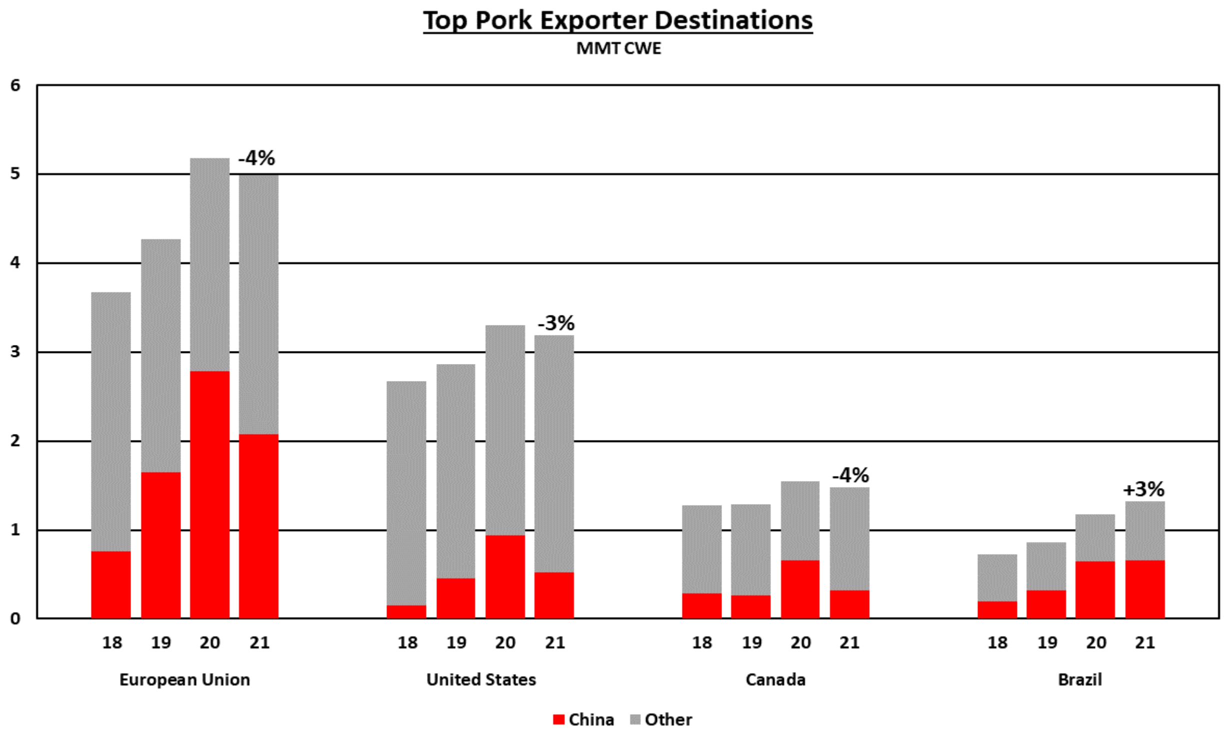
United States Department of Agriculture
Foreign Agricultural Service
April 8, 2022

Livestock and Poultry: World Markets and Trade

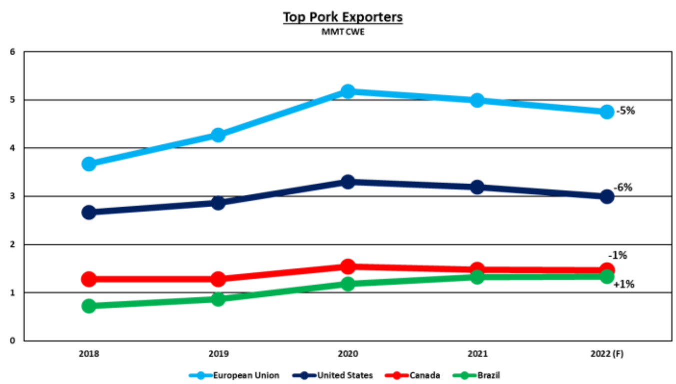
Major Pork Exporters Look to Markets Outside China



China import demand for pork surged in the wake of supply deficits caused by African swine fever. As pork production declined by nearly a third in 2020, imports nearly quadrupled and China accounted for more than 40 percent of global trade to satiate the world's largest consumer of pork. Hog sectors around the world – spurred on by sky-high prices in China – expanded production, shifted product out of their domestic markets, and redirected pork from other destinations. Among the four largest exporters in 2020, the share of exports destined for China ranged between 29 and 55 percent on a volume basis.

Pork trade with China remained firm in early 2021 and grew 20 percent year-over-year in the first quarter. However, by May, imports slipped below year-earlier levels and by December, imports were more than 60 percent or 300,000 tons lower than the same month in 2020. Recovery in China domestic pork output as well as greater supplies of other meat weighed on pork prices and disincentivized trade, pushing 2021 imports nearly 20 percent or about 1 million tons lower than the record levels of the prior year. As China imports eased in 2021, major exporters sought alternative markets – though most, with the notable exception of Brazil, were unable to reallocate such large supplies and trade declined.

