Grain Crushings and Co-Products Production

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Highlights

April 2017 contained 30 days.
May 2017 contained 31 days.

Total corn consumed for alcohol and other uses was 508 million bushels in May 2017. Total corn consumption was up 3 percent from April 2017 and up 6 percent from May 2016. May 2017 usage included 90.9 percent for alcohol and 9.1 percent for other purposes. Corn consumed for beverage alcohol totaled 3.08 million bushels, up 3 percent from April 2017 and up 8 percent from May 2016. Corn for fuel alcohol, at 452 million bushels, was up 3 percent from April 2017 and up 6 percent from May 2016. Corn consumed in May 2017 for dry milling fuel production and wet milling fuel production was 89.6 percent and 10.4 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.91 million tons during May 2017, up 9 percent from April 2017 and up 3 percent from May 2016. Distillers wet grains (DWG) 65 percent or more moisture was 1.36 million tons in May 2017, up 5 percent from April 2017 and up 10 percent from May 2016.

Wet mill corn gluten feed production was 341 thousand tons during May 2017, down 2 percent from April 2017 but up 2 percent from May 2016. Wet corn gluten feed 40 to 60 percent moisture was 314 thousand tons in May 2017, up 11 percent from April 2017 and up 2 percent from May 2016.

Dry and Wet Mill, Corn Consumed – United States: May 2017 with Comparisons

Purpose	May 2016	April 2017	May 2017
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,846	2,987	3,077
Fuel alcohol	425,684	440,789	452,409
Dry mill	379,474	393,645	405,459
Wet mill	46,210	47,144	46,950
Industrial alcohol	5,923	7,218	6,463
Consumed for other purposes			
Total wet mill products other than fuel	44,555	44,780	46,462

Dry Mill, Sorghum Consumed – United States: May 2017 with Comparisons

Purpose	May 2016	April 2017	May 2017
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	6,301	5,497	6,909

Dry and Wet Mill, Co-products and Products Produced – United States: May 2017 with Comparisons

Co-products and products	May 2016	April 2017	May 2017
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	131,318	118,242	146,225
Corn oil (Corn Distillers Oil - CDO)	125,311	132,804	148,544
Distillers dried grains (DDG)	411,467	437,914	435,640
Distillers dried grains with solubles (DDGS)	1,845,238	1,752,270	1,906,470
Distillers wet grains (DWG) 65% or more moisture	1,234,315	1,301,416	1,361,686
Modified distillers wet grains (DWG) 40% to 64% moisture	425,343	431,983	460,831
Wet mill			
Corn germ meal	63,859	60,519	63,302
Corn gluten feed	332,975	346,377	341,167
Corn gluten meal	88,177	90,133	91,895
Wet corn gluten feed 40% to 60% moisture	306,424	283,835	313,876
Dry and wet mill			
Carbon dioxide captured	203,264	200,431	201,035

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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