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# GAIN Report

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Required Report - public distribution

**Date:** 4/13/2012

**GAIN Report Number:** BR12005

## **Brazil**

### **Sugar Annual**

### **2012**

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**Report Highlights:**

This report updates BR11016. Brazil's MY 2012/13 sugarcane crop is forecast at 565 mmt, up 4 mmt from the previous season (561 mmt). Approximately 48.63 percent of the crop should be diverted to sugar, up 0.56 percentage points compared to MY 2011/12 due to continued strong international demand for the product. Total exports for MY 2012/13 are projected at 25.25 mmt, raw value, up 2 percent from MY 2011/12.

**Commodities:**

Sugar, Centrifugal

**Production:**

The MY 2012/13 Brazilian sugarcane production is projected at 565 million metric tons (mmt), up 4 mmt from MY 2011/12. The Center-South (CS) region is expected to harvest 500 mmt of sugarcane, a 1 percent increase relative the previous crop (493 mmt), due to expected low agricultural yields as a result of the aging of the sugarcane fields and below average rainfall during the January-March 2012 period. ATO Sao Paulo forecasts the North-Northeastern (NNE) production for MY 2012/13 at 65 mmt, similar to 2011/12 (68 mmt).

The crushing period has just begun and two new plants are expected to come online this season. Total sugarcane area for MY 2012/13 is forecast at 9.75 million hectares (ha), up 100,000 ha from MY 2011/12 (9.65 million 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 Sao Paulo Secretariat of Agriculture.

<b>Area Harvested to Sugarcane (1,000 ha).</b>							
	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012 1/</b>
<b>Brazil 1/</b>	5,529.6	6,016.0	7,088.9	7,409.6	8,033.6	8,368.4	8,567.2
<b>Sao Paulo</b>	3,436.8	3,907.4	4,614.7	4,937.9	5,135.3	5,269.4	n/a

Sources: CONAB, IEA. 1/forecast

The industrial yield for MY 2012/13 is forecast at 139.07 kg of TRS (total reducing sugars)/mt, up 2.48 kg compared to MY 2011/12 (136.59 kg TRS/mt). The following table shows historical Brazilian yields measured in TRS per metric ton of sugarcane.

<b>Sugarcane Industrial Yields (kg TRS/metric ton)</b>					
	MY 08/09	MY 09/10	MY 10/11	MY 11/12	MY 12/13 *
<b>TRS/ton</b>	140.32	130.99	140.07	136.59	139.07

Source: USDA/FAS/ATO/Sao Paulo \* MY 2012/13 - projection.

The following tables show monthly sugarcane crush data for the state of São Paulo and the CS region from the 2007/08 to 2011/12 crops (April-March), as reported by the Sugar and Alcohol Millers Association of São Paulo State (UNICA).

<b>Sugarcane crushed in the state of Sao Paulo (1,000 metric tons).</b>					
<b>Month</b>	<b>07/08</b>	<b>08/09</b>	<b>09/10</b>	<b>10/11</b>	<b>11/12</b>
<b>February</b>	0.00	0.00	0.00	207.21	0.00
<b>March</b>	0.00	472.40	2,665.32	4,120.21	708.01
<b>April</b>	11,725.0	12,948.0	27,545.3	35,863.9	13,464.1
<b>May</b>	35,594.1	38,933.8	46,716.6	51,305.9	49,442.9
<b>June</b>	43,459.2	45,157.1	46,210.3	52,523.4	48,575.0
<b>July</b>	38,781.8	50,136.3	46,934.1	52,596.6	53,335.4
<b>August</b>	46,735.2	47,158.6	45,596.4	52,065.6	49,139.9
<b>September</b>	43,418.5	46,246.2	37,594.3	40,116.0	46,245.9
<b>October</b>	38,912.0	42,464.9	44,334.6	36,567.7	27,754.5
<b>November</b>	27,542.8	39,485.7	36,651.4	27,872.0	14,814.4
<b>December</b>	9,215.3	19,375.0	16,809.7	5,606.2	702.4
<b>January</b>	860.4	2,104.7	3,638.0	294.6	0.0
<b>February</b>	0.0	1,050.7	3,221.3	105.9	23.9
<b>March</b>	0.0	759.5	3,343.3	257.5	23.4
<b>Cumulative</b>	296,244.4	346,293.0	361,260.7	359,502.7	304,229.9

Source: Sugar and Alcohol Millers Association of Sao Paulo State (UNICA).

