



Grain Crushings and Co-Products Production

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Highlights

January 2024 contained 31 days.

February 2024 contained 29 days.

Total corn consumed for alcohol and other uses was 492 million bushels in February 2024. Total corn consumption was up 2 percent from January 2024 and up 11 percent from February 2023. February 2024 usage included 92.1 percent for alcohol and 7.9 percent for other purposes. Corn consumed for beverage alcohol totaled 4.54 million bushels, up 13 percent from January 2024 and up 35 percent from February 2023. Corn for fuel alcohol, at 442 million bushels, was up less than 1 percent from January 2024 and up 11 percent from February 2023. Corn consumed in February 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 1.81 million tons during February 2024, up 3 percent from January 2024 and up 16 percent from February 2023. Distillers wet grains (DWG) 65 percent or more moisture was 1.17 million tons in February 2024, down 10 percent from January 2024 but up 1 percent from February 2023.

Wet mill corn gluten feed production was 254,386 tons during February 2024, up 13 percent from January 2024 and up 3 percent from February 2023. Wet corn gluten feed 40 to 60 percent moisture was 207,421 tons in February 2024, up 4 percent from January 2024 and up 12 percent from February 2023.

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

| Purpose | February 2023 | January 2024 | February 2024 |
|---|-----------------|-----------------|-----------------|
| | (1,000 bushels) | (1,000 bushels) | (1,000 bushels) |
| Consumed for alcohol production | | | |
| Beverage alcohol | 3,362 | 3,999 | 4,535 |
| Fuel alcohol | 398,753 | 441,076 | 441,535 |
| Dry mill | 364,752 | 407,964 | 407,928 |
| Wet mill | 34,001 | 33,112 | 33,607 |
| Industrial alcohol | 4,970 | 5,228 | 7,413 |
| Consumed for other purposes | | | |
| Total wet mill products other than fuel | 35,844 | 34,404 | 38,865 |

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

| Co-products and products | February 2023 | January 2024 | February 2024 |
|--|---------------|--------------|---------------|
| | (tons) | (tons) | (tons) |
| Dry mill | | | |
| Condensed distillers solubles (CDS - syrup) | 77,506 | 93,349 | 84,760 |
| Corn oil (Corn Distillers Oil - CDO) | 160,215 | 170,549 | 174,883 |
| Distillers dried grains (DDG) | 338,869 | 366,738 | 371,639 |
| Distillers dried grains with solubles (DDGS) | 1,560,717 | 1,763,387 | 1,811,166 |
| Distillers wet grains (DWG) 65% or more moisture | 1,156,102 | 1,302,556 | 1,172,818 |
| Modified distillers wet grains (DWG) 40% to 64% moisture | 466,269 | 474,498 | 456,737 |
| Wet mill | | | |
| Corn germ meal | 44,421 | 53,813 | 58,546 |
| Corn gluten feed | 247,817 | 225,691 | 254,386 |
| Corn gluten meal | 108,496 | 104,117 | 112,564 |
| Wet corn gluten feed 40% to 60% moisture | 185,051 | 200,086 | 207,421 |
| Dry and wet mill | | | |
| Carbon dioxide captured | 195,862 | 200,947 | 206,229 |

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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