



# Grain Crushings and Co-Products Production

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## Highlights

**September 2020** contained 30 days.

**October 2020** contained 31 days.

**Total corn consumed** for alcohol and other uses was 481 million bushels in October 2020. Total corn consumption was up 7 percent from September 2020 but down 1 percent from October 2019. October 2020 usage included 92.0 percent for alcohol and 8.0 percent for other purposes. Corn consumed for beverage alcohol totaled 3.30 million bushels, down 15 percent from September 2020 but up 3 percent from October 2019. Corn for fuel alcohol, at 433 million bushels, was up 8 percent from September 2020 but down 1 percent from October 2019. Corn consumed in October 2020 for dry milling fuel production and wet milling fuel production was 89.6 percent and 10.4 percent, respectively.

**Dry mill co-product production** of distillers dried grains with solubles (DDGS) was 1.80 million tons during October 2020, up 4 percent from September 2020 but down 4 percent from October 2019. Distillers wet grains (DWG) 65 percent or more moisture was 1.01 million tons in October 2020, up 5 percent from September 2020 but down 22 percent from October 2019.

**Wet mill corn gluten feed production** was 293,793 tons during October 2020, up 3 percent from September 2020 but down slightly from October 2019. Wet corn gluten feed 40 to 60 percent moisture was 244,618 tons in October 2020, down 3 percent from September 2020 but up 5 percent from October 2019.

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

Purpose	October 2019	September 2020	October 2020
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
<b>Consumed for alcohol production</b>			
Beverage alcohol .....	3,195	3,862	3,301
Fuel alcohol .....	439,116	401,532	432,713
Dry mill .....	396,666	361,485	387,892
Wet mill .....	42,450	40,047	44,821
Industrial alcohol .....	6,324	6,405	7,053
<b>Consumed for other purposes</b>			
Total wet mill products other than fuel .....	39,577	38,753	38,286

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

Purpose	October 2019	September 2020	October 2020
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Consumed for alcohol production</b>			
Fuel alcohol .....	4,054	(D)	(D)

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

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

Co-products and products	October 2019	September 2020	October 2020
	(tons)	(tons)	(tons)
<b>Dry mill</b>			
Condensed distillers solubles (CDS - syrup) .....	93,867	77,294	82,598
Corn oil (Corn Distillers Oil - CDO) .....	150,112	140,468	160,875
Distillers dried grains (DDG) .....	348,762	341,156	377,960
Distillers dried grains with solubles (DDGS) .....	1,871,852	1,736,318	1,801,395
Distillers wet grains (DWG) 65% or more moisture .....	1,296,708	961,695	1,012,837
Modified distillers wet grains (DWG) 40% to 64% moisture .....	447,475	403,603	416,516
<b>Wet mill</b>			
Corn germ meal .....	51,988	50,401	43,242
Corn gluten feed .....	293,890	284,409	293,793
Corn gluten meal .....	87,589	85,348	108,844
Wet corn gluten feed 40% to 60% moisture .....	233,348	251,199	244,618
<b>Dry and wet mill</b>			
Carbon dioxide captured .....	241,014	185,854	197,696

## 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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