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2012 Outlook of the U.S. and World Sugar Markets, 2011-2021

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TABLE OF CONTENTS

List of Tables	ii
List of Figures	ii
Abstract	iii
Highlights	iv
Introduction	1
Overview of the World Sugar Industry and Sugar Policies	2
U.S. Sugar Programs and Policies	
Outlook for the World Sugar Industry	8
United States Exporters Importers	10
Concluding Remarks	16
References	18
Appendix	19

LIST OF TABLES

N	<u>o.</u>	<u>Page</u>
1.	World Sugar Supply and Utilization, 2007 to 2011 Average	2
2.	U.S. Sugar Production, Consumption, Exports, and Carry-over Stocks, 2011-2021 Average	10
3.	Sugar Production, Consumption, Exports, and Carry-over Stocks in Exporting Countries	s12
4.	Sugar Production, Consumption, Imports, and Carry-over Stocks in Importing Countries	s15

LIST OF FIGURES

No	<u>o.</u>	Page
1.	U.S. and World Sugar Price	3
2.	World Stocks to Use Ratio and Caribbean Raw Sugar Price, 1967-2011	4
3.	U.S. Beet and Cane Sugar Production	5
4.	U.S. Sugar Production and Imports	5
5.	U.S. Sugar Consumption and Ending Stocks	6
6.	Estimated U.S. and World Sugar Price	9
7.	Projected World Sugar Exports by Country	9
8.	Projected World Sugar Imports by Country, Major Importers	13
9.	Projected World Sugar Imports by Country, Asian Countries	13
10.	Projected World Sugar Imports by Country, African Countries	14

2012 Outlook of the U.S. and World Sugar Markets, 2011-2021 Richard D. Taylor and Won W. Koo

ABSTRACT

This report evaluates the U.S. and world sugar markets for 2011-2021 using the Global Sugar Policy Simulation Model. This analysis is based on assumptions about general economic conditions, agricultural policies, population growth, weather conditions, and technological changes.

Both the U.S. and world sugar economies are predicted to remain stable over the next ten years. Sugar prices increased from 18.7 cents/lb in 2009, 27 cents/lb in 2010 and 32 cent/lb in 2011. World sugar production increased in 2010 along with consumption. World demand for sugar is expected to grow at a similar rate to world supply, resulting in Caribbean sugar prices remaining near the 23.0 -28.0 cents/lb range throughout the forecast period. The U.S. wholesale price of sugar is projected to remain in the 38 to 45 cents/lb range throughout the forecast period. It is projected that Mexican exports to the United States will decrease to 488 thousand metric tons of sugar by 2021. World trade volumes of sugar are expected to increase throughout the forecast period.

Keywords: sugar, production, exports, consumption, ending stocks

HIGHLIGHTS

Total world sugar trade is projected to increase by 6.0% from 39.9 million metric tons to 42.2 million metric tons between 2011 and 2021. Brazil's exports are projected to increase from 23.8 million metric tons in 2011 to 26.1 million metric tons in 2021 even though Brazil uses a substantial amount of sugar cane for ethanol production. World sugar prices are projected to decrease from \$0.32/lb in 2011 to \$0.24/lb in 2021. U.S. wholesale sugar price is projected to decrease from \$0.47/lb in 2011 to \$0.39/lb in 2021. It is worth a note that the world sugar industry is influenced by the recent surge in oil price which resulted in increased ethanol production from sugar cane in Brazil. Thus, Brazil decreased supply of sugar to the world market. In addition, high demand for corn from corn-based ethanol production has increased the price of corn which prevents the use of high fructose corn syrup from beverage production in Mexico, resulted in continuous use of sugar for beverage production in the country.

U.S. sugar imports are predicted to decrease by 21.4% over the 2011-2021 period compared to the recent average import. U.S. sugar production is projected to increase by 13.1% between 2011 and 2021. U.S. sugar consumption is projected to increase by 14.8% and ending stocks are predicted to remain constant. However, the U.S. sugar industry could face some uncertainty, mainly because of potential increases in sugar imports from Mexico.

Brazil's production is expected to increase by 7.1% from the 2009-2011 average of 36.8 million metric tons to 39.4 million metric tons in 2021. Exports could increase by 6.1% to 26.1 million metric ton in 2021, while consumption increases by 13.2%.

Canada's production is predicted to increase slightly between 2011 and 2021. Canada's imports are expected to increase by 11.1%. Consumption is predicted to increase 12.2% and ending stocks are predicted to increase by 14.6%.

Mexico's production is expected to increase by 11.5%, and exports are expected to decrease slightly from the 2009-2011 average due to decreases in its exports to the United States.

The European Union (EU) is expected to remain an importer due to the EU-27 sugar policy reform. Their production is predicted to increase by 2.4%, while consumption will increase by 3.6%.

Exporting countries, such as Australia, Thailand, South Africa and Brazil are predicted to increase their production and exports during the forecasting period, while Cuba and Mexico are expected to reduce exports during the same period.

Most importing countries, except for Japan and the FSU are predicted to increase their imports for the 2011-2021 period.

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INTRODUCTION

Sugar is produced in over 100 countries worldwide. In most years, over 70% of world sugar production is consumed domestically and the remaining is traded in the world. However, a significant share of this trade volume takes place under bilateral long-term agreements or on preferential terms. Since only a small proportion of world production is traded freely, small changes in production and government policies tend to have large effects on world sugar markets. As a result, sugar prices have been unstable in the world market.

During late 2005 and the first quarter of 2006, world sugar price increased from about \$0.12/lb to over \$0.18/lb because of increased use of sugarcane for ethanol production in Brazil. World sugar price fell to \$0.12/lb in late 2006 and \$0.11/lb by early 2007 due to increased production in other exporting nations. The yearly average price was \$0.187/lb in 2009 and increased to \$0.27/lb in 2010 and increased further to \$0.32 in 2011. The stocks to use ratio has varied between 34% in 1968 and 17% in 2010. Recently the ratio has varied between 31% in 2000 and 17% in 2010. The Caribbean price follows an opposite relationship with the stocks to use ratio, ie, when the stocks to use ratio is high (low), prices are low (high). The recent decrease in the stocks to use ratio, increased sugar price from \$0.08/lb in 2000 to \$0.27/lb in 2010. Similar price increases occurred in 1974-1975 and 1980-1981. The current stocks to use ratio is lower than any time in the past 45 years, this indicates that the recent sugar price increase is justified.

This report evaluates the U.S. and world sugar industry for 2011-2021 using the Global Sugar Policy Simulation Model developed by Benirschka et al. (1996). This model was run utilizing the 2011 data. The outlook projection is based on an assumption that farm and trade policies adopted by sugar exporting and importing countries remain unchanged for the 2011-2021 time period.

Sugarcane is a perennial grass that is produced in tropical and subtropical climate zones. It matures in 12 to 16 months. Once the cane is harvested, the sucrose starts breaking down. Thus, sugarcane mills are located close to the cane fields to minimize transport costs and sucrose losses. Mills convert sugarcane into raw sugar which is shipped to refineries for further processing. In contrast to raw sugar producing mills, refineries are unconstrained by seasonal production patterns and operate throughout the year. Unlike sugarcane, sugarbeets are an annual crop of temperate climate zones. Because of disease problems, sugarbeets are always grown in crop rotations. Since sugarbeets are bulky and costly to transport, beet processing facilities are located close to production. In contrast to sugarcane, sugarbeets are directly processed into refined sugar. Raw sugar is produced only from sugarcane.

Raw sugar and refined sugar are two different products. They are both traded internationally. Beet sugar producing countries export refined sugar, while cane sugar producing countries export either raw or refined sugar. In recent years, the share of raw sugar in total sugar exports has been about 50%.

OVERVIEW OF THE WORLD SUGAR INDUSTRY AND SUGAR POLICIES

For the 2007-2011 period, annual global sugar production was approximately 157 million metric tons with about 33% of production exported from its country of origin. The largest sugar producing region is Brazil, followed by the India and the EU (Table 1).

Table 1. World Sugar Supply and Utilization, 2007 to 2011 Average

Country/	Beet/			Net	Ending	Per Capita
Region	Cane	Consumption	Production	Exports	Stocks	Consumption
		1	,000 metric to	ns, raw value-		Kg
Algeria	В	1,285	6	(1,273)	215	34
Australia	C	1,250	4,461	3,213	340	60
Brazil	C	11,670	34,790	22,990	(375)	56
Canada	В	1,379	88	(1,299)	113	43
China	B/C	14,270	12,737	(1,508)	2,597	7
Cuba	C	677	1,272	685	81	61
European Union	В	17,151	15,629	(1,357)	2,101	48
Egypt	B/C	2,743	1,760	(974)	445	34
Former Soviet Union	B/C	10,462	6,328	(4,022)	1,603	37
India	C	23,730	24,033	1,262	6,957	17
Indonesia	C	4,760	1,964	(2,764)	522	16
Japan	B/C	2,304	828	(1,460)	326	18
Korea	-	1,259	0	(1,343)	482	27
Mexico	C	5,098	5,474	752	1,063	50
South Africa	C	1,603	2,192	639	144	36
Thailand	C	2,184	8,357	6,244	2,252	30
United States	B/C	10,186	7,139	(2,492)	1,232	32
Rest of World	B/C	42,146	30,395	(15,688)	13,798	19
World	B/C	154,167	157,452	51,473	33,894	21

Source: USDA-FAS, PS&D website.

Per capita sugar consumption was highest in the Cuba followed by Australia, and Brazil, although a substantial portion of Brazil sugar is converted into ethanol for transportation fuel. Per capita sugar consumption in the United States was 32 kg, which was above world average per capita consumption (21 kg). Per capita sugar consumption was lowest in China at 7 kg per capita, but that may increase substantially as per capita income increases. Annual global sugar consumption for the 2007-2011 period was 154 million metric tons.

The major sugar exporting countries were Brazil, Australia, Thailand, and South Africa. These countries accounted for 59% of global exports from 2006 to 2010. A relatively few number of countries dominate world sugar exports, but imports are less concentrated. Major importing countries were the Former Soviet Union (FSU), the United States, Indonesia, Korea, Canada, Algeria, China, the EU, and Japan. Imports by these countries accounted for about 34% of all sugar imports from 2007 to 2011. Under the Lome Convention, the EU was required to import sugar under preferential terms from certain African, Caribbean, and Pacific countries.

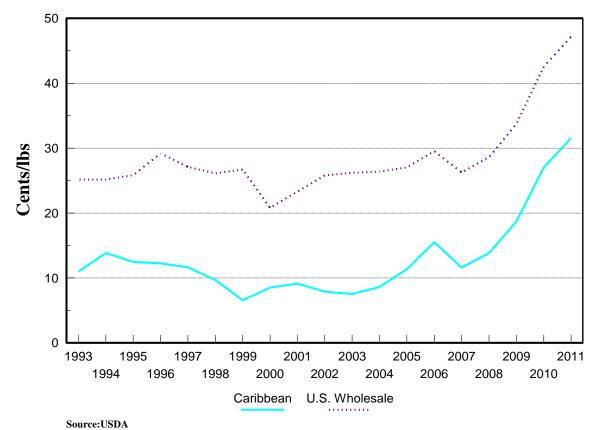


Figure 1. U.S. and World Sugar Prices

The Caribbean raw sugar price is usually considered to be the world market price for sugar. Except for years with high world market prices, there was a substantial wedge between the U.S. wholesale price of raw sugar and the world market price. Over the last decade, U.S. wholesale prices fluctuated between \$0.22 and \$0.47/lb. World market prices ranged between \$0.06/lb. and \$0.32/lb (Figure 1). Both real Caribbean raw sugar prices and U.S. raw sugar import prices had long-term downward trends but are increasing for the past 9 years. Figure 1 shows the dramatic price increase in Caribbean sugar price in late 2005 and 2006. In 2003, the price averaged \$0.07/lb, but it had risen to \$0.12/lb in 2005 and it was \$0.18/lb in June 2006 before falling to \$0.11/lb in 2007. Caribbean sugar price increased to \$0.19 in 2009, \$0.27 in 2010 and \$0.32 in 2011. The high Caribbean sugar price also increased the U.S. wholesale price to \$0.30/lb in 2006, falling to \$0.26/lb in 2007, before increasing to \$0.28/lb in 2008, \$0.34 in 2009 and \$0.43 in 2010.

Figure 2 shows the relationship between world stocks to use ratio and the Caribbean raw sugar price. The correlation between the two series is -0.52 indicating that there is a strong negative correlation between them. The stocks to use ratio has fallen from 31% in 2000 to 17% in 2010. That decrease has increased price from \$0.075/lb in 2000 to \$0.24/lb in 2010 before increasing to \$0.33/lb in 2011. The current stocks to use ratio is lower than any time in the past 45 years, indicating that the recent surge in sugar price is justified.

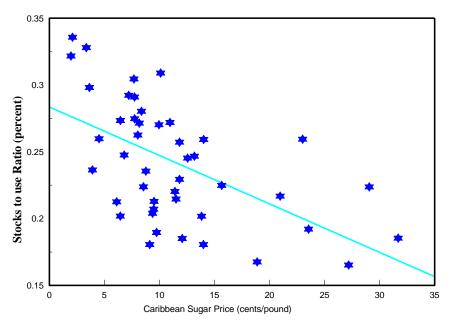


Figure 2. World Stocks to Use Ratio and Caribbean Raw Sugar Price, 1967-2011

The volatility of world sugar prices could be due to the nature of supply response to price changes stemming from high fixed costs of sugar production. An increase in sugar production in response to rising sugar prices requires significant investments in processing facilities, and it takes some time until new production capacity becomes available. Once the facilities are in place, they tend to be used at full capacity to spread the fixed costs. Thus, when prices fall, production remains at full capacity. Sugar production is relatively unresponsive to price in the short run, however sugar price does respond to changes in consumption. The increase in the Caribbean price of sugar in 2005 and 2006 is mainly because Brazil increased the production of ethanol from sugar cane. However, the price dropped in 2007 because of increased production of sugar from sugarcane in response to higher sugar prices in 2005 and 2006.

The United States produces both beet and cane sugar. Cane sugar is produced mainly in Florida, Louisiana, and Texas. Beet sugar is produced largely in the Great Lakes region, Upper Midwest, Great Plains, and far western states. Beet sugar production increased by 10% from 1993 to 2011, while cane sugar production increased slightly (Figure 3). U.S. total sugar production increased about 14% from 7.2 million metric tons in 1993 to 8.2 million metric tons in 2011 (Figure 4).

U.S. consumption of sugar increased by 29.6% from about 8.1 million metric tons in 1993 to 10.5 million metric tons in 2011 (Figure 5). The balance was imported from more than 40 countries. U.S. sugar imports decreased 71% from 4.5 million metric tons in 1974 to 1.3 million metric tons in 1987 and then increased to an average of 1.9 million metric tons during the 1993 to 2011 period. Under the North American Free Trade Agreement (NAFTA), Mexico currently is allowed to export excess sugar to the United States. Mexico exported 732 thousand metric tons of sugar into the United States in 2009 and 1,228 thousand metric tons of sugar into the United States in 2010 and 937 thousand metric tons in 2011. The U.S.-Central American Free Trade Agreement (CAFTA), which is a free trade agreement (FTA) currently with six Central American countries, provides additional sugar imports of 107,000 metric tons, with additional increases of 3,000 metric tons per year.

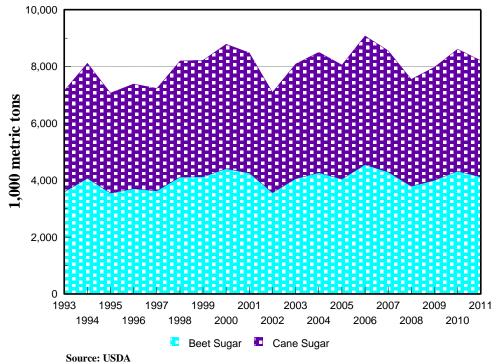


Figure 3. U.S. Beet and Cane Sugar Production

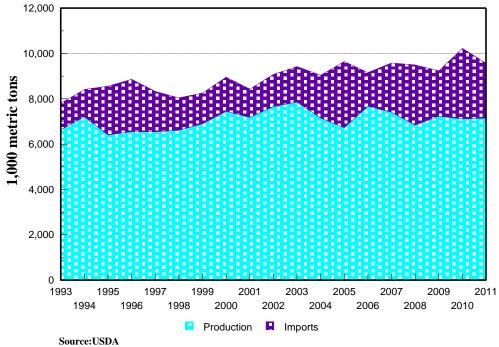


Figure 4. U.S. Sugar Production and Imports

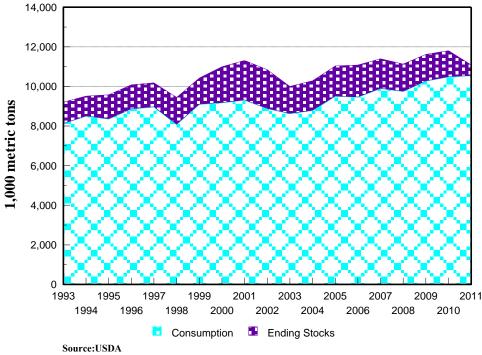


Figure 5. U.S. Sugar Consumption and Ending Stocks

U.S. Sugar Programs and Policies

The U.S. sugar program was established by the Food and Agricultural Act of 1981. Several modifications were made by the Food Security Act of 1985; the Food, Agriculture, Conservation, and Trade Act of 1990; the Federal Agriculture Improvement and Reform Act of 1996; the Farm Security and Rural Investment (FSRI) Act of 2002; and the Food, Conservation, and Energy Act of 2008.

