



Final report of 2014/2015 harvest season

South-Central region

Table 1. 2014/2015 sugarcane harvest in South-Central Brazil - final numbers
Comparison with 2013/2014 crop year

Products	Crop year			
	2013/2014	2014/2015	Var. (%)	
Sugarcane ¹	597,061	571,344	↓ -4.31%	
Sugar ¹	34,295	31,987	↓ -6.73%	
Anhydrous ethanol ²	11,008	10,755	↓ -2.29%	
Hydrous ethanol ²	14,568	15,390	↑ 5.65%	
Total ethanol ²	25,575	26,146	↑ 2.23%	
ATR ¹	79,601	78,036	↓ -1.97%	
ATR/ ton of sugarcane ³	133.32	136.58	↑ 2.45%	
Share (%)	sugar	45.22%	43.02%	↓
	ethanol	54.78%	56.98%	↑
Liters of ethanol/ ton of sugarcane	42.83	45.76	↑ 6.83%	
Kilograms of sugar/ ton of sugarcane	57.44	55.99	↓ -2.53%	

Source: UNICA. Note: ¹ - thousand tons; ² - million liters; ³ - kg of ATR/ ton of sugarcane. To calculate the " ATR product" effect, it was excluded from the production of corn ethanol , specified in Table 21 .

Table 2. Sugarcane harvest per State of South-Central region

STATE	Sugarcane ¹		Sugar ¹		Total ethanol ²		Anhydrous ethanol ²		Hydrous ethanol ²	
	2013/2014	2014/2015	2013/2014	2014/2015	2013/2014	2014/2015	2013/2014	2014/2015	2013/2014	2014/2015
ES	3,769,980	3,242,981	122,979	107,294	181,820	167,263	110,276	115,516	71,544	51,747
GO	62,017,736	66,276,016	1,890,649	1,997,115	3,878,931	4,175,416	1,055,307	1,261,232	2,823,624	2,914,184
MT	16,989,204	17,011,941	417,730	405,277	1,103,857	1,168,840	532,148	498,455	571,709	670,385
MS	41,496,041	42,974,302	1,367,573	1,340,425	2,231,415	2,439,676	613,578	605,524	1,617,837	1,834,152
MG	61,042,002	59,321,007	3,411,125	3,267,099	2,657,357	2,727,186	1,246,193	1,248,262	1,411,164	1,478,924
PR	42,215,787	43,078,387	3,036,810	2,923,325	1,487,641	1,609,750	492,025	538,481	995,616	1,071,269
RJ	2,007,610	1,586,425	84,494	37,434	85,402	89,209	0	0	85,402	89,209
RS	73,236	73,408	0	0	4,510	4,399	0	0	4,510	4,399
SP	367,449,592	337,779,879	23,963,379	21,909,128	13,944,092	13,763,835	6,957,985	6,487,610	6,986,107	7,276,225
TOTAL	597,061,188	571,344,346	34,294,739	31,987,097	25,575,025	26,145,574	11,007,512	10,755,080	14,567,513	15,390,494

STATE	Kg TRS/ton. sugarcane		Kg sugar/ton. sugarcane		Liters ethanol/ton. sugarcane		Sugar mix (%)		Ethanol mix (%)	
	2013/2014	2014/2015	2013/2014	2014/2015	2013/2014	2014/2015	2013/2014	2014/2015	2013/2014	2014/2015
ES	117.21	123.77	32.62	33.08	48.23	51.58	29.21%	28.05%	70.79%	71.95%
GO	138.07	138.61	30.49	30.13	62.55	63.00	23.17%	22.82%	76.83%	77.18%
MT	133.32	133.89	24.59	23.82	64.97	68.71	19.36%	18.67%	80.64%	81.33%
MS	125.80	128.92	32.96	31.19	53.77	56.77	27.49%	25.39%	72.51%	74.61%
MG	133.11	136.40	55.88	55.07	43.53	45.97	44.06%	42.38%	55.94%	57.62%
PR	135.41	134.77	71.94	67.86	35.24	37.37	55.75%	52.85%	44.25%	47.15%
RJ	115.47	119.02	42.09	23.60	42.54	56.23	38.25%	20.81%	61.75%	79.19%
RS	103.22	100.44	0.00	0.00	61.58	59.93	0.00%	0.00%	0%	0%
SP	133.43	137.77	65.22	64.86	37.95	40.75	51.29%	49.41%	48.71%	50.59%
TOTAL	133.32	136.58	57.44	55.99	42.83	45.76	45.22%	43.02%	54.78%	56.98%

Source: UNICA. Note: ¹ - thousand tons; ² - million liters; ³ - kg of TRS/ton. of sugarcane. "ATR" index was calculated excluding corn ethanol production, in the South Central region and the state of Mato Grosso do Sul.

Table 3. Sugarcane harvest by autonomous distilleries and mixed production mills in South-Central region

MILLS	2013/2014	2014/2015
Mixed production mills		
Sugarcane ¹	505,520	475,708
Sugar ¹	34,295	31,987
Anhydrous ethanol ²	8,823	8,202
Hydrous ethanol ²	9,273	10,115
Total ethanol ²	18,095	18,317
Distilleries		
Sugarcane ¹	91,541	95,637
Sugar ¹	0	0
Anhydrous ethanol ²	2,185	2,553
Hydrous ethanol ²	5,295	5,275
Total ethanol ²	7,480	7,828

Source: UNICA. Note: ¹ - thousand tons; ² - million liters; autonomous distilleries are plants dedicated exclusively to ethanol production; mixed production mills are dedicated to producing both ethanol and sugar.

Table 4. Bi-weekly sugarcane crushing, ACCUMULATED - results for the South-Central region

Bi-weekly period	SUGARCANE (tons)								
	São Paulo			South-Central region			Others states		
	2013/2014	2014/2015	Var. (%)	2013/2014	2014/2015	Var. (%)	2013/2014	2014/2015	Var. (%)
16/02	0	0		0	0		0	0	
01/03	0	0		0	0		0	0	
16/03	83,427	0	-100%	189,063	0	-100%	105,636	0	-100%
01/04	929,297	2,374,947	156%	1,840,562	3,756,735	104%	911,265	1,381,788	52%
16/04	6,143,937	10,361,535	69%	9,573,279	16,425,285	72%	3,429,342	6,063,750	77%
01/05	26,582,398	25,864,406	-3%	41,715,627	40,375,303	-3%	15,133,229	14,510,897	-4%
16/05	52,951,373	50,378,296	-5%	82,138,063	79,310,238	-3%	29,186,690	28,931,942	-1%
01/06	74,439,279	74,374,047	0%	117,681,757	117,313,113	0%	43,242,478	42,939,066	-1%
16/06	95,769,497	101,231,474	6%	153,333,465	158,845,004	4%	57,563,968	57,613,530	0%
01/07	113,832,267	128,259,299	13%	182,738,268	202,988,618	11%	68,906,001	74,729,319	8%
16/07	140,047,880	153,794,909	10%	225,731,010	244,387,435	8%	85,683,130	90,592,526	6%
01/08	166,707,398	176,292,897	6%	270,163,489	280,382,374	4%	103,456,091	104,089,477	1%
16/08	194,863,040	203,112,226	4%	316,635,285	325,244,031	3%	121,772,245	122,131,805	0%
01/09	224,574,908	231,028,662	3%	365,444,859	372,690,491	2%	140,869,951	141,661,829	1%
16/09	251,390,113	254,714,393	1%	408,543,259	412,624,133	1%	157,153,146	157,909,740	0%
01/10	271,293,528	270,317,675	0%	442,613,956	441,440,469	0%	171,320,428	171,122,794	0%
16/10	289,850,058	293,269,708	1%	473,902,542	480,849,565	1%	184,052,484	187,579,857	2%
01/11	314,410,424	312,875,231	0%	512,841,085	515,318,254	0%	198,430,661	202,443,023	2%
16/11	334,701,570	325,011,966	-3%	545,155,064	538,455,308	-1%	210,453,494	213,443,342	1%
01/12	350,855,713	332,005,221	-5%	571,197,780	554,221,298	-3%	220,342,067	222,216,077	1%
16/12	362,238,753	335,725,901	-7%	589,268,333	564,383,966	-4%	227,029,580	228,658,065	1%
01/01	366,337,618	337,111,624	-8%	595,006,866	568,071,049	-5%	228,669,248	230,959,425	1%
16/01	366,719,522	337,528,505	-8%	595,666,359	569,290,095	-4%	228,946,837	231,761,590	1%
01/02	366,862,753	337,685,097	-8%	595,977,140	570,111,221	-4%	229,114,387	232,426,124	1%
16/02	366,882,077	337,779,848	-8%	596,126,411	570,575,296	-4%	229,244,334	232,795,448	2%
01/03	366,882,077	337,779,848	-8%	596,180,762	570,775,137	-4%	229,298,685	232,995,289	2%
16/03	366,918,034	337,779,878	-8%	596,281,589	571,059,772	-4%	229,363,555	233,279,894	2%
01/04	367,449,592	337,779,879	-8%	597,061,188	571,344,346	-4%	229,611,596	233,564,467	2%

Source: UNICA.

