



Grain Crushings and Co-Products Production

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Highlights

June 2022 contained 30 days.

July 2022 contained 31 days.

Total corn consumed for alcohol and other uses was 500 million bushels in July 2022. Total corn consumption was up 1 percent from June 2022 but down 1 percent from July 2021. July 2022 usage included 91.3 percent for alcohol and 8.7 percent for other purposes. Corn consumed for beverage alcohol totaled 3.40 million bushels, down 7 percent from June 2022 and down 7 percent from July 2021. Corn for fuel alcohol, at 446 million bushels, was up less than 1 percent from June 2022 but down 1 percent from July 2021. Corn consumed in July 2022 for dry milling fuel production and wet milling fuel production was 92.8 percent and 7.2 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.93 million tons during July 2022, up 1 percent from June 2022 but down 2 percent from July 2021. Distillers wet grains (DWG) 65 percent or more moisture was 1.28 million tons in July 2022, down less than 1 percent from June 2022 but up 14 percent from July 2021.

Wet mill corn gluten feed production was 271,334 tons during July 2022, down 6 percent from June 2022 and down 11 percent from July 2021. Wet corn gluten feed 40 to 60 percent moisture was 221,764 tons in July 2022, up 9 percent from June 2022 and up 6 percent from July 2021.

Dry and Wet Mill, Corn Consumed – United States: July 2022 with Comparisons

Purpose	July 2021	June 2022	July 2022
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,642	3,667	3,399
Fuel alcohol	450,321	444,176	445,723
Dry mill	411,026	407,831	413,611
Wet mill	39,295	36,345	32,112
Industrial alcohol	6,065	5,183	7,188
Consumed for other purposes			
Total wet mill products other than fuel	43,370	41,545	43,481

Dry Mill, Sorghum Consumed – United States: July 2022 with Comparisons

Purpose	July 2021	June 2022	July 2022
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	323	(D)	(D)

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

Dry and Wet Mill, Co-products and Products Produced – United States: July 2022 with Comparisons

Co-products and products	July 2021	June 2022	July 2022
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	88,506	109,555	94,830
Corn oil (Corn Distillers Oil - CDO)	176,712	184,350	187,853
Distillers dried grains (DDG)	341,136	346,591	334,122
Distillers dried grains with solubles (DDGS)	1,970,139	1,918,611	1,934,355
Distillers wet grains (DWG) 65% or more moisture	1,122,403	1,283,359	1,279,210
Modified distillers wet grains (DWG) 40% to 64% moisture	399,669	494,792	495,386
Wet mill			
Corn germ meal	63,732	58,667	57,800
Corn gluten feed	304,527	287,211	271,334
Corn gluten meal	103,107	91,720	105,796
Wet corn gluten feed 40% to 60% moisture	209,836	202,951	221,764
Dry and wet mill			
Carbon dioxide captured	233,402	241,628	240,189

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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