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Date: 4/15/2016 GAIN Report Number: BR16003

Brazil

Sugar

Annual Report

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Report Highlights:

Brazil's MY 2016/17 sugarcane crush is estimated at 680 mmt, a two-percent increase compared to the previous season due to good weather conditions that favored steady development of sugarcane stocks. Approximately 43 percent of the crop will be diverted to sugar, up two percentage points compared to the previous season, the result of expected higher demand for sugar in the international market. Total exports for MY 2016/17 are estimated at 26.1 mmt, raw value, up 1.75 mmt from MY 2015/16 (24.35 mmt).

Production

The Agricultural Trade Office (ATO/São Paulo) forecasts marketing year 2016/17 (MY, April - March) Brazilian sugarcane crushing at 680 million metric tons (mmt), up two percent compared to MY 2015/16 (667 mmt). The center-south (CS) region is expected to harvest 630 mmt of sugarcane, a 12 mmt increase relative to the previous crop (618 mmt), due to expected higher agricultural yields as a result of good weather conditions during sugarcane stock development.

The MY 2015/16 sugarcane crushing period ended in March 2016. Over 130 plants from the CS region crushed record volumes in March, which is quite unusual, given that the crushing season generally ends in December. Mills were driven by the need to generate cash and aided by favorable dry weather. Data from the Sugar and Alcohol Millers Association of São Paulo State (UNICA) show that during the tradit ional offseason period (December 15 2015 through March 31); crushing has reached an unexpected 39.65 mmt of sugarcane.

The North-Northeastern (NNE) production for MY 2016/17 is projected at 50 mmt, slightly up from the revised figure for MY 2015/16 (49 mmt) due to persistent drought affecting growing regions.

Total sugarcane area for MY 2016/17 is projected stable at 9.9 million hectares (ha). The table below shows sugarcane harvested area, according to the Ministry of Agriculture, Livestock and Supply's (MAPA) National Supply Company (CONAB), and the Agricultural Economics Institute (IEA) of the State of São Paulo Secretariat of Agriculture.

| Area Harvested to Sugarcane (1,000 ha). | | | | | | | | | |
|-----------------------------------------|----------------------|---------|---------|---------|---------|---------|---------|--|--|
| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | | |
| Brazil | 8,033.6 | 8,356.1 | 8,485.0 | 8,810.8 | 9,004.5 | 8,605.5 | 9,073.7 | | |
| Sao Paulo | 5,135.3 | 5,269.4 | 5,355.7 | 5,501.9 | 5,539.7 | 5,605.7 | 5,572.4 | | |
| Sources: CC | Sources: CONAB, IEA. | | | | | | | | |

The industrial yield for MY 2016/17 is forecast at 132.63 kg of TRS (total reducing sugars)/mt, up 2.46 kg compared to MY 2015/16 (130.17 kg TRS/mt), assuming average rainfall volume during the crushing season. Note that the industrial yield for MY 2015/16 was negatively affected to some extent, due to above average rainfall in July 2015 in the center-south production region. The following table shows historical Brazilian yields measured in TRS per metric ton of sugarcane.

| Sugarcane Industrial Yields (kg TRS/metric ton) | | | | | | | | | |
|--------------------------------------------------------|----------|------------|----------|----------|------------|--|--|--|--|
| | MY 12/13 | MY 13/14 * | MY 14/15 | MY 15/16 | MY 16/17 * | | | | |
| TRS/ton | 135.29 | 132.63 | 135.72 | 130.17 | 132.63 | | | | |
| Source: USDA/FAS/ATO/São Paulo * MY 2016/17 - forecast | | | | | | | | | |

The following tables show monthly sugarcane crush data for the state of São Paulo and the CS region for MY 2011/12 through MY 2015/16 crops, as reported by UNICA.

| Sugarcane crushed in the state of São Paulo (1,000 metric tons). | | | | | | | | | |
|------------------------------------------------------------------|-------------|---------------|---------------|----------------|----------|--|--|--|--|
| Month | MY 11/12 | MY 12/13 | MY 13/14 | MY 14/15 | MY 15/16 | | | | |
| February | 0 | 0 | 0 | 0 | 0 | | | | |
| March | 708 | 104 | 0 | 0 | 0 | | | | |
| April | 13,464 | 6,649 | 26,582 | 25,864 | 22,420 | | | | |
| May | 49,443 | 34,197 | 47,857 | 48,510 | 40,914 | | | | |
| June | 48,575 | 32,888 | 39,393 | 53,885 | 51,560 | | | | |
| July | 53,335 | 54,517 | 52,875 | 48,034 | 46,975 | | | | |
| August | 49,140 | 56,678 | 57,868 | 54,736 | 56,701 | | | | |
| September | 46,246 | 44,962 | 46,719 | 39,289 | 40,026 | | | | |
| October | 27,755 | 47,015 | 43,117 | 42,558 | 46,093 | | | | |
| November | 14,814 | 37,562 | 36,445 | 19,130 | 26,383 | | | | |
| December | 702 | 14,498 | 15,482 | 5,106 | 19,727 | | | | |
| January | 0 | 582 | 525 | 573 | 3,549 | | | | |
| February | 24 | 122 | 19 | 95 | 2,125 | | | | |
| March | 23 | 56 | 351 | 0 | 11,786 | | | | |
| Cumulative | 304,230 | 329,831 | 367,233 | 337,780 | 368,258 | | | | |
| Source: Sugar | and Alcohol | Millers Assoc | iation of São | Paulo State (U | JNICA). | | | | |

