



Grain Crushings and Co-Products Production

ISSN: 2377-3855

Released October 1, 2018, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Highlights

July 2018 contained 31 days.

August 2018 contained 31 days.

Total corn consumed for alcohol and other uses was 535 million bushels in August 2018. Total corn consumption was down slightly from July 2018 but up slightly from August 2017. August 2018 usage included 91.6 percent for alcohol and 8.4 percent for other purposes. Corn consumed for beverage alcohol totaled 3.56 million bushels, up 8 percent from July 2018 and up slightly from August 2017. Corn for fuel alcohol, at 479 million bushels, was down slightly from July 2018 and down slightly from August 2017. Corn consumed in August 2018 for dry milling fuel production and wet milling fuel production was 91.2 percent and 8.8 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 2.16 million tons during August 2018, up 2 percent from July 2018 and up 5 percent from August 2017. Distillers wet grains (DWG) 65 percent or more moisture was 1.31 million tons in August 2018, down 1 percent from July 2018 and down 3 percent from August 2017.

Wet mill corn gluten feed production was 325,547 tons during August 2018, up 1 percent from July 2018 but down 6 percent from August 2017. Wet corn gluten feed 40 to 60 percent moisture was 256,268 tons in August 2018, down 3 percent from July 2018 and down 18 percent from August 2017.

Dry and Wet Mill, Corn Consumed – United States: August 2018 with Comparisons

Purpose	August 2017	July 2018	August 2018
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,550	3,293	3,559
Fuel alcohol	480,154	481,320	479,427
Dry mill	431,445	438,081	437,096
Wet mill	48,709	43,239	42,331
Industrial alcohol	5,894	6,000	7,167
Consumed for other purposes			
Total wet mill products other than fuel	44,642	45,253	44,916

Dry Mill, Sorghum Consumed – United States: August 2018 with Comparisons

Purpose	August 2017	July 2018	August 2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	3,733	3,496	3,455

Dry and Wet Mill, Co-products and Products Produced – United States: August 2018 with Comparisons

Co-products and products	August 2017	July 2018	August 2018
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	133,909	127,335	134,308
Corn oil (Corn Distillers Oil - CDO)	160,316	166,181	164,342
Distillers dried grains (DDG)	472,705	390,080	394,908
Distillers dried grains with solubles (DDGS)	2,062,285	2,109,109	2,161,507
Distillers wet grains (DWG) 65% or more moisture	1,354,542	1,330,483	1,313,014
Modified distillers wet grains (DWG) 40% to 64% moisture	431,072	420,940	401,358
Wet mill			
Corn germ meal	90,005	60,800	55,012
Corn gluten feed	345,196	321,447	325,547
Corn gluten meal	92,823	93,113	91,947
Wet corn gluten feed 40% to 60% moisture	313,340	263,139	256,268
Dry and wet mill			
Carbon dioxide captured	227,696	260,461	282,872

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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