



Flour Milling Products

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Special Note

The *Flour Milling Products* publication is a product of NASS's Current Agricultural Industrial Reports (CAIR) program. CAIR will provide a data series that was previously made available by the United States Census Bureau's Current Industrial Reports (CIR) program but discontinued in 2011. For the details on the CAIR program see, http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Current_Agricultural_Industrial_Reports/index.asp.

Highlights

Fourth Quarter 2014, October through December, contained 92 days.

First Quarter 2015, January through March, contained 90 days.

Second Quarter 2015, April through June, contained 91 days.

All wheat ground for flour during the second quarter 2015 was 227.5 million bushels, up 1 percent from the first quarter 2015 grind of 225.3 million bushels but down 4 percent from the fourth quarter 2014 grind of 235.9 million bushels. All wheat ground is the sum of wheat, excluding durum, ground and durum wheat ground. Second quarter 2015 total flour production was 105.1 million hundredweight, up 2 percent from the first quarter 2015 but down 3 percent from the fourth quarter 2014. Whole wheat flour production at 5.5 million hundredweight during the second quarter 2015 accounted for 5 percent of the total flour production. Millfeed production from wheat in the second quarter 2015 was 1.64 million tons. The daily 24-hour milling capacity of wheat flour during the second quarter 2015 was 1,623 thousand hundredweight.

Durum wheat ground for flour and semolina production during the second quarter of 2015 totaled 15.2 million bushels, down 7 from the first quarter 2015 and down 10 percent from the fourth quarter 2014. Second quarter 2015 durum flour and semolina production was 7.1 million hundredweight, down 8 percent from the first quarter 2015 and down 12 percent from the fourth quarter 2014. Whole wheat durum flour and semolina production was 170 thousand hundredweight, up 10 percent from 155 thousand hundredweight in the first quarter 2015 but down 46 percent from 313 thousand hundredweight from the fourth quarter 2014. Second quarter durum wheat millfeed production was 105.1 thousand tons and the daily 24-hour milling capacity for durum and semolina production was 128 thousand hundredweight.

Rye ground for flour during the second quarter of 2015 was 525 thousand bushels, down 3 percent from the first quarter 2015 and down 7 percent from the fourth quarter 2014. Rye flour production during the second quarter of 2015 was 251 thousand hundredweight, compared to 256 thousand hundredweight and 269 thousand hundredweight in the previous two quarters. The daily 24-hour milling capacity for rye milling was 9 thousand hundredweight for the second quarter 2015.

**All Wheat Ground, Flour Production, and Capacity – Regions and United States:
October 2014 - June 2015**

Region	Wheat ground for flour (1,000 bushels)	Wheat flour production (1,000 cwt)	Daily (24-hour) capacity (cwt)
California			
October 2014 - December 2014	16,109	7,504	118,871
January 2015 - March 2015	15,643	7,389	120,671
April 2015 - June 2015	16,231	7,520	120,671
Colorado and Oklahoma			
October 2014 - December 2014	8,096	3,818	59,300
January 2015 - March 2015	7,567	3,572	59,300
April 2015 - June 2015	7,698	3,677	59,300
Florida, Georgia, and South Carolina			
October 2014 - December 2014	9,733	4,605	64,100
January 2015 - March 2015	11,348	5,138	64,100
April 2015 - June 2015	10,161	4,621	64,100
Idaho and Montana			
October 2014 - December 2014	6,798	3,057	43,237
January 2015 - March 2015	6,635	3,025	44,337
April 2015 - June 2015	6,951	3,270	46,437
Illinois, Indiana, and Wisconsin			
October 2014 - December 2014	22,096	10,173	132,472
January 2015 - March 2015	21,137	9,718	132,472
April 2015 - June 2015	21,002	9,806	144,452
Iowa and Nebraska			
October 2014 - December 2014	9,005	4,208	64,376
January 2015 - March 2015	8,751	3,993	64,376
April 2015 - June 2015	8,997	4,086	64,376
Kansas			
October 2014 - December 2014	15,239	6,997	112,232
January 2015 - March 2015	13,626	6,293	116,532
April 2015 - June 2015	13,911	6,400	116,032
Kentucky and Tennessee			
October 2014 - December 2014	9,138	4,135	52,650
January 2015 - March 2015	9,363	4,265	52,650
April 2015 - June 2015	8,720	3,977	52,650
Maryland and Virginia			
October 2014 - December 2014	7,501	3,381	52,120
January 2015 - March 2015	7,707	3,427	52,192
April 2015 - June 2015	7,531	3,374	52,192
Michigan			
October 2014 - December 2014	5,839	2,597	38,700
January 2015 - March 2015	5,398	2,399	39,200
April 2015 - June 2015	5,655	2,602	39,200
Minnesota			
October 2014 - December 2014	16,677	7,665	117,520
January 2015 - March 2015	14,626	6,681	117,520
April 2015 - June 2015	14,696	6,841	117,520
Missouri			
October 2014 - December 2014	14,057	6,527	88,185
January 2015 - March 2015	12,266	5,514	88,185
April 2015 - June 2015	12,238	5,462	88,185
New Jersey and New York			
October 2014 - December 2014	14,943	6,917	102,230
January 2015 - March 2015	14,076	6,583	102,230
April 2015 - June 2015	14,059	6,699	102,230

