

# MEAT AND MEAT PRODUCTS

World meat production in 2020 is forecast at 337.3 million tonnes (carcass weight equivalent), down 0.5 percent year-on-year, a markedly less downbeat forecast than earlier anticipated, but still marking a second consecutive year of decline. An expected drop in pig meat production – mostly in Asia and especially in China – caused by the continued impact of the African swine fever disease, is responsible for much of the foreseen downturn in global meat production, along with likely declines in bovine meat output in India, Australia and Brazil, among others, caused by tight supplies. By contrast, poultry meat production is anticipated to expand, albeit at slightly over half the rate recorded last year, due to robust demand, mostly reflecting the deficit and high domestic prices of pig meat in China. Modest output growth is also predicted for ovine meat. The pace of production expansion across all meat sectors has been moderated by the pandemic-related disruptions to production processes and producers' output restraints to balance supply under uncertain demand, despite government stimulus packages targeting the industry.

World meat trade is forecast to grow to 37.6 million tonnes in 2020, up 3.9 percent year-on-year, a significantly lower growth rate than the 6.9 percent registered in 2019, reflecting import curtailments by many countries, consistent with the negative impacts of COVID-19 market disruptions to global meat trade and the deep global recession. By contrast, China's meat imports are forecast to expand by 44 percent, or more than 3 million tonnes, from 2019, absorbing around 30 percent of the world meat exports. Much of the expected rise in global meat imports is likely to be met by exports from Brazil, the United States of America, Canada, Mexico, the Russian Federation and the European Union.

Notwithstanding the significant rise in meat imports by China, a combination of COVID-19-related economic hardships, reduced demand from the food services sector, logistical bottlenecks and limited availability of foreign exchange in some meat importing countries has weakened global import demand, compared with export availabilities, causing international meat prices to fall this year. The sharpest drop has been registered for pig meat, followed by poultry, bovine and ovine meats. Given that COVID-19-related market disruptions are likely to persist, meat demand is expected to remain subdued in the coming months, keeping international meat prices under pressure.

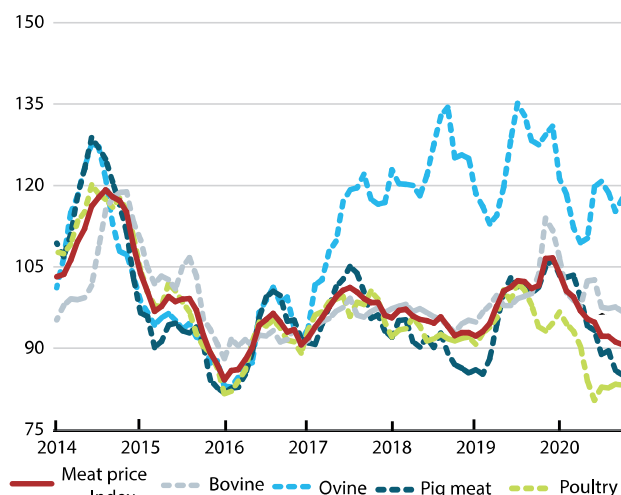
For additional analyses and updates, see:

Meat Market Review  
<http://www.fao.org/economic/est/est-commodities/meat/meat-and-meat-products-update/en/>

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## Monthly international price indices (2014–2016 = 100)



## World meat market at a glance

	2018	2019 <i>estim.</i>	2020 <i>f'cast</i>	Change: 2020 over 2019	
			<i>June</i>	<i>Nov.</i>	
	<i>million tonnes (carcass weight equivalent)</i>				<i>%</i>
<b>WORLD BALANCE</b>					
<b>Production</b>	<b>342.2</b>	<b>339.0</b>	<b>333.0</b>	<b>337.3</b>	<b>-0.5</b>
Bovine meat	71.6	72.8	72.0	71.9	-1.2
Poultry meat	127.3	133.6	136.8	137.1	2.6
Pig meat	120.9	109.8	101.0	105.3	-4.0
Ovine meat	15.7	16.0	16.2	16.0	0.2
<b>Trade</b>	<b>33.8</b>	<b>36.2</b>	<b>37.0</b>	<b>37.6</b>	<b>3.9</b>
Bovine meat	10.5	11.2	11.1	11.0	-1.7
Poultry meat	13.5	13.9	13.8	14.1	1.1
Pig meat	8.4	9.5	10.6	11.1	15.9
Ovine meat	1.0	1.0	1.0	1.0	-5.3
<b>SUPPLY AND DEMAND INDICATORS</b>					
<b>Per caput food consumption:</b>					
World (kg/year)	44.6	43.6	42.4	43.1	-1.3
<b>Trade - share of prod. (%)</b>	<b>9.9</b>	<b>10.7</b>	<b>11.1</b>	<b>11.1</b>	<b>4.4</b>
<b>FAO MEAT PRICE INDEX (2014–2016=100)</b>	<b>2018</b>	<b>2019</b>	<b>2020 <i>Jan–Oct</i></b>		<b>%Change Jan/Oct 2020 over Jan/Oct 2019</b>
	95	100	96		-3.0

