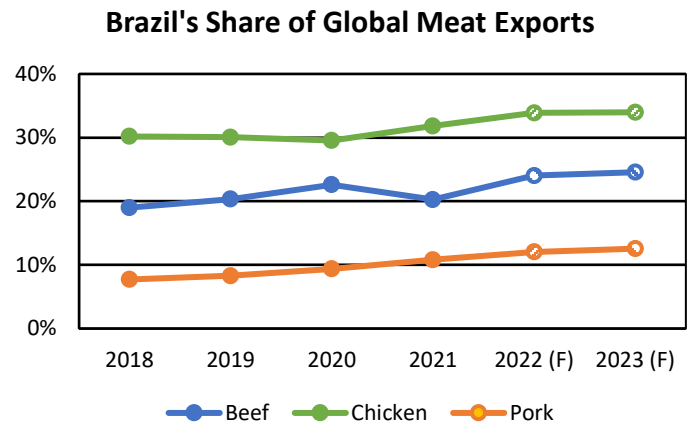
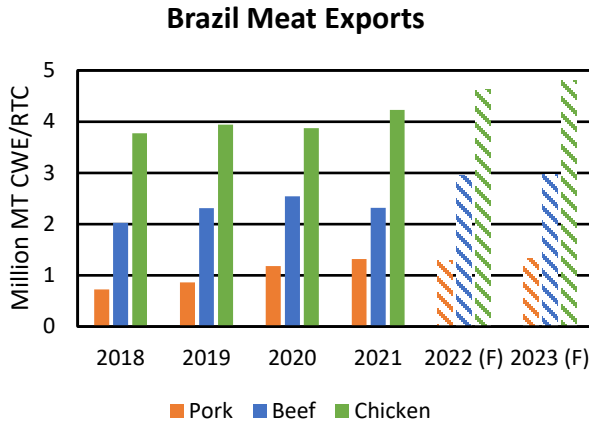




Livestock and Poultry: World Markets and Trade

Record Brazil Meat Exports in 2023



Brazil chicken meat exports are forecast up 4 percent in 2023 on firm demand in key markets and production challenges by key competitors. Highly pathogenic avian influenza outbreaks in North America and Europe, rising energy costs in the EU, and production disruptions in the Ukraine have decreased competitors' exportable supplies and price competitiveness. These events enable Brazil to benefit from firm global demand as consumers seek lower priced animal protein amid inflation of food prices. Further, Brazil ships a wide variety of products (including whole birds and breast cuts) to service a broad range of markets. For example, Brazil is a robust supplier of halal products to the Middle East which is forecast to have strong demand in 2023. Brazil will remain the world's top exporter, accounting for over one-third of global shipments.

In 2023, Brazil beef exports are forecast up about 1 percent and it will maintain its position as top exporter, accounting for approximately 25 percent of beef exports by major traders. China is expected to remain Brazil's largest market despite lower total beef imports due to increased domestic supplies. Argentina and Uruguay, Brazil's main competitors in China, will have tighter supplies of cattle, limiting their exportable supplies. Furthermore, Brazil exports only frozen boneless beef to China and at more competitive prices than New Zealand and Australia making its shipments more attractive amid the economic slowdown. In addition to China, Brazil shipments to Middle East and Southeast Asia markets are expected to climb as India's exports are expected to be stagnant.

Brazil is expected to maintain its position as the world's fourth-largest pork exporter in 2023 with approximately 10-percent market share. Brazil pork exports are forecast up 3 percent on robust exports to South America and Southeast Asia, including the Philippines where African swine fever constrains production. China will remain Brazil's top destination, but China's total pork imports are expected to fall due to rising domestic supplies.

