

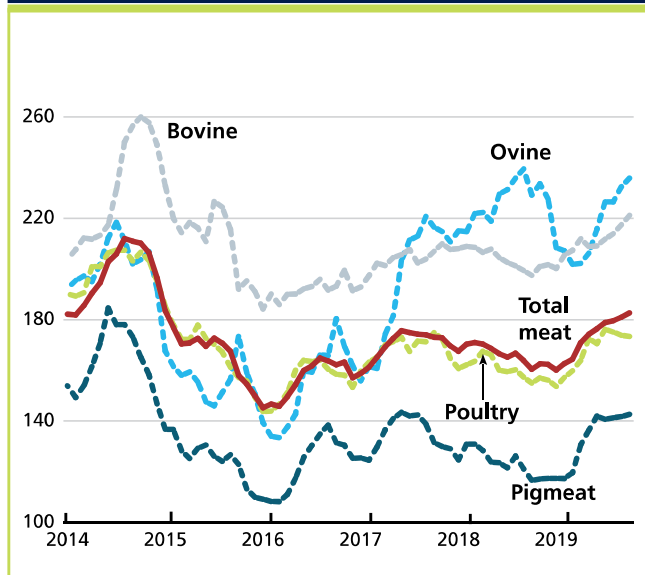
MEAT AND MEAT PRODUCTS

World meat production is forecast at around 335 million tonnes (in carcass weight equivalent) in 2019, 1.0 percent lower than in 2018. This marks a departure from the stable growth trend recorded over the past two decades and indicates a sharper fall than anticipated in May, principally due to a deeper than earlier expected impact of African Swine Fever (ASF) in China and its spread to several East Asian countries. China's meat output is forecast to fall by 8 percent, offsetting expected increases in production in several major producing countries, namely the United States, Brazil, the European Union and Argentina. The overall decline in China's meat output reflects a contraction of pig meat output by at least 20 percent, partially offset by higher production of other meats. In the United States, a rise in carcass weights is sustaining growth, whereas in Brazil external demand is encouraging higher production. In the European Union, total meat output is also expected to expand, albeit slower than predicted earlier due to a likely decline in bovine meat production. Production gains are expected for all other categories of meat in the European Union, especially pig meat production, reflecting robust demand from China. Argentina's meat production is likely to rise, primarily on increased culling.

World trade in meat and meat products is forecast at 36.0 million tonnes in 2019, up 6.7 percent from 2018, principally driven by increased imports by China due to domestic tightness caused by ASF-related production losses. China's overall meat imports are expected to rise by 35 percent (around 2 million tonnes), with increased purchases across all meat categories. By contrast, several countries are expected to import less meat, including the United States and Angola. On the export side, much of the anticipated expansion in global demand is forecast to be met by Brazil, the European Union, the United States, Argentina, Thailand and Canada. However, limited export availabilities could depress meat shipments from Paraguay, Belarus and Uruguay.

International meat prices, measured by the FAO Meat Price Index, have continued to register moderate month-on-month increases since the start of 2019, with pig meat prices, frozen in particular, recording the sharpest rise due to the surge in import demand by China. Poultry, ovine and bovine meat prices strengthened, also supported by stronger Asian demand.

FAO INTERNATIONAL MEAT PRICE INDEX (2002–2004 = 100)



WORLD MEAT MARKET AT A GLANCE

	2017	2018 <i>estim.</i>	2019 <i>f'cast</i>		Change: 2019 over 2018
	<i>million tonnes (carcass weight equivalent)</i>				<i>%</i>
WORLD BALANCE					
Production	333.6	338.6	336.5	335.2	-1.0
Bovine meat	69.6	71.3	71.6	72.2	1.3
Poultry meat	122.3	124.6	128.4	130.5	4.7
Pig meat	119.8	120.7	115.6	110.5	-8.5
Ovine meat	15.2	15.3	15.3	15.4	0.8
Trade	32.7	33.8	35.4	36.0	6.7
Bovine meat	9.8	10.5	11.3	11.1	6.0
Poultry meat	13.2	13.5	13.8	14.1	4.4
Pig meat	8.2	8.4	9.1	9.4	12.2
Ovine meat	1.0	1.0	1.0	1.0	-1.2
SUPPLY AND DEMAND INDICATORS					
Per caput food consumption:					
World (kg/year)	44.0	44.2	43.4	43.3	-2.1
Trade - share of prod. (%)	9.8	10.0	10.5	10.8	7.7
FAO MEAT PRICE INDEX (2002–2004=100)					
	2017	2018	2019 Jan–Oct		%Change Jan/Oct 2019 over Jan/Oct 2018
	170	166	173		3.6

