	1.3	0.4	0.5	0.7	0.7
of which Other Fresh Products ²	4 738	4 616	4 616	4 723	4 745	4 785	-2.6	0.0	2.3	0.5	0.8
of which EU-15	40 194	39 625	39 514	39 119	38 963	38 885	-1.4	-0.3	-1.0	-0.4	-0.2
of which EU-N13	6 615	6 651	6 795	6 863	6 932	7 001	0.5	2.2	1.0	1.0	1.0
Imports (extra EU)	12	14	26	18	18	18	19	78	-30	0	0
Exports (extra EU)	962	1 168	1 134	1 093	1 093	1 104	21	-3	-4	0	1
Domestic use¹	45 859	45 123	45 201	44 907	44 819	44 800	-1.6	0.2	-0.6	-0.2	0.0
p.c. consumption (kg)	90.5	88.8	88.7	87.9	87.6	87.5	-1.9	-0.1	-0.9	-0.4	-0.2
Self-sufficiency rate (%)	102	103	102	102	102	102					

¹ Domestic use includes stock changes.

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

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

Table 1.16 EU-28 cheese market balance (1000 t)

	EU-28						% variation				
	2015	2016	2017	2018e	2019f	2020f	16/15	17/16	18/17	19/18	20/19
Production (in dairies)	9 872	10 100	10 236	10 268	10 345	10 448	2.3	1.3	0.3	0.8	1.0
of which from pure cow's milk	9 030	9 240	9 349	9 379	9 450	9 544	2.3	1.2	0.3	0.8	1.0
of which from other milk ¹	842	860	887	889	895	904	2.2	3.1	0.2	0.8	1.0
EU-15 (in dairies)	8 444	8 607	8 682	8 690	8 760	8 828	1.9	0.9	0.1	0.8	0.8
EU-N13 (in dairies)	1 428	1 494	1 554	1 578	1 585	1 620	4.6	4.1	1.5	0.5	2.2
Processed cheese impact ²	333	349	353	356	359	363	4.8	1.2	1.1	0.9	0.9
Total production	10 204	10 449	10 588	10 624	10 705	10 811	2.4	1.3	0.3	0.8	1.0
Imports (extra EU)³	61	71	60	59	59	59	15.0	-15.6	-0.8	0.0	0.0
Exports (extra EU)	719	800	829	832	841	853	11.3	3.6	0.5	1.0	1.5
Total domestic use	9 517	9 780	9 879	9 911	9 958	10 017	2.8	1.0	0.3	0.5	0.6
Stock changes	30	- 60	- 59	- 60	- 35	0	0.0	0.0	0.0	0.0	0.0
Processing use	292	303	308	309	312	316	3.7	1.5	0.6	1.0	1.0
Human consumption	9 225	9 476	9 571	9 601	9 646	9 701	2.7	1.0	0.3	0.5	0.6
of which EU-15	8 098	8 301	8 367	8 378	8 400	8 442	2.5	0.8	0.1	0.3	0.5
of which EU-N13	1 127	1 175	1 204	1 224	1 246	1 259	4.3	2.4	1.6	1.8	1.1
p.c. consumption (kg)	18.2	18.6	18.8	18.8	18.9	18.9	2.5	0.8	0.1	0.3	0.5
Self-sufficiency rate (%)	107	107	107	107	107	108					

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.

DAIRY

Table 1.17 EU-28 whole milk powder market balance (1000 t)

	EU-28						% variation				
	2015	2016	2017	2018e	2019f	2020f	16/15	17/16	18/17	19/18	20/19
Production	716	729	774	734	720	712	1.8	6.1	-5.1	-2.0	-1.1
of which EU-15	664	682	730	695	681	674	2.6	7.1	-4.8	-2.0	-1.0
of which EU-N13	52	47	44	39	39	38	-9.1	-7.8	-10.0	-2.0	-2.0
Imports	4	6	2	2	2	2	44	-72	9	0	0
Exports	400	381	393	334	308	292	-4.7	3.0	-14.9	-8.0	-5.0
Domestic Use¹	320	353	382	402	414	422	10.4	8.2	5.1	3.0	1.9
Self-sufficiency rate (%)	224	206	202	183	174	169					

¹ Domestic use includes stock changes.