Table 5. Bi-weekly sugarcane crushing, ACCUMULATED - results for the South-Central region

Bi-weekly period	SUGARCANE (tons)								
	São Paulo			South-Central region			Others states		
	2013/2014	2014/2015	Var. (%)	2013/2014	2014/2015	Var. (%)	2013/2014	2014/2015	Var. (%)
16/02	0	0		0	0		0	0	
01/03	0	0		0	0		0	0	
16/03	816	0		867	0	-100%	51	0	-100%
01/04	27,262	86,965	219%	48,222	137,703	186%	20,960	50,738	142%
16/04	179,554	387,886	116%	245,078	559,118	128%	65,524	171,232	161%
01/05	1,201,510	1,077,798	-10%	1,701,785	1,499,504	-12%	500,275	421,706	-16%
16/05	2,718,767	2,472,409	-9%	3,782,832	3,411,642	-10%	1,064,065	939,233	-12%
01/06	4,039,759	3,951,923	-2%	5,640,636	5,435,475	-4%	1,600,877	1,483,552	-7%
16/06	5,258,072	5,683,419	8%	7,438,666	7,756,135	4%	2,180,594	2,072,716	-5%
01/07	6,344,440	7,516,765	18%	8,948,889	10,341,048	16%	2,604,449	2,824,283	8%
16/07	8,022,865	9,325,482	16%	11,366,329	12,889,901	13%	3,343,464	3,564,419	7%
01/08	9,769,962	10,924,478	12%	13,907,584	15,128,124	9%	4,137,622	4,203,646	2%
16/08	11,793,034	12,866,998	9%	16,830,772	17,925,959	7%	5,037,738	5,058,961	0%
01/09	14,014,538	14,927,513	7%	20,059,971	20,944,121	4%	6,045,433	6,016,608	0%
16/09	16,115,080	16,639,863	3%	23,037,208	23,446,222	2%	6,922,128	6,806,359	-2%
01/10	17,668,451	17,661,692	0%	25,341,341	25,081,498	-1%	7,672,890	7,419,806	-3%
16/10	18,958,250	19,240,394	1%	27,248,573	27,445,485	1%	8,290,323	8,205,091	-1%
01/11	20,708,445	20,556,569	-1%	29,713,415	29,486,380	-1%	9,004,970	8,929,811	-1%
16/11	22,102,034	21,278,769	-4%	31,688,364	30,680,251	-3%	9,586,330	9,401,482	-2%
01/12	23,124,045	21,693,215	-6%	33,120,938	31,439,078	-5%	9,996,893	9,745,863	-3%
16/12	23,731,923	21,838,900	-8%	34,002,562	31,822,260	-6%	10,270,639	9,983,360	-3%
01/01	23,931,109	21,897,094	-8%	34,256,845	31,945,661	-7%	10,325,736	10,048,567	-3%
16/01	23,939,364	21,903,802	-9%	34,265,105	31,960,205	-7%	10,325,741	10,056,403	-3%
01/02	23,941,351	21,906,636	-8%	34,267,358	31,973,727	-7%	10,326,007	10,067,091	-3%
16/02	23,941,351	21,909,121	-8%	34,267,359	31,978,461	-7%	10,326,008	10,069,340	-2%
01/03	23,941,351	21,909,121	-8%	34,267,359	31,979,977	-7%	10,326,008	10,070,856	-2%
16/03	23,943,240	21,909,137	-8%	34,270,517	31,982,559	-7%	10,327,277	10,073,422	-2%
01/04	23,963,379	21,909,141	-9%	34,294,739	31,987,097	-7%	10,331,360	10,077,956	-2%

Source: UNICA.

Table 6. Bi-weekly ethanol, ACCUMULATED - results for the South-Central region

Bi-weekly period	TOTAL ETHANOL (m ³)								
	São Paulo			South-Central region			Others states		
	2013/2014	2014/2015	Var. (%)	2013/2014	2014/2015	Var. (%)	2013/2014	2014/2015	Var. (%)
16/02	0			0			0		
01/03	0			0			0		
16/03	3,052			9,329			6,277		
01/04	34,833	92,899	167%	70,246	147,422	110%	35,413	54,523	54%
16/04	221,200	391,440	77%	370,328	661,361	79%	149,128	269,921	81%
01/05	977,230	981,517	0%	1,623,964	1,634,044	1%	646,734	652,527	1%
16/05	1,971,181	1,895,253	-4%	3,277,352	3,232,370	-1%	1,306,171	1,337,117	2%
01/06	2,846,590	2,800,073	-2%	4,876,421	4,832,652	-1%	2,029,831	2,032,579	0%
16/06	3,653,120	3,790,354	4%	6,386,936	6,562,427	3%	2,733,816	2,772,073	1%
01/07	4,348,036	4,817,555	11%	7,678,256	8,450,414	10%	3,330,220	3,632,859	9%
16/07	5,291,010	5,804,599	10%	9,458,982	10,262,458	8%	4,167,972	4,457,859	7%
01/08	6,273,744	6,684,539	7%	11,357,938	11,862,823	4%	5,084,194	5,178,284	2%
16/08	7,299,899	7,758,391	6%	13,312,208	13,896,311	4%	6,012,309	6,137,920	2%
01/09	8,395,912	8,936,708	6%	15,400,355	16,142,350	5%	7,004,443	7,205,642	3%
16/09	9,400,154	9,992,730	6%	17,281,352	18,109,039	5%	7,881,198	8,116,309	3%
01/10	10,212,062	10,779,429	6%	18,883,629	19,675,903	4%	8,671,567	8,896,474	3%
16/10	10,902,654	11,767,583	8%	20,240,581	21,589,863	7%	9,337,927	9,822,280	5%
01/11	11,824,906	12,620,874	7%	21,878,668	23,279,635	6%	10,053,762	10,658,761	6%
16/11	12,574,514	13,148,888	5%	23,195,217	24,383,729	5%	10,620,703	11,234,841	6%
01/12	13,210,160	13,482,461	2%	24,323,300	25,198,089	4%	11,113,140	11,715,628	5%
16/12	13,689,945	13,660,475	0%	25,132,233	25,695,599	2%	11,442,288	12,035,124	5%
01/01	13,896,821	13,727,027	-1%	25,440,703	25,909,787	2%	11,543,882	12,182,760	6%
16/01	13,914,487	13,749,417	-1%	25,481,267	25,985,093	2%	11,566,780	12,235,676	6%
01/02	13,923,041	13,756,098	-1%	25,505,316	26,039,155	2%	11,582,275	12,283,057	6%
16/02	13,924,414	13,761,276	-1%	25,519,311	26,076,160	2%	11,594,897	12,314,884	6%
01/03	13,924,479	13,762,876	-1%	25,528,133	26,095,059	2%	11,603,654	12,332,183	6%
16/03	13,925,782	13,763,333	-1%	25,538,775	26,120,766	2%	11,612,993	12,357,433	6%
01/04	13,944,092	13,763,835	-1%	25,575,025	26,145,574	2%	11,630,933	12,381,739	6%

Source: UNICA. Note: data include the volume of reprocessed ethanol and corn ethanol production.

Table 7. Bi-weekly anhydrous ethanol, ACCUMULATED - results for the South-Central region

Bi-weekly period	ANHYDROUS ETHANOL (m ³)								
	São Paulo			South-Central region			Others states		
	2013/2014	2014/2015	Var. (%)	2013/2014	2014/2015	Var. (%)	2013/2014	2014/2015	Var. (%)
16/02	0	0		0	0		0	0	
01/03	0	0		0	0		0	0	
16/03	852	0		1,389	0		537	0	
01/04	7,630	33,777	343%	16,439	46,593	183%	8,809	12,816	45%
16/04	39,198	166,560	325%	39,227	213,183	443%	29	46,623	
01/05	288,806	396,471	37%	399,334	524,264	31%	110,528	127,793	16%
16/05	736,972	837,546	14%	1,065,953	1,219,348	14%	328,981	381,802	16%
01/06	1,165,762	1,302,667	12%	1,755,063	1,942,503	11%	589,301	639,836	9%
16/06	1,558,421	1,812,274	16%	2,397,942	2,743,968	14%	839,521	931,694	11%
01/07	1,927,016	2,326,287	21%	2,978,838	3,583,591	20%	1,051,822	1,257,304	20%
16/07	2,426,171	2,832,201	17%	3,786,708	4,382,182	16%	1,360,537	1,549,981	14%
01/08	2,974,055	3,303,698	11%	4,673,287	5,115,680	9%	1,699,232	1,811,982	7%
16/08	3,513,179	3,858,110	10%	5,534,789	6,021,482	9%	2,021,610	2,163,372	7%
01/09	4,107,842	4,440,101	8%	6,499,981	6,981,629	7%	2,392,139	2,541,528	6%
16/09	4,636,543	4,913,766	6%	7,362,500	7,758,445	5%	2,725,957	2,844,679	4%
01/10	5,048,040	5,267,783	4%	8,074,200	8,392,346	4%	3,026,160	3,124,563	3%
16/10	5,414,912	5,722,245	6%	8,697,295	9,172,865	5%	3,282,383	3,450,620	5%
01/11	5,925,337	6,103,908	3%	9,484,811	9,864,283	4%	3,559,474	3,760,375	6%
16/11	6,324,911	6,318,692	0%	10,092,928	10,300,263	2%	3,768,017	3,981,571	6%
01/12	6,666,542	6,453,590	-3%	10,582,276	10,591,638	0%	3,915,734	4,138,048	6%
16/12	6,883,209	6,532,369	-5%	10,903,541	10,793,338	-1%	4,020,332	4,260,969	6%
01/01	6,961,287	6,549,357	-6%	11,015,251	10,868,801	-1%	4,053,964	4,319,444	7%
16/01	6,967,845	6,537,750	-6%	11,023,924	10,868,373	-1%	4,056,079	4,330,623	7%
01/02	6,972,683	6,542,090	-6%	11,030,945	10,879,421	-1%	4,058,262	4,337,331	7%
16/02	6,980,501	6,541,030	-6%	11,039,996	10,874,619	-1%	4,059,495	4,333,589	7%
01/03	6,977,604	6,509,173	-7%	11,030,637	10,822,842	-2%	4,053,033	4,313,669	6%
16/03	6,963,464	6,496,772	-7%	11,014,469	10,777,446	-2%	4,051,005	4,280,674	6%
01/04	6,957,985	6,487,610	-7%	11,007,512	10,755,080	-2%	4,049,527	4,267,470	5%

Source: UNICA. Note: data include the volume of reprocessed ethanol and corn ethanol production.