The core policy tools in the program are the loan program, import restrictions, and production allotments. The main purpose of the loan program is to maintain a minimum market price for U.S. producers. Processors use sugar as collateral for loans from the U.S. Department of Agriculture (USDA). The program permits processors to store the sugar rather than sell it for lower than desired prices. Loans can be taken for up to nine months. Processors pay growers for delivered beets and cane, typically about 60% of the loan. Final payments are made and the loan is repaid after the sugar has been sold.

Under the FSRI Act, the sugar loan rate was set at \$0.18lb for raw cane sugar and \$0.229/lb for refined beet sugar. However, loan rates are increased under the 2008 Farm Bill to \$0.1875/lb for cane sugar and \$0.2409/lb for beet sugar. Loans under the 2008 Farm Bill become recourse loans if the tariff rate quota (TRQ) is at 1.5 million metric tons or below, regardless of the price. When the TRQ is set above 1.5 million metric tons, the loans are nonrecourse. Under the nonrecourse loan, a processor can forfeit collateral (sugar) to the Commodity Credit Corporation (CCC) instead of loan repayment if market prices fall below the loan rates. Processors who obtain a nonrecourse loan must pay farmers an amount for their sugarbeets and sugarcane that is proportional to the loan value of sugar. This is the same as under previous legislation.

The Uruguay Round Agreement (URA) on agriculture made minor adjustments for sugar trade. U.S. import quotas on sugar were converted into TRQs, implying that a specified amount of sugar can be imported at the lower of two alternative duty rates. The amount of cane sugar subject to the lower duty rate increased from 1,117,195 metric tons in a fiscal year to 1,231,497 metric tons for 2005 due to production losses due to Hurricane Katrina. The minimum low-duty import of refined sugar is 22,000 metric tons. The minimum low-duty imports for raw and refined sugar add up to 1.256 million metric short tons raw value of sugar per year. The high duty (about \$0.15/lb) is imposed on the amount of sugar imported over the import quota. The first-tier duty ranges from zero to 0.625 cents/lb.

The second tier-duty for raw cane sugar was reduced from \$0.1762/lb in 1995 to \$0.1582/lb in 2000 under the URA. The duty for refined sugar was reduced from \$0.186/lb in 1995 to \$0.1621/lb in 2000. The duties have remained constant since 2000. The sugar quota has been allocated among more than 40 quota-holding countries, allowing imports of specific quantities of sugar at first-tier duty rates. The quota allocation is based on historical exports to the United States for the 1975 to 1981 period.

NAFTA allowed a rapid reduction in the second-tier duty for Mexican sugar over the past several years. This implies that Mexico is in a unique position to increase its exports of sugar to the United States above the allocated quota. If Mexico starts to use High Fructose Corn Sweetener (HFCS) for beverages, more of its sugar could be exported to the United States. However, the price of HFCS has increased substantially as a result of increased corn price. If the price of HFCS remains near the current levels, Mexico may not use HFCS for beverages. Currently there are transportation and use taxes on HFCS in Mexico.

The United States signed a free trade agreement in 2005 with the Central American countries of El Salvador, Guatemala, Honduras, Nicaragua, Costa Rica and the Dominican Republic. CAFTA allows 107,000 metric tons of additional sugar to be imported into the United States in the first year of implementation of the agreement, with additional increases of about 3,000 metric tons per year. This increase, however, does not have a significant impact on the price of U.S. sugar or world trade flows. Recent trade negotiations with Australia do not include increased sugar imports.

Domestic and Export Subsidies in the EU, South Africa, and Mexico

The basic tools of the EU's sugar policies are (1) import restrictions with limited free access for certain suppliers; (2) internal support prices that ensure returns to producers for fixed quantities of production and permit the maintenance of refining capacity; and (3) export subsidies for a quantity of domestically produced sugar.

Since marketing year 1995, EU-subsidized exports of sugar to third-world countries have been limited, in volume and value, under the URA commitments of the EU. However, the EU did not make an export subsidy commitment on its subsidized exports of a quantity of sugar equal to its preferential imports under the Lome Convention. The EU has proposed to limit sugar production to about 14.9 million metric tons per year. In 2008, the EU produced 15.2 million metric tons of sugar compared to 21 million metric tons of sugar in 2004 and 2005. Also in 2008 the EU reduced the intervention price by 36% which will discourage sugar imports from preferential countries. In 2009, the EU reduced export subsidies and lowered tariffs on non-

preferential countries. The EU has imported sugar each year since 2006 except for 2009. In 2011 the EU imported 940 thousand metric tons of sugar.

South Africa has both internal price supports and export subsidies. South Africa reduced its subsidized exports by 200 thousand metric tons to 702 thousand metric tons although net exports for 2011 were only 330 thousand metric tons. Mexico also has subsidized exports and is subsidizing raw sugar storage.

Brazilian Production and Exports

Brazil is the largest sugar producing country in the world. The production of sugar has increased 352% since 1990. About 34% of Brazilian sugar consumed domestically is converted into ethanol for fuel. Exports have risen from 1.2 million metric tons in 1990 to 26.9 million metric tons in 2011. Sugar that is converted into ethanol is subsidized at prices higher than the world price. Recent increases in the world oil price has increased the price of ethanol which in turn increased Brazil's conversion of sugar into ethanol, reducing potential sugar exports from Brazil. That reduction in the growth of sugar exports could be one of the main forces for world sugar price increases. Brazil decreased its exports by 7.8% in 2011 which provided strength for sugar prices in 2011.

Sugar Exports in Australia, China, and India

Australian sugar exports were handling by the Queensland Sugar Corporation (QSC) until 2008 when it was dissolved and replaced by a public corporation, the Queensland Sugar Limited (QSL), established under the Sugar Industry Act 2008. The QSL is responsible for the domestic marketing and exports of 90% of the raw sugar produced in the state of Queensland, which produces 95% of the sugar produced in Australia. State trading enterprises (STEs) were not addressed in the URA. Other countries, including China and India, handle their sugar trade through STEs similar to the QSC.

OUTLOOK FOR THE WORLD SUGAR INDUSTRY

Total world sugar trade is projected to increase by 6.0%, from 39.9 to 42.2 million metric tons over the 2011-2021 period. Most exporting countries will increase their sugar exports for the same period. Exports will increase 9.7% for Brazil, and 31.0% for Australia. However, exports are expected to decrease for Cuba, Mexico, and Thailand during the same time period. World sugar price, referred to as the Caribbean price of sugar, is projected to decrease from \$0.32/lb in 2011 to \$0.24/lb in 2021 (Figure 6).

The world sugar industry seems to be highly correlated to prices of oil and corn. The recent surge in oil price encouraged Brazil to produce ethanol from its sugarcane and corn price above \$5.00/bu discouraged Mexico from replacing sugar with high fructose corn syrup in beverage production.

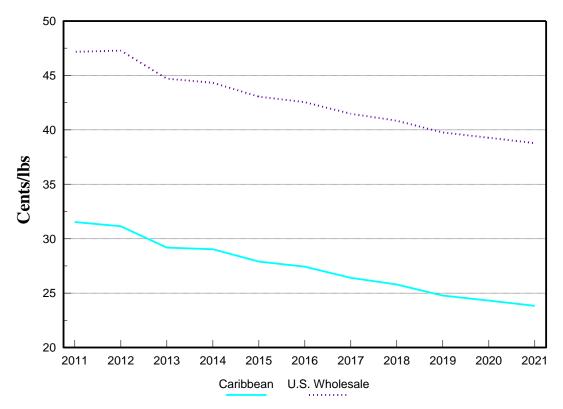


Figure 6. Estimated U.S. and World Prices

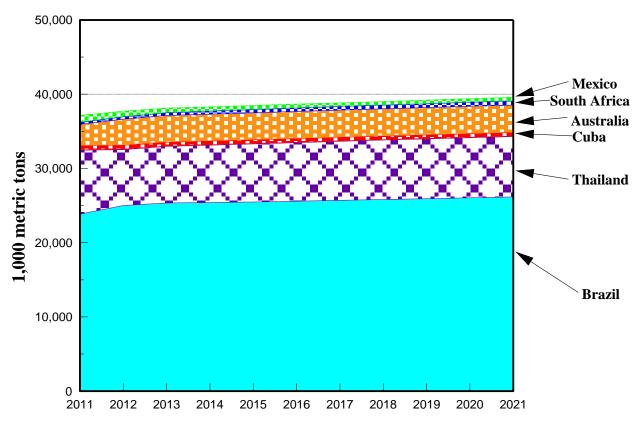


Figure 7. Projected World Sugar Exports by Country

United States

Table 2 shows production, consumption, imports, and ending stocks of sugar for the United States. U.S. sugar production is predicted to increase to 8.1 million metric tons in 2021. The increase in sugar production is due mainly to an increase in both U.S. sugarbeet and sugar cane production. U.S. sugar consumption is predicted to increase by 14.8% from 10.4 million metric tons (the 2009-2011 average) to 12.0 million metric tons in 2021. Ending stocks are also predicted to fall by 13.2% by 2021 (Table 2). Imports are predicted to decrease 21.4% from the 2009-2011 average. However, the imports depend upon Mexico's sugar production and consumption and the conversion of Mexico's soft drink industry to HFCS..

Table 2. U.S. Sugar Production, Consumption, Imports, and Carry-over Stock, 2011-

2021 Average

	Average			% Change
	(2009-2011)	2011	2021	(2009-11) to 2021
		1,000 met	ric tons	
Production	7,132	7,142	8,063	13.1
Beet	4,137	4,108	4,592	11.0
Cane	2,995	3,035	3,471	15.9
Net Imports	2,531	2,443	1,989	-21.4
Consumption	10,429	10,537	11,974	14.8
Carry-over Stocks	1,089	562	943	-13.2
Per capita Consumption (kg)	32	32	31	-3.1

Exporters

Figure 7 shows the projected sugar exports for the major exporting countries. Brazil is the largest sugar exporter followed by Thailand and Australia. Brazil's production is predicted to increase by 7.1% from 36.8 million metric tons in 2009-2011 to 39.4 million metric tons in 2021 (Table 3). Brazil's exports are predicted to increase from 24.6 million metric tons in 2009-2011 to 26.1 million metric tons in 2021. Its domestic consumption is predicted to increase by 13.2% from 11.8 million metric tons in 2009-2011 to 13.3 million metric tons in 2021. Much of the increase in consumption is due to ethanol production.

Thailand's exports are predicted to increase by 17.3% from the 2009-2011 average of 7.0 million metric tons for the 2009-2011 average to 8.2 million metric tons in 2021 (Table 3). Consumption increases from 2.3 million metric tons for the 2009-2011 average to 2.5 million metric tons in 2021. Sugar production in the country also is predicted to increase by 20.6% from 8.9 million metric tons to 10.8 million metric tons in 2021.

Australia's exports are predicted to increase by 22.8% from the 2009-2011 average to 3.6 million metric tons in 2021 (Table 3). The reason for the large increase in exports is that in 2009 and 2010, Australia had small sugar cane crops which lowered exports. Between 2006 and 2009 Australia exported an average of 3.6 million metric tons of sugar per year. Production is predicted to increase by 21.8% from 4.2 million metric tons to 5.1 million metric tons in 2021. Sugar consumption is expected to increase by 14.4% from 1.2 million metric tons to 1.4 million metric tons in 2021.

Cuba's exports are predicted to decrease by 5.0% from the 2009-2011 level to 2021 (Table 3). It is predicted that Cuba will increase its sugar production by 9.0%, while consumption is predicted to increase by 14.8%. These projections are based on the assumption that the political

situation remains the same between the United States and Cuba.

Mexico's production is predicted to increase by 11.5% from 5.4 million metric tons in 2009-2011 to 6.0 million metric tons in 2021. Mexico is expected to export 488 thousand metric tons by 2021, mainly to the United States under NAFTA. Sugar consumption is predicted to increase by 19.3% from 5.0 million metric tons in 2009-2011 to 5.9 million metric tons in 2021 under the assumption that Mexico does not convert to HFCS in their soft drink industry. Ending stocks are predicted to decrease by 25.6%. If Mexico replaces the sugar that is used in soft drinks with HFCS, the excess sugar will likely be exported to the United States under NAFTA.

South African sugar production is expected to return to normal levels after several years of smaller than normal crops. South Africa's production is predicted to increase by 8.6% to 2.3 million metric tons in 2021. South Africa's exports are predicted to increase 51.7% by 2021. Sugar consumption is predicted to increase by 1.8% and ending stocks are predicted to increase by 42.0%.

Importers

Figures 8 through 10 show sugar imports by the major sugar importing countries. Sugar imports of selected Asian and African countries are expected to increase by 5.4% and 42.0%, respectively, for the 2011-2021 period. Major Asian importers are Indonesia and China and major African importers are Algeria and Egypt.

Canada's production is predicted to increase above the 2009-2011 average of 87 thousand metric tons to 102 thousand tons by the year 2021, and consumption is predicted to increase from 1.4 million metric tons to 1.5 million metric tons in 2021 (Table 4). As a result, Canada's imports are predicted to increase by 11.1% from 1.3 million metric tons to 1.5 million metric tons in 2021.

The EU has changed the internal sugar policy by restricting support. This has reduced production. Because of that change, the EU has become a net importer of sugar. EU imports are predicted to increase from 1.2 million metric tons in 2011 to 1.6 million metric tons in 2021 (Figure 8). Sugar production in the EU is predicted to increase 2.4% and consumption is predicted to increase from 17.5 million metric tons for the 2009-2011 average to 18.1 million tons in 2020 (Table 4). Most of the increase in consumption is due to an increase in income for the Eastern European countries recently included in the EU.

Table 3. Sugar Production, Consumption, Exports, and Carry-over Stocks in Exporting Countries

Exporting Countries	Average			% change
	(2009-2011)	2011	2021	(2009-11) to 2021
		1,000 me	etric tons	
Brazil				
Production	36,833	35,750	39,440	7.1
Net Exports	24,633	23,800	26,125	6.1
Consumption	11,767	11,500	13,316	13.2
Carry-over	(318)	165	362	NA
Thailand				
Production	8,921	10,170	10,761	20.6
Net Exports	7,010	8,700	8,217	17.3
Consumption	2,307	2,400	2,531	9.7
Carry-over	2,017	1,389	1,927	-4.5
Australia				
Production	4,183	4,150	5,077	21.3
Net Exports	2,965	2,785	3,641	22.8
Consumption	1,249	1,250	1,429	14.4
Carry-over	271	308	286	5.4
Cuba				
Production	1,200	1,250	1,308	9.0
Net Exports	560	615	532	-5.0
Consumption	675	675	775	14.8
Carry-over	75	75	92	22.7
Mexico				
Production	5,420	5,650	6,043	11.5
Net Exports	700	967	488	-30.3
Consumption	4,981	5,650	5,943	19.3
Carry-over	905	936	673	-25.6
South Africa				
Production	2,083	2,000	2,263	8.6
Net Exports	397	330	601	51.7
Consumption	1,632	1,675	1,661	1.8
Carry-over	155	195	220	42.0

12

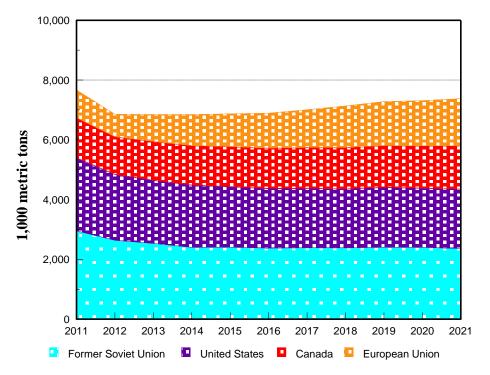


Figure 8. Projected World Sugar Imports by Countries, Major Importers

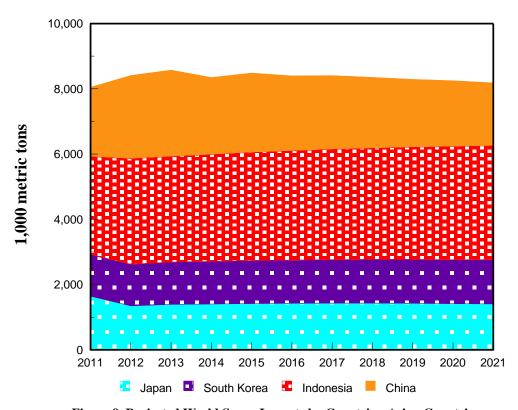


Figure 9. Projected World Sugar Imports by Countries, Asian Countries

The FSU's production is predicted to increase by 29.9% from the 2009-2011 average of 6.4 million metric tons to 8.3 million metric tons in 2021, and consumption is predicted to increase by 1.9% from 10.5 million metric tons to 10.7 million metric tons for the same period. Imports are predicted to decrease by 41.7% from the 2009-2011 average (Table 4). Most of the decrease in imports is due to smaller crops in 2009 and 2010 which required large imports.

