



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.

Highlights

June 2015 contained 30 days.

July 2015 contained 31 days.

August 2015 contained 31 days.

Total corn consumed for alcohol and other uses was 497.1 million bushels in August 2015. Total corn consumption was down 1 percent from July 2015 but up 1 percent from June 2015. August usage included 91.4 percent for alcohol and 8.6 percent for other purposes. Corn for beverage alcohol totaled 3.13 million bushels, up 18 percent from July and up 26 percent from June. Corn for fuel alcohol, at 445.2 million bushels, was down 1 percent from July but up 1 percent from June. Corn consumed in August 2015 for dry milling fuel production and wet milling fuel production was 89.3 percent and 10.7 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.94 million tons during August 2015, down 3 percent from July 2015 and down 2 percent from June 2015. Distillers wet grains (DWG) 65 percent or more moisture was 1.15 million tons in August 2015, up 1 percent from July 2015 and up 1 percent from June 2015.

Wet mill corn gluten feed production was 343.5 thousand tons during August 2015, up 3 percent from July 2015 and up 7 percent from June 2015. Wet corn gluten feed 40 to 60 percent moisture was 290.7 thousand tons in August 2015, down 8 percent from July 2015 and down 5 percent from June 2015.

Dry and Wet Mill, Corn Consumed – United States: June 2015 - August 2015

Purpose	June 2015	July 2015	August 2015
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,492	2,645	3,129
Fuel alcohol	441,201	448,022	445,161
Dry mill	395,633	401,045	397,665
Wet mill	45,568	46,977	47,496
Industrial alcohol	6,857	6,207	6,336
Consumed for other purposes			
Total wet mill products other than fuel	42,851	44,139	42,510

Dry Mill, Sorghum Consumed – United States: June 2015 - August 2015

Purpose	June 2015	July 2015	August 2015
	(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: June 2015 - August 2015

Co-products and products	June 2015	July 2015	August 2015
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	145,244	149,927	155,218
Corn oil	120,582	125,497	121,810
Distillers dried grains (DDG)	407,259	450,829	452,969
Distillers dried grains with solubles (DDGS)	1,976,508	2,000,851	1,943,205
Distillers wet grains (DWG) 65% or more moisture	1,136,491	1,137,600	1,151,047
Modified distillers wet grains (DWG) 40% to 64% moisture	367,092	350,460	341,837
Wet mill			
Corn germ meal	63,188	68,528	66,563
Corn gluten feed	321,209	333,828	343,476
Corn gluten meal	92,237	97,130	96,072
Corn oil	51,281	53,364	52,514
Wet corn gluten feed 40% to 60% moisture	306,354	315,090	290,652
Dry and wet mill			
Carbon dioxide captured	214,995	225,675	217,778

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.

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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@nass.usda.gov.

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