



Grain Crushings and Co-Products Production

ISSN: 2377-3855

Released July 1, 2024, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Highlights

April 2024 contained 30 days.

May 2024 contained 31 days.

Total corn consumed for alcohol and other uses was 508 million bushels in May 2024. Total corn consumption was up 8 percent from April 2024 and up 3 percent from May 2023. May 2024 usage included 91.4 percent for alcohol and 8.6 percent for other purposes. Corn consumed for beverage alcohol totaled 3.75 million bushels, down 10 percent from April 2024 and down 27 percent from May 2023. Corn for fuel alcohol, at 454 million bushels, was up 7 percent from April 2024 and up 3 percent from May 2023. Corn consumed in May 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 May 2024, up 14 percent from April 2024 and up 18 percent from May 2023. Distillers wet grains (DWG) 65 percent or more moisture was 1.21 million tons in May 2024, down 3 percent from April 2024 and down 8 percent from May 2023.

Wet mill corn gluten feed production was 270,292 tons during May 2024, up 14 percent from April 2024 and up 2 percent from May 2023. Wet corn gluten feed 40 to 60 percent moisture was 209,016 tons in May 2024, up 5 percent from April 2024 and up 8 percent from May 2023.

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

Purpose	May 2023 (1,000 bushels)	April 2024 (1,000 bushels)	May 2024 (1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	5,149	4,157	3,747
Fuel alcohol	439,011	422,567	453,680
Dry mill	406,454	389,817	418,384
Wet mill	32,557	32,750	35,296
Industrial alcohol	7,520	6,145	6,709
Consumed for other purposes			
Total wet mill products other than fuel	41,550	38,812	43,825

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

Co-products and products	May 2023 (tons)	April 2024 (tons)	May 2024 (tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	101,166	88,403	95,712
Corn oil (Corn Distillers Oil - CDO)	184,993	178,529	192,240
Distillers dried grains (DDG)	415,669	376,770	379,570
Distillers dried grains with solubles (DDGS)	1,702,061	1,756,396	2,002,984
Distillers wet grains (DWG) 65% or more moisture	1,316,103	1,248,017	1,213,142
Modified distillers wet grains (DWG) 40% to 64% moisture	455,581	447,377	419,450
Wet mill			
Corn germ meal	50,169	48,562	57,308
Corn gluten feed	264,606	238,119	270,292
Corn gluten meal	114,453	109,375	119,711
Wet corn gluten feed 40% to 60% moisture	193,092	199,182	209,016
Dry and wet mill			
Carbon dioxide captured	218,999	203,164	233,102

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

Nick Streff, Acting Chief, Crops Branch	(202) 720-2127
Chris Hawthorn, Head, Field Crops Section	(202) 720-2127
Irwin Anolik – Crop Progress and Condition, Flaxseed, Mustardseed	(202) 720-7621
Joshua Bates – Hemp, Oats, Soybeans.....	(202) 690-3234
Natasha Bruton – Barley, Cotton System Consumption and Stocks, Grain Crushings	(202) 690-1042
David Colwell – Fats and Oils, Flour Milling Products	(202) 720-8800
Michelle Harder – Hay, Peanuts.....	(202) 690-8533
James Johanson – Rye, Wheat.....	(202) 720-8068
Greg Lemmons – Corn, Proso Millet, Rice.....	(202) 720-9526
Becky Sommer – Cotton, Cotton Ginnings, Sorghum.....	(202) 720-5944
Travis Thorson – Canola, Rapeseed, Safflower, Sunflower	(202) 720-7369

Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: www.nass.usda.gov.
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- 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.

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the basis of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

If you wish to file a Civil Rights program complaint of discrimination, complete the [USDA Program Discrimination Complaint Form](#) (PDF), found online at www.ascr.usda.gov/filing-program-discrimination-complaint-usda-customer, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.