



Grain Crushings and Co-Products Production

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Highlights

May 2015 contained 31 days.

April 2016 contained 30 days.

May 2016 contained 31 days.

Total corn consumed for alcohol and other uses was 479 million bushels in May 2016. Total corn consumption was up 7 percent from April 2016 but down 5 percent from May 2015. May 2016 usage included 90.7 percent for alcohol and 9.3 percent for other purposes. Corn for beverage alcohol totaled 2.85 million bushels, up 6 percent from April 2016 but down 12 percent from May 2015. Corn for fuel alcohol, at 426 million bushels, was up 8 percent from April 2016 but down 5 percent from May 2015. Corn consumed in May 2016 for dry milling fuel production and wet milling fuel production was 89.1 percent and 10.9 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.84 million tons during May 2016, up 7 percent from April 2016 but down 1 percent from May 2015. Distillers wet grains (DWG) 65 percent or more moisture was 1.23 million tons in May 2016, down 2 percent from April 2016 and down 10 percent from May 2015.

Wet mill corn gluten feed production was 333 thousand tons during May 2016, up 9 percent from April 2016 but down 4 percent from May 2015. Wet corn gluten feed 40 to 60 percent moisture was 306 thousand tons in May 2016, up 2 percent from April 2016 but down 5 percent from May 2015.

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

Purpose	May 2015	April 2016	May 2016
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,234	2,689	2,846
Fuel alcohol	448,984	394,425	425,677
Dry mill	401,263	352,085	379,467
Wet mill	47,721	42,340	46,210
Industrial alcohol	5,701	6,173	5,923
Consumed for other purposes			
Total wet mill products other than fuel	47,625	43,587	44,555

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

Purpose	May 2015	April 2016	May 2016
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	(D)	7,337	6,119

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

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

Co-products and products	May 2015	April 2016	May 2016
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	148,757	130,324	131,318
Corn oil (Corn Distillers Oil - CDO)	117,049	111,077	121,699
Distillers dried grains (DDG)	418,448	374,750	411,467
Distillers dried grains with solubles (DDGS)	1,861,795	1,717,024	1,842,182
Distillers wet grains (DWG) 65% or more moisture	1,368,926	1,264,745	1,234,315
Modified distillers wet grains (DWG) 40% to 64% moisture	414,956	429,972	425,532
Wet mill			
Corn germ meal	69,274	67,530	63,859
Corn gluten feed	348,355	306,464	332,975
Corn gluten meal	97,139	84,916	88,177
Corn oil	53,208	51,455	50,262
Wet corn gluten feed 40% to 60% moisture	323,436	301,283	306,424
Dry and wet mill			
Carbon dioxide captured	203,119	199,101	203,268

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.

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