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MEAT: MAJOR POLICY DEVELOPMENTS: MID-APRIL TO MID-OCTOBER 2019*

COUNTRY	DATE	PRODUCT	POLICY INSTRUMENT	DESCRIPTION
Argentina	Apr-19	Pig meat	Trade agreement	Announced a deal with Chinese authorities to export pig meat to China from 25 of the country's meatpacking plants.
	Sep-19	All	Trade agreement	Announced that, after a first shipment in June, 15 Argentinian meat processing plants were cleared to supply bovine and poultry meat to China.
Brazil	Sep-19	All	Market access	Announced that 25 meat processing plants in the country have received authorization to export to China.
Canada	May-19	All	Tariff lifted	Lifted tariff on US bovine and pig meat, under a deal signed with the United States to remove its tariffs on steel and aluminium imports from Canada.
	Jun-19	All	Export ban	Agreed to suspend permits for meat exports to China after a request from Chinese authorities due to a detected case of ractopamine, a feed additive banned in China.
China (Mainland)	Apr-19	Pig meat	Import ban	Announced an import ban on meat products derived from pigs and wild boars from Cambodia, after detection of a case of African Swine Fever (ASF).
	Jun-19	Pig meat	Import ban	Announced an import ban on meat products derived from pigs and wild boars from the Lao People's Democratic Republic due to ASF outbreaks reported by the country.
	Aug-19	Pig meat	Import ban	Announced an import ban on meat products derived from pigs and wild boars from Myanmar due to concerns over ASF.
	Aug-19	Pig meat	Import ban	Announced an import ban on meat products derived from pigs and wild boars from Slovakia, after a case of ASF was detected in a backyard swine herd.
	Aug-19	All	Tariff	Announced an extra 10 percent tariff on bovine and pig meat imports from the United States, starting from September 1, 2019. This is in addition to the 25 percent retaliatory tariff imposed by China on meat imports from the United States in July 2018.
	Sep-19	Pig meat	Production support	Announced the implementation of a series of policies aimed at supporting national pig meat production, including subsidies for constructing large pig farms and simplifying procedures for obtaining and reducing the cost of land for pig farms.
Egypt	Sep-19	Bovine meat	Market access	Approved imports of bovine meat from three Ukrainian plants.
	Sep-19	Bovine meat	Market access	Authorized first bovine meat imports from Lithuania following an audit by Chinese inspectors.
	Sep-19	Pig meat	Import ban	Banned pig meat imports from the Republic of Korea over ASF concerns.
	May-19	Bovine meat	Import policy	Delisted all companies that provided halal certification for US bovine meat exports and obligated exporters to obtain the halal certificate from a single company.

