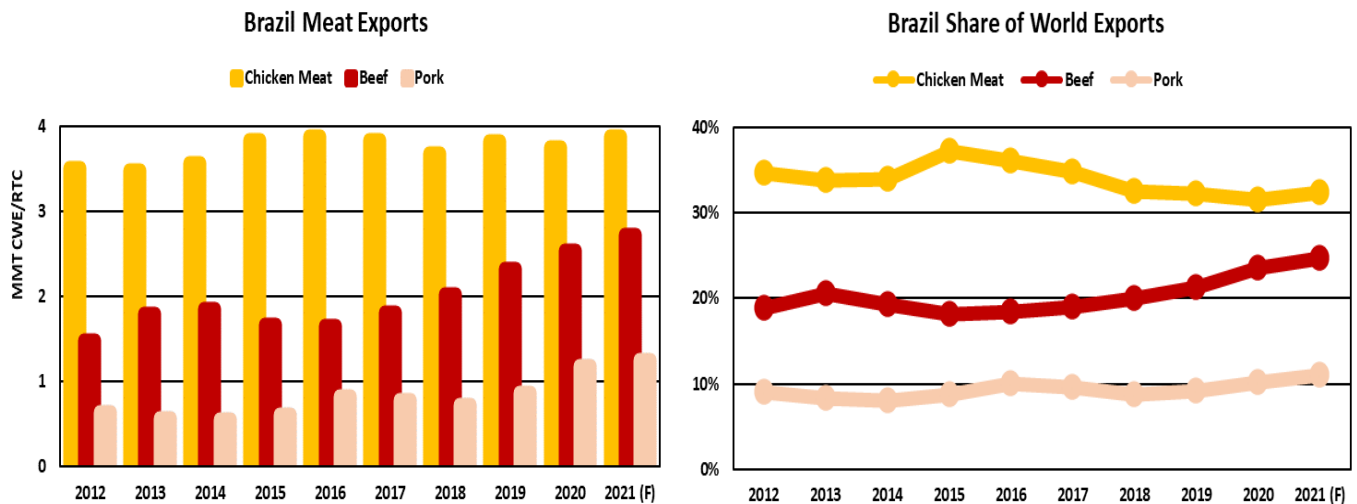




# Livestock and Poultry: World Markets and Trade

## Brazil Meat Exports Continue to Grow



In 2021, total Brazil meat exports are forecast up 5 percent from 2020, marking the tenth consecutive year of growth. A persistent pork supply deficit in China, a competitive real, and a recovery in the global economy are expected to fuel continued export growth. This year, Brazil is expected to capture 23 percent of global meat exports. However, despite recent robust growth, Brazil's market share is only 1 percentage point higher than 2018.

Brazil's share of global beef exports has increased the most in recent years, rising to an estimated 25 percent in 2021. Brazil beef exports have surged following the emergence of African swine fever (ASF) in China during 2018 and continued to grow last year despite a global recession and depressed foodservice business. Recovering demand in the European Union and the Middle East as well as continued strength in China position Brazil for further export growth this year.

Meanwhile, Brazil's share of global pork exports has increased steadily in recent years and is forecast at 11 percent in 2021. Compared to exports of other major meats, pork exports are relatively small, but production has been rising with additional output allocated to export channels. Pork exports in 2021 are estimated 73 percent higher than before China began struggling with ASF in 2018.

On the other hand, the Brazil share of global chicken meat exports has remained relatively constant and is estimated at 32 percent this year. While Brazil chicken meat exports have strengthened since 2018, exports from other smaller suppliers, such as Thailand and Russia, have grown at a greater rate.

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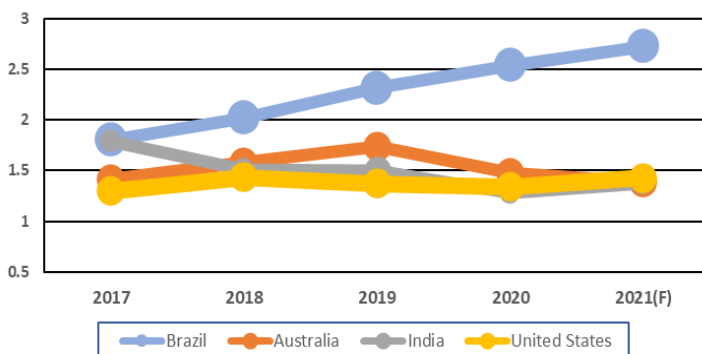
## Beef and Veal

**Global production** is forecast nearly 2 percent higher year-over-year to 61.5 million tons in 2021 as output in Canada, India, and the United States rebounds after COVID-19-related processing disruptions impacted slaughter in 2020. Brazil production is expected higher, strengthened by domestic and export demand – particularly from China as it continues to face a pork deficit. In contrast, Australia production is forecast lower for the second consecutive year as producers rebuild cattle herds following a multi-year drought. Production in the European Union is also expected to fall for a third successive year as the beef cattle herd contracts due to lower year-over-year margins.