Table 1.18 EU-28 skimmed milk powder market balance (1000 t)

	EU-28						% variation				
	2015	2016	2017	2018e	2019f	2020f	16/15	17/16	18/17	19/18	20/19
Production	1 537	1 560	1 525	1 502	1 516	1 560	1.5	-2.3	-1.5	1.0	2.9
of which EU-15	1 324	1 342	1 323	1 290	1 300	1 335	1.4	-1.4	-2.5	0.8	2.7
of which EU-N13	213	218	202	212	216	225	2.4	-7.7	5.0	2.0	4.0
Imports (extra EU)	3	4	2	3	3	2	8	-33	41	0	-54
Exports (extra EU)	692	575	780	822	846	838	-17	36	5	3	-1
Domestic use	740	767	792	820	827	834	3.7	3.2	3.5	0.8	0.8
Ending stocks	279	501	456	319	165	55					
Private (industry)	250	150	80	220	165	55					
Public (intervention)	29	351	376	99	0	0					
Stock changes	109	222	-45	-137	-154	-110					
Self-sufficiency rate (%)	208	203	192	183	183	187					

Table 1.19 EU-28 butter market balance (1000 t)

	EU-28						% variation				
	2015	2016	2017	2018e	2019f	2020f	16/15	17/16	18/17	19/18	20/19
Production	2 301	2 393	2 392	2 396	2 414	2 436	4.0	0.0	0.2	0.8	0.9
of which EU-15	2 023	2 094	2 089	2 087	2 104	2 125	3.5	-0.2	-0.1	0.8	1.0
of which EU-N13	277	299	302	308	310	311	7.8	1.1	2.0	0.5	0.5
Imports	3	3	3	9	5	5	11	3	197	-41	0
Exports	172	206	170	157	160	171	20	-18	-8	2	7
Domestic use	2 121	2 209	2 234	2 247	2 259	2 270	4.1	1.1	0.6	0.5	0.5
p.c. consumption (kg)	4.2	4.3	4.4	4.4	4.4	4.4	3.9	0.9	0.3	0.4	0.4
Ending stocks	135	115	106	105	105	105					
Private	135	115	105	105	105	105					
Public (intervention)	0	0	1	0	0	0					
Stock changes	10	-20	-10	0	0	0					
Self-sufficiency rate (%)	108	108	107	107	107	107					

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.

MEAT

Table 1.20 EU-28 overall meat balance (1000 t carcass weight equivalent)

000 t carcass weight	EU-28						% variation				
	2015	2016	2017	2018e	2019f	2020f	16/15	17/16	18/17	19/18	20/19
Gross Indigenous Production	45 994	47 362	47 277	48 552	48 746	49 026	3.0	-0.2	2.7	0.4	0.6
Live Imports	2	2	2	2	3	3	0.0	0.0	0.0	0.0	0.0
Live Exports	247	291	309	311	317	321	17.8	6.3	0.6	1.9	1.4
Net Production	45 749	47 073	46 971	48 244	48 432	48 707	2.9	-0.2	2.7	0.4	0.6
of which EU-15	37 827	38 704	38 445	39 257	39 288	39 442	2.3	-0.7	2.1	0.1	0.4
of which EU-N13	7 922	8 370	8 525	8 987	9 144	9 265	5.6	1.9	5.4	1.7	1.3
Meat Imports	1 368	1 402	1 261	1 302	1 341	1 380	2.4	-10.1	3.3	3.0	2.9
Meat Exports	3 837	4 627	4 411	4 550	4 833	5 008	20.6	-4.7	3.2	6.2	3.6
Consumption	43 281	43 849	43 821	44 996	44 941	45 079	1.3	-0.1	2.7	-0.1	0.3
Population (mio)	509.4	510.9	512.1	513.4	514.6	515.8	0.3	0.2	0.3	0.2	0.2
Per Capita Consumption (kg)	67.9	68.6	68.4	70.1	69.9	70.0	1.1	-0.3	2.5	-0.3	0.1
Self-sufficiency (%)	106	108	108	108	108	109					