| Sugarcane crushed in Center-south Brazil (1,000 metric tons). | | | | | | | | |
|---------------------------------------------------------------|-------------|---------------|----------------|----------------|----------|--|--|--|
| Month | MY 11/12 | MY 12/13 | MY 13/14 | MY 14/15 | MY 15/16 | | | |
| February | 0 | 146 | 0 | 0 | 0 | | | |
| March | 1,795 | 388 | 0 | 0 | 0 | | | |
| April | 22,208 | 13,599 | 41,716 | 40,375 | 40,163 | | | |
| May | 76,447 | 56,665 | 75,966 | 76,938 | 69,197 | | | |
| June | 77,244 | 57,580 | 65,057 | 85,676 | 86,434 | | | |
| July | 82,349 | 88,472 | 87,425 | 77,394 | 79,070 | | | |
| August | 79,460 | 90,765 | 95,281 | 92,308 | 95,289 | | | |
| September | 74,081 | 73,736 | 77,169 | 68,750 | 70,341 | | | |
| October | 46,568 | 74,143 | 70,227 | 73,878 | 74,966 | | | |
| November | 27,818 | 55,100 | 58,357 | 38,903 | 44,544 | | | |
| December | 3,660 | 20,718 | 23,816 | 13,850 | 28,561 | | | |
| January | 938 | 949 | 970 | 2,040 | 5,927 | | | |
| February | 557 | 291 | 204 | 664 | 3,827 | | | |
| March | 138 | 56 | 416 | 569 | 19,331 | | | |
| Cumulative | 493,264 | 532,607 | 596,603 | 571,344 | 617,652 | | | |
| Source: Sugar | and Alcohol | Millers Assoc | tiation of São | Paulo State (I | JNICA). | | | |

Sugar and Ethanol

Total sucrose (TRS) content diverted for sugar and ethanol production for MY 2016/17 is forecast at 43 and 57 percent, respectively, as compared to 41 and 59 percent, respectively for MY 2015/16. Post sources project a more than six mmt deficit in the world sugar market for both MY 2015/16 and MY 2016/17 (October-September). Therefore, sugar-ethanol mills are likely to increase sugar production to supply international markets, thus shifting the trend of increased share of sugarcane diverted to ethanol from the past four crops.

ATO/São Paulo forecasts sugar production for MY 2016/17 at 37.07 mmt, raw value, up 2.42 mmt compared to MY 2015/16 (34.65 mmt). The CS states should account for 34.15 mmt, raw value, up 7 percent from MY 2015/16 (32 mmt). The NNE should contribute 2.92 mmt of sugar, raw value, slightly up from previous season (2.65 mmt).

The tables below show monthly sugar production for the state of São Paulo and the CS region for MY 2011/12 through MY 2015/16 crops (April-March), as reported by UNICA.

| Sugar product | Sugar production in the state of São Paulo (Metric tons, tel quel) | | | | | | | | |
|---------------|--------------------------------------------------------------------|-------------------|------------------|----------------|------------|--|--|--|--|
| Month | MY 11/12 | MY 12/13 | MY 13/14 | MY 14/15 | MY 15/16 | | | | |
| February | 0 | 0 | 0 | 0 | 0 | | | | |
| March | 23,072 | 3,691 | 0 | 0 | 0 | | | | |
| April | 467,145 | 287,294 | 1,204,407 | 1,077,798 | 918,009 | | | | |
| May | 2,734,815 | 1,952,653 | 2,844,117 | 2,874,125 | 2,214,282 | | | | |
| June | 3,161,100 | 2,017,509 | 2,305,372 | 3,564,842 | 3,123,877 | | | | |
| July | 3,853,337 | 3,800,734 | 3,425,222 | 3,407,713 | 3,009,722 | | | | |
| August | 3,840,998 | 4,377,261 | 4,244,576 | 4,003,035 | 3,948,623 | | | | |
| September | 3,801,633 | 3,584,137 | 3,653,913 | 2,734,179 | 2,719,062 | | | | |
| October | 2,118,061 | 3,681,687 | 3,039,994 | 2,894,877 | 3,056,703 | | | | |
| November | 1,023,956 | 2,647,361 | 2,415,600 | 1,136,646 | 1,318,035 | | | | |
| December | 43,837 | 912,666 | 807,064 | 203,879 | 755,491 | | | | |
| January | 0 | 11,736 | 10,242 | 9,542 | 80,523 | | | | |
| February | 0 | 6,356 | 0 | 2,485 | 41,441 | | | | |
| March | 0 | 1,004 | 14,371 | 20 | 378,206 | | | | |
| Cumulative | 21,067,954 | 23,284,089 | 23,964,878 | 21,909,141 | 21,563,974 | | | | |
| Source: Sugar | and Alcohol Mi | llers Association | n of São Paulo S | State (UNICA). | | | | | |