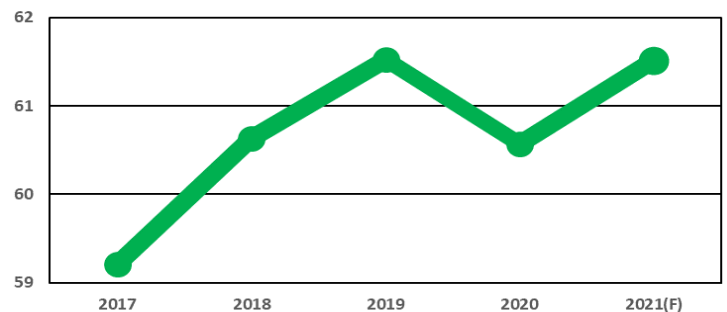
**Global exports** in 2021 are forecast up just over 2 percent to 11.1 million tons as Brazil, India, and U.S. exports will more than offset the declines from Argentina, Australia, and New Zealand. Demand recovery in price-sensitive markets and more typical patterns of slaughter post COVID-19 will buoy India exports. Meanwhile, an improving global economic environment and a weak real are expected to push Brazil exports to record levels. While most major exporters are forecast to have higher shipments this year, Argentina, Australia, and New Zealand are exceptions as lower supplies of slaughter-ready cattle tighten exportable supplies.

**U.S. production and exports:** Production for 2021 is forecast to reach 12.6 million tons, roughly 2 percent higher on elevated weights and higher slaughter. Exports are expected to climb 6 percent to 1.4 million tons, supported by increased shipments to East Asia. Lower exports from Australia are expected to reduce competition. In 2021, the United States is expected to remain the largest beef producer globally and the second largest exporter, fractionally ahead of Australia and India but trailing Brazil.

Top Exporters  
MMT CWE



Global Production  
MMT CWE



Source: USDA-FAS-PSD

**Beef and Veal Production - Top Countries Summary**  
**1,000 Metric Tons (Carcass Weight Equivalent)**

	2017	2018	2019	2020	2021 Jan	2021 Apr
<b>Production</b>						
Brazil	9,550	9,900	10,200	10,100	10,470	10,400
European Union	7,869	8,003	7,878	7,810	7,730	7,730
China	6,346	6,440	6,670	6,720	6,685	7,000
India	4,230	4,240	4,270	3,760	3,950	4,000
Argentina	2,840	3,050	3,125	3,230	3,135	3,100
Mexico	1,925	1,980	2,027	2,079	2,130	2,110
Australia	2,149	2,306	2,432	2,123	2,050	2,060
Pakistan	1,780	1,800	1,820	1,820	1,840	1,840
Russia	1,325	1,357	1,374	1,378	1,385	1,378
Canada	1,201	1,265	1,342	1,310	1,315	1,345
Others	8,048	8,031	8,000	7,863	8,075	7,979
<b>Total Foreign</b>	47,263	48,372	49,138	48,193	48,765	48,942
<b>United States</b>	11,943	12,256	12,384	12,379	12,397	12,601
<b>Total</b>	59,206	60,628	61,522	60,572	61,162	61,543
<b>Total Dom. Consumption</b>						
China	7,236	7,808	8,826	9,486	9,465	10,080
Brazil	7,801	7,925	7,929	7,609	7,845	7,735
European Union	7,884	8,071	7,889	7,745	7,695	7,695
India	2,444	2,729	2,776	2,476	2,750	2,625
Argentina	2,557	2,568	2,379	2,425	2,379	2,344
Mexico	1,868	1,902	1,901	1,898	1,895	1,915
Pakistan	1,736	1,753	1,756	1,750	1,781	1,766
Russia	1,780	1,790	1,758	1,708	1,703	1,683
Japan	1,254	1,298	1,319	1,297	1,314	1,305
Canada	988	1,014	1,030	1,041	1,035	1,053
Others	9,553	9,576	9,495	9,114	9,431	9,319
<b>Total Foreign</b>	45,101	46,434	47,058	46,549	47,293	47,520
<b>United States</b>	12,052	12,181	12,408	12,519	12,427	12,520
<b>Total</b>	57,153	58,615	59,466	59,068	59,720	60,040

Notes: Includes meat of other bovines for certain countries. India includes carabeef (water buffalo). The notation of a month beneath a year conveys the month in which the forecast for that year was released.