<b>Sugarcane crushed in Center-Southern Brazil (1,000 metric tons).</b>					
<b>Month</b>	<b>07/08</b>	<b>08/09</b>	<b>09/10</b>	<b>10/11</b>	<b>11/12</b>
<b>February</b>	0	0	0	325	0
<b>March</b>	0	1,340	4,717	6,618	1,795
<b>April</b>	20,297	20,091	39,209	51,599	22,208
<b>May</b>	51,676	55,055	66,950	75,633	76,447
<b>June</b>	62,666	64,751	67,169	81,550	77,244
<b>July</b>	57,449	73,335	70,183	82,122	82,349
<b>August</b>	67,865	68,224	70,987	82,301	79,460
<b>September</b>	63,104	67,655	59,736	64,732	74,081
<b>October</b>	55,929	62,350	65,734	56,349	46,568
<b>November</b>	38,290	56,283	54,713	42,892	27,818
<b>December</b>	12,876	28,096	26,254	11,267	3,660
<b>January</b>	963	3,952	6,399	843	938
<b>February</b>	0	2,190	5,385	441	557
<b>March</b>	0	1,794	4,527	270	138
<b>Cumulative</b>	431,115	505,116	541,962	556,945	493,264

Source: Sugar and Alcohol Millers Association of Sao Paulo State (UNICA).

## **Sugar and Ethanol**

For MY 2012/13, total sucrose (total reducing sugar, TRS) content destined for sugar and ethanol production is forecast at 48.63 and 51.37 percent, respectively, as opposed to 48.07 and 51.93 percent, respectively for MY 2011/12. Sugar-ethanol mills are likely to increase sugar production due to continued strong demand for the product in foreign markets. In addition, the sector should supply enough anhydrous ethanol to the Brazilian market to guarantee the 20 percent blend to gasoline.

Sugar production for MY 2012/13 is forecast at 37.8 mmt, raw value, up 4 percent compared to revised figure for MY 2011/12 (36.15 mmt). The CS states should account for 33 mmt, raw value, up 5 percent from MY 2011/12 (31.25 mmt). The NNE should account for 4.8 mmt of sugar, raw value, similar to MY 2011/12.

Total ethanol production in MY 2012/13 is forecast at 23 billion liters (8.9 billion liters of anhydrous ethanol and 14.1 billion liters of hydrated ethanol). In spite of the steady increase in the flex-fuel vehicle (FFV) fleet, hydrated ethanol production is likely to be limited by the size of the crop, high prices at the pump, and the trend towards sugar production similar to what happened during the previous year.

The table below shows the sales of FFV and ethanol powered cars. Note that sales of FFV currently represent approximately 90 percent of total vehicle sales. According to the industry, at the end of 2011, flex fuel vehicles represented roughly 45 percent of the light vehicles fleet.

<b>Licensing of Ethanol Powered Vehicles (pure ethanol &amp; flex fuel units)</b>						
<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012 /1</b>
1,432,197	2,003,197	2,329,331	2,652,368	2,876,223	2,848,122	414,392
Source: National Association of Vehicle Manufacturers (ANFAVEA) 1/ January-February						
Note: flex fuel vehicles were introduced in March 2003.						

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).

The table below shows the average prices for gasoline and ethanol as well as the price ratio for January-February (off-peak) and July-August (peak season) 2009-2012. Note that similarly to what happened during January-February 2011, gasoline consumption during the January-February 2012 period was favored in several Brazilian states, as reported in the tables below, thus reducing ethanol demand during the off-season.

<b>Gasoline and Ethanol Prices in Selected States (average price, R\$/liter)</b>									
		<b>Gasoline</b>				<b>Ethanol</b>			
		<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
<b>Sao Paulo State</b>	<b>Jan</b>	2.393	2.477	2.487	2.649	1.312	1.807	1.733	1.888
	<b>Feb</b>	2.398	2.509	2.490	2.641	1.331	1.831	1.765	1.818
	<b>Jun</b>	2.349	2.399	2.665		1.168	1.274	1.704	
	<b>Aug</b>	2.351	2.412	2.663		1.231	1.387	1.814	
<b>Sao Paulo City</b>	<b>Jan</b>	2.391	2.475	2.482	2.647	1.312	1.810	1.733	1.874
	<b>Feb</b>	2.396	2.508	2.486	2.630	1.327	1.835	1.766	1.801
	<b>Jun</b>	2.346	2.395	2.680		1.180	1.274	1.716	
	<b>Aug</b>	2.348	2.408	2.673		1.230	1.382	1.820	
<b>Minas Gerais</b>	<b>Jan</b>	2.381	2.489	2.537	2.824	1.611	1.965	1.902	2.208
	<b>Feb</b>	2.374	2.509	2.584	2.817	1.623	2.077	1.956	2.166
	<b>Jun</b>	2.326	2.412	2.823		1.501	1.678	2.075	
	<b>Aug</b>	2.361	2.621	2.817		1.564	1.710	2.126	

