



Grain Crushings and Co-Products Production

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Highlights

October 2024 contained 31 days.

November 2024 contained 30 days.

Total corn consumed for alcohol and other uses was 514 million bushels in November 2024. Total corn consumption was down less than 1 percent from October 2024 but up 1 percent from November 2023. November 2024 usage included 92.6 percent for alcohol and 7.4 percent for other purposes. Corn consumed for beverage alcohol totaled 3.88 million bushels, up 11 percent from October 2024 but down 28 percent from November 2023. Corn for fuel alcohol, at 465 million bushels, was down less than 1 percent from October 2024 but up 2 percent from November 2023. Corn consumed in November 2024 for dry milling fuel production and wet milling fuel production was 91.6 percent and 8.4 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.84 million tons during November 2024, down 2 percent from October 2024 but up 2 percent from November 2023. Distillers wet grains (DWG) 65 percent or more moisture was 1.25 million tons in November 2024, down 5 percent from October 2024 and down 8 percent from November 2023.

Wet mill corn gluten feed production was 258,388 tons during November 2024, up 3 percent from October 2024 and up 7 percent from November 2023. Wet corn gluten feed 40 to 60 percent moisture was 219,853 tons in November 2024, up 7 percent from October 2024 and up 9 percent from November 2023.

Dry and Wet Mill, Corn Consumed – United States: November 2024 with Comparisons

Purpose	November 2023 (1,000 bushels)	October 2024 (1,000 bushels)	November 2024 (1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	5,351	3,494	3,876
Fuel alcohol	457,162	466,663	464,938
Dry mill	421,379	431,589	425,828
Wet mill	35,783	35,074	39,110
Industrial alcohol	6,116	6,765	6,776
Consumed for other purposes			
Total wet mill products other than fuel	38,331	39,291	38,243

Dry and Wet Mill, Co-products and Products Produced – United States: November 2024 with Comparisons

Co-products and products	November 2023 (tons)	October 2024 (tons)	November 2024 (tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	122,984	112,013	116,335
Corn oil (Corn Distillers Oil - CDO)	188,008	198,165	201,882
Distillers dried grains (DDG)	399,555	390,721	381,785
Distillers dried grains with solubles (DDGS)	1,796,675	1,869,619	1,836,244
Distillers wet grains (DWG) 65% or more moisture	1,367,046	1,312,975	1,251,252
Modified distillers wet grains (DWG) 40% to 64% moisture	453,944	429,103	432,980
Wet mill			
Corn germ meal	61,690	65,840	58,717
Corn gluten feed	242,462	251,577	258,388
Corn gluten meal	110,684	104,520	81,263
Wet corn gluten feed 40% to 60% moisture	202,534	205,988	219,853
Dry and wet mill			
Carbon dioxide captured	198,060	263,744	219,971

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 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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