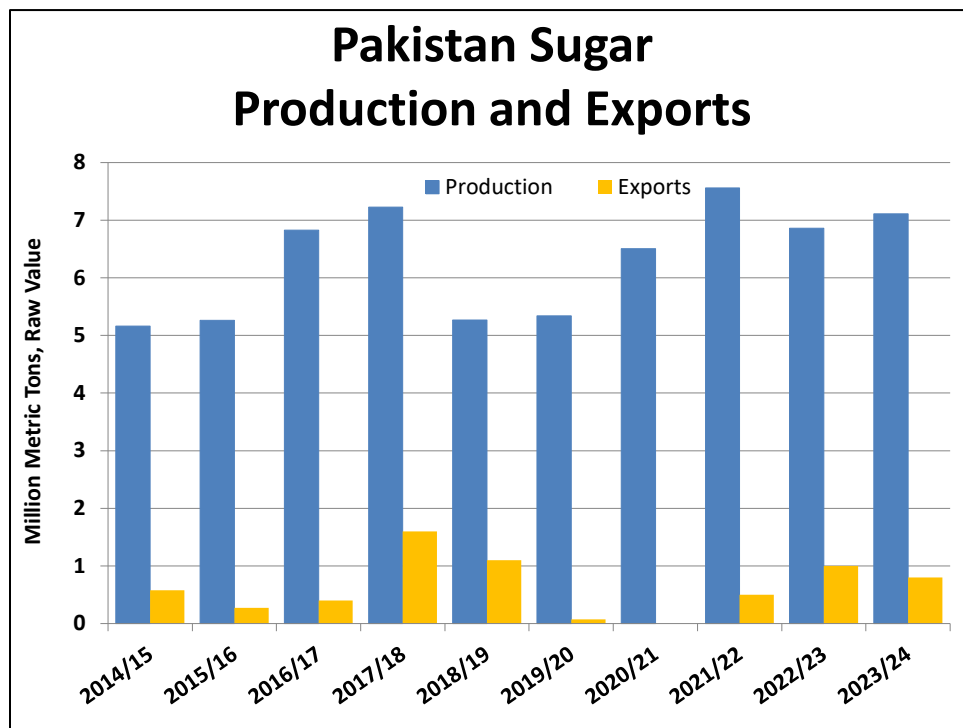


Sugar: World Markets and Trade

Pakistan Sugar Production Rebounds From Floods

Pakistan sugar production for 2023/24 is forecast to rise 250,000 tons to 7.1 million due to the recovery in sugarcane area harvested from the flood-damaged crop the year before. Sugarcane production is forecast up 3 percent to 83.5 million tons due to the expected recovery in area. Favorable prices are encouraging farmers to maintain sugarcane area vis-à-vis planting other crops. Farmers' preference to plant sugarcane is also due to the crop's resiliency to weather hazards compared to alternative crops. Sugarcane is produced in three provinces, with Punjab accounting for 68 percent of total production, followed by Sindh with 24 percent, and Khyber Pakhtunkhwa (KPK) with 8 percent. The Bahawalpur division of Punjab and the Sukkur division of Sindh account for more than half of the total sugarcane area. Sugarcane is planted in two different seasons: spring planting runs from February to March and the fall season is from September to October. Punjab and Sindh farmers plant sugarcane in both seasons, while most cane in KPK is planted in spring. Yields per hectare are relatively low due to lack of high yielding varieties, water shortages, and uneven fertilizer distribution.

Pakistan has been one of the top eight sugar producers for the past 3 years and is forecast to be the seventh largest exporter in 2023/24. Sugar consumption is estimated up 150,000 tons to 6.3 million supported by population growth and higher supplies. Despite the rise in production, sugar exports are forecast down 200,000 tons to 800,000 as the government seeks to curb exports. Fearing domestic price increases, the government is expected to be reluctant to approve too many exports this year by monitoring the market situation on a fortnightly basis to decide on the timing and quantity of exports. Stocks are expected to be flat.



