



Grain Crushings and Co-Products Production

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Highlights

January 2017 contained 31 days.

February 2017 contained 28 days.

Total corn consumed for alcohol and other uses was 473 million bushels in February 2017. Total corn consumption was down 11 percent from January 2017 but up 1 percent from February 2016. February 2017 usage included 91.7 percent for alcohol and 8.3 percent for other purposes. Corn total corn consumed for beverage alcohol totaled 3.08 million bushels, up 27 percent from January 2017 and up 25 percent from February 2016. Corn for fuel alcohol, at 423 million bushels, was down 11 percent from January 2017 but up 1 percent from February 2016. Corn consumed in February 2017 for dry milling fuel production and wet milling fuel production was 90.3 percent and 9.71 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.89 million tons during February 2017, down 9 percent from January 2017 but up 5 percent from February 2016. Distillers wet grains (DWG) 65 percent or more moisture was 1.22 million tons in February 2017, down 12 percent from January 2017 and down 2 percent from February 2016.

Wet mill corn gluten feed production was 269 thousand tons during February 2017, down 22 percent from January 2017 and down 14 percent from February 2016. Wet corn gluten feed 40 to 60 percent moisture was 293 thousand tons in February 2017, down 7 percent from January 2017 but up 5 percent from February 2016.

Dry and Wet Mill, Corn Consumed – United States: February 2017 with Comparisons

Purpose	February 2016	January 2017	February 2017
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,462	2,424	3,080
Fuel alcohol	420,937	473,641	423,497
Dry mill	377,530	424,269	382,383
Wet mill	43,407	49,372	41,114
Industrial alcohol	6,301	7,615	7,045
Consumed for other purposes			
Total wet mill products other than fuel	40,558	43,436	39,138

Dry Mill, Sorghum Consumed – United States: February 2017 with Comparisons

Purpose	February 2016	January 2017	February 2017
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	8,719	6,556	6,450

Dry and Wet Mill, Co-products and Products Produced – United States: February 2017 with Comparisons

Co-products and products	February 2016	January 2017	February 2017
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	122,291	132,952	115,823
Corn oil (Corn Distillers Oil - CDO)	123,806	146,305	135,080
Distillers dried grains (DDG)	367,436	430,929	373,099
Distillers dried grains with solubles (DDGS)	1,795,472	2,073,740	1,893,948
Distillers wet grains (DWG) 65% or more moisture	1,249,676	1,392,605	1,224,738
Modified distillers wet grains (DWG) 40% to 64% moisture	401,370	444,897	404,414
Wet mill			
Corn germ meal	65,123	66,031	57,560
Corn gluten feed	312,012	347,389	269,325
Corn gluten meal	83,643	90,593	78,780
Wet corn gluten feed 40% to 60% moisture	277,434	315,420	292,526
Dry and wet mill			
Carbon dioxide captured	193,590	192,585	176,124

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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