**Beef and Veal Trade - Top Countries Summary**  
**1,000 Metric Tons (Carcass Weight Equivalent)**

	2017	2018	2019	2020	2021 Jan	2021 Apr
<b>Total Imports</b>						
China	902	1,369	2,177	2,782	2,800	3,100
Japan	793	840	853	832	845	835
Korea, South	468	515	550	549	540	560
Hong Kong	524	521	356	513	525	515
Russia	469	449	401	363	340	340
European Union	329	363	341	285	325	325
Chile	273	308	315	313	320	315
Egypt	250	300	340	230	300	250
Canada	229	236	204	249	230	225
Malaysia	199	204	197	206	180	210
Others	1,614	1,634	1,707	1,515	1,484	1,529
<b>Total Foreign</b>	6,050	6,739	7,441	7,837	7,889	8,204
<b>United States</b>	1,358	1,360	1,387	1,516	1,413	1,315
<b>Total</b>	7,408	8,099	8,828	9,353	9,302	9,519
<b>Total Exports</b>						
Brazil	1,803	2,021	2,314	2,539	2,670	2,725
Australia	1,416	1,582	1,739	1,476	1,360	1,390
India	1,786	1,511	1,494	1,284	1,200	1,375
Argentina	283	501	763	819	770	770
New Zealand	564	602	623	638	615	600
Canada	444	478	525	513	515	520
Uruguay	409	436	436	412	430	435
European Union	314	295	330	350	360	360
Paraguay	366	358	339	371	360	360
Mexico	245	272	315	343	365	350
Others	596	616	649	719	717	745
<b>Total Foreign</b>	8,226	8,672	9,527	9,464	9,362	9,630
<b>United States</b>	1,297	1,433	1,373	1,341	1,402	1,427
<b>Total</b>	9,523	10,105	10,900	10,805	10,764	11,057

Notes: Includes meat of other bovines for certain countries. Indian exports are carabeef (water buffalo). The notation of a month beneath a year conveys the month in which the forecast for that year was released.

### Cattle Stocks - Top Countries Summary

(in 1,000 head)

	2017	2018	2019	2020	2021 Jan	2021 Apr
<b>Total Cattle Beg. Stks</b>						
India	301,400	301,900	302,700	303,200	305,400	305,500
Brazil	226,045	232,350	238,158	244,144	252,250	252,700
China	88,345	90,387	89,153	91,380	95,700	95,620
European Union	89,152	88,819	87,450	86,620	85,720	85,545
Argentina	54,163	54,793	55,008	54,461	54,000	53,831
Australia	24,971	26,176	25,734	23,690	23,165	23,217
Russia	18,248	18,195	18,050	18,022	18,000	17,953
Mexico	16,490	16,584	16,699	16,900	17,000	17,000
Uruguay	11,864	11,744	11,396	11,436	12,157	11,946
Canada	11,535	11,565	11,500	11,265	11,165	11,150
Others	32,446	32,629	32,761	32,840	32,739	32,910
<b>Total Foreign</b>	874,659	885,142	888,609	893,958	907,296	907,372
<b>United States</b>	93,625	94,298	94,805	93,793	94,800	93,595
<b>Total</b>	968,284	979,440	983,414	987,751	1,002,096	1,000,967
<b>Production (Calf Crop)</b>						
India	68,200	68,600	69,000	69,400	69,800	69,800
Brazil	48,735	49,500	50,490	51,500	52,750	52,650
China	48,800	46,400	50,750	51,900	52,000	52,200
European Union	29,550	28,850	28,580	28,000	28,120	28,000
Argentina	14,734	14,851	14,965	14,800	14,550	14,550
Australia	9,700	9,100	8,700	8,300	8,200	8,350
Mexico	7,485	7,700	7,900	8,000	8,200	8,150
Russia	6,573	6,566	6,680	6,660	6,710	6,640
New Zealand	4,728	4,895	5,127	5,135	4,913	4,900
Canada	4,348	4,347	4,336	4,299	4,300	4,310
Others	10,492	10,376	10,397	10,541	10,145	10,294
<b>Total Foreign</b>	253,345	251,185	256,925	258,535	259,688	259,844
<b>United States</b>	35,758	36,313	35,592	35,136	35,700	35,800
<b>Total</b>	289,103	287,498	292,517	293,671	295,388	295,644

Notes: May contain other bovines. The notation of a month beneath a year conveys the month in which the forecast for that year was released.

