



Grain Crushings and Co-Products Production

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Highlights

April 2020 contained 30 days.

May 2020 contained 31 days.

Total corn consumed for alcohol and other uses was 354 million bushels in May 2020. Total corn consumption was up 18 percent from April 2020 but down 31 percent from May 2019. May 2020 usage included 89.4 percent for alcohol and 10.6 percent for other purposes. Corn consumed for beverage alcohol totaled 3.99 million bushels, down 4 percent from April 2020 but up 20 percent from May 2019. Corn for fuel alcohol, at 300 million bushels, was up 22 percent from April 2020 but down 35 percent from May 2019. Corn consumed in May 2020 for dry milling fuel production and wet milling fuel production was 85.2 percent and 14.8 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.23 million tons during May 2020, up 22 percent from April 2020 but down 37 percent from May 2019. Distillers wet grains (DWG) 65 percent or more moisture was 696,152 tons in May 2020, down slightly from April 2020 and down 49 percent from May 2019.

Wet mill corn gluten feed production was 291,064 tons during May 2020, up 26 percent from April 2020 but down 2 percent from May 2019. Wet corn gluten feed 40 to 60 percent moisture was 224,695 tons in May 2020, up 19 percent from April 2020 but down 17 percent from May 2019.

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

Purpose	May 2019	April 2020	May 2020
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,327	4,137	3,992
Fuel alcohol	459,485	244,983	299,934
Dry mill	418,280	213,905	255,617
Wet mill	41,205	31,078	44,317
Industrial alcohol	5,924	11,753	12,281
Consumed for other purposes			
Total wet mill products other than fuel	46,668	38,088	37,618

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

Purpose	May 2019	April 2020	May 2020
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	5,176	2,716	2,047

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

Co-products and products	May 2019	April 2020	May 2020
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	115,995	78,629	81,971
Corn oil (Corn Distillers Oil - CDO)	157,623	89,132	104,898
Distillers dried grains (DDG)	401,171	173,465	205,750
Distillers dried grains with solubles (DDGS)	1,942,792	1,013,914	1,233,608
Distillers wet grains (DWG) 65% or more moisture	1,363,679	696,475	696,152
Modified distillers wet grains (DWG) 40% to 64% moisture	456,572	274,285	242,264
Wet mill			
Corn germ meal	68,852	51,929	64,200
Corn gluten feed	298,347	231,145	291,064
Corn gluten meal	93,185	76,897	91,013
Wet corn gluten feed 40% to 60% moisture	269,967	188,258	224,695
Dry and wet mill			
Carbon dioxide captured	235,559	162,926	149,453

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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