<b>Belo Horizonte (MG Capital)</b>	<b>Jan</b>	2.331	2.431	2.499	2.761	1.597	1.926	1.886	2.172
	<b>Feb</b>	2.329	2.458	2.547	2.746	1.612	2.064	1.938	2.128
	<b>Jun</b>	2.282	2.379	2.778		1.487	1.661	2.087	
	<b>Aug</b>	2.313	2.381	2.781		1.547	1.683	2.113	
<b>Rio Janeiro State</b>	<b>Jan</b>	2.537	2.641	2.654	2.850	1.685	2.044	2.022	2.266
	<b>Feb</b>	2.535	2.663	2.663	2.846	1.695	2.104	2.053	2.257
	<b>Jun</b>	2.524	2.613	2.892		1.588	1.703	2.200	
	<b>Aug</b>	2.526	2.598	2.854		1.604	1.718	2.212	
<b>Rio Janeiro Capital</b>	<b>Jan</b>	2.534	2.640	2.651	2.818	1.680	2.050	2.025	2.257
	<b>Feb</b>	2.531	2.660	2.661	2.810	1.692	2.106	2.057	2.236
	<b>Jun</b>	2.521	2.611	2.865		1.579	1.695	2.165	
	<b>Aug</b>	2.523	2.595	2.824		1.598	1.713	2.191	
<b>Porto Alegre (RS Capital)</b>	<b>Jan</b>	2.538	2.568	2.534	2.738	1.746	2.257	2.103	2.372
	<b>Feb</b>	2.538	2.592	2.552	2.689	1.765	2.335	2.157	2.348
	<b>Jun</b>	2.419	2.488	2.722		1.550	1.765	2.180	
	<b>Aug</b>	2.577	2.560	2.632		1.765	1.836	2.237	
<b>Goiania (GO Capital)</b>	<b>Jan</b>	2.565	2.654	2.667	2.831	1.581	1.838	1.822	1.959
	<b>Feb</b>	2.564	2.655	2.697	2.782	1.581	1.897	1.891	1.899
	<b>Jun</b>	2.562	2.304	2.830		1.483	1.227	1.782	
	<b>Aug</b>	2.556	2.384	2.838		1.411	1.347	1.837	
<b>Fortaleza (CE Capital)</b>	<b>Jan</b>	2.388	2.530	2.644	2.551	1.615	1.909	1.871	2.076
	<b>Feb</b>	2.533	2.530	2.647	2.660	1.747	2.013	1.944	2.077
	<b>Jun</b>	2.363	2.663	2.688		1.671	1.807	2.029	
	<b>Aug</b>	2.575	2.645	2.661		1.768	1.772	2.161	

Source: Petroleum, Natural Gas and Biofuels National Agency (ANP).

<b>Ratio Ethanol/Gasoline Prices</b>		<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
<b>Sao Paulo</b>	<b>Jan</b>	55%	73%	70%	71%
	<b>Feb</b>	56%	73%	71%	69%
	<b>Jun</b>	50%	53%	64%	
	<b>Aug</b>	52%	58%	68%	
<b>Sao Paulo</b>	<b>Jan</b>	55%	73%	70%	71%
	<b>Feb</b>	55%	73%	71%	68%
	<b>Jun</b>	50%	53%	64%	
	<b>Aug</b>	52%	57%	68%	
<b>Minas Gerais</b>	<b>Jan</b>	68%	79%	75%	78%
	<b>Feb</b>	68%	83%	76%	77%
	<b>Jun</b>	65%	70%	74%	
	<b>Aug</b>	66%	65%	75%	
<b>Belo Horizonte</b>	<b>Jan</b>	69%	79%	75%	79%
	<b>Feb</b>	69%	84%	76%	77%
	<b>Jun</b>	65%	70%	75%	
	<b>Aug</b>	67%	71%	76%	
<b>Rio Janeiro</b>	<b>Jan</b>	66%	77%	76%	80%
	<b>Feb</b>	67%	79%	77%	79%
	<b>Jun</b>	63%	65%	76%	
	<b>Aug</b>	63%	66%	78%	