### Cattle Trade - Top Countries Summary

(in 1,000 head)

	2017	2018	2019	2020	2021 Jan	2021 Apr
<b>Total Imports</b>						
Canada	141	202	275	277	275	280
Egypt	250	250	340	280	200	200
China	121	465	210	365	250	175
Russia	65	115	112	70	70	70
Mexico	32	24	29	37	19	30
Others	17	17	21	19	17	18
<b>Total Foreign</b>	626	1,073	987	1,048	831	773
<b>United States</b>	1,807	1,899	2,043	2,114	2,100	1,975
<b>Total</b>	2,433	2,972	3,030	3,162	2,931	2,748
<b>Total Exports</b>						
Mexico	1,203	1,278	1,381	1,485	1,450	1,410
European Union	1,028	1,007	1,019	969	1,000	980
Australia	885	1,151	1,344	1,109	900	900
Canada	642	631	725	675	690	620
Brazil	407	785	535	329	370	275
Others	482	536	344	369	385	399
<b>Total Foreign</b>	4,647	5,388	5,348	4,936	4,795	4,584
<b>United States</b>	193	244	307	320	325	360
<b>Total</b>	4,840	5,632	5,655	5,256	5,120	4,944

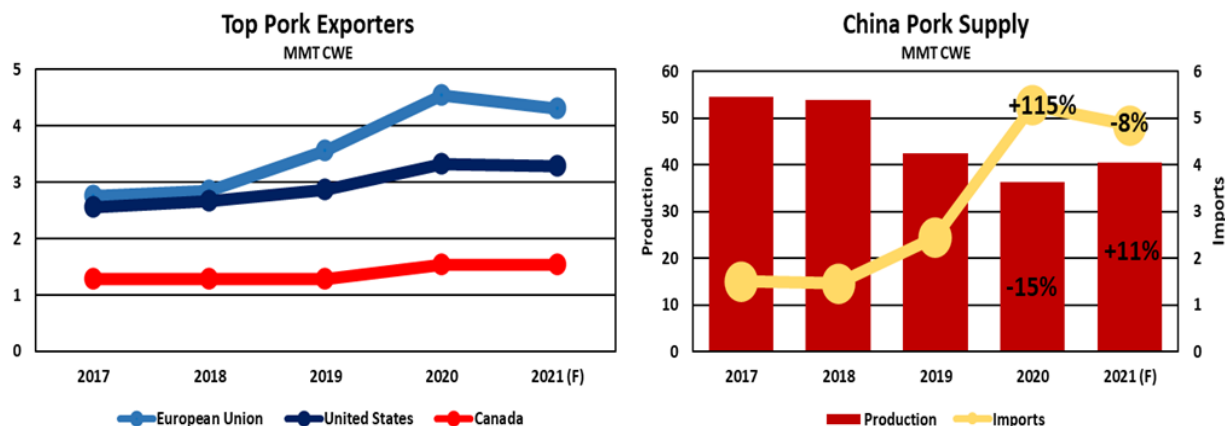
Notes: May contain other bovines. The notation of a month beneath a year conveys the month in which the forecast for that year was released.

# Pork

**Global production** is forecast 5 percent higher in 2021 to 101.5 million tons as China and Vietnam recover from the impacts of African swine fever (ASF). Additionally, improving economic conditions and continued export opportunities will support output growth among most major producers. While China production is expected to still be 25 percent below pre-ASF levels, it is nevertheless forecast up 11 percent year-over-year. According to official government statistics, hog inventories grew rapidly in 2020; however, low productivity and continued disease challenges are expected to constrain production this year. High feed prices are also likely to put pressure on China carcass weights and limit output growth. Vietnam production is forecast up 5 percent year-over-year. With ASF mostly under control, high prices have incentivized investment and led to recovery in the breeding herd. Meanwhile, Philippines production is expected to decline 10 percent as ASF continues to constrain output.

**Global exports** are forecast to decline 1 percent to 11.5 million tons from the 2020 record as import demand from China slows and more than offsets growth from the rest of the world. China imports are forecast 8 percent lower year-over-year due to recovering production but are still expected to be elevated by historical standards. On the other hand, the Philippines is expected to see imports more than double amid a domestic pork supply shortfall and changes to its tariff rate quota system. Additionally, a rebound in foodservice business, which is a major user of imported product, will drive South Korea imports 16 percent higher year-over-year.

**U.S. Production and Exports:** U.S. production is forecast virtually unchanged in 2021 at 12.8 million tons as lower carcass weights offset slightly higher slaughter. Going forward, production will be constrained by a lower first-quarter pig crop and producer intentions to farrow fewer sows mid-year. U.S. exports are forecast at 3.3 million tons in 2021, marginally lower year-over-year. China demand is expected to moderate from the record levels of last year and will offset higher expected exports to Mexico, Japan, South Korea, and the Philippines.



