

Harvest update of South-Central region

Bi-weekly bulletin

Position until 08/16/2019



UNIÃO DA INDÚSTRIA DE CANA-DE-AÇÚCAR

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Table 1. 2019/2020 harvest season: accumulated production until August 16, 2019

Product	South-Central region			São Paulo			Others states			
	2018/2019	2019/2020	Var. (%)	2018/2019	2019/2020	Var. (%)	2018/2019	2019/2020	Var. (%)	
Sugarcane ¹	350,218	350,308	↑ 0.03%	209,542	204,309	↓ -2.50%	140,676	145,999	↑ 3.78%	
Sugar ¹	16,504	15,457	↓ -6.34%	11,501	10,655	↓ -7.36%	5,003	4,802	↓ -4.01%	
Anhydrous ethanol ²	5,574	5,525	↓ -0.89%	3,263	3,233	↓ -0.90%	2,312	2,291	↓ -0.88%	
Hydrous ethanol ²	12,553	12,350	↓ -1.62%	6,558	5,887	↓ -10.23%	5,994	6,462	↑ 7.81%	
Total ethanol ²	18,127	17,874	↓ -1.39%	9,821	9,121	↓ -7.13%	8,306	8,754	↑ 5.39%	
TRS ¹	47,712	45,853	↓ -3.90%	28,770	26,706	↓ -7.17%	18,942	19,147	↑ 1.08%	
TRS/ ton of sugarcane ³	136.23	130.89	↓ -3.92%	137.30	130.71	↓ -4.80%	134.65	131.14	↓ -2.60%	
Share %	sugar	36.30%	35.38%	↓	41.95%	41.87%	↓	27.72%	26.32%	↓
	ethanol	63.70%	64.62%	↑	58.05%	58.13%	↑	72.28%	73.68%	↑
Liters of ethanol/ ton of sugarcane	51.09	49.80	↓ -2.53%	46.87	44.64	↓ -4.75%	57.37	57.01	↓ -0.63%	
Kg of sugar/ ton of sugarcane	47.13	44.13	↓ -6.37%	54.89	52.15	↓ -4.98%	35.57	32.89	↓ -7.51%	

Table 2. 2019/2020 harvest season: BI-WEEKLY values (1st two-week period of August, 2019)

Product	South-Central region			São Paulo			Others states			
	2018/2019	2019/2020	Var. (%)	2018/2019	2019/2020	Var. (%)	2018/2019	2019/2020	Var. (%)	
Sugarcane ¹	33,691	42,539	↑ 26.26%	19,024	24,744	↑ 30.07%	14,667	17,795	↑ 21.33%	
Sugar ¹	1,711	2,126	↑ 24.27%	1,134	1,461	↑ 28.82%	577	665	↑ 15.31%	
Anhydrous ethanol ²	632	730	↑ 15.58%	364	420	↑ 15.22%	268	311	↑ 16.07%	
Hydrous ethanol ²	1,351	1,662	↑ 23.00%	633	792	↑ 25.03%	718	870	↑ 21.21%	
Total ethanol ²	1,983	2,392	↑ 20.63%	998	1,212	↑ 21.45%	985	1,181	↑ 19.81%	
TRS ¹	5,124	6,221	↑ 21.39%	2,889	3,595	↑ 24.43%	2,235	2,625	↑ 17.46%	
TRS/ ton of sugarcane ³	152.10	146.23	↓ -3.86%	151.88	145.30	↓ -4.34%	152.39	147.54	↓ -3.18%	
Share %	sugar	35.04%	35.87%	↑	41.20%	42.66%	↑	27.08%	26.58%	↓
	ethanol	64.96%	64.13%	↓	58.80%	57.34%	↓	72.92%	73.42%	↑
Liters of ethanol/ ton of sugarcane	58.14	55.21	↓ -5.04%	52.45	48.97	↓ -6.63%	65.53	63.89	↓ -2.50%	
Kg of sugar/ ton of sugarcane	50.79	49.98	↓ -1.58%	59.63	59.06	↓ -0.96%	39.32	37.37	↓ -4.96%	

Source: UNICA. Note: ¹- thousand tons; ²- million liters; ³- kg of TRS/ ton of sugarcane. Total Recoverable Sugar (TRS) index was calculated excluding corn ethanol production (the data are those shown in Table 8).