In 2022, China pork imports are forecast to decline nearly 20 percent and push global trade lower, more than offsetting a recovery in demand among other major importing countries as they recover from COVID-related disruptions. As growth in other markets will again not offset the decline in China, most major pork exporters will experience a second consecutive year of contracting shipments. The European Union (EU), the top pork supplier to China and the world's largest exporter, is forecast to see exports decline 5 percent to just under 4.8 million tons this year. Exporters in the EU are expected to find some relief from lower China demand in the form of stronger demand in the United Kingdom, where imports are projected 7 percent higher in 2022. The EU will also boost shipments to Japan, South Korea, and Australia, countries to which EU exports declined in recent years as sales shifted to China. Competitive EU carcass prices compared to U.S. and firm demand will propel higher shipments to these markets in 2022.



Meanwhile, U.S. pork exports are forecast 6 percent lower year-over-year. China demand for U.S. product was among the first to come under pressure, with U.S. shipments to this important market falling during every month of 2021 compared to the previous year due to high U.S. prices and retaliatory tariffs. These factors are expected to persist in 2022 causing further declines in U.S. market share. Partially offsetting losses in China, demand for U.S. pork is expected to grow in Mexico, the world's third largest pork importer, where U.S. market share has been consistently higher than 80 percent. Tight labor availability in the United States should continue to spur shipments of bone-in hams to Mexico, which grew 27 percent year-over-year in 2021 and have shown similar strength this year. Additionally, Mexico is well positioned to supply Japan with the labor-intensive cuts it demands, keeping exports as a share of production above 20 percent for the third consecutive year and creating an opportunity for U.S. product to augment domestic consumption. Plus, limitations on Mexico turkey meat imports due to Highly Pathogenic Avian Influenza discoveries in the United States may also support increased pork imports. The United States continues to maintain a position as the dominant supplier to a variety of markets in Latin America that experienced growth in import demand during 2021. Going forward, Colombia and the Dominican Republic are expected to grow further, although more slowly than last year as high U.S. prices create headwinds.

Canada exports are expected to decline modestly in 2022, sliding 1 percent year over year. Like the United States, Canada faces headwinds in China. Currently, the majority of Canada pork production remains suspended from China due to reported COVID cases at several plants; however, most cases occurred months ago and do not necessarily represent active outbreaks. Tight supplies in the United States – Canada's top export market– will help offset declines to China.

Of the four largest exporters, only Brazil saw overall shipments grow in 2021 on strong production gains, competitive prices, and a weak real. Even exports to China increased year over year as Brazil boosted its share in that market to 16 percent. In 2022, Brazil is expected to sustain aggregate exports, seeing modest growth of less than 1 percent. In China, Brazil will likely capture a larger portion of a shrinking pie due to more competitive pricing than other major exporters. Meanwhile, Brazil continues to perform well in Vietnam and the Philippines and demand is growing in neighboring Argentina and Uruguay.

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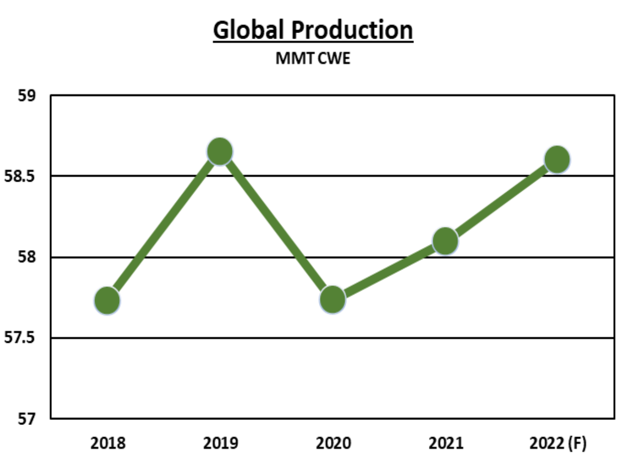
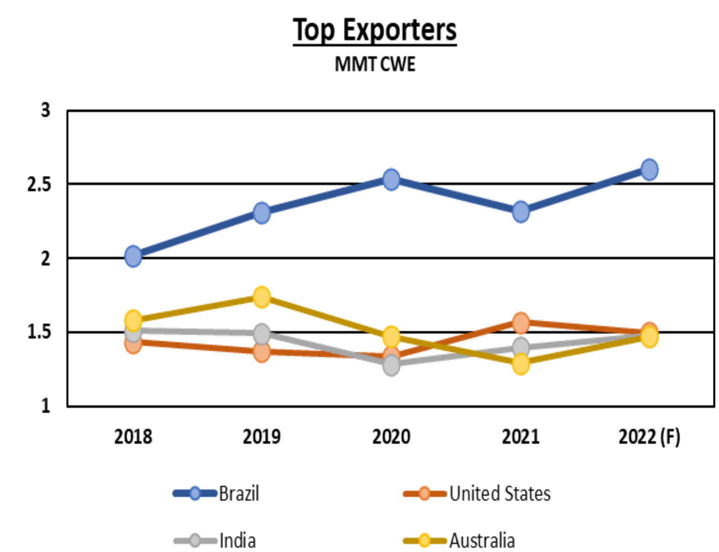
Beef and Veal