****Please note that the measurement unit is metric tons (tons) raw value****

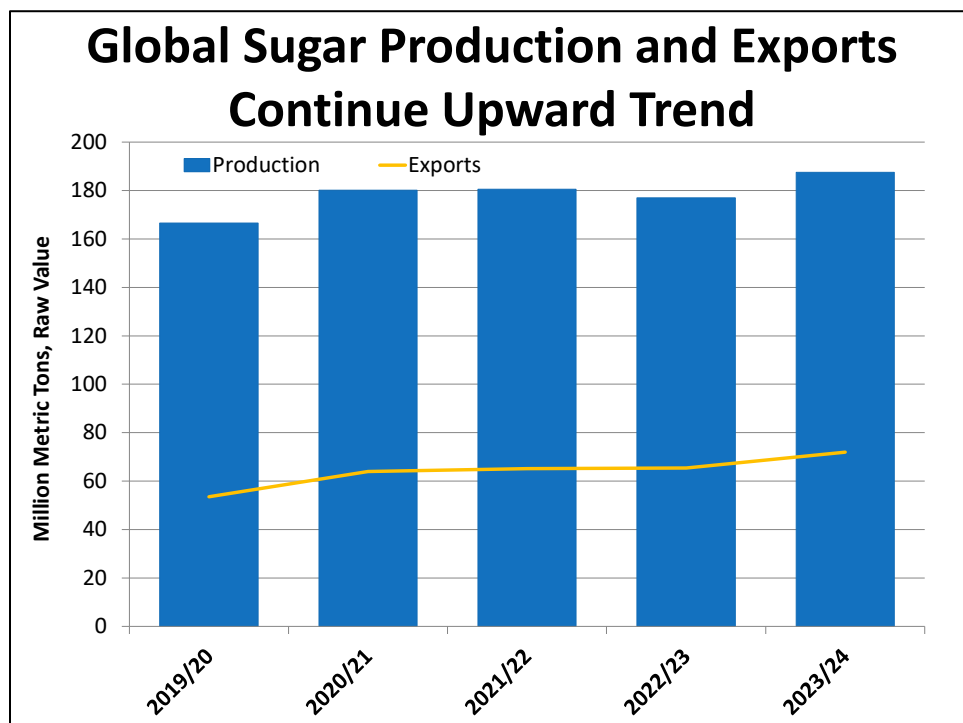
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2023/24 Sugar Overview

Global production is forecast up 10.6 million tons to 187.9 million with higher production in Brazil and India expected to more than offset a decline in Russia. Consumption is anticipated to rise to a new record due to growth in markets such as India and Pakistan. Exports are forecast higher as Brazil, India, and Thailand are expected to offset lower exports from Pakistan. Stocks are forecast lower in markets including China, to help meet domestic demand, and India and Thailand in favor of higher exports.



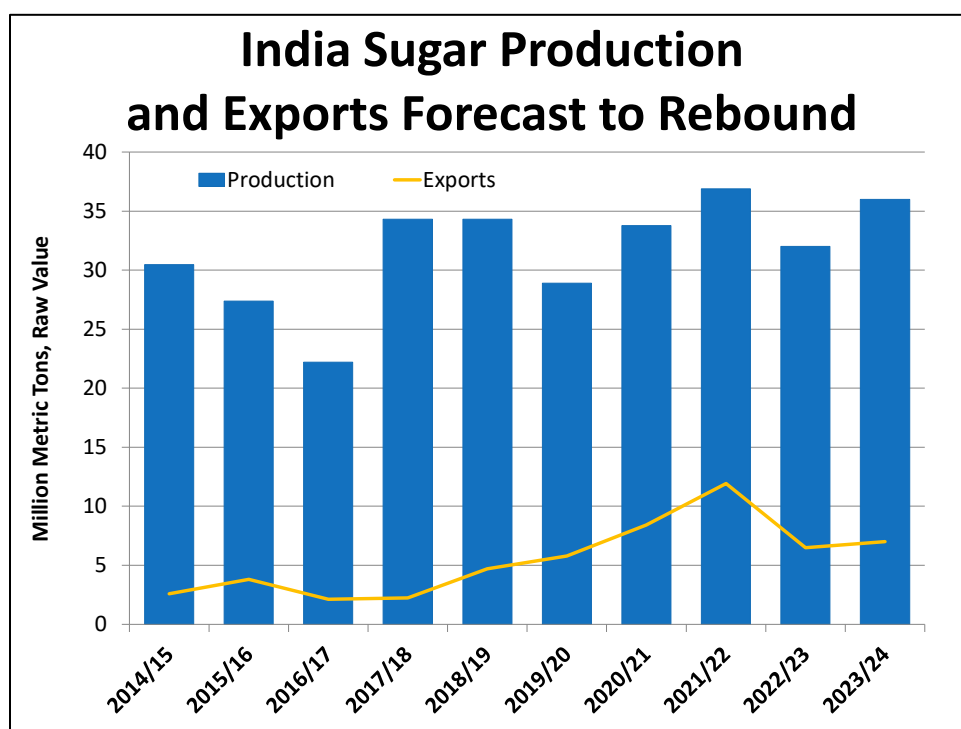
U.S. production is estimated down slightly at 8.4 million tons. Imports are forecast down 4 percent to 3.0 million tons based on projected quota programs set at minimum levels consistent with World Trade Organization and free-trade agreement obligations, and on projected imports from Mexico, re-exports, and high-tier tariff imports. Consumption is practically unchanged while stocks are reduced with the lower production and imports.

