



Grain Crushings and Co-Products Production

ISSN: 2377-3855

Released April 1, 2015, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

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

Total corn consumed for alcohol and other uses was 442.2 million bushels in February 2015. Total corn consumption was down 11 percent from January 2015 and down 13 percent from December 2014. February usage included 91.5 percent for alcohol and 8.5 percent for other purposes. Corn for beverage alcohol totaled 2.70 million bushels up 29 percent from January and up 14 percent from December. Corn for fuel alcohol at 395.8 million bushels was down 11 percent from January and down 13 percent from December. Corn consumed in February 2015 for dry milling fuel production and wet milling fuel production was 89.8 percent and 10.2 percent respectively. Corn used for purposes other than fuel production totaled 37.6 million bushels down 13 percent from January and down 16 percent from December.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.65 million tons during February 2015 down 11 percent from January 2015 and down 14 percent from December 2014. Distillers wet grains (DWG) 65 percent or more moisture was 1.14 million tons in February 2015 down 15 percent from January 2015 and down 19 percent from December 2014.

Wet mill corn gluten feed production was 284.0 thousand tons during February 2015 down 12 percent from January 2015 and down 14 percent from December 2014. Wet corn gluten feed 40 to 60 percent moisture was 274.8 thousand tons in February 2015 down 12 percent from January 2015 and down 19 percent from December 2014.

Dry and Wet Mill, Corn Consumed – United States: December 2014 - February 2015

Purpose	December 2014	January 2015	February 2015
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,364	2,087	2,698
Fuel alcohol	455,956	445,728	395,814
Dry mill	406,684	397,845	355,494
Wet mill	49,272	47,883	40,320
Industrial alcohol	6,953	6,065	6,142
Consumed for other purposes			
Total wet mill products other than fuel	44,866	43,389	37,584

Dry Mill, Sorghum Consumed – United States: December 2014 - February 2015

Purpose	December 2014	January 2015	February 2015
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	889	(D)	-

- Represents zero.

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

Dry and Wet Mill, Co-products and Products Produced – United States: December 2014 - February 2015

Co-products and products	December 2014	January 2015	February 2015
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	172,082	162,626	128,057
Corn oil	97,380	105,356	96,347
Distillers dried grains (DDG)	448,551	438,936	405,025
Distillers dried grains with solubles (DDGS)	1,919,823	1,862,550	1,649,534
Distillers wet grains (DWG) 65% or more moisture	1,411,411	1,341,938	1,144,177
Modified distillers wet grains (DWG) 40% to 64% moisture	503,258	480,134	421,666
Wet mill			
Corn germ meal	75,031	71,492	48,546
Corn gluten feed	329,431	321,768	283,990
Corn gluten meal	94,777	90,617	80,855
Corn oil	44,551	41,961	41,020
Wet corn gluten feed 40% to 60% moisture	338,077	313,400	274,763
Dry and wet mill			
Carbon dioxide captured	217,311	193,097	173,878

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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