Global production is forecast nearly 1 percent higher in 2022 based on growth in Australia, Brazil, India, and Mexico. High global beef prices will induce more slaughter while greater supplies of cattle and stable carcass weights support the increase in beef production. Australia production is expected to expand by 12 percent as improved pasture conditions have expedited herd rebuilding over the past year. Meanwhile, greater cattle availability and improved slaughterhouse profitability will drive a 4 percent increase in Brazil beef production. India carabeef production is forecast up 4 percent, thus continuing its recovery and exceeding pre-pandemic levels. Lastly, Mexico is projected to reach record levels of production thanks to the cattle sector's profitability and rebounding hotel, restaurant, and institutional demand. Meanwhile, production in Canada, the United States, and European Union are forecast down 3 percent, 1 percent, and 1 percent, respectively. Drought conditions and tight feed availability in Western Canada will accelerate Canada's herd contraction. U.S. production is anticipated to decrease because of a contracting cattle herd as well. Lastly, unprofitability in the EU cattle sector will lead to lower beef production in 2022.

Global exports in 2022 are forecast to increase by 3 percent on firm demand, particularly in East Asia markets. Ample supplies of slaughter-ready cattle and regaining China market access will drive Brazil exports and offset expected declines to Mercosur neighbors. Improved demand from price-sensitive markets will also boost India exports of carabeef to the Middle East and Southeast Asia. Rebounding Australia supplies and firm demand will spur shipments to East Asia and the United States. However, tight cattle supplies in both New Zealand and some Mercosur members (Paraguay, Uruguay, and Argentina) will limit these countries' exports for 2022.

U.S. production and exports: Production is forecast down by about 1 percent as the U.S. herd continues to contract leaving a smaller supply of slaughter-ready cattle. Exports are also expected to contract by 4 percent because of lower production, strong domestic demand, and increased competition in East Asia. Nevertheless, U.S. exports remain well above historical levels. In 2022, the United States is projected to remain the world's largest beef producer and second largest exporter behind Brazil and ahead of India and Australia.





Source: USDA-FAS-PSD

Beef and Veal Production - Top Countries Summary

1,000 Metric Tons (Carcass Weight Equivalent)

	2018	2019	2020	2021	2022 Jan	2022 Apr
Production						
Brazil	9,900	10,200	10,100	9,500	9,750	9,850
China	6,440	6,670	6,720	6,980	6,920	7,100
European Union	7,067	6,964	6,882	6,855	6,800	6,800
India	4,240	4,270	3,760	4,195	4,250	4,350
Argentina	3,050	3,125	3,170	3,000	3,020	2,960
Mexico	1,980	2,027	2,079	2,150	2,190	2,190
Australia	2,309	2,432	2,125	1,888	2,115	2,115
Canada	1,265	1,342	1,314	1,420	1,430	1,375
Russia	1,357	1,374	1,378	1,380	1,370	1,360
South Africa	1,027	1,019	1,008	996	990	997
Others	6,840	6,845	6,810	7,040	6,966	6,969
Total Foreign	45,475	46,268	45,346	45,404	45,801	46,066
United States	12,256	12,385	12,389	12,730	12,383	12,627
Total	57,731	58,653	57,735	58,134	58,184	58,693
Total Dom. Consumption						
China	7,808	8,826	9,486	9,987	10,149	10,229
Brazil	7,925	7,929	7,611	7,242	7,140	7,312
European Union	6,753	6,698	6,518	6,502	6,430	6,450
India	2,729	2,776	2,476	2,798	2,650	2,875
Argentina	2,568	2,379	2,365	2,270	2,298	2,268
Mexico	1,902	1,901	1,898	1,959	2,010	1,990
Russia	1,790	1,767	1,708	1,628	1,620	1,475
Japan	1,298	1,319	1,295	1,265	1,300	1,295
United Kingdom	1,268	1,136	1,168	1,151	1,125	1,125
Canada	1,014	1,029	1,045	1,033	1,050	1,022
Others	8,215	8,207	8,024	8,061	8,101	8,159
Total Foreign	43,270	43,967	43,594	43,896	43,873	44,200
United States	12,181	12,409	12,531	12,705	12,390	12,695
Total	55,451	56,376	56,125	56,601	56,263	56,895

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)