Table 3. Bi-weekly sugarcane crushing, ACCUMULATED - results for the South-Central region

Bi-weekly period	SUGARCANE (tons)								
	São Paulo			South-Central region			Others states		
	2018/2019	2019/2020	Var. (%)	2018/2019	2019/2020	Var. (%)	2018/2019	2019/2020	Var. (%)
16/04	13,402,788	6,533,848	-51%	22,359,918	13,864,126	-38%	8,957,130	7,330,278	-18%
01/05	36,989,641	25,027,958	-32%	60,170,442	45,476,539	-24%	23,180,801	20,448,581	-12%
16/05	63,156,228	48,827,481	-23%	102,954,201	84,355,942	-18%	39,797,973	35,528,461	-11%
01/06	83,295,321	75,079,212	-10%	135,588,401	128,484,353	-5%	52,293,080	53,405,141	2%
16/06	109,475,311	99,729,744	-9%	178,111,024	170,876,025	-4%	68,635,713	71,146,281	4%
01/07	136,314,564	127,261,357	-7%	223,647,961	217,221,626	-3%	87,333,397	89,960,269	3%
16/07	162,753,548	150,344,147	-8%	268,861,504	258,071,923	-4%	106,107,956	107,727,776	2%
01/08	190,517,898	179,564,640	-6%	316,527,666	307,768,904	-3%	126,009,768	128,204,264	2%
16/08	209,542,030	204,308,960	-2%	350,218,389	350,307,995	0%	140,676,359	145,999,035	4%
01/09	235,213,295			393,741,844			158,528,549		
16/09	258,366,051			432,510,774			174,144,723		
01/10	274,053,864			460,342,883			186,289,019		
16/10	288,496,504			485,970,620			197,474,116		
01/11	301,999,960			510,949,718			208,949,758		
16/11	314,590,211			532,411,847			217,821,636		
01/12	322,396,771			547,052,694			224,655,923		
16/12	328,578,949			559,966,043			231,387,094		
01/01	329,251,940			562,512,021			233,260,081		
16/01	329,346,290			563,068,246			233,721,956		
01/02	329,425,010			563,631,669			234,206,659		
16/02	329,489,739			563,911,578			234,421,839		
01/03	329,489,739			564,454,948			234,965,209		
16/03	330,007,282			566,046,418			236,039,136		
01/04	333,338,169			573,168,748			239,830,579		

Source: UNICA.

Table 4. Bi-weekly sugar production, ACCUMULATED - results for the South-Central region