## MEAT: MAJOR POLICY DEVELOPMENTS MID-MAY 2020 TO MID-OCTOBER 2020\*

COUNTRY	DATE	PRODUCT	POLICY INSTRUMENT	DESCRIPTION
Australia	Jun-20	All	Government support	Extended the Drought Community Support Initiative programme until the end of 2020 (Round 2 of AUD 148.5 million, around USD 102.5 million) to support drought-affected farm households.
	Jul-20	All	Government support	Extended the Farm Household Allowance Relief Payment for 3 months. The extension was expected to provide up to AUD 2.1 million (around USD 1.5 million) to eligible farmers and their families experiencing financial hardship, regardless of the cause and without limiting payment to those impacted by COVID-19.
	Jul-20	All	Trade agreement	Started benefiting from reduced tariffs to export frozen bovine and sheep meat to Indonesia as agreed in the Indonesia-Australia Comprehensive Economic Partnership Agreement, which entered into force on 5 July 2020. The agreement allows tariffs to be reduced from 5 to 2.5 percent for frozen bovine and sheep meats and for 575 000 cattle to be exported duty free in year one.
	Sep-20	Pig meat	Trade agreement	Agreed with Singapore on a pre-emptive zoning arrangement that will allow pig meat trade to continue from non-affected Australian states or territories if African swine fever is detected in domestic pigs.
Brazil	Jun-20	All	Market access	Announced that South Africa has granted approval for more meat plants for supplying meat, bringing the list of establishments to over 700 with approvals in 24 countries, including in the Philippines, Thailand and Viet Nam during the previous months.
	Jul-20	Pig meat	Market access	Announced that Myanmar has approved pig meat imports, reflecting a reduction in that country's domestic pig meat production as a result of the spread of the ASF virus.
	Aug-20	Bovine meat	Market access	Announced that Mexico has authorized seven establishments to export fresh bovine meat for processing, but not for direct consumption, as the two countries have not yet agreed to a model veterinary certificate for that purpose.
Canada	Jun-20	All	Government support	Launched the 2020 Canada-Alberta Fed Cattle Feed Cost Offset Initiative. This programme helps to cover the increased costs of feeding market-ready cattle and hogs due to COVID-19-related processing delays, while redirecting surplus pig meat products to help those in need.
	Sep-20	All	Government support	Announced temporary flexibility in enforcing some Canadian labelling and packaging regulations for prepackaged meat products, in response to industry challenges caused by the COVID-19 pandemic, until 31 December 2020 for both food service packaged products and prepackaged meat products. Label requirements associated with food safety are mandatory and businesses must continue to ensure that traceability documentation is maintained.
	Oct-20	All	Government support	Announced the Emergency On-Farm Support Fund, which provides a CAD 35 million investment (USD 26.5 million) to improve health and safety on farms and in employee living quarters to prevent and respond to the spread of COVID-19. The fund will provide support to farmers for direct infrastructural improvements to living quarters and work stations, temporary or emergency housing (on- or off-farm), as well as personal protective equipment, sanitary stations, and other measures to safeguard the health and safety of Canadian and temporary foreign workers against COVID-19. Eligible activities can be retroactive to 15 March 2020 and must be completed by 26 February 2021.
Chile	May-20	Poultry meat	Export ban	Suspended poultry meat exports to the European Union after European inspectors found some shortcomings in Chile's animal production control systems in March this year. The suspension is expected to be repealed after remedial measures are implemented.
China (Mainland)	May-20	Bovine meat	Import ban	Suspended imports of bovine meat from Ireland, on a temporary basis, following the confirmation of a case of 'atypical' bovine spongiform encephalopathy (BSE) in a 14-year-old cow. Under the existing protocols, detection of an atypical case does not affect the country's risk status or the progress towards negligible risk status.

