Grain Crushings and Co-Products Production

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Highlights

June 2024 contained 30 days.
July 2024 contained 31 days.

Total corn consumed for alcohol and other uses was 527 million bushels in July 2024. Total corn consumption was up 6 percent from June 2024 and up 4 percent from July 2023. July 2024 usage included 91.9 percent for alcohol and 8.1 percent for other purposes. Corn consumed for beverage alcohol totaled 4.64 million bushels, up 15 percent from June 2024 but down 5 percent from July 2023. Corn for fuel alcohol, at 474 million bushels, was up 6 percent from June 2024 and up 4 percent from July 2023. Corn consumed in July 2024 for dry milling fuel production and wet milling fuel production was 92.2 percent and 7.8 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 2.00 million tons during July 2024, up 11 percent from June 2024 and up 12 percent from July 2023. Distillers wet grains (DWG) 65 percent or more moisture was 1.22 million tons in July 2024, up 9 percent from June 2024 but down 7 percent from July 2023.

Wet mill corn gluten feed production was 293,887 tons during July 2024, up 8 percent from June 2024 and up 6 percent from July 2023. Wet corn gluten feed 40 to 60 percent moisture was 210,013 tons in July 2024, up 6 percent from June 2024 but down 6 percent from July 2023.

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

Purpose	July 2023	June 2024	July 2024
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	4,877	4,032	4,636
Fuel alcohol	455,241	446,136	473,504
Dry mill	418,367	409,860	436,422
Wet mill	36,874	36,276	37,082
Industrial alcohol	4,753	6,862	6,426
Consumed for other purposes			
Total wet mill products other than fuel	40,202	41,480	42,897

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

Co-products and products	July 2023	June 2024	July 2024
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	110,547	106,473	90,835
Corn oil (Corn Distillers Oil - CDO)	187,808	186,820	204,818
Distillers dried grains (DDG)	410,231	353,837	392,863
Distillers dried grains with solubles (DDGS)	1,784,282	1,801,769	1,999,536
Distillers wet grains (DWG) 65% or more moisture	1,310,740	1,115,747	1,220,585
Modified distillers wet grains (DWG) 40% to 64% moisture	430,169	379,426	396,354
Wet mill			
Corn germ meal	48,269	60,015	64,601
Corn gluten feed	277,997	272,101	293,887
Corn gluten meal	119,450	113,544	118,626
Wet corn gluten feed 40% to 60% moisture	224,484	197,847	210,013
Dry and wet mill			
Carbon dioxide captured	207,926	218,488	234,156

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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