



Grain Crushings and Co-Products Production

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Highlights

July 2019 contained 31 days.

August 2019 contained 31 days.

Total corn consumed for alcohol and other uses was 508 million bushels in August 2019. Total corn consumption was up slightly from July 2019 but down 6 percent from August 2018. August 2019 usage included 91.4 percent for alcohol and 8.6 percent for other purposes. Corn consumed for beverage alcohol totaled 3.34 million bushels, down 35 percent from July 2019 and down 6 percent from August 2018. Corn for fuel alcohol, at 455 million bushels, was up 1 percent from July 2019 but down 6 percent from August 2018. Corn consumed in August 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 2.01 million tons during August 2019, up 1 percent from July 2019 but down 8 percent from August 2018. Distillers wet grains (DWG) 65 percent or more moisture was 1.28 million tons in August 2019, up 7 percent from July 2019 but down 2 percent from August 2018.

Wet mill corn gluten feed production was 306,375 tons during August 2019, up 2 percent from July 2019 but down 6 percent from August 2018. Wet corn gluten feed 40 to 60 percent moisture was 261,243 tons in August 2019, up 4 percent from July 2019 and up 2 percent from August 2018.

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

Purpose	August 2018	July 2019	August 2019
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,559	5,111	3,341
Fuel alcohol	483,374	450,782	454,633
Dry mill	441,043	407,328	410,749
Wet mill	42,331	43,454	43,884
Industrial alcohol	7,167	7,458	5,929
Consumed for other purposes			
Total wet mill products other than fuel	44,916	44,229	43,906

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

Purpose	August 2018	July 2019	August 2019
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	3,455	5,438	6,115

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

Co-products and products	August 2018	July 2019	August 2019
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	134,308	108,366	95,690
Corn oil (Corn Distillers Oil - CDO)	166,106	165,477	163,646
Distillers dried grains (DDG)	394,908	379,689	336,043
Distillers dried grains with solubles (DDGS)	2,185,674	1,985,820	2,014,491
Distillers wet grains (DWG) 65% or more moisture	1,313,014	1,197,747	1,282,770
Modified distillers wet grains (DWG) 40% to 64% moisture	402,346	378,821	409,285
Wet mill			
Corn germ meal	55,012	67,083	58,475
Corn gluten feed	325,547	300,572	306,375
Corn gluten meal	91,947	93,494	90,513
Wet corn gluten feed 40% to 60% moisture	256,268	252,084	261,243
Dry and wet mill			
Carbon dioxide captured	282,872	254,014	266,355

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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