

# Harvest update of South-Central region

## Bi-weekly bulletin

Position until 05/01/2019



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UNIÃO DA INDÚSTRIA DE CANA-DE-AÇÚCAR

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**Table 1.** 2019/2020 harvest season: accumulated production until May 1, 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 <sup>1</sup>	60,170	45,429	↓ -24.50%	36,990	24,973	↓ -32.49%	23,181	20,456	↓ -11.75%
Sugar <sup>1</sup>	2,250	1,375	↓ -38.90%	1,587	889	↓ -44.02%	663	486	↓ -26.65%
Anhydrous ethanol <sup>2</sup>	583	393	↓ -32.60%	327	230	↓ -29.72%	255	163	↓ -36.29%
Hydrous ethanol <sup>2</sup>	2,174	1,835	↓ -15.57%	1,213	832	↓ -31.44%	961	1,004	↑ 4.46%
Total ethanol <sup>2</sup>	2,757	2,228	↓ -19.17%	1,540	1,062	↓ -31.07%	1,216	1,167	↓ -4.10%
TRS <sup>1</sup>	6,924	5,038	↓ -27.24%	4,271	2,729	↓ -36.11%	2,653	2,310	↓ -12.95%
TRS/ ton of sugarcane <sup>3</sup>	115.08	110.90	↓ -3.63%	115.47	109.27	↓ -5.37%	114.45	112.90	↓ -1.36%
Share %	sugar	34.10%	↓	39.00%	34.18%	↓	26.22%	22.09%	↓
	ethanol	65.90%	↑	61.00%	65.82%	↑	73.78%	77.91%	↑
Liters of ethanol/ ton of sugarcane	44.83	46.86	↑ 4.52%	41.64	42.51	↑ 2.10%	49.93	52.17	↑ 4.48%
Kg of sugar/ ton of sugarcane	37.39	30.26	↓ -19.08%	42.91	35.58	↓ -17.08%	28.59	23.76	↓ -16.88%

**Table 2.** 2019/2020 harvest season: BI-WEEKLY values (2nd two-week period of April, 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 <sup>1</sup>	37,811	31,562	↓ -16.53%	23,587	18,439	↓ -21.83%	14,224	13,124	↓ -7.73%
Sugar <sup>1</sup>	1,538	1,035	↓ -32.68%	1,111	700	↓ -37.00%	427	335	↓ -21.42%
Anhydrous ethanol <sup>2</sup>	446	318	↓ -28.56%	251	189	↓ -24.44%	195	129	↓ -33.85%
Hydrous ethanol <sup>2</sup>	1,313	1,172	↓ -10.69%	747	574	↓ -23.18%	566	598	↑ 5.81%
Total ethanol <sup>2</sup>	1,758	1,491	↓ -15.22%	998	763	↓ -23.50%	761	728	↓ -4.36%
TRS <sup>1</sup>	4,539	3,523	↓ -22.38%	2,856	2,028	↓ -29.02%	1,683	1,496	↓ -11.12%
TRS/ ton of sugarcane <sup>3</sup>	120.05	111.63	↓ -7.02%	121.10	109.96	↓ -9.20%	118.31	113.97	↓ -3.67%
Share %	sugar	35.55%	↓	40.82%	36.23%	↓	26.61%	23.52%	↓
	ethanol	64.45%	↑	59.18%	63.77%	↑	73.39%	76.48%	↑
Liters of ethanol/ ton of sugarcane	45.66	45.64	↓ -0.04%	42.30	41.39	↓ -2.14%	51.23	51.60	↑ 0.73%
Kg of sugar/ ton of sugarcane	40.66	32.79	↓ -19.35%	47.10	37.96	↓ -19.41%	29.99	25.54	↓ -14.83%

Source: UNICA. Note: <sup>1</sup>- thousand tons; <sup>2</sup>- million liters; <sup>3</sup>- 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	13,866,623	-38%	8,957,130	7,332,775	-18%
01/05	36,989,641	24,972,571	-32%	60,170,442	45,428,873	-24%	23,180,801	20,456,302	-12%
16/05	63,156,228			102,954,201			39,797,973		
01/06	83,295,321			135,588,401			52,293,080		
16/06	109,475,311			178,111,024			68,635,713		
01/07	136,314,564			223,647,961			87,333,397		
16/07	162,753,548			268,861,504			106,107,956		
01/08	190,517,898			316,527,666			126,009,768		
16/08	209,542,030			350,218,389			140,676,359		
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	333,294,057			573,124,636			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	888,578	-44%	2,250,044	1,374,722	-39%	662,773	486,144	-27%
16/05	2,935,815			4,156,997			1,221,182		
01/06	3,923,225			5,503,123			1,579,898		
16/06	5,344,751			7,488,581			2,143,830		
01/07	6,922,754			9,775,691			2,852,937		
16/07	8,575,229			12,171,256			3,596,027		
01/08	10,366,731			14,793,246			4,426,515		
16/08	11,501,081			16,504,265			5,003,184		
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 <sup>3</sup> )								
	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	298,437	-45%	998,189	737,444	-26%	455,628	439,007	-4%
01/05	1,540,178	1,061,611	-31%	2,756,550	2,228,157	-19%	1,216,372	1,166,546	-4%
16/05	2,703,540			4,838,770			2,135,230		
01/06	3,706,296			6,596,358			2,890,062		
16/06	4,913,509			8,754,024			3,840,515		
01/07	6,183,008			11,113,644			4,930,636		
16/07	7,450,465			13,519,105			6,068,640		
01/08	8,823,358			16,143,700			7,320,342		
16/08	9,821,100			18,126,934			8,305,834		
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	230,016	-30%	582,645	392,698	-33%	255,357	162,682	-36%
16/05	706,385			1,240,490			534,105		
01/06	1,055,816			1,787,578			731,762		
16/06	1,469,978			2,488,157			1,018,179		
01/07	1,947,458			3,287,365			1,339,907		
16/07	2,397,750			4,078,100			1,680,350		
01/08	2,898,334			4,942,355			2,044,021		
16/08	3,262,606			5,574,326			2,311,720		
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 <sup>3</sup> )								
	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	257,803	-45%	861,322	663,205	-23%	395,399	405,402	3%
01/05	1,212,890	831,595	-31%	2,173,905	1,835,459	-16%	961,015	1,003,864	4%
16/05	1,997,155			3,598,280			1,601,125		
01/06	2,650,480			4,808,780			2,158,300		
16/06	3,443,531			6,265,867			2,822,336		
01/07	4,235,550			7,826,279			3,590,729		
16/07	5,052,715			9,441,005			4,388,290		
01/08	5,925,024			11,201,345			5,276,321		
16/08	6,558,494			12,552,608			5,994,114		
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	9,404	40,903	50,307	17,230	82,145	99,375
16/05						
01/06						
16/06						
01/07						
16/07						
01/08						
16/08						
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 (m<sup>3</sup>).