COUNTRY	DATE	PRODUCT	POLICY INSTRUMENT	DESCRIPTION
Eswatini	Jun-19	Pig meat	Import ban	Banned imports of live pigs from South Africa after a reported outbreak of ASF.
European Union	Apr-19	All	Import policy	Agreed on a series of changes to rules on imports of animal products from countries including Argentina, the Russian Federation and Egypt. In the case of Argentina, the European Union (EU) has agreed to allow fresh bone-in meat from 'Patagonia Norte A', a region declared free from foot-and-mouth disease (FMD).
	Jun-19	All	Trade agreement	Signed a trade agreement and an investment protection agreement with Viet Nam on 30 June 2019, aimed at granting preferential treatment for goods and services and eliminating non-tariff barriers encountered by both sides. For the meat sector, the agreements offer duty-free access into Viet Nam for EU frozen pig meat after 7 years, and provide for poultry meat to be fully liberalized after 10 years.
	Jun-19	All	Trade agreement	Reached an agreement with Southern Common Market (MERCOSUR), comprising Argentina, Brazil, Paraguay and Uruguay, aimed at removing the majority of tariffs, simplifying customs procedures and protecting geographical indicators. In the meat sector, MERCOSUR countries will command a 42.5 percent share of the new 99 000 tonne annual quota for bovine meat exports to EU member countries, with a tariff rate of 7.5 percent. Once implemented, the agreement will reduce the bovine meat quota levy, known as the Hilton quota, from 20 percent to zero.
	Aug-19	Bovine meat	Trade agreement	Signed an agreement with the United States, reviewing the functioning of the existing quota to import hormone-free beef into the EU. The agreement establishes that 35 000 tonnes of the non-hormone treated quota out of the total of 45 000 will be allocated to the US, phased over a 7-year period, with the remaining amount made available to all other exporters.
	Aug-19	All	Import ban lifted	Reopened its market to shipments of bovine and poultry meat from Brazil, following a ruling by the dispute settlement body of the World Trade Organization in favour of Brazil.
Japan	May-19	All	Tariff rate quota	Announced the safeguard (SG) trigger levels for bovine and pig meat for the fourth quarter of Japanese fiscal year 2019 (January 2020–March 2020). The bovine meat SG trigger is set at 17 percent of the previous year's trade, while the pig meat SG trigger level is set at 119 percent of the average of the three previous years of trade.
	May-19	Bovine meat	Market access	Lifted the age restriction on Canadian bovine meat exports. Under the rule in place since 2003 after the detection of bovine spongiform encephalopathy (BSE), Japan only imported bovine meat derived from cattle less than 30 months-old.
	Jul-19	Ovine meat	Market access	Authorized imports of ovine meat from Ireland.
	Jul-19	Poultry meat	Import ban	Imposed a temporary ban on imports of poultry meat and eggs from Denmark, following a recent outbreak of low pathogenic avian flu (LPAI).
Republic of Korea	Sep-19	Poultry meat	Import ban	Suspended imports of poultry meat and egg products from Chile, following an outbreak of H7 LPAI.
	Sep-19	Bovine meat	Import ban lifted	Removed restrictions for bovine meat imports from the EU, in place since 2001 due to BSE.

Major policy developments

COUNTRY	DATE	PRODUCT	POLICY INSTRUMENT	DESCRIPTION
Mexico	May-19	Poultry meat	Tariff rate quota	Announced an increase of the tariff rate quota (TRQ) for poultry meat by an additional 55 000 metric tonnes, bringing the total TRQ to 355 000 metric tonnes.
	May-19	All	Trade tariff lifted	Lifted tariffs on US bovine and pig meat, in response to the removal of tariffs imposed by the United States on steel and aluminium imports from Mexico.
The Philippines	Sep-19	Pig meat	Import ban	Suspended pig meat imports from the Republic of Korea, Myanmar and Serbia due to concerns over ASF, following bans by many countries for the same reason at different times including Belgium, Bulgaria, China, Czechia, Germany, Hungary, Democratic People's Republic of Korea, the Lao People's Democratic Republic, Latvia, Moldova, Mongolia, Poland, Romania, the Russian Federation, South Africa, Ukraine, Viet Nam and Zambia.
Russian Federation	Apr-19	Poultry meat	Trade agreement	Agreed with China to buy each other's poultry and related products.
	May-19	All	Market access	Confirmed that 26 meatpacking plants were approved by China, Hong Kong SAR to export pig meat and bovine meat to the country.
	Jun-19	All	Import ban extended	Extended until the end of 2020 the ban on the import of agricultural products, including meat, from countries that applied economic sanctions against the Russian Federation.
	Aug-19	Bovine meat	Market access	Granted market access for one Brazilian firm to supply bovine meat products to its market, by signing the veterinary certificates.
	Aug-19	Pig meat	Import ban	Banned imports of pig meat from Serbia following news that ASF had reached the Balkan country for the first time.
Saudi Arabia	Oct-19	Poultry meat	Import ban lifted	Lifted a ban on imports of hatching eggs and day-old-chicks from several countries, including Denmark, Italy and the Russian Federation, as these countries have been free of highly pathogenic avian flu for at least three months.
Serbia	Aug-19	Pig meat	Export ban	Halted pig meat exports to Bosnia and Herzegovina, North Macedonia and Montenegro due to reported cases of ASF.
Singapore	Jul-19	Poultry meat	Market access	Authorized imports of frozen poultry meat from the Russian Federation, following recognition that avian flu is present in only one region of the country.
South Africa	Jul-19	Bovine meat	Market access	Resumed bovine meat exports to China, following the removal of a ban imposed on its exports due to an outbreak of FMD in January.
Thailand	Jun-19	Pig meat	Import ban	Banned imports of live pigs and wild boars from the Lao People's Democratic Republic for 90 days, after the country confirmed its first case of ASF.
	Aug-19	Pig meat	Import ban	Banned imports of live pigs and wild boars from Myanmar for 90 days, after the country confirmed its first case of ASF.
United States of America	Apr-19	All	Market access	Finalized export certificates with the Government of Tunisia, allowing exports of bovine, poultry meat and egg products.