Table 1.21 EU-28 beef/veal market balance (1000 t carcass weight equivalent)

000 t carcass weight	EU-28						% variation				
	2015	2016	2017	2018e	2019f	2020f	16/15	17/16	18/17	19/18	20/19
Gross Indigenous Production	7 835	8 070	8 104	8 242	8 137	8 112	3.0	0.4	1.7	-1.3	-0.3
Live Imports	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Live Exports	178	219	235	234	237	239	23.0	7.4	-0.3	1.0	1.0
Net Production	7 657	7 851	7 869	8 008	7 900	7 873	2.5	0.2	1.8	-1.3	-0.3
of which EU-15	6 819	6 974	6 931	7 059	6 939	6 905	2.3	-0.6	1.8	-1.7	-0.5
of which EU-N13	838	877	937	949	961	969	4.7	6.9	1.2	1.3	0.8
Meat Imports	300	304	285	312	324	331	1.4	-6.3	9.4	4.0	2.0
Meat Exports	211	248	271	250	258	260	17.7	9.0	-7.5	3.0	1.0
Consumption	7 746	7 907	7 883	8 070	7 967	7 944	2.1	-0.3	2.4	-1.3	-0.3
Per Capita Consumption (kg)	10.6	10.8	10.8	11.0	10.8	10.8	1.8	-0.5	2.1	-1.5	-0.5
Share in total meat consumption	17.9	18.0	18.0	17.9	17.7	17.6					
Self-sufficiency (%)	101	102	103	102	102	102					

Table 1.22 EU-28 pigmeat market balance (1000 t carcass weight equivalent)

000 t carcass weight	EU-28						% variation				
	2015	2016	2017	2018e	2019f	2020f	16/15	17/16	18/17	19/18	20/19
Gross Indigenous Production	23 456	23 876	23 673	24 139	24 138	24 254	1.8	-0.9	2.0	0.0	0.5
Live Imports	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Live Exports	21	10	13	16	20	22	-51.9	30.0	27.8	20.0	10.0
Net Production	23 436	23 866	23 660	24 123	24 119	24 232	1.8	-0.9	2.0	0.0	0.5
of which EU-15	19 903	20 261	20 049	20 363	20 384	20 485	1.8	-1.0	1.6	0.1	0.5
of which EU-N13	3 533	3 605	3 611	3 760	3 735	3 747	2.1	0.1	4.1	-0.6	0.3
Meat Imports	11	12	14	15	16	19	6.1	16.6	5.5	10.0	15.0
Meat Exports	2 218	2 813	2 574	2 678	2 919	3 065	26.8	-8.5	4.1	9.0	5.0
Consumption	21 229	21 065	21 100	21 460	21 216	21 186	-0.8	0.2	1.7	-1.1	-0.1
Per Capita Consumption (kg)	32.5	32.2	32.1	32.6	32.2	32.0	-1.1	-0.1	1.4	-1.4	-0.4
Share in total meat consumption	49.0	48.0	48.2	47.7	47.2	47.0					
Self-sufficiency (%)	110	113	112	112	114	114					

MEAT

Table 1.23 EU-28 poultry meat market balance (1000 t carcass weight equivalent)

000 t carcass weight	EU-28						% variation				
	2015	2016	2017	2018e	2019f	2020f	16/15	17/16	18/17	19/18	20/19
Gross Indigenous Production	13 797	14 503	14 576	15 256	15 565	15 749	5.1	0.5	4.7	2.0	1.2
Live Imports	1	2	2	2	2	2	0.0	0.0	0.0	0.0	0.0
Live Exports	10	10	8	9	10	10	-7.7	-12.7	10.0	4.0	2.0
Net Production	13 788	14 495	14 570	15 248	15 557	15 742	5.1	0.5	4.7	2.0	1.2
of which EU-15	10 318	10 691	10 677	11 050	11 196	11 279	3.6	-0.1	3.5	1.3	0.7
of which EU-N13	3 470	3 803	3 893	4 198	4 361	4 463	9.6	2.4	7.8	3.9	2.3
Meat Imports	855	882	789	801	830	859	3.3	-10.6	1.6	3.6	3.4
Meat Exports	1 388	1 546	1 532	1 593	1 626	1 652	11.4	-0.9	4.0	2.1	1.6
Consumption	13 254	13 831	13 827	14 457	14 761	14 948	4.4	0.0	4.6	2.1	1.3
Per Capita Consumption (kg)	22.9	23.8	23.8	24.8	25.2	25.5	4.0	-0.3	4.3	1.9	1.0
Share in total meat consumption	30.6	31.5	31.6	32.1	32.8	33.2					
Self-sufficiency (%)	104	105	105	106	105	105					

