



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

Highlights

July 2015 contained 31 days.

August 2015 contained 31 days.

September 2015 contained 30 days.

Total corn consumed for alcohol and other uses was 478.6 million bushels in September 2015. Total corn consumption was down 4 percent from August 2015 and down 4 percent from July 2015. September usage included 91.2 percent for alcohol and 8.8 percent for other purposes. Corn for beverage alcohol totaled 3.48 million bushels, up 11 percent from August and up 31 percent from July. Corn for fuel alcohol, at 427.5 million bushels, was down 4 percent from August and down 5 percent from July. Corn consumed in September 2015 for dry milling fuel production and wet milling fuel production was 89.8 percent and 10.2 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.91 million tons during September 2015, down 3 percent from August 2015 and down 5 percent from July 2015. Distillers wet grains (DWG) 65 percent or more moisture was 1.17 million tons in September 2015, up 1 percent from August 2015 and up 2 percent from July 2015.

Wet mill corn gluten feed production was 312.5 thousand tons during September 2015, down 9 percent from August 2015 and down 6 percent from July 2015. Wet corn gluten feed 40 to 60 percent moisture was 286.6 thousand tons in September 2015, down 1 percent from August 2015 and down 9 percent from July 2015.

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

Purpose	July 2015	August 2015	September 2015
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,645	3,129	3,478
Fuel alcohol	448,022	446,853	427,500
Dry mill	401,045	399,357	383,792
Wet mill	46,977	47,496	43,708
Industrial alcohol	6,207	6,336	5,673
Consumed for other purposes			
Total wet mill products other than fuel	44,139	42,510	41,906

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

Purpose	July 2015	August 2015	September 2015
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	(D)	(D)	(D)

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

Dry and Wet Mill, Co-products and Products Produced – United States: July 2015 - September 2015

Co-products and products	July 2015	August 2015	September 2015
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	149,927	156,262	156,935
Corn oil	125,497	121,810	117,622
Distillers dried grains (DDG)	450,829	452,969	420,458
Distillers dried grains with solubles (DDGS)	2,000,851	1,961,145	1,907,470
Distillers wet grains (DWG) 65% or more moisture	1,137,600	1,151,297	1,165,422
Modified distillers wet grains (DWG) 40% to 64% moisture	350,460	341,837	369,209
Wet mill			
Corn germ meal	68,528	66,563	56,106
Corn gluten feed	333,828	343,476	312,543
Corn gluten meal	97,130	96,072	86,522
Corn oil	53,364	52,514	42,605
Wet corn gluten feed 40% to 60% moisture	315,090	290,652	286,615
Dry and wet mill			
Carbon dioxide captured	225,675	224,982	210,625

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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