



Grain Crushings and Co-Products Production

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Highlights

May 2020 contained 31 days.

June 2020 contained 30 days.

Total corn consumed for alcohol and other uses was 431 million bushels in June 2020. Total corn consumption was up 22 percent from May 2020 but down 15 percent from June 2019. June 2020 usage included 90.8 percent for alcohol and 9.2 percent for other purposes. Corn consumed for beverage alcohol totaled 3.65 million bushels, down 9 percent from May 2020 but up 6 percent from June 2019. Corn for fuel alcohol, at 379 million bushels, was up 26 percent from May 2020 but down 17 percent from June 2019. Corn consumed in June 2020 for dry milling fuel production and wet milling fuel production was 89.0 percent and 11.0 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.66 million tons during June 2020, up 35 percent from May 2020 but down 15 percent from June 2019. Distillers wet grains (DWG) 65 percent or more moisture was 824,313 tons in June 2020, up 18 percent from May 2020 but down 36 percent from June 2019.

Wet mill corn gluten feed production was 294,074 tons during June 2020, up 1 percent from May 2020 and up 3 percent from June 2019. Wet corn gluten feed 40 to 60 percent moisture was 244,097 tons in June 2020, up 9 percent from May 2020 but down 3 percent from June 2019.

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

Purpose	June 2019	May 2020	June 2020
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,439	3,992	3,649
Fuel alcohol	456,431	299,934	378,900
Dry mill	415,763	255,617	337,349
Wet mill	40,668	44,317	41,551
Industrial alcohol	5,926	12,281	9,084
Consumed for other purposes			
Total wet mill products other than fuel	43,557	37,618	39,715

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

Purpose	June 2019	May 2020	June 2020
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	4,918	2,047	1,286

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

Co-products and products	June 2019	May 2020	June 2020
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	97,365	81,971	86,233
Corn oil (Corn Distillers Oil - CDO)	164,366	104,898	135,676
Distillers dried grains (DDG)	369,394	205,750	268,201
Distillers dried grains with solubles (DDGS)	1,959,560	1,233,608	1,664,454
Distillers wet grains (DWG) 65% or more moisture	1,294,222	696,152	824,313
Modified distillers wet grains (DWG) 40% to 64% moisture	391,650	242,264	309,981
Wet mill			
Corn germ meal	66,291	64,200	65,113
Corn gluten feed	286,101	291,064	294,074
Corn gluten meal	92,107	91,013	90,257
Wet corn gluten feed 40% to 60% moisture	250,826	224,695	244,097
Dry and wet mill			
Carbon dioxide captured	260,283	149,453	184,413

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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