Source: USDA-FAS-PSD



**Pork Production - Top Countries Summary**  
**1,000 Metric Tons (Carcass Weight Equivalent)**

	2017	2018	2019	2020	2021 Jan	2021 Apr
<b>Production</b>						
China	54,518	54,040	42,550	36,340	43,500	40,500
European Union	23,660	24,082	23,956	24,150	24,040	24,500
Brazil	3,725	3,763	3,975	4,125	4,250	4,250
Russia	2,959	3,155	3,324	3,611	3,600	3,700
Vietnam	2,741	2,811	2,430	2,467	2,350	2,590
Canada	1,958	1,955	2,000	2,130	2,090	2,130
Mexico	1,267	1,321	1,408	1,451	1,495	1,495
Korea, South	1,280	1,329	1,364	1,403	1,340	1,354
Japan	1,272	1,284	1,279	1,298	1,300	1,300
Philippines	1,563	1,601	1,585	1,115	1,075	1,000
Others	5,505	5,655	5,611	5,765	5,752	5,830
<b>Total Foreign</b>	100,448	100,996	89,482	83,855	90,792	88,649
<b>United States</b>	11,611	11,943	12,543	12,843	12,963	12,832
<b>Total</b>	112,059	112,939	102,025	96,698	103,755	101,481
<b>Total Dom. Consumption</b>						
China	55,812	55,295	44,866	41,521	47,995	45,235
European Union	20,909	21,258	20,425	19,621	19,960	20,120
Russia	3,296	3,202	3,363	3,468	3,480	3,540
Brazil	2,951	3,043	3,116	2,949	3,025	3,002
Vietnam	2,743	2,869	2,493	2,687	2,490	2,784
Japan	2,729	2,774	2,714	2,724	2,715	2,730
Mexico	1,983	2,116	2,159	2,052	2,065	2,095
Korea, South	1,926	2,001	2,011	1,980	1,980	1,999
Philippines	1,801	1,883	1,806	1,281	1,274	1,349
Taiwan	919	936	928	914	913	922
Others	6,846	7,105	7,045	6,941	6,985	7,086
<b>Total Foreign</b>	101,915	102,482	90,926	86,138	92,882	90,862
<b>United States</b>	9,541	9,747	10,066	10,031	10,106	9,991
<b>Total</b>	111,456	112,229	100,992	96,169	102,988	100,853

Note: The notation of a month beneath a year conveys the month in which the forecast for that year was released.

**Pork Trade - Top Countries Summary**  
**1,000 Metric Tons (Carcass Weight Equivalent)**

	2017	2018	2019	2020	2021 Jan	2021 Apr
<b>Total Imports</b>						
China	1,501	1,457	2,451	5,281	4,620	4,850
Japan	1,473	1,480	1,493	1,412	1,420	1,425
Mexico	885	972	985	945	930	960
Korea, South	645	753	694	554	635	645
Hong Kong	447	411	331	378	360	360
Philippines	239	283	222	167	200	350
Canada	218	228	242	273	270	270
Australia	215	216	269	201	230	210
Vietnam	33	78	73	225	150	200
Chile	93	96	134	135	130	135
Others	1,281	1,151	1,128	956	995	1,038
<b>Total Foreign</b>	7,030	7,125	8,022	10,527	9,940	10,443
<b>United States</b>	506	473	429	410	429	438
<b>Total</b>	7,536	7,598	8,451	10,937	10,369	10,881
<b>Total Exports</b>						
European Union	2,764	2,838	3,548	4,546	4,100	4,400
Canada	1,290	1,277	1,284	1,543	1,470	1,530
Brazil	776	722	861	1,178	1,230	1,250
Mexico	169	177	234	344	360	360
Chile	162	190	223	295	280	280
Russia	30	37	68	156	130	170
China	207	202	135	100	125	115
Argentina	3	8	9	28	48	42
Australia	38	41	33	34	35	35
South Africa	16	17	17	17	20	17
Others	87	71	55	59	52	56
<b>Total Foreign</b>	5,542	5,580	6,467	8,300	7,850	8,255
<b>United States</b>	2,555	2,666	2,867	3,303	3,255	3,289
<b>Total</b>	8,097	8,246	9,334	11,603	11,105	11,544

Note: The notation of a month beneath a year conveys the month in which the forecast for that year was released.

# Swine Stocks - Top Countries Summary

(in 1,000 head)

