



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

Total corn consumed for alcohol and other uses was 497.3 million bushels in January 2015. Total corn consumption was down 3 percent from December 2014, but up 3 percent from November 2014. January usage included 91.3 percent for alcohol and 8.7 percent for other purposes. Corn for beverage alcohol totaled 2.09 million bushels down 12 percent from December and down 30 percent from November. Corn for fuel alcohol at 445.7 million bushels was down 2 percent from December, but up 3 percent from November. Corn consumed in January 2015 for dry milling fuel production and wet milling fuel production was 89.3 percent and 10.7 percent respectively. Corn used for purposes other than fuel production totaled 43.4 million bushels down 3 percent from December, but up 4 percent from November.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.86 million tons during January 2015 down 3 percent from December 2014, but up 5 percent from November 2014. Distillers wet grains (DWG) 65 percent or more moisture was 1.34 million tons in January 2015 down 5 percent from December 2014 and down 1 percent from November 2014.

Wet mill corn gluten feed production was 321.8 thousand tons during January 2015 down 2 percent from December 2014, but up 9 percent from November 2014. Wet corn gluten feed 40 to 60 percent moisture was 313.4 thousand tons in January 2015 down 7 percent from December 2014 and down 1 percent from November 2014.

Dry and Wet Mill, Corn Consumed – United States: November 2014 - January 2015

Purpose	November 2014	December 2014	January 2015
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,975	2,364	2,087
Fuel alcohol	433,939	455,956	445,728
Dry mill	388,410	406,684	397,845
Wet mill	45,529	49,272	47,883
Industrial alcohol	6,293	6,953	6,065
Consumed for other purposes			
Total wet mill products other than fuel	41,855	44,866	43,389

Dry Mill, Sorghum Consumed – United States: November 2014 - January 2015

Purpose	November 2014	December 2014	January 2015
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	2,070	889	(D)

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

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

Co-products and products	November 2014	December 2014	January 2015
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	132,236	172,082	162,626
Corn oil	107,190	97,380	105,356
Distillers dried grains (DDG)	419,028	448,551	438,936
Distillers dried grains with solubles (DDGS)	1,770,904	1,919,823	1,862,550
Distillers wet grains (DWG) 65% or more moisture	1,354,729	1,411,411	1,341,938
Modified distillers wet grains (DWG) 40% to 64% moisture	472,819	503,258	480,134
Wet mill			
Corn germ meal	66,384	75,031	71,492
Corn gluten feed	295,030	329,431	321,768
Corn gluten meal	89,593	94,777	90,617
Corn oil	40,980	44,551	41,961
Wet corn gluten feed 40% to 60% moisture	317,273	338,077	313,400
Dry and wet mill			
Carbon dioxide captured	205,305	217,311	193,097

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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