



# Grain Crushings and Co-Products Production

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## Highlights

**December 2020** contained 31 days.

**January 2021** contained 31 days.

**Total corn consumed** for alcohol and other uses was 466 million bushels in January 2021. Total corn consumption was down 3 percent from December 2020 and down 10 percent from January 2020. January 2021 usage included 91.6 percent for alcohol and 8.4 percent for other purposes. Corn consumed for beverage alcohol totaled 3.29 million bushels, down 11 percent from December 2020 but up 22 percent from January 2020. Corn for fuel alcohol, at 416 million bushels, was down 4 percent from December 2020 and down 11 percent from January 2020. Corn consumed in January 2021 for dry milling fuel production and wet milling fuel production was 90.1 percent and 9.9 percent, respectively.

**Dry mill co-product production** of distillers dried grains with solubles (DDGS) was 1.75 million tons during January 2021, down 2 percent from December 2020 and down 10 percent from January 2020. Distillers wet grains (DWG) 65 percent or more moisture was 1.04 million tons in January 2021, down 5 percent from December 2020 and down 26 percent from January 2020.

**Wet mill corn gluten feed production** was 282,163 tons during January 2021, down 9 percent from December 2020 and down 8 percent from January 2020. Wet corn gluten feed 40 to 60 percent moisture was 214,623 tons in January 2021, up 16 percent from December 2020 but down 8 percent from January 2020.

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

Purpose	January 2020	December 2020	January 2021
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
<b>Consumed for alcohol production</b>			
Beverage alcohol .....	2,699	3,716	3,291
Fuel alcohol .....	469,463	431,731	415,804
Dry mill .....	424,075	388,228	374,534
Wet mill .....	45,388	43,503	41,270
Industrial alcohol .....	6,776	6,331	7,331
<b>Consumed for other purposes</b>			
Total wet mill products other than fuel .....	40,462	37,948	39,282

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

Purpose	January 2020	December 2020	January 2021
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Consumed for alcohol production</b>			
Fuel alcohol .....	4,967	(D)	(D)

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

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

Co-products and products	January 2020	December 2020	January 2021
	(tons)	(tons)	(tons)
<b>Dry mill</b>			
Condensed distillers solubles (CDS - syrup) .....	121,740	74,497	79,610
Corn oil (Corn Distillers Oil - CDO) .....	151,877	160,259	148,527
Distillers dried grains (DDG) .....	358,478	364,532	342,557
Distillers dried grains with solubles (DDGS) .....	1,950,153	1,787,124	1,753,401
Distillers wet grains (DWG) 65% or more moisture .....	1,411,812	1,094,599	1,042,660
Modified distillers wet grains (DWG) 40% to 64% moisture .....	476,126	435,648	415,857
<b>Wet mill</b>			
Corn germ meal .....	68,154	47,715	53,242
Corn gluten feed .....	308,081	309,298	282,163
Corn gluten meal .....	93,097	113,754	116,178
Wet corn gluten feed 40% to 60% moisture .....	234,181	185,187	214,623
<b>Dry and wet mill</b>			
Carbon dioxide captured .....	216,915	185,563	193,297

## 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](mailto: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](mailto: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](mailto:nass@usda.gov).

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