| Sugar produ | Sugar production in Center-South Brazil (Metric tons, tel quel). | | | | | | | | | |
|-------------|------------------------------------------------------------------|-----------|-----------|-----------|-----------|--|--|--|--|--|
| Month | MY 11/12 | MY 12/13 | MY 13/14 | MY 14/15 | MY 15/16 | | | | | |
| February | 0 | 4,692 | 0 | 0 | 0 | | | | | |
| March | 56,496 | 5,052 | 0 | 0 | 0 | | | | | |
| April | 761,078 | 535,505 | 1,704,682 | 1,499,504 | 1,448,957 | | | | | |
| May | 3,966,565 | 2,983,558 | 3,944,719 | 3,935,971 | 3,198,629 | | | | | |
| June | 4,618,058 | 3,161,408 | 3,308,644 | 4,905,573 | 4,507,387 | | | | | |
| July | 5,411,365 | 5,605,984 | 4,958,695 | 4,787,076 | 4,256,943 | | | | | |

| August | 5,629,162 | 6,366,406 | 6,152,387 | 5,815,997 | 5,733,292 | | |
|-----------------|---------------------------------------------------------------------------|------------|------------|------------|------------|--|--|
| September | 5,607,822 | 5,342,707 | 5,281,370 | 4,137,377 | 4,067,628 | | |
| October | 3,257,617 | 5,331,840 | 4,372,655 | 4,404,882 | 4,279,266 | | |
| November | 1,776,138 | 3,576,444 | 3,407,612 | 1,952,698 | 1,909,386 | | |
| December | 178,575 | 1,156,251 | 1,135,957 | 506,583 | 1,032,089 | | |
| January | 28,526 | 14,532 | 10,513 | 28,066 | 120,054 | | |
| February | 14,408 | 6,356 | 1 | 6,250 | 62,677 | | |
| March | 2,332 | 1,004 | 15,640 | 7,120 | 601,698 | | |
| Cumulative | 31,308,142 | 34,091,739 | 34,292,875 | 31,987,097 | 31,218,006 | | |
| Source: Sugar a | Source: Sugar and Alcohol Millers Association of São Paulo State (UNICA). | | | | | | |

Total ethanol production for MY 2016/17 is forecast 29.9 billion liters (11.65 billion liters of anhydrous ethanol and 18.25 billion liters of hydrated ethanol), similar to MY 2015/16 (30.3 billion liters). The sugar-ethanol sector will prioritize the production of anhydrous ethanol to comply with the ethanol mandate set by the Brazilian government.

In 2015, ethanol production was encouraged by the increased ethanol-use mandate in March (27 percent of anhydrous ethanol blended with gasoline), improved competitiveness of hydrous ethanol compared to gasoline at the pump during the peak of the sugarcane crushing season, and as a result of the bump of taxes for gasoline. The reduction of the Tax for Circulation of Goods and Services (ICMS) in the state of Minas Gerais, coupled with an increase of the ICMS on gasoline for the states of Minas Gerais, Parana, and Bahia also encouraged ethanol production.

The size of the automobile fleet in Brazil is estimated at 34.5 million units, and flex-fuel vehicles (FFV) represent roughly 75 percent of the total fleet. However, the steady sales of flex-fuel vehicles do not solely guarantee a higher demand for ethanol given that consumers' decisions are driven by the ratio between ethanol and gasoline prices. The 70 percent ratio between ethanol and gasoline prices is the rule of thumb in determining whether flex car owners will choose to fill up with ethanol (price ratio below 70 percent) or gasoline (price ratio above 70 percent).

