



Grain Crushings and Co-Products Production

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Highlights

June 2021 contained 30 days.

July 2021 contained 31 days.

Total corn consumed for alcohol and other uses was 502 million bushels in July 2021. Total corn consumption was up 2 percent from June 2021 and up 5 percent from July 2020. July 2021 usage included 91.4 percent for alcohol and 8.6 percent for other purposes. Corn consumed for beverage alcohol totaled 3.64 million bushels, down 2 percent from June 2021 but up 12 percent from July 2020. Corn for fuel alcohol, at 449 million bushels, was up 2 percent from June 2021 and up 6 percent from July 2020. Corn consumed in July 2021 for dry milling fuel production and wet milling fuel production was 91.3 percent and 8.7 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.97 million tons during July 2021, up 2 percent from June 2021 and up 6 percent from July 2020. Distillers wet grains (DWG) 65 percent or more moisture was 1.12 million tons in July 2021, up 1 percent from June 2021 and up 22 percent from July 2020.

Wet mill corn gluten feed production was 304,527 tons during July 2021, up 6 percent from June 2021 but down less than 1 percent from July 2020. Wet corn gluten feed 40 to 60 percent moisture was 209,836 tons in July 2021, up 1 percent from June 2021 but down 10 percent from July 2020.

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

Purpose	July 2020	June 2021	July 2021
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,247	3,708	3,642
Fuel alcohol	424,251	439,998	449,121
Dry mill	380,794	403,335	409,826
Wet mill	43,457	36,663	39,295
Industrial alcohol	9,010	6,244	6,065
Consumed for other purposes			
Total wet mill products other than fuel	40,689	41,881	43,370

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

Purpose	July 2020	June 2021	July 2021
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	926	356	411

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

Co-products and products	July 2020	June 2021	July 2021
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	86,911	102,483	88,506
Corn oil (Corn Distillers Oil - CDO)	150,668	171,344	176,712
Distillers dried grains (DDG)	335,521	370,694	341,136
Distillers dried grains with solubles (DDGS)	1,865,131	1,925,037	1,970,139
Distillers wet grains (DWG) 65% or more moisture	917,181	1,114,200	1,122,403
Modified distillers wet grains (DWG) 40% to 64% moisture	375,041	411,900	399,669
Wet mill			
Corn germ meal	65,831	56,403	63,732
Corn gluten feed	305,196	287,839	304,527
Corn gluten meal	93,578	112,189	103,107
Wet corn gluten feed 40% to 60% moisture	234,407	207,751	209,836
Dry and wet mill			
Carbon dioxide captured	190,869	227,969	233,402

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

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- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s 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.

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