



# Grain Crushings and Co-Products Production

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## Highlights

**July 2020** contained 31 days.

**August 2020** contained 31 days.

**Total corn consumed** for alcohol and other uses was 462 million bushels in August 2020. Total corn consumption was down 3 percent from July 2020 and down 9 percent from August 2019. August 2020 usage included 91.6 percent for alcohol and 8.4 percent for other purposes. Corn consumed for beverage alcohol totaled 3.20 million bushels, down 1 percent from July 2020 and down 4 percent from August 2019. Corn for fuel alcohol, at 411 million bushels, was down 3 percent from July 2020 and down 10 percent from August 2019. Corn consumed in August 2020 for dry milling fuel production and wet milling fuel production was 90.3 percent and 9.7 percent, respectively.

**Dry mill co-product production** of distillers dried grains with solubles (DDGS) was 1.81 million tons during August 2020, down 3 percent from July 2020 and down 10 percent from August 2019. Distillers wet grains (DWG) 65 percent or more moisture was 898,354 tons in August 2020, up 5 percent from July 2020 but down 30 percent from August 2019.

**Wet mill corn gluten feed production** was 260,453 tons during August 2020, down 15 percent from July 2020 and down 15 percent from August 2019. Wet corn gluten feed 40 to 60 percent moisture was 252,006 tons in August 2020, down 5 percent from July 2020 and down 4 percent from August 2019.

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

Purpose	August 2019	July 2020	August 2020
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
<b>Consumed for alcohol production</b>			
Beverage alcohol .....	3,341	3,247	3,201
Fuel alcohol .....	454,633	424,054	411,080
Dry mill .....	410,749	379,063	371,271
Wet mill .....	43,884	44,991	39,809
Industrial alcohol .....	5,929	9,010	8,904
<b>Consumed for other purposes</b>			
Total wet mill products other than fuel .....	43,906	40,689	38,750

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

Purpose	August 2019	July 2020	August 2020
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Consumed for alcohol production</b>			
Fuel alcohol .....	6,115	926	(D)

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

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

Co-products and products	August 2019	July 2020	August 2020
	(tons)	(tons)	(tons)
<b>Dry mill</b>			
Condensed distillers solubles (CDS - syrup) .....	95,690	87,911	82,314
Corn oil (Corn Distillers Oil - CDO) .....	163,646	150,117	146,247
Distillers dried grains (DDG) .....	336,043	335,521	342,654
Distillers dried grains with solubles (DDGS) .....	2,014,491	1,865,131	1,805,450
Distillers wet grains (DWG) 65% or more moisture .....	1,282,770	851,810	898,354
Modified distillers wet grains (DWG) 40% to 64% moisture .....	409,285	375,041	373,476
<b>Wet mill</b>			
Corn germ meal .....	61,915	65,831	53,576
Corn gluten feed .....	306,375	305,196	260,453
Corn gluten meal .....	90,513	93,578	86,406
Wet corn gluten feed 40% to 60% moisture .....	261,243	264,778	252,006
<b>Dry and wet mill</b>			
Carbon dioxide captured .....	266,355	190,869	194,460

## 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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