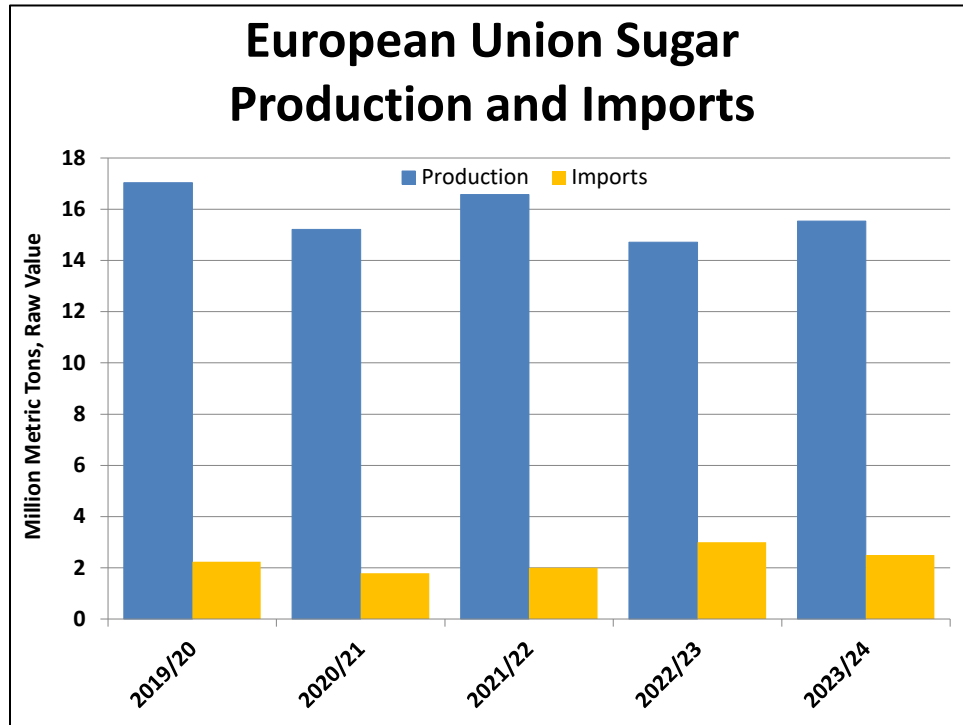


# Sugar: World Markets and Trade

## 2023/24 European Union Sugar Production Estimated Up Despite Lower Area in France

European Union beet sugar production for 2023/24 is forecast at 15.5 million tons from nearly 1.4 million hectares of sugarbeets. This would be a 3 percent increase in production compared to 2022/2023, despite a forecast 6 percent reduction of beet acreage in France. In the last 5 years, France accounted for 28 percent of total EU sugarbeet area harvested on average. However, the reduced beet acreage in France is forecast to be balanced by increased plantings mainly in Poland (+ 19 percent), Spain, Romania, Slovakia, and Hungary. On January 19, 2023, the European Court of Justice (ECJ) ruled that Member States cannot grant temporary emergency authorizations for the use of banned neonicotinoids on sugarbeets. This has caused many French farmers to switch to other crops.

Neonicotinoids are used to contain aphids that spread the beet yellow virus (BYV) a disease that can cause dramatic yield losses. There are no other reliable alternatives insecticides for this disease. In 2022, 14 Member States reportedly granted conditional derogation from the neonicotinoid ban for sugarbeet seed. Despite the lack of these crop protection products, the profitability of sugarbeet production in Poland is high relative to alternative crops such as wheat and corn. Two sugar processing plants are expected to resume operations in Romania and a potential increase in coupled support from the government could also boost beet plantings. Expected favorable prices will also encourage more farmers in Hungary and Spain to plant. The European Union is the third largest sugar producer behind Brazil and India and is estimated to be the fifth largest importer for the second year in a row.



