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Flour Milling Products 2017 Summary

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2017 Flour Milling Products

As part of the Current Agricultural Industrial Reports (CAIR) program, the 2017 Annual Summary of the Flour Milling Products contains quarterly data and annual totals for 2017.

All wheat ground for flour in 2017 was 918 million bushels, up slightly from 2016. The **total flour production** was 426 million hundredweight, up 1 percent from 2016. **Total whole wheat flour production** in 2017 was 22.5 million hundredweight, up 2 percent in 2016.

Durum wheat ground for flour and semolina production in 2017 was 66.4 million bushels, down 1 percent from 2016. The **durum flour and semolina production** was 31.8 million hundredweight, up 1 percent from 2016. **Durum whole wheat flour and semolina production** in 2016 was 607 thousand hundredweight, down 18 percent 2016.

In 2017, **Rye ground for flour** was 1.80 million bushels, down 16 percent from 2016. **Rye flour production** was 883 thousand hundredweight, down 15 percent from 2016.

All Wheat Ground, Flour Production, and Capacity – Regions and United States: 2017

Region	Wheat ground for flour (1,000 bushels)	Wheat flour production (1,000 cwt)	Daily (24-hour) capacity (cwt)
California			
January - March	16,247	7,706	120,671
April - June.....	16,237	7,642	120,671
July - September.....	17,403	8,029	120,671
October - December.....	16,939	7,783	120,671
Total 2017.....	66,826	31,160	(X)
Colorado and Oklahoma			
January - March	7,094	3,532	59,280
April - June.....	7,136	3,486	59,280
July - September.....	7,719	3,773	59,280
October - December.....	7,215	3,495	59,280
Total 2017.....	29,164	14,286	(X)
Florida, Georgia, and South Carolina			
January - March	9,807	4,563	64,000
April - June.....	9,754	4,530	64,000
July - September.....	9,831	4,498	64,000
October - December.....	9,805	4,527	64,000
Total 2017.....	39,197	18,118	(X)
Idaho, Montana, Oregon, Utah and Washington			
January - March	16,410	7,960	131,540
April - June.....	16,434	7,976	131,540
July - September.....	17,348	8,098	131,540
October - December.....	17,240	8,101	131,540
Total 2017.....	67,432	32,135	(X)
Illinois, Indiana, and Wisconsin			
January - March	21,096	9,947	142,252
April - June.....	21,013	9,949	142,252
July - September.....	22,120	10,291	142,252
October - December.....	22,456	10,614	142,252
Total 2017.....	86,685	40,801	(X)
Iowa and Nebraska			
January - March	8,224	3,795	57,676
April - June.....	8,273	3,785	57,676
July - September.....	8,516	3,884	57,676
October - December.....	8,387	3,788	57,676
Total 2017.....	33,400	15,252	(X)
Kansas			
January - March	13,975	6,555	116,032
April - June.....	14,243	6,638	116,032
July - September.....	15,116	7,007	116,032
October - December.....	15,598	7,171	116,032
Total 2017.....	58,932	27,371	(X)
Kentucky and Tennessee			
January - March	8,515	3,950	52,650
April - June.....	8,494	3,886	52,650
July - September.....	8,889	4,068	52,650
October - December.....	8,964	4,094	52,650
Total 2017.....	34,862	15,998	(X)
Maryland and Virginia			
January - March	6,752	3,050	52,192
April - June.....	6,870	3,092	52,192
July - September.....	7,130	3,200	52,192
October - December.....	7,415	3,339	52,192
Total 2017.....	28,167	12,681	(X)

See footnote(s) at end of table.

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All Wheat Ground, Flour Production, and Capacity – Regions and United States: 2017 (continued)

