



Grain Crushings and Co-Products Production

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Highlights

February 2022 contained 28 days.

March 2022 contained 31 days.

Total corn consumed for alcohol and other uses was 511 million bushels in March 2022. Total corn consumption was up 12 percent from February 2022 and up 8 percent from March 2021. March 2022 usage included 91.6 percent for alcohol and 8.4 percent for other purposes. Corn consumed for beverage alcohol totaled 4.33 million bushels, up 7 percent from February 2022 and up 16 percent from March 2021. Corn for fuel alcohol, at 455 million bushels, was up 12 percent from February 2022 and up 8 percent from March 2021. Corn consumed in March 2022 for dry milling fuel production and wet milling fuel production was 92.6 percent and 7.4 percent, respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.88 million tons during March 2022, up 11 percent from February 2022 and up 4 percent from March 2021. Distillers wet grains (DWG) 65 percent or more moisture was 1.38 million tons in March 2022, up 7 percent from February 2022 and up 24 percent from March 2021.

Wet mill corn gluten feed production was 250,258 tons during March 2022, up 5 percent from February 2022 but down 6 percent from March 2021. Wet corn gluten feed 40 to 60 percent moisture was 226,860 tons in March 2022, up 19 percent from February 2022 and up 10 percent from March 2021.

Dry and Wet Mill, Corn Consumed – United States: March 2022 with Comparisons

Purpose	March 2021	February 2022	March 2022
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,721	4,061	4,330
Fuel alcohol	420,374	406,075	454,942
Dry mill	384,842	378,454	421,335
Wet mill	35,532	27,621	33,607
Industrial alcohol	7,445	7,119	8,946
Consumed for other purposes			
Total wet mill products other than fuel	42,159	38,464	42,968

Dry Mill, Sorghum Consumed – United States: March 2022 with Comparisons

Purpose	March 2021	February 2022	March 2022
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	-	(D)	(D)

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

Dry and Wet Mill, Co-products and Products Produced – United States: March 2022 with Comparisons

Co-products and products	March 2021	February 2022	March 2022
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	90,530	103,037	103,439
Corn oil (Corn Distillers Oil - CDO)	156,903	154,933	174,657
Distillers dried grains (DDG)	368,075	303,788	372,813
Distillers dried grains with solubles (DDGS)	1,803,494	1,693,253	1,877,338
Distillers wet grains (DWG) 65% or more moisture	1,114,039	1,293,312	1,382,790
Modified distillers wet grains (DWG) 40% to 64% moisture	391,913	492,839	562,599
Wet mill			
Corn germ meal	50,088	48,016	61,909
Corn gluten feed	266,308	237,555	250,258
Corn gluten meal	113,365	78,040	109,130
Wet corn gluten feed 40% to 60% moisture	206,831	190,577	226,860
Dry and wet mill			
Carbon dioxide captured	237,819	227,188	249,346

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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