Table 8. Bi-weekly hydrous ethanol, ACCUMULATED - results for the South-Central region

Bi-weekly period	HYDROUS ETHANOL (m ³)								
	São Paulo			South-Central region			Others states		
	2013/2014	2014/2015	Var. (%)	2013/2014	2014/2015	Var. (%)	2013/2014	2014/2015	Var. (%)
16/02	0	0		0	0		0		
01/03	0	0		0	0		0		
16/03	2,200	0		7,940	0		5,740		
01/04	27,203	59,122	117%	53,807	100,829	87%	26,604	41,707	57%
16/04	182,002	224,880	24%	331,101	448,178	35%	149,099	223,298	
01/05	688,424	585,046	-15%	1,224,630	1,109,780	-9%	536,206	524,734	-2%
16/05	1,234,209	1,057,707	-14%	2,211,399	2,013,022	-9%	977,190	955,315	-2%
01/06	1,680,828	1,497,406	-11%	3,121,358	2,890,149	-7%	1,440,530	1,392,743	-3%
16/06	2,094,699	1,978,080	-6%	3,988,994	3,818,459	-4%	1,894,295	1,840,379	-3%
01/07	2,421,020	2,491,268	3%	4,699,418	4,866,823	4%	2,278,398	2,375,555	4%
16/07	2,864,839	2,972,398	4%	5,672,274	5,880,276	4%	2,807,435	2,907,878	4%
01/08	3,299,689	3,380,841	2%	6,684,651	6,747,143	1%	3,384,962	3,366,302	-1%
16/08	3,786,720	3,900,281	3%	7,777,419	7,874,829	1%	3,990,699	3,974,548	0%
01/09	4,288,070	4,496,607	5%	8,900,374	9,160,721	3%	4,612,304	4,664,114	1%
16/09	4,763,611	5,078,964	7%	9,918,852	10,350,594	4%	5,155,241	5,271,630	2%
01/10	5,164,022	5,511,646	7%	10,809,429	11,283,557	4%	5,645,407	5,771,911	2%
16/10	5,487,742	6,045,338	10%	11,543,286	12,416,998	8%	6,055,544	6,371,660	5%
01/11	5,899,569	6,516,966	10%	12,393,857	13,415,352	8%	6,494,288	6,898,386	6%
16/11	6,249,603	6,830,196	9%	13,102,289	14,083,466	7%	6,852,686	7,253,270	6%
01/12	6,543,618	7,028,871	7%	13,741,024	14,606,451	6%	7,197,406	7,577,580	5%
16/12	6,806,736	7,128,106	5%	14,228,692	14,902,261	5%	7,421,956	7,774,155	5%
01/01	6,935,534	7,177,670	3%	14,425,452	15,040,986	4%	7,489,918	7,863,316	5%
16/01	6,946,642	7,211,667	4%	14,457,343	15,116,720	5%	7,510,701	7,905,053	5%
01/02	6,950,358	7,214,008	4%	14,474,371	15,159,734	5%	7,524,013	7,945,726	6%
16/02	6,943,913	7,220,246	4%	14,479,315	15,201,541	5%	7,535,402	7,981,295	6%
01/03	6,946,875	7,253,703	4%	14,497,496	15,272,217	5%	7,550,621	8,018,514	6%
16/03	6,962,318	7,266,561	4%	14,524,306	15,343,320	6%	7,561,988	8,076,759	7%
01/04	6,986,107	7,276,225	4%	14,567,513	15,390,494	6%	7,581,406	8,114,269	7%

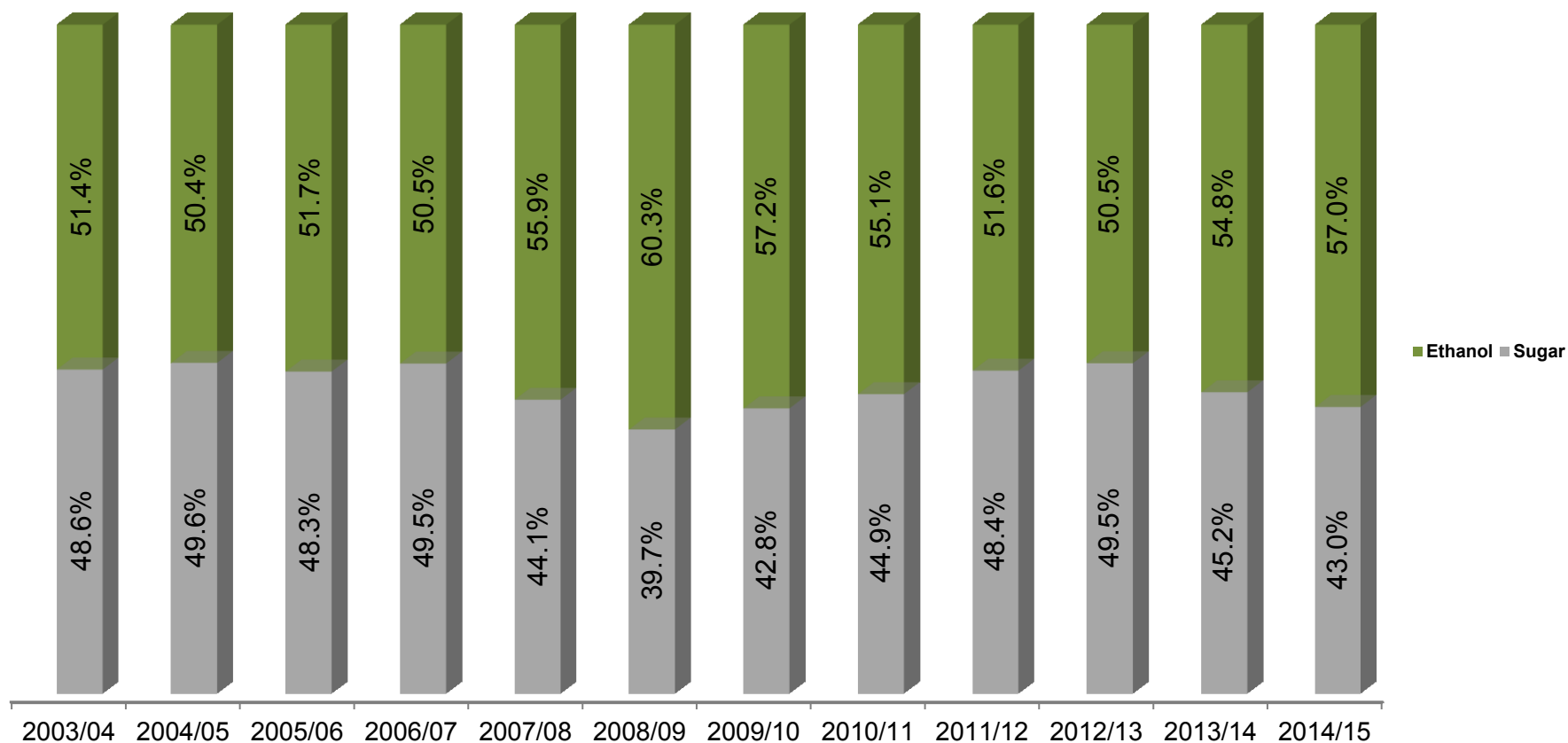
Source: UNICA. Note: data include the volume of reprocessed ethanol and corn ethanol production.

Table 9. Bi-weekly ethanol mix (%) of South-Central region

Bi-weekly period	ETHANOL MIX (%)					
	São Paulo		South-Central region		Others states	
	2013/2014	2014/2015	2013/2014	2014/2015	2013/2014	2014/2015
01/04	65.95	63.41	67.50	63.41	69.26	63.42
16/04	66.32	61.76	70.95	66.25	80.24	73.90
01/05	54.51	58.14	58.19	62.57	64.86	71.02
16/05	51.62	51.65	56.35	57.61	65.46	68.17
01/06	51.95	49.96	58.34	56.26	68.62	67.41
16/06	51.92	48.29	57.74	54.82	66.32	67.06
01/07	51.11	47.76	58.20	54.30	69.53	64.98
16/07	47.86	47.12	54.54	53.62	64.78	64.33
01/08	47.92	47.35	54.91	53.77	65.18	64.57
16/08	45.31	47.44	52.11	54.17	62.57	64.49
01/09	44.65	48.27	51.30	54.74	61.51	64.33
16/09	43.85	50.10	50.72	56.06	61.89	65.09
01/10	46.04	55.63	53.10	60.86	63.09	67.29
16/10	46.66	50.49	53.68	56.80	63.67	65.62
01/11	46.29	51.35	52.01	57.34	61.93	65.14
16/11	46.78	54.30	52.06	59.99	61.28	66.40
01/12	50.41	56.67	56.17	63.44	65.99	69.23
16/12	56.24	66.55	59.67	67.60	65.64	68.22

Source: UNICA. Note: ethanol mix was calculated excluding corn ethanol production registered.