COUNTRY	DATE	PRODUCT	POLICY INSTRUMENT	DESCRIPTION
Ukraine	Aug-19	Poultry meat	Market access	Obtained formal approval to export poultry meat to Japan for the first time after the two countries agreed on required veterinary certificates.
	Aug-19	Poultry meat	Trade agreement	Ratified a trade agreement with Israel including tariff-rate quota for poultry meat exports.
Viet Nam	Sep-19	All	Market access	Authorized imports of meat from Lithuania after Vietnamese inspectors gave a positive assessment of control systems in the Baltic country.

* A collection of major meat policy developments starting in January 2011 is available at:
<http://www.fao.org/economic/est/est-commodities/commodity-policy-archive/en/?groupANDcommodity=Meat>

APPENDIX TABLE 14: TOTAL MEAT STATISTICS (thousand tonnes - carcass weight equivalent)

	Production		Imports		Exports		Utilization	
	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>
ASIA	141 518	134 770	18 208	20 198	4 695	4 828	154 998	150 143
China	87 014	79 972	5 482	7 385	637	597	91 879	86 760
India	7 463	7 508	1	2	1 472	1 534	5 993	5 975
Indonesia	3 334	3 430	214	267	6	6	3 541	3 690
Iran, Islamic Republic of	3 073	3 129	197	198	56	53	3 214	3 273
Japan	4 022	4 081	3 687	3 746	19	19	7 701	7 801
Korea, Republic of	2 513	2 585	1 493	1 514	43	50	3 871	4 020
Malaysia	2 008	2 032	342	339	67	67	2 283	2 305
Pakistan	3 784	3 925	26	29	57	62	3 753	3 892
Philippines	3 576	3 720	628	622	6	9	4 199	4 332
Saudi Arabia	996	1 018	866	864	78	86	1 783	1 796
Singapore	117	116	367	381	56	40	428	457
Thailand	2 836	2 912	32	29	1 304	1 440	1 572	1 539
Turkey	3 721	3 838	67	19	531	548	3 276	3 310
Viet Nam	5 273	4 710	1 599	1 523	28	18	6 845	6 215
AFRICA	19 165	19 188	2 992	3 003	255	246	21 902	21 946
Algeria	734	740	63	62	2	2	796	801
Angola	301	313	541	500	-	-	842	812
Egypt	2 228	2 286	334	364	8	6	2 553	2 644
Nigeria	1 423	1 421	3	3	1	1	1 425	1 423
South Africa	3 210	3 160	641	637	137	128	3 713	3 669
CENTRAL AMERICA	10 170	10 433	3 609	3 682	725	809	13 054	13 305
Cuba	387	398	419	423	-	-	806	821
Mexico	7 002	7 217	2 231	2 288	473	548	8 760	8 957
SOUTH AMERICA	44 213	45 354	1 287	1 398	8 897	9 844	36 603	36 908
Argentina	5 878	6 141	85	79	748	1 035	5 215	5 184
Brazil	27 692	28 610	58	46	6 942	7 567	20 809	21 089
Chile	1 515	1 559	683	764	376	449	1 822	1 875
Colombia	2 799	2 722	230	270	28	24	3 000	2 967
Uruguay	663	637	79	92	438	434	304	295
NORTH AMERICA	51 885	53 185	2 930	2 855	9 823	10 219	44 982	45 792
Canada	4 930	5 083	739	707	1 926	2 007	3 733	3 794
United States of America	46 954	48 101	2 178	2 134	7 896	8 212	41 235	41 984
EUROPE	64 890	65 548	2 991	3 067	6 258	6 928	61 636	61 680
Belarus	1 234	1 211	58	64	426	414	866	861
European Union	48 881	49 296	1 439	1 496	5 017	5 614	45 303	45 178
Russian Federation	10 677	10 865	806	801	321	345	11 174	11 314
Ukraine	2 374	2 439	172	175	384	455	2 163	2 159
OCEANIA	6 739	6 736	489	534	3 138	3 167	4 090	4 103
Australia	4 766	4 759	247	286	2 101	2 122	2 913	2 923
New Zealand	1 403	1 406	82	84	1 033	1 041	451	450
WORLD	338 579	335 214	32 507	34 738	33 790	36 042	337 263	333 877
LIFDC	25 828	25 308	3 006	2 945	1 700	1 751	27 134	26 501
LDC	13 148	13 124	1 482	1 491	39	39	14 591	14 577