Table 1.24 EU-28 sheep and goat meat market balance (1000 t carcass weight equivalent)

000 t carcass weight	EU-28						% variation				
	2015	2016	2017	2018e	2019f	2020f	16/15	17/16	18/17	19/18	20/19
Gross Indigenous Production	907	914	925	915	906	910	0.8	1.2	-1.1	-0.9	0.5
Live Imports	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Live Exports	38	52	52	51	51	51	38.4	0.4	-3.6	0.0	0.0
Net Production	869	862	872	864	855	860	-0.9	1.2	-0.9	-1.0	0.5
of which on-farm slaughterings	101	103	99	91	91	90	2.4	-4.6	-7.2	-1.0	-1.0
of which EU-15	787	778	788	784	769	773	-1.2	1.3	-0.5	-1.9	0.5
of which EU-N13	82	84	84	80	86	87	2.0	0.8	-5.3	7.8	0.5
Meat Imports	202	203	173	174	170	172	0.4	-14.9	0.6	-2.0	1.0
Meat Exports	20	19	34	29	29	30	-4.7	80.9	-16.7	3.0	2.0
Consumption	1 052	1 046	1 011	1 009	996	1 002	-0.6	-3.3	-0.2	-1.3	0.5
Per Capita Consumption (kg)	1.8	1.8	1.7	1.7	1.7	1.7	-0.8	-3.6	-0.4	-0.5	0.3
Share in total meat consumption	2.4	2.4	2.3	2.2	2.2	2.2					
Self-sufficiency (%)	86	87	91	91	91	91					

Table 1.25 Share of EU-28 exports by destination (volume)

		Cereals	Soft Wheat	Barley	Meat, Offal, Live	Beef*	Pork*	Poultry*	Infant Formula	Dairy Products	Cheese Curd	SMP and WMP	Whey Powder	Olive Oil	Wine
China	2008	1%	1%	6%	21%	1%	35%	0%	45%	15%	2%	10%	31%	6%	12%
	2018	1%	0%	3%	6%	3%	6%	8%	3%	9%	2%	9%	20%	1%	1%
ASEAN	2008	2%	1%	5%	12%	6%	12%	17%	3%	19%	3%	21%	39%	2%	2%
	2018	19%	23%	9%	1%	7%	0%	0%	5%	8%	5%	13%	2%	1%	1%
North Africa	2008	33%	42%	16%	2%	12%	0%	0%	8%	12%	9%	22%	2%	1%	1%
	2018	9%	11%	6%	9%	10%	4%	21%	3%	6%	2%	8%	2%	2%	6%
Other Africa	2008	17%	21%	11%	16%	16%	6%	40%	4%	9%	3%	12%	3%	2%	7%
	2018	14%	11%	22%	4%	9%	1%	8%	9%	9%	9%	11%	2%	2%	1%
Middle East	2008	30%	25%	42%	5%	15%	1%	9%	12%	15%	16%	18%	3%	3%	1%
	2018	1%	0%	1%	2%	1%	3%	0%	1%	4%	14%	0%	0%	29%	24%
USA Mexico Canada	2008	1%	0%	3%	4%	1%	5%	1%	2%	6%	20%	1%	1%	43%	39%
	2018	55%	54%	56%	68%	70%	70%	63%	58%	58%	68%	55%	58%	63%	63%

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-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 Cunha, 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: USA, Mexico, Canada