Historical evolution of the target of sugarcane processed by the Center-South region . Values in%.



Source: UNICA.

Table 10. Bi-weekly sugarcane quality index (kg of TRS per ton of sugarcane) for South-Central region

Bi-weekly period	kg of TRS/ ton. of sugarcane					
	São Paulo		South-Central region		Others states	
	2013/2014	2014/2015	2013/2014	2014/2015	2013/2014	2014/2015
16/04	91.00	103.41	91.98	103.44	94.01	103.50
01/05	115.37	111.59	113.76	110.10	110.94	107.37
16/05	124.81	123.50	123.79	121.58	121.89	118.32
01/06	134.26	129.33	131.68	127.78	127.73	125.14
16/06	124.67	130.85	125.26	129.81	126.15	127.91
01/07	129.10	136.28	128.95	134.47	128.72	131.61
16/07	128.87	140.57	129.81	139.32	131.27	137.29
01/08	132.06	141.68	133.12	141.15	134.69	140.28
16/08	137.90	144.64	137.86	142.81	137.79	140.10
01/09	141.76	149.73	142.59	147.49	143.87	144.29
16/09	146.42	152.06	147.11	149.64	148.25	146.11
01/10	151.79	154.90	151.33	152.18	150.67	148.98
16/10	136.77	145.80	138.12	145.73	140.09	145.65
01/11	139.25	144.83	138.42	145.68	137.02	146.81
16/11	135.44	136.66	133.81	135.36	131.05	133.93
01/12	133.90	143.56	131.71	138.17	128.13	133.88
16/12	128.08	122.83	126.95	122.14	125.02	121.75

Source: UNICA. Note: data exclude corn ethanol production.

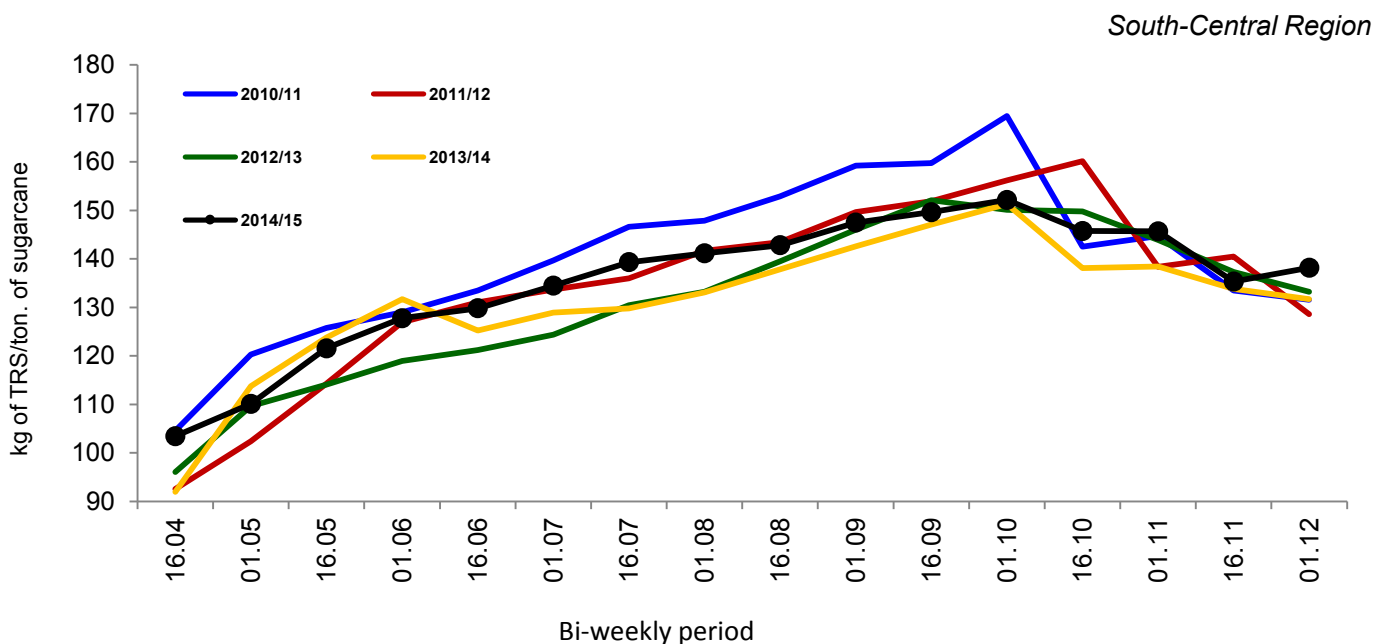


Table 11. Historical series of sugarcane quality (kg of TRS per ton of sugarcane) and the number of new mills and closed mills, per harvest season, in South-Central region.

Harvest season	Average TRS (kg TRS/ ton of sugarcane)	Number of new mills	Number of closed mills
2007/2008	143.63	22	2
2008/2009	140.11	29	2
2009/2010	129.56	21	3
2010/2011	140.50	10	5
2011/2012	137.54	3	14
2012/2013	135.57	2	13
2013/2014	133.32	2	9
2014/2015	136.58	0	11

Source: UNICA

Tabela 12. Monthly ethanol sales by type of product and destination market , the units of the South-Central region (m³)

Product	Month	Total		External market		Domestic market	
		2013/2014	2014/2015	2013/2014	2014/2015	2013/2014	2014/2015
Total ethanol	Apr	1,637,813	1,809,742	68,414	169,000	1,569,399	1,640,742
	May	2,095,419	2,118,344	233,788	166,660	1,861,631	1,951,684
	Jun	2,215,116	1,983,139	451,857	127,359	1,763,259	1,855,780
	Jul	2,524,943	2,023,931	458,615	85,600	2,066,328	1,938,331
	Aug	2,561,978	2,040,256	360,497	89,975	2,201,481	1,950,281
	Sep	2,251,197	2,049,059	307,829	95,575	1,943,368	1,953,484
	Oct	2,238,695	2,153,526	169,930	79,579	2,068,765	2,073,947
	Nov	2,013,124	2,058,956	97,910	137,727	1,915,214	1,921,229
	Dec	1,995,045	2,257,838	140,815	158,260	1,854,230	2,099,578
	Jan	2,207,308	2,184,627	85,897	78,599	2,121,411	2,106,028
	Feb	1,924,166	1,931,637	78,517	57,120	1,845,649	1,874,517
	Mar	2,006,881	2,569,663	117,201	255,683	1,889,680	2,313,980
	Total		25,671,685	25,180,718	2,571,270	1,501,137	23,100,415
Anhydrous ethanol	Apr	603,884	806,759	50,768	143,534	553,116	663,225
	May	971,646	984,435	199,324	128,708	772,322	855,727
	Jun	1,073,468	894,955	338,104	48,402	735,364	846,553
	Jul	1,214,412	882,724	357,473	29,511	856,939	853,213
	Aug	1,156,663	883,158	225,268	57,047	931,395	826,111
	Sep	927,849	881,617	159,120	43,156	768,729	838,461
	Oct	846,511	860,133	39,476	35,564	807,035	824,569
	Nov	785,870	799,076	29,011	46,559	756,859	752,517
	Dec	794,045	924,549	72,164	120,529	721,881	804,020
	Jan	878,794	852,174	34,975	42,261	843,819	809,913
	Feb	784,509	708,369	53,665	27,714	730,844	680,655
	Mar	977,862	965,714	72,823	102,532	905,039	863,182
	Total		11,015,513	10,443,663	1,632,171	825,517	9,383,342
Hydrous ethanol	Apr	1,033,929	1,002,983	17,646	25,466	1,016,283	977,517
	May	1,123,773	1,133,909	34,464	37,952	1,089,309	1,095,957
	Jun	1,141,648	1,088,184	113,753	78,957	1,027,895	1,009,227
	Jul	1,310,531	1,141,207	101,142	56,089	1,209,389	1,085,118
	Aug	1,405,315	1,157,098	135,229	32,928	1,270,086	1,124,170
	Sep	1,323,348	1,167,442	148,709	52,419	1,174,639	1,115,023
	Oct	1,392,184	1,293,393	130,454	44,015	1,261,730	1,249,378
	Nov	1,227,254	1,259,880	68,899	91,168	1,158,355	1,168,712
	Dec	1,201,000	1,333,289	68,651	37,731	1,132,349	1,295,558
	Jan	1,328,514	1,332,453	50,922	36,338	1,277,592	1,296,115
	Feb	1,139,657	1,223,268	24,852	29,406	1,114,805	1,193,862
	Mar	1,029,019	1,603,949	44,378	153,151	984,641	1,450,798
	Total		14,656,172	14,737,055	939,099	675,620	13,717,073

Source: UNICA. Note: data includes ethanol for fuel, industrial purposes, beverage production and the volume destined to own consumption by mills; it also includes the imports by producers and non-producers, beyond the amount used for transfer duct ethanol ballast.