Notes:

Meat aggregates have been standardized to comply with FAO statistical methods for calculating meat categories.

Total meat includes "other meat".

APPENDIX TABLE 15: BOVINE MEAT STATISTICS (thousand tonnes - carcass weight equivalent)

	Production		Imports		Exports		Utilization	
	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>
ASIA	18 330	18 875	5 976	6 584	1 798	1 866	22 528	23 591
China	6 456	6 866	2 017	2 608	63	59	8 430	9 415
India	2 534	2 549	-	-	1 445	1 510	1 089	1 039
Indonesia	568	570	208	262	-	1	775	831
Iran, Islamic Republic of	506	527	159	152	3	3	662	676
Japan	475	475	842	856	5	6	1 300	1 321
Korea, Republic of	279	289	524	578	4	4	792	865
Malaysia	51	52	201	204	9	9	243	247
Pakistan	1 898	1 919	1	1	48	52	1 851	1 868
Philippines	309	307	175	184	3	5	481	487
AFRICA	6 897	6 870	606	621	91	75	7 412	7 416
Algeria	150	150	61	60	-	-	211	210
Angola	102	103	114	110	-	-	216	213
Egypt	827	846	269	286	1	1	1 096	1 130
South Africa	996	950	21	20	53	46	964	924
CENTRAL AMERICA	2 776	2 832	415	417	475	526	2 717	2 722
Mexico	1 983	2 024	225	222	274	318	1 934	1 928
SOUTH AMERICA	16 040	16 355	422	460	3 310	3 716	13 151	13 099
Argentina	3 050	3 160	18	20	524	749	2 544	2 431
Brazil	9 900	10 307	45	34	1 989	2 194	7 955	8 147
Chile	201	208	296	342	12	23	485	527
Colombia	768	622	6	8	24	22	751	608
Uruguay	596	571	22	32	415	411	202	192
NORTH AMERICA	13 519	13 621	1 569	1 556	1 957	2 012	13 119	13 167
Canada	1 265	1 330	259	232	467	531	1 049	1 038
United States of America	12 254	12 291	1 306	1 321	1 490	1 481	12 068	12 126
EUROPE	10 734	10 647	955	901	728	746	10 961	10 801
European Union	8 006	7 934	336	323	384	416	7 958	7 841
Russian Federation	1 664	1 686	462	410	46	48	2 080	2 048
Ukraine	363	334	3	3	50	48	316	289
OCEANIA	2 978	3 001	52	53	2 092	2 133	938	921
Australia	2 306	2 315	14	14	1 514	1 541	805	788
New Zealand	658	672	12	13	575	589	96	96
WORLD	71 273	72 199	9 994	10 591	10 450	11 074	70 827	71 717
LIFDC	8 616	8 639	904	798	1 604	1 668	7 916	7 769
LDC	4 635	4 636	170	165	16	14	4 789	4 787

Note: Meat aggregates have been standardized to comply with FAO statistical methods for calculating meat categories.