Bi-weekly period	SUGAR (tons)								
	São Paulo			South-Central region			Others states		
	2018/2019	2019/2020	Var. (%)	2018/2019	2019/2020	Var. (%)	2018/2019	2019/2020	Var. (%)
16/04	476,363	188,707	-60%	712,543	339,642	-52%	236,180	150,935	-36%
01/05	1,587,271	893,745	-44%	2,250,044	1,379,757	-39%	662,773	486,012	-27%
16/05	2,935,815	2,035,238	-31%	4,156,997	2,980,456	-28%	1,221,182	945,218	-23%
01/06	3,923,225	3,345,568	-15%	5,503,123	4,846,194	-12%	1,579,898	1,500,626	-5%
16/06	5,344,751	4,622,961	-14%	7,488,581	6,712,020	-10%	2,143,830	2,089,059	-3%
01/07	6,922,754	6,168,303	-11%	9,775,691	8,918,606	-9%	2,852,937	2,750,303	-4%
16/07	8,575,229	7,469,160	-13%	12,171,256	10,856,201	-11%	3,596,027	3,387,041	-6%
01/08	10,366,731	9,193,772	-11%	14,793,246	13,331,211	-10%	4,426,515	4,137,439	-7%
16/08	11,501,081	10,655,052	-7%	16,504,265	15,457,454	-6%	5,003,184	4,802,402	-4%
01/09	13,145,623			18,887,108			5,741,485		
16/09	14,640,512			21,044,700			6,404,188		
01/10	15,487,288			22,334,076			6,846,788		
16/10	16,228,007			23,457,265			7,229,258		
01/11	16,860,528			24,416,874			7,556,346		
16/11	17,476,919			25,303,095			7,826,176		
01/12	17,820,436			25,835,926			8,015,490		
16/12	18,063,798			26,267,487			8,203,689		
01/01	18,085,067			26,340,984			8,255,917		
16/01	18,086,831			26,353,907			8,267,076		
01/02	18,087,252			26,359,265			8,272,013		
16/02	18,087,932			26,360,912			8,272,980		
01/03	18,087,932			26,362,141			8,274,209		
16/03	18,093,243			26,371,219			8,277,976		
01/04	18,172,064			26,510,052			8,337,988		

Source: UNICA.

Table 5. Bi-weekly ethanol production, ACCUMULATED - results for the South-Central region

Bi-weekly period	ETHANOL TOTAL (m ³)								
	São Paulo			South-Central region			Others states		
	2018/2019	2019/2020	Var. (%)	2018/2019	2019/2020	Var. (%)	2018/2019	2019/2020	Var. (%)
16/04	542,561	298,077	-45%	998,189	737,084	-26%	455,628	439,007	-4%
01/05	1,540,178	1,061,214	-31%	2,756,550	2,228,502	-19%	1,216,372	1,167,288	-4%
16/05	2,703,540	2,035,009	-25%	4,838,770	4,032,386	-17%	2,135,230	1,997,377	-6%
01/06	3,706,296	3,172,019	-14%	6,596,358	6,191,692	-6%	2,890,062	3,019,673	4%
16/06	4,913,509	4,257,384	-13%	8,754,024	8,309,950	-5%	3,840,515	4,052,566	6%
01/07	6,183,008	5,485,333	-11%	11,113,644	10,660,426	-4%	4,930,636	5,175,093	5%
16/07	7,450,465	6,547,516	-12%	13,519,105	12,828,358	-5%	6,068,640	6,280,842	3%
01/08	8,823,358	7,908,992	-10%	16,143,700	15,481,797	-4%	7,320,342	7,572,805	3%
16/08	9,821,100	9,120,709	-7%	18,126,934	17,874,252	-1%	8,305,834	8,753,543	5%
01/09	11,103,330			20,591,287			9,487,957		
16/09	12,296,715			22,856,313			10,559,598		
01/10	13,109,542			24,498,651			11,389,109		
16/10	13,840,747			25,976,922			12,136,175		
01/11	14,508,587			27,384,698			12,876,111		
16/11	15,060,358			28,476,281			13,415,923		
01/12	15,405,428			29,224,120			13,818,692		
16/12	15,712,957			29,927,100			14,214,143		
01/01	15,758,949			30,140,479			14,381,530		
16/01	15,763,090			30,212,538			14,449,448		
01/02	15,765,562			30,293,585			14,528,023		
16/02	15,771,771			30,354,897			14,583,126		
01/03	15,773,638			30,428,951			14,655,313		
16/03	15,797,097			30,570,844			14,773,747		
01/04	15,944,467			30,953,328			15,008,861		

Source: UNICA.