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	2,504,347	47,758	54,865	1,994,668	2,449,482
	May	2,008,361		112,230		1,896,131	
	Jun	2,647,446		104,213		2,543,233	
	Jul	2,722,844		279,421		2,443,423	
	Aug	2,962,428		215,323		2,747,105	
	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	
	<b>Total</b>		<b>2,042,426</b>	<b>2,504,347</b>	<b>47,758</b>	<b>54,865</b>	<b>1,994,668</b>
Anhydrous ethanol	Apr	681,762	666,617	35,779	50,542	645,983	616,075
	May	613,593		56,390		557,203	
	Jun	903,496		66,560		836,936	
	Jul	901,675		179,439		722,236	
	Aug	906,426		143,055		763,371	
	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	
	<b>Total</b>		<b>681,762</b>	<b>666,617</b>	<b>35,779</b>	<b>50,542</b>	<b>645,983</b>
Hydrous ethanol	Apr	1,360,664	1,837,730	11,979	4,323	1,348,685	1,833,407
	May	1,394,768		55,840		1,338,928	
	Jun	1,743,950		37,653		1,706,297	
	Jul	1,821,169		99,982		1,721,187	
	Aug	2,056,002		72,268		1,983,734	
	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	
	<b>Total</b>		<b>1,360,664</b>	<b>1,837,730</b>	<b>11,979</b>	<b>4,323</b>	<b>1,348,685</b>

Source: UNICA.

*Staff:*

**Antônio de Pádua Rodrigues**  
Technical Director

**Luciano Rodrigues**  
Manager, Department of Economics

**Cleber dos Santos Valin**  
Planning Assistant

**José Guilherme de Oliveira Belon**  
Economic Analyst

**Mariana Regina Zechin De Lucca**  
Economic Specialist

**Valdemir Nunes Machado**  
Systems Analyst

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- *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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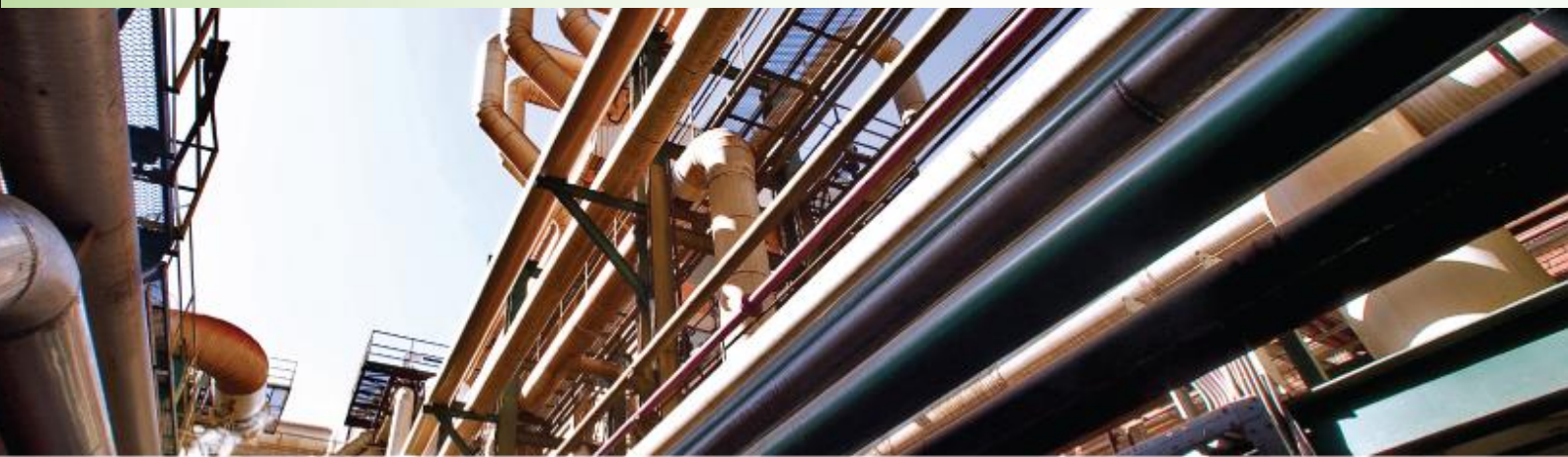
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