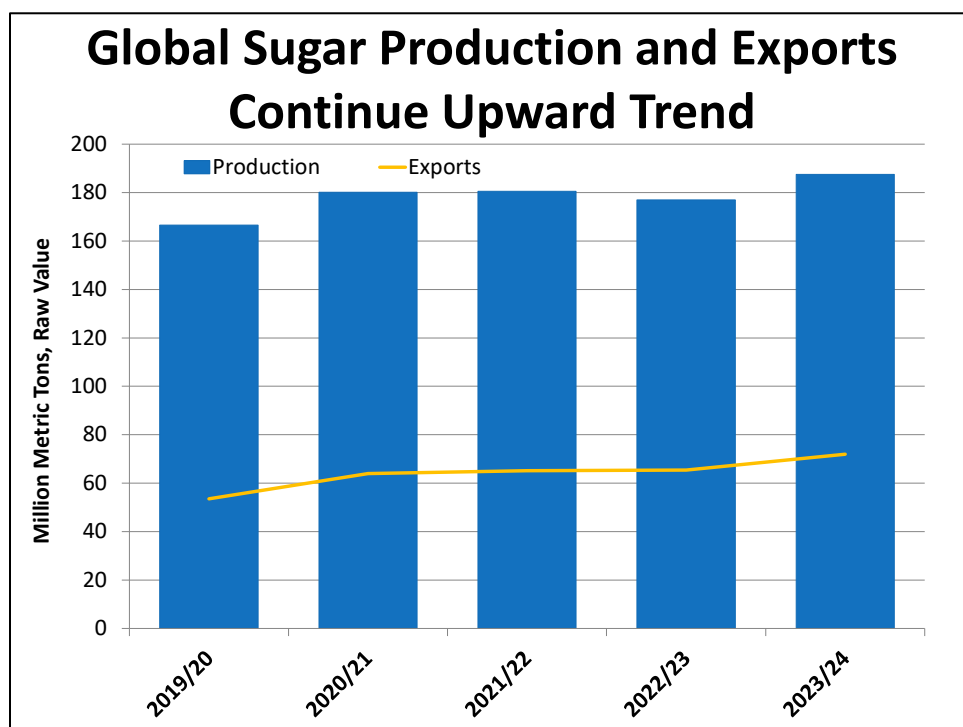
EU imports in 2023/24 are forecast to decrease 500,000 tons to 2.5 million tons. Imports in 2022/23 started at levels higher than the previous year's and continued to increase towards the end of 2022

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

when global prices significantly rose. There has been an influx of Ukrainian sugar due to the EU’s solidarity lanes initiative, measures taken to help export Ukrainian agricultural goods via all possible routes, and the current one-year temporary trade liberalization scheme that suspended tariffs and quotas on agri-food imports from Ukraine. Exports grew by 10 times, compared to the 44,000 tons in 2021/22. Exports for 2023/24 are forecast unchanged at 905,000 tons. These export levels reflect the continued limited domestic supplies in the EU, constrained by the summer drought and high EU prices. The main EU export destinations are the United Kingdom, Israel, Albania, Turkey, and Switzerland. Stocks are forecast at 1.4 million tons, 10 percent more than the year before.

## 2023/24 Sugar Overview

**Global** production is estimated up 8.2 million tons year-over-year to 183.5 million with higher production for Brazil and India expected to more than offset a decline for Thailand and Pakistan. Consumption is anticipated to rise to a new record due to growth in markets including India and Pakistan. Exports are estimated higher as Brazil and Thailand are expected to more than offset lower shipments from India and Pakistan. Stocks are estimated lower to help meet domestic demand and higher exports from markets including Brazil and Thailand.

