



Grain Crushings and Co-Products Production

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Highlights

December 2014 contained 31 days.

November 2015 contained 30 days.

December 2015 contained 31 days.

Total corn consumed for alcohol and other uses was 495.5 million bushels in December 2015. Total corn consumption was up 2 percent from November 2015 but down 3 percent from December 2014. December 2015 usage included 91.6 percent for alcohol and 8.4 percent for other purposes. Corn for beverage alcohol totaled 2.81 million bushels, down 5 percent from November 2015 but up 19 percent from December 2014. Corn for fuel alcohol, at 444.5 million bushels, was up 2 percent from November 2015 but down 3 percent from December 2014. Corn consumed in December 2015 for dry milling fuel production and wet milling fuel production was 88.7 percent and 11.3 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.97 million tons during December 2015, up 2 percent from November 2015 and up 3 percent from December 2014. Distillers wet grains (DWG) 65 percent or more moisture was 1.27 million tons in December 2015, up 12 percent from November 2015 but down 10 percent from December 2014.

Wet mill corn gluten feed production was 340.5 thousand tons during December 2015, up 5 percent from November 2015 and up 3 percent from December 2014. Wet corn gluten feed 40 to 60 percent moisture was 307.9 thousand tons in December 2015, up 6 percent from November 2015 but down 9 percent from December 2014.

Dry and Wet Mill, Corn Consumed – United States: December 2015 with Comparisons

Purpose	December 2014	November 2015	December 2015
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,364	2,970	2,807
Fuel alcohol	455,956	435,033	444,524
Dry mill	406,684	388,907	394,460
Wet mill	49,272	46,126	50,064
Industrial alcohol	6,953	5,576	6,479
Consumed for other purposes			
Total wet mill products other than fuel	44,866	40,935	41,724

Dry Mill, Sorghum Consumed – United States: December 2015 with Comparisons

Purpose	December 2014	November 2015	December 2015
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	889	5,615	7,616

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

Co-products and products	December 2014	November 2015	December 2015
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	172,082	124,855	134,196
Corn oil	97,380	130,938	131,811
Distillers dried grains (DDG)	448,551	413,019	423,632
Distillers dried grains with solubles (DDGS)	1,919,823	1,935,499	1,973,279
Distillers wet grains (DWG) 65% or more moisture	1,411,411	1,130,071	1,265,208
Modified distillers wet grains (DWG) 40% to 64% moisture	503,258	425,499	445,735
Wet mill			
Corn germ meal	75,031	67,645	69,669
Corn gluten feed	329,431	322,741	340,460
Corn gluten meal	94,777	84,505	88,921
Corn oil	44,551	53,597	57,578
Wet corn gluten feed 40% to 60% moisture	338,077	289,171	307,874
Dry and wet mill			
Carbon dioxide captured	217,311	203,996	211,352

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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