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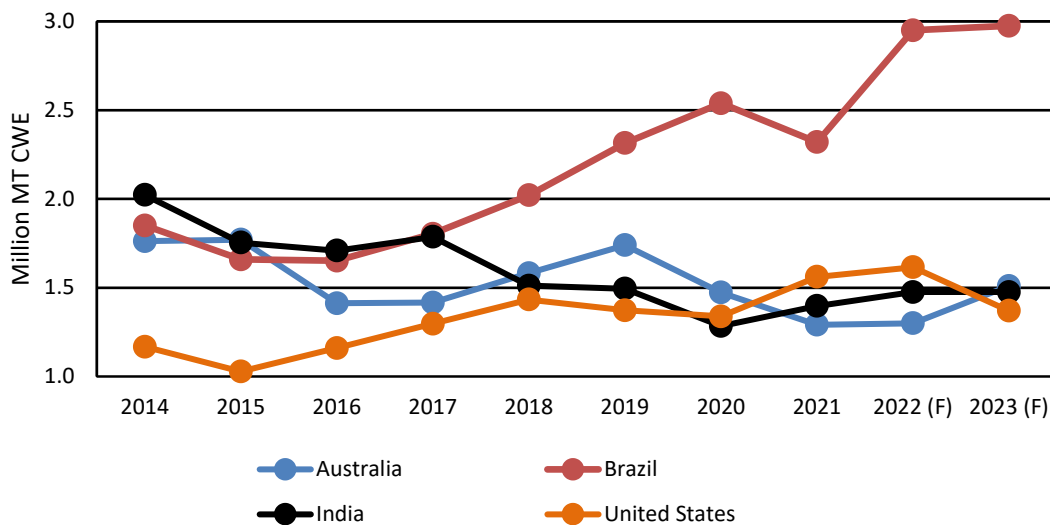
Beef and Veal

Global production is forecast fractionally lower in 2023 as falling North America and EU production offsets gains in Brazil, China, and Australia. Brazil production is expected to increase 1 percent based on firm global demand in key markets although higher input costs and a weak domestic market will constrain growth. In China, higher cattle inventories are anticipated to support a 5 percent increase in beef production. Meanwhile, Australia production is expected to surge 13 percent on improved pasture conditions.

Global exports in 2023 are forecast down 1 percent due to lower import demand, particularly in China. Nevertheless, lower total exports from North America and India are expected to benefit Australia and Brazil. Reduced North America competition in East Asia and rebounding Australia production will allow Australia to boost its shipments and increase market share. Meanwhile, Brazil exports are forecast record high as aggregate exports from its main competitors (Argentina, Paraguay, Uruguay, and India) are expected to fall 3 percent. Smaller cattle inventories are expected to weigh on the exportable supplies of Argentina, Paraguay, and Uruguay. As for India, exports are expected to be unchanged from 2022 with limited growth to a number of markets.

U.S. production and exports: U.S. beef production is forecast down 6 percent on tighter cattle inventories. In 2022, drought conditions in much of the United States have resulted in high culling rates and earlier-than-normal placement of cattle in feedlots. This will result in a smaller cattle herd in 2023. U.S. exports are forecast 14 percent lower than 2022's record volume as tighter cattle supplies and potential heifer herd retention will be reflected in lower beef production, thus constraining exportable supplies. Nevertheless, U.S. exports are expected to remain historically elevated on firm demand in key market

Top Beef Exporters



Source: USDA-FAS-PSD

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

	2018	2019	2020	2021	2022	2023 Oct
Production						
Brazil	9,975	10,050	9,975	9,750	10,350	10,450
China	6,440	6,670	6,720	6,980	7,125	7,500
European Union	7,067	6,964	6,882	6,865	6,820	6,700
India	4,240	4,270	3,760	4,195	4,350	4,425
Argentina	3,050	3,125	3,170	3,000	3,080	3,050
Mexico	1,980	2,027	2,079	2,129	2,175	2,225
Australia	2,309	2,432	2,125	1,888	1,950	2,210
Canada	1,265	1,342	1,314	1,385	1,385	1,375
Russia	1,357	1,374	1,378	1,380	1,380	1,370
South Africa	1,027	1,019	1,008	996	997	1,001
Others	6,844	6,869	6,858	7,069	6,940	6,921
Total Foreign	45,554	46,142	45,269	45,637	46,552	47,227
United States	12,256	12,385	12,389	12,734	12,820	12,017
Total	57,810	58,527	57,658	58,371	59,372	59,244
Total Dom. Consumption						
China	7,808	8,826	9,485	9,987	10,245	10,330
Brazil	8,000	7,779	7,486	7,492	7,471	7,547
European Union	6,753	6,698	6,518	6,512	6,505	6,450
India	2,729	2,776	2,476	2,798	2,875	2,950
Argentina	2,568	2,379	2,366	2,273	2,316	2,305
Mexico	1,902	1,901	1,898	1,938	1,905	1,985
Russia	1,790	1,766	1,708	1,628	1,530	1,510
Japan	1,298	1,319	1,295	1,263	1,265	1,287
United Kingdom	1,244	1,134	1,160	1,137	1,129	1,115
Canada	1,015	1,029	1,044	999	1,012	1,015
Others	8,201	8,231	8,093	8,126	7,996	8,167
Total Foreign	43,308	43,838	43,529	44,153	44,249	44,661
United States	12,181	12,409	12,531	12,712	12,712	12,185
Total	55,489	56,247	56,060	56,865	56,961	56,846