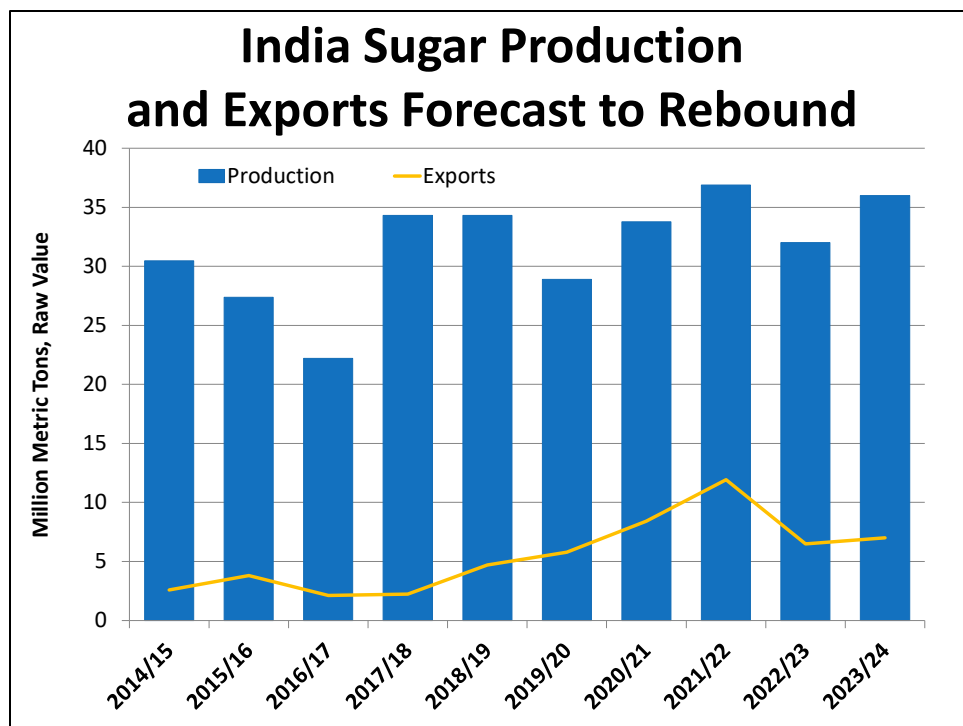


**U.S.** production is estimated flat at 8.4 million tons. Imports are estimated down 10 percent to 2.8 million tons based on projected quota programs set at minimum levels consistent with World Trade Organization and free-trade agreement obligations, and on projected imports from Mexico, re-exports, and high-tier tariff imports. Consumption is up slightly while stocks are reduced with the lower imports, modest growth in consumption, and decline in production.

**Brazil** production is estimated up 3.0 million tons to a near-record 41.0 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; sugar will rise from 48 to 49 percent and ethanol will fall from 52 to 51 percent. Consumption and stocks are down while record exports are projected with the higher supplies.

**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. Exports are forecast lower on the likelihood that the government maintains export caps to control food inflation and to meet the demand for domestic consumption. Stocks are estimated flat as a result of lower beginning stocks and higher consumption.



**China** production is anticipated up 1.0 million tons to 10.0 million as favorable weather is expected to result in higher sugarcane yields. Consumption is estimated unchanged. Imports are expected to rise to help fill the gap between supply and demand but total supply remains tight due to curbed imports related to high world prices. Stocks are projected down 50 percent due to lower beginning stocks and as China sources from stocks to support consumption.

**Thailand** production is estimated to drop 1.7 million tons to 9.4 million due to drought during the intensive growth stage. Consumption is expected up in line with anticipated economic recovery and tourism that will boost domestic demand for sugar. Exports are estimated higher and are expected to exceed production, while stocks are projected to drop sharply following strong domestic and export demand.

**Pakistan** production is estimated to drop 600,000 tons to 6.3 million on lower sugarcane harvested area as competing crops replace sugarcane. Sugar consumption is estimated up in line with population growth. Due to the expected decline in output, imports are forecast to climb to 500,000 tons. Exports

are estimated to fall on lower production and strong domestic demand. In addition, to ensure supplies for domestic needs, the government is likely to discourage sugar exports to neighboring Afghanistan.

**Mexico** production is estimated 2 percent higher to 5.7 million tons due to higher yields as a result of reduced fertilizer prices and application but below 2021/22 production due to continued widespread drought conditions in several sugarcane-producing states. Consumption is estimated down with higher exports and stocks.

**Turkey** production is estimated up slightly to 3.1 million tons due to favorable growing conditions which is expected to boost yields. Consumption is flat and imports are down with the increase in production. Stocks are estimated to be unchanged.

