



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

February 2015 contained 28 days.

March 2015 contained 31 days.

April 2015 contained 30 days.

Total corn consumed for alcohol and other uses was 463.8 million bushels in April 2015. Total corn consumption was down 6 percent from March 2015 but up 5 percent from February 2015. April usage included 90.3 percent for alcohol and 9.7 percent for other purposes. Corn for beverage alcohol totaled 3.30 million bushels, up 34 percent from March and up 22 percent from February. Corn for fuel alcohol, at 409.0 million bushels, was down 7 percent from March but up 3 percent from February. Corn consumed in April 2015 for dry milling fuel production and wet milling fuel production was 89.6 percent and 10.4 percent respectively. Corn used for purposes other than fuel production totaled 44.9 million bushels, up 1 percent from March and up 19 percent from February.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.69 million tons during April 2015, down 7 percent from March 2015 but up 3 percent from February 2015. Distillers wet grains (DWG) 65 percent or more moisture was 1.20 million tons in April 2015, down 5 percent from March 2015 but up 5 percent from February 2015.

Wet mill corn gluten feed production was 313.9 thousand tons during April 2015, down 5 percent from March 2015 but up 11 percent from February 2015. Wet corn gluten feed 40 to 60 percent moisture was 314.0 thousand tons in April 2015, up 2 percent from March 2015 and up 14 percent from February 2015.

Dry and Wet Mill, Corn Consumed – United States: February 2015 - April 2015

Purpose	February 2015	March 2015	April 2015
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,698	2,455	3,298
Fuel alcohol	395,814	439,423	409,045
Dry mill	355,494	393,331	366,354
Wet mill	40,320	46,092	42,691
Industrial alcohol	6,142	6,671	6,555
Consumed for other purposes			
Total wet mill products other than fuel	37,584	44,348	44,908

Dry Mill, Sorghum Consumed – United States: February 2015 - April 2015

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

- Represents zero.

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

Dry and Wet Mill, Co-products and Products Produced – United States: February 2015 - April 2015

Co-products and products	February 2015	March 2015	April 2015
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	128,057	163,713	139,930
Corn oil	96,347	107,447	102,610
Distillers dried grains (DDG)	405,025	438,728	411,664
Distillers dried grains with solubles (DDGS)	1,649,534	1,810,851	1,690,903
Distillers wet grains (DWG) 65% or more moisture	1,144,177	1,264,104	1,200,282
Modified distillers wet grains (DWG) 40% to 64% moisture	421,666	498,977	389,889
Wet mill			
Corn germ meal	48,546	57,439	61,922
Corn gluten feed	283,990	331,547	313,889
Corn gluten meal	80,855	93,078	89,356
Corn oil	41,020	42,684	42,998
Wet corn gluten feed 40% to 60% moisture	274,763	308,444	314,047
Dry and wet mill			
Carbon dioxide captured	173,878	198,572	209,505

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

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.

Troy Joshua, Chief, Environmental, Economics, and Demographics Branch	(202) 720-6146
Scott Shimmin, Head, Environmental and Demographics Section.....	(202) 720-0684
Stephanie Brennan – Field Crops Chemical Use	(202) 690-0392
David Colwell – Current Agricultural Industrial Reports	(202) 690-3233
Doug Farmer – Vegetable Chemical Use	(202) 720-7492
Ginger Harris – Census of Agriculture.....	(502) 582-5293
Steve Peterson – Farms, Land in Farms, Census of Agriculture	(202) 720-5581
Jackie Ross – Census of Agriculture	(202) 720-7644
Miste Salmon – Current Agricultural Industrial Reports	(202) 690-3226
Theresa Varner – Farm Labor, Chemical Use.....	(202) 690-2284

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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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