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	2023 Oct
Total Imports						
China	1,369	2,177	2,781	3,024	3,140	2,850
Japan	840	853	832	807	800	805
Korea, South	515	550	549	588	610	620
Chile	308	347	342	464	410	410
European Union	422	435	350	321	385	400
United Kingdom	478	405	399	393	415	395
Egypt	300	340	230	300	315	295
Malaysia	204	197	206	214	235	235
Hong Kong	521	356	513	371	175	225
Philippines	187	185	190	221	225	225
Others	1,818	1,851	1,779	1,712	1,665	1,705
Total Foreign	6,962	7,696	8,171	8,415	8,375	8,165
United States	1,360	1,387	1,515	1,518	1,537	1,520
Total	8,322	9,083	9,686	9,933	9,912	9,685
Total Exports						
Brazil	2,021	2,314	2,539	2,320	2,950	2,975
Australia	1,582	1,739	1,473	1,291	1,300	1,510
India	1,511	1,494	1,284	1,397	1,475	1,475
Argentina	501	763	818	735	770	750
European Union	736	701	714	674	700	650
New Zealand	602	623	638	683	640	630
Canada	477	525	513	596	585	575
Uruguay	436	436	411	557	570	535
Mexico	272	315	343	363	430	440
Paraguay	355	338	371	434	435	390
Others	710	757	794	834	810	813
Total Foreign	9,203	10,005	9,898	9,884	10,665	10,743
United States	1,433	1,373	1,338	1,561	1,620	1,393
Total	10,636	11,378	11,236	11,445	12,285	12,136

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	2023 Oct
Total Cattle Beg. Stks						
India	301,900	302,700	303,200	305,500	306,700	307,550
Brazil	186,245	187,290	190,026	193,195	193,780	194,365
China	90,386	88,791	90,828	95,009	97,559	101,200
European Union	79,010	77,840	77,161	76,499	75,648	74,460
Argentina	54,793	55,008	54,461	53,540	53,400	52,950
Australia	26,176	25,699	23,655	23,021	23,944	25,710
Mexico	16,584	16,699	16,900	17,000	17,314	17,900
Russia	18,195	18,050	18,022	17,953	17,798	17,435
Uruguay	11,744	11,396	11,436	11,966	11,646	11,636
Canada	11,670	11,670	11,540	11,515	11,505	11,195
Others	38,054	38,031	38,004	38,039	38,140	37,722
Total Foreign	834,757	833,174	835,233	843,237	847,434	852,123
United States	94,298	94,805	93,793	93,790	91,902	89,400
Total	929,055	927,979	929,026	937,027	939,336	941,523
Production (Calf Crop)						
India	68,600	69,000	69,400	69,800	70,000	70,100
China	46,400	50,750	51,900	50,525	52,500	52,575
Brazil	47,430	49,490	49,150	46,550	47,836	48,160
European Union	25,461	25,365	25,030	24,770	24,500	24,250
Argentina	14,851	14,965	14,300	14,460	13,900	14,100
Australia	9,100	8,700	8,300	8,200	8,800	9,300
Mexico	7,700	7,900	8,000	8,150	8,350	8,475
Russia	6,566	6,680	6,660	6,600	6,525	6,475
New Zealand	4,895	5,127	5,135	5,183	5,121	5,050
Canada	4,412	4,440	4,435	4,475	4,405	4,230
Others	12,168	12,191	12,404	11,940	11,844	11,658
Total Foreign	247,583	254,608	254,714	250,653	253,781	254,373
United States	36,313	35,592	35,496	35,085	34,600	33,500
Total	283,896	290,200	290,210	285,738	288,381	287,873