APPENDIX TABLE 16: OVINE MEAT STATISTICS (thousand tonnes - carcass weight equivalent)

	Production		Imports		Exports		Utilization	
	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>
ASIA	9 159	9 279	685	698	43	36	9 801	9 941
Bangladesh	230	232	-	-	-	-	230	232
China	4 714	4 826	348	366	1	1	5 061	5 191
India	732	730	-	-	19	17	713	713
Iran, Islamic Republic of	355	352	38	45	-	-	393	397
Pakistan	473	475	-	-	3	4	470	471
Saudi Arabia	121	123	35	26	3	1	154	148
Turkey	400	401	1	1	-	-	401	402
AFRICA	3 059	3 068	25	23	29	29	3 055	3 062
Algeria	292	295	-	-	-	-	292	295
Nigeria	395	395	-	-	-	-	395	395
South Africa	165	165	7	6	1	-	172	171
Sudan	361	359	-	-	2	2	359	357
CENTRAL AMERICA	128	129	18	19	-	1	145	147
Mexico	102	103	8	9	-	1	109	111
SOUTH AMERICA	298	301	8	6	20	20	286	288
Brazil	117	119	8	6	-	-	125	125
NORTH AMERICA	92	91	146	148	4	4	235	235
United States of America	76	75	125	123	4	4	197	194
EUROPE	1 302	1 317	152	127	46	50	1 408	1 394
European Union	950	960	142	117	26	28	1 066	1 048
Russian Federation	227	232	3	3	12	14	218	221
OCEANIA	1 212	1 183	26	27	901	892	336	318
Australia	760	738	1	2	493	488	268	252
New Zealand	451	444	3	2	409	404	45	42
WORLD	15 250	15 368	1 059	1 047	1 043	1 031	15 266	15 384
LIFDC	3 604	3 608	8	8	44	43	3 568	3 572
LDC	2 236	2 243	6	6	18	16	2 224	2 233

APPENDIX TABLE 17: PIG MEAT STATISTICS (thousand tonnes - carcass weight equivalent)

	Production		Imports		Exports		Utilization	
	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>
ASIA	66 579	55 154	4 745	5 615	197	161	71 061	60 578
China	54 978	44 127	1 924	2 819	105	75	56 797	46 871
India	300	295	1	1	1	-	300	296
Indonesia	345	347	4	2	-	-	349	349
Japan	1 294	1 306	1 487	1 516	4	3	2 790	2 809
Korea, Republic of	1 329	1 364	761	709	2	2	2 008	2 051
Malaysia	195	197	33	29	5	4	223	221
Philippines	1 883	1 963	163	149	2	2	2 044	2 110
Thailand	902	904	1	1	25	28	878	876
Viet Nam	3 830	3 160	79	97	25	15	3 884	3 242
AFRICA	1 522	1 536	285	274	28	30	1 779	1 779
Madagascar	66	65	-	-	-	-	66	65
Nigeria	280	279	1	1	-	-	281	280
South Africa	251	263	45	38	24	27	272	274
Uganda	126	125	1	-	-	-	127	126
CENTRAL AMERICA	2 092	2 172	1 289	1 332	207	239	3 174	3 265
Cuba	249	257	22	23	-	-	271	280
Mexico	1 504	1 571	1 006	1 048	186	218	2 324	2 401
SOUTH AMERICA	6 115	6 408	492	553	1 010	1 235	5 597	5 727
Argentina	622	660	52	49	8	13	666	697
Brazil	3 722	3 927	2	2	804	989	2 921	2 940
Chile	526	536	235	269	190	227	571	578
Colombia	386	421	128	153	2	-	512	574
NORTH AMERICA	14 086	14 709	849	798	3 828	4 140	11 111	11 357
Canada	2 138	2 187	263	260	1 284	1 304	1 123	1 147
United States of America	11 948	12 522	582	534	2 544	2 836	9 983	10 206
EUROPE	29 772	29 943	365	431	3 065	3 560	27 072	26 814
Belarus	400	372	24	33	46	39	378	366
European Union	24 112	24 209	16	17	2 916	3 401	21 212	20 825
Russian Federation	3 763	3 870	112	166	65	82	3 811	3 954
Serbia	302	311	52	49	21	21	333	339
Ukraine	701	690	36	38	3	2	734	726
OCEANIA	562	537	307	347	44	39	825	845
Australia	413	390	217	257	42	37	588	609
Papua New Guinea	81	81	8	8	-	-	89	89
WORLD	120 727	110 457	8 333	9 350	8 379	9 403	120 619	110 364
LIFDC	5 177	4 499	227	250	29	18	5 376	4 732
LDC	2 089	2 061	173	170	-	-	2 262	2 230