China is expected to increase its imports by about 21.7% between 2009-2011 and 2021 (Table 4). China's production is predicted to increase by 4.7% from 11.5 million metric tons for the 2009-2011 average to 14.0 million metric tons in 2021, and consumption is predicted to increase by 11.7% from 14.2 million metric tons to 15.9 million metric tons for the period.

India's production is predicted to increase by 22.8% from 21.2 million metric tons in 2009-2011 to 30.9 million metric tons in 2021. India is expected to remain a sugar exporter throughout to forecast period.

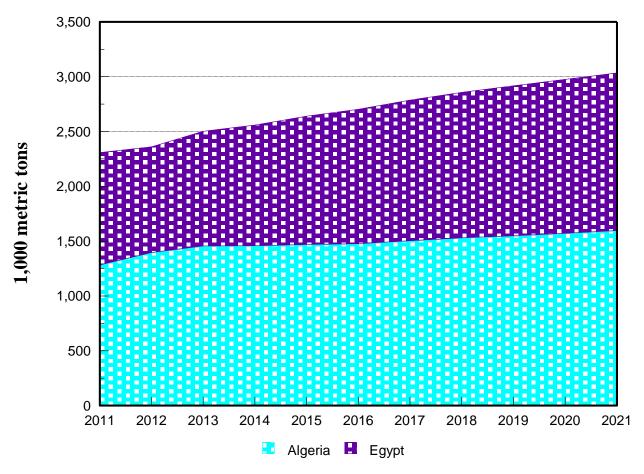


Figure 10. Projected World Sugar Imports by Country, African Countries

Table 4. Sugar Production, Consumption, Imports, and Carry-over in Importing Countries

	Average	2011	2021	% change
	(2009-11)	1.000		(2009-11) to 2021
A.1		1,000 metr	ic tons	
Algeria	4	0	0	27.4
Production	4	0	0	NA
Net Imports	1,389	1,280	1,594	14.7
Consumption	1,350	1,400	1,593	18.0
Carry-over	268	213	287	7.1
Canada	-			
Production	87	95	102	16.8
Net Imports	1,307	1,340	1,452	11.1
Consumption	1,380	1,385	1,549	12.2
Carry-over	89	136	102	14.6
China	44.400			
Production	11,489	11,840	13,986	21.7
Net Imports	1,874	2,126	1,930	3.0
Consumption	14,200	14,300	15,862	11.7
Carry-over	1,745	1,273	2,064	18.3
Egypt				
Production	1,892	2,025	2,070	9.4
Net Imports	749	1,030	1,442	92.4
Consumption	2,760	2,850	3,506	27.0
Carry-over	331	334	385	16.4
European Union				
Production	16,172	16,740	16,560	2.4
Net Imports	1,215	940	1,585	30.6
Consumption	17,500	17,600	18,139	3.6
Carry-over	1,714	1,894	1,982	15.7
Former Soviet Union				
Production	6,401	7,914	8,312	29.9
Net Imports	4,045	2,950	2,357	-41.7
Consumption	10,452	10,759	10,658	1.9
Carry-over	1,442	1,516	1,713	9.6
India				
Production	21,196	28,300	30,932	22.8
Net Imports	-1,030	-2,500	-2,624	NA
Consumption	23,667	25,000	28,252	19.4
Carry-over	6,041	6,859	7,710	18.7
Indonesia				
Production	1,923	2,088	2,126	10.6
Net Imports	3,068	3,010	3,499	14.0
Consumption	4,967	5,200	5,626	13.2
Carry-over	559	413	467	-16.5
Japan				
Production	790	770	824	4.3
Net Imports	1,513	1,638	1,397	-7.6
Consumption	2,265	2,270	2,217	-2.1
Carry-over	295	365	357	20.1
Korea	2	_	•	37.
Production	0	0	0	NA
Net Imports	1,278	1,280	1,326	6.5
Consumption	1,268	1,280	1,349	6.4
Carry-over	516	526	618	20.0

Japan's imports are predicted to decrease by 7.6% from the 2009-2011 average of 1.5 million metric ton to 1.4 million metric tons in 2021, due to a slight decrease in domestic consumption (Table 4).

In South Korea, consumption is predicted to increase by 6.4% for the time period and its imports are predicted to increase by 6.5% for the period. There is no domestic production of either sugar cane or sugar beets in South Korea.

In Algeria, consumption is predicted to increase by 18.0% from 1.4 million metric tons in 2009-2011 to 1.6 million metric tons in 2021. The increase in consumption results in increasing imports from 1.4 million metric tons for the 2009-2011 average to 1.6 million metric tons in 2021.

Egypt's imports are predicted to increase by 92.42% from 0.7 million metric tons in 2009-2011 to 1.4 million metric tons in 2021, due mainly to increased consumption and larger than normal sugar crops in 2009 and 2011 which lowered imports for those years. Egypt historically imported about 1.0 million metric tons of sugar per year. Consumption is predicted to increase by 27.0% from 2.8 million metric tons to 3.5 million metric tons in 2020.

Indonesia's imports are predicted to increase by 14.0% from 3.1 million metric tons in 2009-2011 to 3.5 million metric tons in 2021. Consumption is predicted to increase from 5.0 million metric tons for the 2009-2011 average to 5.6 million metric tons in 2021.

CONCLUDING REMARKS

This report provides an overview of the U.S. and world sugar markets for 2011-2021 using the Global Sugar Policy Simulation Model. The baseline projections are based on a series of assumptions about general economic conditions, agricultural policies, weather conditions, and technological change.

Total world sugar trade is projected to increase by 6.0% from 39.9 million metric tons in 2011 to 42.2 million metric tons in 2021. The price of Caribbean sugar is expected to decrease from \$0.315/lb in 2011 to \$0.238/lb in 2021. The high sugar price is due mainly to low estimates of carry-over stocks for 2011 and 2012 and high energy prices. World sugar production increased 4.2% while consumption increased 2.1% in 2011. It is worth a note that the world sugar industry is influenced by the recent surge in oil price which resulted in increased ethanol production from sugar cane in Brazil. Thus, Brazil decreased supply of sugar to the world market. In addition, high demand for corn from corn-based ethanol production has increased the price of corn which prevents the use of high fructose corn syrup from beverage production in Mexico, resulted in continuous use of sugar for beverage production in the country.

Brazil, Australia and Thailand could increase their sugar exports with production increases, responding to higher world sugar price.

Imports by most importing countries are predicted to increase from the 2009-11 average to 2021 although China's and Japan's imports are predicted to decrease. Imports by Egypt and Algeria are predicted to increase by 92.4% and 14.7%, respectively. Egypt's imports are expected to return to normal levels after being reduced in recent years.

U.S. sugar consumption is predicted to increase by 14.8% for the forecasting period. Production also is expected to increase by 11.0% for beet sugar and by 15.9% for cane sugar. Increases in beet sugar production may be limited due mainly to high prices for other commodities such as corn, soybeans, and wheat which compete for acres. Imports are predicted to decrease by 21.4% for the period. Mexico could have an impact on the U.S. sugar industry if the country uses HFCS in its soft drink industry. Otherwise Mexico's sugar exports to the United States could be relatively small, even though NAFTA allows unlimited exports of sugar beginning in 2008.

The recent price increase in the world price of sugar that occurred in late 2009, 2010 and 2011 will not be maintained. In late 2010, Caribbean sugar price increased to 36 cents/lb from a low of \$0.20/lb in early 2010. The price in early 2011 is about \$0.35/lb. The yearly average price for sugar in 2011 was \$0.315/lb. It is doubtful that the sugar prices will remain at that level in the near future.

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Appendix

World Sugar Policy Simulation Model

2012 Baseline Solution

United States	- Nomin	al Sugar I	Beet and S	ugarcane Fa	rm Prices (d	ollars/short t	on)					
	20	11	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugar Beets	61.84		61.97	59.02	58.59	57.13	56.55	55.33	54.59	53.37	52.82	52.24
Sugarcane	51.02		51.16	48.11	47.67	46.16	45.56	44.30	43.54	42.28	41.71	41.12
United States	: - Nomin	al Sugar I	Prices (U.S	cents/pound	d)							
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Caribbean Pri	ice	31.53	31.14	29.18	29.02	27.90	27.42	26.40	25.79	24.77	24.31	23.83
TRQ Status		Quota	Quota	Quota	Quota	Quota	Quota	Quota	Quota	Quota	Quota	Quota
Implicit Tariff		6.00	6.50	6.00	5.80	5.70	5.70	5.70	5.70	5.70	5.70	5.70
Import Price		37.53	37.64	35.18	34.82	33.60	33.12	32.10	31.49	30.47	30.01	29.53
Wholesale Pr	ice	47.16	47.28	44.70	44.32	43.04	42.54	41.47	40.83	39.76	39.27	38.77
Retail Price		71.92	72.08	68.58	68.07	66.33	65.64	64.19	63.32	61.87	61.22	60.53
United States	- Area H											
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugar Beets		1213	1216	1215	1216	1213	1212	1210	1210	1209	1211	1215
Sugarcane		873	880	876	873	868	865	860	858	854	852	852
Total Area		2086	2096	2090	2089	2081	2077	2071	2068	2063	2064	2068
United States	- Yields	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugar Beets		23.70	25.04	25.47	25.73	25.85	25.92	25.98	26.14	26.22	26.29	26.44
Sugarcane United States	- Sugar	32.40 Beet and	33.34 Sugarcane	33.93	34.33 (1000 short)	34.62 tons)	34.85	35.05	35.22	35.39	35.56	35.72
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugar Beets		28750	30458	30940	31285	31346	31423	31445	31635	31712	31843	32142
Sugarcane		28285	29341	29713	29971	30047	30131	30154	30206	30227	30311	30437
United States	- Sugar	Extraction	n Rates (pe	rcent)								
Variable		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugar Beets		15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75
Sugarcane		12.57	12.57	12.57	12.57	12.57	12.57	12.57	12.57	12.57	12.57	12.57
United States	- Sugar	Productio	n (1000 sh	ort tons) 2013	2014	2015	2016	2017	2018	2019	2020	2021
Beet Sugar		4528	4797	4873	4927	4937	4949	4953	4983	4995	5015	5062
Cane Sugar		3345	3688	3735	3767	3777	3788	3790	3797	3800	3810	3826
Sugar		7873	8485	8608	8695	8714	8737	8743	8779	8794	8825	8888