Table 13. Monthly sales by mills in South-Central region - ethanol for other uses (m³)

Product	Month	Total			Anhydrous ethanol			Hydrous ethanol		
		2013/2014	2014/2015	Var. (%)	2013/2014	2014/2015	Var. (%)	2013/2014	2014/2015	Var. (%)
Ethanol for other uses	Apr	93,252	61,034	↓ -34.55%	19,528	18,197	↓ -6.82%	73,724	42,837	↓ -41.90%
	May	88,307	83,058	↓ -5.94%	15,050	21,038	↑ 39.79%	73,257	62,020	↓ -15.34%
	Jun	87,768	88,147	↑ 0.43%	19,579	14,696	↓ -24.94%	68,189	73,451	↑ 7.72%
	Jul	136,846	90,267	↓ -34.04%	21,401	19,593	↓ -8.45%	115,445	70,674	↓ -38.78%
	Aug	110,770	111,208	↑ 0.40%	17,666	21,984	↑ 24.44%	93,104	89,224	↓ -4.17%
	Sep	93,128	91,789	↓ -1.44%	19,556	16,274	↓ -16.78%	73,572	75,515	↑ 2.64%
	Oct	105,217	99,605	↓ -5.33%	20,054	20,071	↑ 0.08%	85,163	79,534	↓ -6.61%
	Nov	82,385	92,507	↑ 12.29%	16,791	16,183	↓ -3.62%	65,594	76,324	↑ 16.36%
	Dec	56,092	77,845	↑ 38.78%	17,312	11,511	↓ -33.51%	38,780	66,334	↑ 71.05%
	Jan	95,985	73,788	↓ -23.13%	19,479	14,601	↓ -25.04%	76,506	59,187	↓ -22.64%
	Feb	88,532	67,717	↓ -23.51%	21,194	12,597	↓ -40.56%	67,338	55,120	↓ -18.14%
	Mar	71,151	65,883	↓ -7.40%	14,419	13,168	↓ -8.68%	56,732	52,715	↓ -7.08%
Total		1,109,433	1,002,848	↓ -9.61%	222,029	199,913	↓ -9.96%	887,404	802,935	↓ -9.52%

Source: UNICA. Note: ethanol sales destined to the domestic market shown in Table 12 include the volume of ethanol fuel traded, ethanol for other purposes (shown in the table above), imports, losses and own use by mills, beyond the amount used for transfer duct ethanol ballast.

Table 14. Sugar exports by South-Central region of Brazil (thousand tons).

Month	Harvest season		Var. (%)
	2013/2014	2014/2015	
April	1,354	1,125	↓ -16.88%
May	1,775	1,278	↓ -27.97%
June	2,200	1,776	↓ -19.27%
July	2,297	2,353	↑ 2.44%
August	3,297	2,305	↓ -30.10%
September	2,521	2,191	↓ -13.07%
October	2,592	2,612	↑ 0.77%
November	2,176	1,858	↓ -14.63%
Dezember	1,971	1,806	↓ -8.33%
January	1,918	2,197	↑ 14.54%
February	1,482	810	↓ -45.30%
March	1,377	1,868	↑ 35.64%
Total	24,959	22,180	↓ -11.13%

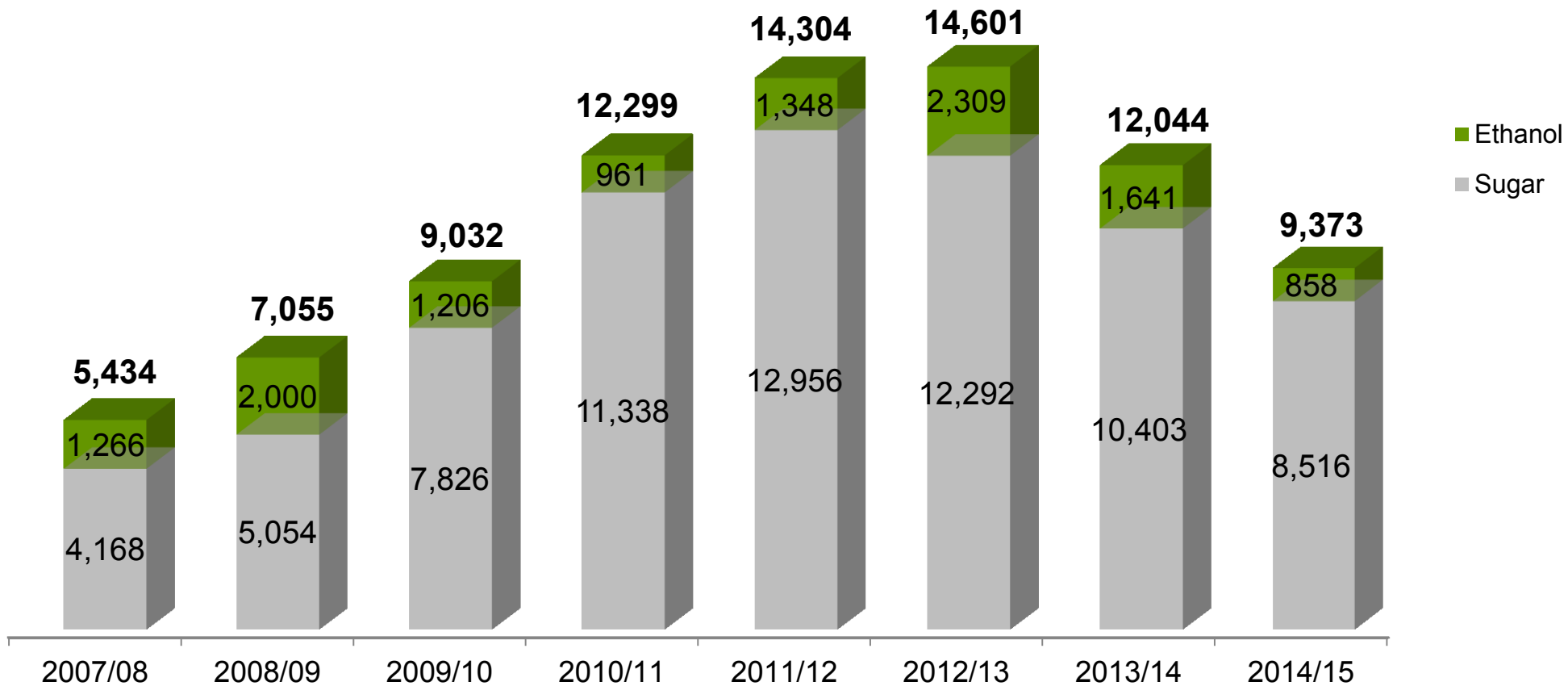
Source: Secex. Elaboration: UNICA.

Table 15. Ethanol imports by South-Central region of Brazil (m³).

Month	Harvest season		Var. (%)
	2013/2014	2014/2015	
April	28	3,546	↑ 12581%
May	32	5,991	↑ 18907%
June	28	8,353	↑ 29678%
July	112	563	↑ 401%
August	1	15,082	↑ 1324338%
September	59	582	↑ 882%
October	3	139	↑ 4416%
November	19	37	↑ 100%
Dezember	15	56	↑ 265%
January	12	21,384	↑ 178250%
February	35,933	21,941	↓ -39%
March	38,035	27,861	↓ -27%
Total	74,277	105,534	↑ 42.08%
Share of ethanol imports from USA	99.40%	90.85%	
Imports as a share of ethanol consumption	0.39%	0.50%	

Source: Secex (for imports, considering the place of unloading) and ANP (for consumption data). Elaboration: UNICA.

**Sugar and ethanol export revenues generated by Brazilian South-Central region in different crops
(million US\$)**



Source: Secex. Elaboration: UNICA. Note: data from South-Central region has been compiled according to the state where the exporting company is located.

Table 16. Ethanol conversion in South-Central region of Brazil (m³).

Month	Conversion of anhydrous ethanol into hydrous ethanol		Conversion of hydrous ethanol into anhydrous ethanol	
	2013/2014	2014/2015	2013/2014	2014/2015
April	39.7	22.5	17.0	26.4
May	2.5	1.8	30.1	54.2
June	5.2	2.4	56.7	70.3
July	2.5	1.5	46.0	88.7
August	0.7	4.5	61.8	68.4
September	0.5	2.6	84.2	70.4
October	0.5	3.8	95.1	88.9
November	1.4	2.9	89.9	98.7
Dezember	2.6	8.0	58.4	66.7
January	7.7	33.0	9.8	12.8
February	19.7	62.7	15.9	0.0
March	28.6	82.8	4.9	14.7
Total	111.6	228.7	569.7	660.3

Source: UNICA.

Table 17. Ethanol supply & demand balance in South-Central region of Brazil. Volume in thousand m³.

	Anhydrous ethanol	Hydrous ethanol	Total
Stock in April 1, 2014 - 2014/2015 harvest season	696	462	1,157
Production during 2014/2015 harvest season beginning in 04/01/2014(*)	10,880	15,492	26,372
Sales to domestic market - April 2014 to March 2015	9,618	14,061	23,680
<i>Sales of fuel ethanol</i>	9,384	13,112	22,496
<i>Sales of ethanol for industrial purposes and to own consumption by mills</i>	234	949	1,184
Sales to external market - April 2014 to March 2015	826	676	1,501
Stock in April 1, 2015 - 2014/2015 harvest season	1,132	1,217	2,349

Source: UNICA. Note: *production include the volume of hydrous ethanol converted into anhydrous ethanol (vice versa), the imports by producers and non-producers, corn ethanol production and production of new crop (2015/2016) held until April 1, 2015.

Table 18. Sugar supply & demand balance in South-Central region of Brazil. Values in thousand tons.