According to MAPA, cumulative ethanol production for the 2015/16 crop through April 11, 2016 was reported at 30.46 billion liters – 11.21 billion liters of anhydrous ethanol and 19.25 liters of hydrated ethanol. The table below shows sugarcane, sugar and ethanol production by state for MY 2015/16, as reported by MAPA.

| Cane, Sugar & Ethanol Production: 2015/16 Crop (MT and 000 Liters) | | | | | | | | | |
|--------------------------------------------------------------------|------------|-----------|-----------|---------|---------|--|--|--|--|
| | | Ethanol | Ethanol | | | | | | |
| State/Region | Cane | Sugar | Anhydrous | Hydrous | Total | | | | |
| Acre | 86,072 | 0 | 0 | 4,510 | 0 | | | | |
| Alagoas | 16,193,361 | 1,213,238 | 211,305 | 161,803 | 373,108 | | | | |
| Amazonas | 216,343 | 12,356 | 0 | 5,804 | 5,804 | | | | |
| Bahia | 3,816,394 | 86,805 | 46,373 | 175,031 | 221,404 | | | | |

| Ceara | 208,636 | 0 | 0 | 14,597 | 14,597 |
|---------------------|------------------|---------------|-----------------|----------------|------------|
| Maranhao | 2,455,136 | 12,524 | 146,159 | 41,125 | 187,284 |
| Para | 682,261 | 22,234 | 29,790 | 11,136 | 40,926 |
| Paraíba | 5,532,483 | 129,047 | 173,025 | 166,738 | 339,763 |
| Pernambuco | 11,349,011 | 822,328 | 154,165 | 193,568 | 347,733 |
| Piaui | 967,360 | 66,911 | 29,336 | 3,338 | 32,674 |
| Rio Gde Norte | 2,467,656 | 137,684 | 52,101 | 37,319 | 89,420 |
| Rondonia | 191,003 | 0 | 0 | 12,909 | 12,909 |
| Sergipe | 2,284,684 | 105,444 | 26,109 | 85,779 | 111,888 |
| Tocantins | 2,366,228 | 0 | 143,463 | 69,358 | 212,821 |
| NNE | 48,816,628 | 2,608,571 | 1,011,826 | 983,015 | 1,994,841 |
| Espirito Santo | 2,809,562 | 70,952 | 82,233 | 68,612 | 150,845 |
| Goias | 73,190,499 | 1,892,231 | 1,035,366 | 3,642,628 | 4,677,994 |
| Minas Gerais | 64,975,327 | 3,249,367 | 1,038,039 | 2,048,209 | 3,086,248 |
| Mato Grosso Sul | 48,685,412 | 1,325,318 | 650,281 | 2,169,819 | 2,820,100 |
| Mato Grosso | 17,150,549 | 337,162 | 528,120 | 798,469 | 1,326,589 |
| Parana | 41,286,091 | 2,703,136 | 586,191 | 990,712 | 1,576,903 |
| Rio de Janeiro | 1,066,152 | 0 | 0 | 58,654 | 58,654 |
| Rio Grande Sul | 61,238 | 0 | 0 | 3,786 | 3,786 |
| Sao Paulo | 367,672,171 | 21,303,650 | 6,277,662 | 8,491,901 | 14,769,563 |
| Center South | 616,897,001 | 30,881,816 | 10,197,892 | 18,272,790 | 28,470,682 |
| TOTAL | 665,713,629 | 33,490,387 | 11,209,718 | 19,255,805 | 30,465,523 |
| Source: Ministry of | Agriculture, Liv | estock and Su | pply-Sugar, Alc | cohol Dept, 04 | /11/2016 |

Sugarcane, Sugar and Ethanol Prices in the Domestic Market

Sugarcane prices received by third party suppliers for major producing states are based on a formula that takes into account prices for sugar and ethanol prices both in the domestic and international markets. The State of São Paulo Sugarcane, Sugar and Ethanol Growers Council (CONSECANA) was the first to develop a formula for the state of São Paulo, the major producing state, comprising roughly 60 percent of the center-south production.

As of MY 2015/16 (April-March), updated Consecana prices will be released only for subscribers of the CONSECANA site (<u>www.consecana.com.br</u>). Cumulative CONSECANA price (April 2015-February 2016) for the state of São Paulo for the 2015/16 crop was R\$0.5485 per kg of TRS, or R\$70.79 per ton of sugarcane.

The Crystal Sugar and Ethanol Indexes released by the University of Sao Paulo's College of Agriculture "Luiz de Queiroz" (ESALQ) follow. The Indexes track crystal sugar, anhydrous and hydrated prices received by producers in the domestic spot market. Note the significant increase in both sugar and ethanol prices towards the end of the crop season, indicating steady demand for both products.