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	2023 Oct
Total Imports						
China	157	199	266	361	365	285
Egypt	250	340	280	200	200	200
Canada	202	275	277	402	240	180
Mexico	24	29	37	101	110	30
United Kingdom	8	12	59	18	24	25
Others	202	231	131	89	34	37
Total Foreign	843	1,086	1,050	1,171	973	757
United States	1,899	2,043	2,114	1,775	1,655	1,950
Total	2,742	3,129	3,164	2,946	2,628	2,707
Total Exports						
Mexico	1,278	1,381	1,485	1,037	950	1,300
European Union	1,060	1,070	1,122	987	950	900
Canada	631	725	675	645	755	675
Australia	1,151	1,344	1,109	788	525	625
Brazil	785	535	329	62	150	160
Others	552	351	369	480	310	252
Total Foreign	5,457	5,406	5,089	3,999	3,640	3,912
United States	244	307	321	511	350	210
Total	5,701	5,713	5,410	4,510	3,990	4,122

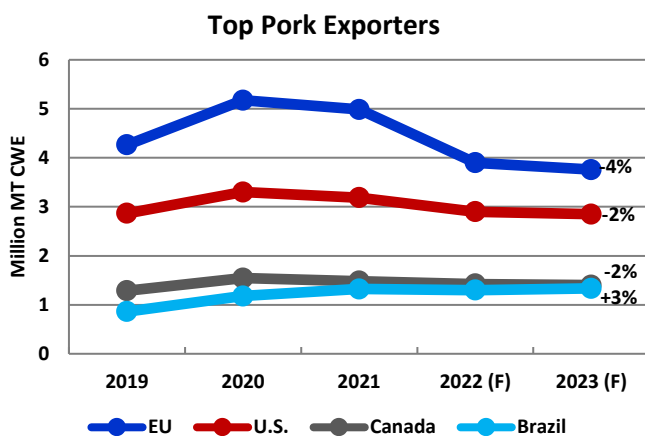
Notes: May contain other bovines. The notation of a month beneath a year conveys the month in which the forecast for that year was released.

Pork

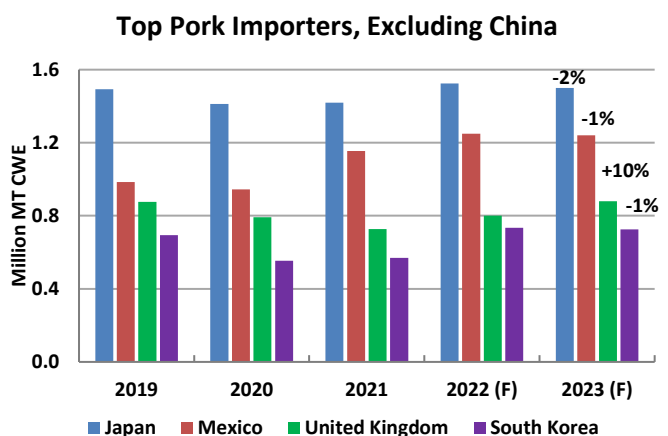
Global production is forecast to rise 1 percent in 2023 to 111.0 million tons as production in China increases. China pork production is expected to grow 2 percent as the sector continues to recover from the impacts of African swine fever (ASF). High feed costs in China are expected to reduce incentives to over-fatten hogs. The United States, Brazil, and Mexico are also forecast to expand production, more than offsetting declines by other major producers including the EU and the United Kingdom (UK). Rising feed, energy costs, and environmental restrictions will dampen EU production. Producers in the UK face high feed costs and weaker demand for domestic pork. Brazil and Mexico continue to expand their hog sectors to meet growing domestic demand, partly driven by consumers seeking alternatives to higher-priced beef, and stronger export demand in several key countries. Production in Vietnam continues to rebound as the management of ASF has protected the sector from large-scale outbreaks.