Variable	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Fariff Rate Quota	1505	1555	1595	1641	1598	1579	1594	1601	1602	1595	1594
Below Quota Tariff	0	0	0	0	0	0	0	0	0	0	0
Above Quota Tariff	15.36	15.36	15.36	15.36	15.36	15.36	15.36	15.36	15.36	15.36	15.36
United States - Implic	,										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
TRQ Status	Quota	Quota	Quota	Quota	Quota	Quota	Quota	Quota	Quota	Quota	Quota
mplicit Tariff	6.00	6.50	6.00	5.80	5.70	5.70	5.70	5.70	5.70	5.70	5.70
Fotal Imports Quota-sugar	2893	2640	2534	2515	2451	2411	2407	2390	2426	2396	2399
mports	1505	1562	1603	1643	1601	1583	1598	1606	1606	1599	1598
Other Sugar Imports	1545	1383	1079	930	872	850	828	809	784	820	797
Total Exports	200	200	199	212	212	204	205	206	208	207	206
Net Imports	2693	2441	2335	2304	2240	2206	2202	2183	2218	2188	2193
Jnited States - Sugar	Supply ar	nd Utilizatio	n (1000 sho	rt tons, raw v	/alue)						
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Carry-in Stocks	1472	620	766	850	891	926	949	972	992	1011	1025
Production	7870	8485	8608	8695	8714	8737	8743	8779	8794	8825	8888
Net Imports	2693	2441	2335	2304	2240	2206	2202	2183	2218	2188	2193
Consumption	11615	11669	12010	12106	12373	12505	12700	12855	12983	13074	13199
Carry-out Stocks	620	766	850	891	926	949	972	992	1011	1025	1039
United States - Per C	apita Suga 2011						2017	2018	2019	2020	2021
Per Capita	2011	2012	2013	2014	2015	2016	2017	2018			
Per Capita Consumption Stocks/Consumptio	2011 75.99	2012 75.69	2013 77.23	2014 77.19	2015 78.23	2016 78.41	78.98	79.30	79.44	79.36	79.48
Per Capita Consumption Stocks/Consumptio	2011	2012	2013	2014	2015	2016					
Per Capita Consumption Stocks/Consumptio	2011 75.99	2012 75.69	2013 77.23	2014 77.19	2015 78.23	2016 78.41	78.98	79.30	79.44	79.36	79.48
Per Capita Consumption Stocks/Consumptio	2011 75.99 5.34	2012 75.69 6.57	2013 77.23 7.08	2014 77.19 7.36	2015 78.23 7.48	2016 78.41 7.59	78.98 7.66	79.30 7.72	79.44 7.78	79.36 7.84	79.48 7.87
Per Capita Consumption Stocks/Consumption	2011 75.99 5.34	2012 75.69 6.57	2013 77.23 7.08	2014 77.19 7.36	2015 78.23 7.48	2016 78.41 7.59	78.98 7.66 2017	79.30 7.72 2018	79.44 7.78	79.36 7.84	79.48 7.87 2021 18
United States - Per Consumption Stocks/Consumption Area Harvested Yield Production	2011 75.99 5.34 2011	2012 75.69 6.57 2012 20	2013 77.23 7.08 2013 20	2014 77.19 7.36 2014	2015 78.23 7.48 2015	2016 78.41 7.59 2016	78.98 7.66 2017	79.30 7.72 2018	79.44 7.78 2019	79.36 7.84 2020	79.48 7.87 2021 18
Per Capita Consumption Stocks/Consumption Area Harvested Yield Production	2011 75.99 5.34 2011 19 45.00 855	2012 75.69 6.57 2012 20 46.49 917	2013 77.23 7.08 2013 20 46.68 920	2014 77.19 7.36 2014 19 47.16	2015 78.23 7.48 2015 19 47.58	2016 78.41 7.59 2016 19 48.00	78.98 7.66 2017 19 48.43	79.30 7.72 2018 19 48.86	79.44 7.78 2019 18 49.28	79.36 7.84 2020 18 49.71	79.48 7.87 2021 18 50.14
Per Capita Consumption Stocks/Consumptio Area Harvested Yield Production Canada - Sugar Beet	2011 75.99 5.34 2011 19 45.00 855	2012 75.69 6.57 2012 20 46.49 917	2013 77.23 7.08 2013 20 46.68 920	2014 77.19 7.36 2014 19 47.16	2015 78.23 7.48 2015 19 47.58	2016 78.41 7.59 2016 19 48.00	78.98 7.66 2017 19 48.43	79.30 7.72 2018 19 48.86	79.44 7.78 2019 18 49.28	79.36 7.84 2020 18 49.71	79.48 7.87 2021 18 50.14
Per Capita Consumption Stocks/Consumptio n Area Harvested Yield Production Canada - Sugar Beet Variable	2011 75.99 5.34 2011 19 45.00 855 Exogenou 2011	2012 75.69 6.57 2012 20 46.49 917 us Variables 2012	2013 77.23 7.08 2013 20 46.68 920	2014 77.19 7.36 2014 19 47.16 917	2015 78.23 7.48 2015 19 47.58 917	2016 78.41 7.59 2016 19 48.00 914	78.98 7.66 2017 19 48.43 913	79.30 7.72 2018 19 48.86 911	79.44 7.78 2019 18 49.28 910	79.36 7.84 2020 18 49.71 907	79.48 7.87 2021 18 50.14 906
Per Capita Consumption Stocks/Consumption Area Harvested Yield Production Canada - Sugar Beet Variable	2011 75.99 5.34 2011 19 45.00 855	2012 75.69 6.57 2012 20 46.49 917	2013 77.23 7.08 2013 20 46.68 920	2014 77.19 7.36 2014 19 47.16 917	2015 78.23 7.48 2015 19 47.58 917	2016 78.41 7.59 2016 19 48.00 914	78.98 7.66 2017 19 48.43 913	79.30 7.72 2018 19 48.86 911	79.44 7.78 2019 18 49.28 910	79.36 7.84 2020 18 49.71 907	79.48 7.87 2021 18 50.14 906
Per Capita Consumption Stocks/Consumptio Area Harvested Yield Production Canada - Sugar Beet	2011 75.99 5.34 2011 19 45.00 855 Exogenou 2011 11.30	2012 75.69 6.57 2012 20 46.49 917 us Variables 2012 11.30	2013 77.23 7.08 2013 20 46.68 920 2013 11.30	2014 77.19 7.36 2014 19 47.16 917 2014 11.30	2015 78.23 7.48 2015 19 47.58 917 2015 11.30	2016 78.41 7.59 2016 19 48.00 914	78.98 7.66 2017 19 48.43 913	79.30 7.72 2018 19 48.86 911	79.44 7.78 2019 18 49.28 910	79.36 7.84 2020 18 49.71 907	79.48 7.87 2021 18 50.14 906
Per Capita Consumption Stocks/Consumption Area Harvested Yield Production Canada - Sugar Beet Variable Extraction Rate (%) Canada - Sugar Supp	2011 75.99 5.34 2011 19 45.00 855 Exogenou 2011 11.30	2012 75.69 6.57 2012 20 46.49 917 us Variables 2012 11.30	2013 77.23 7.08 2013 20 46.68 920 2013 11.30	2014 77.19 7.36 2014 19 47.16 917 2014 11.30	2015 78.23 7.48 2015 19 47.58 917 2015 11.30	2016 78.41 7.59 2016 19 48.00 914	78.98 7.66 2017 19 48.43 913	79.30 7.72 2018 19 48.86 911	79.44 7.78 2019 18 49.28 910	79.36 7.84 2020 18 49.71 907	79.48 7.87 2021 18 50.14 906
Per Capita Consumption Stocks/Consumptio Area Harvested Yield Production Canada - Sugar Beet Variable Extraction Rate (%)	2011 75.99 5.34 2011 19 45.00 855 Exogenou 2011 11.30	2012 75.69 6.57 2012 20 46.49 917 us Variables 2012 11.30	2013 77.23 7.08 2013 20 46.68 920 2013 11.30	2014 77.19 7.36 2014 19 47.16 917 2014 11.30	2015 78.23 7.48 2015 19 47.58 917 2015 11.30	2016 78.41 7.59 2016 19 48.00 914	78.98 7.66 2017 19 48.43 913 2017 11.30	79.30 7.72 2018 19 48.86 911	79.44 7.78 2019 18 49.28 910	79.36 7.84 2020 18 49.71 907	79.48 7.87 2021 18 50.14 906
Per Capita Consumption Stocks/Consumption Area Harvested Yield Production Canada - Sugar Beet Variable Extraction Rate (%) Canada - Sugar Supp	2011 75.99 5.34 2011 19 45.00 855 Exogenor 2011 11.30 bly and Util 2011	2012 75.69 6.57 2012 20 46.49 917 us Variables 2012 11.30	2013 77.23 7.08 2013 20 46.68 920 3 2013 11.30 00 metric tor 2013	2014 77.19 7.36 2014 19 47.16 917 2014 11.30 as, raw value 2014	2015 78.23 7.48 2015 19 47.58 917 2015 11.30	2016 78.41 7.59 2016 19 48.00 914 2016 11.30	78.98 7.66 2017 19 48.43 913 2017 11.30	79.30 7.72 2018 19 48.86 911 2018 11.30	79.44 7.78 2019 18 49.28 910 2019 11.30	79.36 7.84 2020 18 49.71 907 2020 11.30	79.48 7.87 2021 18 50.14 906
Per Capita Consumption Stocks/Consumption Area Harvested Field Production Canada - Sugar Beet Variable Extraction Rate (%) Canada - Sugar Supp Carry-in Stocks Production	2011 75.99 5.34 2011 19 45.00 855 Exogenou 2011 11.30 oly and Util 2011 86	2012 75.69 6.57 2012 20 46.49 917 us Variables 2012 11.30	2013 77.23 7.08 2013 20 46.68 920 3 2013 11.30 00 metric tor 2013 100	2014 77.19 7.36 2014 19 47.16 917 2014 11.30 as, raw value 2014 88	2015 78.23 7.48 2015 19 47.58 917 2015 11.30	2016 78.41 7.59 2016 19 48.00 914 2016 11.30	78.98 7.66 2017 19 48.43 913 2017 11.30	79.30 7.72 2018 19 48.86 911 2018 11.30	79.44 7.78 2019 18 49.28 910 2019 11.30	79.36 7.84 2020 18 49.71 907 2020 11.30	79.48 7.87 2021 18 50.14 906 2021 11.30 2021 97
Per Capita Consumption Stocks/Consumption Area Harvested Vield Production Canada - Sugar Beet Variable Extraction Rate (%) Canada - Sugar Supp Carry-in Stocks Production Net Imports	2011 75.99 5.34 2011 19 45.00 855 Exogenou 2011 11.30 bily and Util 2011 86 95	2012 75.69 6.57 2012 20 46.49 917 us Variables 2012 11.30	2013 77.23 7.08 2013 20 46.68 920 3 2013 11.30 00 metric tor 2013 100 104	2014 77.19 7.36 2014 19 47.16 917 2014 11.30 as, raw value 2014 88 104	2015 78.23 7.48 2015 19 47.58 917 2015 11.30 2015 85 104	2016 78.41 7.59 2016 19 48.00 914 2016 11.30	78.98 7.66 2017 19 48.43 913 2017 11.30 2017 87 103	79.30 7.72 2018 19 48.86 911 2018 11.30 2018 89 103	79.44 7.78 2019 18 49.28 910 2019 11.30 2019 92 103	79.36 7.84 2020 18 49.71 907 2020 11.30 2020 94 102	79.48 7.87 2021 18 50.14 906 2021 11.30 2021 97 102
Per Capita Consumption Stocks/Consumption Area Harvested Freduction Canada - Sugar Beet Fariable Extraction Rate (%) Canada - Sugar Supp Carry-in Stocks Production Net Imports Imports	2011 75.99 5.34 2011 19 45.00 855 Exogenou 2011 11.30 oly and Uti 2011 86 95 1340	2012 75.69 6.57 2012 20 46.49 917 us Variables 2012 11.30 lization (100 2012 136 104 1254	2013 77.23 7.08 2013 20 46.68 920 3 2013 11.30 00 metric tor 2013 100 104 1293	2014 77.19 7.36 2014 19 47.16 917 2014 11.30 as, raw value 2014 88 104 1316	2015 78.23 7.48 2015 19 47.58 917 2015 11.30 2015 85 104 1334	2016 78.41 7.59 2016 19 48.00 914 2016 11.30	78.98 7.66 2017 19 48.43 913 2017 11.30 2017 87 103 1367	79.30 7.72 2018 19 48.86 911 2018 11.30 2018 89 103 1381	79.44 7.78 2019 18 49.28 910 2019 11.30 2019 92 103 1397	79.36 7.84 2020 18 49.71 907 2020 11.30 2020 94 102 1413	79.48 7.87 2021 18 50.14 906 2021 11.30 2021 97 102 1452
Per Capita Consumption Stocks/Consumption Area Harvested Yield Production Canada - Sugar Beet Variable Extraction Rate (%) Canada - Sugar Supp	2011 75.99 5.34 2011 19 45.00 855 Exogenou 2011 11.30 bly and Uti 2011 86 95 1340 1400	2012 75.69 6.57 2012 20 46.49 917 us Variables 2012 11.30 lization (100 2012 136 104 1254 #N/A	2013 77.23 7.08 2013 20 46.68 920 2013 11.30 2013 100 104 1293 #N/A	2014 77.19 7.36 2014 19 47.16 917 2014 11.30 as, raw value 2014 88 104 1316 #N/A	2015 78.23 7.48 2015 19 47.58 917 2015 11.30 2015 85 104 1334 #N/A	2016 78.41 7.59 2016 19 48.00 914 2016 11.30 2016 85 103 1349 #N/A	78.98 7.66 2017 19 48.43 913 2017 11.30 2017 87 103 1367 #N/A	79.30 7.72 2018 19 48.86 911 2018 11.30 2018 89 103 1381 #N/A	79.44 7.78 2019 18 49.28 910 2019 11.30 2019 92 103 1397 #N/A	79.36 7.84 2020 18 49.71 907 2020 11.30 2020 94 102 1413 #N/A	79.48 7.87 2021 18 50.14 906 2021 11.30 2021 97 102 1452 #N/A

Canada - Per Capita	Sugar Cor	nsumption (kilograms) a	nd Stocks to	Use Ratio (percent)					
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Per Capita Consumption Stocks/Consumptio	40.11	40.03	40.16	40.25	40.34	40.42	40.61	40.69	40.84	40.98	41.68
n	9.82	7.19	6.26	5.98	5.95	6.00	6.09	6.20	6.30	6.41	6.57
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Area Harvested	629	629	628	629	630	632	633	635	637	639	642
Yield	74.10	74.51	74.89	75.26	75.63	75.99	76.36	76.72	77.09	77.45	77.82
Production	46609	46845	47060	47345	47652	47999	48355	48733	49117	49521	49942
Mayina Sugar Futro	etion Data	a (naraant)									
Mexico - Sugar Extra	2011	s (percent) 2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugarcane	11.90	11.90	11.90	11.90	12.00	12.00	12.00	12.00	12.10	12.10	12.10
<u>ougu.ouo</u>		11100	11100	11100	12100	12.00	12100	12100	12.10	12.10	12110
Mexico - Sugar Supp	ly and Utili	ization (100	0 metric tons	s, raw value))						
V -111	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Carry-in Stocks	806	936	767	683	643	627	625	630	639	649	661
Production	5650	5575	5600	5634	5718	5760	5803	5848	5943	5992	6043
Net Imports	-967	-765	-639	-563	-558	-518	-494	-472	-511	-487	-488
Exports	1443	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	476	400	400	400	400	400	400	400	400	400	400
Consumption	5650	5379	5446	5511	5576	5644	5704	5767	5822	5893	5943
Carry-out Stocks	936	767	683	643	627	625	630	639	649	661	673
Mexico - Per Capita S	Sugar Con	sumption (k	ilograms) ar	nd Stocks to	Use Ratio (p	percent)					
•	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Per Capita Consumption	47.82	45.03	45.10	45.16	45.22	45.31	45.33	45.39	45.38	45.51	45.47
Stocks/Consumptio											
n	16.57	14.27	12.54	11.66	11.25	11.07	11.04	11.07	11.15	11.22	11.32
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Area Harvested	4	0	0	0	0	0	0	0	0	0	0
Yield	20	0	0	0	0	0	0	0	0	0	0
Production	75	0	0	0	0	0	0	0	0	0	0
Algeria - Sugar Extra		,									
Sugarb	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
eet	7.41	7.41	7.41	7.41	7.41	7.41	7.41	7.41	7.41	7.41	7.41
Algeria - Sugar Supp	•	,		· · · · · · · · · · · · · · · · · · ·		0015	0015	0215	0015	000-	605:
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
0 1 0 1			0.15				~==				06-
Carry-in Stocks	333	213	213	244	261	271	277	280	283	285	286
Carry-in Stocks Production Net Imports		213 0 1393	213 0 1453	244 0 1455	261 0 1467	271 0 1474	277 0 1501	280 0 1528	283 0 1546	285 0 1568	286 0 1594

	40	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Exports											
Imports	1320	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	1400	1393	1422	1438	1457	1468	1497	1525	1545	1567	1593
Carry-out Stocks	213	213	244	261	271	277	280	283	285	286	287
Algeria - Per Capita S		sumption (k		d Stocks to I	Jse Ratio (p	ercent)					
Per Capita	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Consumption Stocks/Consumptio	36.93	36.32	36.64	36.63	36.70	36.58	36.91	37.20	37.30	37.48	37.74
1	15.21	15.30	17.16	18.16	18.60	18.85	18.73	18.55	18.43	18.26	18.03
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Area Harvested	410	416	419	420	421	421	422	422	423	423	424
Yield	77	85	86	87	87	88	88	89	89	90	90
Production	31570	35204	36178	36538	36802	37023	37250	37469	37698	37926	38170
Australia - Sugar Extr	action Rat	te (percent)									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugarcane	13.30	13.30	13.30	13.30	13.30	13.30	13.30	13.30	13.30	13.30	13.30
Australia - Sugar Sup	ply and Ut 2011	tilization (10	2013	ns, raw value	e) 2015	2016	2017	2018	2019	2020	2021
Carry-in Stocks	193	308	254					270	273		
		อบด	204	257	260	263	266	210	213	276	279
•					1905	4024	1051	1083	5014	5044	5077
Production	4150	4682	4812	4859	4895 3577	4924 3589	4954 3602	4983 3612	5014 3629	5044 3645	
Production Net Exports Exports					4895 3577 #N/A	4924 3589 #N/A	4954 3602 #N/A	4983 3612 #N/A	5014 3629 #N/A	5044 3645 #N/A	5077 3641 #N/A
Production Net Exports Exports	4150 2785 2950	4682 3468 #N/A	4812 3523 #N/A	4859 3556 #N/A	3577 #N/A	3589 #N/A	3602 #N/A	3612 #N/A	3629 #N/A	3645 #N/A	3641 #N/A
Production Net Exports Exports Imports	4150 2785 2950 165	4682 3468 #N/A #N/A	4812 3523 #N/A #N/A	4859 3556 #N/A #N/A	3577 #N/A #N/A	3589 #N/A #N/A	3602 #N/A #N/A	3612 #N/A #N/A	3629 #N/A #N/A	3645 #N/A #N/A	3641 #N/A #N/A
Production Net Exports Exports Imports Consumption	4150 2785 2950	4682 3468 #N/A	4812 3523 #N/A	4859 3556 #N/A	3577 #N/A	3589 #N/A	3602 #N/A	3612 #N/A	3629 #N/A	3645 #N/A	3641 #N/A #N/A
Production Net Exports Exports Imports Consumption Carry-out Stocks Australia - Per Capita Per Capita Consumption	4150 2785 2950 165 1250 308	4682 3468 #N/A #N/A 1268 254	4812 3523 #N/A #N/A 1286 257	4859 3556 #N/A #N/A 1300 260	3577 #N/A #N/A 1315 263	3589 #N/A #N/A 1332 266	3602 #N/A #N/A 1348	3612 #N/A #N/A 1367	3629 #N/A #N/A 1382	3645 #N/A #N/A 1396	3641 #N/A #N/A 1429 286
Production Net Exports Exports Imports Consumption Carry-out Stocks Australia - Per Capita Per Capita Consumption Stocks/Consumptio	4150 2785 2950 165 1250 308 Sugar Co 2011 59.24	4682 3468 #N/A 1268 254 ensumption 2012 59.34	4812 3523 #N/A #N/A 1286 257 (kilograms) a 2013	4859 3556 #N/A #N/A 1300 260 and Stocks to 2014 59.50	3577 #N/A #N/A 1315 263 D Use Ratio 2015 59.53	3589 #N/A #N/A 1332 266 (percent) 2016 59.66	3602 #N/A #N/A 1348 270 2017 59.79	3612 #N/A #N/A 1367 273 2018 60.01	3629 #N/A #N/A 1382 276 2019 60.04	3645 #N/A #N/A 1396 279 2020 60.06	3641 #N/A #N/A 1429 286 2021 60.89
Production Net Exports Exports Imports Consumption Carry-out Stocks Australia - Per Capita Per Capita Consumption Stocks/Consumption	4150 2785 2950 165 1250 308 Sugar Co 2011 59.24 24.64	4682 3468 #N/A 1268 254 ensumption 2012 59.34 20.00	4812 3523 #N/A #N/A 1286 257 (kilograms) a 2013 59.48 20.00	4859 3556 #N/A #N/A 1300 260 and Stocks to 2014 59.50 20.00	3577 #N/A #N/A 1315 263 D Use Ratio 2015	3589 #N/A #N/A 1332 266 (percent) 2016	3602 #N/A #N/A 1348 270	3612 #N/A #N/A 1367 273	3629 #N/A #N/A 1382 276	3645 #N/A #N/A 1396 279	3641 #N/A #N/A 1429 286
Production Net Exports Exports mports Consumption Carry-out Stocks Australia - Per Capita Per Capita Consumption Stocks/Consumption	4150 2785 2950 165 1250 308 Sugar Co 2011 59.24 24.64	4682 3468 #N/A 1268 254 ensumption 2012 59.34 20.00	4812 3523 #N/A 1286 257 (kilograms) a 2013 59.48 20.00	4859 3556 #N/A #N/A 1300 260 and Stocks to 2014 59.50 20.00	3577 #N/A #N/A 1315 263 0 Use Ratio 2015 59.53 20.00	3589 #N/A #N/A 1332 266 (percent) 2016 59.66 20.00	3602 #N/A #N/A 1348 270 2017 59.79 20.00	3612 #N/A #N/A 1367 273 2018 60.01 20.00	3629 #N/A #N/A 1382 276 2019 60.04 20.00	3645 #N/A #N/A 1396 279 2020 60.06 20.00	3641 #N/A #N/A 1429 286 2021 60.89 20.00
Production Net Exports Exports mports Consumption Carry-out Stocks Australia - Per Capita Per Capita Consumption Stocks/Consumption Carry-out Stocks/Consumption Carry-out Stocks/Consumption Carry-out Stocks/Consumption	4150 2785 2950 165 1250 308 Sugar Co 2011 59.24 24.64 and Utiliza 2011	#N/A #N/A 1268 254 ensumption 2012 59.34 20.00 attion (1000 2012	4812 3523 #N/A 1286 257 (kilograms) a 2013 59.48 20.00 metric tons, 2013	4859 3556 #N/A #N/A 1300 260 and Stocks to 2014 59.50 20.00	3577 #N/A #N/A 1315 263 D Use Ratio 2015 59.53 20.00	3589 #N/A #N/A 1332 266 (percent) 2016 59.66 20.00	3602 #N/A #N/A 1348 270 2017 59.79 20.00	3612 #N/A #N/A 1367 273 2018 60.01 20.00	3629 #N/A #N/A 1382 276 2019 60.04 20.00	3645 #N/A #N/A 1396 279 2020 60.06 20.00	3641 #N/A #N/A 1429 286 2021 60.89 20.00
Production Net Exports Exports mports Consumption Carry-out Stocks Australia - Per Capita Per Capita Consumption Stocks/Consumption December 1 Brazil - Sugar Supply Carry-in Stocks	4150 2785 2950 165 1250 308 Sugar Co 2011 59.24 24.64 and Utiliza 2011 -285	#N/A #N/A 1268 254 ensumption 2012 59.34 20.00 ation (1000 2012 165	4812 3523 #N/A 1286 257 (kilograms) a 2013 59.48 20.00 metric tons, 2013 411	4859 3556 #N/A 1300 260 2014 59.50 20.00 raw value) 2014 360	3577 #N/A #N/A 1315 263 D Use Ratio 2015 59.53 20.00 2015 370	3589 #N/A #N/A 1332 266 (percent) 2016 59.66 20.00 2016 366	3602 #N/A #N/A 1348 270 2017 59.79 20.00	3612 #N/A #N/A 1367 273 2018 60.01 20.00	3629 #N/A #N/A 1382 276 2019 60.04 20.00	3645 #N/A #N/A 1396 279 2020 60.06 20.00	3641 #N/A #N/A 1429 286 2021 60.89 20.00
Production Net Exports	4150 2785 2950 165 1250 308 Sugar Co 2011 59.24 24.64 and Utiliza 2011 -285 35750	#N/A #N/A 1268 254 ensumption 2012 59.34 20.00 ation (1000 2012 165 37392	4812 3523 #N/A 1286 257 (kilograms) a 2013 59.48 20.00 metric tons, 2013 411 37546	4859 3556 #N/A #N/A 1300 260 and Stocks to 2014 59.50 20.00 raw value) 2014 360 37787	3577 #N/A #N/A 1315 263 D Use Ratio 2015 59.53 20.00 2015 370 38023	3589 #N/A #N/A 1332 266 (percent) 2016 59.66 20.00 2016 366 38259	3602 #N/A #N/A 1348 270 2017 59.79 20.00 2017 366 38496	3612 #N/A #N/A 1367 273 2018 60.01 20.00 2018 365 38732	3629 #N/A #N/A 1382 276 2019 60.04 20.00 2019 364 38968	3645 #N/A #N/A 1396 279 2020 60.06 20.00 2020 364 39204	3641 #N/A #N/A 1429 286 2021 60.89 20.00 2021 363 3944
Production Net Exports Exports Imports Consumption Carry-out Stocks Australia - Per Capita Consumption Stocks/Consumption Brazil - Sugar Supply Carry-in Stocks Production Net Exports	4150 2785 2950 165 1250 308 Sugar Co 2011 59.24 24.64 and Utiliza 2011 -285	#N/A #N/A 1268 254 ensumption 2012 59.34 20.00 ation (1000 2012 165	4812 3523 #N/A 1286 257 (kilograms) a 2013 59.48 20.00 metric tons, 2013 411	4859 3556 #N/A 1300 260 2014 59.50 20.00 raw value) 2014 360	3577 #N/A #N/A 1315 263 D Use Ratio 2015 59.53 20.00 2015 370	3589 #N/A #N/A 1332 266 (percent) 2016 59.66 20.00 2016 366	3602 #N/A #N/A 1348 270 2017 59.79 20.00	3612 #N/A #N/A 1367 273 2018 60.01 20.00	3629 #N/A #N/A 1382 276 2019 60.04 20.00	3645 #N/A #N/A 1396 279 2020 60.06 20.00	3641 #N/A #N/A 1429 286 2021 60.89 20.00
Production Net Exports Exports Imports Consumption Carry-out Stocks Australia - Per Capita Per Capita Consumption Stocks/Consumption Description Carry-in Stocks Production Net Exports Exports	4150 2785 2950 165 1250 308 Sugar Co 2011 59.24 24.64 and Utiliza 2011 -285 35750 23800	#N/A #N/A 1268 254 ensumption 2012 59.34 20.00 ation (1000 2012 165 37392 24968	4812 3523 #N/A 1286 257 (kilograms) a 2013 59.48 20.00 metric tons, 2013 411 37546 25298	4859 3556 #N/A #N/A 1300 260 and Stocks to 2014 59.50 20.00 raw value) 2014 360 37787 25369	3577 #N/A #N/A 1315 263 0 Use Ratio 2015 59.53 20.00 2015 370 38023 25444	3589 #N/A #N/A 1332 266 (percent) 2016 59.66 20.00 2016 366 38259 25549	3602 #N/A #N/A 1348 270 2017 59.79 20.00 2017 366 38496 25660	3612 #N/A #N/A 1367 273 2018 60.01 20.00 2018 365 38732 25773	3629 #N/A #N/A 1382 276 2019 60.04 20.00 2019 364 38968 25888	3645 #N/A #N/A 1396 279 2020 60.06 20.00 2020 364 39204 26005	3641 #N/A #N/A 1429 286 2021 60.89 20.00 2021 363 3944 2612
Production Net Exports Exports Imports Consumption Carry-out Stocks Australia - Per Capita	4150 2785 2950 165 1250 308 Sugar Co 2011 59.24 24.64 and Utiliza 2011 -285 35750 23800 23800	#N/A #N/A 1268 254 254 20.00 2012 165 37392 24968 #N/A	4812 3523 #N/A #N/A 1286 257 (kilograms) a 2013 59.48 20.00 metric tons, 2013 411 37546 25298 #N/A	4859 3556 #N/A #N/A 1300 260 and Stocks to 2014 59.50 20.00 raw value) 2014 360 37787 25369 #N/A	3577 #N/A #N/A 1315 263 D Use Ratio 2015 59.53 20.00 2015 370 38023 25444 #N/A	3589 #N/A #N/A 1332 266 (percent) 2016 59.66 20.00 2016 366 38259 25549 #N/A	3602 #N/A #N/A 1348 270 2017 59.79 20.00 2017 366 38496 25660 #N/A	3612 #N/A #N/A 1367 273 2018 60.01 20.00 2018 365 38732 25773 #N/A	3629 #N/A #N/A 1382 276 2019 60.04 20.00 2019 364 38968 25888 #N/A	3645 #N/A #N/A 1396 279 2020 60.06 20.00 2020 364 39204 26005 #N/A	3641 #N/A #N/A 1429 286 2021 60.89 20.00 2021 363 3944 2612 #N/A