Crystal Sugar Price Index - Domestic Market (Real, 50kg/bag, including tax).

| Period | 2012 | 2013 | 2014 | 2015 | 2016 |
|-----------------|-----------|--------------|---------------|---------------|-------|
| January | 62.04 | 48.80 | 50.29 | 51.05 | 83.75 |
| February | 59.10 | 47.97 | 50.38 | 50.11 | 81.25 |
| March | 57.34 | 45.04 | 51.86 | 50.97 | 77.46 |
| April 1/ | 56.44 | 44.21 | 51.70 | 51.57 | 75.60 |
| May | 54.58 | 44.55 | 51.49 | 51.20 | |
| June | 55.12 | 44.23 | 49.54 | 49.03 | |
| July | 56.96 | 44.48 | 47.07 | 47.85 | |
| August | 56.08 | 43.55 | 45.54 | 46.90 | |
| September | 49.85 | 45.44 | 44.76 | 51.06 | |
| October | 50.57 | 50.78 | 47.62 | 64.98 | |
| November | 50.20 | 51.94 | 50.97 | 76.44 | |
| December | 49.12 | 51.06 | 52.12 | 80.57 | |
| Source: USP/ESA | LQ/CEPEA. | 1/ April 201 | 6 Prices refe | r to April 14 | |

| Price for Fue | Price for Fuel Anhydrous Ethanol - State of São Paulo (R\$/000 liters). | | | | | | | | |
|---------------|-------------------------------------------------------------------------|---------|---------|---------|---------|--|--|--|--|
| Period | 2012 | 2013 | 2014 | 2015 | 2016 | | | | |
| January | 1270.30 | 1302.50 | 1456.10 | 1458.20 | 1996.70 | | | | |
| February | 1184.60 | 1352.70 | 1520.50 | 1552.50 | | | | | |
| March | 1278.80 | 1374.50 | 1610.20 | 1420.40 | | | | | |
| April | 1259.70 | 1394.80 | 1522.00 | 1401.50 | | | | | |
| May | 1294.30 | 1329.10 | 1366.40 | 1363.10 | | | | | |
| June | 1234.00 | 1285.20 | 1359.20 | 1352.40 | | | | | |
| July | 1232.50 | 1271.20 | 1373.90 | 1328.80 | | | | | |
| August | 1198.70 | 1227.30 | 1346.00 | 1300.70 | | | | | |
| September | 1198.90 | 1277.10 | 1362.40 | 1358.30 | | | | | |
| October | 1140.00 | 1315.40 | 1290.00 | 1658.30 | | | | | |
| November | 1234.90 | 1342.80 | 1329.90 | 1870.40 | | | | | |
| December | 1287.20 | 1440.00 | 1407.10 | 1888.10 | | | | | |
| Source: USP/H | ESALQ/CEF | PEA. | | | | | | | |

| Price for Fuel Hydrated Ethanol - State of São Paulo (R\$/000 liters). | | | | | | | | |
|------------------------------------------------------------------------|---------|---------|---------|---------|--------|--|--|--|
| Period | 2012 | 2013 | 2014 | 2015 | 2016 | | | |
| January | 1159.00 | 1144.60 | 1284.80 | 1325.60 | 1824.4 | | | |
| February | 1119.80 | 1232.00 | 1368.60 | 1384.70 | | | | |
| March | 1204.40 | 1226.40 | 1419.50 | 1261.30 | | | | |
| April | 1191.40 | 1244.30 | 1338.50 | 1261.60 | | | | |
| May | 1140.10 | 1110.20 | 1200.90 | 1226.50 | | | | |
| June | 1082.80 | 1140.20 | 1214.90 | 1216.20 | | | | |
| July | 1059.90 | 1114.50 | 1229.10 | 1199.00 | | | | |
| August | 1041.70 | 1088.60 | 1207.00 | 1175.50 | | | | |

| September | 1062.40 | 1148.50 | 1200.60 | 1273.40 | | | | |
|---------------|--------------------------|---------|---------|---------|--|--|--|--|
| October | 1010.60 | 1164.00 | 1138.30 | 1528.80 | | | | |
| November | 1095.90 | 1204.70 | 1218.20 | 1709.00 | | | | |
| December | 1132.50 | 1281.10 | 1265.50 | 1704.60 | | | | |
| Source: USP/E | Source: USP/ESALQ/CEPEA. | | | | | | | |

Consumption

There is no official source for domestic consumption of sugar in Brazil. ATO/São Paulo forecasts the Brazilian sugar consumption for MY 2016/17 at 10.8 mmt, slightly down from the revised figure for MY 2015/16, 10.9 mmt.

According to post contacts, the current and severe economic recession in Brazil has resulted in changing consumer behavior with lower purchasing of processed food items that include sugar like soft drinks, consumer ready products such as cakes, candies, and other sugar-related items.