	2013/2014	2014/2015	Var. (%)
Initial stock	1,910	1,880	↓ -1.59%
Production	34,295	31,987	↓ -6.73%
Exports*	24,959	22,180	↓ -11.13%
Domestic market**	9,366	8,705	↓ -7.05%
Final stock	1,880	2,982	↑ 58.60%

Source: UNICA and Secex. Note: *export data provided by Secex; **domestic market calculated by the difference between the sum of the initial stock and production, minus sales to external market and the stock registered at the end of the harvest season.

Table 19. Average prices of TRS and of the sugarcane delivered by growers in São Paulo state. Nominal values.

Harvest season	Kg of TRS/ ton. of sugarcane	R\$/ton. of sugarcane	R\$/ton. of sugarcane	
			Sugarcane destined to sugar production	Sugarcane destined to ethanol production
2007/2008	143.85	35.14	32.86	37.14
2008/2009	141.80	39.45	39.49	39.43
2009/2010	130.26	45.49	51.87	39.99
2010/2011	141.07	56.74	62.19	51.68
2011/2012	137.78	69.14	72.75	64.73
2012/2013	135.43	64.03	68.08	59.20
2013/2014	133.43	61.01	59.64	62.43
2014/2015	137.77	65.62	64.93	66.28

Source: Consecana, Orplana and UNICA. Elaboration: UNICA. Note: *ATR product - average value for the State of São Paulo.

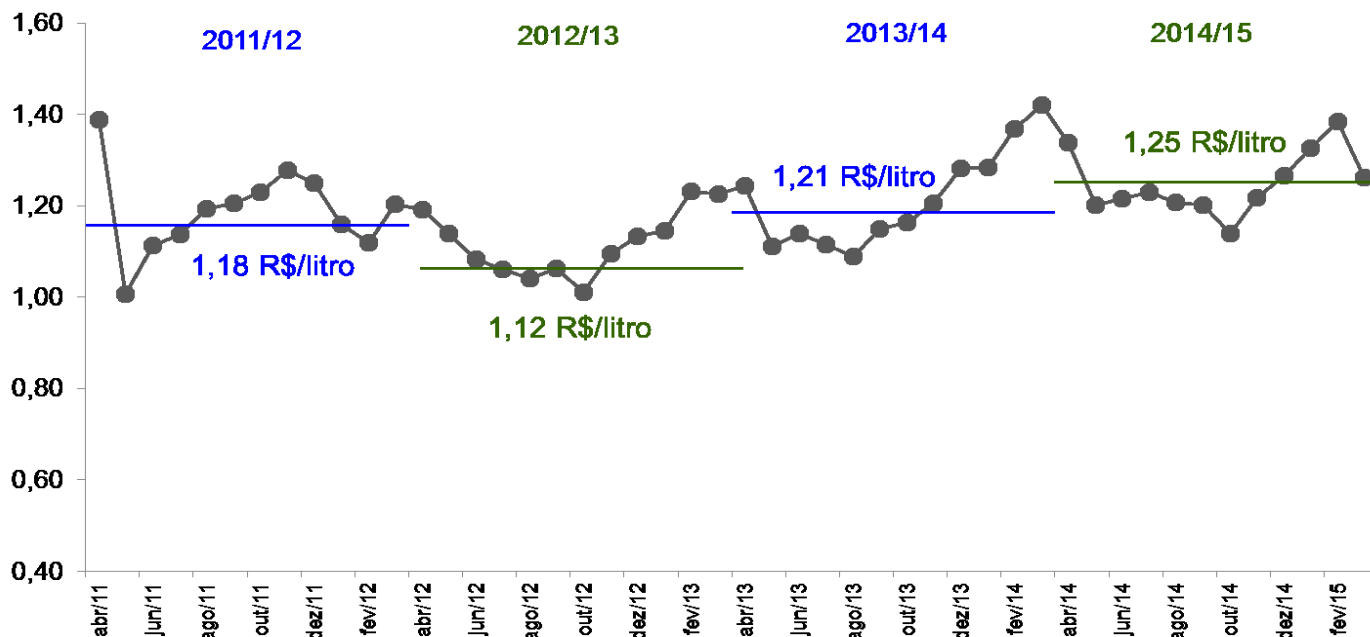
Table 20. Corn ethanol production in South Central region during 2013/2014 harvest season (m³).

Bi-weekly period	CORN ETHANOL PRODUCTION					
	Bi-weekly production			Accummulated production		
	Anhydrous	Hydrous	Total	Anhydrous	Hydrous	Total
16/02	0	0	0	0	0	0
01/03	0	0	0	0	0	0
16/03	0	0	0	0	0	0
01/04	0	0	0	0	0	0
16/04	0	3,214	3214	0	3,214	3,214
01/05	0	1,855	1855	0	5,069	5,069
16/05	0	1,745	1745	0	6,814	6,814
01/06	0	1,761	1761	0	8,575	8,575
16/06	0	1,277	1277	0	9,852	9,852
01/07	0	1,598	1598	0	11,450	11,450
16/07	0	1,803	1803	0	13,253	13,253
01/08	0	2,482	2482	0	15,735	15,735
16/08	0	2,379	2379	0	18,114	18,114
01/09	0	2,618	2618	0	20,732	20,732
16/09	0	2,030	2030	0	22,762	22,762
01/10	0	2,039	2039	0	24,801	24,801
16/10	0	1,682	1682	0	26,483	26,483
01/11	0	1,919	1919	0	28,402	28,402
16/11	156	1,929	2085	156	30,331	30,487
01/12	0	2,497	2,497	156	32,828	32,984
16/12	1,960	3,595	5,555	2,116	36,423	38,539
01/01	2,635	3,245	5,880	4,751	39,668	44,419
16/01	2,117	2,904	5,021	6,868	42,572	49,440
01/02	2,432	4,551	6,983	9,300	47,123	56,423
16/02	710	6,184	6,894	10,010	53,307	63,317
01/03	259	4,477	4,736	10,269	57,784	68,053
16/03	409	7,464	7,873	10,678	65,248	75,926
01/04	159	8,797	8,956	10,837	74,045	84,882

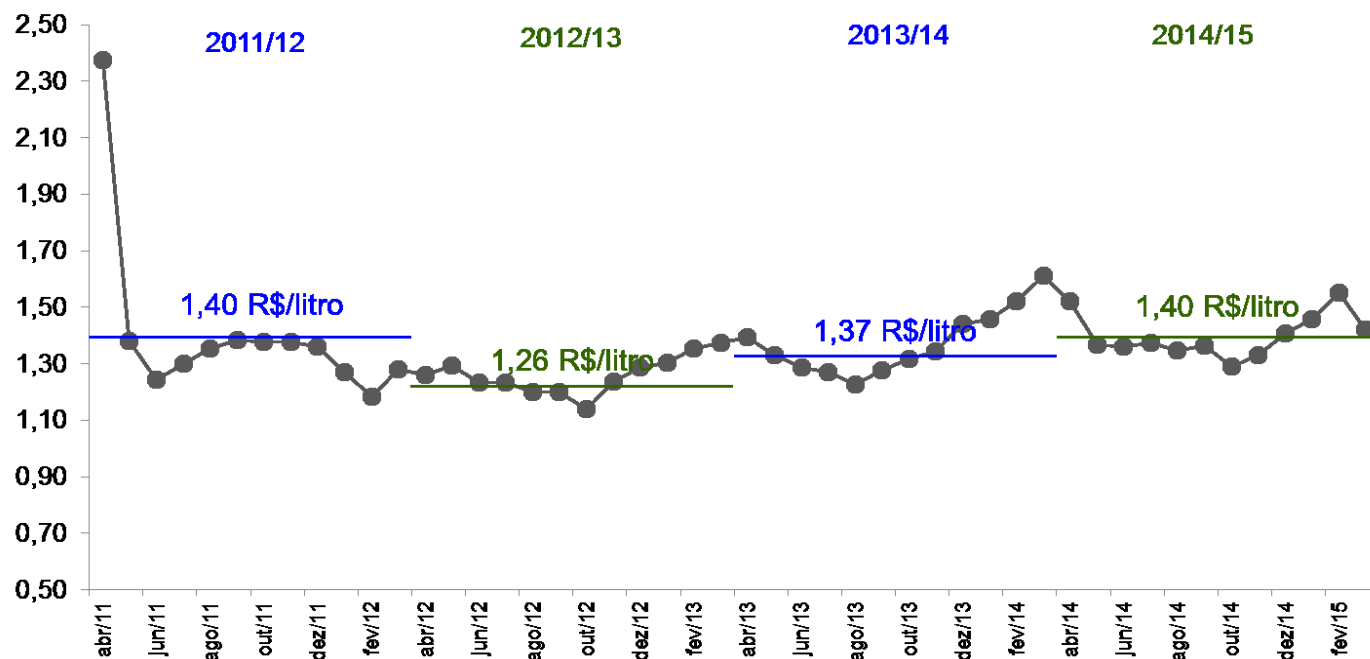
Source: UNICA.

