



Grain Crushings and Co-Products Production

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Highlights

December 2017 contained 31 days.

January 2018 contained 31 days.

Total corn consumed for alcohol and other uses was 526 million bushels in January 2018. Total corn consumption was down 2 percent from December 2017 and down slightly from January 2017. January 2018 usage included 92.2 percent for alcohol and 7.8 percent for other purposes. Corn consumed for beverage alcohol totaled 2.93 million bushels, up 30 percent from December 2017 and up 21 percent from January 2017. Corn for fuel alcohol, at 476 million bushels, was down 2 percent from December 2017 but up 1 percent from January 2017. Corn consumed in January 2018 for dry milling fuel production and wet milling fuel production was 90.6 percent and 9.4 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.99 million tons during January 2018, up 1 percent from December 2017 but down 4 percent from January 2017. Distillers wet grains (DWG) 65 percent or more moisture was 1.44 million tons in January 2018, up 1 percent from December 2017 and up 4 percent from January 2017.

Wet mill corn gluten feed production was 304 thousand tons during January 2018, down 5 percent from December 2017 and down 12 percent from January 2017. Wet corn gluten feed 40 to 60 percent moisture was 275 thousand tons in January 2018, down 11 percent from December 2017 and down 13 percent from January 2017.

Dry and Wet Mill, Corn Consumed – United States: January 2018 with Comparisons

Purpose	January 2017	December 2017	January 2018
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,424	2,249	2,933
Fuel alcohol	473,641	487,713	476,129
Dry mill	424,269	439,929	431,474
Wet mill	49,372	47,784	44,655
Industrial alcohol	7,615	6,844	6,114
Consumed for other purposes			
Total wet mill products other than fuel	43,436	41,253	40,909

Dry Mill, Sorghum Consumed – United States: January 2018 with Comparisons

Purpose	January 2017	December 2017	January 2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	6,556	2,295	(D)

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

Dry and Wet Mill, Co-products and Products Produced – United States: January 2018 with Comparisons

Co-products and products	January 2017	December 2017	January 2018
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	132,952	124,098	147,329
Corn oil (Corn Distillers Oil - CDO)	146,305	174,078	164,325
Distillers dried grains (DDG)	430,929	442,427	406,648
Distillers dried grains with solubles (DDGS)	2,073,740	1,967,745	1,986,257
Distillers wet grains (DWG) 65% or more moisture	1,392,605	1,431,323	1,443,327
Modified distillers wet grains (DWG) 40% to 64% moisture	444,897	511,763	512,520
Wet mill			
Corn germ meal	66,031	71,732	62,669
Corn gluten feed	347,389	318,694	303,966
Corn gluten meal	90,593	91,092	91,519
Wet corn gluten feed 40% to 60% moisture	315,420	309,765	275,284
Dry and wet mill			
Carbon dioxide captured	192,585	209,638	208,318

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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