



Grain Crushings and Co-Products Production

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Highlights

March 2020 contained 31 days.

April 2020 contained 30 days.

Total corn consumed for alcohol and other uses was 299 million bushels in April 2020. Total corn consumption was down 36 percent from March 2020 and down 39 percent from April 2019. April 2020 usage included 87.3 percent for alcohol and 12.7 percent for other purposes. Corn consumed for beverage alcohol totaled 4.14 million bushels, up 2 percent from March 2020 and up 12 percent from April 2019. Corn for fuel alcohol, at 245 million bushels, was down 40 percent from March 2020 and down 44 percent from April 2019. Corn consumed in April 2020 for dry milling fuel production and wet milling fuel production was 87.3 percent and 12.7 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.01 million tons during April 2020, down 38 percent from March 2020 and down 45 percent from April 2019. Distillers wet grains (DWG) 65 percent or more moisture was 662,475 tons in April 2020, down 46 percent from March 2020 and down 51 percent from April 2019.

Wet mill corn gluten feed production was 231,145 tons during April 2020, down 21 percent from March 2020 and down 22 percent from April 2019. Wet corn gluten feed 40 to 60 percent moisture was 188,258 tons in April 2020, down 23 percent from March 2020 and down 26 percent from April 2019.

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

Purpose	April 2019	March 2020	April 2020
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,692	4,045	4,137
Fuel alcohol	440,477	410,314	244,983
Dry mill	399,729	370,080	213,905
Wet mill	40,748	40,234	31,078
Industrial alcohol	6,260	7,751	11,753
Consumed for other purposes			
Total wet mill products other than fuel	42,730	43,008	38,088

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

Purpose	April 2019	March 2020	April 2020
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	4,418	4,640	2,716

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

Co-products and products	April 2019	March 2020	April 2020
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	127,703	99,381	78,629
Corn oil (Corn Distillers Oil - CDO)	150,114	147,715	89,132
Distillers dried grains (DDG)	376,775	317,411	173,465
Distillers dried grains with solubles (DDGS)	1,858,305	1,647,029	1,013,914
Distillers wet grains (DWG) 65% or more moisture	1,351,347	1,218,394	662,475
Modified distillers wet grains (DWG) 40% to 64% moisture	364,589	475,109	274,285
Wet mill			
Corn germ meal	69,703	69,960	51,929
Corn gluten feed	296,681	291,861	231,145
Corn gluten meal	91,364	92,269	76,897
Wet corn gluten feed 40% to 60% moisture	253,959	245,209	188,258
Dry and wet mill			
Carbon dioxide captured	223,667	218,593	162,926

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@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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