**South Africa** production is estimated up 178,000 tons to 2.2 million due to favorable weather and higher sugarcane yields. Consumption is up based on population growth and higher demand from the local food processing industry. Exports are up on the higher exportable supplies and strong global demand.

**Philippines** production is flat for a second year in a row at 1.8 million tons. Exports are estimated to remain at zero following the Philippine Sugar Regulatory Administration allocating all production to domestic consumption. Stocks are down on higher consumption and stable production.

***Selected MY 2022/23 Revisions from May 2023 Forecast:***

- Global production is down 4.4 million tons to 175.3 million.
  - o Russia is down 8 percent to 6.6 million tons due to lower yields.
  - o Mexico is reduced 3 percent to 5.5 million tons due to unfavorable weather and drought.
  - o The European Union is down 1 percent to 14.7 million tons due to lower sugarbeet yields as a result of drought.
- Global imports are flat at 57.4 million tons.
  - o Sudan is raised 293,000 tons to 1.6 million on higher imports from India and Thailand.
  - o Mexico is increased 254,000 tons to 302,000 tons due to lower production.
  - o China is lowered 600,000 tons to 3.8 million as high world prices make it more profitable to meet demand by reducing stocks.
- Global exports are reduced 1.8 million tons to 64.3 million.
  - o India is revised up 933,000 tons to 7.4 million as exports exceeded the export cap.
  - o Algeria is lowered 279,000 tons on lower exports to the European Union and Jordan.
  - o Thailand is lowered 1.5 million tons to 9.5 million as buyers are cautious in making purchases due to high world prices.
- Global ending stocks are raised 2.4 percent to 3.9 million tons.
  - o Thailand stocks climb 1.5 million tons to 7.7 million on lower exports.
  - o China is lowered 621,000 tons to 2.1 million on reduced imports.
  - o India is lowered 18 percent to 5.3 million tons due to higher exports.

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

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

#### Future Releases and Contact Information

The next release of this circular is scheduled for May 2024. 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>.

#### Harmonized Codes and Conversion Rates

Sugar – Metric Tons (Raw Value)		
HS code	Description	Conversion Rate
170111	Cane sugar, raw, in solid form, not containing added flavoring or coloring matter	1.00
170112	Beet sugar, raw, in solid form, not containing added flavoring or coloring matter	1.00
170113	Raw cane sugar specified in subheading note 2 to this chapter	1.00
170114	Cane sugar, raw, in solid form, not containing added flavoring or coloring matter, nesoi	1.00
170191	Cane/beet sugar, refined, solid, containing added flavoring coloring	1.07 cane 1.087 beet
170199	Cane/beet sugar chem pure sucrose refined nesoi	1.07 cane 1.087 beet

