



Grain Crushings and Co-Products Production

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Highlights

July 2024 contained 31 days.

August 2024 contained 31 days.

Total corn consumed for alcohol and other uses was 525 million bushels in August 2024. Total corn consumption was down 2 percent from July 2024 but up 7 percent from August 2023. August 2024 usage included 91.9 percent for alcohol and 8.1 percent for other purposes. Corn consumed for beverage alcohol totaled 3.91 million bushels, down 16 percent from July 2024 and down 21 percent from August 2023. Corn for fuel alcohol, at 473 million bushels, was down 2 percent from July 2024 but up 7 percent from August 2023. Corn consumed in August 2024 for dry milling fuel production and wet milling fuel production was 91.8 percent and 8.2 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 2.00 million tons during August 2024, down slightly from July 2024 but up 10 percent from August 2023. Distillers wet grains (DWG) 65 percent or more moisture was 1.23 million tons in August 2024, up less than 1 percent from July 2024 but down 6 percent from August 2023.

Wet mill corn gluten feed production was 291,428 tons during August 2024, down 1 percent from July 2024 but up 13 percent from August 2023. Wet corn gluten feed 40 to 60 percent moisture was 191,305 tons in August 2024, down 9 percent from July 2024 and down 8 percent from August 2023.

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

Purpose	August 2023 (1,000 bushels)	July 2024 (1,000 bushels)	August 2024 (1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	4,956	4,636	3,913
Fuel alcohol	441,696	483,870	472,697
Dry mill	405,910	446,788	434,027
Wet mill	35,786	37,082	38,670
Industrial alcohol	4,828	6,426	6,347
Consumed for other purposes			
Total wet mill products other than fuel	37,527	42,897	42,346

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

Co-products and products	August 2023 (tons)	July 2024 (tons)	August 2024 (tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	118,801	90,835	97,561
Corn oil (Corn Distillers Oil - CDO)	183,162	204,818	196,556
Distillers dried grains (DDG)	400,511	392,863	390,794
Distillers dried grains with solubles (DDGS)	1,808,403	1,999,536	1,997,750
Distillers wet grains (DWG) 65% or more moisture	1,298,780	1,222,543	1,227,027
Modified distillers wet grains (DWG) 40% to 64% moisture	396,043	396,354	377,207
Wet mill			
Corn germ meal	50,251	64,601	61,668
Corn gluten feed	257,948	293,887	291,428
Corn gluten meal	127,748	118,626	116,255
Wet corn gluten feed 40% to 60% moisture	207,397	210,013	191,305
Dry and wet mill			
Carbon dioxide captured	233,525	234,156	271,130

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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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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