



# Grain Crushings and Co-Products Production

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## Highlights

**June 2020** contained 30 days.

**July 2020** contained 31 days.

**Total corn consumed** for alcohol and other uses was 477 million bushels in July 2020. Total corn consumption was up 10 percent from June 2020 but down 6 percent from July 2019. July 2020 usage included 91.5 percent for alcohol and 8.5 percent for other purposes. Corn consumed for beverage alcohol totaled 3.23 million bushels, down 11 percent from June 2020 and down 37 percent from July 2019. Corn for fuel alcohol, at 424 million bushels, was up 12 percent from June 2020 but down 6 percent from July 2019. Corn consumed in July 2020 for dry milling fuel production and wet milling fuel production was 89.4 percent and 10.6 percent, respectively.

**Dry mill co-product production** of distillers dried grains with solubles (DDGS) was 1.86 million tons during July 2020, up 12 percent from June 2020 but down 6 percent from July 2019. Distillers wet grains (DWG) 65 percent or more moisture was 859,616 tons in July 2020, up 4 percent from June 2020 but down 28 percent from July 2019.

**Wet mill corn gluten feed production** was 305,196 tons during July 2020, up 4 percent from June 2020 and up 2 percent from July 2019. Wet corn gluten feed 40 to 60 percent moisture was 264,778 tons in July 2020, up 8 percent from June 2020 and up 5 percent from July 2019.

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

Purpose	July 2019	June 2020	July 2020
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
<b>Consumed for alcohol production</b>			
Beverage alcohol .....	5,111	3,649	3,231
Fuel alcohol .....	450,782	379,216	424,370
Dry mill .....	407,328	337,665	379,379
Wet mill .....	43,454	41,551	44,991
Industrial alcohol .....	7,458	9,306	8,903
<b>Consumed for other purposes</b>			
Total wet mill products other than fuel .....	44,229	39,715	40,689

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

Purpose	July 2019	June 2020	July 2020
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Consumed for alcohol production</b>			
Fuel alcohol .....	5,438	1,286	926

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

Co-products and products	July 2019	June 2020	July 2020
	(tons)	(tons)	(tons)
<b>Dry mill</b>			
Condensed distillers solubles (CDS - syrup) .....	108,366	86,247	87,934
Corn oil (Corn Distillers Oil - CDO) .....	165,477	135,720	150,163
Distillers dried grains (DDG) .....	379,689	268,201	335,521
Distillers dried grains with solubles (DDGS) .....	1,985,820	1,664,131	1,864,135
Distillers wet grains (DWG) 65% or more moisture .....	1,197,747	823,718	859,616
Modified distillers wet grains (DWG) 40% to 64% moisture .....	378,821	309,981	375,041
<b>Wet mill</b>			
Corn germ meal .....	72,397	65,113	65,831
Corn gluten feed .....	300,572	294,074	305,196
Corn gluten meal .....	93,494	90,257	93,578
Wet corn gluten feed 40% to 60% moisture .....	252,084	244,097	264,778
<b>Dry and wet mill</b>			
Carbon dioxide captured .....	254,014	184,413	190,869

## 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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