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Per Capita Consumption Stocks/Consumptio	57.18	59.88	59.82	59.72	59.94	59.95	59.95	59.96	59.97	59.98	59.99
n '	1.43	3.37	2.93	2.98	2.91	2.88	2.84	2.81	2.78	2.75	2.72
China - Area Harvest	ad (1000 h	ootoroo)									
Cililia - Alea Haivest	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugar Beets	255	299	258	277	264	265	262	259	258	255	265
Sugarcane	1730	1802	1827	1835	1842	1847	1853	1859	1866	1872	1880
Total Area	1985	2101	2085	2112	2106	2112	2115	2118	2124	2127	2145
China - Yields (metric											
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugar Beets	38.20	38.39	38.59	38.80	39.01	39.33	39.64	39.94	40.23 74.30	40.52	40.79
Sugarcane	68.50	69.84	70.90	71.75	72.45	73.03	73.51	73.93	7 1.00	74.63	74.92
China - Production (1											
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugar Beets	9741 11850 5	11488 125828	9951 129538	10758	10307 133437	10416 134870	10374 136233	10339 137434	10378	10326	10831 14083
Sugarcane	3	123626	129536	131632	133437	134670	130233	13/434	138616	139705	14083
China - Sugar Extrac			2012	2014	2015	2016	2017	2010	2010	2020	2024
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
	40.45	40.45	40.45	40.45	40.45	40.45	40.45	40.45	40 45	40.45	40.45
ū	10.15 9.15	10.15 9.15	10.15 9.15	10.15 9.15	10.15 9.15	10.15 9.15	10.15 9.15	10.15 9.15	10.15 9.15	10.15 9.15	10.15 9.15
Sugarcane	9.15	9.15	9.15	9.15							
Sugarcane	9.15 / and Utiliz	9.15 ation (1000 i	9.15	9.15	9.15	9.15	9.15	9.15	9.15	9.15	9.15
Sugarcane China - Sugar Supply	9.15 / and Utiliz 2011	9.15 ation (1000 i	9.15 metric tons, 2013	9.15 raw value) 2014	9.15	9.15	9.15	9.15	9.15	9.15	9.15
Sugarcane China - Sugar Supply Carry-in Stocks	9.15 / and Utiliz	9.15 ation (1000 i	9.15	9.15	9.15	9.15	9.15	9.15	9.15	9.15	9.15 2021 2010
Sugarcane China - Sugar Supply Carry-in Stocks	9.15 / and Utiliz 2011 1607	9.15 ation (1000 prices of the second secon	9.15 metric tons, 2013 1314	9.15 raw value) 2014 1493	9.15 2015 1546	9.15 2016 1678	9.15 2017 1757	9.15 2018 1841	9.15 2019 1899	9.15 2020 1969	9.15 2021 2010
Sugarcane China - Sugar Supply Carry-in Stocks Production	9.15 / and Utiliz 2011 1607 11840	9.15 ation (1000 i 2012 1273 12679	9.15 metric tons, 2013 1314 12863	9.15 raw value) 2014 1493 13136	9.15 2015 1546 13256	9.15 2016 1678 13398	9.15 2017 1757 13518	9.15 2018 1841 13625	9.15 2019 1899 13737	9.15 2020 1969 13831	9.15 2021 2010 13986 1099
Sugarcane China - Sugar Supply Carry-in Stocks Production Beet Sugar Cane Sugar	9.15 / and Utiliz 2011 1607 11840 990	9.15 ation (1000) 2012 1273 12679 1166	9.15 metric tons, 2013 1314 12863 1010	9.15 raw value) 2014 1493 13136 1092	9.15 2015 1546 13256 1046	9.15 2016 1678 13398 1057	9.15 2017 1757 13518 1053	9.15 2018 1841 13625 1049	9.15 2019 1899 13737 1053	9.15 2020 1969 13831 1048	9.15 2021 2010 13986 1099
Sugarcane China - Sugar Supply Carry-in Stocks Production Beet Sugar Cane Sugar Net Imports	9.15 / and Utiliz 2011 1607 11840 990 10850	9.15 ation (1000) 2012 1273 12679 1166 11513	9.15 metric tons, 2013 1314 12863 1010 11853	9.15 raw value) 2014 1493 13136 1092 12044	9.15 2015 1546 13256 1046 12210	9.15 2016 1678 13398 1057 12341	9.15 2017 1757 13518 1053 12465	9.15 2018 1841 13625 1049 12575	9.15 2019 1899 13737 1053 12683	9.15 2020 1969 13831 1048 12783	9.15 2021 2010 13986 1099 12887
Sugarcane China - Sugar Supply Carry-in Stocks Production Beet Sugar Cane Sugar Net Imports Exports	9.15 / and Utiliz 2011 1607 11840 990 10850 2126 74	9.15 ation (1000) 2012 1273 12679 1166 11513 2551 #N/A	9.15 metric tons, 2013 1314 12863 1010 11853 2646 #N/A	9.15 raw value) 2014 1493 13136 1092 12044 2363 #N/A	9.15 2015 1546 13256 1046 12210 2433 #N/A	9.15 2016 1678 13398 1057 12341 2298 #N/A	9.15 2017 1757 13518 1053 12465 2258 #N/A	9.15 2018 1841 13625 1049 12575 2171 #N/A	9.15 2019 1899 13737 1053 12683 2080 #N/A	9.15 2020 1969 13831 1048 12783 2017 #N/A	9.15 2021 2010 13986 1099 12887 1930 #N/A
Sugarcane China - Sugar Supply Carry-in Stocks Production Beet Sugar Cane Sugar Net Imports Exports	9.15 / and Utiliz 2011 1607 11840 990 10850 2126 74 2200	9.15 ation (1000) 2012 1273 12679 1166 11513 2551 #N/A #N/A	9.15 metric tons, 2013 1314 12863 1010 11853 2646 #N/A #N/A	9.15 raw value) 2014 1493 13136 1092 12044 2363 #N/A #N/A	9.15 2015 1546 13256 1046 12210 2433 #N/A #N/A	9.15 2016 1678 13398 1057 12341 2298 #N/A #N/A	9.15 2017 1757 13518 1053 12465 2258 #N/A #N/A	9.15 2018 1841 13625 1049 12575 2171 #N/A #N/A	9.15 2019 1899 13737 1053 12683 2080 #N/A #N/A	9.15 2020 1969 13831 1048 12783 2017 #N/A #N/A	9.15 2021 2010 13986 1099 12887 1930 #N/A
Sugarcane China - Sugar Supply Carry-in Stocks Production Beet Sugar Cane Sugar Net Imports Exports Imports Consumption	9.15 / and Utiliz 2011 1607 11840 990 10850 2126 74	9.15 ation (1000) 2012 1273 12679 1166 11513 2551 #N/A	9.15 metric tons, 2013 1314 12863 1010 11853 2646 #N/A	9.15 raw value) 2014 1493 13136 1092 12044 2363 #N/A	9.15 2015 1546 13256 1046 12210 2433 #N/A	9.15 2016 1678 13398 1057 12341 2298 #N/A	9.15 2017 1757 13518 1053 12465 2258 #N/A	9.15 2018 1841 13625 1049 12575 2171 #N/A	9.15 2019 1899 13737 1053 12683 2080 #N/A	9.15 2020 1969 13831 1048 12783 2017 #N/A	9.15 2021 2010 13986 1099 12887 1930 #N/A
Sugarcane China - Sugar Supply Carry-in Stocks Production Beet Sugar Cane Sugar Net Imports Exports Imports Consumption	9.15 / and Utiliz 2011 1607 11840 990 10850 2126 74 2200 14300	9.15 ation (1000 to 2012 1273 12679 1166 11513 2551 #N/A #N/A 15188	9.15 metric tons, 2013 1314 12863 1010 11853 2646 #N/A #N/A 15331	9.15 raw value) 2014 1493 13136 1092 12044 2363 #N/A #N/A 15446	9.15 2015 1546 13256 1046 12210 2433 #N/A #N/A 15556	9.15 2016 1678 13398 1057 12341 2298 #N/A #N/A 15618	9.15 2017 1757 13518 1053 12465 2258 #N/A #N/A 15691	9.15 2018 1841 13625 1049 12575 2171 #N/A #N/A 15738	9.15 2019 1899 13737 1053 12683 2080 #N/A #N/A 15746	9.15 2020 1969 13831 1048 12783 2017 #N/A #N/A 15807	9.15 2021 2010 13986 1099 12887 1930 #N/A #N/A 15862
China - Sugar Supply Carry-in Stocks Production Beet Sugar Cane Sugar Net Imports Exports Imports Consumption Carry-out Stocks	9.15 / and Utiliz 2011 1607 11840 990 10850 2126 74 2200 14300 1273	9.15 ation (1000) 2012 1273 12679 1166 11513 2551 #N/A #N/A 15188 1314	9.15 metric tons, 2013 1314 12863 1010 11853 2646 #N/A #N/A 15331 1493	9.15 raw value) 2014 1493 13136 1092 12044 2363 #N/A #N/A 15446 1546 Stocks to Us	9.15 2015 1546 13256 1046 12210 2433 #N/A #N/A 15556 1678	9.15 2016 1678 13398 1057 12341 2298 #N/A #N/A 15618 1757	9.15 2017 1757 13518 1053 12465 2258 #N/A #N/A 15691 1841	9.15 2018 1841 13625 1049 12575 2171 #N/A #N/A 15738 1899	9.15 2019 1899 13737 1053 12683 2080 #N/A #N/A 15746 1969	9.15 2020 1969 13831 1048 12783 2017 #N/A #N/A 15807 2010	9.15 2021 2010 13986 1099 12887 1930 #N/A 15862 2064
China - Sugar Supply Carry-in Stocks Production Beet Sugar Cane Sugar Net Imports Exports Imports Consumption Carry-out Stocks China - Per Capita St	9.15 / and Utiliz 2011 1607 11840 990 10850 2126 74 2200 14300 1273	9.15 ation (1000) 2012 1273 12679 1166 11513 2551 #N/A #N/A 15188 1314	9.15 metric tons, 2013 1314 12863 1010 11853 2646 #N/A #N/A 15331 1493	9.15 raw value) 2014 1493 13136 1092 12044 2363 #N/A #N/A 15446 1546	9.15 2015 1546 13256 1046 12210 2433 #N/A #N/A 15556 1678	9.15 2016 1678 13398 1057 12341 2298 #N/A #N/A 15618 1757	9.15 2017 1757 13518 1053 12465 2258 #N/A #N/A 15691	9.15 2018 1841 13625 1049 12575 2171 #N/A #N/A 15738	9.15 2019 1899 13737 1053 12683 2080 #N/A #N/A 15746	9.15 2020 1969 13831 1048 12783 2017 #N/A #N/A 15807	9.15 2021 2010 13986 1099 12887 1930 #N/A #N/A 15862
China - Sugar Supply Carry-in Stocks Production Beet Sugar Cane Sugar Net Imports Exports Imports Consumption Carry-out Stocks China - Per Capita Stocks Per Capita Consumption	9.15 / and Utiliz 2011 1607 11840 990 10850 2126 74 2200 14300 1273 ugar Consi 2011 10.52	9.15 ation (1000 to 2012 1273 12679 1166 11513 2551 #N/A 15188 1314 umption (kild) 2012 11.12	9.15 metric tons, 2013 1314 12863 1010 11853 2646 #N/A #N/A 15331 1493 ograms) and 2013 11.18	9.15 raw value) 2014 1493 13136 1092 12044 2363 #N/A #N/A 15446 1546 Stocks to Use 2014 11.21	9.15 2015 1546 13256 1046 12210 2433 #N/A 15556 1678 see Ratio (per 2015 11.24	9.15 2016 1678 13398 1057 12341 2298 #N/A #N/A 15618 1757 cent) 2016 11.24	9.15 2017 1757 13518 1053 12465 2258 #N/A #N/A 15691 1841 2017	9.15 2018 1841 13625 1049 12575 2171 #N/A 15738 1899	9.15 2019 1899 13737 1053 12683 2080 #N/A #N/A 15746 1969	9.15 2020 1969 13831 1048 12783 2017 #N/A #N/A 15807 2010	9.15 2021 2010 13986 1099 12887 1930 #N/A 15862 2064 2021 11.25
China - Sugar Supply Carry-in Stocks Production Beet Sugar Cane Sugar Net Imports Exports Imports Consumption Carry-out Stocks China - Per Capita Stocks/Consumption Stocks/Consumption	9.15 / and Utiliz 2011 1607 11840 990 10850 2126 74 2200 14300 1273	9.15 ation (1000 to 2012 1273 12679 1166 11513 2551 #N/A #N/A 15188 1314 umption (kild) 2012	9.15 metric tons, 2013 1314 12863 1010 11853 2646 #N/A #N/A 15331 1493	9.15 raw value) 2014 1493 13136 1092 12044 2363 #N/A #N/A 15446 1546 Stocks to Us	9.15 2015 1546 13256 1046 12210 2433 #N/A #N/A 15556 1678	9.15 2016 1678 13398 1057 12341 2298 #N/A #N/A 15618 1757 ccent) 2016	9.15 2017 1757 13518 1053 12465 2258 #N/A #N/A 15691 1841	9.15 2018 1841 13625 1049 12575 2171 #N/A #N/A 15738 1899	9.15 2019 1899 13737 1053 12683 2080 #N/A #N/A 15746 1969	9.15 2020 1969 13831 1048 12783 2017 #N/A #N/A 15807 2010	9.15 2021 2010 13986 1099 12887 1930 #N/A #N/A 15862 2064
China - Sugar Supply Carry-in Stocks Production Beet Sugar Cane Sugar Net Imports Exports Imports Consumption Carry-out Stocks China - Per Capita Sumper Capita Consumption Stocks/Consumption	9.15 / and Utiliz 2011 1607 11840 990 10850 2126 74 2200 14300 1273 ugar Const 2011 10.52 8.90	9.15 ation (1000) 2012 1273 12679 1166 11513 2551 #N/A #N/A 15188 1314 umption (kild) 2012 11.12 8.65	9.15 metric tons, 2013 1314 12863 1010 11853 2646 #N/A #N/A 15331 1493 ograms) and 2013 11.18 9.74	9.15 raw value) 2014 1493 13136 1092 12044 2363 #N/A #N/A 15446 1546 Stocks to Us 2014 11.21 10.01	9.15 2015 1546 13256 1046 12210 2433 #N/A #N/A 15556 1678 see Ratio (per 2015 11.24 10.78	9.15 2016 1678 13398 1057 12341 2298 #N/A #N/A 15618 1757 ccent) 2016 11.24 11.25	9.15 2017 1757 13518 1053 12465 2258 #N/A #N/A 15691 1841 2017 11.25 11.74	9.15 2018 1841 13625 1049 12575 2171 #N/A #N/A 15738 1899 2018 11.25 12.07	9.15 2019 1899 13737 1053 12683 2080 #N/A #N/A 15746 1969	9.15 2020 1969 13831 1048 12783 2017 #N/A #N/A 15807 2010	9.15 2021 2010 13986 1099 12887 1930 #N/A 15862 2064 2021 11.25
China - Sugar Supply Carry-in Stocks Production Beet Sugar Cane Sugar Net Imports Exports Imports Consumption Carry-out Stocks China - Per Capita Sumper Capita Consumption Consumption Consumption Consumption Consumption Consumption Consumption Consumption Consumption	9.15 / and Utiliz 2011 1607 11840 990 10850 2126 74 2200 14300 1273 ugar Const 2011 10.52 8.90	9.15 ation (1000 to 2012 1273 12679 1166 11513 2551 #N/A #N/A 15188 1314 umption (kilo 2012 11.12 8.65	9.15 metric tons, 2013 1314 12863 1010 11853 2646 #N/A #N/A 15331 1493 ograms) and 2013 11.18 9.74	9.15 raw value) 2014 1493 13136 1092 12044 2363 #N/A #N/A 15446 1546 Stocks to U: 2014 11.21 10.01	9.15 2015 1546 13256 1046 12210 2433 #N/A #N/A 15556 1678 See Ratio (per 2015 11.24 10.78	9.15 2016 1678 13398 1057 12341 2298 #N/A #N/A 15618 1757 2016 11.24 11.25 and Production	9.15 2017 1757 13518 1053 12465 2258 #N/A #N/A 15691 1841 2017 11.25 11.74	9.15 2018 1841 13625 1049 12575 2171 #N/A #N/A 15738 1899 2018 11.25 12.07	9.15 2019 1899 13737 1053 12683 2080 #N/A #N/A 15746 1969 2019 11.22 12.51	9.15 2020 1969 13831 1048 12783 2017 #N/A #N/A 15807 2010 2020 11.23 12.72	9.15 2021 2010 13986 1099 12887 1930 #N/A 15862 2064 2021 11.25 13.01
China - Sugar Supply Carry-in Stocks Production Beet Sugar Cane Sugar Net Imports Exports Imports Consumption Carry-out Stocks Per Capita Supply Consumption Stocks/Consumption Cuba - Sugarcane Ar	9.15 / and Utiliz 2011 1607 11840 990 10850 2126 74 2200 14300 1273 ugar Const 2011 10.52 8.90 rea Harves 2011	9.15 ation (1000 to 2012 1273 12679 1166 11513 2551 #N/A #N/A 15188 1314 umption (kilo 2012 11.12 8.65 ted (1000 he 2012	9.15 metric tons, 2013 1314 12863 1010 11853 2646 #N/A #N/A 15331 1493 ograms) and 2013 11.18 9.74 ectares), Yie 2013	9.15 raw value) 2014 1493 13136 1092 12044 2363 #N/A #N/A 15446 1546 Stocks to U: 2014 11.21 10.01	9.15 2015 1546 13256 1046 12210 2433 #N/A #N/A 15556 1678 se Ratio (per 2015 11.24 10.78	9.15 2016 1678 13398 1057 12341 2298 #N/A #N/A 15618 1757 2016 11.24 11.25 and Production 2016	9.15 2017 1757 13518 1053 12465 2258 #N/A #N/A 15691 1841 2017 11.25 11.74	9.15 2018 1841 13625 1049 12575 2171 #N/A #N/A 15738 1899 2018 11.25 12.07	9.15 2019 1899 13737 1053 12683 2080 #N/A #N/A 15746 1969 2019 11.22 12.51	9.15 2020 1969 13831 1048 12783 2017 #N/A 15807 2010 2020 11.23 12.72	9.15 2021 2010 13986 1099 12887 1930 #N/A #N/A 15862 2064 2021 11.25 13.01
ū	9.15 / and Utiliz 2011 1607 11840 990 10850 2126 74 2200 14300 1273 ugar Const 2011 10.52 8.90	9.15 ation (1000 to 2012 1273 12679 1166 11513 2551 #N/A #N/A 15188 1314 umption (kilo	9.15 metric tons, 2013 1314 12863 1010 11853 2646 #N/A #N/A 15331 1493 ograms) and 2013 11.18 9.74	9.15 raw value) 2014 1493 13136 1092 12044 2363 #N/A #N/A 15446 1546 Stocks to U: 2014 11.21 10.01	9.15 2015 1546 13256 1046 12210 2433 #N/A #N/A 15556 1678 See Ratio (per 2015 11.24 10.78	9.15 2016 1678 13398 1057 12341 2298 #N/A #N/A 15618 1757 2016 11.24 11.25 and Production	9.15 2017 1757 13518 1053 12465 2258 #N/A #N/A 15691 1841 2017 11.25 11.74	9.15 2018 1841 13625 1049 12575 2171 #N/A #N/A 15738 1899 2018 11.25 12.07	9.15 2019 1899 13737 1053 12683 2080 #N/A #N/A 15746 1969 2019 11.22 12.51	9.15 2020 1969 13831 1048 12783 2017 #N/A #N/A 15807 2010 2020 11.23 12.72	9.15 2021 2010 13986 1099 12887 1930 #N/A 15862 2064 2021 11.25 13.01