	2017	2018	2019	2020	2021 Jan	2021 Apr
<b>Total Beginning Stocks</b>						
China	442,092	441,589	428,070	310,410	340,000	406,500
European Union	147,188	150,257	148,167	147,887	147,500	151,110
Brazil	39,215	38,829	38,427	37,850	37,350	37,350
Russia	21,782	22,945	23,600	25,048	25,710	25,744
Canada	13,935	14,170	13,975	13,970	13,715	14,025
Mexico	10,229	10,410	10,700	11,050	11,500	11,500
Korea, South	11,487	11,273	11,333	11,280	11,360	11,078
Japan	9,346	9,280	9,156	9,090	9,088	9,100
Ukraine	6,816	6,236	6,150	5,842	5,650	5,951
Belarus	3,145	3,156	2,841	2,882	2,925	2,872
<b>Total Foreign</b>	705,235	708,145	692,419	575,309	604,798	675,230
<b>United States</b>	71,345	73,145	75,070	78,228	77,502	77,312
<b>Total</b>	776,580	781,290	767,489	653,537	682,300	752,542
<b>Production (Pig Crop)</b>						
China	705,000	687,500	440,000	565,000	600,000	545,000
European Union	267,250	267,000	264,500	267,500	263,500	268,000
Russia	45,700	49,500	52,910	55,880	55,000	56,800
Brazil	40,230	40,954	42,250	43,525	44,515	44,515
Canada	29,026	28,017	28,351	29,546	29,000	29,750
Mexico	18,100	18,650	19,650	20,291	20,800	20,810
Korea, South	18,191	19,118	19,889	19,733	19,077	19,500
Japan	16,785	16,690	16,770	16,945	17,000	17,050
Ukraine	8,767	8,813	8,565	9,200	8,200	8,850
Belarus	5,325	5,050	5,125	5,125	5,225	5,100
<b>Total Foreign</b>	1,154,374	1,141,292	898,010	1,032,745	1,062,317	1,015,375
<b>United States</b>	129,429	132,568	139,448	139,409	142,725	138,745
<b>Total</b>	1,283,803	1,273,860	1,037,458	1,172,154	1,205,042	1,154,120

Notes: The notation of a month beneath a year conveys the month in which the forecast for that year was released.

### Swine Trade - Top Countries Summary

(in 1,000 head)

	2017	2018	2019	2020	2021 Jan	2021 Apr
<b>Total Imports</b>						
China	13	10	4	21	30	30
Mexico	42	33	38	25	40	30
Russia	6	8	14	21	20	26
Ukraine	8	30	22	11	15	15
Canada	3	3	6	6	3	4
European Union	6	3	3	3	4	3
Belarus	6	3	2	2	0	2
Japan	1	1	0	3	2	2
Brazil	1	1	1	2	1	1
Korea, South	5	2	1	1	1	1
<b>Total Foreign</b>	91	94	91	95	116	114
<b>United States</b>	5,597	5,250	5,096	5,296	5,300	5,845
<b>Total</b>	5,688	5,344	5,187	5,391	5,416	5,959
<b>Total Exports</b>						
Canada	5,614	5,263	5,113	5,311	5,300	5,800
China	1,566	1,567	956	643	875	875
European Union	339	509	369	361	320	350
Russia	6	7	7	55	25	55
Brazil	5	8	9	3	5	5
Ukraine	33	9	10	4	5	5
Belarus	2	0	0	0	0	0
Japan	0	0	0	0	0	0
Korea, South	0	0	0	0	0	0
Mexico	7	0	0	0	0	0
<b>Total Foreign</b>	7,572	7,363	6,464	6,377	6,530	7,090
<b>United States</b>	59	64	60	55	50	50
<b>Total</b>	7,631	7,427	6,524	6,432	6,580	7,140

Notes: The notation of a month beneath a year conveys the month in which the forecast for that year was released.

## Chicken Meat

**Global production** is forecast 1 percent higher year-over-year in 2021 to a record 102.1 million tons. Forecast economic recovery will buoy modest demand growth, outweighing rising feed prices. Of the major producers, China production will increase most rapidly, although at a slower rate than prior years as rebounding pork production dampens demand. Global and domestic demand will bolster Brazil production while domestic consumption will support gains in EU and India production. However, U.S. production will remain close to last year's levels.

**Global exports** are forecast 1 percent higher in 2021 to a record 12.0 million tons. Among the major exporters, gains by Brazil and Thailand will offset declines in the United States, Ukraine, and EU. Brazil's ability to supply diverse products to an array of markets will underpin global growth despite a decline in China imports. Although China will remain significant, softer demand will steer its imports lower. As a result, major suppliers will have to find alternative markets.

**U.S. production and exports:** U.S. production is forecast virtually unchanged this year at 20.3 million tons as relatively high feed grain prices are expected to pressure producer returns. Exports are forecast 1 percent lower to 3.3 million tons on soft demand in many major U.S. markets.



