



Grain Crushings and Co-Products Production

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Highlights

May 2021 contained 31 days.

June 2021 contained 30 days.

Total corn consumed for alcohol and other uses was 492 million bushels in June 2021. Total corn consumption was down 2 percent from May 2021 but up 14 percent from June 2020. June 2021 usage included 91.5 percent for alcohol and 8.5 percent for other purposes. Corn consumed for beverage alcohol totaled 3.71 million bushels, down 4 percent from May 2021 but up 2 percent from June 2020. Corn for fuel alcohol, at 440 million bushels, was down 2 percent from May 2021 but up 16 percent from June 2020. Corn consumed in June 2021 for dry milling fuel production and wet milling fuel production was 91.7 percent and 8.3 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.93 million tons during June 2021, down 1 percent from May 2021 but up 16 percent from June 2020. Distillers wet grains (DWG) 65 percent or more moisture was 1.11 million tons in June 2021, up 3 percent from May 2021 and up 27 percent from June 2020.

Wet mill corn gluten feed production was 287,839 tons during June 2021, down 4 percent from May 2021 and down 2 percent from June 2020. Wet corn gluten feed 40 to 60 percent moisture was 207,751 tons in June 2021, down less than 1 percent from May 2021 and down 6 percent from June 2020.

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

Purpose	June 2020	May 2021	June 2021
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,649	3,852	3,708
Fuel alcohol	379,246	448,864	439,879
Dry mill	338,741	411,559	403,216
Wet mill	40,505	37,305	36,663
Industrial alcohol	9,515	7,011	6,244
Consumed for other purposes			
Total wet mill products other than fuel	39,715	44,492	41,881

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

Purpose	June 2020	May 2021	June 2021
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	1,286	115	354

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

Co-products and products	June 2020	May 2021	June 2021
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	84,914	95,299	102,483
Corn oil (Corn Distillers Oil - CDO)	136,613	168,904	171,538
Distillers dried grains (DDG)	268,201	380,620	370,694
Distillers dried grains with solubles (DDGS)	1,664,131	1,942,762	1,929,769
Distillers wet grains (DWG) 65% or more moisture	875,894	1,084,238	1,114,200
Modified distillers wet grains (DWG) 40% to 64% moisture	309,981	344,779	411,900
Wet mill			
Corn germ meal	65,113	64,607	56,403
Corn gluten feed	294,074	299,123	287,839
Corn gluten meal	90,257	114,135	112,189
Wet corn gluten feed 40% to 60% moisture	221,935	208,575	207,751
Dry and wet mill			
Carbon dioxide captured	184,413	229,471	227,969

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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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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