Grain Crushings and Co-Products Production

ISSN: 2377-3855

Released March 1, 2017, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Highlights

December 2016 contained 31 days.
January 2017 contained 31 days.

Total corn consumed for alcohol and other uses was 530 million bushels in January 2017. Total corn consumption was up 7 percent from January 2016. January 2017 usage included 91.8 percent for alcohol and 8.2 percent for other purposes. Corn consumed for beverage alcohol totaled 2.42 million bushels, down 23 percent from January 2016. Corn consumed for fuel alcohol, at 476 million bushels, was up slightly from December 2016 and up 7 percent from January 2016. Corn consumed in January 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 2.07 million tons during January 2017, up 9 percent from January 2016. Distillers wet grains (DWG) 65 percent or more moisture was 1.39 million tons in January 2017, up 6 percent from January 2016.

Wet mill corn gluten feed production was 347 thousand tons during January 2017, down 1 percent from December 2016 but up 9 percent from January 2016. Wet corn gluten feed 40 to 60 percent moisture was 315 thousand tons in January 2017, up 8 percent from January 2016.

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

Purpose	January 2016	December 2016	January 2017
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,141	2,595	2,424
Fuel alcohol	444,036	473,997	476,343
Dry mill	397,028	424,893	426,971
Wet mill	47,008	49,104	49,372
Industrial alcohol	5,505	6,108	7,615
Consumed for other purposes			
Total wet mill products other than fuel	41,331	43,272	43,436

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

Purpose	January 2016	December 2016	January 2017
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	6,939	5,422	3,881

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

Co-products and products	January 2016	December 2016	January 2017
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	135,339	138,747	132,952
Corn oil (Corn Distillers Oil - CDO)	125,826	143,942	146,277
Distillers dried grains (DDG)	383,131	442,824	430,929
Distillers dried grains with solubles (DDGS)	1,905,165	2,095,550	2,072,037
Distillers wet grains (DWG) 65% or more moisture	1,313,632	1,428,635	1,392,920
Modified distillers wet grains (DWG) 40% to 64% moisture	454,248	434,498	445,700
Wet mill			
Corn germ meal	63,787	63,600	66,031
Corn gluten feed	321,956	349,226	347,389
Corn gluten meal	87,266	89,092	90,593
Wet corn gluten feed 40% to 60% moisture	291,882	317,759	315,420
Dry and wet mill			
Carbon dioxide captured	202,150	201,315	191,234

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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