Global exports are forecast to fall 2 percent to 10.5 million tons in 2023 as China imports weaken for a second consecutive year. Despite persistent issues with ASF, Philippines pork imports are also forecast to decline due to the end of policies favoring imports in 2022; the temporary increase in pork quota volumes ended in May 2022 and reduced tariffs were extended through the end of 2022. UK pork imports rise as pre-pandemic consumption trends are expected to return, shifting purchases from retail to food service, shifting demand for domestically produced pork to imported pork.

U.S. production and exports: U.S. production is forecast 1 percent higher in 2023 to 12.4 million tons on gradually increasing pig crops and heavier weights. However, U.S. exports are forecast lower in 2023 on easing demand by key importers such as Mexico and China.



Source: USDA-FAS-PSD



Source: USDA-FAS-PSD

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

	2018	2019	2020	2021	2022	2023 Oct
Production						
China	54,040	42,550	36,340	47,500	51,000	52,000
European Union	23,156	22,996	23,219	23,615	22,670	22,580
Brazil	3,763	3,975	4,125	4,365	4,350	4,420
Russia	3,155	3,324	3,611	3,700	3,800	3,800
Vietnam	2,811	2,430	2,467	2,590	2,700	2,750
Canada	1,955	2,000	2,115	2,101	2,055	2,040
Mexico	1,321	1,408	1,451	1,484	1,530	1,600
Korea, South	1,329	1,364	1,403	1,407	1,405	1,385
Japan	1,284	1,279	1,306	1,318	1,300	1,305
Philippines	1,601	1,585	1,115	1,000	950	1,000
Others	5,563	5,576	5,762	5,967	5,765	5,685
Total Foreign	99,978	88,487	82,914	95,047	97,525	98,565
United States	11,943	12,543	12,845	12,560	12,321	12,410
Total	111,921	101,030	95,759	107,607	109,846	110,975
Total Dom. Consumption						
China	55,295	44,866	41,521	51,726	52,690	53,575
European Union	19,654	18,894	18,204	18,727	18,920	18,970
Russia	3,202	3,363	3,468	3,558	3,650	3,690
Brazil	3,043	3,116	2,949	3,047	3,055	3,089
Vietnam	2,869	2,493	2,687	2,821	2,845	2,920
Japan	2,774	2,714	2,732	2,760	2,815	2,805
Mexico	2,116	2,159	2,052	2,320	2,480	2,530
Korea, South	2,001	2,011	1,976	1,997	2,084	2,113
United Kingdom	1,584	1,502	1,426	1,506	1,480	1,477
Philippines	1,883	1,806	1,282	1,460	1,499	1,449
Others	6,868	6,837	6,700	7,148	7,113	7,172
Total Foreign	101,289	89,761	84,997	97,070	98,631	99,790
United States	9,747	10,066	10,034	9,918	10,046	10,234
Total	111,036	99,827	95,031	106,988	108,677	110,024

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	2023 Oct
Total Imports						
China	1,457	2,451	5,281	4,330	1,800	1,700
Japan	1,480	1,493	1,412	1,420	1,525	1,500
Mexico	972	985	945	1,155	1,250	1,240
United Kingdom	961	876	792	727	800	880
Korea, South	753	694	554	570	735	725
Philippines	283	222	168	461	550	450
Hong Kong	411	331	378	364	275	330
Australia	216	269	201	210	260	260
Canada	228	242	274	263	245	250
Vietnam	78	73	225	237	150	175
Others	1,226	1,247	1,056	1,278	1,338	1,352
Total Foreign	8,065	8,883	11,286	11,015	8,928	8,862
United States	473	429	410	535	670	683
Total	8,538	9,312	11,696	11,550	9,598	9,545
Total Exports						
European Union	3,671	4,266	5,175	4,987	3,900	3,760
Canada	1,277	1,286	1,546	1,482	1,425	1,400
Brazil	722	861	1,178	1,321	1,300	1,335
Mexico	177	234	344	319	300	310
United Kingdom	303	334	346	256	265	275
Chile	190	223	295	268	200	225
China	202	135	100	104	110	125
Russia	37	68	156	158	170	125
Australia	41	33	34	38	32	25
Singapore	2	2	8	15	20	20
Others	73	56	77	77	49	50
Total Foreign	6,695	7,498	9,259	9,025	7,771	7,650
United States	2,666	2,867	3,302	3,187	2,898	2,849
Total	9,361	10,365	12,561	12,212	10,669	10,499