<b>Rio de Janeiro</b>	<b>Jan</b>	66%	78%	76%	80%
	<b>Feb</b>	67%	79%	77%	80%
	<b>Jun</b>	63%	65%	76%	
	<b>Aug</b>	63%	66%	78%	
<b>Porto Alegre</b>	<b>Jan</b>	69%	88%	83%	87%
	<b>Feb</b>	70%	90%	85%	87%
	<b>Jun</b>	64%	71%	80%	
	<b>Aug</b>	68%	72%	85%	
<b>Goiania</b>	<b>Jan</b>	62%	69%	68%	69%
	<b>Feb</b>	62%	71%	70%	68%
	<b>Jun</b>	58%	53%	63%	
	<b>Aug</b>	55%	57%	65%	
<b>Fortaleza</b>	<b>Jan</b>	68%	75%	71%	81%
	<b>Feb</b>	69%	80%	73%	78%
	<b>Jun</b>	71%	68%	75%	
	<b>Aug</b>	69%	67%	81%	
Source: Petroleum, Natural Gas and Biofuels National Agency (ANP).					
Gray Area means gasoline prices more attractive than ethanol					

Data for fuel consumption in Brazil, as reported by the Petroleum, Natural Gas and Biofuels National Agency (ANP), follow. The figures take into account the product sales by distributors and do not include illegal sales, which were common in the past for hydrated ethanol due to tax differentiation between both types of ethanol.

<b>Brazilian Fuel Consumption Matrix (000 m3)</b>					
	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012 1/</b>
<b>Diesel</b>	44,764	44,298	49,239	51,782	3,878
<b>Gasoline C**</b>	25,175	25,409	29,844	35,452	3,091
<b>Hydrated Ethanol</b>	13,290	16,471	15,074	10,718	718
Source: ANP ** Gasoline C includes 20-25 % of anhydrous ethanol.					
1/ 2012 refers to January 2012.					

According to the Ministry of Agriculture, Livestock and Supply (MAPA), cumulative ethanol production for the 2011/12 crop through February 28, 2012 was reported at 21.99 billion liters – 8.45 billion liters of anhydrous ethanol and 13.54 liters of hydrated ethanol. The table below shows sugarcane, sugar and ethanol production by state for MY 2011/12, as reported by MAPA.

<b>Cane, Sugar &amp; Alcohol Production: 2011/12 Crop (MT and 000 Liters)</b>					
<b>State/Region</b>	<b>Cane</b>	<b>Sugar</b>	<b>Ethanol</b>		
			<b>Anhydrous</b>	<b>Hydrous</b>	<b>Total</b>

<b>Acre</b>	52,622	0	0	2,681	2,681
<b>Alagoas</b>	25,222,944	2,145,605	311,419	293,394	604,813
<b>Amazonas</b>	286,969	15,483	0	6,432	6,432
<b>Bahia</b>	2,509,220	120,475	66,505	50,093	116,598
<b>Ceara</b>	119,896	0	0	8,392	8,392
<b>Maranhao</b>	2,265,572	9,383	147,699	29,505	177,204
<b>Para</b>	66,637	15,414	17,255	21,762	39,017
<b>Paraíba</b>	5,819,179	214,287	143,866	179,684	323,550
<b>Pernambuco</b>	16,358,625	1,390,815	17,344	150,225	167,569
<b>Piaui</b>	991,946	60,068	35,587	1,891	37,478
<b>Rio Gde Norte</b>	2,959,760	191,074	57,552	4,495	62,047
<b>Rondonia</b>	157,091	0	0	12,416	12,416
<b>Sergipe</b>	1,739,053	77,255	33,417	55,289	88,706
<b>Tocantins</b>	1,366,152	0	75,339	33,849	109,188
<b>NNE</b>	59,915,666	4,239,859	905,983	850,108	1,756,091
<b>Espirito Santo</b>	3,998,344	121,933	137,811	74,119	211,930
<b>Goiás</b>	45,220,066	1,752,443	724,594	1,950,827	2,675,421
<b>Minas Gerais</b>	50,168,231	3,236,283	739,935	1,358,022	2,097,957
<b>Mato Grosso Sul</b>	33,859,650	1,587,746	425,824	1,206,000	1,631,824
<b>Mato Grosso</b>	13,146,985	398,191	329,533	51,392	380,925
<b>Parana</b>	40,519,301	3,008,029	365,888	1,039,416	1,405,304
<b>Rio de Janeiro</b>	2,207,855	129,666	0	81,118	81,118
<b>Rio Grande Sul</b>	95,125	0	0	6,575	6,575
<b>Sao Paulo</b>	307,654,191	21,211,267	4,820,383	6,923,631	11,744,014
<b>Center South</b>	496,869,748	31,445,558	7,543,968	12,691,100	20,235,068
<b>TOTAL</b>	556,785,414	35,685,417	8,449,951	13,541,208	21,991,159
Source: Ministry of Agriculture, Livestock and Supply-Sugar, Alcohol Dept, 02/29/12					

The tables below show monthly sugar production for the state of Sao Paulo and the CS region for the 2007/08 to 2011/12 crops (April-March), as reported by UNICA.