Source: USDA-FAS-PSD

**Chicken Meat Production - Top Countries Summary**  
**1,000 Metric Tons (Ready to Cook Equivalent)**

	2017	2018	2019	2020	2021 Jan	2021 Apr
<b>Production</b>						
China	11,600	11,700	13,800	14,600	14,900	15,000
Brazil	13,612	13,355	13,690	13,880	14,120	14,150
European Union	11,912	12,260	12,560	12,375	12,100	12,550
Russia	4,680	4,684	4,668	4,680	4,725	4,700
India	3,762	4,062	4,350	4,000	4,200	4,200
Mexico	3,400	3,485	3,600	3,725	3,780	3,780
Thailand	2,990	3,170	3,300	3,250	3,325	3,325
Argentina	2,150	2,068	2,171	2,190	2,220	2,195
Turkey	2,137	2,157	2,138	2,136	2,250	2,160
Japan	1,661	1,685	1,723	1,765	1,765	1,765
Others	16,172	16,835	17,599	17,731	18,046	17,897
<b>Total Foreign</b>	74,076	75,461	79,599	80,332	81,431	81,722
<b>United States</b>	18,938	19,361	19,941	20,255	20,380	20,338
<b>Total</b>	93,014	94,822	99,540	100,587	101,811	102,060
<b>Total Dom. Consumption</b>						
China	11,475	11,595	13,952	15,211	15,405	15,440
European Union	11,285	11,543	11,743	11,517	11,350	11,750
Brazil	9,780	9,683	9,884	10,144	10,205	10,280
Russia	4,785	4,785	4,712	4,688	4,715	4,690
Mexico	4,198	4,301	4,469	4,560	4,634	4,633
India	3,760	4,059	4,347	3,997	4,199	4,197
Japan	2,688	2,761	2,789	2,773	2,815	2,775
Thailand	2,226	2,354	2,469	2,367	2,435	2,416
Argentina	1,978	1,955	2,021	2,030	2,059	2,039
South Africa	1,778	1,877	1,829	1,891	1,895	1,895
Others	21,404	21,686	22,516	22,505	22,914	22,811
<b>Total Foreign</b>	75,357	76,599	80,731	81,683	82,626	82,926
<b>United States</b>	15,826	16,185	16,702	16,992	17,035	17,076
<b>Total</b>	91,183	92,784	97,433	98,675	99,661	100,002

Notes: Chicken paws are excluded. The notation of a month beneath a year conveys the month in which the forecast for that year was released.

**Chicken Meat Trade - Top Countries Summary**  
**1,000 Metric Tons (Ready to Cook Equivalent)**

	2017	2018	2019	2020	2021 Jan	2021 Apr
<b>Total Imports</b>						
Japan	1,056	1,074	1,076	1,005	1,060	1,010
Mexico	804	820	875	842	860	860
China	311	342	580	999	925	840
European Union	692	704	724	609	675	650
Saudi Arabia	711	629	600	618	625	650
United Arab Emirates	439	421	482	420	400	445
South Africa	508	521	485	434	375	375
Iraq	577	529	494	448	500	350
Philippines	266	321	366	335	400	350
Ghana	211	222	259	295	255	315
Others	3,608	3,586	3,739	3,832	3,859	3,967
<b>Total Foreign</b>	9,183	9,169	9,680	9,837	9,934	9,812
<b>United States</b>	59	64	61	66	65	59
<b>Total</b>	9,242	9,233	9,741	9,903	9,999	9,871
<b>Total Exports</b>						
Brazil	3,835	3,675	3,811	3,741	3,920	3,875
European Union	1,319	1,421	1,541	1,467	1,425	1,450
Thailand	757	826	881	874	890	910
Turkey	351	413	402	440	470	445
China	436	447	428	388	420	400
Ukraine	263	317	406	428	430	400
Russia	125	131	173	216	220	220
Belarus	150	168	174	190	205	185
Argentina	178	124	155	165	165	160
Chile	88	109	131	136	150	140
Others	382	416	470	429	436	425
<b>Total Foreign</b>	7,884	8,047	8,572	8,474	8,731	8,610
<b>United States</b>	3,137	3,244	3,259	3,378	3,387	3,343
<b>Total</b>	11,021	11,291	11,831	11,852	12,118	11,953

Notes: Chicken paws are excluded. From 2019, Yemen is excluded. The notation of a month beneath a year conveys the month in which the forecast for that year was released.

## Notes to Readers

The *Livestock and Poultry: World Markets and Trade* circular is designed to give a snapshot of the current situation among the major players in world beef, pork, and chicken meat trade.

### Data Revisions in PSDs for Years Prior to 2019:

Revisions are made based on new and/or additional information.

Commodity/Attribute	Years	Countries
<b>Cattle</b>		
<i>Production</i>	2018	Canada and China
<b>Beef</b>		
<i>Production</i>	2014-2018	Angola, Colombia, Congo (Brazzaville), Costa Rica, Iran, and United Arab Emirates
<i>Trade</i>	2017-2018	China, Nicaragua, and Uruguay
<b>Pork</b>		
<i>Production</i>	2016-2018	Bosnia and Herzegovina, Congo (Kinshasa), Cote d'Ivoire, Macau, Montenegro, and Singapore
<b>Chicken Meat</b>		
<i>Production</i>	2015-2018	Egypt, Ghana, Jordan, Kuwait, Malaysia, and Oman
<i>Trade</i>	2015-2018	Iraq

### Assumptions

**Diseases:** Forecast reflects animal disease policies/restrictions in place as of April 9, 2021 and assumes their continuation.

