



Grain Crushings and Co-Products Production

ISSN: 2377-3855

Released May 3, 2021, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Highlights

February 2021 contained 28 days.

March 2021 contained 31 days.

Total corn consumed for alcohol and other uses was 473 million bushels in March 2021. Total corn consumption was up 25 percent from February 2021 and up 1 percent from March 2020. March 2021 usage included 91.1 percent for alcohol and 8.9 percent for other purposes. Corn consumed for beverage alcohol totaled 3.72 million bushels, up 35 percent from February 2021 but down 8 percent from March 2020. Corn for fuel alcohol, at 420 million bushels, was up 26 percent from February 2021 and up 2 percent from March 2020. Corn consumed in March 2021 for dry milling fuel production and wet milling fuel production was 91.5 percent and 8.5 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.80 million tons during March 2021, up 28 percent from February 2021 and up 9 percent from March 2020. Distillers wet grains (DWG) 65 percent or more moisture was 1.11 million tons in March 2021, up 26 percent from February 2021 but down 12 percent from March 2020.

Wet mill corn gluten feed production was 266,308 tons during March 2021, up 22 percent from February 2021 but down 9 percent from March 2020. Wet corn gluten feed 40 to 60 percent moisture was 206,831 tons in March 2021, up 22 percent from February 2021 but down 6 percent from March 2020.

Dry and Wet Mill, Corn Consumed – United States: March 2021 with Comparisons

Purpose	March 2020	February 2021	March 2021
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	4,045	2,755	3,721
Fuel alcohol	411,812	334,229	420,045
Dry mill	372,864	303,966	384,513
Wet mill	38,948	30,263	35,532
Industrial alcohol	7,751	6,684	7,445
Consumed for other purposes			
Total wet mill products other than fuel	43,008	34,022	42,159

Dry Mill, Sorghum Consumed – United States: March 2021 with Comparisons

Purpose	March 2020	February 2021	March 2021
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	4,640	(D)	-

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

Dry and Wet Mill, Co-products and Products Produced – United States: March 2021 with Comparisons

Co-products and products	March 2020	February 2021	March 2021
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	99,381	92,525	90,530
Corn oil (Corn Distillers Oil - CDO)	149,066	117,903	156,903
Distillers dried grains (DDG)	317,411	262,261	368,075
Distillers dried grains with solubles (DDGS)	1,655,147	1,406,427	1,803,494
Distillers wet grains (DWG) 65% or more moisture	1,273,180	885,932	1,114,039
Modified distillers wet grains (DWG) 40% to 64% moisture	478,416	377,688	391,913
Wet mill			
Corn germ meal	69,960	44,416	50,088
Corn gluten feed	291,861	217,605	266,308
Corn gluten meal	92,269	97,680	113,365
Wet corn gluten feed 40% to 60% moisture	220,423	169,005	206,831
Dry and wet mill			
Carbon dioxide captured	218,593	182,552	237,819

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 agencies 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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