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

Bi-weekly period	ANHYDROUS ETHANOL (m³)								
	São Paulo			South-Central region			Others states		
	2018/2019	2019/2020	Var. (%)	2018/2019	2019/2020	Var. (%)	2018/2019	2019/2020	Var. (%)
16/04	76,638	40,634	-47%	136,867	74,239	-46%	60,229	33,605	-44%
01/05	327,288	229,490	-30%	582,645	393,623	-32%	255,357	164,133	-36%
16/05	706,385	582,440	-18%	1,240,490	954,867	-23%	534,105	372,427	-30%
01/06	1,055,816	1,016,699	-4%	1,787,578	1,680,103	-6%	731,762	663,404	-9%
16/06	1,469,978	1,446,496	-2%	2,488,157	2,418,241	-3%	1,018,179	971,745	-5%
01/07	1,947,458	1,918,114	-2%	3,287,365	3,233,200	-2%	1,339,907	1,315,086	-2%
16/07	2,397,750	2,327,195	-3%	4,078,100	3,957,485	-3%	1,680,350	1,630,290	-3%
01/08	2,898,334	2,813,625	-3%	4,942,355	4,794,322	-3%	2,044,021	1,980,697	-3%
16/08	3,262,606	3,233,339	-1%	5,574,326	5,524,752	-1%	2,311,720	2,291,413	-1%
01/09	3,720,362			6,350,680			2,630,318		
16/09	4,120,032			7,047,334			2,927,302		
01/10	4,412,606			7,541,571			3,128,965		
16/10	4,672,807			7,997,102			3,324,295		
01/11	4,898,263			8,404,160			3,505,897		
16/11	5,090,104			8,761,893			3,671,789		
01/12	5,190,985			8,982,710			3,791,725		
16/12	5,227,761			9,071,251			3,843,490		
01/01	5,239,808			9,112,474			3,872,666		
16/01	5,243,432			9,148,338			3,904,906		
01/02	5,245,659			9,187,966			3,942,307		
16/02	5,228,434			9,142,474			3,914,040		
01/03	5,198,563			9,107,206			3,908,643		
16/03	5,183,310			9,102,050			3,918,740		
01/04	5,201,595			9,141,368			3,939,773		

Source: UNICA.

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

Bi-weekly period	HYDROUS ETHANOL (m ³)								
	São Paulo			South-Central region			Others states		
	2018/2019	2019/2020	Var. (%)	2018/2019	2019/2020	Var. (%)	2018/2019	2019/2020	Var. (%)
16/04	465,923	257,443	-45%	861,322	662,845	-23%	395,399	405,402	3%
01/05	1,212,890	831,724	-31%	2,173,905	1,834,879	-16%	961,015	1,003,155	4%
16/05	1,997,155	1,452,569	-27%	3,598,280	3,077,519	-14%	1,601,125	1,624,950	1%
01/06	2,650,480	2,155,320	-19%	4,808,780	4,511,589	-6%	2,158,300	2,356,269	9%
16/06	3,443,531	2,810,888	-18%	6,265,867	5,891,709	-6%	2,822,336	3,080,821	9%
01/07	4,235,550	3,567,219	-16%	7,826,279	7,427,226	-5%	3,590,729	3,860,007	7%
16/07	5,052,715	4,220,321	-16%	9,441,005	8,870,873	-6%	4,388,290	4,650,552	6%
01/08	5,925,024	5,095,367	-14%	11,201,345	10,687,475	-5%	5,276,321	5,592,108	6%
16/08	6,558,494	5,887,370	-10%	12,552,608	12,349,500	-2%	5,994,114	6,462,130	8%
01/09	7,382,968			14,240,607			6,857,639		
16/09	8,176,683			15,808,979			7,632,296		
01/10	8,696,936			16,957,080			8,260,144		
16/10	9,167,940			17,979,820			8,811,880		
01/11	9,610,324			18,980,538			9,370,214		
16/11	9,970,254			19,714,388			9,744,134		
01/12	10,214,443			20,241,410			10,026,967		
16/12	10,485,196			20,855,849			10,370,653		
01/01	10,519,141			21,028,005			10,508,864		
16/01	10,519,658			21,064,200			10,544,542		
01/02	10,519,903			21,105,619			10,585,716		
16/02	10,543,337			21,212,423			10,669,086		
01/03	10,575,075			21,321,745			10,746,670		
16/03	10,613,787			21,468,794			10,855,007		
01/04	10,742,872			21,811,960			11,069,088		

Source: UNICA.