Exports

Sugar Exports

Brazilian sugar exports for MY 2016/17 are projected at 26.1 mmt, raw value, up 7 percent compared to MY 2015/16 (24.35 mmt) to partially offset the expected deficit in the world sugar market. In addition, Brazil has remained steadily competitive due to the sharp devaluation of the local currency, the Real. Raw sugar should account for 20.88 mmt, raw value, whereas the remainder represents exports of refined sugar.

The following tables show Brazilian sugar exports by destination for MY 2014/2015, 2015/16 (April-March) and calendar year (CY) 2015, as reported by the Brazilian Secretariat of Foreign Trade (SECEX).

| Brazilian Su | Brazilian Sugar Exports (NCMs 1701.11, 1701.13 & 1701.14, MT, tel quel, US\$ 000 FOB) | | | | | | | | |
|--------------|---------------------------------------------------------------------------------------|---------|-----------|---------|-----------|---------|--|--|--|
| | MY 2014/15 | 5 1/ | MY 2015/1 | 6 1/ | CY2015 2/ | | | | |
| Country | Quantity | Value | Quantity | Value | Quantity | Value | | | |
| Bangladesh | 1,865,177 | 683,348 | 2,265,681 | 674,119 | 2,462,863 | 761,914 | | | |
| China | 2,338,246 | 870,442 | 2,343,151 | 680,610 | 2,480,982 | 754,513 | | | |
| Algeria | 1,651,490 | 629,828 | 1,674,423 | 502,191 | 1,620,542 | 514,690 | | | |
| India | 1,550,332 | 589,978 | 1,848,182 | 544,159 | 1,515,112 | 456,980 | | | |
| Russia | 1,407,174 | 516,961 | 862,950 | 275,009 | 986,496 | 326,557 | | | |
| Malaysia | 1,210,018 | 448,188 | 945,037 | 275,753 | 981,172 | 312,594 | | | |
| Nigeria | 1,172,379 | 438,658 | 1,119,200 | 324,547 | 997,573 | 304,515 | | | |
| Egypt | 1,244,586 | 473,214 | 877,906 | 261,381 | 927,729 | 289,488 | | | |

| Canada | 783,735 | 303,322 | 789,423 | 237,084 | 803,158 | 244,079 | | | |
|---------------|----------------------------------------------------------------------|-----------|------------|-----------|------------|-----------|--|--|--|
| Morocco | 616,769 | 227,690 | 862,298 | 246,936 | 766,917 | 231,084 | | | |
| Other | 5,387,118 | 2,094,871 | 6,004,925 | 1,827,394 | 5,385,247 | 1,704,703 | | | |
| Total | 19,227,025 | 7,276,499 | 19,593,175 | 5,849,183 | 18,927,791 | 5,901,116 | | | |
| Source : Braz | Source : Brazilian Foreign Trade Secretariat (SECEX) | | | | | | | | |
| Note : Numb | Note : Numbers may add due to rounding 1/ April - Mar - 2/Jan - Dec. | | | | | | | | |

| Brazilian Sugar Exports (NCM 1701.99.00, MT, tel quel, US\$ 000 FOB) | | | | | | | | | | |
|----------------------------------------------------------------------|--------------|---------------|----------------|-----------------|-----------|-----------|--|--|--|--|
| | MY 2014/1 | 5 1/ | MY 2015/1 | MY 2015/16 1/ | | | | | | |
| Country | Quantity | Value | Quantity | Value | Quantity | Value | | | | |
| UAE | 946,156 | 328,092 | 993,180 | 268,281 | 890,278 | 256,148 | | | | |
| Saudi Arabia | 653,380 | 224,991 | 409,622 | 113,453 | 574,612 | 170,892 | | | | |
| Mauritania | 198,011 | 83,036 | 390,455 | 137,817 | 345,355 | 123,647 | | | | |
| Nigeria | 368,327 | 132,973 | 334,551 | 92,812 | 340,858 | 101,421 | | | | |
| Sri Lanka | 254,694 | 110,182 | 256,534 | 87,947 | 263,481 | 92,788 | | | | |
| Angola | 392,576 | 169,673 | 218,328 | 76,470 | 228,014 | 81,198 | | | | |
| Benin | 130,152 | 54,463 | 175,580 | 61,081 | 190,373 | 67,829 | | | | |
| South Africa | 178,943 | 73,473 | 100,161 | 35,875 | 179,153 | 67,621 | | | | |
| Yemen | 377,798 | 159,368 | 215,683 | 74,108 | 178,914 | 64,863 | | | | |
| U.S.A. | 68,868 | 56,040 | 90,452 | 60,740 | 87,546 | 61,468 | | | | |
| Others | 1,448,329 | 627,735 | 1,903,759 | 663,146 | 1,805,854 | 652,373 | | | | |
| Total | 5,017,233 | 2,020,026 | 5,088,304 | 1,671,730 | 5,084,437 | 1,740,249 | | | | |
| Source : Brazilian Foreign Trade secretariat (SECEX) | | | | | | | | | | |
| Note : Number | s may add du | e to rounding | g 1/ April - M | lar - 2/Jan - I | Dec. | | | | | |

