



Grain Crushings and Co-Products Production

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Highlights

October 2020 contained 31 days.

November 2020 contained 30 days.

Total corn consumed for alcohol and other uses was 481 million bushels in November 2020. Total corn consumption was down less than 1 percent from October 2020 and down 5 percent from November 2019. November 2020 usage included 91.9 percent for alcohol and 8.1 percent for other purposes. Corn consumed for beverage alcohol totaled 3.95 million bushels, up 20 percent from October 2020 and up 16 percent from November 2019. Corn for fuel alcohol, at 432 million bushels, was down 1 percent from October 2020 and down 5 percent from November 2019. Corn consumed in November 2020 for dry milling fuel production and wet milling fuel production was 90.1 percent and 9.9 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.79 million tons during November 2020, down 2 percent from October 2020 and down 5 percent from November 2019. Distillers wet grains (DWG) 65 percent or more moisture was 1.08 million tons in November 2020, up 7 percent from October 2020 but down 20 percent from November 2019.

Wet mill corn gluten feed production was 295,358 tons during November 2020, up 1 percent from October 2020 and up 9 percent from November 2019. Wet corn gluten feed 40 to 60 percent moisture was 230,611 tons in November 2020, down 6 percent from October 2020 and down 12 percent from November 2019.

Dry and Wet Mill, Corn Consumed – United States: November 2020 with Comparisons

Purpose	November 2019	October 2020	November 2020
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,406	3,301	3,952
Fuel alcohol	456,660	434,167	431,661
Dry mill	413,477	389,346	389,016
Wet mill	43,183	44,821	42,645
Industrial alcohol	6,198	7,053	5,911
Consumed for other purposes			
Total wet mill products other than fuel	40,433	38,286	39,121

Dry Mill, Sorghum Consumed – United States: November 2020 with Comparisons

Purpose	November 2019	October 2020	November 2020
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	4,044	(D)	(D)

(D) Withheld to avoid disclosing data for individual operations.

Dry and Wet Mill, Co-products and Products Produced – United States: November 2020 with Comparisons

Co-products and products	November 2019	October 2020	November 2020
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	99,399	87,708	73,803
Corn oil (Corn Distillers Oil - CDO)	159,852	161,205	165,852
Distillers dried grains (DDG)	316,390	377,960	372,899
Distillers dried grains with solubles (DDGS)	1,880,488	1,823,621	1,794,035
Distillers wet grains (DWG) 65% or more moisture	1,348,281	1,008,841	1,077,107
Modified distillers wet grains (DWG) 40% to 64% moisture	458,120	409,030	421,779
Wet mill			
Corn germ meal	63,073	43,242	53,825
Corn gluten feed	272,089	293,793	295,358
Corn gluten meal	90,102	108,844	108,624
Wet corn gluten feed 40% to 60% moisture	262,089	244,618	230,611
Dry and wet mill			
Carbon dioxide captured	222,636	197,743	185,219

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@usda.gov

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- Cornell’s Mann Library has launched a new website housing NASS’s and other agencies 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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