Monthly prices received by producers in São Paulo state - ethanol

Fuel hydrous ethanol (R\$/liter)



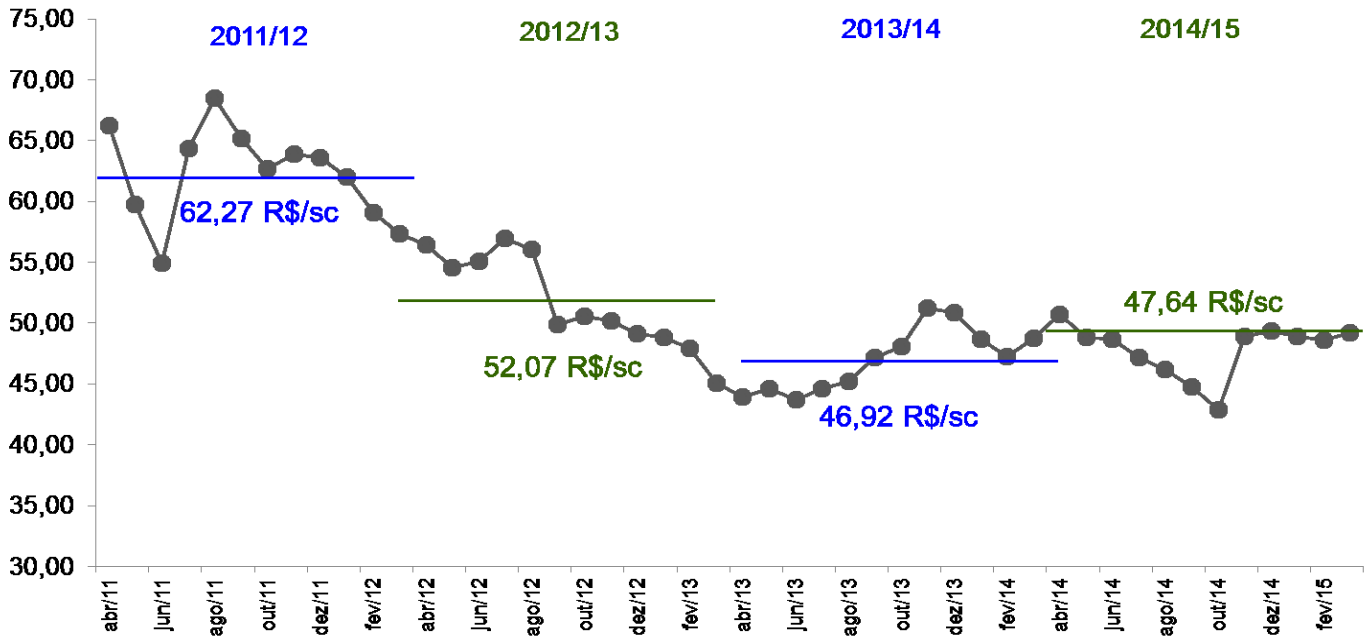
Fuel anhydrous ethanol (R\$/liter)



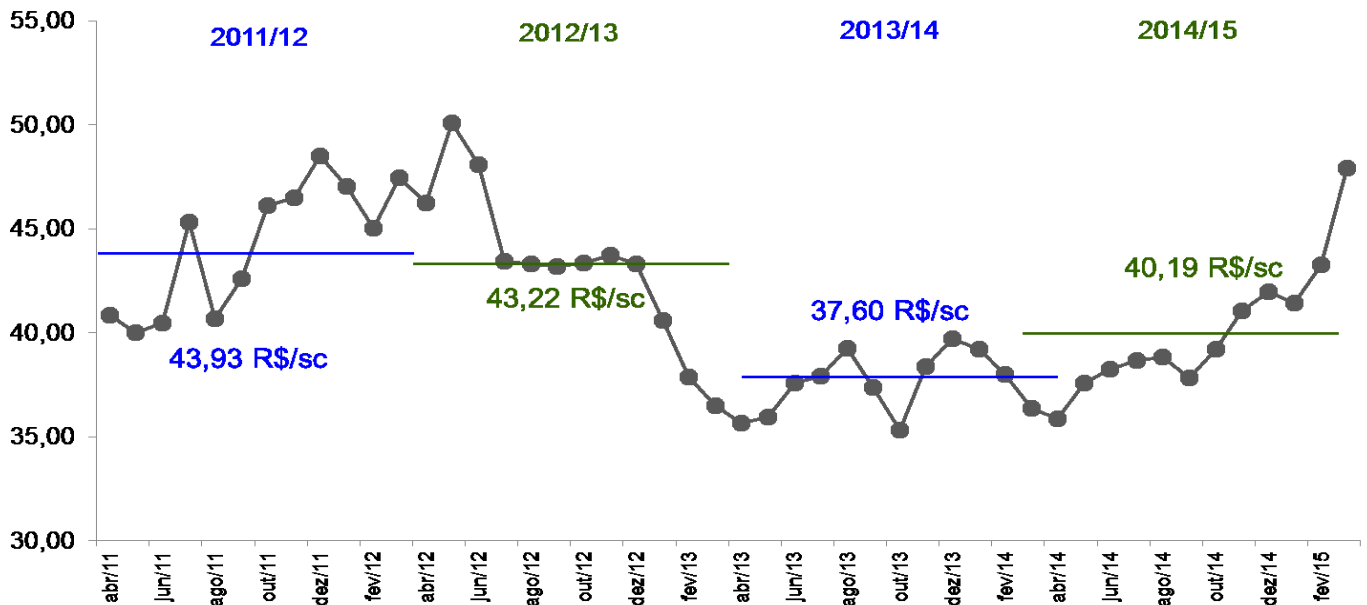
Source: CEPEA. Elaboration: UNICA. Note: prices minus freight charges and taxes; highlighted values refer to the average prices of the harvest season and they are calculated considering the trading curve published by Consecana; nominal values.

Monthly prices received by producers in São Paulo state - sugar

White sugar - domestic market (R\$/ 50 kg bag)



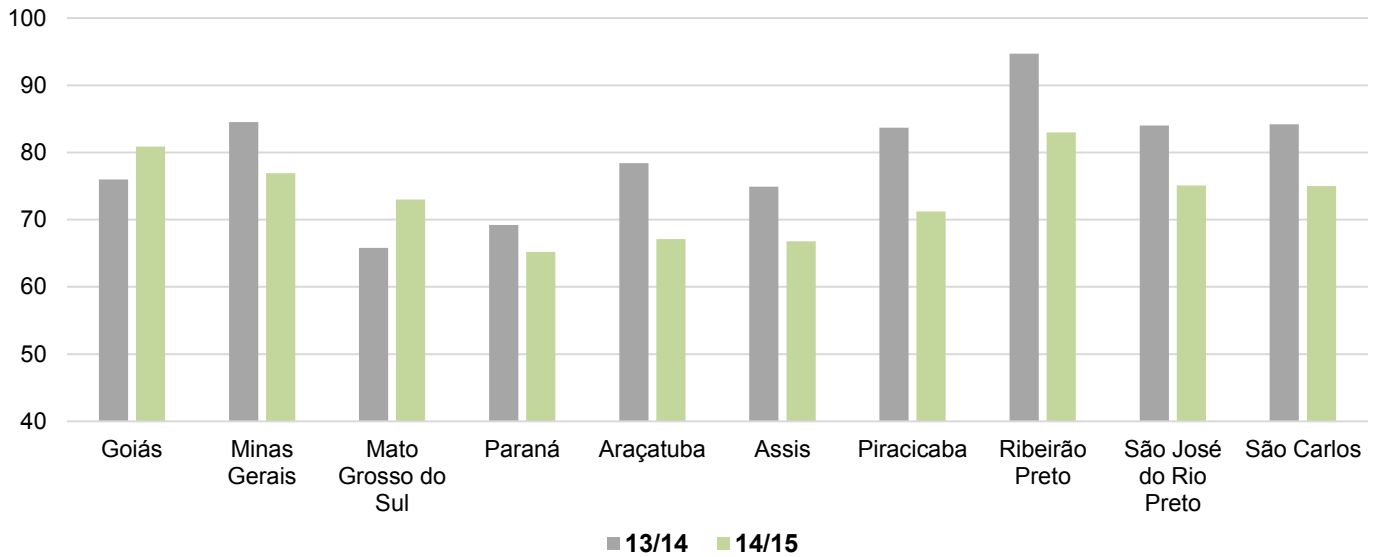
Raw sugar - external market (R\$/ 50 kg bag)



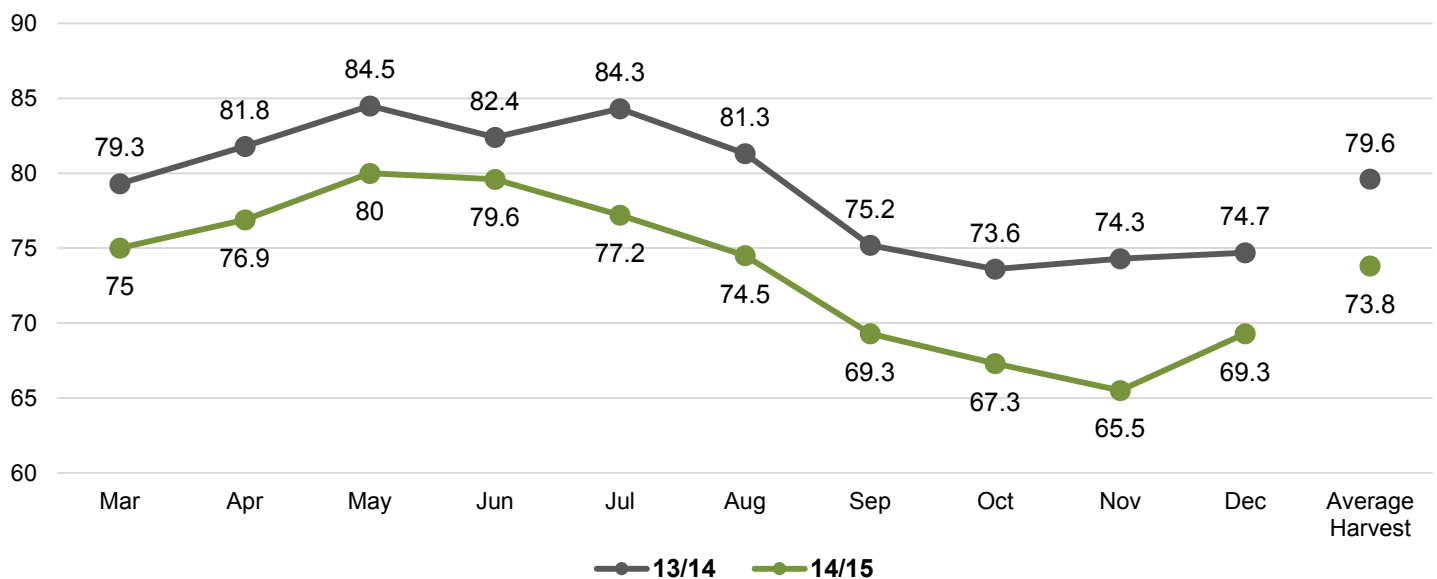
Source: CEPEA. Elaboration: UNICA. Note: prices minus freight charges but include taxes; highlighted values refer to the average prices of the harvest season and they are calculated considering the trading curve published by Consecana; monthly prices has been computed using a new methodology up to 2014/2015 harvest season; nominal values.