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	2023 Oct
Total Beginning Stocks						
China	441,589	428,070	310,410	406,500	449,220	457,000
European Union	145,544	143,519	143,146	145,843	141,656	140,200
Brazil	38,829	38,427	37,850	37,350	35,688	34,250
Russia	22,945	23,600	25,048	25,744	26,200	25,660
Canada	14,245	14,070	14,065	14,120	14,175	13,820
Mexico	10,410	10,700	11,050	11,500	11,775	12,250
Korea, South	11,273	11,333	11,280	11,078	11,217	11,040
Japan	9,280	9,156	9,090	9,290	8,949	8,945
Ukraine	6,236	6,150	5,842	5,986	5,718	5,000
United Kingdom	4,713	4,648	4,741	4,828	5,150	4,650
Total Foreign	705,064	689,673	572,522	672,239	709,748	712,815
United States	73,145	75,070	76,833	77,312	74,466	74,000
Total	778,209	764,743	649,355	749,551	784,214	786,815
Production (Pig Crop)						
China	687,500	440,000	565,000	655,000	662,000	675,000
European Union	256,050	253,325	256,100	254,190	250,000	248,000
Russia	49,500	52,910	55,880	57,300	58,000	58,000
Brazil	40,954	42,250	43,525	44,515	44,850	46,000
Canada	28,052	28,352	29,550	30,216	29,500	29,400
Mexico	18,650	19,650	20,291	20,810	21,700	22,400
Korea, South	19,118	19,889	19,973	20,473	20,190	20,090
Japan	16,690	16,770	17,230	17,000	16,800	16,900
United Kingdom	10,950	11,175	11,250	11,575	9,900	9,800
Ukraine	8,813	8,565	8,569	8,550	7,500	6,700
Total Foreign	1,136,277	892,886	1,027,368	1,119,629	1,120,440	1,132,290
United States	132,568	137,588	140,680	133,359	131,716	133,110
Total	1,268,845	1,030,474	1,168,048	1,252,988	1,252,156	1,265,400

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	2023 Oct
Total Imports						
United Kingdom	524	337	485	433	400	350
European Union	17	13	19	26	30	35
Mexico	33	37	25	10	10	10
China	8	1	29	23	5	5
Russia	8	14	21	11	5	5
Brazil	1	1	2	2	2	3
Canada	3	6	6	4	3	3
Japan	1	0	3	1	1	2
Ukraine	30	22	11	7	2	2
Korea, South	2	1	1	2	1	1
Total Foreign	627	432	602	519	459	416
United States	5,250	5,096	5,293	6,663	6,644	6,660
Total	5,877	5,528	5,895	7,182	7,103	7,076
Total Exports						
Canada	5,263	5,113	5,311	6,673	6,655	6,670
China	1,580	945	718	881	1,150	1,180
European Union	1,011	828	515	963	990	995
Russia	7	7	55	44	45	45
Ukraine	9	10	4	19	3	3
Brazil	8	9	3	2	2	1
Japan	0	0	0	0	0	0
Korea, South	0	0	0	0	0	0
Mexico	0	0	0	0	0	0
United Kingdom	3	4	3	2	0	0
Total Foreign	7,881	6,916	6,609	8,584	8,845	8,894
United States	64	60	56	52	44	48
Total	7,945	6,976	6,665	8,636	8,889	8,942