APPENDIX TABLE 18: POULTRY MEAT STATISTICS (thousand tonnes - carcass weight equivalent)

	Production		Imports		Exports		Utilization	
	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>	2018 <i>estim.</i>	2019 <i>f'cast</i>
ASIA	44 741	48 754	6 696	7 173	2 464	2 584	48 985	53 378
China	19 020	22 306	1 130	1 513	454	448	19 696	23 371
India	3 707	3 744	-	-	7	7	3 700	3 737
Indonesia	2 290	2 380	-	-	2	2	2 288	2 378
Iran, Islamic Republic of	2 196	2 233	-	-	52	48	2 144	2 186
Japan	2 246	2 293	1 325	1 337	10	10	3 571	3 627
Korea, Republic of	900	927	186	204	37	44	1 044	1 077
Kuwait	58	59	150	158	8	9	200	208
Malaysia	1 757	1 778	72	73	52	53	1 777	1 798
Saudi Arabia	729	749	652	650	37	44	1 343	1 355
Singapore	96	95	172	184	15	17	254	262
Thailand	1 777	1 850	2	2	1 135	1 274	652	616
Turkey	2 229	2 305	6	3	502	511	1 734	1 797
Yemen	147	126	91	99	-	-	238	225
AFRICA	5 927	5 955	2 066	2 074	92	99	7 902	7 930
Angola	40	41	329	301	-	-	369	342
South Africa	1 755	1 739	567	572	55	53	2 267	2 258
CENTRAL AMERICA	5 075	5 202	1 784	1 812	40	41	6 820	6 973
Cuba	34	36	286	293	-	-	320	329
Mexico	3 330	3 437	990	1 006	10	9	4 311	4 433
SOUTH AMERICA	21 575	22 107	366	378	4 423	4 705	17 518	17 780
Argentina	2 079	2 193	14	10	194	252	1 899	1 951
Brazil	13 931	14 235	3	4	4 050	4 248	9 885	9 991
Chile	766	793	152	153	167	193	752	753
NORTH AMERICA	23 883	24 459	353	340	4 017	4 044	20 215	20 734
Canada	1 486	1 525	194	190	164	159	1 509	1 556
United States of America	22 396	22 934	154	145	3 853	3 885	18 701	19 173
EUROPE	21 902	22 461	1 286	1 331	2 375	2 525	20 825	21 259
European Union	15 248	15 629	736	779	1 652	1 727	14 331	14 682
Russian Federation	4 448	4 502	215	212	197	199	4 479	4 508
Ukraine	1 276	1 381	134	133	331	404	1 079	1 110
OCEANIA	1 515	1 543	102	104	81	84	1 536	1 564
Australia	1 260	1 289	15	14	44	49	1 231	1 254
New Zealand	220	219	1	1	37	34	184	186
WORLD	124 618	130 480	12 652	13 212	13 491	14 081	123 800	129 618
LIFDC	6 770	6 900	1 858	1 880	10	10	8 618	8 770
LDC	3 256	3 252	1 129	1 146	2	6	4 383	4 392

Note: Meat aggregates have been standardized to comply with FAO statistical methods for calculating meat categories.

