



# Grain Crushings and Co-Products Production

ISSN: 2377-3855

---

Released March 1, 2016, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## Highlights

**January 2015** contained 31 days.

**December 2015** contained 31 days.

**January 2016** contained 31 days.

**Total corn consumed** for alcohol and other uses was 491.3 million bushels in January 2016. Total corn consumption was down 2 percent from December 2015 and down 1 percent from January 2015. January 2016 usage included 91.6 percent for alcohol and 8.4 percent for other purposes. Corn for beverage alcohol totaled 3.41 million bushels, up 21 percent from December 2015 and up 63 percent from January 2015. Corn for fuel alcohol, at 441.3 million bushels, was down 2 percent from December 2015 and down 1 percent from January 2015. Corn consumed in January 2016 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 1.87 million tons during January 2016, down 4 percent from December 2015 but up 2 percent from January 2015. Distillers wet grains (DWG) 65 percent or more moisture was 1.31 million tons in January 2016, down 6 percent from December 2015 and down 11 percent from January 2015.

**Wet mill corn gluten feed production** was 322.0 thousand tons during January 2016, down 5 percent from December 2015 but up slightly from January 2015. Wet corn gluten feed 40 to 60 percent moisture was 291.9 thousand tons in January 2016, down 5 percent from December 2015 and down 7 percent from January 2015.

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

Purpose	January 2015	December 2015	January 2016
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
<b>Consumed for alcohol production</b>			
Beverage alcohol .....	2,087	2,807	3,405
Fuel alcohol .....	443,890	451,306	441,259
Dry mill .....	396,007	401,242	394,251
Wet mill .....	47,883	50,064	47,008
Industrial alcohol .....	6,326	6,479	5,335
<b>Consumed for other purposes</b>			
Total wet mill products other than fuel .....	43,389	41,724	41,331

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

Purpose	January 2015	December 2015	January 2016
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Consumed for alcohol production</b>			
Fuel alcohol .....	(D)	7,616	6,757

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

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

Co-products and products	January 2015	December 2015	January 2016
	(tons)	(tons)	(tons)
<b>Dry mill</b>			
Condensed distillers solubles (CDS - syrup) .....	162,127	134,196	133,919
Corn oil (Corn Distillers Oil - CDO) .....	103,780	130,652	124,541
Distillers dried grains (DDG) .....	438,936	423,632	383,131
Distillers dried grains with solubles (DDGS) .....	1,831,393	1,941,708	1,869,722
Distillers wet grains (DWG) 65% or more moisture .....	1,480,431	1,398,280	1,311,155
Modified distillers wet grains (DWG) 40% to 64% moisture .....	476,760	442,448	449,256
<b>Wet mill</b>			
Corn germ meal .....	71,492	69,669	63,787
Corn gluten feed .....	321,768	340,460	321,956
Corn gluten meal .....	90,617	88,921	87,266
Corn oil .....	41,961	57,578	45,976
Wet corn gluten feed 40% to 60% moisture .....	313,400	307,874	291,882
<b>Dry and wet mill</b>			
Carbon dioxide captured .....	193,460	211,352	202,150

## 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](mailto:nass@nass.usda.gov).

Troy Joshua, Chief, Environmental, Economics, and Demographics Branch .....	(202) 720-6146
Scott Shimmin, Head, Environmental and Demographics Section.....	(202) 720-0684
Stephanie Brennan – Field Crops Chemical Use .....	(202) 690-0392
Natasha Bruton – Current Agricultural Industrial Reports.....	(202) 720-7644
Ryan Cowen - Farms, Land in Farms, Census of Agriculture.....	(202) 690-3233
Doug Farmer – Vegetable Chemical Use .....	(202) 720-7492
Virginia Harris – Census of Agriculture.....	(502) 582-5293
Miste Salmon – Current Agricultural Industrial Reports .....	(202) 690-3226
Dominique Sims – Census of Agriculture.....	(202) 690-4752
Theresa Varner – Farm Labor, Chemical Use .....	(202) 690-2284

## Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: <http://www.nass.usda.gov>
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit <http://www.nass.usda.gov> and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.

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](mailto:nass@nass.usda.gov).

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the basis of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

If you wish to file a Civil Rights program complaint of discrimination, complete the [USDA Program Discrimination Complaint Form](#) (PDF), found online at [http://www.ascr.usda.gov/complaint\\_filing\\_cust.html](http://www.ascr.usda.gov/complaint_filing_cust.html), or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at [program.intake@usda.gov](mailto:program.intake@usda.gov).