Agricultural productivity in South-Central region of Brazil. Values in tons of sugarcane per hectare.

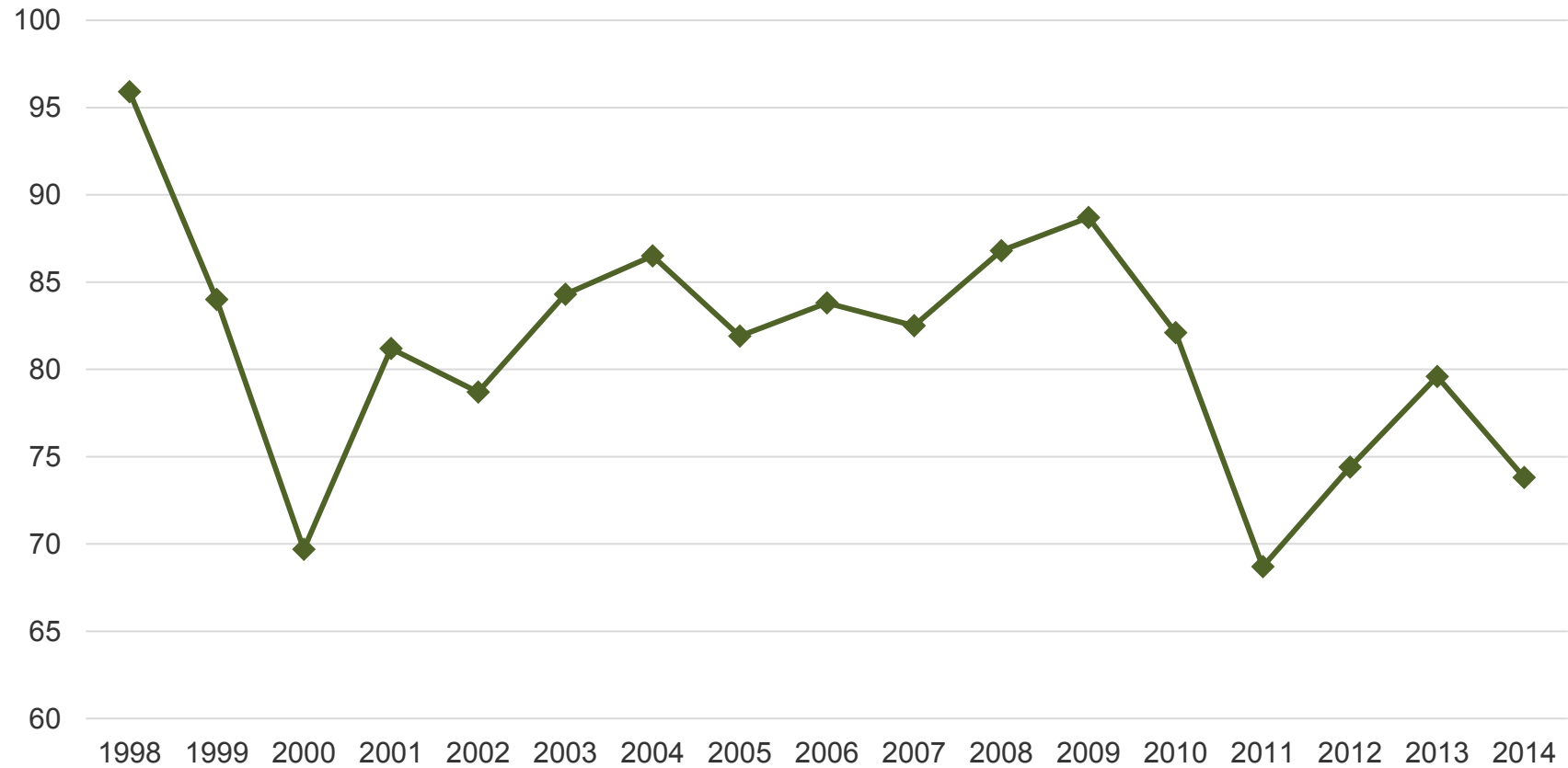
Agricultural productivity by sugarcane cutting stage - South-Central region of Brazil and regions of the State of São Paulo



Monthly agricultural productivity - South-Central region of Brazil



Historical average agricultural productivity, by calendar year - South-Central region of Brazil. Values in tons of sugarcane per hectare.



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Data released in this report has been compiled and analyzed by UNICA, with figures provided by mills and by the following associations of producers from South-Central states:

- *Ethanol and sugar producers association in the state of Paraná (Alcopar);*
- *Bioenergy producers association of Mato Grosso do Sul (Biosul);*
- *Sugar and ethanol industries association in the state of Minas Gerais (SIAMIG);*
- *Association of ethanol industry of Goiás state (SIFAEG);*
- *Sugar and ethanol industry association of Mato Grosso (SINDALCOOL);*
- *Plants and distilleries society of Espírito Santo state (SUDES);*
- *“Fluminense” association of sugar and ethanol producers (SINDAAF).*

Data regarding weather and agricultural conditions has been provided by the Center for Sugarcane Technology (CTC).

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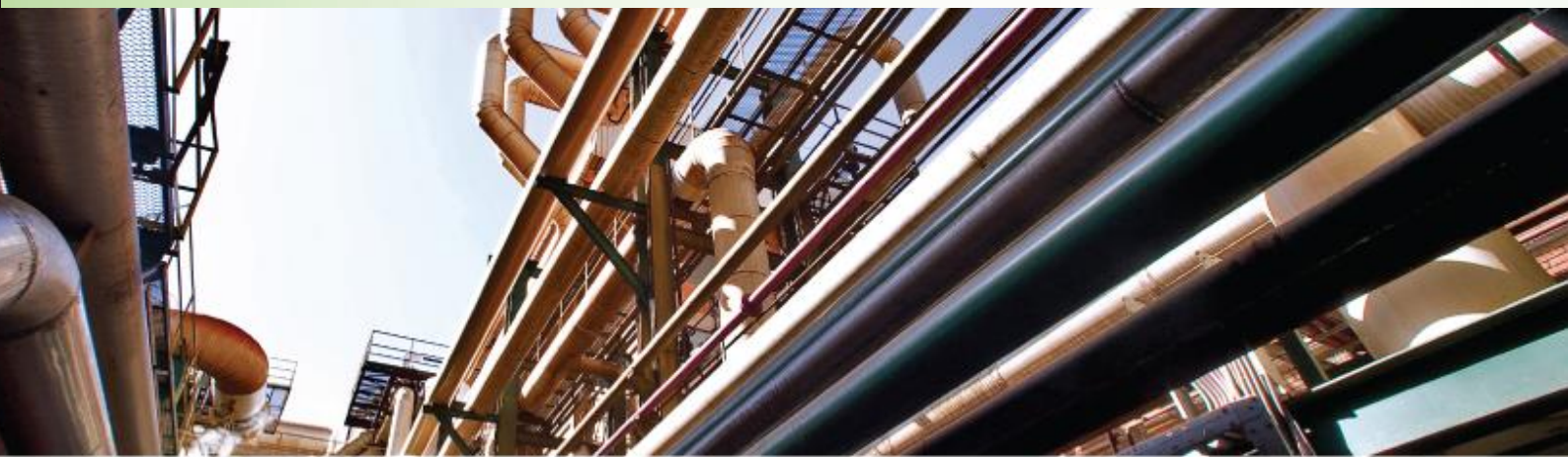
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BioSul
Associação dos Produtores de Bioenergia
de Mato Grosso do Sul



Associação das Indústrias Sucroenergéticas de Minas Gerais



SINDALCOOL/MT
SINDICATO DAS INDÚSTRIAS SUOROALCOOLEIRAS
DO ESTADO DE MATO GROSSO

SINDAAF



SINDICATO DA INDÚSTRIA DE FABRICAÇÃO
DE ETANOL DO ESTADO DE GOIÁS
GOIÁS ETHANOL INDUSTRY ASSOCIATION



SINDICATO DA INDÚSTRIA DE FABRICAÇÃO
DE AÇÚCAR DO ESTADO DE GOIÁS
GOIÁS SUGAR INDUSTRY ASSOCIATION

SUDES