Ethanol Exports

The tables below show ethanol exports by destination for MY 2014/2015, 2015/16 (April-March), as reported by SECEX.

| Brazilian Ethanol Exports (NCM 2207.10, 2207.20.11 & 2207.20.19, MT, 000 Liters, US\$ 1,000 FOB) | | | | | | | | | |
|--------------------------------------------------------------------------------------------------|-----------|---------|---------|-----------|---------|---------|--|--|--|
| | MY 2014/1 | 5 1/ | | MY 2015/1 | .6 1/ | | | | |
| Country | Volume | Weight | Value | Volume | Weight | Value | | | |
| United States | 740,289 | 585,157 | 482,545 | 983,351 | 777,466 | 476,688 | | | |
| South Korea | 442,556 | 357,513 | 255,887 | 571,481 | 461,666 | 249,521 | | | |
| China | 0 | 0 | 0 | 155,575 | 123,509 | 70,327 | | | |
| Netherlands | 1,981 | 1,595 | 1,303 | 106,565 | 85,659 | 46,766 | | | |
| India | 0 | 0 | 0 | 91,547 | 74,046 | 36,392 | | | |
| Japan | 99,426 | 78,968 | 64,446 | 62,223 | 49,213 | 31,490 | | | |

| Nigeria | 45,894 | 37,015 | 27,129 | 59,674 | 48,236 | 24,707 | | |
|----------------------------------------------------------|-----------|-----------|---------|-----------|-----------|-----------|--|--|
| Saudi Arabia | 0 | 0 | 0 | 33,199 | 26,821 | 13,497 | | |
| Turkey | 6,446 | 5,191 | 4,061 | 25,755 | 20,735 | 12,005 | | |
| United Kingdom | 530 | 426 | 741 | 23,807 | 18,792 | 11,441 | | |
| Others | 61,121 | 49,248 | 38,775 | 51,069 | 41,251 | 28,430 | | |
| Total | 1,398,242 | 1,115,113 | 874,887 | 2,164,246 | 1,727,394 | 1,001,263 | | |
| Source : Brazilian Foreign Trade Secretariat (SECEX) | | | | | | | | |
| Note: Numbers may not add due to rounding 1/April-March. | | | | | | | | |

Ethanol Imports

The tables below show ethanol imports by origin for MY 2014/2015, 2015/16 (April-March), as reported by the Brazilian Secretariat of Foreign Trade (SECEX).

| Brazilian Ethanol Imp FOB) | orts (NCM 22 | 07.10, 2207.2 | 20.11 & 2207 | .20.19, MT, (| 000 Liters, U | S\$ 1,000 |
|-------------------------------|-----------------|---------------|--------------|---------------|---------------|-----------|
| -) | MY 2014/2 | 15 1/ | | MY 2015/ | 16 1/ | |
| Country | Volume | Weight | Value | Volume | Weight | Value |
| United States | 415,449 | 328,108 | 220,531 | 414,787 | 343,164 | 199,637 |
| Jamaica | 390 | 329 | 1,377 | 241 | 209 | 796 |
| Germany | 27 | 32 | 314 | 25 | 48 | 306 |
| Sweden | 0 | 0 | 0 | 95 | 80 | 129 |
| Mexico | 22 | 18 | 137 | 9 | 8 | 73 |
| Trinidad and Tobago | 0 | 0 | 0 | 50 | 40 | 58 |
| Barbados | 23 | 20 | 29 | 48 | 43 | 56 |
| France | 5 | 7 | 66 | 3 | 6 | 45 |
| Poland | 118 | 99 | 170 | 26 | 21 | 24 |
| Spain | 6 | 5 | 29 | 3 | 4 | 17 |
| Others | 65,887 | 51,970 | 37,164 | 0 | 0 | 8 |
| Total | 481,928 | 380,588 | 259,816 | 415,286 | 343,624 | 201,148 |
| Source : Brazilian Foreig | gn Trade Secre | etariat (SECE | X) | | | |
| Note : Numbers may not | t add due to ro | unding 1/Apr | il - March | | | |

Stocks

Post forecasts total sugar ending stocks for MY 2016/17 at 530,000 mt, down 69,000 mt from revised estimate for MY 2015/16 (599,000 mt). There is no official source for carry-over stocks of sugar in Brazil.

