



# Grain Crushings and Co-Products Production

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## Highlights

**May 2016** contained 31 days.

**June 2016** contained 30 days.

**Total corn consumed** for alcohol and other uses was 472 million bushels in June 2016. Total corn consumption was down 1 percent from May 2016 and down 4 percent from June 2015. June 2016 usage included 90.9 percent for alcohol and 9.1 percent for other purposes. Corn for beverage alcohol totaled 2.60 million bushels, down 9 percent from May 2016 but up 4 percent from June 2015. Corn for fuel alcohol, at 421 million bushels, was down 1 percent from May 2016 and down 5 percent from June 2015. Corn consumed in June 2016 for dry milling fuel production and wet milling fuel production was 89.4 percent and 10.6 percent respectively.

**Dry mill co-product production** of distillers dried grains with solubles (DDGS) was 1.89 million tons during June 2016, up 3 percent from May 2016 but down 3 percent from June 2015. Distillers wet grains (DWG) 65 percent or more moisture was 1.22 million tons in June 2016, down 1 percent from May 2016 and down 5 percent from June 2015.

**Wet mill corn gluten feed production** was 332 thousand tons during June 2016, down slightly from May 2016 but up 3 percent from June 2015. Wet corn gluten feed 40 to 60 percent moisture was 312 thousand tons in June 2016, up 2 percent from May 2016 and up 3 percent from June 2015.

## Dry and Wet Mill, Corn Consumed – United States: June 2016 with Comparisons

Purpose	June 2015	May 2016	June 2016
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
<b>Consumed for alcohol production</b>			
Beverage alcohol .....	2,492	2,846	2,600
Fuel alcohol .....	441,272	425,783	421,313
Dry mill .....	395,704	379,573	376,552
Wet mill .....	45,568	46,210	44,761
Industrial alcohol .....	6,857	5,923	5,005
<b>Consumed for other purposes</b>			
Total wet mill products other than fuel .....	42,851	44,555	43,026

## Dry Mill, Sorghum Consumed – United States: June 2016 with Comparisons

Purpose	June 2015	May 2016	June 2016
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Consumed for alcohol production</b>			
Fuel alcohol .....	-	6,301	5,978

- Represents zero.

## Dry and Wet Mill, Co-products and Products Produced – United States: June 2016 with Comparisons

Co-products and products	June 2015	May 2016	June 2016
	(tons)	(tons)	(tons)
<b>Dry mill</b>			
Condensed distillers solubles (CDS - syrup) .....	146,523	131,318	132,798
Corn oil (Corn Distillers Oil - CDO) .....	119,146	121,699	127,127
Distillers dried grains (DDG) .....	407,259	411,467	392,438
Distillers dried grains with solubles (DDGS) .....	1,950,214	1,845,238	1,893,704
Distillers wet grains (DWG) 65% or more moisture .....	1,280,651	1,234,315	1,217,889
Modified distillers wet grains (DWG) 40% to 64% moisture .....	364,385	424,812	361,368
<b>Wet mill</b>			
Corn germ meal .....	63,188	63,859	58,121
Corn gluten feed .....	321,209	332,975	331,812
Corn gluten meal .....	92,237	88,177	84,034
Corn oil .....	51,281	50,262	48,531
Wet corn gluten feed 40% to 60% moisture .....	304,024	306,424	312,497
<b>Dry and wet mill</b>			
Carbon dioxide captured .....	214,995	206,273	231,538

## 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 Environmental, Economics, and Demographics 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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