#### 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**

	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>May 2023/24</b>	<b>Nov 2023/24</b>
<b>Production</b>						
Brazil	30,300	42,050	35,450	38,050	42,010	41,000
India	28,900	33,760	36,880	32,000	36,000	36,000
European Union	17,040	15,216	16,577	14,710	15,475	15,532
China	10,400	10,600	9,600	8,960	10,000	10,000
Thailand	8,294	7,587	10,157	11,059	11,200	9,400
United States	7,392	8,376	8,307	8,391	8,369	8,372
Russia	7,800	5,625	6,000	6,100	6,336	6,600
Pakistan	5,340	6,505	7,560	6,860	7,110	6,260
Mexico	5,596	6,058	6,556	5,537	6,254	5,650
Australia	4,285	4,335	4,120	4,200	4,400	4,100
Turkey	2,750	3,100	2,650	2,900	3,000	3,050
Egypt	2,740	2,780	2,855	2,760	2,785	2,785
Indonesia	2,250	2,130	2,300	2,400	2,600	2,600
Guatemala	2,764	2,565	2,575	2,558	2,575	2,575
Colombia	2,350	2,240	2,300	2,300	2,350	2,350
South Africa	2,295	2,106	1,906	1,996	2,174	2,174
Philippines	2,150	2,143	1,800	1,799	1,900	1,800
Argentina	1,750	1,830	1,700	1,670	1,690	1,690
Iran	1,010	1,535	1,600	1,550	1,600	1,600
Ukraine	1,638	1,240	1,450	1,330	1,510	1,510
Peru	1,197	1,197	1,260	1,320	1,300	1,300
Vietnam	850	750	820	950	975	975
United Kingdom	1,191	985	1,025	805	1,050	950
Japan	825	815	810	810	810	810
El Salvador	827	784	807	785	805	805
Other	14,625	13,802	13,598	13,507	13,603	13,573
<b>Total</b>	<b>166,559</b>	<b>180,114</b>	<b>180,663</b>	<b>175,307</b>	<b>187,881</b>	<b>183,461</b>
<b>Human Dom. Consumption</b>						
India	27,000	28,000	29,000	29,567	31,000	30,506
European Union	17,000	16,700	17,000	17,000	17,000	17,000
China	15,400	15,500	14,800	15,500	15,600	15,500
United States	11,109	11,032	11,314	11,315	11,499	11,363
Brazil	10,650	10,150	9,500	9,500	9,542	8,800
Indonesia	7,356	7,445	7,600	7,800	7,900	7,900
Pakistan	5,540	5,750	6,000	6,200	6,300	6,400
Russia	6,820	5,804	6,350	5,828	6,450	6,235
Mexico	4,349	4,171	4,342	4,475	4,414	4,503
Egypt	3,250	3,340	3,430	3,320	3,400	3,400
Turkey	2,999	2,914	3,020	3,340	3,400	3,390
Thailand	2,360	2,350	3,000	3,100	3,210	3,210
Iran	2,176	2,821	2,701	2,649	2,590	2,610
Vietnam	2,064	2,059	2,149	2,424	2,529	2,529
Bangladesh	2,480	2,392	2,807	2,235	2,680	2,360
Philippines	2,300	2,275	2,300	2,000	2,200	2,200
Japan	1,965	1,883	1,827	1,837	1,910	1,920
Algeria	2,124	1,937	1,888	1,901	1,897	1,913
Colombia	1,862	1,850	1,865	1,880	1,890	1,890
Sudan	1,958	1,856	1,667	2,022	1,844	1,884
United Kingdom	1,761	1,623	1,751	1,688	1,488	1,818
Malaysia	1,877	1,823	1,675	1,889	2,000	1,798
South Africa	1,520	1,670	1,710	1,750	1,776	1,776
Ethiopia	787	1,642	2,057	1,738	1,965	1,692
Nigeria	1,620	1,610	1,600	1,620	1,600	1,600
Other	32,925	33,286	32,283	33,802	33,961	34,234
<b>Total</b>	<b>171,252</b>	<b>171,883</b>	<b>173,636</b>	<b>176,380</b>	<b>180,045</b>	<b>178,431</b>

