



Grain Crushings and Co-Products Production

ISSN: 2377-3855

Released April 1, 2021, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Highlights

January 2021 contained 31 days.

February 2021 contained 28 days.

Total corn consumed for alcohol and other uses was 376 million bushels in February 2021. Total corn consumption was down 19 percent from January 2021 and down 22 percent from February 2020. February 2021 usage included 91.0 percent for alcohol and 9.0 percent for other purposes. Corn consumed for beverage alcohol totaled 2.76 million bushels, down 16 percent from January 2021 but up 5 percent from February 2020. Corn for fuel alcohol, at 333 million bushels, was down 20 percent from January 2021 and down 23 percent from February 2020. Corn consumed in February 2021 for dry milling fuel production and wet milling fuel production was 90.9 percent and 9.1 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.41 million tons during February 2021, down 20 percent from January 2021 and down 23 percent from February 2020. Distillers wet grains (DWG) 65 percent or more moisture was 885,932 tons in February 2021, down 15 percent from January 2021 and down 31 percent from February 2020.

Wet mill corn gluten feed production was 217,605 tons during February 2021, down 23 percent from January 2021 and down 23 percent from February 2020. Wet corn gluten feed 40 to 60 percent moisture was 169,005 tons in February 2021, down 21 percent from January 2021 and down 22 percent from February 2020.

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

Purpose	February 2020	January 2021	February 2021
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,617	3,291	2,755
Fuel alcohol	433,962	414,948	332,794
Dry mill	391,617	373,678	302,531
Wet mill	42,345	41,270	30,263
Industrial alcohol	6,809	7,331	6,684
Consumed for other purposes			
Total wet mill products other than fuel	38,197	39,282	34,022

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

Purpose	February 2020	January 2021	February 2021
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	5,857	(D)	(D)

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

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

Co-products and products	February 2020	January 2021	February 2021
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	102,244	79,610	92,525
Corn oil (Corn Distillers Oil - CDO)	149,000	148,527	117,903
Distillers dried grains (DDG)	328,113	342,557	262,261
Distillers dried grains with solubles (DDGS)	1,817,583	1,753,401	1,406,427
Distillers wet grains (DWG) 65% or more moisture	1,277,774	1,042,660	885,932
Modified distillers wet grains (DWG) 40% to 64% moisture	469,444	415,857	377,688
Wet mill			
Corn germ meal	63,305	53,242	44,416
Corn gluten feed	281,160	282,163	217,605
Corn gluten meal	88,021	116,178	97,680
Wet corn gluten feed 40% to 60% moisture	217,691	214,623	169,005
Dry and wet mill			
Carbon dioxide captured	211,775	193,297	182,552

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

Lance Honig, Chief, Crops Branch.....	(202) 720-2127
Chris Hawthorn, Head, Field Crops Section	(202) 720-2127
Irwin Anolik – Crop Weather	(202) 720-7621
Joshua Bates – Oats, Soybeans	(202) 690-3234
David Colwell – Current Agricultural Industrial Reports.....	(202) 720-8800
Becky Sommer – Cotton, Cotton Ginnings, Sorghum.....	(202) 720-5944
James Johanson – Barley, County Estimates, Hay	(202) 690-8533
Greg Lemmons – Corn, Flaxseed, Proso Millet	(202) 720-9526
Jean Porter – Rye, Wheat	(202) 720-8068
John Stephens – Peanuts, Rice.....	(202) 720-7688
Travis Thorson – Sunflower, Other Oilseeds	(202) 720-7369

Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: www.nass.usda.gov
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- 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.

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the basis of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

If you wish to file a Civil Rights program complaint of discrimination, complete the [USDA Program Discrimination Complaint Form](#) (PDF), found online at www.ascr.usda.gov/filing-program-discrimination-complaint-usda-customer, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.