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugarcane	10.34	10.34	10.34	10.34	10.34	10.34	10.34	10.34	10.34	10.34	10.34
Cuba - Sugar Supply	and Utiliza 2011	ation (1000 2012	metric tons, 2013	raw value) 2014	2015	2016	2017	2018	2010	2020	2021
Carry-in Stocks	75	75	75	80	2015 81	83	2017 85	87	2019 88	89	90
Production	1250	75 1265	75 1271	1265	1275	os 1277	1285	1289	1296	1300	1308
Net Exports	615	599	573	563	554	549	539	537	533	531	532
Consumption	675	667	693	701	718	727	744	751	762	767	775
Carry-out Stocks	75	75	80	81	83	85	87	88	89	90	92
Cuba - Per Capita Su	gar Consu	ımption (kild	ograms) and	Stocks to Us	se Ratio (per	cent)					
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Per Capita Consumption Stocks/Consumptio	57.75	57.12	59.43	60.15	61.72	62.61	64.19	64.91	65.99	66.57	67.36
n	11.11	11.19	11.50	11.52	11.62	11.68	11.71	11.75	11.72	11.79	11.86
Egypt - Area Harveste			0046	0047	0015	0010	004=	0010	0010	0000	000:
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugar Beets	98	99	98	99	99	99	100	100	100	101	101
Sugarcane	125	125	125	126	126	127	128	130	131	133	134
Total Area	223	223	223	224	225	227	228	230	231	233	235
· ·	tons/hecta	are) 2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
· · ·	2011 63.00	•	2013 63.31	2014 63.58	2015 63.90	2016 64.21	2017 64.52	2018 64.83	2019 65.14	2020 65.45	
Sugar Beets	2011	2012									65.76
Sugar Beets	2011 63.00 101.4	2012 62.87	63.31	63.58	63.90	64.21	64.52	64.83	65.14	65.45	65.76
Sugar Beets Sugarcane	2011 63.00 101.4 0	2012 62.87 101.65	63.31 101.96	63.58 102.32	63.90 102.73	64.21 103.18	64.52 103.66	64.83 104.17	65.14 104.70	65.45 105.25	65.76 105.8
Sugar Beets Sugarcane Egypt - Production (1)	2011 63.00 101.4 0	2012 62.87 101.65 tons)	63.31 101.96 2013	63.58 102.32	63.90 102.73 2015	64.21 103.18 2016	64.52 103.66 2017	64.83 104.17 2018	65.14 104.70 2019	65.45 105.25 2020	65.76 105.8 2021
Sugar Beets Sugarcane Egypt - Production (1) Sugar Beets	2011 63.00 101.4 0 000 metric 2011 7400	2012 62.87 101.65 :tons) 2012 6202	63.31 101.96 2013 6223	63.58 102.32 2014 6271	63.90 102.73 2015 6323	64.21 103.18 2016 6373	64.52 103.66 2017 6427	64.83 104.17 2018 6480	65.14 104.70 2019 6534	65.45 105.25 2020 6587	65.76 105.8 2021 6642
Sugar Beets Sugarcane Egypt - Production (1) Sugar Beets	2011 63.00 101.4 0	2012 62.87 101.65 tons)	63.31 101.96 2013	63.58 102.32	63.90 102.73 2015	64.21 103.18 2016	64.52 103.66 2017	64.83 104.17 2018	65.14 104.70 2019	65.45 105.25 2020	65.76 105.8 2021 6642
Sugar Beets Sugarcane Egypt - Production (1: Sugar Beets Sugarcane	2011 63.00 101.4 0 000 metric 2011 7400 12645	2012 62.87 101.65 2012 6202 12689	63.31 101.96 2013 6223	63.58 102.32 2014 6271	63.90 102.73 2015 6323	64.21 103.18 2016 6373	64.52 103.66 2017 6427	64.83 104.17 2018 6480	65.14 104.70 2019 6534	65.45 105.25 2020 6587	65.76 105.8 2021 6642
Sugar Beets Sugarcane Egypt - Production (1: Sugar Beets Sugarcane	2011 63.00 101.4 0 000 metric 2011 7400 12645	2012 62.87 101.65 2012 6202 12689	63.31 101.96 2013 6223	63.58 102.32 2014 6271	63.90 102.73 2015 6323	64.21 103.18 2016 6373	64.52 103.66 2017 6427	64.83 104.17 2018 6480	65.14 104.70 2019 6534	65.45 105.25 2020 6587	65.76 105.8 2021 6642
Sugar Beets Sugarcane Egypt - Production (1) Sugar Beets Sugarcane Egypt - Sugar Extract	2011 63.00 101.4 0 000 metric 2011 7400 12645	2012 62.87 101.65 2012 6202 12689 (percent)	63.31 101.96 2013 6223 12762	63.58 102.32 2014 6271 12861	63.90 102.73 2015 6323 12988	64.21 103.18 2016 6373 13140	64.52 103.66 2017 6427 13315	64.83 104.17 2018 6480 13513	65.14 104.70 2019 6534 13731	65.45 105.25 2020 6587 13969	2021 6642 1422 2021
Sugarcane Egypt - Production (1	2011 63.00 101.4 0 000 metric 2011 7400 12645 ion Rates 2011	2012 62.87 101.65 2012 6202 12689 (percent) 2012	63.31 101.96 2013 6223 12762	63.58 102.32 2014 6271 12861	63.90 102.73 2015 6323 12988	64.21 103.18 2016 6373 13140	64.52 103.66 2017 6427 13315	64.83 104.17 2018 6480 13513	65.14 104.70 2019 6534 13731	65.45 105.25 2020 6587 13969	65.76 105.8 2021 6642 14225
Sugar Beets Sugarcane Egypt - Production (1) Sugar Beets Sugarcane Egypt - Sugar Extract Sugar Beets	2011 63.00 101.4 0 000 metric 2011 7400 12645 ion Rates 2011 12.75	2012 62.87 101.65 2012 6202 12689 (percent) 2012 12.75	63.31 101.96 2013 6223 12762 2013 12.75	63.58 102.32 2014 6271 12861 2014 12.75	63.90 102.73 2015 6323 12988 2015 12.75	64.21 103.18 2016 6373 13140 2016 12.75	64.52 103.66 2017 6427 13315 2017 12.75	64.83 104.17 2018 6480 13513 2018 12.75	65.14 104.70 2019 6534 13731 2019 12.75	65.45 105.25 2020 6587 13969 2020 12.75	2021 6642 14225 2021 12.75
Sugar Beets Sugarcane Egypt - Production (1) Sugar Beets Sugarcane Egypt - Sugar Extract Sugar Beets Sugar Beets Sugar Beets Sugar Beets Sugar Cane	2011 63.00 101.4 0 000 metric 2011 7400 12645 ion Rates 2011 12.75 8.60	2012 62.87 101.65 2012 6202 12689 (percent) 2012 12.75 8.60	63.31 101.96 2013 6223 12762 2013 12.75 8.60	63.58 102.32 2014 6271 12861 2014 12.75 8.60	63.90 102.73 2015 6323 12988 2015 12.75	64.21 103.18 2016 6373 13140 2016 12.75	64.52 103.66 2017 6427 13315 2017 12.75	64.83 104.17 2018 6480 13513 2018 12.75	65.14 104.70 2019 6534 13731 2019 12.75	65.45 105.25 2020 6587 13969 2020 12.75	2021 6642 1422 2021 12.75
Sugar Beets Sugarcane Egypt - Production (1: Sugar Beets Sugarcane Egypt - Sugar Extract Sugar Beets Sugarcane Egypt - Sugar Extract	2011 63.00 101.4 0 000 metric 2011 7400 12645 ion Rates 2011 12.75 8.60 and Utiliza 2011	2012 62.87 101.65 2012 6202 12689 (percent) 2012 12.75 8.60	2013 6223 12762 2013 12.75 8.60	2014 6271 12861 2014 12.75 8.60 raw value) 2014	63.90 102.73 2015 6323 12988 2015 12.75 8.60	2016 6373 13140 2016 12.75 8.60	2017 6427 13315 2017 12.75 8.60	2018 64.83 104.17 2018 6480 13513 2018 12.75 8.60	2019 6534 13731 2019 12.75 8.60	2020 6587 13969 2020 12.75 8.60	2021 2021 6642 1422 2021 2021
Sugar Beets Sugarcane Egypt - Production (1) Sugar Beets Sugarcane Egypt - Sugar Extract Sugar Beets Sugarcane Egypt - Sugar Supply	2011 63.00 101.4 0 000 metric 2011 7400 12645 ion Rates 2011 12.75 8.60 and Utiliza	2012 62.87 101.65 2012 6202 12689 (percent) 2012 12.75 8.60	63.31 101.96 2013 6223 12762 2013 12.75 8.60	63.58 102.32 2014 6271 12861 2014 12.75 8.60	63.90 102.73 2015 6323 12988 2015 12.75 8.60	2016 6373 13140 2016 12.75 8.60	64.52 103.66 2017 6427 13315 2017 12.75 8.60	2018 6480 13513 2018 12.75 8.60	2019 6534 13731 2019 12.75 8.60	2020 6587 13969 2020 12.75 8.60	2021 6642 1422 2021 12.75 8.60
Sugar Beets Sugarcane Egypt - Production (1) Sugar Beets Sugarcane Egypt - Sugar Extract Sugar Beets	2011 63.00 101.4 0 000 metric 2011 7400 12645 ion Rates 2011 12.75 8.60 and Utiliza 2011	2012 62.87 101.65 2012 6202 12689 (percent) 2012 12.75 8.60	2013 6223 12762 2013 12.75 8.60	2014 6271 12861 2014 12.75 8.60 raw value) 2014	63.90 102.73 2015 6323 12988 2015 12.75 8.60	2016 6373 13140 2016 12.75 8.60	2017 6427 13315 2017 12.75 8.60	2018 64.83 104.17 2018 6480 13513 2018 12.75 8.60	2019 6534 13731 2019 12.75 8.60	2020 6587 13969 2020 12.75 8.60	2021 6642 1422 2021 12.75 8.60
Sugar Beets Sugarcane Egypt - Production (1: Sugar Beets Sugarcane Egypt - Sugar Extract Sugar Beets Sugarcane Egypt - Sugar Supply Carry-in Stocks	2011 63.00 101.4 0 000 metric 2011 7400 12645 ion Rates 2011 12.75 8.60 and Utiliza 2011 129	2012 62.87 101.65 2012 6202 12689 (percent) 2012 12.75 8.60 ation (1000 2012 334	2013 6223 12762 2013 12.75 8.60 metric tons, 2013 337	2014 6271 12861 2014 12.75 8.60 raw value) 2014 342	2015 12.75 8.60 2015 347	2016 6373 13140 2016 12.75 8.60	2017 12.75 8.60 2017 358	2018 64.83 104.17 2018 6480 13513 2018 12.75 8.60	2019 6534 13731 2019 12.75 8.60	2020 6587 13969 2020 12.75 8.60	2021 6642 1422 2021 12.75 8.60
Sugar Beets Sugarcane Egypt - Production (1: Sugar Beets Sugarcane Egypt - Sugar Extract Sugar Beets Sugarcane Egypt - Sugar Supply Carry-in Stocks Production	2011 63.00 101.4 0 000 metric 2011 7400 12645 ion Rates 2011 12.75 8.60 and Utiliza 2011 129 2025	2012 62.87 101.65 2012 6202 12689 (percent) 2012 12.75 8.60 ation (1000 2012 334 1882	2013 6223 12762 2013 12.75 8.60 metric tons, 2013 337 1891	2014 6271 12861 2014 12.75 8.60 raw value) 2014 342 1906	2015 63.90 2015 6323 12988 2015 12.75 8.60 2015 347 1923	2016 6373 13140 2016 12.75 8.60 2016 352 1943	2017 64.52 2017 6427 13315 2017 12.75 8.60 2017 358 1965	2018 64.83 104.17 2018 6480 13513 2018 12.75 8.60	2019 6534 13731 2019 12.75 8.60 2019 369 2014	2020 6587 13969 2020 12.75 8.60	2021 6642 1422 2021 12.73 8.60 2021 380 2070 847
Sugar Beets Sugarcane Egypt - Production (1) Sugar Beets Sugarcane Egypt - Sugar Extract Sugar Beets Sugarcane Egypt - Sugar Extract Carry-in Stocks Production Beet Sugar Cane Sugar	2011 63.00 101.4 0 000 metric 2011 7400 12645 ion Rates 2011 12.75 8.60 and Utiliz: 2011 129 2025 945	2012 62.87 101.65 2012 6202 12689 (percent) 2012 12.75 8.60 ation (1000 2012 334 1882 791	2013 6223 12762 2013 12.75 8.60 metric tons, 2013 337 1891 793	2014 6271 12861 2014 12.75 8.60 raw value) 2014 342 1906 800	2015 63.90 2015 6323 12988 2015 12.75 8.60 2015 347 1923 806	2016 6373 13140 2016 12.75 8.60 2016 352 1943 813	2017 64.52 103.66 2017 6427 13315 2017 12.75 8.60 2017 358 1965 819	2018 64.83 104.17 2018 6480 13513 2018 12.75 8.60 2018 364 1988 826	2019 6534 13731 2019 12.75 8.60 2019 369 2014 833	2020 6587 13969 2020 12.75 8.60 2020 375 2041 840	2021 6642 1422 2021 12.75 8.60 2021 380 2070 847 1223
Sugar Beets Sugarcane Egypt - Production (1: Sugar Beets Sugarcane Egypt - Sugar Extract Sugar Beets Sugarcane Egypt - Sugar Supply Carry-in Stocks Production Beet Sugar Cane Sugar Net Imports	2011 63.00 101.4 0 000 metric 2011 7400 12645 ion Rates 2011 12.75 8.60 and Utilize 2011 129 2025 945 1080	2012 62.87 101.65 2012 6202 12689 (percent) 2012 12.75 8.60 2012 334 1882 791 1091	2013 6223 12762 2013 12.75 8.60 metric tons, 2013 337 1891 793 1097	2014 6271 12861 2014 12.75 8.60 raw value) 2014 342 1906 800 1106	2015 63.90 2015 6323 12988 2015 12.75 8.60 2015 347 1923 806 1117	2016 6373 13140 2016 12.75 8.60 2016 352 1943 813 1130	2017 6427 13315 2017 12.75 8.60 2017 358 1965 819 1145	2018 6480 13513 2018 12.75 8.60 2018 364 1988 826 1162	2019 6534 13731 2019 12.75 8.60 2019 369 2014 833 1181	2020 6587 13969 2020 12.75 8.60 2020 375 2041 840 1201	2021 6642 1422 2021 12.75 8.60 2021 380 2070
Sugar Beets Sugarcane Egypt - Production (1: Sugar Beets Sugarcane Egypt - Sugar Extract Sugar Beets Sugarcane Egypt - Sugar Supply Carry-in Stocks Production Beet Sugar	2011 63.00 101.4 0 000 metric 2011 7400 12645 ion Rates 2011 12.75 8.60 and Utiliza 2011 129 2025 945 1080 1030	2012 62.87 101.65 2012 6202 12689 (percent) 2012 12.75 8.60 attion (1000 2012 334 1882 791 1091 969	2013 6223 12762 2013 12.75 8.60 metric tons, 2013 337 1891 793 1097 1051	2014 6271 12861 2014 12.75 8.60 raw value) 2014 342 1906 800 1106 1105	2015 102.75 8.60 2015 12.75 8.60 2015 147 1923 806 1117 1175	2016 6373 13140 2016 12.75 8.60 2016 352 1943 813 1130 1230	2017 6427 13315 2017 12.75 8.60 2017 358 1965 819 1145 1288	2018 64.83 104.17 2018 6480 13513 2018 12.75 8.60 2018 364 1988 826 1162 1331	2019 6534 13731 2019 12.75 8.60 2019 369 2014 833 1181 1373	2020 6587 13969 2020 12.75 8.60 2020 375 2041 840 1201 1409	2021 6642 1422 2021 12.75 8.60 2021 380 2070 847 1223 1442
Sugar Beets Sugarcane Egypt - Production (19 Sugar Beets Sugarcane Egypt - Sugar Extract Sugar Beets Sugarcane Egypt - Sugar Extract Carry-in Stocks Production Beet Sugar Cane Sugar Net Imports Exports	2011 63.00 101.4 0 000 metric 2011 7400 12645 ion Rates 2011 12.75 8.60 and Utilize 2011 129 2025 945 1080 1030 400	2012 62.87 101.65 2012 6202 12689 (percent) 2012 12.75 8.60 2012 334 1882 791 1091 969 #N/A	2013 6223 12762 2013 12.75 8.60 metric tons, 2013 337 1891 793 1097 1051 #N/A	2014 6271 12861 2014 12.75 8.60 raw value) 2014 342 1906 800 1106 1105 #N/A	2015 63.90 2015 6323 12988 2015 12.75 8.60 2015 347 1923 806 1117 1175 #N/A	2016 6373 13140 2016 12.75 8.60 2016 352 1943 813 1130 1230 #N/A	2017 6427 13315 2017 12.75 8.60 2017 358 1965 819 1145 1288 #N/A	2018 6480 13513 2018 12.75 8.60 2018 12.75 8.60	2019 6534 13731 2019 12.75 8.60 2019 369 2014 833 1181 1373 #N/A	2020 6587 13969 2020 12.75 8.60 2020 375 2041 840 1201 1409 #N/A	2021 6642 1422 2021 12.75 8.60 2070 847 1223 1442 #N/A