<b>Sugar production in the state of Sao Paulo (Metric tons, tel quel)</b>					
<b>Month</b>	<b>07/08</b>	<b>08/09</b>	<b>09/10</b>	<b>10/11</b>	<b>11/12</b>
<b>February</b>	0	0	0	4,575	0
<b>March</b>	0	8,946	68,428	154,759	23,072
<b>April</b>	506,326	433,514	1,152,563	1,745,785	467,145
<b>May</b>	2,060,416	1,872,140	2,530,999	3,025,435	2,734,815
<b>June</b>	2,773,968	2,425,239	2,728,867	3,427,445	3,161,100
<b>July</b>	2,521,042	3,094,298	3,020,119	3,703,160	3,853,337
<b>August</b>	3,234,706	3,034,421	3,043,705	3,923,784	3,840,998
<b>September</b>	3,172,657	3,101,858	2,468,929	3,125,428	3,801,633
<b>October</b>	2,925,756	2,592,977	2,838,435	2,357,500	2,118,061
<b>November</b>	1,475,693	2,083,437	2,065,829	1,726,851	1,023,956
<b>December</b>	394,983	906,197	570,067	228,169	43,837
<b>January</b>	73,515	59,565	77,063	4,471	0
<b>February</b>	0	21,616	70,985	6,287	0
<b>March</b>	0	28,228	93,377	12,470	0
<b>Cumulative</b>	19,139,062	19,662,436	20,729,364	23,446,119	21,067,954

Source: Sugar and Alcohol Millers Association of Sao Paulo State (UNICA).

<b>Sugar production in Center-Southern Brazil (Metric tons, tel quel).</b>					
<b>Month</b>	<b>07/08</b>	<b>08/09</b>	<b>09/10</b>	<b>10/11</b>	<b>11/12</b>
<b>February</b>	0	0	0	4,575	0
<b>March</b>	0	41,936	147,030	208,240	56,496
<b>April</b>	851,430	631,526	1,572,304	2,342,614	761,078
<b>May</b>	2,816,677	2,527,935	3,364,577	4,094,385	3,966,565
<b>June</b>	3,782,565	3,282,349	3,669,831	4,854,177	4,618,058
<b>July</b>	3,550,615	4,243,947	4,137,318	5,284,255	5,411,365
<b>August</b>	4,480,838	4,087,442	4,381,252	5,704,484	5,629,162
<b>September</b>	4,367,990	4,247,955	3,552,156	4,619,064	5,607,822
<b>October</b>	3,885,907	3,541,734	3,824,806	3,425,318	3,257,617
<b>November</b>	1,879,787	2,741,754	2,786,747	2,496,111	1,776,138
<b>December</b>	504,722	1,221,877	870,648	437,100	178,575
<b>January</b>	80,075	92,084	118,870	10,797	28,526
<b>February</b>	0	40,002	108,770	7,031	14,408
<b>March</b>	0	49,278	110,527	12,574	2,332
<b>Cumulative</b>	26,200,606	26,749,819	28,644,834	33,500,725	31,308,142

Source: Sugar and Alcohol Millers Association of Sao Paulo State (UNICA).

### **Sugarcane, sugar and ethanol prices in the Domestic Market**

The State of Sao Paulo Sugarcane, Sugar and Alcohol Growers Council (CONSECANA) reports that the average sugarcane price (April 2011-March 2012) for the state of Sao Paulo for the 2011/12 crop is reais (R\$) 0.5018 per kg of TRS, or R\$ 70 per ton of sugarcane, up R\$ 14.16 per ton compared to the 2010/2011 crop (R\$ 0.3912 per kg of TRS, or R\$ 55.24 per ton of sugarcane),



due to better sugar and ethanol prices during the crushing season vis-à-vis the previous year. Note that CONSECANA's prices are based on both sugar and ethanol prices in domestic and international markets.

The Crystal Sugar and Ethanol Indexes released by the University of Sao Paulo's College of Agriculture "Luiz de Queiroz" (ESALQ) follow. The indices track crystal sugar, anhydrous and hydrated prices received by producers in the domestic spot market.

