



Grain Crushings and Co-Products Production

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Highlights

February 2015 contained 28 days.

January 2016 contained 31 days.

February 2016 contained 29 days.

Total corn consumed for alcohol and other uses was 470.2 million bushels in February 2016. Total corn consumption was down 4 percent from January 2016 but up 7 percent from February 2015. February 2016 usage included 91.4 percent for alcohol and 8.6 percent for other purposes. Corn for beverage alcohol totaled 2.70 million bushels, down 21 percent from January 2016 but up slightly from February 2015. Corn for fuel alcohol, at 420.8 million bushels, was down 5 percent from January 2016 but up 7 percent from February 2015. Corn consumed in February 2016 for dry milling fuel production and wet milling fuel production was 89.7 percent and 10.3 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.80 million tons during February 2016, down 4 percent from January 2016 but up 11 percent from February 2015. Distillers wet grains (DWG) 65 percent or more moisture was 1.25 million tons in February 2016, down 5 percent from January 2016 and down 2 percent from February 2015.

Wet mill corn gluten feed production was 312.0 thousand tons during February 2016, down 3 percent from January 2016 but up 10 percent from February 2015. Wet corn gluten feed 40 to 60 percent moisture was 277.4 thousand tons in February 2016, down 5 percent from January 2016 but up 1 percent from February 2015.

Dry and Wet Mill, Corn Consumed – United States: February 2016 with Comparisons

Purpose	February 2015	January 2016	February 2016
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,698	3,405	2,703
Fuel alcohol	394,083	441,259	420,751
Dry mill	353,763	394,251	377,344
Wet mill	40,320	47,008	43,407
Industrial alcohol	6,522	5,335	6,146
Consumed for other purposes			
Total wet mill products other than fuel	37,584	41,331	40,558

Dry Mill, Sorghum Consumed – United States: February 2016 with Comparisons

Purpose	February 2015	January 2016	February 2016
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	-	6,757	11,861

- Represents zero.

Dry and Wet Mill, Co-products and Products Produced – United States: February 2016 with Comparisons

Co-products and products	February 2015	January 2016	February 2016
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	128,271	133,919	122,291
Corn oil (Corn Distillers Oil - CDO)	95,268	124,541	123,806
Distillers dried grains (DDG)	405,025	383,131	367,436
Distillers dried grains with solubles (DDGS)	1,622,467	1,869,722	1,795,472
Distillers wet grains (DWG) 65% or more moisture	1,268,244	1,311,155	1,247,751
Modified distillers wet grains (DWG) 40% to 64% moisture	418,698	449,256	401,370
Wet mill			
Corn germ meal	48,546	63,787	65,123
Corn gluten feed	283,990	321,956	312,012
Corn gluten meal	80,855	87,266	83,643
Corn oil	41,020	45,976	46,490
Wet corn gluten feed 40% to 60% moisture	274,763	291,882	277,434
Dry and wet mill			
Carbon dioxide captured	173,878	202,150	190,003

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.

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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