	2018	2019	2020	2021	2022 Jan	2022 Apr
Total Imports						
China	1,369	2,177	2,782	3,024	3,250	3,150
Japan	840	853	832	807	830	825
Korea, South	515	550	549	588	575	595
Chile	308	347	342	464	380	450
United Kingdom	502	407	407	407	385	385
Hong Kong	521	356	513	371	385	350
European Union	422	435	350	321	320	335
Egypt	300	340	230	300	270	275
Malaysia	204	197	206	214	250	230
Philippines	187	185	190	222	230	230
Others	1,836	1,852	1,763	1,670	1,737	1,570
Total Foreign	7,004	7,699	8,164	8,388	8,612	8,395
United States	1,360	1,387	1,516	1,518	1,481	1,560
Total	8,364	9,086	9,680	9,906	10,093	9,955
Total Exports						
Brazil	2,021	2,314	2,539	2,320	2,680	2,600
India	1,511	1,494	1,284	1,397	1,600	1,475
Australia	1,582	1,739	1,473	1,291	1,470	1,470
Argentina	501	763	819	738	730	700
European Union	736	701	714	674	690	685
New Zealand	602	623	638	682	625	640
Canada	478	525	513	597	605	580
Uruguay	436	436	411	556	490	530
Mexico	272	315	343	363	380	380
Paraguay	355	338	371	434	440	380
Others	710	757	798	831	850	827
Total Foreign	9,204	10,005	9,903	9,883	10,560	10,267
United States	1,433	1,373	1,339	1,564	1,483	1,497
Total	10,637	11,378	11,242	11,447	12,043	11,764

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)

	2018	2019	2020	2021	2022 Jan	2022 Apr
Total Cattle Beg. Stks						
India	301,900	302,700	303,200	305,500	306,700	306,700
Brazil	232,350	238,158	244,144	252,700	264,100	264,238
China	90,386	88,791	90,828	95,009	99,500	97,559
European Union	79,010	77,840	77,161	76,494	75,750	75,650
Argentina	54,793	55,008	54,461	53,540	53,740	53,570
Australia	26,176	25,699	23,655	23,021	23,971	23,944
Russia	18,195	18,050	18,022	17,953	17,798	17,798
Mexico	16,584	16,699	16,900	17,000	17,370	17,258
Uruguay	11,744	11,396	11,436	11,966	11,956	11,646
Canada	11,565	11,500	11,265	11,155	10,930	11,095
Others	38,054	38,031	38,004	38,039	38,094	38,332
Total Foreign	880,757	883,872	889,076	902,377	919,909	917,790
United States	94,298	94,805	93,793	93,790	91,800	91,902
Total	975,055	978,677	982,869	996,167	1,011,709	1,009,692
Production (Calf Crop)						
India	68,600	69,000	69,400	69,800	70,000	70,000
Brazil	49,500	50,490	51,500	52,000	53,300	53,750
China	46,400	50,750	51,900	50,525	52,500	52,500
European Union	25,461	25,365	24,970	24,825	24,750	24,550
Argentina	14,851	14,965	14,300	14,300	14,550	13,900
Australia	9,100	8,700	8,300	8,200	8,800	8,800
Mexico	7,700	7,900	8,000	8,150	8,300	8,300
Russia	6,566	6,680	6,660	6,600	6,525	6,525
New Zealand	4,895	5,127	5,135	5,339	5,121	5,121
Canada	4,347	4,336	4,350	4,372	4,350	4,320
Others	12,168	12,191	12,404	12,141	12,066	11,915
Total Foreign	249,588	255,504	256,919	256,252	260,262	259,681
United States	36,313	35,592	35,496	35,085	34,700	34,300
Total	285,901	291,096	292,415	291,337	294,962	293,981

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)

	2018	2019	2020	2021	2022 Jan	2022 Apr
Total Imports						
China	157	199	266	361	350	375
Canada	202	275	277	402	360	330
Egypt	250	340	280	200	200	200
Mexico	24	29	37	90	60	60
European Union	71	99	43	20	25	20
Others	150	156	156	96	106	53
Total Foreign	854	1,098	1,059	1,169	1,101	1,038
United States	1,899	2,043	2,114	1,775	2,025	1,985
Total	2,753	3,141	3,173	2,944	3,126	3,023
Total Exports						
Mexico	1,278	1,381	1,485	1,200	1,460	1,170
European Union	1,060	1,070	1,126	1,025	1,040	1,035
Canada	631	725	675	648	590	830
Australia	1,151	1,344	1,109	788	900	600
Uruguay	406	140	120	250	220	220
Others	928	743	578	295	341	346
Total Foreign	5,454	5,403	5,093	4,206	4,551	4,201
United States	244	307	321	510	325	350
Total	5,698	5,710	5,414	4,716	4,876	4,551