<b>Crystal Sugar Prices - Domestic Market (Real, 50kg/bag, including tax).</b>					
<b>Period</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
<b>January</b>	25.04	36.71	70.83	76.29	62.04
<b>February</b>	26.20	44.77	72.49	75.17	59.10
<b>March</b>	27.44	48.40	69.58	70.55	57.34
<b>April 1/</b>	28.11	46.48	63.66	66.24	58.59
<b>May</b>	26.71	44.57	43.76	59.73	
<b>June</b>	24.94	42.20	40.40	52.25	
<b>July</b>	24.38	41.46	40.90	64.33	
<b>August</b>	29.01	45.43	46.42	68.49	
<b>September</b>	30.81	55.50	56.91	65.21	
<b>October</b>	31.13	57.28	71.68	62.73	
<b>November</b>	30.74	56.21	75.24	63.91	
<b>December</b>	31.72	58.73	72.66	63.57	

Source: USP/ESALQ/CEPEA. September 1/ refers to April 5.

<b>Fuel Anhydrous Ethanol Prices: State of São Paulo (R\$/000 liters).</b>					
<b>Month</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
<b>January</b>	786.22	873.30	1,285.40	1,233.20	1,272.75
<b>February</b>	808.08	860.30	1,297.60	1,293.10	1,186.45
<b>March</b>	831.50	744.50	974.60	1,596.60	1,246.30
<b>April 1/</b>	789.40	697.00	908.40	2,375.00	1,291.40
<b>May</b>	821.50	676.40	839.20	1,380.70	
<b>June</b>	787.00	692.80	827.30	1,244.60	
<b>July</b>	873.20	803.78	924.20	1,298.90	
<b>August</b>	858.50	820.70	961.90	1,352.80	
<b>September</b>	891.20	912.90	1,040.20	1,385.20	
<b>October</b>	902.20	1,086.40	1,173.20	1,379.08	
<b>November</b>	897.00	1,093.80	1,185.20	1,380.20	
<b>December</b>	880.60	1,131.60	1,201.80	1,355.96	

Source: USP/ESALQ/CEPEA. September 1/ refers to April 5.

<b>Fuel Hydrous Ethanol Prices: State of São Paulo (R\$/000 liters).</b>					
<b>Month</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
<b>January</b>	697.18	781.40	1,171.20	1,109.40	1,169.93
<b>February</b>	714.70	777.60	1,095.80	1,176.10	1,121.18
<b>March</b>	754.56	656.80	825.20	1,421.90	1,203.10
<b>April 1/</b>	715.60	621.30	799.70	1,387.50	1,213.10

<b>May</b>	697.10	585.22	724.30	1,005.90	
<b>June</b>	665.30	606.60	720.30	1,113.70	
<b>July</b>	718.10	710.20	797.90	1,136.80	
<b>August</b>	719.30	726.50	835.70	1,193.00	
<b>September</b>	749.60	791.40	896.20	1,205.70	
<b>October</b>	715.70	935.10	977.70	1,230.95	
<b>November</b>	726.40	941.90	1,001.00	1,276.35	
<b>December</b>	737.70	1,000.40	1,075.10	1,248.38	

Source: USP/ESALQ/CEPEA. September 1/ refers to April 5.

### Consumption:

During MY 2012/13, ATO Sao Paulo projects Brazilian sugar consumption at 11.7 mmt, raw value, up 200,000 mt above MY 2011/12 (11.5 mmt), reflecting Brazilian population growth and a continued expansion in the food processing sector.

### Trade:

#### Exports

#### Sugar Exports

For MY 2012/13, the Brazilian sugar exports are forecast at 25.25 mmt, raw value, up 600,000 mmt compared to the revised figure from 2011/12 (24.65 mmt), as a consequence of continued strong international demand for the product. Raw sugar should account for 19.85 mmt, raw value, whereas the remainder represents exports of refined sugar.

The following tables show Brazilian sugar exports by destination for MY 2010/11, 20011/12 (May-March) and calendar year (CY) 2011, as reported by the Brazilian Secretariat of Foreign Trade (SECEX).

<b>Brazilian Sugar Exports (NCMs 1701.11, 1701.13 &amp; 1701.14, MT, tel quel, US\$ 000 FOB)</b>						
	<b>MY 2010/11 1/</b>		<b>MY 2011/12 1/</b>		<b>CY 2011 2/</b>	
<b>Country</b>	<b>Quantity</b>	<b>Value</b>	<b>Quantity</b>	<b>Value</b>	<b>Quantity</b>	<b>Value</b>
RUSSIAN FED.	3,251,609	1,605,147	1,859,206	1,011,232	3,255,215	1,843,121
CHINA	1,237,100	505,547	2,043,200	1,157,320	2,043,192	1,157,230
EGYPT	1,000,791	453,525	1,633,666	939,189	1,517,276	878,444
ALGERIA	1,178,416	515,018	1,265,863	716,010	1,306,455	743,629
MALAYSIA	943,206	406,315	900,140	506,809	1,066,800	588,996