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Per Capita Consumption Stocks/Consumptio	35.16	34.45	34.87	35.03	35.39	35.60	35.88	36.00	36.15	36.23	36.31
n	11.72	11.85	11.65	11.54	11.40	11.30	11.20	11.14	11.08	11.04	10.99
European Union - Su	nar Ouota	(1000 metric	ctone white	sugar equiv	ralent)						
Ediopean Officir - Od	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
A-Quota	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
B-Quota	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
A plus B Quota	13669	13669	13669	13669	13669	13669	13669	13669	13669	13669	13669
Raw Sugar Equivalent	14626	14626	14626	14626	14626	14626	14626	14626	14626	14626	14626
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Area Harvested	1930	1932	1928	1917	1911	1902	1896	1889	1883	1876	1872
Yield	56.70	56.56	56.62	56.73	56.88	57.02	57.18	57.33	57.48	57.64	57.79
Production	10943 1	109271	109151	108737	108670	108473	108411	108288	108245	108151	10818
European Union - Su	gar Extrac 2011	tion Rates (p 2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugar Beets	15.04	15.04	15.04	15.04	15.04	15.04	15.04	15.04	15.04	15.04	15.04
European Union - Su	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Carry-in Stocks	1814	1894	1899	1915	1924	1933	1939	1949	1961	1970	1975
Production	16740	16724	16706	16644	16634	16604	16595	16577	16570	16556	16560
Net Exports	-940	-766	-914	-1052	-1108	-1180	-1272	-1404	-1480	-1522	-1587
Exports	2210	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	3150	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	17600	17485	17604	17687	17733	17778	17857	17969	18041	18073	18139
Carry-out Stocks	1894	1899	1915	1924	1933	1939	1949	1961	1970	1975	1982
European Union - Pe	r Capita Sı	ugar Consur	nption (kilog	rams) and S	tocks to Use	Ratio (perc	ent)				
Day Con't-	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Per Capita Consumption Stocks/Consumptio	48.57	48.15	48.38	48.50	48.54	48.56	48.69	48.92	49.05	49.08	49.21
n '	10.76	10.86	10.88	10.88	10.90	10.91	10.92	10.91	10.92	10.93	10.93
India - Sugar Supply	and Litiliza	tion (1000 m	notrio tono r	ow volue)							
muia - Sugai Suppiy	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Carry-in Stocks	6059	6859	6581	6596	6652	6741	6823	6908	6980	7052	7113
Production	28300	28078	28334	28658	28908	29224	29573	29847	30178	30545	30932
Net Exports	2500	3016	2640	2591	2477	2474	2497	2463	2477	2543	2624
Exports	2500	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	25000	25341	25678	26011	26341	26667	26991	27312	27629	27942	28252

Per Capita Consumption	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
JONSUMDIION	10.70	10.70	10.72	10.74	10.74	10.75	10.75	10.76	10.76	10.77	10.7
stocks/Consumptio	19.72	19.73	19.73	19.74	19.74	19.75	19.75	19.76	19.76	19.77	19.77
	27.44	25.97	25.69	25.57	25.59	25.59	25.59	25.56	25.52	25.46	25.38
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Area Harvested	387	386	384	383	383	383	383	384	385	386	388
/ield	67.00	64.02	64.52	65.02	65.52	66.02	66.52	67.02	67.52	68.02	68.5
Production	25929	24700	24792	24914	25090	25284	25511	25751	26012	26284	2657
ndonesia - Sugar Exi	traction Ra	ate									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugarcane	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
ndonesia - Sugar Su	pply and L	Utilization (1	000 metric to	ons, raw valu	ıe)						
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	202
arry-in Stocks	515	413	464	467	467	468	468	468	468	468	467
Production	2088	1976	1983	1993	2007	2023	2041	2060	2081	2103	2126
let Imports	3010	3246	3245	3285	3324	3359	3392	3422	3450	3476	3499
exports	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
mports	3010	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	5200	5171	5225	5278	5331	5382	5432	5482	5531	5579	5626
Carry-out Stocks	413	464	467	467	468	468	468	468	468	467	467
		onsumption									
ndonesia - Per Capit			2013	2014	2015	2016	2017	2018	2019	2020	202
•	a Sugar C	2012	20.0					24.40	21.11		
ndonesia - Per Capit Per Capita Consumption		2012	21.09	21.09	21.10	21.10	21.10	21.10	21.11	21.11	21.1
Per Capita	2011			21.09 8.85	21.10 8.77	21.10 8.69	21.10 8.61	8.53	8.46	8.38	
Per Capita Consumption Stocks/Consumptio	2011 21.43 7.94	21.09 8.98	21.09								
Per Capita Consumption Stocks/Consumptio	2011 21.43 7.94	21.09 8.98	21.09								8.30
Per Capita Consumption Stocks/Consumptio	2011 21.43 7.94	21.09 8.98 hectares)	21.09 8.93	8.85	8.77	8.69	8.61	8.53	8.46	8.38	8.30
Per Capita Consumption Stocks/Consumptio	2011 21.43 7.94 ted (1000 h	21.09 8.98 hectares)	21.09 8.93 2013	2014	8.77 2015	8.69 2016	2017	2018	2019	8.38	8.30

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugar Beets	4028	3909	3839	3796	3764	3728	3681	3620	3604	3575	3538
Sugarcane	1364	1336	1345	1351	1355	1353	1344	1329	1309	1288	1267
-											
apan - Sugar Extrac	tion Rates	(percent)									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Sugar Beets	18.94	18.94	18.94	18.94	18.94	18.94	18.94	18.94	18.94	18.94	18.9
Sugarcane	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13
Japan - Sugar Supply					2015	2016	2017	2019	2010	2020	2021
Communic Ctoolso	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Carry-in Stocks	267	365	345	337	333	333	335	338	342	346	350
Production	770	902	890	883	877	870	860	847	841	833	824
Beet Sugar	600	740	727	719	713	706	697	686	683	677	670
Cane Sugar	170	162	163	164	164	164	163	161	159	156	154
Net Imports	1638	1339	1384	1395	1409	1419	1424	1424	1415	1405	1397
Exports	2	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
mports	1640	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	2270	2262	2282	2281	2286	2288	2280	2267	2252	2235	2217
Carry-out Stocks	365	345	337	333	333	335	338	342	346	350	354
Japan - Per Capita Sı	ugar Cons	umption (kil	lograms) and	d Stocks to U	Jse Ratio (pe	ercent)					
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Per Capita Consumption	17.94	17.89	18.07	18.09	18.15	18.19	18.17	18.11	18.03	17.94	17.8
Stocks/Consumptio	16.08	15.25	14.75	14.60	14.57	14.64	14.83	15.08	15.37	15.66	15.9
Koroo Sugar Supply	ond Litilia	ation (1000	matria tana	row voluo)							
Korea - Sugar Supply		,			2045	2010	2047	204.0	2010	2020	2001
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Carry-in Stocks	526	526	521	531	538	546	556	568	580	594	606
Net Imports	1280	1277	1302	1307	1322	1326	1337	1340	1349	1352	1362
Exports	340	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	1620	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	1280	1282	1291	1301	1313	1316	1325	1328	1335	1340	1349
Carry-out Stocks	526	521	531	538	546	556	568	580	594	606	619
Korea - Per Capita Su											
Per Capita	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Per Capita Consumption Stocks/Consumptio	25.77	25.76	25.89	26.04	26.25	26.28	26.42	26.45	26.56	26.64	26.82
Stocks/Consumptio	41.09	40.62	41.15	41.33	41.58	42.20	42.83	43.66	44.49	45.23	45.8
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Area Harvested	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
	268	273	278	282	286	289	291	291	292	294	297
Yield	268 67.50	273 67.61	278 67.76	282 67.91	286 68.06	289 68.21	291 68.36	291 68.51	292 68.56	294 68.71	297 68.8
Yield	268	273	278	282	286	289	291	291	292	294	297 68.8
Yield Production	268 67.50 18090	273 67.61 18482	278 67.76 18835	282 67.91	286 68.06	289 68.21	291 68.36	291 68.51	292 68.56	294 68.71	297 68.8
Yield Production	268 67.50 18090	273 67.61 18482 Rates (perc	278 67.76 18835 cent)	282 67.91 19156	286 68.06 19463	289 68.21 19693	291 68.36 19879	291 68.51 19969	292 68.56 20042	294 68.71 20221	297 68.8 2044
Area Harvested Yield Production South Africa - Sugar I	268 67.50 18090	273 67.61 18482	278 67.76 18835	282 67.91	286 68.06	289 68.21	291 68.36	291 68.51	292 68.56	294 68.71	2021 297 68.8 2044 2021

