



Grain Crushings and Co-Products Production

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Highlights

February 2018 contained 28 days.

March 2018 contained 31 days.

Total corn consumed for alcohol and other uses was 526 million bushels in March 2018. Total corn consumption was up 9 percent from February 2018 and up 2 percent from March 2017. March 2018 usage included 91.8 percent for alcohol and 8.2 percent for other purposes. Corn consumed for beverage alcohol totaled 2.72 million bushels, up 15 percent from February 2018 and up 2 percent from March 2017. Corn for fuel alcohol, at 473 million bushels, was up 9 percent from February 2018 and up 3 percent from March 2017. Corn consumed in March 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 1.94 million tons during March 2018, up 6 percent from February 2018 but down 3 percent from March 2017. Distillers wet grains (DWG) 65 percent or more moisture was 1.41 million tons in March 2018, up 12 percent from February 2018 and up 2 percent from March 2017.

Wet mill corn gluten feed production was 320 thousand tons during March 2018, up 12 percent from February 2018 but down 10 percent from March 2017. Wet corn gluten feed 40 to 60 percent moisture was 276 thousand tons in March 2018, up 8 percent from February 2018 but down 10 percent from March 2017.

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

Purpose	March 2017	February 2018	March 2018
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,662	2,364	2,717
Fuel alcohol	460,383	433,622	472,912
Dry mill	413,733	393,318	428,916
Wet mill	46,650	40,304	43,996
Industrial alcohol	6,931	5,829	7,093
Consumed for other purposes			
Total wet mill products other than fuel	44,561	39,966	43,396

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

Purpose	March 2017	February 2018	March 2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	7,055	1,815	2,232

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

Co-products and products	March 2017	February 2018	March 2018
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	141,951	152,279	145,808
Corn oil (Corn Distillers Oil - CDO)	143,260	164,531	148,490
Distillers dried grains (DDG)	425,213	371,026	417,190
Distillers dried grains with solubles (DDGS)	1,997,388	1,829,272	1,942,750
Distillers wet grains (DWG) 65% or more moisture	1,391,225	1,264,798	1,413,641
Modified distillers wet grains (DWG) 40% to 64% moisture	457,407	452,351	509,088
Wet mill			
Corn germ meal	59,425	58,351	58,359
Corn gluten feed	355,194	285,466	319,757
Corn gluten meal	89,491	90,924	97,157
Wet corn gluten feed 40% to 60% moisture	307,814	254,749	276,350
Dry and wet mill			
Carbon dioxide captured	207,016	187,762	210,775

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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