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Flour Milling Products 2016 Summary

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2016 Flour Milling Products

As part of the Current Agricultural Industrial Reports (CAIR) program, the 2016 Annual Summary of the Flour Milling Products contains quarterly data and annual totals for 2016.

All wheat ground for flour in 2016 was 915 million bushels, down 1 percent from 2015. The **total flour production** was 424 million hundredweight, down slightly from 2015. **Total whole wheat flour production** in 2016 was 22.2 million hundredweight, down 8 percent in 2015.

Durum wheat ground for flour and semolina production in 2016 was 66.7 million bushels, up 3 percent from 2015. The **durum flour and semolina production** was 31.3 million hundredweight, up 3 percent from 2015. **Durum whole wheat flour and semolina production** in 2015 was 736 thousand hundredweight, down 14 percent 2015.

In 2016, **Rye ground for flour** was 2.15 million bushels, up 1 percent from 2015. **Rye flour production** was 1.04 million hundredweight, up 3 percent from 2015.

All Wheat Ground, Flour Production, and Capacity – Regions and United States: 2016

Region	Wheat ground for flour (1,000 bushels)	Wheat flour production (1,000 cwt)	Daily (24-hour) capacity (cwt)
California			
January - March	16,269	7,609	120,671
April - June.....	16,105	7,555	120,671
July - September.....	15,272	7,102	120,671
October - December.....	16,684	7,787	120,671
Total 2016.....	64,330	30,053	(X)
Colorado and Oklahoma			
January - March	7,635	3,727	59,280
April - June.....	7,482	3,610	59,280
July - September.....	7,692	3,779	59,280
October - December.....	7,392	3,649	59,280
Total 2016.....	30,201	14,765	(X)
Florida, Georgia, and South Carolina			
January - March	10,009	4,688	64,000
April - June.....	9,798	4,449	64,000
July - September.....	10,166	4,688	64,000
October - December.....	10,126	4,593	64,000
Total 2016.....	40,099	18,418	(X)
Idaho, Montana, Oregon, Utah and Washington			
January - March	16,095	7,591	132,508
April - June.....	16,740	7,842	131,540
July - September.....	16,538	7,865	131,540
October - December.....	17,225	8,318	131,540
Total 2016.....	66,598	31,616	(X)
Illinois, Indiana, and Wisconsin			
January - March	21,200	10,006	142,452
April - June.....	22,242	10,427	142,452
July - September.....	22,223	10,349	142,452
October - December.....	21,779	10,196	142,452
Total 2016.....	87,444	40,978	(X)
Iowa and Nebraska			
January - March	8,215	3,787	64,376
April - June.....	7,962	3,645	64,376
July - September.....	8,556	3,943	57,676
October - December.....	8,119	3,777	57,676
Total 2016.....	32,852	15,152	(X)
Kansas			
January - March	14,236	6,588	116,032
April - June.....	14,139	6,516	116,032
July - September.....	14,845	6,934	116,032
October - December.....	14,320	6,691	116,032
Total 2016.....	57,540	26,729	(X)
Kentucky and Tennessee			
January - March	8,600	3,953	52,650
April - June.....	8,493	3,902	52,650
July - September.....	8,809	4,028	52,650
October - December.....	8,757	4,102	52,650
Total 2016.....	34,659	15,985	(X)
Maryland and Virginia			
January - March	7,523	3,312	52,192
April - June.....	7,182	3,238	52,192
July - September.....	7,475	3,372	52,192
October - December.....	7,344	3,296	52,192
Total 2016.....	29,524	13,218	(X)

See footnote(s) at end of table.

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All Wheat Ground, Flour Production, and Capacity – Regions and United States: 2016 (continued)

Region	Wheat ground for flour (1,000 bushels)	Wheat flour production (1,000 cwt)	Daily (24-hour) capacity (cwt)
Michigan			
January - March.....	5,779	2,591	39,200
April - June	5,915	2,650	39,200
July - September.....	6,808	3,039	39,200
October - December	5,483	2,465	39,200
Total 2016	23,985	10,745	(X)
Minnesota			
January - March.....	14,754	6,841	115,120
April - June	15,025	6,896	115,120
July - September.....	15,574	7,105	115,120
October - December	15,752	7,231	115,120
Total 2016	61,105	28,073	(X)
Missouri			
January - March.....	12,546	5,580	88,185
April - June	11,523	5,299	88,185
July - September.....	12,280	5,579	88,185
October - December	13,114	5,852	88,185
Total 2016	49,463	22,310	(X)
New Jersey and New York			
January - March.....	13,458	6,396	102,150
April - June	13,963	6,637	102,150
July - September.....	15,090	7,124	102,150
October - December	14,681	6,950	102,150
Total 2016	57,192	27,107	(X)
North Carolina			
January - March.....	7,910	3,521	61,496
April - June	8,047	3,664	61,496
July - September.....	8,530	3,811	61,496
October - December	8,234	3,733	61,496
Total 2016	32,721	14,729	(X)
North Dakota			
January - March.....	11,878	5,489	81,000
April - June	12,385	5,720	81,000
July - September.....	12,325	5,756	92,500
October - December	14,673	6,652	92,500
Total 2016	51,261	23,617	(X)
Ohio			
January - March.....	13,709	6,223	86,700
April - June	12,177	5,469	86,700
July - September.....	15,519	6,978	86,700
October - December	14,081	6,364	86,700
Total 2016	55,486	25,034	(X)
Pennsylvania			
January - March.....	12,061	5,552	90,400
April - June	12,320	5,612	90,400
July - September.....	12,251	5,553	90,400
October - December	12,245	5,685	90,400
Total 2016	48,877	22,402	(X)