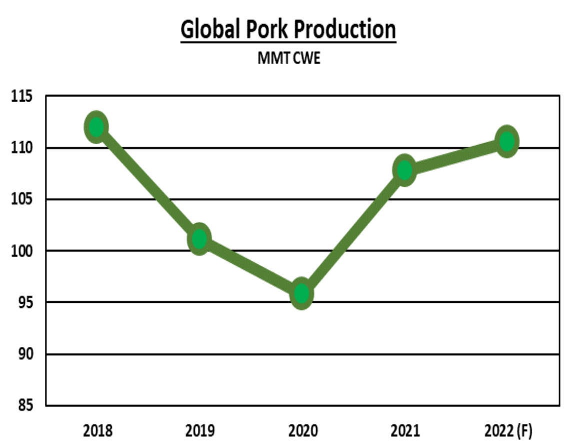
Notes: May contain other bovines. The notation of a month beneath a year conveys the month in which the forecast for that year was released.

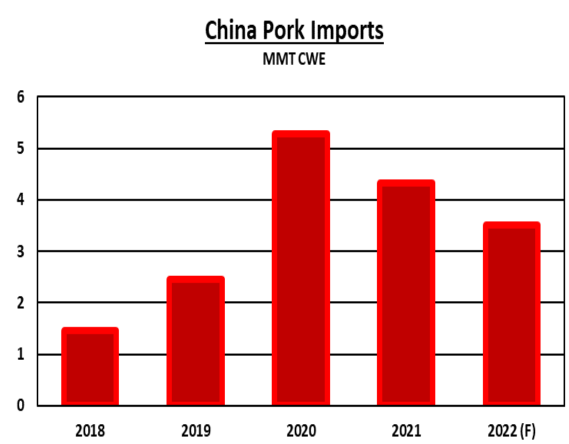
Pork

Global production is forecast nearly 3 percent higher year-over-year in 2022 at 110.5 million tons primarily on higher output in China. Hog inventories in China continued to grow during 2021 and were reported at nearly 450 million head – up 11 percent year-over-year. This should support China pork production in the first half of the year as these animals are marketed. However, currently high input prices and relatively weak pork demand have pressured producer margins, taking a financial toll on hog operations and making it likely that output growth will slow later in the year. Overall, China pork production is forecast at 51.0 million tons in 2022, 7 percent higher than 2021. In a global context, this will offset tighter supplies in the European Union, where a long-term trend of declining consumption coupled with slowing export demand drove producer margins down last year. This has led the breeding herd to contract by more than 3 percent. Even with continued growth in sow productivity, EU pig supplies will be lower as a result, pushing pork production 2 percent lower year-over-year to 23.2 million tons.

Global exports are expected at 11.7 million tons in 2022, 4 percent lower year over year as contracting China and Philippines imports more than offset growth elsewhere. China imports are forecast to decline 19 percent in 2022 as domestic production continues to grow and consumer demand remains relatively weak. Meanwhile, Philippines imports are forecast down 18 percent due to the expiration of expanded tariff rate quota volumes and lower tariffs. On the other hand, rebounding foodservice business is expected to spur South Korea imports 12 percent higher. Mexico imports are expected to remain firm, growing 4 percent, as pent-up consumer demand and recovering foodservice business supports consumption.

U.S. production and exports: U.S. production is forecast at 12.3 million tons in 2022, 2 percent lower than 2021, as lower hog inventories and farrowing intentions lead to tighter pig supplies for the remainder of the year. Meanwhile, tight domestic pork supplies and correspondingly high prices will weigh on U.S. exports while lower imports from China will increase competition in other Asian markets. U.S. exports are forecast to decline 6 percent year over year to just under 3.0 million tons.





Source: USDA-FAS-PSD

Pork Production - Top Countries Summary

1,000 Metric Tons (Carcass Weight Equivalent)

	2018	2019	2020	2021	2022 Jan	2022 Apr
Production						
China	54,040	42,550	36,340	47,500	49,500	51,000
European Union	23,156	22,996	23,219	23,720	23,660	23,150
Brazil	3,763	3,975	4,125	4,365	4,455	4,410
Russia	3,155	3,324	3,611	3,700	3,710	3,730
Vietnam	2,811	2,430	2,467	2,590	2,720	2,720
Canada	1,955	2,000	2,115	2,120	2,150	2,070
Mexico	1,321	1,408	1,451	1,484	1,540	1,535
Korea, South	1,329	1,364	1,403	1,407	1,365	1,410
Japan	1,284	1,279	1,306	1,318	1,330	1,315
Philippines	1,601	1,585	1,115	1,000	1,000	1,000
Others	5,563	5,576	5,770	5,967	5,970	5,881
Total Foreign	99,978	88,487	82,922	95,171	97,400	98,221
United States	11,943	12,543	12,845	12,559	12,487	12,288
Total	111,921	101,030	95,767	107,730	109,887	110,509
Total Dom. Consumption						
China	55,295	44,866	41,521	51,726	53,600	54,400
European Union	19,654	18,894	18,203	18,833	18,780	18,500
Russia	3,202	3,363	3,468	3,558	3,550	3,640
Brazil	3,043	3,116	2,949	3,047	3,098	3,083
Vietnam	2,869	2,493	2,687	2,884	2,965	2,985
Japan	2,774	2,714	2,732	2,760	2,765	2,769
Mexico	2,116	2,159	2,052	2,320	2,365	2,415
Korea, South	2,001	2,011	1,976	1,997	2,003	2,034
United Kingdom	1,625	1,554	1,468	1,520	1,450	1,535
Philippines	1,883	1,806	1,282	1,457	1,374	1,374
Others	6,863	6,835	6,703	7,176	7,228	7,172
Total Foreign	101,325	89,811	85,041	97,278	99,178	99,907
United States	9,747	10,066	10,034	9,915	9,902	9,923
Total	111,072	99,877	95,075	107,193	109,080	109,830