Table 8. Accumulated and bi-weekly corn ethanol production in 2019/2020 harvest season - results for the South-Central region

Bi-weekly period	BI-WEEKLY values			ACCUMULATED values		
	a. Anhydrous ethanol	b. Hydrous ethanol	Total a+b	a. Anhydrous ethanol	b. Hydrous ethanol	Total a+b
16/04	7,826	41,242	49,068	7,826	41,242	49,068
01/05	10,430	41,141	51,571	18,256	82,383	100,639
16/05	18,994	32,838	51,832	37,250	115,221	152,471
01/06	20,787	29,919	50,706	58,037	145,140	203,177
16/06	22,898	25,637	48,535	80,935	170,777	251,712
01/07	19,009	23,837	42,846	99,944	194,614	294,558
16/07	23,753	20,365	44,118	123,697	214,979	338,676
01/08	17,308	30,608	47,916	141,005	245,587	386,592
16/08	12,614	31,130	43,744	153,619	276,717	430,336
01/09						
16/09						
01/10						
16/10						
01/11						
16/11						
01/12						
16/12						
01/01						
16/01						
01/02						
16/02						
01/03						
16/03						
01/04						

Source: UNICA.

Table 9. Ethanol sales by mills in South-Central region, per ethanol type and destination (m³).

Product	Month	Total		External market		Domestic market	
		2018/2019	2019/2020	2018/2019	2019/2020	2018/2019	2019/2020
Total ethanol	Apr	2,042,426	2,506,523	47,758	54,865	1,994,668	2,451,658
	May	2,008,361	3,012,862	112,230	138,476	1,896,131	2,874,386
	Jun	2,647,446	2,695,025	104,213	185,054	2,543,233	2,509,971
	Jul	2,722,844	2,927,594	279,421	222,343	2,443,423	2,705,251
	Aug*	1,350,490	1,450,622	71,019	107,367	1,279,471	1,343,255
	Sep	2,758,241		179,321		2,578,920	
	Oct	2,898,920		154,116		2,744,804	
	Nov	2,629,452		104,245		2,525,207	
	Dec	2,585,135		108,199		2,476,936	
	Jan	2,705,536		90,434		2,615,102	
	Feb	2,465,240		85,424		2,379,816	
	Mar	2,637,741		154,769		2,482,972	
	Total		10,771,567	12,592,626	614,641	708,105	10,156,926
Anhydrous ethanol	Apr	681,762	665,424	35,779	50,542	645,983	614,882
	May	613,593	928,442	56,390	121,817	557,203	806,625
	Jun	903,496	815,297	66,560	118,728	836,936	696,569
	Jul	901,675	909,323	179,439	151,706	722,236	757,617
	Aug*	382,893	474,875	29,083	81,000	353,810	393,875
	Sep	753,336		90,022		663,314	
	Oct	811,846		95,410		716,436	
	Nov	753,192		62,746		690,446	
	Dec	750,945		57,086		693,859	
	Jan	827,689		42,976		784,713	
	Feb	718,554		61,360		657,194	
	Mar	944,708		130,968		813,740	
	Total		3,483,419	3,793,361	367,251	523,793	3,116,168
Hydrous ethanol	Apr	1,360,664	1,841,099	11,979	4,323	1,348,685	1,836,776
	May	1,394,768	2,084,420	55,840	16,659	1,338,928	2,067,761
	Jun	1,743,950	1,879,728	37,653	66,326	1,706,297	1,813,402
	Jul	1,821,169	2,018,271	99,982	70,637	1,721,187	1,947,634
	Aug*	967,597	975,747	41,936	26,367	925,661	949,380
	Sep	2,004,905		89,299		1,915,606	
	Oct	2,087,074		58,706		2,028,368	
	Nov	1,876,260		41,499		1,834,761	
	Dec	1,834,190		51,113		1,783,077	
	Jan	1,877,847		47,458		1,830,389	
	Feb	1,746,686		24,064		1,722,622	
	Mar	1,693,033		23,801		1,669,232	
	Total		7,288,148	8,799,265	247,390	184,312	7,040,758