Brazil production is forecast up 4.0 million tons to a near-record 42.0 million as favorable weather and increased area are expected to result in additional sugarcane available for crushing. Favorable sugar prices encouraged farmers to use their land for growing sugarcane instead of grains. The sugar/ethanol production mix is expected to favor sugar relative to the previous season going from 45 percent sugar to 48 percent and from 55 percent ethanol to 52 percent. Consumption is flat while stocks and record exports are projected to rise with higher supplies.

European Union production is forecast up 576,000 tons to 15.5 million as sugarbeet production rebounds compared to the drought-affected crop the year before. In addition, increased sugarbeet plantings in member states such as Poland, Spain, Romania, Slovakia, and Hungary are expected to more than offset reduced acreage in France. The ruling by the European Court of Justice (ECJ) to not allow

Member States to grant temporary emergency authorizations for the use of banned neonicotinoids¹ on sugarbeet is forcing many French farmers to opt for alternative crop planting for 2023/24. On the other hand, sugarbeet remains a valid cropping opportunity for Polish farmers facing corn flowing from Ukraine and the low profitability of wheat. Consumption is forecast unchanged. Imports are down with the higher production, while exports are flat, and stocks are expected up.

India production is estimated up 4.0 million tons to 36.0 million on higher sugarcane area and yields. Consumption is anticipated to be up on increased demand from bulk buyers and processed food manufacturers. Imports are forecast unchanged while exports are expected to rise only slightly on the likelihood that the government maintains export caps to control inflation. Stocks are estimated down as a result of lower beginning stocks and higher consumption.



Thailand production is forecast to increase slightly to 11.2 million tons. Consumption is expected up in line with anticipated economic recovery and tourism that will drive the domestic demand for sugar. Both household and industrial uses are expected higher, especially for food and beverage manufacturers that account for around 40 percent of total sugar consumption. Exports are forecast at a record high while stocks are expected to drop sharply following strong domestic and export demand.

Australia production is forecast to increase 200,000 tons to 4.4 million due to an expected rise in area harvested, sugarcane crushed, and slightly improved yield. Consumption is expected to increase in line with population growth and higher available supplies. Exports are also forecast up with the higher available supplies.

¹ Neonicotinoids are used to contain the attacks of aphids that can spread the beet yellow virus (BYV) which can cause dramatic yield losses.

China production is up 1.0 million tons to 10.0 million as favorable weather is expected to result in higher sugarcane yields. Consumption is forecast up on the assumption that China's economy will continue recovering and consumer spending will increase. Imports are forecast to rise to fill the gap between supply and demand, despite higher domestic production. Stocks are forecast to continue trending downward as China also sources from its stocks to support rising consumption.

Mexico production is forecast 10 percent higher to 6.3 million tons due to favorable weather and lower fertilizer costs. Consumption and stocks are expected to be up slightly with the production increase. Exports are forecast to rise on higher available supplies with exports to the United States set by the level of U.S. Needs as defined in the amended Suspension Agreements.

Egypt production is forecast up 25,000 tons to a record 2.8 million on higher sugarbeet area. The rise in area is attributed to increased sugarbeet demand with the establishment of new processing plants. Consumption is up with population growth and expansion of the confectionary food products sector. Imports are expected to be up to help fill the gap between production and the demand for rising consumption.

Indonesia production is estimated up 200,000 tons to a record 2.6 million due to greater area and higher yields resulting from favorable precipitation. Consumption is expected to be up in line with population growth and expected increase in demand from the food and beverage industry. Imports are lowered with the higher production. Rising consumption and lower imports are expected to reduce stocks.