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)

	2018	2019	2020	2021	2022 Jan	2022 Apr
Total Imports						
China	1,457	2,451	5,281	4,330	4,200	3,500
Japan	1,480	1,493	1,412	1,420	1,450	1,450
Mexico	972	985	945	1,155	1,175	1,200
United Kingdom	1,006	932	837	751	740	800
Korea, South	753	694	554	570	620	640
Philippines	283	222	168	458	375	375
Hong Kong	411	331	378	364	420	350
Vietnam	78	73	225	300	250	270
Canada	228	242	274	263	270	260
Australia	216	269	201	210	210	215
Others	1,221	1,243	1,051	1,275	1,187	1,292
Total Foreign	8,105	8,935	11,326	11,096	10,897	10,352
United States	473	429	410	535	590	635
Total	8,578	9,364	11,736	11,631	11,487	10,987
Total Exports						
European Union	3,671	4,266	5,176	4,986	4,980	4,750
Canada	1,277	1,284	1,546	1,479	1,480	1,465
Brazil	722	861	1,178	1,321	1,360	1,330
Mexico	177	234	344	319	350	320
United Kingdom	307	338	349	256	310	265
Chile	190	223	295	268	270	250
China	202	135	100	104	100	100
Russia	37	68	156	158	170	100
Australia	41	33	34	38	40	40
South Africa	17	17	16	17	22	17
Others	58	41	69	75	72	57
Total Foreign	6,699	7,500	9,263	9,021	9,154	8,694
United States	2,666	2,867	3,302	3,189	3,175	2,991
Total	9,365	10,367	12,565	12,210	12,329	11,685

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)

	2018	2019	2020	2021	2022 Jan	2022 Apr
Total Beginning Stocks						
China	441,589	428,070	310,410	406,500	410,000	449,220
European Union	145,544	143,519	143,146	145,877	145,620	141,699
Brazil	38,829	38,427	37,850	37,350	36,350	35,688
Russia	22,945	23,600	25,048	25,744	26,200	26,200
Canada	14,170	13,975	13,970	14,030	13,650	14,110
Mexico	10,410	10,700	11,050	11,500	11,775	11,775
Korea, South	11,273	11,333	11,280	11,078	11,000	11,217
Japan	9,280	9,156	9,090	9,290	9,110	9,074
Ukraine	6,236	6,150	5,842	5,986	6,000	6,000
United Kingdom	4,713	4,648	4,741	4,758	4,700	5,075
Total Foreign	704,989	689,578	572,427	672,113	674,405	710,058
United States	73,145	75,070	76,833	77,312	74,201	74,146
Total	778,134	764,648	649,260	749,425	748,606	784,204
Production (Pig Crop)						
China	687,500	440,000	565,000	655,000	645,000	665,000
European Union	256,050	253,325	256,100	254,000	256,000	251,000
Russia	49,500	52,910	55,880	57,300	56,850	56,850
Brazil	40,954	42,250	43,525	44,515	45,300	45,150
Canada	28,032	28,352	29,555	30,243	30,350	30,200
Mexico	18,650	19,650	20,291	20,810	21,750	21,700
Korea, South	19,118	19,889	19,973	20,473	19,600	20,433
Japan	16,690	16,770	17,230	17,000	17,250	17,150
United Kingdom	10,950	11,175	11,250	11,600	11,300	10,900
Ukraine	8,813	8,565	8,569	8,770	9,300	7,600
Total Foreign	1,136,257	892,886	1,027,373	1,119,711	1,112,700	1,125,983
United States	132,568	137,588	140,680	132,948	136,770	132,220
Total	1,268,825	1,030,474	1,168,053	1,252,659	1,249,470	1,258,203

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)