COUNTRY	DATE	PRODUCT	POLICY INSTRUMENT	DESCRIPTION
China (Mainland)	Jul-20	All	Market access	Approved imports of bovine, pig and poultry meats from 15 US meat processing and cold storage facilities. The measure provided some relief to US exporters, given the suspensions of import shipments by China due to concerns over COVID-19.
	Aug-20	Bovine meat	Import ban	Suspended bovine meat imports from Australia, effective 27 August, after finding traces of the banned antibiotic chloramphenicol in a shipment, and requested the supplier to temporarily halt shipments.
	Sep-20	Poultry meat	Import policy	Suspended poultry imports from four Russian regions, namely Kurgan, Omsk, Tyumen and Vladimir, following outbreaks of highly pathogenic avian influenza (HPAI). However, China lifted the earlier ban from the Kursk region. Meanwhile, eight Russian plants were cleared to start exporting frozen poultry meat from 11 September.
	Oct-20	All	Import ban	Requested foreign meat suppliers to suspend cold-chain food product exports, including meat, when COVID-19 cases are detected among plant workers. Under the rules, the first two positive findings of COVID-19 cases among plant workers lead to one week-long suspensions, but the next two would trigger suspensions lasting one month. During the past few months, almost 50 establishments have had to temporarily halt shipments to China under this rule, although exports from 18 of these have since resumed. Plants involved are from the following countries: Argentina, Australia, Brazil, Canada, Denmark, France, Germany, Ireland, Italy, the Netherlands, Panama, Spain, the United Kingdom of Great Britain and Northern Ireland, the United States of America and Uruguay.
Colombia	Jun-20	All	Government support	Promoted a programme 'Support for the transportation of perishable agricultural and livestock products for marketing in zones different from the production municipality' to support the livestock sector.
Egypt	Jul-20	Poultry meat	Market access	Authorized imports of thermo-processed poultry meat from Brazil.
European Union**				Announced the Farm to Fork Strategy and the Biodiversity Strategy for 2030 as roadmaps for enhancing food and agricultural sustainability by 2030 under the Green Deal. The strategies aim to allow Member States to tailor their new Common Agricultural Policy (CAP) programmes through a system of conditions to be met by farmers receiving area- and animal-based CAP payments. They target a 50 percent reduction in pesticide use, a 20 percent reduction in fertilizer use, a 50 percent reduction in nutrient leakage to groundwater, 25 percent of agricultural land being used for organic farming, 10 percent of land being set aside for environmental areas, and an increase in nature conservation areas by 30 percent.
	Jun-20	All	Government support	Adopted a regulation, as an exceptional measure, which allows Member States to pay up to EUR 7 000 (USD 7 881) to farmers and up to EUR 50 000 (USD 56 295) to small and medium enterprises active in processing, marketing or development of agricultural products or cotton, except fishery products.
	Jul-20	All	Government support	Approved a EUR 1.8 billion (USD 2.07 billion) support package, combining a new multiannual financial framework 2021–2027 proposal valued at EUR 1.07 trillion (USD 1.23 trillion) with a specific recovery effort titled the Next Generation EU proposal valued at EUR 750 billion (USD 861 billion). The package aims to rebuild the EU after the COVID-19 pandemic and support investment in green and digital transitions. The proposal includes allocations for the new CAP and Fisheries policy (Pillar I) and for rural development (Pillar II), covering the period from 2021–2027.
Germany	Sep-20	Pig meat	Export ban	Was banned from exporting pig meat by ten countries, namely Argentina, Brazil, China (Mainland), Japan, the Republic of Korea, Mexico, the Philippines, Singapore, South Africa and Ukraine, following the detection of ASF among wild boars in the country.
India	Jul-20	All	Import policy	Unveiled a new regulation where Animal Quarantine and Certification Services officials are required to occasionally inspect the sealed samples of goods arriving at customs for physical identification purposes. This aims to facilitate and promote an early clearance of imported livestock products, especially those under the 'no testing category', as the policy will eliminate the need to collect samples.
Japan	Aug-20	Poultry meat	Import ban	Suspended imports of live poultry and poultry meat from Australia following a case of HPAI outbreak on a farm in the Australian state of Victoria.

COUNTRY	DATE	PRODUCT	POLICY INSTRUMENT	DESCRIPTION
Japan	Aug-20	Bovine meat	Market access	Allowed imports of cattle of any age from France. Earlier, imports had been limited to meat of animals under 30 months, a requirement introduced two decades ago due to concerns over BSE. Similar authorizations were earlier approved for Canada, Ireland and the United States of America.
Malaysia	Jul-20	Bovine meat	Market access	Allowed imports of bovine meat from Argentina after one decade under a new agreement on a model veterinary certificate.
Mexico	May-20	Pig meat	Market access	Obtained approval to export pig meat from five processing plants and five cold stores to Ireland.
Philippines	May-20	Bovine meat	Market access	Approved imports of Spanish bovine meat after finalizing a model veterinary certificate.
	Aug-20	Poultry meat	Import ban	Announced a ban on Australian poultry meat imports due to concerns over HPAI.
	Sep-20	Poultry meat	Import ban lifted	Lifted a ban on poultry meat imports from Brazil due to concerns over COVID-19 among plant workers. Only meat plants with no cases of the virus among workers will be allowed to supply. The ban was previously imposed in August due to traces of COVID-19 found in some shipments.
	Aug-20	Poultry meat	Export ban lifted	Regained access to a number of countries, which had previously banned Polish poultry meat imports, including Armenia, Belarus, Hong Kong SAR, Japan and Singapore, due to concerns over the spread of avian flu.
Serbia	Oct-20	Pig meat	Import ban lifted	Allowed imports of pig meat from parts of Poland that remain free of ASF.
Singapore	Jul-20	Pig meat	Market access	Approved pig meat imports from Ukraine.
	Oct-20	Bovine meat	Import ban lifted	Reopened its market to bovine meat from Germany. Imports of German bovine meat were suspended by Singapore in 2000 following the detection of BSE.
South Africa	Sep-20	Poultry meat	Import ban lifted	Lifted a five-month ban on US poultry meat stemming from an outbreak of HPAI in the state of South Carolina.
United Arab Emirates	Jun-20	Bovine meat	Import ban lifted	Lifted a ban on US live cattle that was imposed in 2003 after the detection of BSE in a cow from Washington State.