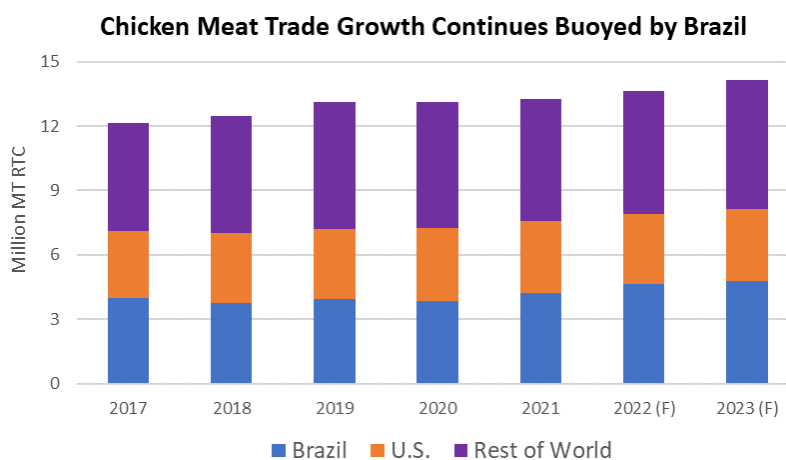
Notes: The notation of a month beneath a year conveys the month in which the forecast for that year was released.

Chicken Meat

Global production is forecast 2 percent higher in 2023 to a record 102.7 million tons. All major producers except China will make gains with the most significant growth in Brazil. Relatively high feed and energy prices have squeezed profitability globally, but expansion is spurred by robust demand as consumers are expected to seek lower-cost animal proteins amid rising food costs. Brazilian growth is driven by both domestic and global demand as it solidifies its position as the world's leading producer, surpassing China this year. China production will be stagnant as growth in white feather production will offset a decline in yellow feather production. Demand for affordable chicken products, particularly white feather broiler meat, is expected to grow in 2023 as Chinese consumers shift towards a more diverse protein diet. Thailand production will grow 3 percent despite the anticipated slow recovery in domestic consumption and high production costs caused by supply disruptions to feed grains and day-old chicks. These factors will keep the growth rate below the pre-pandemic average. Russia and Mexico will also make gains amid strong domestic demand. EU production is forecast only marginally higher due to rising energy costs on the heels of highly pathogenic avian influenza (HPAI) outbreaks.

Global exports are forecast 4 percent higher in 2023 to a record 14.1 million tons, the most aggressive growth in trade since before COVID-19. Expansion is buoyed primarily by increased demand in China, the EU, and Saudi Arabia, and as production growth is limited for a number of competing exporting producers, Brazil is expected to capture most of the gains. Brazil's price competitiveness, EU market access, and ability to supply halal product makes the world's leading exporter well-positioned to fulfill rising global demand. Thailand shipments will reach a record 1.0 million tons on increased shipments to major markets, particularly benefiting from improved China and Saudi Arabia market access. Exports by the EU are stymied by weak production growth on repercussions from HPAI and high prices stemming from increased input costs, particularly energy.

U.S. production and exports: U.S. production is expected to rise nearly 2 percent to nearly 21.2 million tons in 2023 on a modest decline in feed prices and firm demand. Increased supplies will bolster exports which are forecast 3 percent higher to nearly 3.4 million tons.