	2018	2019	2020	2021	2022 Jan	2022 Apr
Total Imports						
United Kingdom	564	356	500	468	500	400
China	8	1	29	24	40	20
Mexico	33	37	25	15	25	20
European Union	17	13	19	12	5	15
Russia	8	14	21	11	12	5
Canada	3	6	6	4	0	3
Japan	1	0	3	1	2	2
Ukraine	30	22	11	7	8	2
Brazil	1	1	2	2	2	1
Korea, South	2	1	1	2	1	1
Total Foreign	667	451	617	546	595	469
United States	5,250	5,096	5,293	6,666	5,725	6,500
Total	5,917	5,547	5,910	7,212	6,320	6,969
Total Exports						
Canada	5,263	5,113	5,311	6,674	5,750	6,500
European Union	1,011	828	517	887	600	875
China	1,580	945	718	881	800	865
Russia	7	7	55	44	30	45
Ukraine	9	10	4	19	10	5
Brazil	8	9	3	2	2	3
United Kingdom	3	4	3	2	2	2
Japan	0	0	0	0	0	0
Korea, South	0	0	0	0	0	0
Mexico	0	0	0	0	0	0
Total Foreign	7,881	6,916	6,611	8,509	7,194	8,295
United States	64	60	56	52	65	55
Total	7,945	6,976	6,667	8,561	7,259	8,350

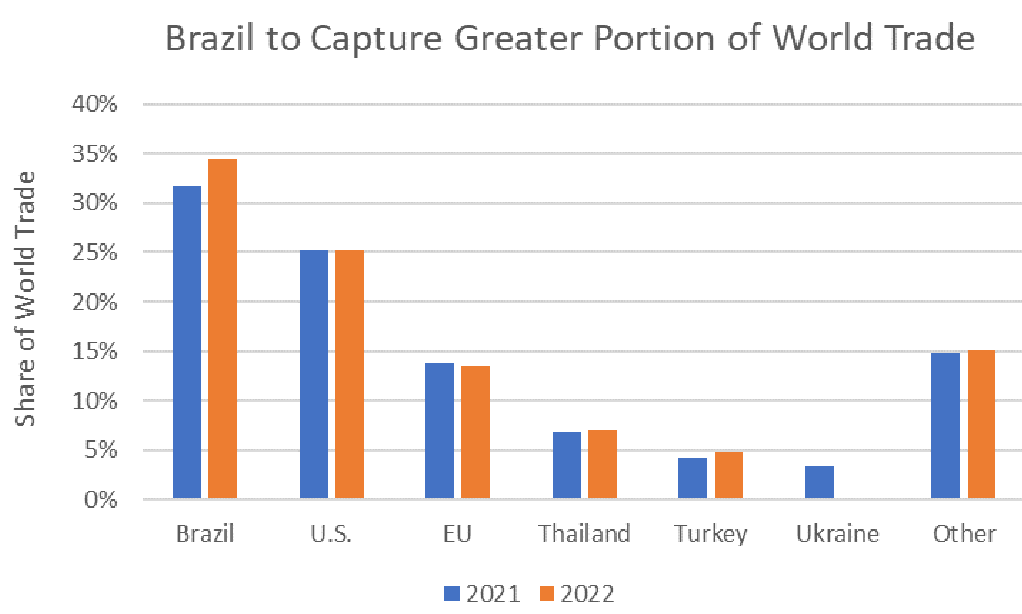
Notes: The notation of a month beneath a year conveys the month in which the forecast for that year was released.

Chicken Meat

Global production is forecast virtually unchanged in 2022 at 100.1 million tons as gains by major producers generally offset declines in Ukraine and China. For most countries, higher feed prices are expected to stymie expansion despite forecasted economic recovery buoying modest demand growth. As the leading world exporter, Brazil will increase production substantially to backfill global demand vacated as Ukraine meat exports cease. Similarly, expansion in Turkish production will be fueled by regional demand. Russia production will grow on increased availability of feed grains, but product will be directed to the domestic market. China production is forecast lower as pork production continues to rebound and yellow feather broiler production declines due to consumers shifting to online and modern retail channels.

Global exports are forecast stagnant in 2022 at nearly 13.4 million tons. Much of the drop in global exportable supplies spurred by the absence of Ukraine will be fulfilled by Brazil which is one of the few major exporters able to service a wide array of markets. Turkey and the United Kingdom will also post trade gains on modest demand growth in their respective regions. Imports by Ukraine, Russia, and Saudi Arabia will decline while modest growth is expected for Iraq, Cuba, the United Kingdom, and Mexico.

U.S. production and exports: U.S. production is forecast 1 percent higher in 2022 as relatively high feed grain prices pressure producer returns and elevated retail prices moderate consumer demand. Exports are forecast unchanged at 3.3 million tons. As U.S. exports are largely destined for price-sensitive middle- and low-income markets, relatively higher U.S. prices will reduce competitiveness particularly in the second half of the year. While the United States faces restrictions by trading partners due to the current Highly Pathogenic Avian Influenza (HPAI) outbreak, these restrictions are generally limited in geographic scope at a zone, county, or state-level rather than national, thus the impact on shipments to date have been limited.