COUNTRY	DATE	PRODUCT	POLICY INSTRUMENT	DESCRIPTION
Viet Nam	Jun-20	All	Market access	Authorized imports from five Brazilian meat plants with a view to covering shortfalls in domestic production due to the spread of ASF among its pig population.
	Jun-20	Pig meat	Import tariff	Reduced Most Favoured Nation tariffs from 25 to 22 percent for a list of products, including fresh or chilled pig meat, and made a temporary reduction for frozen pig meat from 15 to 10 percent. Tariff reductions will be valid until 31 December 2020.
	Jul-20	Pig meat	Government support	Launched the National Plan on ASF Prevention and Control 2020-2025, which set a target to have no ASF outbreaks in more than 90 percent of communes and wards by 2022 and no ASF outbreaks nationwide by 2025.

\* 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>

\*\* From 31 January 2020: EU-27

**APPENDIX TABLE 14: TOTAL MEAT STATISTICS<sup>1</sup>**  
*(thousand tonnes - carcass weight equivalent)*

	Production		Imports		Exports		Utilization	
	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>
<b>ASIA</b>	<b>136 513</b>	<b>133 919</b>	<b>19 592</b>	<b>22 165</b>	<b>4 734</b>	<b>4 322</b>	<b>151 303</b>	<b>151 694</b>
China	80 383	78 736	7 496	10 815	603	523	87 275	89 029
India	7 726	6 965	2	2	1 451	1 066	6 277	5 901
Indonesia	3 660	3 597	259	203	6	6	3 913	3 795
Iran (Islamic Republic of)	3 142	3 160	151	41	53	48	3 240	3 154
Japan	4 059	4 131	3 726	3 631	18	18	7 709	7 728
Malaysia	2 255	2 267	321	289	70	73	2 506	2 483
Pakistan	3 999	4 107	2	2	76	76	3 926	4 033
Philippines	3 694	3 210	624	597	7	8	4 311	3 799
Republic of Korea	2 577	2 632	1 490	1 325	59	63	3 949	3 852
Saudi Arabia	836	939	827	759	87	73	1 576	1 625
Singapore	124	126	362	396	35	42	451	480
Thailand	3 002	2 989	29	33	1 371	1 362	1 709	1 649
Turkey	3 687	3 762	8	7	535	597	3 161	3 172
Viet Nam	4 849	4 745	979	878	55	54	5 773	5 569
<b>AFRICA</b>	<b>20 431</b>	<b>20 655</b>	<b>2 974</b>	<b>2 790</b>	<b>277</b>	<b>279</b>	<b>23 129</b>	<b>23 167</b>
Algeria	808	801	68	53	2	2	875	853
Angola	261	259	518	430	-	-	779	689
Egypt	2 210	2 211	353	293	4	4	2 558	2 500
Nigeria	1 449	1 419	3	3	1	1	1 451	1 421
South Africa	3 234	3 314	600	478	135	152	3 699	3 640
<b>CENTRAL AMERICA &amp; THE CARIBBEAN</b>	<b>10 449</b>	<b>10 718</b>	<b>3 601</b>	<b>3 451</b>	<b>845</b>	<b>1 007</b>	<b>13 206</b>	<b>13 162</b>
Cuba	352	352	368	327	-	-	719	680
Mexico	7 308	7 547	2 288	2 208	575	715	9 020	9 040
<b>SOUTH AMERICA</b>	<b>47 147</b>	<b>47 449</b>	<b>1 238</b>	<b>1 085</b>	<b>9 814</b>	<b>10 674</b>	<b>38 572</b>	<b>37 859</b>
Argentina	6 115	6 226	63	44	1 072	1 146	5 105	5 124
Brazil	30 244	30 464	54	54	7 493	8 207	22 805	22 311
Chile	1 517	1 574	607	530	432	515	1 693	1 588
Colombia	2 805	2 738	268	209	25	37	3 048	2 910
Uruguay	627	578	103	108	438	402	292	283
<b>NORTHERN AMERICA</b>	<b>53 316</b>	<b>53 956</b>	<b>2 885</b>	<b>3 072</b>	<b>9 946</b>	<b>10 637</b>	<b>46 179</b>	<b>46 465</b>
Canada	5 092	5 137	731	817	1 991	2 191	3 826	3 779
United States of America	48 223	48 818	2 141	2 241	7 955	8 446	42 339	42 671
<b>EUROPE</b>	<b>64 276</b>	<b>64 155</b>	<b>2 940</b>	<b>2 654</b>	<b>7 265</b>	<b>7 612</b>	<b>59 943</b>	<b>59 191</b>
Belarus	1 197	1 223	63	68	412	484	848	807
European Union <sup>2</sup>	47 939	47 452	1 405	1 289	5 907	6 039	43 437	42 702
Russian Federation	10 877	11 171	778	638	387	521	11 261	11 283
Ukraine	2 518	2 551	171	152	464	474	2 225	2 229
<b>OCEANIA</b>	<b>6 891</b>	<b>6 493</b>	<b>566</b>	<b>499</b>	<b>3 314</b>	<b>3 059</b>	<b>4 143</b>	<b>3 934</b>
Australia	4 851	4 472	297	238	2 277	2 032	2 871	2 678
New Zealand	1 459	1 439	86	80	1 033	1 023	511	496
<b>WORLD</b>	<b>339 023</b>	<b>337 345</b>	<b>33 797</b>	<b>35 716</b>	<b>36 195</b>	<b>37 589</b>	<b>336 474</b>	<b>335 471</b>
LIFDC	27 074	26 403	2 460	2 453	1 721	1 344	27 814	27 513
LDC	14 269	14 330	1 606	1 521	51	50	15 824	15 801