See footnote(s) at end of table.

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All Wheat Ground, Flour Production, and Capacity – Regions and United States: 2016 (continued)

Region	Wheat ground for flour (1,000 bushels)	Wheat flour production (1,000 cwt)	Daily (24-hour) capacity (cwt)
Texas			
January - March	11,722	5,442	77,250
April - June	12,133	5,602	77,250
July - September	12,379	5,729	77,250
October - December	12,312	5,734	77,250
Total 2016	48,546	22,507	(X)
Other States ¹			
January - March	10,621	5,013	70,307
April - June	10,751	5,090	70,307
July - September	11,059	5,157	70,307
October - December	10,321	5,005	70,307
Total 2016	42,752	20,265	(X)
United States			
January - March	224,220	103,909	1,615,969
April - June	224,382	103,823	1,615,001
July - September	233,391	107,891	1,619,801
October - December	232,642	108,080	1,619,801
Total 2016	914,635	423,703	(X)

(X) Not applicable.

¹ Alabama, Arkansas, Arizona, Hawaii, Massachusetts, Maine, and Louisiana combined to avoid disclosing individual operations.

Flour Milling Production, and Capacity – United States: 2016

Item	January - March	April - June	July - September	October - December	Total 2016
All wheat					
Wheat ground for flour 1,000 bushels	224,220	224,382	233,391	232,642	914,635
Flour production 1,000 cwt	103,909	103,823	107,891	108,080	423,703
Whole wheat flour production 1,000 cwt	5,519	5,186	6,053	5,410	22,168
Millfeed production tons	1,595,910	1,613,972	1,687,374	1,659,496	6,556,752
Daily 24-hour capacity cwt	1,615,969	1,615,001	1,619,801	1,619,801	(X)
Wheat, excluding durum					
Wheat ground for flour 1,000 bushels	207,524	208,917	217,082	214,367	847,890
Flour production 1,000 cwt	96,200	96,485	100,154	99,526	392,365
Whole wheat production 1,000 cwt	5,310	5,024	5,872	5,226	21,432
Millfeed production tons	1,482,612	1,506,217	1,573,865	1,534,621	6,097,315
Daily 24-hour capacity cwt	1,488,222	1,487,954	1,492,754	1,492,754	(X)
Wheat, durum					
Wheat ground for flour and semolina 1,000 bushels	16,696	15,465	16,309	18,275	66,745
Durum flour and semolina production 1,000 cwt	7,709	7,338	7,737	8,554	31,338
Whole wheat durum flour and semolina production 1,000 cwt	209	162	181	184	736
Millfeed production tons	113,298	107,755	113,509	124,875	459,437
Daily 24-hour capacity cwt	127,747	127,047	127,047	127,047	(X)
Rye					
Rye ground for flour 1,000 bushels	548	628	474	499	2,149
Flour production 1,000 cwt	267	303	233	238	1,041
Millfeed production tons	(D)	(D)	(D)	(D)	(D)
Daily 24-hour capacity cwt	9,375	9,385	9,385	9,385	(X)

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

(X) Not applicable.

Statistical Methodology

Survey Procedures: *Flour Milling Products* 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 wheat or rye flour.

The census universe was determined during operation profile interviews which were completed for each potential facility to identify the presence of wheat or rye flour production in 2014. 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 Flour Milling Products survey questionnaires, mills are asked for previous quarter data on wheat and rye ground for flour, and production of flour, whole wheat flour, and millfeed. Quarters are based on a calendar year with the following definitions: first quarter – January through March; second quarter – April through June; third quarter – July through September; fourth quarter – October through December. 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 or Regional totals.

Revision Policy: Data are revised the following quarter based on late reports or corrected data. Final figures are published in the annual summary of the following year.

Reliability: Approximately 165 reports are received each month which represent about 99 percent of total capacity. Quarterly data can vary due to different firms reporting quarter to quarter. 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.

Jody McDaniel, 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
Courtney Charles – Current Agricultural Industrial Reports.....	(202) 690-3226
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
Megan Lipke – Census of Agriculture	(202) 720-5881
Dominique Sims – Census of Agriculture	(202) 690-4752
Theresa Varner – Farm Labor, Chemical Use	(202) 690-2284

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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.

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