Turkey production is forecast unchanged from the previous year at 3.0 million tons. Consumption, imports, exports, and stocks are also expected to be unchanged.

Russia production is forecast down 12 percent to 6.3 million tons on lower area and yields. Consumption, exports, and stocks are expected to drop with the reduced supplies.

Selected MY 2022/23 Revisions from November 2023 Forecast:

- Global production is down 5.9 million tons to 177.3 million.
 - o Russia is up 684,000 tons to 7.2 million due to favorable weather, higher area, and greater sugarbeet yields.
 - o Mexico is down 546,000 tons to 5.7 million due to unfavorable weather and high fertilizer costs.
 - o China is lowered 1.0 million tons to 9.0 million due to lower sugar cane production as a result of reduced rainfall in Guangxi.
 - o The European Union is down 1.3 million tons to 14.9 million due to a drought-affected sugarbeet crop lowering sugarbeet yields.
 - o India is revised down 3.8 million tons to 32.0 million due to poor sugarcane yields as a result of a lack of rainfall.
- Global imports are flat at 57.5 million tons.
 - o The European Union is raised 1.0 million tons to 3.0 million on higher imports from Ukraine and Brazil.
 - o Ethiopia is lowered nearly a quarter to 1.3 million tons on lower imports from India.

- Bangladesh is lowered 19 percent to 2.3 million tons on lower imports from Brazil.
- Global exports are reduced 3.2 million tons to 66.1 million.
 - Ukraine is raised 610,000 tons to 710,000 with higher exports to the European Union.
 - Australia is lowered 300,000 tons to 3.3 million with a decline in production resulting in lower exports to South Korea.
 - The European Union is down 30 percent to 913,000 tons due to reduced production.
 - India is lowered 2.9 million tons to 6.5 million due to reduced available supplies.
- Global ending stocks are raised 2.4 percent to 39.5 million tons.
 - Thailand stocks climb 2.4 million tons to 6.2 million on higher beginning stocks and production.
 - Philippines is raised 530,000 tons to 1.5 million tons on higher imports.
 - India is lowered 17 percent to 6.5 million tons due to a drop in production and higher consumption.
 - China is lowered 1.6 million tons to 2.7 million as lower production encourages the need to draw from stocks to meet demand.

For further information, please contact Reed Blauer at (202) 720-0898 or Reed.Blauer@usda.gov

Please note that the measurement unit is metric tons (tons) raw value using Harmonized Tariff Code contained within 1701.

Future Releases and Contact Information

The next release of this circular is scheduled for November 21, 2023. To receive the circular via email, go to: <https://public.govdelivery.com/accounts/USDAFAS/subscriber/new>. Please visit <https://www.fas.usda.gov/data/sugar-world-markets-and-trade> to view archived and future releases.

The *Sugar: World Markets and Trade* circular is based on reports from FAS Overseas Posts and on available secondary information. The individual country reports can be obtained on FAS Online at: <https://gain.fas.usda.gov/Pages/Default.aspx>.

European Union definition: includes 27 countries in the customs union (Austria, Belgium/Luxembourg, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, and Sweden).

PSD Online

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

Additional Resources

Please refer to the USDA-FAS Sugar website at: <https://www.fas.usda.gov/commodities/sugar> for additional data and analysis.

Situation and outlook information on U.S. sugar and sweeteners can be obtained from the USDA-Economic Research Service at: <http://www.ers.usda.gov/topics/crops/sugar-sweeteners.aspx>.

Sugar Marketing Years -

Countries are on a May-April Marketing Year with exceptions noted below.

April-March – Brazil

July-June – Australia

September-August - Philippines

October-September – Barbados, Belarus, Belize, Bolivia, China, Colombia, Costa Rica, Cuba, Dominican Republic, Egypt, El Salvador, European Union-27, Guatemala, Guyana, Honduras, India, Iran, Mexico, Morocco, Nicaragua, Pakistan, Panama, Russia, Serbia, Sudan, Turkey, United Kingdom, Ukraine, United States, Venezuela, and Vietnam