<sup>1</sup> Including "other meat".

<sup>2</sup> Including data for the United Kingdom of Great Britain and Northern Ireland in all meat categories.



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

	Production		Imports		Exports		Utilization	
	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>
<b>ASIA</b>	<b>18 893</b>	<b>18 606</b>	<b>6 579</b>	<b>6 610</b>	<b>1 790</b>	<b>1 412</b>	<b>23 680</b>	<b>23 794</b>
China	6 685	6 795	2 726	3 271	65	58	9 346	10 007
India	2 629	2 247	-	-	1 429	1 052	1 200	1 196
Indonesia	565	563	254	198	1	1	819	761
Iran (Islamic Republic of)	484	458	128	34	3	4	608	488
Japan	471	475	857	853	6	5	1 323	1 313
Malaysia	52	52	190	162	9	8	233	206
Pakistan	1 955	1 955	1	1	64	64	1 892	1 892
Philippines	309	277	167	155	3	5	473	428
Republic of Korea	286	291	561	541	4	4	840	829
<b>AFRICA</b>	<b>7 195</b>	<b>7 192</b>	<b>646</b>	<b>547</b>	<b>89</b>	<b>99</b>	<b>7 751</b>	<b>7 640</b>
Algeria	150	140	66	51	-	-	216	191
Angola	100	95	125	102	-	-	225	197
Egypt	737	725	290	231	1	1	1 026	955
South Africa	995	927	20	7	49	65	966	869
<b>CENTRAL AMERICA &amp; THE CARIBBEAN</b>	<b>2 808</b>	<b>2 862</b>	<b>419</b>	<b>356</b>	<b>536</b>	<b>606</b>	<b>2 692</b>	<b>2 612</b>
Mexico	2 027	2 082	223	168	317	364	1 933	1 886
<b>SOUTH AMERICA</b>	<b>16 460</b>	<b>16 316</b>	<b>463</b>	<b>430</b>	<b>3 848</b>	<b>4 189</b>	<b>13 075</b>	<b>12 556</b>
Argentina	3 137	3 194	16	15	776	835	2 377	2 374
Brazil	10 200	10 070	42	45	2 279	2 561	7 962	7 554
Chile	212	223	333	287	23	34	522	476
Colombia	765	725	7	6	24	36	748	696
Uruguay	556	508	42	51	417	383	182	177
<b>NORTHERN AMERICA</b>	<b>13 683</b>	<b>13 639</b>	<b>1 565</b>	<b>1 735</b>	<b>1 943</b>	<b>1 854</b>	<b>13 325</b>	<b>13 505</b>
Canada	1 342	1 310	232	273	516	488	1 067	1 093
United States of America	12 341	12 329	1 331	1 459	1 428	1 366	12 255	12 409
<b>EUROPE</b>	<b>10 592</b>	<b>10 484</b>	<b>890</b>	<b>802</b>	<b>750</b>	<b>803</b>	<b>10 732</b>	<b>10 483</b>
European Union	7 886	7 771	318	282	429	438	7 775	7 615
Russian Federation	1 629	1 639	406	364	49	65	1 986	1 938
Ukraine	362	350	4	6	42	34	323	322
<b>OCEANIA</b>	<b>3 164</b>	<b>2 793</b>	<b>52</b>	<b>54</b>	<b>2 272</b>	<b>2 075</b>	<b>944</b>	<b>772</b>
Australia	2 432	2 085	14	15	1 672	1 485	774	615
New Zealand	718	694	14	14	597	587	135	121
<b>WORLD</b>	<b>72 796</b>	<b>71 894</b>	<b>10 616</b>	<b>10 533</b>	<b>11 228</b>	<b>11 039</b>	<b>72 199</b>	<b>71 362</b>
LIFDC	9 301	9 027	735	533	1 593	1 229	8 443	8 330
LDC	4 852	4 890	228	206	12	12	5 068	5 084

