



# Grain Crushings and Co-Products Production

ISSN: 2377-3855

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Released April 1, 2020, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## Highlights

**January 2020** contained 31 days.

**February 2020** contained 29 days.

**Total corn consumed** for alcohol and other uses was 481 million bushels in February 2020. Total corn consumption was down 7 percent from January 2020 but up 7 percent from February 2019. February 2020 usage included 92.1 percent for alcohol and 7.9 percent for other purposes. Corn consumed for beverage alcohol totaled 2.62 million bushels, down 3 percent from January 2020 and down 4 percent from February 2019. Corn for fuel alcohol, at 434 million bushels, was down 8 percent from January 2020 but up 8 percent from February 2019. Corn consumed in February 2020 for dry milling fuel production and wet milling fuel production was 90.0 percent and 10.0 percent, respectively.

**Dry mill co-product production** of distillers dried grains with solubles (DDGS) was 1.82 million tons during February 2020, down 7 percent from January 2020 but up 7 percent from February 2019. Distillers wet grains (DWG) 65 percent or more moisture was 1.17 million tons in February 2020, down 15 percent from January 2020 and down 3 percent from February 2019.

**Wet mill corn gluten feed production** was 281,160 tons during February 2020, down 9 percent from January 2020 but up 12 percent from February 2019. Wet corn gluten feed 40 to 60 percent moisture was 235,941 tons in February 2020, down 9 percent from January 2020 but up 5 percent from February 2019.

## Dry and Wet Mill, Corn Consumed – United States: February 2020 with Comparisons

Purpose	February 2019	January 2020	February 2020
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
<b>Consumed for alcohol production</b>			
Beverage alcohol .....	2,740	2,699	2,617
Fuel alcohol .....	402,894	469,463	433,862
Dry mill .....	367,273	422,564	390,458
Wet mill .....	35,621	46,899	43,404
Industrial alcohol .....	6,157	6,776	6,809
<b>Consumed for other purposes</b>			
Total wet mill products other than fuel .....	37,285	40,462	38,197

## Dry Mill, Sorghum Consumed – United States: February 2020 with Comparisons

Purpose	February 2019	January 2020	February 2020
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Consumed for alcohol production</b>			
Fuel alcohol .....	5,054	4,967	5,857

## Dry and Wet Mill, Co-products and Products Produced – United States: February 2020 with Comparisons

Co-products and products	February 2019	January 2020	February 2020
	(tons)	(tons)	(tons)
<b>Dry mill</b>			
Condensed distillers solubles (CDS - syrup) .....	109,504	121,740	101,367
Corn oil (Corn Distillers Oil - CDO) .....	132,627	151,162	148,853
Distillers dried grains (DDG) .....	336,464	358,478	328,113
Distillers dried grains with solubles (DDGS) .....	1,691,758	1,950,153	1,817,805
Distillers wet grains (DWG) 65% or more moisture .....	1,213,815	1,387,512	1,173,501
Modified distillers wet grains (DWG) 40% to 64% moisture .....	427,761	476,126	469,444
<b>Wet mill</b>			
Corn germ meal .....	56,218	68,154	63,305
Corn gluten feed .....	250,857	308,081	281,160
Corn gluten meal .....	77,454	93,097	88,021
Wet corn gluten feed 40% to 60% moisture .....	224,333	258,481	235,941
<b>Dry and wet mill</b>			
Carbon dioxide captured .....	221,058	216,915	211,775

## 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@nass.usda.gov](mailto:nass@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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