



Grain Crushings and Co-Products Production

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Highlights

February 2020 contained 29 days.

March 2020 contained 31 days.

Total corn consumed for alcohol and other uses was 467 million bushels in March 2020. Total corn consumption was down 3 percent from February 2020 and down 6 percent from March 2019. March 2020 usage included 90.8 percent for alcohol and 9.2 percent for other purposes. Corn consumed for beverage alcohol totaled 4.05 million bushels, up 55 percent from February 2020 and up 17 percent from March 2019. Corn for fuel alcohol, at 412 million bushels, was down 5 percent from February 2020 and down 7 percent from March 2019. Corn consumed in March 2020 for dry milling fuel production and wet milling fuel production was 90.2 percent and 9.8 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.66 million tons during March 2020, down 9 percent from February 2020 and down 11 percent from March 2019. Distillers wet grains (DWG) 65 percent or more moisture was 1.22 million tons in March 2020, down slightly from February 2020 and down 9 percent from March 2019.

Wet mill corn gluten feed production was 291,861 tons during March 2020, up 4 percent from February 2020 but down 4 percent from March 2019. Wet corn gluten feed 40 to 60 percent moisture was 245,209 tons in March 2020, up 4 percent from February 2020 and up 9 percent from March 2019.

Dry and Wet Mill, Corn Consumed – United States: March 2020 with Comparisons

Purpose	March 2019	February 2020	March 2020
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,455	2,617	4,045
Fuel alcohol	441,960	432,749	411,774
Dry mill	402,843	389,345	371,540
Wet mill	39,117	43,404	40,234
Industrial alcohol	7,133	6,809	7,751
Consumed for other purposes			
Total wet mill products other than fuel	42,605	38,197	43,008

Dry Mill, Sorghum Consumed – United States: March 2020 with Comparisons

Purpose	March 2019	February 2020	March 2020
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	5,167	5,857	4,640

Dry and Wet Mill, Co-products and Products Produced – United States: March 2020 with Comparisons

Co-products and products	March 2019	February 2020	March 2020
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	115,583	99,142	99,381
Corn oil (Corn Distillers Oil - CDO)	149,168	148,501	148,396
Distillers dried grains (DDG)	386,413	328,113	317,411
Distillers dried grains with solubles (DDGS)	1,866,807	1,813,609	1,655,247
Distillers wet grains (DWG) 65% or more moisture	1,337,382	1,218,655	1,218,394
Modified distillers wet grains (DWG) 40% to 64% moisture	362,412	469,444	477,519
Wet mill			
Corn germ meal	61,001	63,305	69,960
Corn gluten feed	304,047	281,160	291,861
Corn gluten meal	88,890	88,021	92,269
Wet corn gluten feed 40% to 60% moisture	224,850	235,941	245,209
Dry and wet mill			
Carbon dioxide captured	242,832	211,775	218,593

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 Crops 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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- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@usda.gov.

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