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

	Production		Imports		Exports		Utilization	
	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>
<b>ASIA</b>	<b>9 441</b>	<b>9 520</b>	<b>713</b>	<b>672</b>	<b>35</b>	<b>27</b>	<b>10 119</b>	<b>10 165</b>
Bangladesh	230	232	-	-	-	-	230	232
China	4 877	4 938	417	401	-	-	5 293	5 339
India	731	728	-	-	16	9	715	719
Iran (Islamic Republic of)	415	416	23	7	-	-	438	423
Pakistan	521	523	-	-	6	6	515	517
Saudi Arabia	123	125	23	24	1	1	145	149
Turkey	434	436	-	-	-	-	434	436
<b>AFRICA</b>	<b>3 476</b>	<b>3 538</b>	<b>18</b>	<b>17</b>	<b>29</b>	<b>30</b>	<b>3 465</b>	<b>3 525</b>
Algeria	346	347	-	-	-	-	346	347
Nigeria	388	386	-	-	-	-	389	386
South Africa	163	165	4	3	1	2	166	166
<b>CENTRAL AMERICA &amp; THE CARIBBEAN</b>	<b>132</b>	<b>134</b>	<b>16</b>	<b>13</b>	<b>1</b>	<b>1</b>	<b>147</b>	<b>145</b>
Mexico	104	106	7	4	1	1	110	109
<b>SOUTH AMERICA</b>	<b>327</b>	<b>334</b>	<b>6</b>	<b>4</b>	<b>22</b>	<b>20</b>	<b>311</b>	<b>317</b>
Brazil	133	135	5	3	-	-	138	138
<b>NORTHERN AMERICA</b>	<b>96</b>	<b>91</b>	<b>150</b>	<b>151</b>	<b>4</b>	<b>6</b>	<b>242</b>	<b>236</b>
United States of America	80	76	127	129	4	6	203	198
<b>EUROPE</b>	<b>1 312</b>	<b>1 279</b>	<b>121</b>	<b>114</b>	<b>54</b>	<b>57</b>	<b>1 379</b>	<b>1 336</b>
European Union	945	904	112	106	33	38	1 023	972
Russian Federation	227	229	3	2	12	11	217	219
<b>OCEANIA</b>	<b>1 202</b>	<b>1 130</b>	<b>31</b>	<b>28</b>	<b>906</b>	<b>853</b>	<b>327</b>	<b>305</b>
Australia	754	677	1	1	515	455	240	223
New Zealand	448	452	3	4	391	397	60	58
<b>WORLD</b>	<b>15 985</b>	<b>16 025</b>	<b>1 054</b>	<b>999</b>	<b>1 049</b>	<b>994</b>	<b>15 990</b>	<b>16 028</b>
LIFDC	3 917	3 964	6	5	42	36	3 880	3 933
LDC	2 629	2 680	3	3	16	15	2 616	2 669



## APPENDIX TABLE 17: PIG MEAT STATISTICS

(thousand tonnes - carcass weight equivalent)

	Production		Imports		Exports		Utilization	
	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>
<b>ASIA</b>	<b>54 536</b>	<b>49 348</b>	<b>5 606</b>	<b>7 752</b>	<b>177</b>	<b>180</b>	<b>59 865</b>	<b>56 896</b>
China	43 445	38 865	2 886	5 180	83	65	46 248	43 980
India	295	293	1	1	1	1	295	294
Indonesia	325	308	1	3	-	-	326	311
Japan	1 279	1 285	1 505	1 435	3	3	2 727	2 721
Malaysia	185	180	26	24	5	5	206	200
Philippines	1 854	1 479	125	86	2	2	1 978	1 564
Republic of Korea	1 364	1 396	703	575	2	3	2 019	1 940
Thailand	992	1 005	1	1	34	56	959	950
Viet Nam	3 233	3 042	74	152	15	12	3 291	3 182
<b>AFRICA</b>	<b>1 617</b>	<b>1 598</b>	<b>344</b>	<b>319</b>	<b>30</b>	<b>29</b>	<b>1 930</b>	<b>1 887</b>
Madagascar	64	63	-	-	-	-	64	63
Nigeria	285	256	1	2	-	-	286	258
South Africa	280	283	36	25	26	25	291	284
Uganda	129	129	1	1	-	-	129	130
<b>CENTRAL AMERICA &amp; THE CARIBBEAN</b>	<b>2 188</b>	<b>2 253</b>	<b>1 287</b>	<b>1 252</b>	<b>264</b>	<b>354</b>	<b>3 210</b>	<b>3 152</b>
Cuba	234	235	18	14	-	-	252	250
Mexico	1 600	1 658	1 016	987	244	334	2 372	2 311
<b>SOUTH AMERICA</b>	<b>6 425</b>	<b>6 661</b>	<b>393</b>	<b>322</b>	<b>1 188</b>	<b>1 643</b>	<b>5 630</b>	<b>5 339</b>
Argentina	630	665	40	24	9	30	661	659
Brazil	4 000	4 152	3	2	950	1 330	3 052	2 824
Chile	517	541	136	127	223	278	430	390
Colombia	370	391	139	97	-	-	509	487
<b>NORTHERN AMERICA</b>	<b>14 734</b>	<b>15 090</b>	<b>809</b>	<b>799</b>	<b>4 043</b>	<b>4 730</b>	<b>11 450</b>	<b>11 234</b>
Canada	2 191	2 312	278	310	1 295	1 516	1 163	1 126
United States of America	12 543	12 778	527	485	2 749	3 214	10 282	10 104
<b>EUROPE</b>	<b>29 719</b>	<b>29 842</b>	<b>372</b>	<b>275</b>	<b>3 802</b>	<b>4 084</b>	<b>26 289</b>	<b>26 033</b>
Belarus	384	389	29	31	32	30	381	390
European Union	23 906	23 810	19	20	3 635	3 857	20 290	19 973
Russian Federation	3 945	4 177	125	32	97	157	3 974	4 052
Serbia	307	300	46	47	20	20	332	327
Ukraine	705	691	31	30	3	4	733	717
<b>OCEANIA</b>	<b>541</b>	<b>551</b>	<b>362</b>	<b>301</b>	<b>36</b>	<b>38</b>	<b>867</b>	<b>813</b>
Australia	392	404	271	216	34	35	629	585
Papua New Guinea	81	77	7	7	-	-	88	84
<b>WORLD</b>	<b>109 760</b>	<b>105 343</b>	<b>9 173</b>	<b>11 019</b>	<b>9 542</b>	<b>11 058</b>	<b>109 241</b>	<b>105 355</b>
LIFDC	4 673	4 488	250	331	18	15	4 904	4 804
LDC	2 171	2 101	235	221	1	1	2 406	2 321

