



# Grain Crushings and Co-Products Production

ISSN: 2377-3855

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Released March 1, 2024, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## Highlights

**December 2023** contained 31 days.

**January 2024** contained 31 days.

**Total corn consumed** for alcohol and other uses was 477 million bushels in January 2024. Total corn consumption was down 10 percent from December 2023 and down 3 percent from January 2023. January 2024 usage included 92.8 percent for alcohol and 7.2 percent for other purposes. Corn consumed for beverage alcohol totaled 4.00 million bushels, up 5 percent from December 2023 but down 34 percent from January 2023. Corn for fuel alcohol, at 434 million bushels, was down 10 percent from December 2023 and down 2 percent from January 2023. Corn consumed in January 2024 for dry milling fuel production and wet milling fuel production was 92.4 percent and 7.6 percent, respectively.

**Dry mill co-product production** of distillers dried grains with solubles (DDGS) was 1.76 million tons during January 2024, down 10 percent from December 2023 but up 3 percent from January 2023. Distillers wet grains (DWG) 65 percent or more moisture was 1.30 million tons in January 2024, down 7 percent from December 2023 but up 3 percent from January 2023.

**Wet mill corn gluten feed production** was 225,691 tons during January 2024, down 8 percent from December 2023 and down 16 percent from January 2023. Wet corn gluten feed 40 to 60 percent moisture was 200,086 tons in January 2024, down 5 percent from December 2023 and down 4 percent from January 2023.

## Dry and Wet Mill, Corn Consumed – United States: January 2024 with Comparisons

Purpose	January 2023	December 2023	January 2024
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
<b>Consumed for alcohol production</b>			
Beverage alcohol .....	6,082	3,795	3,999
Fuel alcohol .....	440,961	483,999	433,596
Dry mill .....	403,891	444,899	400,484
Wet mill .....	37,070	39,100	33,112
Industrial alcohol .....	5,582	6,361	5,228
<b>Consumed for other purposes</b>			
Total wet mill products other than fuel .....	38,839	37,002	34,404

## Dry and Wet Mill, Co-products and Products Produced – United States: January 2024 with Comparisons

Co-products and products	January 2023	December 2023	January 2024
	(tons)	(tons)	(tons)
<b>Dry mill</b>			
Condensed distillers solubles (CDS - syrup) .....	100,116	95,804	93,416
Corn oil (Corn Distillers Oil - CDO) .....	172,399	184,244	170,338
Distillers dried grains (DDG) .....	374,753	388,932	366,738
Distillers dried grains with solubles (DDGS) .....	1,714,389	1,949,450	1,763,387
Distillers wet grains (DWG) 65% or more moisture .....	1,262,056	1,398,380	1,300,332
Modified distillers wet grains (DWG) 40% to 64% moisture .....	582,926	482,524	474,498
<b>Wet mill</b>			
Corn germ meal .....	48,319	56,349	53,813
Corn gluten feed .....	268,446	245,983	225,691
Corn gluten meal .....	117,945	113,012	104,117
Wet corn gluten feed 40% to 60% moisture .....	208,090	209,818	200,086
<b>Dry and wet mill</b>			
Carbon dioxide captured .....	213,294	205,725	199,797

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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