



# Grain Crushings and Co-Products Production

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## Highlights

**January 2023** contained 31 days.

**February 2023** contained 28 days.

**Total corn consumed** for alcohol and other uses was 444 million bushels in February 2023. Total corn consumption was down 10 percent from January 2023 and down 3 percent from February 2022. February 2023 usage included 91.9 percent for alcohol and 8.1 percent for other purposes. Corn consumed for beverage alcohol totaled 3.36 million bushels, down 45 percent from January 2023 and down 17 percent from February 2022. Corn for fuel alcohol, at 400 million bushels, was down 9 percent from January 2023 and down 2 percent from February 2022. Corn consumed in February 2023 for dry milling fuel production and wet milling fuel production was 91.5 percent and 8.5 percent, respectively.

**Dry mill co-product production** of distillers dried grains with solubles (DDGS) was 1.56 million tons during February 2023, down 9 percent from January 2023 and down 8 percent from February 2022. Distillers wet grains (DWG) 65 percent or more moisture was 1.16 million tons in February 2023, down 8 percent from January 2023 and down 11 percent from February 2022.

**Wet mill corn gluten feed production** was 247,817 tons during February 2023, down 8 percent from January 2023 but up 4 percent from February 2022. Wet corn gluten feed 40 to 60 percent moisture was 185,051 tons in February 2023, down 11 percent from January 2023 and down 3 percent from February 2022.

### Dry and Wet Mill, Corn Consumed – United States: February 2023 with Comparisons

Purpose	February 2022	January 2023	February 2023
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
<b>Consumed for alcohol production</b>			
Beverage alcohol .....	4,061	6,082	3,362
Fuel alcohol .....	406,075	440,961	399,844
Dry mill .....	378,454	403,891	365,843
Wet mill .....	27,621	37,070	34,001
Industrial alcohol .....	7,119	5,582	4,970
<b>Consumed for other purposes</b>			
Total wet mill products other than fuel .....	38,464	38,839	35,844

### Dry Mill, Sorghum Consumed – United States: February 2023 with Comparisons

Purpose	February 2022	January 2023	February 2023
	(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: February 2023 with Comparisons

Co-products and products	February 2022	January 2023	February 2023
	(tons)	(tons)	(tons)
<b>Dry mill</b>			
Condensed distillers solubles (CDS - syrup) .....	103,037	100,116	77,506
Corn oil (Corn Distillers Oil - CDO) .....	154,933	172,399	160,215
Distillers dried grains (DDG) .....	303,788	374,753	338,869
Distillers dried grains with solubles (DDGS) .....	1,693,253	1,714,389	1,560,717
Distillers wet grains (DWG) 65% or more moisture .....	1,293,312	1,262,056	1,156,102
Modified distillers wet grains (DWG) 40% to 64% moisture .....	492,839	582,926	466,269
<b>Wet mill</b>			
Corn germ meal .....	48,016	48,319	40,619
Corn gluten feed .....	237,555	268,446	247,817
Corn gluten meal .....	78,040	117,945	108,496
Wet corn gluten feed 40% to 60% moisture .....	190,577	208,090	185,051
<b>Dry and wet mill</b>			
Carbon dioxide captured .....	227,188	213,294	195,862

## 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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