



Grain Crushings and Co-Products Production

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Highlights

May 2024 contained 31 days.

June 2024 contained 30 days.

Total corn consumed for alcohol and other uses was 495 million bushels in June 2024. Total corn consumption was down 3 percent from May 2024 but up less than 1 percent from June 2023. June 2024 usage included 91.6 percent for alcohol and 8.4 percent for other purposes. Corn consumed for beverage alcohol totaled 4.03 million bushels, up 8 percent from May 2024 but down 25 percent from June 2023. Corn for fuel alcohol, at 442 million bushels, was down 3 percent from May 2024 but up slightly from June 2023. Corn consumed in June 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 1.79 million tons during June 2024, down 10 percent from May 2024 but up less than 1 percent from June 2023. Distillers wet grains (DWG) 65 percent or more moisture was 1.12 million tons in June 2024, down 8 percent from May 2024 and down 14 percent from June 2023.

Wet mill corn gluten feed production was 272,101 tons during June 2024, up 1 percent from May 2024 and up 1 percent from June 2023. Wet corn gluten feed 40 to 60 percent moisture was 197,847 tons in June 2024, down 5 percent from May 2024 but up 10 percent from June 2023.

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

Purpose	June 2023	May 2024	June 2024
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	5,406	3,747	4,032
Fuel alcohol	442,072	455,399	442,346
Dry mill	408,283	420,103	406,070
Wet mill	33,789	35,296	36,276
Industrial alcohol	6,263	6,709	6,862
Consumed for other purposes			
Total wet mill products other than fuel	39,391	43,825	41,480

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

Co-products and products	June 2023	May 2024	June 2024
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	117,041	95,712	106,473
Corn oil (Corn Distillers Oil - CDO)	184,370	192,240	186,820
Distillers dried grains (DDG)	390,664	379,570	353,837
Distillers dried grains with solubles (DDGS)	1,787,735	2,002,984	1,793,655
Distillers wet grains (DWG) 65% or more moisture	1,302,283	1,213,142	1,115,747
Modified distillers wet grains (DWG) 40% to 64% moisture	414,953	419,450	379,426
Wet mill			
Corn germ meal	45,709	57,308	60,015
Corn gluten feed	270,060	270,292	272,101
Corn gluten meal	110,430	119,711	113,544
Wet corn gluten feed 40% to 60% moisture	179,905	209,016	197,847
Dry and wet mill			
Carbon dioxide captured	225,597	233,102	218,488

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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