



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

April 2015 contained 30 days.

May 2015 contained 31 days.

June 2015 contained 30 days.

Total corn consumed for alcohol and other uses was 493.1 million bushels in June 2015. Total corn consumption was down 3 percent from May 2015 but up 6 percent from April 2015. June usage included 91.3 percent for alcohol and 8.7 percent for other purposes. Corn for beverage alcohol totaled 2.49 million bushels, down 23 percent from May and down 24 percent from April. Corn for fuel alcohol, at 440.8 million bushels, was down 2 percent from May but up 8 percent from April. Corn consumed in June 2015 for dry milling fuel production and wet milling fuel production was 89.8 percent and 10.2 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.98 million tons during June 2015, up 4 percent from May 2015 and up 17 percent from April 2015. Distillers wet grains (DWG) 65 percent or more moisture was 1.14 million tons in June 2015, down 7 percent from May 2015 and down 5 percent from April 2015.

Wet mill corn gluten feed production was 324.9 thousand tons during June 2015, down 7 percent from May 2015 but up 4 percent from April 2015. Wet corn gluten feed 40 to 60 percent moisture was 306.4 thousand tons in June 2015, down 6 percent from May 2015 and down 2 percent from April 2015.

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

Purpose	April 2015	May 2015	June 2015
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,298	3,234	2,492
Fuel alcohol	409,045	450,218	440,796
Dry mill	366,354	402,828	395,633
Wet mill	42,691	47,390	45,163
Industrial alcohol	6,555	5,701	6,857
Consumed for other purposes			
Total wet mill products other than fuel	44,908	47,918	42,992

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

Purpose	April 2015	May 2015	June 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: April 2015 - June 2015

Co-products and products	April 2015	May 2015	June 2015
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	139,930	148,637	145,244
Corn oil	102,610	118,281	120,582
Distillers dried grains (DDG)	411,664	418,448	407,259
Distillers dried grains with solubles (DDGS)	1,690,903	1,892,983	1,976,508
Distillers wet grains (DWG) 65% or more moisture	1,200,282	1,228,598	1,136,491
Modified distillers wet grains (DWG) 40% to 64% moisture	389,889	417,888	367,092
Wet mill			
Corn germ meal	61,922	69,135	62,917
Corn gluten feed	313,889	350,141	324,905
Corn gluten meal	89,356	97,295	92,267
Corn oil	42,998	53,208	51,281
Wet corn gluten feed 40% to 60% moisture	314,047	325,292	306,354
Dry and wet mill			
Carbon dioxide captured	209,505	203,119	214,995

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.

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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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