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

	Production		Imports		Exports		Utilization	
	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>	2019 <i>estim.</i>	2020 <i>f'cast</i>
<b>ASIA</b>	<b>50 974</b>	<b>53 730</b>	<b>6 594</b>	<b>7 061</b>	<b>2 553</b>	<b>2 535</b>	<b>55 050</b>	<b>58 222</b>
China	23 550	26 280	1 415	1 935	441	388	24 524	27 826
India	3 873	3 496	-	1	6	4	3 868	3 492
Indonesia	2 653	2 611	-	-	2	2	2 651	2 609
Iran (Islamic Republic of)	2 233	2 276	1	1	48	42	2 186	2 234
Japan	2 302	2 364	1 331	1 312	10	11	3 620	3 657
Kuwait	65	68	143	148	9	10	198	207
Malaysia	2 015	2 031	73	68	56	59	2 032	2 039
Republic of Korea	920	938	204	188	52	55	1 062	1 056
Saudi Arabia	624	726	618	554	47	34	1 195	1 246
Singapore	105	106	180	204	18	25	267	285
Thailand	1 853	1 825	3	2	1 212	1 194	692	622
Turkey	2 209	2 273	1	3	498	557	1 712	1 719
<b>AFRICA</b>	<b>6 114</b>	<b>6 273</b>	<b>1 953</b>	<b>1 892</b>	<b>117</b>	<b>112</b>	<b>7 950</b>	<b>8 053</b>
Angola	28	28	255	204	-	-	283	232
South Africa	1 746	1 889	540	442	57	57	2 229	2 275
<b>CENTRAL AMERICA &amp; THE CARIBBEAN</b>	<b>5 215</b>	<b>5 363</b>	<b>1 844</b>	<b>1 794</b>	<b>41</b>	<b>43</b>	<b>7 019</b>	<b>7 114</b>
Cuba	25	23	295	258	-	-	320	282
Mexico	3 488	3 613	1 040	1 046	11	14	4 517	4 645
<b>SOUTH AMERICA</b>	<b>23 790</b>	<b>23 993</b>	<b>375</b>	<b>328</b>	<b>4 593</b>	<b>4 664</b>	<b>19 572</b>	<b>19 656</b>
Argentina	2 221	2 241	5	4	265	263	1 961	1 982
Brazil	15 885	16 081	5	3	4 133	4 188	11 758	11 896
Chile	765	786	139	115	180	198	724	704
<b>NORTHERN AMERICA</b>	<b>24 478</b>	<b>24 809</b>	<b>350</b>	<b>379</b>	<b>3 934</b>	<b>4 027</b>	<b>20 848</b>	<b>21 175</b>
Canada	1 511	1 467	197	212	166	174	1 538	1 503
United States of America	22 967	23 342	147	161	3 769	3 853	19 304	19 666
<b>EUROPE</b>	<b>21 521</b>	<b>21 394</b>	<b>1 299</b>	<b>1 208</b>	<b>2 619</b>	<b>2 634</b>	<b>20 195</b>	<b>19 963</b>
European Union	14 637	14 403	718	642	1 773	1 676	13 582	13 370
Russian Federation	4 548	4 575	233	231	228	286	4 547	4 516
Ukraine	1 416	1 474	136	116	417	434	1 135	1 156
<b>OCEANIA</b>	<b>1 523</b>	<b>1 557</b>	<b>118</b>	<b>114</b>	<b>81</b>	<b>76</b>	<b>1 560</b>	<b>1 595</b>
Australia	1 250	1 284	11	5	49	50	1 212	1 239
New Zealand	223	221	1	1	31	26	193	196
<b>WORLD</b>	<b>133 615</b>	<b>137 118</b>	<b>12 533</b>	<b>12 777</b>	<b>13 937</b>	<b>14 091</b>	<b>132 194</b>	<b>135 779</b>
LIFDC	7 271	6 993	1 460	1 573	56	55	8 675	8 510
LDC	3 637	3 665	1 134	1 085	20	20	4 751	4 730