December-November – Thailand

World Centrifugal Sugar: Production and Consumption

1,000 Metric Tons, Raw Value

	2018/19	2019/20	2020/21	2021/22	2022/23	May 2023/24
Production						
Brazil	29,500	30,300	42,050	35,450	38,050	42,010
India	34,300	28,900	33,760	36,880	32,000	36,000
European Union	16,750	17,040	15,216	16,497	14,899	15,475
Thailand	14,581	8,294	7,587	10,157	11,040	11,200
China	10,760	10,400	10,600	9,600	9,000	10,000
United States	8,164	7,392	8,376	8,307	8,420	8,369
Pakistan	5,270	5,340	6,505	7,560	6,860	7,110
Russia	6,080	7,800	5,625	6,000	7,184	6,336
Mexico	6,812	5,596	6,058	6,556	5,708	6,254
Australia	4,725	4,285	4,335	4,120	4,200	4,400
Turkey	2,700	2,750	3,100	2,650	3,000	3,000
Egypt	2,405	2,740	2,780	2,855	2,760	2,785
Indonesia	2,200	2,250	2,130	2,300	2,400	2,600
Guatemala	2,966	2,764	2,565	2,575	2,558	2,575
Colombia	2,400	2,350	2,240	2,300	2,300	2,350
South Africa	2,257	2,295	2,106	1,906	1,994	2,174
Philippines	2,100	2,150	2,143	1,800	1,830	1,900
Argentina	1,570	1,750	1,830	1,700	1,670	1,690
Iran	1,520	1,010	1,535	1,600	1,550	1,600
Ukraine	1,753	1,638	1,240	1,450	1,330	1,510
Peru	1,262	1,197	1,197	1,260	1,320	1,300
United Kingdom	1,133	1,191	985	1,025	1,040	1,050
Vietnam	1,300	850	750	820	950	975
Japan	780	825	815	810	810	810
El Salvador	788	827	784	807	785	805
Other	15,082	14,625	13,802	13,598	13,621	13,603
Total	179,158	166,559	180,114	180,583	177,279	187,881
Human Dom. Consumption						
India	27,500	27,000	28,000	29,000	29,500	31,000
European Union	17,000	17,000	16,700	17,000	17,000	17,000
China	15,800	15,400	15,500	14,800	15,500	15,600
United States	10,982	11,109	11,032	11,314	11,498	11,499
Brazil	10,600	10,650	10,150	9,500	9,500	9,542
Indonesia	7,055	7,356	7,445	7,600	7,800	7,900
Russia	6,110	6,820	5,804	6,350	6,500	6,450
Pakistan	5,400	5,540	5,750	6,000	6,150	6,300
Mexico	4,317	4,349	4,171	4,342	4,330	4,414
Egypt	3,100	3,250	3,340	3,430	3,320	3,400
Turkey	2,784	2,999	2,914	3,020	3,400	3,400
Thailand	2,480	2,360	2,350	3,000	3,100	3,210
Bangladesh	2,519	2,480	2,416	2,769	2,428	2,680
Iran	2,450	2,176	2,821	2,613	2,554	2,590
Vietnam	1,597	2,064	2,074	2,269	2,439	2,529
Philippines	2,300	2,300	2,275	2,300	2,000	2,200
Malaysia	1,991	1,877	1,823	1,675	1,785	2,000
Ethiopia	832	787	1,642	2,057	1,825	1,965
Japan	1,980	1,965	1,883	1,827	1,870	1,910
Algeria	2,080	2,124	1,936	1,889	1,682	1,897
Colombia	1,858	1,862	1,850	1,865	1,880	1,890
Sudan	1,627	1,958	1,589	1,729	1,789	1,844
South Africa	1,770	1,520	1,670	1,710	1,750	1,776
Korea, South	1,668	1,623	1,614	1,688	1,690	1,740
Nigeria	1,610	1,620	1,610	1,600	1,620	1,600
Other	34,584	33,063	33,139	32,314	33,097	33,709
Total	171,994	171,252	171,498	173,661	176,007	180,045

