



Grain Crushings and Co-Products Production

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Highlights

January 2018 contained 31 days.

February 2018 contained 28 days.

Total corn consumed for alcohol and other uses was 482 million bushels in February 2018. Total corn consumption was down 8 percent from January 2018 but up 2 percent from February 2017. February 2018 usage included 91.7 percent for alcohol and 8.3 percent for other purposes. Corn consumed for beverage alcohol totaled 2.36 million bushels, down 19 percent from January 2018 and down 23 percent from February 2017. Corn for fuel alcohol, at 434 million bushels, was down 9 percent from January 2018 but up 2 percent from February 2017. Corn consumed in February 2018 for dry milling fuel production and wet milling fuel production was 90.7 percent and 9.3 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.83 million tons during February 2018, down 8 percent from January 2018 and down 3 percent from February 2017. Distillers wet grains (DWG) 65 percent or more moisture was 1.26 million tons in February 2018, down 12 percent from January 2018 but up 3 percent from February 2017.

Wet mill corn gluten feed production was 285 thousand tons during February 2018, down 6 percent from January 2018 but up 6 percent from February 2017. Wet corn gluten feed 40 to 60 percent moisture was 255 thousand tons in February 2018, down 7 percent from January 2018 and down 13 percent from February 2017.

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

Purpose	February 2017	January 2018	February 2018
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,080	2,933	2,364
Fuel alcohol	423,574	476,129	433,622
Dry mill	382,460	431,474	393,318
Wet mill	41,114	44,655	40,304
Industrial alcohol	7,045	6,114	5,829
Consumed for other purposes			
Total wet mill products other than fuel	39,138	40,909	39,966

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

Purpose	February 2017	January 2018	February 2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	6,450	(D)	1,815

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

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

Co-products and products	February 2017	January 2018	February 2018
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	115,697	147,329	152,279
Corn oil (Corn Distillers Oil - CDO)	135,060	164,325	164,531
Distillers dried grains (DDG)	373,099	406,648	371,026
Distillers dried grains with solubles (DDGS)	1,891,804	1,986,257	1,829,272
Distillers wet grains (DWG) 65% or more moisture	1,224,738	1,443,327	1,264,798
Modified distillers wet grains (DWG) 40% to 64% moisture	405,666	512,520	452,351
Wet mill			
Corn germ meal	57,560	62,669	58,351
Corn gluten feed	269,325	303,966	285,466
Corn gluten meal	78,780	91,519	90,924
Wet corn gluten feed 40% to 60% moisture	292,526	275,284	254,749
Dry and wet mill			
Carbon dioxide captured	176,265	208,318	187,762

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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