



# Grain Crushings and Co-Products Production

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## Special Note

The *Grain Crushings and Co-Products Production* publication is a product of NASS's Current Agricultural Industrial Reports (CAIR) program. CAIR will provide a data series that was previously made available by the United States Census Bureau's Current Industrial Reports (CIR) program but discontinued in 2011. For the details on the CAIR program see,

[http://www.nass.usda.gov/Surveys/Guide\\_to\\_NASS\\_Surveys/Current\\_Agricultural\\_Industrial\\_Reports/index.asp](http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Current_Agricultural_Industrial_Reports/index.asp).

## Highlights

**May 2015** contained 31 days.

**June 2015** contained 30 days.

**July 2015** contained 31 days.

**Total corn consumed** for alcohol and other uses was 501.0 million bushels in July 2015. Total corn consumption was up 2 percent from June 2015 but down 1 percent from May 2015. July usage included 91.2 percent for alcohol and 8.8 percent for other purposes. Corn for beverage alcohol totaled 2.65 million bushels, up 6 percent from June but down 18 percent from May. Corn for fuel alcohol, at 448.0 million bushels, was up 2 percent from June but down slightly from May. Corn consumed in July 2015 for dry milling fuel production and wet milling fuel production was 89.5 percent and 10.5 percent respectively.

**Dry mill co-product production** of distillers dried grains with solubles (DDGS) was 2.00 million tons during July 2015, up 1 percent from June 2015 and up 6 percent from May 2015. Distillers wet grains (DWG) 65 percent or more moisture was 1.14 million tons in July 2015, up slightly from June 2015 but down 7 percent from May 2015.

**Wet mill corn gluten feed production** was 333.8 thousand tons during July 2015, up 4 percent from June 2015 but down 5 percent from May 2015. Wet corn gluten feed 40 to 60 percent moisture was 315.1 thousand tons in July 2015, up 3 percent from June 2015 but down 3 percent from May 2015.

## Dry and Wet Mill, Corn Consumed – United States: May 2015 - July 2015

Purpose	May 2015	June 2015	July 2015
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
<b>Consumed for alcohol production</b>			
Beverage alcohol .....	3,234	2,492	2,645
Fuel alcohol .....	450,218	441,201	448,022
Dry mill .....	402,828	395,633	401,045
Wet mill .....	47,390	45,568	46,977
Industrial alcohol .....	5,701	6,857	6,207
<b>Consumed for other purposes</b>			
Total wet mill products other than fuel .....	47,918	42,851	44,139

## Dry Mill, Sorghum Consumed – United States: May 2015 - July 2015

Purpose	May 2015	June 2015	July 2015
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Consumed for alcohol production</b>			
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: May 2015 - July 2015

Co-products and products	May 2015	June 2015	July 2015
	(tons)	(tons)	(tons)
<b>Dry mill</b>			
Condensed distillers solubles (CDS - syrup) .....	148,637	145,244	149,927
Corn oil .....	118,281	120,582	125,497
Distillers dried grains (DDG) .....	418,448	407,259	450,829
Distillers dried grains with solubles (DDGS) .....	1,892,983	1,976,508	2,000,851
Distillers wet grains (DWG) 65% or more moisture .....	1,228,598	1,136,491	1,137,600
Modified distillers wet grains (DWG) 40% to 64% moisture .....	417,888	367,092	350,460
<b>Wet mill</b>			
Corn germ meal .....	69,135	63,188	68,528
Corn gluten feed .....	350,141	321,209	333,828
Corn gluten meal .....	97,295	92,237	97,130
Corn oil .....	53,208	51,281	53,364
Wet corn gluten feed 40% to 60% moisture .....	325,292	306,354	315,090
<b>Dry and wet mill</b>			
Carbon dioxide captured .....	203,119	214,995	225,675

## 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. The first annual summary will be published in March of 2016.

**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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