



Grain Crushings and Co-Products Production

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Special Note

The *Grain Crushings and Co-Products Production* publication is a product of NASS's Current Agricultural Industrial Reports (CAIR) program. CAIR will provide a data series that was previously made available by the United States Census Bureau's Current Industrial Reports (CIR) program but discontinued in 2011. For the details on the CAIR program see,

http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Current_Agricultural_Industrial_Reports/index.asp.

Highlights

March 2015 contained 31 days.

April 2015 contained 30 days.

May 2015 contained 31 days.

Total corn consumed for alcohol and other uses was 507.1 million bushels in May 2015. Total corn consumption was up 9 percent from April 2015 and up 3 percent from March 2015. May usage included 90.6 percent for alcohol and 9.4 percent for other purposes. Corn for beverage alcohol totaled 3.23 million bushels, down 2 percent from April but up 32 percent from March. Corn for fuel alcohol, at 450.2 million bushels, was up 10 percent from April and up 2 percent from March. Corn consumed in May 2015 for dry milling fuel production and wet milling fuel production was 89.5 percent and 10.5 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.89 million tons during May 2015, up 12 percent from April 2015 and up 5 percent from March 2015. Distillers wet grains (DWG) 65 percent or more moisture was 1.23 million tons in May 2015, up 2 percent from April 2015 but down 3 percent from March 2015.

Wet mill corn gluten feed production was 350.1 thousand tons during May 2015, up 12 percent from April 2015 and up 6 percent from March 2015. Wet corn gluten feed 40 to 60 percent moisture was 325.3 thousand tons in May 2015, up 4 percent from April 2015 and up 5 percent from March 2015.

Dry and Wet Mill, Corn Consumed – United States: March 2015 - May 2015

Purpose	March 2015	April 2015	May 2015
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,455	3,298	3,234
Fuel alcohol	439,423	409,045	450,218
Dry mill	393,331	366,354	402,828
Wet mill	46,092	42,691	47,390
Industrial alcohol	6,671	6,555	5,701
Consumed for other purposes			
Total wet mill products other than fuel	44,348	44,908	47,918

Dry Mill, Sorghum Consumed – United States: March 2015 - May 2015

Purpose	March 2015	April 2015	May 2015
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	(D)	(D)	(D)

(D) Withheld to avoid disclosing data for individual operations.

Dry and Wet Mill, Co-products and Products Produced – United States: March 2015 - May 2015

Co-products and products	March 2015	April 2015	May 2015
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	163,713	139,930	148,637
Corn oil	107,447	102,610	118,281
Distillers dried grains (DDG)	438,728	411,664	418,448
Distillers dried grains with solubles (DDGS)	1,810,851	1,690,903	1,892,983
Distillers wet grains (DWG) 65% or more moisture	1,264,104	1,200,282	1,228,598
Modified distillers wet grains (DWG) 40% to 64% moisture	498,977	389,889	417,888
Wet mill			
Corn germ meal	57,439	61,922	69,135
Corn gluten feed	331,547	313,889	350,141
Corn gluten meal	93,078	89,356	97,295
Corn oil	42,684	42,998	53,208
Wet corn gluten feed 40% to 60% moisture	308,444	314,047	325,292
Dry and wet mill			
Carbon dioxide captured	198,572	209,505	203,119

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. The first annual summary will be published in March of 2016.

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

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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@nass.usda.gov.

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