Exchange Rate

Exchange Rate (R\$/US\$1.00 - official rate, last day of period)

| Month | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|----------------|----------|----------|--------|-----------|------------|------------|----------|
| January | 1.87 | 1.67 | 1.74 | 1.99 | 2.43 | 2.66 | 4.04 |
| February | 1.81 | 1.66 | 1.71 | 1.98 | 2.33 | 2.88 | 3.98 |
| March | 1.78 | 1.62 | 1.82 | 2.01 | 2.26 | 3.21 | 3.56 |
| April 1/ | 1.77 | 1.57 | 1.89 | 2.00 | 2.24 | 2.98 | 3.51 |
| May | 1.81 | 1.57 | 2.02 | 2.13 | 2.24 | 3.18 | |
| June | 1.80 | 1.57 | 2.02 | 2.22 | 2.20 | 3.10 | |
| July | 1.75 | 1.56 | 2.05 | 2.29 | 2.27 | 3.39 | |
| August | 1.75 | 1.59 | 2.04 | 2.37 | 2.24 | 3.65 | |
| September | 1.69 | 1.85 | 2.03 | 2.23 | 2.45 | 3.98 | |
| October | 1.70 | 1.69 | 2.03 | 2.20 | 2.44 | 3.86 | |
| November | 1.71 | 1.81 | 2.10 | 2.32 | 2.56 | 3.85 | |
| December | 1.66 | 1.88 | 2.04 | 2.34 | 2.66 | 3.90 | |
| Source: Brazil | ian Cent | ral Bank | (BACEN | J) 1/ Apr | il 2016 re | efers to A | pril 14. |

PS&D Statistics

| Sugar Cane for Centrifugal | 2014/2015 | | 2015/2016 | | 2016/2017 | |
|-------------------------------|------------------|-------------|------------------|-------------|------------------|-------------|
| Market Begin Year | May 2014 | | May 2015 | | May 2016 | |
| Brazil | USDA Official | New Post | USDA Official | New Post | USDA Official | New Post |
| Area Planted | 9900 | 9900 | 9900 | 9900 | 0 | 9900 |
| Area Harvested | 9250 | 9250 | 9450 | 9450 | 0 | 9450 |
| Production | 632500 | 632500 | 659000 | 667000 | 0 | 680000 |
| Total Supply | 632500 | 632500 | 659000 | 667000 | 0 | 680000 |
| Utilization for Sugar | 275138 | 275138 | 267554 | 273470 | 0 | 292400 |
| Utilization for Alcohol | 357362 | 357362 | 391446 | 393530 | 0 | 387600 |
| Total Utilization | 632500 | 632500 | 659000 | 667000 | 0 | 680000 |
| (1000 HA) ,(1000 MT) | 1 | | | | | |

| Sugar, Centrifugal | 2014/2015 | | 2015/2016 | | 2016/2017 | |
|---------------------------|------------------|-------------|------------------|-------------|------------------|-------------|
| Market Begin Year | May 2014 | | May 2015 | May 2015 | | |
| Brazil | USDA Official | New Post | USDA Official | New Post | USDA Official | New Post |
| Beginning Stocks | 350 | 350 | 850 | 950 | 0 | 350 |
| Beet Sugar Production | 0 | 0 | 0 | 0 | 0 | 0 |
| Cane Sugar Production | 35950 | 35950 | 35000 | 34650 | 0 | 37070 |
| Total Sugar Production | 35950 | 35950 | 35000 | 34650 | 0 | 37070 |
| Raw Imports | 0 | 0 | 0 | 0 | 0 | 0 |
| Refined Imp.(Raw Val) | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Imports | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 36300 | 36300 | 35850 | 35600 | 0 | 37420 |
| Raw Exports | 18900 | 18900 | 18950 | 19750 | 0 | 20880 |
| Refined Exp.(Raw Val) | 5050 | 5050 | 4800 | 4600 | 0 | 5220 |
| Total Exports | 23950 | 23950 | 23750 | 24350 | 0 | 26100 |
| Human Dom. Consumption | 11500 | 11400 | 11150 | 10900 | 0 | 10800 |
| Other Disappearance | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 11500 | 11400 | 11150 | 10900 | 0 | 10800 |
| Ending Stocks | 850 | 950 | 950 | 350 | 0 | 520 |

| Total Distribution | 36300 | 36300 | 35850 | 35600 | 0 | 37420 |
|--------------------|-------|-------|-------|-------|---|-------|
| | | | | | | |
| (1000 MT) | | | | | | |