Source: UNICA. Note: Aug*- 1st two-week period of August when regards to the 2019/2020 harvest season.

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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);*
- *Ethanol and sugar industry association of Rio de Janeiro (SISERJ).*

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

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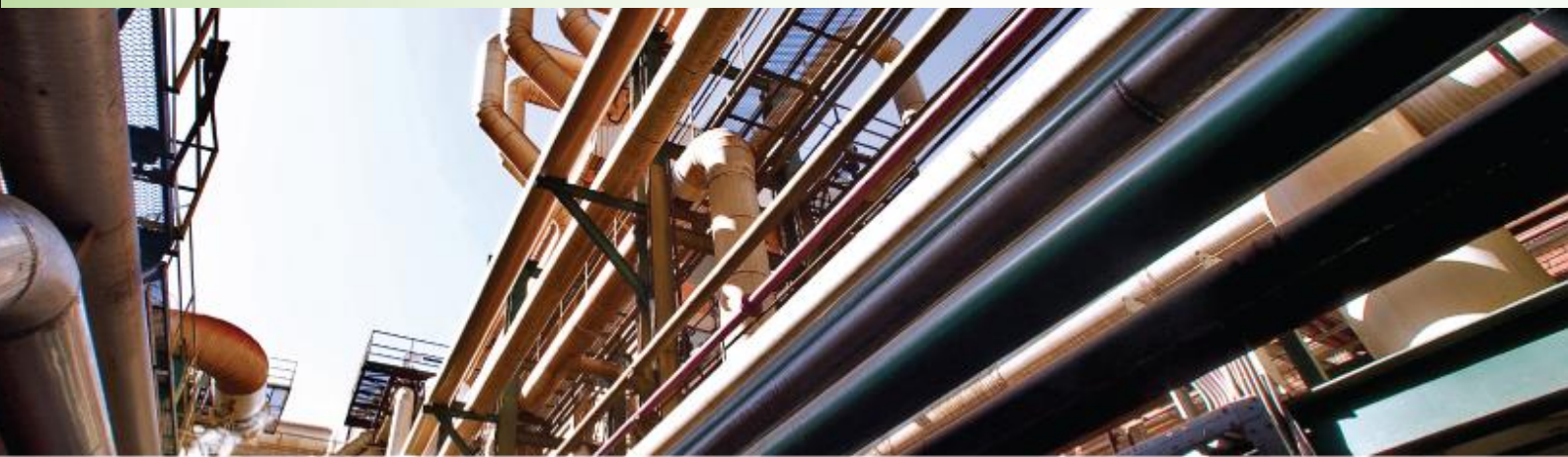
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BRAZILIAN SUGARCANE INDUSTRY ASSOCIATION

ETHANOL • SUGAR • ENERGY

BRAZIL



BIOENERGIA
ALCOPAR / SIALPAR / SIAPAR



CENTRO DE TECNOLOGIA CANAVIEIRA



BioSul
Associação dos Produtores de Bioenergia
de Mato Grosso do Sul



Associação das Indústrias Sucroenergéticas de Minas Gerais



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

SISERJ

Sindicato da Indústria Sucroenergética
do Estado do Rio de Janeiro

SIFAEG

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

SIFAÇUCAR

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

SUDES