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Carry-in Stocks	200	195	210	212	216	217	218	219	221	222	218
Production	2000	2046	2085	2121	2155	2180	2201	2211	2219	2238	2263
Net Exports	330	367	423	462	501	527	546	553	560	583	601
•											
Exports	480	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	150	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	1675	1664	1661	1655	1653	1652	1654	1656	1657	1659	1661
Carry-out Stocks	195	210	212	216	217	218	219	221	222	218	220
South Africa - Per Ca	nita Sugar	Consumpt	ion (kilogram	ns) and Stock	ks to Use Ra	tio (nercent)					
oddii 7 dii da	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Per Capita Consumption	37.18	37.08	37.16	37.21	37.23	37.18	37.17	37.19	37.18	37.19	37.21
Stocks/Consumption	11.64	12.65	12.77	13.08	13.14	13.19	13.27	13.34	13.41	13.16	13.21
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Area Harvested	2750	2812	2856	2880	2899	2909	2917	2920	2921	2919	2919
Yield	24.90	23.48	23.81	23.92	24.02	24.11	24.19	24.28	24.37	24.45	24.64
Production	68475	66028	68021	68893	69627	70134	70573	70889	71175	71383	7190
Former Soviet Union Sugar Beets	- Sugar Ex 2011 11.56	2012 11.56	2013 11.56	2014 11.56	2015 11.56	2016 11.56	2017 11.56	2018 11.56	2019	2020 11.56	2021
						,					
Former Soviet Union				00 metric toi	ns, raw value	?)					
0 1 0 1	2011	2012			0045	0040	0047	0040	2010	2000	0004
Carry-in Stocks			2013	2014	2015	2016	2017	2018	2019	2020	2021
	1426	1516	1528	1580	1575	1600	1617	1642	1661	1686	1702
	7914	1516 7633	1528 7863	1580 7964	1575 8049	1600 8107	1617 8158	1642 8195	1661 8228	1686 8252	1702 8312
		1516	1528	1580	1575	1600	1617	1642	1661	1686	1702
Net Imports	7914	1516 7633	1528 7863	1580 7964	1575 8049	1600 8107	1617 8158	1642 8195	1661 8228	1686 8252	1702 8312
Net Imports Exports	7914 2950	1516 7633 2628	1528 7863 2527	1580 7964 2396	1575 8049 2400	1600 8107 2369	1617 8158 2378	1642 8195 2375	1661 8228 2397	1686 8252 2394	1702 8312 2357
Net Imports Exports Imports	7914 2950 1119	1516 7633 2628 #N/A	1528 7863 2527 #N/A	1580 7964 2396 #N/A	1575 8049 2400 #N/A	1600 8107 2369 #N/A	1617 8158 2378 #N/A	1642 8195 2375 #N/A	1661 8228 2397 #N/A	1686 8252 2394 #N/A	1702 8312 2357 #N/A #N/A
Net Imports Exports mports Consumption	7914 2950 1119 4069	1516 7633 2628 #N/A #N/A	1528 7863 2527 #N/A #N/A	1580 7964 2396 #N/A #N/A	1575 8049 2400 #N/A #N/A	1600 8107 2369 #N/A #N/A	1617 8158 2378 #N/A #N/A	1642 8195 2375 #N/A #N/A	1661 8228 2397 #N/A #N/A	1686 8252 2394 #N/A #N/A	1702 8312 2357 #N/A #N/A 1065
Net Imports Exports Imports Consumption Carry-out Stocks	7914 2950 1119 4069 10759 1516	1516 7633 2628 #N/A #N/A 10250 1528	1528 7863 2527 #N/A #N/A 10338 1580	1580 7964 2396 #N/A #N/A 10365 1575	1575 8049 2400 #N/A #N/A 10423 1600	1600 8107 2369 #N/A #N/A 10459 1617	1617 8158 2378 #N/A #N/A 10512 1642	1642 8195 2375 #N/A #N/A 10550	1661 8228 2397 #N/A #N/A 10600	1686 8252 2394 #N/A #N/A 10630	1702 8312 2357 #N/A #N/A
Net Imports Exports Imports Consumption Carry-out Stocks Former Soviet Union Per Capita	7914 2950 1119 4069 10759 1516 - Per Capit 2011	1516 7633 2628 #N/A #N/A 10250 1528 ta Sugar Co	1528 7863 2527 #N/A #N/A 10338 1580	1580 7964 2396 #N/A #N/A 10365 1575 (kilograms) a	1575 8049 2400 #N/A #N/A 10423 1600	1600 8107 2369 #N/A #N/A 10459 1617	1617 8158 2378 #N/A #N/A 10512 1642 (percent) 2017	1642 8195 2375 #N/A #N/A 10550 1661	1661 8228 2397 #N/A #N/A 10600 1686	1686 8252 2394 #N/A #N/A 10630 1702	1702 8312 2357 #N/A 10654 1713
Net Imports Exports Imports Consumption Carry-out Stocks Former Soviet Union Per Capita Consumption	7914 2950 1119 4069 10759 1516	1516 7633 2628 #N/A #N/A 10250 1528	1528 7863 2527 #N/A #N/A 10338 1580	1580 7964 2396 #N/A #N/A 10365 1575	1575 8049 2400 #N/A #N/A 10423 1600	1600 8107 2369 #N/A #N/A 10459 1617	1617 8158 2378 #N/A #N/A 10512 1642	1642 8195 2375 #N/A #N/A 10550 1661	1661 8228 2397 #N/A #N/A 10600 1686	1686 8252 2394 #N/A #N/A 10630 1702	1702 8312 2357 #N/A 10654 1713
Net Imports Exports mports Consumption Carry-out Stocks Former Soviet Union Per Capita Consumption Stocks/Consumptio	7914 2950 1119 4069 10759 1516 - Per Capit 2011	1516 7633 2628 #N/A #N/A 10250 1528 ta Sugar Co	1528 7863 2527 #N/A #N/A 10338 1580	1580 7964 2396 #N/A #N/A 10365 1575 (kilograms) a	1575 8049 2400 #N/A #N/A 10423 1600	1600 8107 2369 #N/A #N/A 10459 1617	1617 8158 2378 #N/A #N/A 10512 1642 (percent) 2017	1642 8195 2375 #N/A #N/A 10550 1661	1661 8228 2397 #N/A #N/A 10600 1686	1686 8252 2394 #N/A #N/A 10630 1702	1702 8312 2357 #N/A 10656 1713 2021 36.77
Net Imports Exports Imports Consumption Carry-out Stocks Former Soviet Union Per Capita Consumption Stocks/Consumptio	7914 2950 1119 4069 10759 1516 - Per Capir 2011 36.75 14.09	1516 7633 2628 #N/A #N/A 10250 1528 ta Sugar Co 2012 35.03 14.90	1528 7863 2527 #N/A #N/A 10338 1580 2013 35.36 15.28	1580 7964 2396 #N/A #N/A 10365 1575 (kilograms) a 2014 35.47	1575 8049 2400 #N/A #N/A 10423 1600 and Stocks to 2015 35.70 15.35	1600 8107 2369 #N/A #N/A 10459 1617 0 Use Ratio (2016 35.86 15.46	1617 8158 2378 #N/A 10512 1642 (percent) 2017 36.07 15.62	1642 8195 2375 #N/A 10550 1661 2018 36.24 15.74	1661 8228 2397 #N/A #N/A 10600 1686 2019 36.46 15.91	1686 8252 2394 #N/A 10630 1702 2020 36.61 16.01	1702 8312 2357 #N/A 10658 1713 2021 36.77 16.07
Net Imports Exports Imports Consumption Carry-out Stocks Former Soviet Union Per Capita Consumption Stocks/Consumption	7914 2950 1119 4069 10759 1516 - Per Capit 2011 36.75 14.09	1516 7633 2628 #N/A #N/A 10250 1528 ta Sugar Co 2012 35.03 14.90	1528 7863 2527 #N/A #N/A 10338 1580 2013 35.36 15.28	1580 7964 2396 #N/A #N/A 10365 1575 (kilograms) a 2014 35.47 15.20	1575 8049 2400 #N/A 10423 1600 and Stocks to 2015 35.70 15.35	1600 8107 2369 #N/A 10459 1617 0 Use Ratio (2016 35.86 15.46	1617 8158 2378 #N/A 10512 1642 (percent) 2017 36.07 15.62	1642 8195 2375 #N/A 10550 1661 2018 36.24 15.74	1661 8228 2397 #N/A 10600 1686 2019 36.46 15.91	1686 8252 2394 #N/A 10630 1702 2020 36.61 16.01	1702 8312 2357 #N/A 10658 1713 2021 36.77 16.07
Net Imports Exports Imports Consumption Carry-out Stocks Former Soviet Union Per Capita Consumption Stocks/Consumption Area Harvested	7914 2950 1119 4069 10759 1516 - Per Capit 2011 36.75 14.09	1516 7633 2628 #N/A #N/A 10250 1528 ta Sugar Co 2012 35.03 14.90	1528 7863 2527 #N/A 10338 1580 2013 35.36 15.28	1580 7964 2396 #N/A #N/A 10365 1575 (kilograms) a 2014 35.47 15.20	1575 8049 2400 #N/A 10423 1600 and Stocks to 2015 35.70 15.35	1600 8107 2369 #N/A 10459 1617 0 Use Ratio (2016 35.86 15.46	1617 8158 2378 #N/A 10512 1642 (percent) 2017 36.07 15.62	1642 8195 2375 #N/A 10550 1661 2018 36.24 15.74	1661 8228 2397 #N/A #N/A 10600 1686 2019 36.46 15.91	1686 8252 2394 #N/A 10630 1702 2020 36.61 16.01	1702 8312 2357 #N/A 10658 1713 2021 36.77 16.07
Net Imports Exports Imports Consumption Carry-out Stocks Former Soviet Union Per Capita Consumption Stocks/Consumption Area Harvested Yield	7914 2950 1119 4069 10759 1516 - Per Capit 2011 36.75 14.09	1516 7633 2628 #N/A #N/A 10250 1528 ta Sugar Co 2012 35.03 14.90	1528 7863 2527 #N/A 10338 1580 2013 35.36 15.28 2013 1549 59.77	1580 7964 2396 #N/A #N/A 10365 1575 (kilograms) a 2014 35.47 15.20	1575 8049 2400 #N/A 10423 1600 and Stocks to 2015 35.70 15.35	1600 8107 2369 #N/A 10459 1617 0 Use Ratio (2016 35.86 15.46	1617 8158 2378 #N/A 10512 1642 (percent) 2017 36.07 15.62 2017 1546 61.61	1642 8195 2375 #N/A 10550 1661 2018 36.24 15.74 2018 1544 62.10	1661 8228 2397 #N/A 10600 1686 2019 36.46 15.91 2019 1542 62.58	1686 8252 2394 #N/A 10630 1702 2020 36.61 16.01	1702 8312 2357 #N/A 10656 1713 2021 36.77 16.07
Net Imports Exports Imports Consumption Carry-out Stocks Former Soviet Union Per Capita Consumption Stocks/Consumption Area Harvested Yield	7914 2950 1119 4069 10759 1516 - Per Capit 2011 36.75 14.09	1516 7633 2628 #N/A #N/A 10250 1528 ta Sugar Co 2012 35.03 14.90	1528 7863 2527 #N/A 10338 1580 2013 35.36 15.28	1580 7964 2396 #N/A #N/A 10365 1575 (kilograms) a 2014 35.47 15.20	1575 8049 2400 #N/A 10423 1600 and Stocks to 2015 35.70 15.35	1600 8107 2369 #N/A 10459 1617 0 Use Ratio (2016 35.86 15.46	1617 8158 2378 #N/A 10512 1642 (percent) 2017 36.07 15.62	1642 8195 2375 #N/A 10550 1661 2018 36.24 15.74	1661 8228 2397 #N/A #N/A 10600 1686 2019 36.46 15.91	1686 8252 2394 #N/A 10630 1702 2020 36.61 16.01	1702 8312 2357 #N/A 10656 1713 2021 36.77 16.07
Production Net Imports Exports Imports Consumption Carry-out Stocks Former Soviet Union Per Capita Consumption Stocks/Consumption Area Harvested Yield Production	7914 2950 1119 4069 10759 1516 - Per Capir 2011 36.75 14.09 2011 1540 60.00 92400	1516 7633 2628 #N/A 10250 1528 ta Sugar Co 2012 35.03 14.90 2012 1546 59.57 92102	1528 7863 2527 #N/A #N/A 10338 1580 2013 35.36 15.28 2013 1549 59.77 92561	1580 7964 2396 #N/A #N/A 10365 1575 (kilograms) a 2014 35.47 15.20	1575 8049 2400 #N/A 10423 1600 and Stocks to 2015 35.70 15.35	1600 8107 2369 #N/A 10459 1617 0 Use Ratio (2016 35.86 15.46	1617 8158 2378 #N/A 10512 1642 (percent) 2017 36.07 15.62 2017 1546 61.61	1642 8195 2375 #N/A 10550 1661 2018 36.24 15.74 2018 1544 62.10	1661 8228 2397 #N/A 10600 1686 2019 36.46 15.91 2019 1542 62.58	1686 8252 2394 #N/A 10630 1702 2020 36.61 16.01	1702 8312 2357 #N/A 10656 1713 2021 36.77 16.07
Net Imports Exports Imports Consumption Carry-out Stocks Former Soviet Union Per Capita Consumption Stocks/Consumption Area Harvested Yield	7914 2950 1119 4069 10759 1516 - Per Capir 2011 36.75 14.09 2011 1540 60.00 92400	1516 7633 2628 #N/A 10250 1528 ta Sugar Co 2012 35.03 14.90 2012 1546 59.57 92102	1528 7863 2527 #N/A #N/A 10338 1580 2013 35.36 15.28 2013 1549 59.77 92561	1580 7964 2396 #N/A #N/A 10365 1575 (kilograms) a 2014 35.47 15.20	1575 8049 2400 #N/A 10423 1600 and Stocks to 2015 35.70 15.35	1600 8107 2369 #N/A 10459 1617 0 Use Ratio (2016 35.86 15.46	1617 8158 2378 #N/A 10512 1642 (percent) 2017 36.07 15.62 2017 1546 61.61	1642 8195 2375 #N/A 10550 1661 2018 36.24 15.74 2018 1544 62.10	1661 8228 2397 #N/A 10600 1686 2019 36.46 15.91 2019 1542 62.58	1686 8252 2394 #N/A 10630 1702 2020 36.61 16.01	1702 8312 2357 #N/A 1065 1713 2021 36.77 16.07

Sugarcane	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00
Thailand - Sugar Sup		,			,	0040	0047	0010	0040	2000	0004
0 : 0: 1	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Carry-in Stocks	2319	1389	1608	1729	1796	1836	1861	1879	1892	1904	1915
Production	10170	10131	10182	10257	10332	10407	10479	10549	10618	10689	10761
Net Exports	8700	7576	7697	7801	7886	7959	8021	8079	8125	8180	8217
Exports	8700	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	2400	2336	2364	2388	2407	2424	2441	2457	2481	2498	2531
Carry-out Stocks	1389	1608	1729	1796	1836	1861	1879	1892	1904	1915	1927
Thailand - Per Capita					,	· · · · ·					
Per Capita	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Consumption Stocks/Consumptio	34.71	33.60	33.82	34.00	34.09	34.18	34.27	34.35	34.55	34.66	34.99
n	57.88	68.84	73.13	75.21	76.30	76.78	76.96	76.99	76.75	76.64	76.14
Rest of the World - S	ugar Net E	xports (1000	0 metric tons	s, raw value)							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Net Exports	- 21619	-22900	-22638	-22934	-22787	-22952	-22935	-22927	-23014	-23227	-23419
Not Exports	21013	22300	22000	22304	22101	ZZJOZ	22300	ZZJZI	20014	ZUZZI	2041
World - Sugar Prices	,		2012	2014	2015	2016	2017	204.0	2010	2020	2024
0	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
0	31.53 695.1	31.14	29.18	29.02	27.90	27.42	26.40	25.79	24.77	24.31	23.83
	1	686.51	643.30	639.77	615.08	604.50	582.01	568.57	546.08	535.94	525.3
\$/ton											
\$/ton											
\$/ton World	58816	60641.9	60790.9	61248.9	61306.6	61641.8	61796.3	61953.0	62259.8	62659.4	63024