APPENDIX TABLE 27: SELECTED INTERNATIONAL MEAT PRICES

Period	Bovine meat prices			Ovine meat price	Pig meat prices			Poultry meat prices	
	Australia	United States of America	Brazil	New Zealand	United States of America	Brazil	Germany	United States of America	Brazil
Annual (Jan/Dec) (USD per tonne)								
2008	3 024	4 325	3 785	2 975	2 270	3 000	2 364	997	1 896
2009	2 562	3 897	3 118	3 495	2 202	2 223	2 035	989	1 552
2010	3 272	4 378	3 919	3 662	2 454	2 747	1 913	1 032	1 781
2011	3 944	4 516	4 816	5 370	2 648	3 023	2 169	1 147	2 083
2012	4 176	4 913	4 492	4 754	2 676	2 784	2 233	1 228	1 931
2013	4 009	5 535	4 326	4 130	2 717	2 872	2 311	1 229	2 014
2014	5 016	6 678	4 515	4 687	3 183	3 434	2 106	1 206	1 940
2015	4 638	6 201	4 130	3 641	2 576	2 499	1 582	1 003	1 642
2016	4 059	5 569	3 836	3 571	2 424	2 143	1 682	914	1 532
2017	4 378	5 871	4 047	4 486	2 529	2 482	1 871	999	1 653
2018	4 110	6 416	3 931	5 249	2 506	1 965	1 728	971	1 552
Monthly									
2018 – October	3 735	6 563	3 796	5 308	2 417	1 796	1 624	904	1 531
2018 – November	3 875	6 589	3 854	5 412	2 462	1 858	1 596	892	1 575
2018 – December	4 096	6 526	3 697	5 272	2 395	1 986	1 596	851	1 600
2019 – January	4 166	6 318	3 686	4 827	2 367	2 010	1 600	850	1 563
2019 – February	4 373	6 482	3 666	4 798	2 328	1 980	1 629	874	1 595
2019 – March	4 470	6 546	3 631	4 675	2 272	2 052	1 701	912	1 599
2019 – April	4 693	6 567	3 669	4 684	2 298	2 160	1 979	974	1 602
2019 – May	4 529	6 443	3 755	4 777	2 435	2 268	2 047	1 016	1 695
2019 – June	4 591	6 427	3 709	4 997	2 591	2 308	2 119	1 059	1 624
2019 – July	4 674	6 299	3 908	5 245	2 659	2 297	2 049	1 085	1 686
2019 – August	4 633	6 263	4 136	5 246	2 613	2 235	2 112	1 089	1 665
2019 – September	4 779	6 244	4 227	5 385	2 620	2 312	2 096	1 095	1 640
2019 – October	4 954	6 231	4 290	5 464	2 642	2 337	2 103	1 098	1 630

Notes:

Bovine meat prices:

Australia: Cow 90CL export prices to the USA (FAS)

United States of America: Frozen beef - export unit value

Brazil: Frozen beef - export unit value

Ovine meat prices:

New Zealand: Lamb 17.5kg cwt - export price

Pig meat prices:

United States of America: Frozen pigmeat - export unit value

Brazil: Frozen pigmeat - export unit value

Germany: Monthly market price for pig carcass grade E

Poultry meat prices:

United States of America: Broiler cuts - export unit value

Brazil: Export unit value for chicken (f.o.b.)

Prices for the two most recent months may be estimates and subject to revision.

APPENDIX TABLE 28: SELECTED INTERNATIONAL MEAT PRICES AND FAO MEAT PRICE INDICES

FAO indices

Period	Total meat	Bovine meat	Ovine meat	Pig meat	Poultry meat
Annual (Jan/Dec) (2002-2004=100)				
2008	161	158	128	152	184
2009	141	135	151	131	162
2010	158	165	158	138	179
2011	183	191	232	153	206
2012	182	195	205	153	201
2013	184	197	178	157	206
2014	198	231	202	164	200
2015	168	213	157	126	168
2016	156	191	154	123	156
2017	170	204	194	135	169
2018	166	204	227	124	160
Monthly					
2018 – October	160	197	229	117	155
2018 – November	163	201	234	117	157
2018 – December	162	202	228	117	156
2019 – January	160	200	208	117	154
2019 – February	163	205	207	117	157
2019 – March	164	207	202	120	160
2019 – April	171	212	202	131	164
2019 – May	174	209	206	136	173
2019 – June	176	209	216	142	171
2019 – July	179	212	226	141	176
2019 – August	180	214	226	141	175
2019 – September	181	217	232	142	174
2019 – October	183	221	236	143	173

Notes:

The **FAO Meat Price Indices** consist of 2 poultry meat product quotations (the average weighted by assumed fixed trade weights) - 3 bovine meat product quotations (average weighted by assumed fixed trade weights) - 3 pig meat product quotations (average weighted by assumed fixed trade weights) - 1 ovine meat product quotation (average weighted by assumed fixed trade weights): the four meat group average prices are weighted by world average export trade shares for 2002/2004.

Prices for the two most recent months may be estimates and subject to revision.