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**All Wheat Ground, Flour Production, and Capacity – Regions and United States:
October 2014 - June 2015 (continued)**

Region	Wheat ground for flour (1,000 bushels)	Wheat flour production (1,000 cwt)	Daily (24-hour) capacity (cwt)
North Carolina			
October 2014 - December 2014	7,698	3,518	61,796
January 2015 - March 2015	7,075	3,230	61,596
April 2015 - June 2015	7,682	3,522	61,496
North Dakota			
October 2014 - December 2014	11,725	5,301	81,000
January 2015 - March 2015	11,778	5,267	80,750
April 2015 - June 2015	11,765	5,388	81,000
Ohio			
October 2014 - December 2014	14,552	6,392	89,800
January 2015 - March 2015	14,159	6,306	90,100
April 2015 - June 2015	13,848	6,329	90,100
Oregon, Utah, and Washington			
October 2014 - December 2014	10,813	5,118	82,835
January 2015 - March 2015	10,002	4,702	83,771
April 2015 - June 2015	10,579	5,003	83,971
Pennsylvania			
October 2014 - December 2014	13,058	5,966	93,880
January 2015 - March 2015	12,268	5,580	93,880
April 2015 - June 2015	13,075	5,988	93,880
Texas			
October 2014 - December 2014	11,526	5,315	77,300
January 2015 - March 2015	11,414	5,266	77,700
April 2015 - June 2015	12,035	5,542	77,300
Other States ¹			
October 2014 - December 2014	11,318	5,182	68,837
January 2015 - March 2015	10,450	4,768	68,837
April 2015 - June 2015	10,633	5,007	67,807
United States			
October 2014 - December 2014	235,921	108,376	1,601,441
January 2015 - March 2015	225,289	103,116	1,610,399
April 2015 - June 2015	227,467	105,114	1,622,899

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

Flour Milling Production, and Capacity – United States: October 2014 - June 2015

Item	October - December 2014	January - March 2015	April - June 2015
All wheat			
Wheat ground for flour 1,000 bushels	235,921	225,289	227,467
Flour production 1,000 cwt	108,376	103,116	105,114
Whole wheat flour production 1,000 cwt	5,449	6,122	5,520
Millfeed production tons	1,683,479	1,601,309	1,643,116
Daily 24-hour capacity cwt	1,601,441	1,610,399	1,622,899
Wheat, excluding durum			
Wheat ground for flour 1,000 bushels	219,028	208,979	212,275
Flour production 1,000 cwt	100,319	95,433	98,042
Whole wheat production 1,000 cwt	5,136	5,967	5,350
Millfeed production tons	1,565,595	1,489,375	1,538,002
Daily 24-hour capacity cwt	1,474,694	1,483,152	1,495,152
Wheat, durum			
Wheat ground for flour and semolina 1,000 bushels	16,893	16,310	15,192
Durum flour and semolina production 1,000 cwt	8,057	7,683	7,072
Whole wheat durum flour and semolina production 1,000 cwt	313	155	170
Millfeed production tons	117,884	111,934	105,114
Daily 24-hour capacity cwt	126,747	127,247	127,747
Rye			
Rye ground for flour 1,000 bushels	567	544	525
Flour production 1,000 cwt	269	256	251
Millfeed production tons	(D)	(D)	(D)
Daily 24-hour capacity cwt	9,365	9,365	9,365

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

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. The first annual summary will be published in March of 2016.

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.

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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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