BANGLADESH	695,723	296,830	1,119,727	626,871	1,042,456	578,792
VENEZUELA	747,175	369,450	811,154	490,537	863,754	515,791
IRAN	1,384,191	602,166	897,750	492,583	857,520	466,512
MOROCCO	825,732	395,897	772,855	425,235	851,753	485,947
CANADA	718,987	328,711	885,309	518,231	840,617	490,244
OTHERS	7,578,842	3,504,483	6,552,401	3,842,185	6,507,876	3,800,081
TOTAL	19,561,772	8,983,090	18,741,270	10,726,202	20,152,913	11,548,786
Source : Brazilian Foreign Trade Secretariat (SECEX)						
Note : Numbers may not add due to rounding 1/May - March - 2/Jan - Dec.						

<b>Brazilian Sugar Exports (NCM 1701.99.00, MT, tel quel, US\$ 000 FOB)</b>						
	<b>MY 2010/11 1/</b>		<b>MY 2011/12 1/</b>		<b>CY 2011 2/</b>	
<b>Country</b>	<b>Quantity</b>	<b>Value</b>	<b>Quantity</b>	<b>Value</b>	<b>Quantity</b>	<b>Value</b>
UAE	1,119,570	491,766	758,897	439,743	836,422	483,495
GHANA	441,378	236,143	290,042	199,284	380,408	256,538
SAUDI ARABIA	165,800	81,401	375,050	221,901	336,635	200,523
NIGERIA	387,010	173,406	262,152	163,983	321,845	180,538
YEMEN	506,959	249,194	400,325	267,772	244,834	166,872
TOGO	111,541	54,221	173,509	117,757	202,305	139,324
ANGOLA	211,239	114,810	200,237	137,375	201,752	136,584
IRAQ	161,742	90,509	196,258	139,306	196,501	139,115
MAURITANIA	169,898	94,655	188,268	130,577	187,922	131,239
SENEGAL	87,134	50,717	139,174	91,214	172,752	117,424
OTHERS	3,234,263	1,695,016	1,917,824	1,323,317	2,122,684	1,439,678
TOTAL	6,596,533	3,331,839	4,901,735	3,232,229	5,204,060	3,391,329
Source : Brazilian Foreign Trade Secretariat (SECEX)						
Note : Numbers may not add due to rounding 1/May - March - 2/Jan - Dec.						

## Ethanol Exports

The tables below show ethanol exports by destination for MY 2010/11 and MY 2011/12 (May-March), as reported by the Brazilian Secretariat of Foreign Trade (SECEX).

<b>Brazilian Ethanol Exports (NCM 2207.10, 2207.20.11 &amp; 2207.20.19, 000 Liters, MT, US\$ 1,000 FOB)</b>						
	<b>MY 2010/11 1/</b>			<b>MY 2011/12 1/</b>		
<b>Country</b>	<b>Volume</b>	<b>Weight</b>	<b>Value</b>	<b>Volume</b>	<b>Weight</b>	<b>Value</b>
UNITED STATES	340,109	269,037	213,906	645,821	514,958	565,269
SOUTH KOREA	400,676	323,751	210,945	243,558	196,827	165,824
JAPAN	276,901	223,389	142,834	255,824	205,941	185,116

JAMAICA	123,406	99,775	60,589	137,589	110,904	109,416
TRINIDAD TOBAGO	6,561	5,282	3,761	150,581	121,768	118,582
NETHERLANDS	230,624	185,638	121,125	85,046	68,688	60,445
SWITZERLAND	53,024	42,722	30,177	73,312	59,126	47,677
NIGERIA	94,977	76,790	52,458	60,647	49,008	41,280
EL SALVADOR	0	0	0	50,081	40,489	33,855
INDIA	58,603	47,375	27,717	27,565	22,296	21,445
OTHERS	278,801	222,672	158,949	121,096	97,684	97,532
TOTAL	1,863,682	1,496,430	1,022,462	1,851,121	1,487,688	1,446,442

Source : Brazilian Foreign Trade Secretariat (SECEX)

Note : Numbers may not add due to rounding 1/May- March.

### Ethanol Imports

The tables below show ethanol imports by destination for MY 2010/11 and MY 2011/12 (May-March), as reported by the Brazilian Secretariat of Foreign Trade (SECEX).