**Trade Actions:** This report only considers those trade actions which are in place or have had formal announcement of effective dates as of the time of publication. Further, unless a formal end date is specified, this report also assumes such actions are in place throughout the time period covered by these forecasts.

### Technical Notes

**CWE/PWE:** All quantities (beef and pork) noted are in Carcass Weight Equivalent (CWE) unless otherwise noted as Product Weight Equivalent (PWE). CWE is the weight of an animal after slaughter and removal of most internal organs, head, and skin. PWE is the actual weight of the meat product exported.

**RTC (Ready-to-Cook):** RTC means any slaughtered poultry free from protruding pinfeathers and vestigial feathers (hair or down), from which the head, feet, crop, oil gland, trachea, esophagus, entrails, and lungs have been removed, and from which the mature reproductive organs and kidneys may have been removed, and with or without the giblets, and which is suitable for cooking without need of further processing. Ready-to-cook poultry also means any cut-up or disjointed portion of poultry or other parts of poultry, such as reproductive organs, head, or feet that are suitable for cooking without need of further processing.



## Conversion Rates and HS Codes

<b><u>BEEF AND VEAL</u></b>		
<b>HS Code</b>	<b>Description</b>	<b>Conversion Rate</b>
020110	Bovine carcasses and half carcasses, fresh or chilled	1.00
020120	Bovine cuts bone in, fresh or chilled	1.00
020130	Bovine cuts boneless, fresh or chilled	1.36
020210	Bovine carcasses and half carcasses, frozen	1.00
020220	Bovine cuts bone in, frozen	1.00
020230	Bovine cuts boneless, frozen	1.36
021020	Bovine meat salted, dried or smoked	1.74
160250	Bovine meat, offal nes, not livers, prepared/preserve	1.79
<i>Notes: Beef and veal estimates include meat of other bovines for certain countries. In particular, India estimates include carabeef (water buffalo). Exports of HS 160250 are partially excluded from Argentina export estimates.</i>		
<b><u>PORK</u></b>		
<b>HS Code</b>	<b>Description</b>	<b>Conversion Rate</b>
020311	Carcasses/half-carcasses, fr/ch	1.00
020312	Bone-In hams, shoulders and cuts thereof, fr/ch	1.11
020319	Other pork cuts, fr/ch	1.30
020321	Carcasses/half-carcasses, frozen	1.00
020322	Bone-In hams, shoulders and cuts thereof, frozen	1.11
020329	Other pork cuts, frozen	1.30
021011	Bone-In hams, shoulders and cuts thereof, processed	1.30
021012	Bellies (streaky) and cuts thereof, processed	1.16
021019	Other meat of swine, processed	1.16
160241	Hams and cuts thereof, prep/pres	1.30
160242	Shoulders and cuts thereof, prep/pres	1.30
160249	Other meat of swine including mixtures, prep/pres	1.30

## PSD Online

The entire USDA PSD database is available online at: <http://www.fas.usda.gov/psdonline>.

## Additional Resources

- Situation and outlook information on U.S. livestock and poultry can be obtained from the USDA-Economic Research Service at: <https://www.ers.usda.gov/topics/animal-products/>.

## EU and UK Production, Supply and Distribution (PSD) Datasets and “Brexit”

Effective January 1, 2021, the separation of the United Kingdom (UK) from the European Union (EU) is complete, including trade between both entities.

USDA will continue using the term “European Union” to mean the countries involved in the previous customs union, i.e., EU27+UK, from January 2021 through October 2021 for livestock and poultry PSDs and through December 2021 for dairy PSDs. Starting in October 2021 with the release of the 2022 data, livestock and poultry PSDs will reflect EU27 and UK separately. Starting in December 2021 with the release of the 2022 data, dairy PSDs will reflect EU27 and UK separately.

### Future Releases and Contact Information

Please visit <http://www.fas.usda.gov/data/livestock-and-poultry-world-markets-and-trade> to view archived and future releases. Starting with this circular, Livestock and Poultry estimates will be published four times per year (January, April, July, October) for selected countries. However, all countries will be updated in April and October. The next release of this circular is July 12, 2021.

Country/Commodities for January and July Releases			
Countries	Beef	Pork	Chicken Meat
Angola			x
Argentina	x		
Australia	x		
Brazil	x	x	x
Canada	x	x	x
China	x	x	x
Cuba			x
EU	x	x	x
Hong Kong	x	x	
Iraq			x
Japan	x	x	x
Mexico	x	x	x
New Zealand	x		
Philippines		x	x
Saudi Arabia			x
South Africa			x
South Korea	x	x	x
Thailand			x
United States	x	x	x

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Cattle and Beef  
Swine and Pork  
Chicken Meat