## 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	Australia	United States of America	Brazil	Germany	United States of America	Brazil
<b>Annual (Jan/Dec)</b>	..... (USD per tonne) .....									
2009	2 562	4 130	3 257	3 495	3 396	2 548	2 107	2 035	991	1 473
2010	3 272	4 585	4 093	3 673	4 352	2 851	2 647	1 913	1 032	1 671
2011	3 944	5 093	5 078	5 531	5 547	3 036	2 941	2 169	1 149	1 977
2012	4 176	5 885	4 765	4 656	4 486	2 952	2 700	2 233	1 228	1 889
2013	4 009	6 314	4 527	4 130	4 132	2 981	2 797	2 311	1 229	1 972
2014	5 016	7 361	4 712	4 701	4 686	3 233	3 411	2 106	1 205	1 886
2015	4 699	7 195	4 320	3 643	4 042	2 669	2 482	1 582	1 002	1 604
2016	4 171	6 390	4 053	3 578	3 978	2 648	2 129	1 682	914	1 501
2017	4 463	6 676	4 196	4 488	4 710	2 687	2 475	1 871	1 000	1 631
2018	4 198	7 118	4 045	5 244	4 979	2 587	1 959	1 728	970	1 537
2019	4 873	7 119	4 119	5 127	5 097	2 626	2 245	1 989	972	1 618
<b>Monthly</b>										
2019 – October	5 090	6 945	4 467	5 463	5 009	2 658	2 364	2 104	945	1 582
2019 – November	6 204	7 032	4 839	5 715	4 911	2 790	2 405	2 161	901	1 592
2019 – December	5 724	7 059	5 003	5 813	4 945	2 712	2 597	2 269	923	1 611
2020 – January	4 929	7 220	4 900	5 112	4 848	2 717	2 572	2 113	991	1 618
2020 – February	4 545	7 011	4 469	4 610	5 108	2 684	2 465	2 152	1 009	1 557
2020 – March	4 394	7 010	4 407	4 160	5 047	2 643	2 463	2 210	978	1 544
2020 – April	4 462	6 792	4 374	4 005	4 975	2 620	2 448	2 026	984	1 475
2020 – May	5 071	6 837	4 400	3 926	5 119	2 549	2 372	1 845	973	1 336
2020 – June	4 972	7 082	4 299	4 389	5 439	2 471	2 159	1 927	941	1 274
2020 – July	4 688	6 790	4 081	4 639	5 270	2 411	2 123	1 766	950	1 324
2020 – August	4 707	6 795	4 008	4 697	5 051	2 380	2 236	1 802	935	1 330
2020 – September	4 666	6 804	4 096	4 739	4 724	2 371	2 315	1 608	932	1 348
2020 – October	4 387	6 833	4 251	4 709	4 952	2 366	2 396	1 550	933	1 344

Notes:

### Bovine meat prices:

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

**United States of America:** Meat of bovine (Fresh, Chilled or Frozen), export unit value

**Brazil:** Meat of bovine (Fresh, Chilled or Frozen), export unit value

### Ovine meat prices:

**New Zealand:** Lamb 17.5kg NZ\$/kg

**Australia:** Medium trade lamb 18-20kg A\$/kg

### Pig meat prices:

**United States of America:** Meat of Swine (Fresh, Chilled or Frozen), export unit value

**Brazil:** Meat of Swine (Fresh, Chilled or Frozen), export unit value

**Germany:** Monthly market price for pig carcase grade E

### Poultry meat prices:

**United States of America:** Chicken Cuts and Edible Offal (Fresh, Chilled or Frozen), export unit value

**Brazil:** Meat and Edible Offal of Poultry (Fresh, Chilled or Frozen), export unit value

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

Period	FAO indices				
	Total meat	Poultry meat	Pig meat	Bovine meat	Ovine meat
<b>Annual (Jan/Dec)</b>	..... (2014-2016=100) .....				
2009	81	90	97	62	84
2010	91	100	102	74	98
2011	105	117	112	88	135
2012	105	115	111	93	111
2013	106	118	113	93	101
2014	112	114	117	107	114
2015	97	96	92	102	94
2016	91	90	92	91	92
2017	98	98	98	96	112
2018	95	93	91	96	124
2019	100	96	98	101	124
<b>Monthly</b>					
2019 – October	102	94	101	104	127
2019 – November	107	93	105	114	129
2019 – December	107	95	107	112	131
2020 – January	104	97	103	107	121
2020 – February	101	95	103	100	118
2020 – March	99	93	103	99	112
2020 – April	97	90	99	98	109
2020 – May	95	84	94	102	110
2020 – June	95	80	93	103	120
2020 – July	92	83	89	98	121
2020 – August	92	83	90	97	119
2020 – September	91	83	86	98	115
2020 – October	91	83	85	97	118

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), 2 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 2014/2016.

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