World Centrifugal Sugar: Imports and Exports

1,000 Metric Tons, Raw Value

	2018/19	2019/20	2020/21	2021/22	2022/23	May 2023/24
Exports						
Brazil	19,600	19,280	32,150	25,950	28,200	32,398
Thailand	10,612	6,695	3,739	7,012	11,000	12,000
India	4,700	5,800	8,406	11,927	6,500	7,000
Australia	3,735	3,600	3,400	3,120	3,270	3,600
Guatemala	2,125	1,858	1,395	1,651	1,657	1,662
Mexico	2,337	1,285	1,235	1,777	1,134	1,376
United Arab Emirates	209	187	792	909	940	960
European Union	2,411	1,459	1,278	1,218	913	905
Pakistan	1,100	75	0	500	1,000	800
Morocco	497	664	681	782	775	780
Saudi Arabia	353	429	370	583	700	750
Colombia	801	778	669	663	670	680
South Africa	1,041	1,451	1,007	595	635	650
Eswatini	582	778	634	524	545	581
Russia	402	1,505	429	431	601	551
El Salvador	532	508	529	546	524	544
Nicaragua	534	497	508	526	470	526
Indonesia	0	11	97	449	440	450
Algeria	208	334	364	366	360	365
Nigeria	300	300	300	350	350	355
Mauritius	347	396	369	324	335	335
Egypt	200	300	300	300	300	300
Malaysia	123	109	329	316	290	300
Korea, South	306	313	320	280	260	280
China	205	189	132	160	202	250
Other	5,011	4,735	4,492	3,696	4,014	3,706
Total	58,271	53,536	63,925	64,955	66,085	72,104
Imports						
Indonesia	5,362	4,758	6,124	5,466	5,800	5,630
China	4,086	3,808	6,379	5,000	4,400	5,000
United States	2,785	3,778	2,922	3,308	3,126	2,994
Bangladesh	2,429	2,397	2,351	2,807	2,330	2,700
European Union	2,374	2,235	1,792	1,999	3,000	2,500
Malaysia	2,139	1,966	2,142	1,961	2,100	2,340
Algeria	2,328	2,468	2,257	2,245	2,001	2,301
Korea, South	1,999	1,926	1,934	1,983	1,950	2,025
Saudi Arabia	1,342	1,420	1,488	1,517	1,720	1,950
Nigeria	1,870	1,890	1,880	1,930	1,950	1,930
United Arab Emirates	1,579	751	1,785	1,563	1,750	1,875
Morocco	1,100	1,328	1,407	1,531	1,503	1,603
Vietnam	303	1,312	1,325	1,490	1,520	1,575
Ethiopia	532	432	1,462	1,737	1,340	1,550
Canada	1,268	1,245	1,389	1,319	1,465	1,540
Iraq	1,180	1,196	1,107	1,278	1,315	1,370
Sudan	1,042	1,528	1,219	1,254	1,304	1,354
Japan	1,187	1,142	1,051	1,004	1,077	1,127
India	1,300	900	1,245	340	1,000	1,000
Iran	935	1,111	1,421	973	989	1,000
Egypt	860	830	830	830	830	930
Somalia	738	877	821	879	885	925
Yemen	667	770	941	466	775	875
Chile	449	648	532	654	640	640
Kazakhstan	345	482	478	483	580	625
Other	12,962	12,537	12,422	12,088	12,177	11,653
Total	53,161	53,735	58,704	56,105	57,527	59,012

World Centrifugal Sugar: Ending Stocks

1,000 Metric Tons, Raw Value

	2018/19	2019/20	2020/21	2021/22	2022/23	May 2023/24
Ending Stocks						
India	17,614	14,614	13,213	9,506	6,506	5,506
Pakistan	1,920	1,685	2,752	3,812	3,522	3,532
Indonesia	2,300	1,941	2,653	2,370	2,330	2,210
Thailand	8,330	7,569	9,067	9,212	6,152	2,142
China	5,408	4,027	5,374	5,014	2,712	1,862
European Union	1,260	2,076	1,106	1,384	1,370	1,440
Philippines	1,234	1,289	1,196	931	1,461	1,358
United States	1,618	1,468	1,547	1,652	1,573	1,310
Mexico	1,239	910	1,116	1,022	943	951
Brazil	220	590	340	340	690	760
Russia	550	609	565	624	992	557
Bangladesh	510	495	485	553	485	540
Iran	485	430	565	525	510	520
Vietnam	320	415	415	455	485	505
Japan	495	495	475	460	475	500
Korea, South	415	405	405	420	420	425
Zimbabwe	36	60	82	186	295	406
Malaysia	395	375	365	335	360	400
Ethiopia	165	160	330	410	365	390
Algeria	420	430	387	377	336	375
Sudan	325	395	320	345	360	370
Ecuador	389	351	324	359	344	339
Costa Rica	278	290	299	325	335	330
Canada	265	250	280	272	295	315
Ukraine	58	273	369	504	119	313
Other	6,578	6,050	6,209	5,979	6,030	6,099
Total	52,827	47,652	50,239	47,372	39,465	33,455