



# Grain Crashings and Co-Products Production

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## Highlights

**March 2022** contained 31 days.

**April 2022** contained 30 days.

**Total corn consumed** for alcohol and other uses was 471 million bushels in April 2022. Total corn consumption was down 7 percent from March 2022 but up 2 percent from April 2021. April 2022 usage included 90.6 percent for alcohol and 9.4 percent for other purposes. Corn consumed for beverage alcohol totaled 3.97 million bushels, down 8 percent from March 2022 but up 9 percent from April 2021. Corn for fuel alcohol, at 415 million bushels, was down 9 percent from March 2022 but up 2 percent from April 2021. Corn consumed in April 2022 for dry milling fuel production and wet milling fuel production was 93.0 percent and 7.0 percent, respectively.

**Dry mill co-product production** of distillers dried grains with solubles (DDGS) was 1.70 million tons during April 2022, down 9 percent from March 2022 and down 4 percent from April 2021. Distillers wet grains (DWG) 65 percent or more moisture was 1.32 million tons in April 2022, down 4 percent from March 2022 but up 22 percent from April 2021.

**Wet mill corn gluten feed production** was 260,710 tons during April 2022, up 4 percent from March 2022 but down 11 percent from April 2021. Wet corn gluten feed 40 to 60 percent moisture was 221,071 tons in April 2022, down 3 percent from March 2022 but up 9 percent from April 2021.

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

Purpose	April 2021	March 2022	April 2022
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
<b>Consumed for alcohol production</b>			
Beverage alcohol .....	3,658	4,330	3,971
Fuel alcohol .....	407,524	453,274	414,731
Dry mill .....	371,265	419,667	385,735
Wet mill .....	36,259	33,607	28,996
Industrial alcohol .....	6,516	8,946	8,529
<b>Consumed for other purposes</b>			
Total wet mill products other than fuel .....	43,517	42,968	44,134

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

Purpose	April 2021	March 2022	April 2022
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Consumed for alcohol production</b>			
Fuel alcohol .....	(D)	(D)	(D)

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

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

Co-products and products	April 2021	March 2022	April 2022
	(tons)	(tons)	(tons)
<b>Dry mill</b>			
Condensed distillers solubles (CDS - syrup) .....	86,074	103,439	106,992
Corn oil (Corn Distillers Oil - CDO) .....	149,431	174,657	163,162
Distillers dried grains (DDG) .....	342,870	372,813	328,691
Distillers dried grains with solubles (DDGS) .....	1,768,002	1,877,338	1,704,698
Distillers wet grains (DWG) 65% or more moisture .....	1,078,944	1,382,790	1,321,275
Modified distillers wet grains (DWG) 40% to 64% moisture .....	373,090	562,599	521,434
<b>Wet mill</b>			
Corn germ meal .....	63,568	61,909	59,351
Corn gluten feed .....	291,558	250,258	260,710
Corn gluten meal .....	113,905	109,130	102,677
Wet corn gluten feed 40% to 60% moisture .....	202,491	226,860	221,071
<b>Dry and wet mill</b>			
Carbon dioxide captured .....	225,169	249,346	220,545

## 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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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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