



Grain Crushings and Co-Products Production

ISSN: 2377-3855

Released December 2, 2019, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Highlights

September 2019 contained 30 days.

October 2019 contained 31 days.

Total corn consumed for alcohol and other uses was 486 million bushels in October 2019. Total corn consumption was up 7 percent from September 2019 but down 5 percent from October 2018. October 2019 usage included 91.9 percent for alcohol and 8.1 percent for other purposes. Corn consumed for beverage alcohol totaled 3.20 million bushels, down 3 percent from September 2019 and down 3 percent from October 2018. Corn for fuel alcohol, at 437 million bushels, was up 8 percent from September 2019 but down 5 percent from October 2018. Corn consumed in October 2019 for dry milling fuel production and wet milling fuel production was 90.3 percent and 9.7 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.86 million tons during October 2019, up 4 percent from September 2019 but down 6 percent from October 2018. Distillers wet grains (DWG) 65 percent or more moisture was 1.30 million tons in October 2019, up 7 percent from September 2019 but down 4 percent from October 2018.

Wet mill corn gluten feed production was 293,890 tons during October 2019, up 1 percent from September 2019 and up 4 percent from October 2018. Wet corn gluten feed 40 to 60 percent moisture was 233,348 tons in October 2019, up 12 percent from September 2019 but down 5 percent from October 2018.

Dry and Wet Mill, Corn Consumed – United States: October 2019 with Comparisons

Purpose	October 2018	September 2019	October 2019
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,291	3,300	3,195
Fuel alcohol	461,883	405,685	436,780
Dry mill	418,645	365,513	394,330
Wet mill	43,238	40,172	42,450
Industrial alcohol	6,754	5,327	6,324
Consumed for other purposes			
Total wet mill products other than fuel	40,869	39,683	39,577

Dry Mill, Sorghum Consumed – United States: October 2019 with Comparisons

Purpose	October 2018	September 2019	October 2019
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	4,588	5,127	3,808

Dry and Wet Mill, Co-products and Products Produced – United States: October 2019 with Comparisons

Co-products and products	October 2018	September 2019	October 2019
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	124,404	102,911	93,715
Corn oil (Corn Distillers Oil - CDO)	158,712	142,861	149,469
Distillers dried grains (DDG)	378,003	286,849	346,262
Distillers dried grains with solubles (DDGS)	1,979,896	1,788,730	1,861,708
Distillers wet grains (DWG) 65% or more moisture	1,347,600	1,217,873	1,297,610
Modified distillers wet grains (DWG) 40% to 64% moisture	456,672	398,844	435,309
Wet mill			
Corn germ meal	61,021	64,059	51,988
Corn gluten feed	282,713	289,797	293,890
Corn gluten meal	90,899	86,423	87,589
Wet corn gluten feed 40% to 60% moisture	245,681	208,645	233,348
Dry and wet mill			
Carbon dioxide captured	252,895	253,981	256,453

Statistical Methodology

Survey Procedures: *Grain Crushings and Co-Products Production* is part of the Current Agricultural Industrial Reports (CAIR) program. CAIR reports are administered under NASS's Census of Agriculture program. Response to CAIR surveys are required by law (Title 7, U.S. Code). Data are collected from all known mills that produce ethanol.

The census universe was determined during operation profile interviews which were completed for each potential facility to identify the presence of ethanol production in 2014. During the operation profile, facilities that met the survey criteria were asked for the nameplate production capacity. The operation profile also documented the manner in which the firm will report. A firm headquarters can report for all milling locations or each location can report separately.

In the Dry Mill Producers and Wet Mill Producers survey questionnaires, mills are asked for previous calendar month data on feedstocks consumed, products and co-products produced. Mills are mailed questionnaires with the options of completing the survey by mail or by Electronic Data Reporting (EDR). For surveys not received in a reasonable amount of time, telephone follow-up is conducted.

Estimating Procedures: Imputation is done for operations with non-response by using historical data and current data relationships. Data for reporting firms are added to estimates for non-reporting firms to obtain National totals.

Revision Policy: Data are revised the following month based on late reports or corrected data. Final figures are published in the annual summary of the following year.

Reliability: Approximately 130 reports are received each month which represent about 90 percent of total capacity. Monthly data can vary due to different firms reporting month to month. Survey data are also subject to non-sampling errors such as omissions and mistakes in reporting and in processing the data. While these errors cannot be measured directly, they are minimized by carefully reviewing all reported data for consistency and reasonableness.

Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov.

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- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@usda.gov.

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