## World Centrifugal Sugar: Imports and Exports

1,000 Metric Tons, Raw Value

	2019/20	2020/21	2021/22	2022/23	May 2023/24	Nov 2023/24
<b>Exports</b>						
Brazil	19,280	32,150	25,950	28,200	32,398	32,500
Thailand	6,695	3,739	7,012	9,500	12,000	10,000
India	5,800	8,406	11,927	7,433	7,000	6,500
Australia	3,600	3,400	3,120	3,250	3,600	3,300
Guatemala	1,858	1,395	1,651	1,657	1,662	1,662
Mexico	1,285	1,235	1,777	1,072	1,376	1,114
United Arab Emirates	187	792	909	940	960	960
European Union	1,459	1,278	1,217	905	905	905
South Africa	1,451	1,007	548	722	650	770
Morocco	664	681	782	710	780	720
Colombia	778	669	663	670	680	680
Saudi Arabia	429	370	583	706	750	680
Eswatini	778	634	524	545	581	581
Russia	1,505	429	431	601	551	551
El Salvador	508	529	546	524	544	544
Nicaragua	497	508	526	470	526	526
Indonesia	11	97	449	440	450	450
Nigeria	300	300	350	350	355	355
Egypt	300	300	300	300	300	300
Korea, South	313	320	280	270	280	270
Pakistan	75	0	500	1,000	800	250
Ukraine	125	61	70	710	250	250
Mauritius	396	369	320	240	335	240
Belarus	442	214	202	215	215	215
Argentina	202	243	327	195	200	200
Other	4,598	4,732	3,839	2,691	3,956	2,886
<b>Total</b>	<b>53,536</b>	<b>63,858</b>	<b>64,803</b>	<b>64,316</b>	<b>72,104</b>	<b>67,409</b>
<b>Imports</b>						
Indonesia	4,758	6,124	5,466	5,800	5,630	5,630
China	3,808	6,379	5,000	3,800	5,000	4,600
United States	3,778	2,922	3,308	3,152	2,994	2,840
European Union	2,235	1,792	1,998	3,000	2,500	2,500
Bangladesh	2,397	2,320	2,859	2,090	2,700	2,350
Saudi Arabia	1,420	1,488	1,517	1,860	1,950	2,015
Algeria	2,468	2,258	2,245	1,985	2,301	2,000
Malaysia	1,966	2,142	1,961	2,127	2,340	1,975
Nigeria	1,890	1,880	1,930	1,950	1,930	1,930
United Arab Emirates	751	1,785	1,563	1,750	1,875	1,875
Korea, South	1,926	1,934	1,983	1,819	2,025	1,775
Morocco	1,328	1,407	1,531	1,603	1,603	1,623
Vietnam	1,312	1,307	1,353	1,520	1,575	1,575
Iraq	1,196	1,109	1,278	1,360	1,370	1,395
Canada	1,245	1,389	1,319	1,380	1,540	1,385
Sudan	1,528	1,536	1,127	1,597	1,354	1,354
Ethiopia	432	1,462	1,737	1,238	1,550	1,240
Japan	1,142	1,051	1,004	1,034	1,127	1,127
India	900	1,245	340	800	1,000	1,000
Iran	1,111	1,421	1,081	1,074	1,000	1,000
United Kingdom	760	692	797	940	480	950
Egypt	830	830	830	830	930	930
Somalia	877	821	880	929	925	840
Chile	648	532	654	593	640	640
Taiwan	718	562	573	580	590	605
Other	12,311	12,708	11,599	12,598	12,083	12,718
<b>Total</b>	<b>53,735</b>	<b>59,096</b>	<b>55,933</b>	<b>57,409</b>	<b>59,012</b>	<b>57,872</b>



## World Centrifugal Sugar: Ending Stocks

1,000 Metric Tons, Raw Value

	2019/20	2020/21	2021/22	2022/23	May 2023/24	Nov 2023/24
<b>Ending Stocks</b>						
India	14,614	13,213	9,506	5,306	5,506	5,300
Thailand	7,569	9,067	9,212	7,671	2,142	3,861
Pakistan	1,685	2,752	3,812	3,472	3,532	3,582
Indonesia	1,941	2,653	2,370	2,330	2,210	2,210
United States	1,468	1,547	1,652	1,701	1,310	1,423
European Union	2,076	1,106	1,464	1,269	1,440	1,396
Philippines	1,289	1,196	931	1,465	1,358	1,322
China	4,027	5,374	5,014	2,091	1,862	1,008
Mexico	910	1,116	1,022	885	951	954
Russia	609	565	624	580	557	624
Iran	430	565	545	520	520	510
Vietnam	415	412	435	480	505	500
Japan	495	475	460	465	500	480
Bangladesh	495	478	560	445	540	470
Zimbabwe	60	82	186	295	406	406
Brazil	590	340	340	690	760	390
Korea, South	405	405	420	395	425	385
Algeria	430	387	377	380	375	382
Sudan	395	370	330	405	370	375
Malaysia	375	365	335	380	400	360
Ecuador	351	324	359	344	339	339
Ethiopia	160	330	410	350	390	338
Costa Rica	290	299	325	335	330	330
Ukraine	273	369	504	119	313	313
Australia	38	135	294	384	294	294
Other	6,262	6,388	6,044	6,105	6,120	6,129
<b>Total</b>	<b>47,652</b>	<b>50,313</b>	<b>47,531</b>	<b>38,862</b>	<b>33,455</b>	<b>33,681</b>