Source: USDA-FAS-PSD

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

	2018	2019	2020	2021	2022	2023 Oct
Production						
Brazil	13,355	13,690	13,880	14,500	14,400	14,850
China	11,700	13,800	14,600	14,700	14,300	14,300
European Union	10,618	10,836	11,030	10,860	10,920	10,970
Russia	4,684	4,668	4,680	4,600	4,750	4,850
Mexico	3,485	3,600	3,725	3,815	3,900	4,000
Thailand	3,170	3,300	3,250	3,220	3,270	3,360
Turkey	2,157	2,138	2,136	2,246	2,315	2,400
Argentina	2,068	2,171	2,215	2,290	2,335	2,380
Colombia	1,695	1,761	1,685	1,773	1,880	1,925
Peru	1,582	1,763	1,723	1,752	1,775	1,800
Others	18,785	19,641	20,078	20,363	20,241	20,738
Total Foreign	73,299	77,368	79,002	80,119	80,086	81,573
United States	19,361	19,941	20,255	20,391	20,845	21,163
Total	92,660	97,309	99,257	100,510	100,931	102,736
Total Dom. Consumption						
China	11,595	13,952	15,211	15,032	14,400	14,475
European Union	9,354	9,458	9,653	9,667	9,945	10,065
Brazil	9,588	9,756	10,010	10,280	9,780	10,055
Mexico	4,301	4,469	4,560	4,725	4,807	4,922
Russia	4,785	4,712	4,688	4,632	4,650	4,700
Japan	2,761	2,789	2,757	2,848	2,890	2,895
Thailand	2,255	2,389	2,299	2,280	2,306	2,381
United Kingdom	2,154	2,142	2,068	2,173	2,365	2,300
Argentina	1,911	1,941	2,025	2,116	2,165	2,190
Colombia	1,781	1,871	1,779	1,869	1,950	2,015
Others	23,493	24,475	24,716	25,294	25,379	26,208
Total Foreign	73,978	77,954	79,766	80,916	80,637	82,206
United States	16,185	16,702	16,994	17,164	17,613	17,900
Total	90,163	94,656	96,760	98,080	98,250	100,106

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	2023 Oct
Total Imports						
Japan	1,074	1,076	1,005	1,077	1,115	1,120
Mexico	820	875	842	917	915	930
United Kingdom	774	792	732	689	915	875
European Union	740	770	660	645	775	815
China	342	580	999	789	650	750
Saudi Arabia	629	601	618	615	500	600
Iraq	529	494	468	388	475	500
Philippines	321	366	336	437	435	450
United Arab Emirates	321	341	270	388	416	418
South Africa	521	485	434	371	370	380
Others	3,830	4,023	4,158	4,446	4,359	4,571
Total Foreign	9,901	10,403	10,522	10,762	10,925	11,409
United States	64	61	66	72	88	79
Total	9,965	10,464	10,588	10,834	11,013	11,488
Total Exports						
Brazil	3,770	3,939	3,875	4,225	4,625	4,800
European Union	2,004	2,148	2,037	1,838	1,750	1,720
Thailand	925	961	941	907	965	1,000
Turkey	413	402	440	510	550	600
China	447	428	388	457	550	575
Ukraine	318	407	428	458	420	450
United Kingdom	370	376	443	357	300	325
Russia	131	173	216	218	225	250
Argentina	168	235	196	183	190	200
Belarus	168	174	190	184	150	175
Others	524	598	586	595	638	683
Total Foreign	9,238	9,841	9,740	9,932	10,363	10,778
United States	3,244	3,259	3,376	3,356	3,267	3,356
Total	12,482	13,100	13,116	13,288	13,630	14,134

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 2021:

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

Commodity/Attribute	Years	Countries
Cattle		
<i>Production</i>	2007-2020	Brazil
<i>Trade</i>	2019	European Union
Beef		
<i>Production</i>	2007-2020	Brazil
<i>Trade</i>	2012-2019	Canada, Russia, and South Africa
Swine		
<i>Production</i>	2017-2020	Canada
Pork		
<i>Trade</i>	2016-2019	United Kingdom
Chicken Meat		
<i>Production</i>	2014-2019	Belarus, Canada, Ghana, Jordan, Malaysia, Peru, and United Kingdom
<i>Trade</i>	2019-2020	Oman, United Kingdom, and Vietnam

Assumptions

Diseases: Forecast reflects animal disease policies/restrictions in place as of October 12, 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
<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>		
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

Chicken Meat Trade Codes: Fresh/Chilled (HS 020711 and HS 020713), Frozen (HS 020712 and HS 020714) and Processed (HS 160232). In general, chicken paws are excluded. Trade of “salted poultry” (HS 021099) is included in EU and UK imports as well as the exports of selected countries.

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. Livestock and Poultry estimates are 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 January 12, 2023.

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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