



Grain Crushings and Co-Products Production

ISSN: 2377-3855

Released June 1, 2018, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Highlights

March 2018 contained 31 days.

April 2018 contained 30 days.

Total corn consumed for alcohol and other uses was 498 million bushels in April 2018. Total corn consumption was down 5 percent from March 2018 but up 2 percent from April 2017. April 2018 usage included 91.2 percent for alcohol and 8.8 percent for other purposes. Corn consumed for beverage alcohol totaled 3.10 million bushels, up 14 percent from March 2018 and up 4 percent from April 2017. Corn for fuel alcohol, at 445 million bushels, was down 6 percent from March 2018 but up 3 percent from April 2017. Corn consumed in April 2018 for dry milling fuel production and wet milling fuel production was 91.1 percent and 8.9 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.83 million tons during April 2018, down 6 percent from March 2018 but up 5 percent from April 2017. Distillers wet grains (DWG) 65 percent or more moisture was 1.39 million tons in April 2018, down 1 percent from March 2018 but up 7 percent from April 2017.

Wet mill corn gluten feed production was 305 thousand tons during April 2018, down 5 percent from March 2018 and down 12 percent from April 2017. Wet corn gluten feed 40 to 60 percent moisture was 255 thousand tons in April 2018, down 8 percent from March 2018 and down 10 percent from April 2017.

Dry and Wet Mill, Corn Consumed – United States: April 2018 with Comparisons

Purpose	April 2017	March 2018	April 2018
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,987	2,717	3,096
Fuel alcohol	432,752	472,912	445,323
Dry mill	385,608	428,916	405,732
Wet mill	47,144	43,996	39,591
Industrial alcohol	7,218	7,093	6,006
Consumed for other purposes			
Total wet mill products other than fuel	44,780	43,396	43,884

Dry Mill, Sorghum Consumed – United States: April 2018 with Comparisons

Purpose	April 2017	March 2018	April 2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	5,497	2,232	2,643

Dry and Wet Mill, Co-products and Products Produced – United States: April 2018 with Comparisons

Co-products and products	April 2017	March 2018	April 2018
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	118,242	145,808	135,883
Corn oil (Corn Distillers Oil - CDO)	132,804	148,490	144,813
Distillers dried grains (DDG)	437,914	417,190	372,741
Distillers dried grains with solubles (DDGS)	1,752,270	1,942,750	1,831,598
Distillers wet grains (DWG) 65% or more moisture	1,301,416	1,413,641	1,394,684
Modified distillers wet grains (DWG) 40% to 64% moisture	431,983	509,088	485,841
Wet mill			
Corn germ meal	60,519	58,359	60,089
Corn gluten feed	346,377	319,757	304,716
Corn gluten meal	90,133	97,157	91,427
Wet corn gluten feed 40% to 60% moisture	283,835	276,350	254,638
Dry and wet mill			
Carbon dioxide captured	200,431	210,775	216,215

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 Environmental, Economics, and Demographics Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov.

Jody McDaniel, Chief, Environmental, Economics, and Demographics Branch	(202) 720-6146
Scott Shimmin, Head, Environmental and Demographics Section.....	(202) 720-0684
Stephanie Brennan – Census of Agriculture	(202) 690-0392
Natasha Bruton – Current Agricultural Industrial Reports.....	(202) 720-7644
David Colwell – Current Agricultural Industrial Reports	(202) 690-3226
Doug Farmer – Vegetable Chemical Use	(202) 720-7492
Joseph Hagedorn – Census of Agriculture	(202) 690-2284
Virginia Harris – Census of Agriculture.....	(502) 582-5293
Dominique Sims – Census of Agriculture.....	(202) 690-4752

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.

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@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.