



# Grain Crushings and Co-Products Production

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## Highlights

**December 2019** contained 31 days.

**January 2020** contained 31 days.

**Total corn consumed** for alcohol and other uses was 519 million bushels in January 2020. Total corn consumption was down 2 percent from December 2019 but up 5 percent from January 2019. January 2020 usage included 92.2 percent for alcohol and 7.8 percent for other purposes. Corn consumed for beverage alcohol totaled 2.70 million bushels, down 17 percent from December 2019 and down 6 percent from January 2019. Corn for fuel alcohol, at 469 million bushels, was down 2 percent from December 2019 but up 6 percent from January 2019. Corn consumed in January 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 1.95 million tons during January 2020, up 2 percent from December 2019 and up 7 percent from January 2019. Distillers wet grains (DWG) 65 percent or more moisture was 1.39 million tons in January 2020, down 1 percent from December 2019 but up 2 percent from January 2019.

**Wet mill corn gluten feed production** was 308,081 tons during January 2020, up 1 percent from December 2019 and up 17 percent from January 2019. Wet corn gluten feed 40 to 60 percent moisture was 258,481 tons in January 2020, up less than 1 percent from December 2019 and up 2 percent from January 2019.

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

Purpose	January 2019	December 2019	January 2020
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
<b>Consumed for alcohol production</b>			
Beverage alcohol .....	2,869	3,239	2,699
Fuel alcohol .....	444,016	479,214	469,463
Dry mill .....	405,454	431,514	422,564
Wet mill .....	38,562	47,700	46,899
Industrial alcohol .....	6,787	6,804	6,776
<b>Consumed for other purposes</b>			
Total wet mill products other than fuel .....	38,948	40,958	40,462

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

Purpose	January 2019	December 2019	January 2020
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Consumed for alcohol production</b>			
Fuel alcohol .....	4,883	5,341	4,967

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

Co-products and products	January 2019	December 2019	January 2020
	(tons)	(tons)	(tons)
<b>Dry mill</b>			
Condensed distillers solubles (CDS - syrup) .....	118,145	101,158	121,740
Corn oil (Corn Distillers Oil - CDO) .....	148,896	165,210	151,162
Distillers dried grains (DDG) .....	369,647	388,156	358,478
Distillers dried grains with solubles (DDGS) .....	1,822,623	1,908,251	1,950,153
Distillers wet grains (DWG) 65% or more moisture .....	1,357,504	1,403,875	1,387,512
Modified distillers wet grains (DWG) 40% to 64% moisture .....	469,787	493,170	476,126
<b>Wet mill</b>			
Corn germ meal .....	61,166	68,957	68,154
Corn gluten feed .....	263,218	306,318	308,081
Corn gluten meal .....	84,214	93,644	93,097
Wet corn gluten feed 40% to 60% moisture .....	253,103	257,381	258,481
<b>Dry and wet mill</b>			
Carbon dioxide captured .....	262,241	220,510	216,915

## 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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