Region	Wheat ground for flour (1,000 bushels)	Wheat flour production (1,000 cwt)	Daily (24-hour) capacity (cwt)
Michigan			
January - March.....	6,050	2,772	39,200
April - June	5,988	2,699	39,200
July - September.....	6,727	3,020	39,200
October - December	6,738	3,059	39,200
Total 2017	25,503	11,550	(X)
Minnesota			
January - March.....	14,854	6,862	115,120
April - June	14,711	6,834	115,120
July - September.....	15,133	7,037	115,120
October - December	15,535	7,184	115,120
Total 2017	60,233	27,917	(X)
Missouri			
January - March.....	12,564	5,713	88,185
April - June	12,052	5,476	88,185
July - September.....	13,643	6,168	88,185
October - December	13,675	6,152	88,185
Total 2017	51,934	23,509	(X)
New Jersey and New York			
January - March.....	13,493	6,382	102,150
April - June	13,877	6,568	102,150
July - September.....	14,119	6,612	102,150
October - December	13,970	6,435	102,150
Total 2017	55,459	25,997	(X)
North Carolina			
January - March.....	7,970	3,593	61,496
April - June	8,061	3,653	61,496
July - September.....	8,380	3,825	61,496
October - December	8,083	3,697	61,496
Total 2017	32,494	14,768	(X)
North Dakota			
January - March.....	13,742	6,280	92,500
April - June	13,199	6,022	92,500
July - September.....	13,509	6,364	92,500
October - December	13,998	6,621	92,500
Total 2017	54,448	25,287	(X)
Ohio			
January - March.....	13,266	6,024	86,700
April - June	13,299	5,930	86,700
July - September.....	13,149	5,902	86,700
October - December	14,201	6,425	86,700
Total 2017	53,915	24,281	(X)
Pennsylvania			
January - March.....	11,854	5,569	90,400
April - June	12,137	5,627	90,400
July - September.....	12,542	5,895	90,400
October - December	12,128	5,698	90,400
Total 2017	48,661	22,789	(X)

See footnote(s) at end of table.

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All Wheat Ground, Flour Production, and Capacity – Regions and United States: 2017 (continued)

Region	Wheat ground for flour (1,000 bushels)	Wheat flour production (1,000 cwt)	Daily (24-hour) capacity (cwt)
Texas			
January - March	11,901	5,542	77,250
April - June	11,993	5,530	77,250
July - September	12,044	5,529	77,250
October - December	12,260	5,680	77,250
Total 2017	48,198	22,281	(X)
Other States ¹			
January - March	10,150	4,910	70,307
April - June	10,716	5,145	70,307
July - September	10,961	5,192	70,307
October - December	10,479	4,971	70,307
Total 2017	42,306	20,218	(X)
United States			
January - March	223,964	104,705	1,619,601
April - June	224,487	104,468	1,619,601
July - September	234,279	108,392	1,619,601
October - December	235,086	108,834	1,619,601
Total 2017	917,816	426,399	(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: 2017

Item	January - March	April - June	July - September	October - December	Total 2017
All wheat					
Wheat ground for flour 1,000 bushels	223,964	224,487	234,279	235,086	917,816
Flour production 1,000 cwt	104,705	104,468	108,392	108,834	426,399
Whole wheat flour production 1,000 cwt	5,800	5,350	5,632	5,737	22,519
Millfeed production tons	1,586,308	1,578,569	1,641,303	1,641,094	6,447,274
Daily 24-hour capacity cwt	1,619,601	1,619,601	1,619,601	1,619,601	(X)
Wheat, excluding durum					
Wheat ground for flour 1,000 bushels	207,187	208,490	218,100	217,665	851,442
Flour production 1,000 cwt	96,739	96,812	100,604	100,445	394,600
Whole wheat production 1,000 cwt	5,634	5,225	5,438	5,615	21,912
Millfeed production tons	1,468,703	1,467,375	1,530,324	1,525,361	5,991,763
Daily 24-hour capacity cwt	1,492,554	1,492,554	1,492,554	1,492,554	(X)
Wheat, durum					
Wheat ground for flour and semolina 1,000 bushels	16,777	15,997	16,179	17,421	66,374
Durum flour and semolina production 1,000 cwt	7,966	7,656	7,788	8,389	31,799
Whole wheat durum flour and semolina production 1,000 cwt	166	125	194	122	607
Millfeed production tons	117,605	111,194	110,979	115,733	455,511
Daily 24-hour capacity cwt	127,047	127,047	127,047	127,047	(X)
Rye					
Rye ground for flour 1,000 bushels	457	443	406	495	1,801
Flour production 1,000 cwt	222	215	206	240	883
Millfeed production tons	(D)	(D)	(D)	1,249	(D)
Daily 24-hour capacity cwt	9,385	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.

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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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