<b>Brazilian Ethanol Imports (NCM 2207.10, 2207.20.11 &amp; 2207.20.19, 000 Liters, MT, US\$ 1,000 FOB)</b>						
Country	MY 2010/11 1/			MY 2011/12 1/		
	Volume	Weight	Value	Volume	Weight	Value
UNITED STATES	61,085	48,157	33,802	1,270,276	1,003,640	906,108
UNITED KINGDOM	51	1	11	23,964	18,903	18,193
FRANCE	0	0	0	1,674	1,321	1,268
TRINIDAD TOBAGO	0	0	0	417	345	441
JAMAICA	78	77	251	405	371	1,364
BARBADOS	43	36	59	135	113	165
GERMANY	22	30	377	49	54	573
NETHERLANDS	0	0	0	17	13,398	16,204
SPAIN	0	0	0	12	6,709	4,462
MEXICO	13	10	56	8	6	42
OTHERS	78	70	156	30	24	64
TOTAL	61,369	48,381	34,711	1,296,986	1,044,884	948,884

Source : Brazilian Foreign Trade Secretariat (SECEX)

Note : Numbers may not add due to rounding 1/May - March.

### Stocks:

Post forecasts total sugar ending stocks during MY 2012/13 at 565,000 mt, up 850,000 mt compared to the revised figure for MY 2011/12 (- 285,000 mt). Note that negative stocks have been balanced by the early start of the crushing, March/April as opposed to May.

### Policy:

Current legislation requires gasoline sold in Brazil to have anhydrous ethanol content between 20 and 25 percent, with the executive branch having the flexibility to adjust within that band. The current blend is set at 20 percent as of October 1, 2010.

## Exchange Rate

Exchange Rate (R\$/US\$1.00 - official rate, last day of period)							
Month	2006	2007	2008	2009	2010	2011	2012
January	2.22	2.12	1.76	2.32	1.87	1.67	1.74
February	2.14	2.12	1.68	2.38	1.81	1.66	1.71
March	2.17	2.05	1.75	2.25	1.78	1.62	1.82
April 1/	2.09	2.03	1.69	2.18	1.77	1.57	1.83
May	2.30	1.93	1.63	1.97	1.81	1.57	--
June	2.16	1.93	1.64	1.95	1.80	1.56	--
July	2.18	1.88	1.57	1.87	1.75	1.56	--
August	2.14	1.96	1.63	1.88	1.75	1.59	--
September	2.17	1.84	1.92	1.78	1.69	1.85	--
October	2.14	1.74	2.12	1.74	1.70	1.69	--
November	2.17	1.78	2.33	1.75	1.71	1.85	--
December	2.14	1.77	2.34	1.74	1.66	--	--

Source : Gazeta Mercantil and BACEN (as of October 2006) 1/ April 2012 refers to April 11.

## Production, Supply and Demand Data Statistics:

Sugar Cane for Centrifugal Brazil	2010/2011		2011/2012		2012/2013	
	Market Year Begin: Jan 2011		Market Year Begin: Jan 2012		Market Year Begin: Jan 2013	
	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post
Area Planted	8,950	8,950		9,650		9,750
Area Harvested	8,310	8,490		8,890		9,000
Production	639,000	620,000		561,000		565,000
Total Supply	639,000	620,000		561,000		565,000
Utilization for Sugar	286,000	284,900		269,670		274,760
Utilizatn for Alcohol	353,000	335,100		291,330		290,240
Total Utilization	639,000	620,000		561,000		565,000

1000 HA, 1000 MT

Sugar, Centrifugal Brazil	2010/2011		2011/2012		2012/2013	
	Market Year Begin: May 2010		Market Year Begin: May 2011		Market Year Begin: May 2012	
	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post
Beginning Stocks	-835	-835	-285	-285		-285
Beet Sugar Production	0	0	0	0		0
Cane Sugar Production	38,350	38,350	35,750	36,150		37,800
Total Sugar Production	38,350	38,350	35,750	36,150		37,800
Raw Imports	0	0	0	0		0
Refined Imp.(Raw Val)	0	0	0	0		0
Total Imports	0	0	0	0		0
Total Supply	37,515	37,515	35,465	35,865		37,515
Raw Exports	20,400	20,400	18,700	19,350		19,850
Refined Exp.(Raw Val)	5,400	5,400	5,100	5,300		5,400

<b>Total Exports</b>	25,800	25,800	23,800	24,650		25,250
<b>Human Dom. Consumption</b>	12,000	12,000	11,500	11,500		11,700
<b>Other Disappearance</b>	0	0	0	0		0
<b>Total Use</b>	12,000	12,000	11,500	11,500		11,700
<b>Ending Stocks</b>	-285	-285	165	-285		565
<b>Total Distribution</b>	37,515	37,515	35,465	35,865		37,515
1000 MT						