Source: USDA-FAS-PSD

Chicken Meat Production - Top Countries Summary

1,000 Metric Tons (Ready to Cook Equivalent)

	2018	2019	2020	2021	2022 Jan	2022 Apr
Production						
Brazil	13,355	13,690	13,880	14,500	14,750	14,850
China	11,700	13,800	14,600	14,700	14,300	14,300
European Union	10,618	10,836	11,030	10,830	10,910	10,850
Russia	4,684	4,668	4,680	4,600	4,650	4,800
Mexico	3,485	3,600	3,725	3,815	3,900	3,900
Thailand	3,170	3,300	3,250	3,220	3,340	3,250
Turkey	2,157	2,138	2,136	2,246	2,230	2,390
Argentina	2,068	2,171	2,215	2,290	2,300	2,320
United Kingdom	1,750	1,726	1,794	1,840	1,725	1,850
Colombia	1,695	1,761	1,685	1,774	1,675	1,805
Others	18,624	19,759	20,004	20,331	20,329	20,134
Total Foreign	73,306	77,449	78,999	80,146	80,109	80,449
United States	19,361	19,941	20,255	20,391	20,712	20,525
Total	92,667	97,390	99,254	100,537	100,821	100,974
Total Dom. Consumption						
China	11,595	13,952	15,211	15,032	14,640	14,640
Brazil	9,588	9,756	10,010	10,280	10,430	10,255
European Union	9,354	9,458	9,653	9,636	9,755	9,695
Mexico	4,301	4,469	4,560	4,725	4,832	4,833
Russia	4,785	4,712	4,688	4,632	4,640	4,790
Japan	2,761	2,789	2,757	2,838	2,832	2,852
Thailand	2,255	2,389	2,299	2,280	2,400	2,320
Argentina	1,911	1,941	2,025	2,117	2,130	2,145
United Kingdom	2,148	2,054	2,004	2,115	2,025	2,125
Colombia	1,781	1,871	1,779	1,870	1,780	1,905
Others	23,600	24,692	24,855	25,410	25,307	25,723
Total Foreign	74,079	78,083	79,841	80,935	80,771	81,283
United States	16,185	16,702	16,994	17,158	17,361	17,219
Total	90,264	94,785	96,835	98,093	98,132	98,502

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)

	2018	2019	2020	2021	2022 Jan	2022 Apr
Total Imports						
Japan	1,074	1,076	1,005	1,077	1,060	1,080
Mexico	820	875	842	917	940	940
China	342	580	999	789	800	800
United Kingdom	779	714	664	625	675	650
European Union	740	770	660	644	635	645
Saudi Arabia	629	601	618	610	625	550
United Arab Emirates	421	482	429	500	445	510
Iraq	529	494	468	388	375	440
Philippines	321	366	335	437	400	420
Ghana	222	259	295	363	350	380
Others	4,129	4,244	4,288	4,441	4,359	4,405
Total Foreign	10,006	10,461	10,603	10,791	10,664	10,820
United States	64	61	66	72	67	68
Total	10,070	10,522	10,669	10,863	10,731	10,888
Total Exports						
Brazil	3,770	3,939	3,875	4,225	4,325	4,600
European Union	2,004	2,148	2,037	1,838	1,790	1,800
Thailand	925	961	941	907	960	930
Turkey	413	402	440	563	515	650
China	447	428	388	457	460	460
United Kingdom	381	386	454	350	375	375
Argentina	168	235	196	183	180	185
Belarus	168	174	190	184	170	185
Russia	131	173	216	218	215	175
Chile	111	131	136	133	140	135
Others	731	874	870	906	896	495
Total Foreign	9,249	9,851	9,743	9,964	10,026	9,990
United States	3,244	3,259	3,376	3,362	3,403	3,362
Total	12,493	13,110	13,119	13,326	13,429	13,352

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 2020:

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

Commodity/Attribute	Years	Countries
Cattle		
Imports	2016 – 2019	China
Slaughter	2017 – 2019	Australia and Canada
Beef		
Production	1996 – 2019	Malaysia
Pork		
Production	2016-2019	Angola
Chicken Meat		
Production	2010, 2015-2019	Belarus, Cuba, Egypt, Guatemala, Iraq, Jordan, and Vietnam
Trade	2009-2011, 2013-2019	Argentina, South Africa, and Vietnam

Assumptions

Diseases: Forecast reflects animal disease policies/restrictions in place as of April 8, 2022, 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.

European Union: The term “European Union” means the countries involved in the previous customs union, i.e., EU27+UK, through 2015. Starting with 2016 data, livestock and poultry PSDs reflect EU27 and UK separately.

Conversion Rates and HS Codes

BEEF AND VEAL		
HS Code	**Description**	**Conversion Rate**
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
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.		

PORK		
HS Code	**Description**	**Conversion Rate**
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/.

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, 2022.

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 Kingdom	x	x	x
United States	x	x	x

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