



United States
Department of
Agriculture

National
Agricultural
Statistics
Service



ISSN: 2470-9921

Flour Milling Products 2018 Summary

May 2019

USDA



2018 Flour Milling Products

As part of the Current Agricultural Industrial Reports (CAIR) program, the 2018 Annual Summary of the Flour Milling Products contains quarterly data and annual totals for 2018.

All wheat ground for flour in 2018 was 918 million bushels, up slightly from 2017. The **total flour production** was 427 million hundredweight, up less than 1 percent from 2017. **Total whole wheat flour production** in 2018 was 22.3 million hundredweight, down 1 percent from 2017.

Durum wheat ground for flour and semolina production in 2018 was 67.1 million bushels, up 1 percent from 2017. The **durum flour and semolina production** was 32.0 million hundredweight, up less than 1 percent from 2017. **Durum whole wheat flour and semolina production** in 2018 was 604,000 hundredweight, down less than 1 percent from 2017.

In 2018, **Rye ground for flour** was 1.83 million bushels, up 1 percent from 2017. **Rye flour production** was 880,000 hundredweight, down less than 1 percent from 2017.

All Wheat Ground, Flour Production, and Capacity – Regions and United States: 2018

Region	Wheat ground for flour (1,000 bushels)	Wheat flour production (1,000 cwt)	Daily (24-hour) capacity (cwt)
California			
January - March	16,753	7,834	122,171
April - June.....	16,968	7,918	122,171
July - September.....	16,816	7,853	122,171
October - December.....	16,665	7,777	122,171
Total 2018.....	67,202	31,382	(X)
Colorado and Oklahoma			
January - March	6,190	3,043	59,280
April - June.....	6,367	3,087	59,280
July - September.....	6,901	3,384	59,280
October - December.....	6,980	3,387	59,280
Total 2018.....	26,438	12,901	(X)
Florida, Georgia, and South Carolina			
January - March	9,795	4,485	64,000
April - June.....	9,396	4,374	64,000
July - September.....	9,738	4,500	64,000
October - December.....	9,385	4,309	64,000
Total 2018.....	38,314	17,668	(X)
Idaho, Montana, Oregon, Utah and Washington			
January - March	16,685	7,806	133,787
April - June.....	17,057	7,957	133,787
July - September.....	17,294	8,085	133,787
October - December.....	16,922	7,888	125,787
Total 2018.....	67,958	31,736	(X)
Illinois, Indiana, and Wisconsin			
January - March	21,985	10,566	146,252
April - June.....	21,733	10,291	146,252
July - September.....	23,262	10,999	146,252
October - December.....	22,532	10,603	146,252
Total 2018.....	89,512	42,459	(X)
Iowa and Nebraska			
January - March	8,216	3,684	56,744
April - June.....	7,746	3,605	56,744
July - September.....	8,591	3,833	56,744
October - December.....	8,373	3,797	56,744
Total 2018.....	32,926	14,919	(X)
Kansas			
January - March	14,780	6,838	117,132
April - June.....	14,829	6,837	117,132
July - September.....	15,947	7,356	117,132
October - December.....	15,284	7,091	117,132
Total 2018.....	60,840	28,122	(X)
Kentucky and Tennessee			
January - March	8,424	3,926	52,650
April - June.....	8,601	3,974	52,650
July - September.....	8,915	4,127	52,650
October - December.....	8,577	4,019	52,650
Total 2018.....	34,517	16,046	(X)
Maryland and Virginia			
January - March	7,007	3,185	55,192
April - June.....	6,472	3,061	55,192
July - September.....	6,861	3,093	55,192
October - December.....	6,845	3,090	55,192
Total 2018.....	27,185	12,429	(X)

See footnote(s) at end of table.

--continued

All Wheat Ground, Flour Production, and Capacity – Regions and United States: 2018 (continued)

Region	Wheat ground for flour (1,000 bushels)	Wheat flour production (1,000 cwt)	Daily (24-hour) capacity (cwt)
Michigan			
January - March.....	6,358	2,904	39,700
April - June	6,394	2,919	39,700
July - September.....	6,106	2,813	39,700
October - December	6,089	2,791	39,700
Total 2018	24,947	11,427	(X)
Minnesota			
January - March.....	14,664	6,772	120,120
April - June	14,350	6,600	120,220
July - September.....	14,784	6,808	120,220
October - December	14,416	6,549	120,220
Total 2018	58,214	26,729	(X)
Missouri			
January - March.....	13,011	5,968	84,800
April - June	12,082	5,558	84,800
July - September.....	13,525	6,262	84,800
October - December	13,414	6,213	84,800
Total 2018	52,032	24,001	(X)
New Jersey and New York			
January - March.....	13,339	6,310	102,150
April - June	13,373	6,271	102,150
July - September.....	13,908	6,557	102,150
October - December	13,865	6,552	102,150
Total 2018	54,485	25,690	(X)
North Carolina			
January - March.....	7,905	3,567	61,496
April - June	8,255	3,741	61,496
July - September.....	8,144	3,656	61,496
October - December	7,710	3,527	61,496
Total 2018	32,014	14,491	(X)
North Dakota			
January - March.....	14,080	6,599	92,500
April - June	13,909	6,496	93,500
July - September.....	13,976	6,550	93,500
October - December	16,117	7,528	93,500
Total 2018	58,082	27,173	(X)
Ohio			
January - March.....	14,041	6,162	92,900
April - June	13,627	6,027	92,900
July - September.....	12,880	5,797	92,900
October - December	13,334	6,103	92,900
Total 2018	53,882	24,089	(X)
Pennsylvania			
January - March.....	11,855	5,557	90,200
April - June	12,552	5,904	90,200
July - September.....	12,346	5,858	90,200
October - December	12,435	5,851	87,800
Total 2018	49,188	23,170	(X)

See footnote(s) at end of table.

--continued

All Wheat Ground, Flour Production, and Capacity – Regions and United States: 2018 (continued)

Region	Wheat ground for flour (1,000 bushels)	Wheat flour production (1,000 cwt)	Daily (24-hour) capacity (cwt)
Texas			
January - March	11,742	5,506	80,750
April - June	12,308	5,682	80,750
July - September	12,383	5,728	80,750
October - December	12,701	5,896	90,750
Total 2018	49,134	22,812	(X)
Other States ¹			
January - March	10,317	4,900	69,807
April - June	10,608	5,002	69,807
July - September	10,561	4,978	69,807
October - December	10,017	4,747	69,807
Total 2018	41,503	19,627	(X)
United States			
January - March	227,147	105,612	1,641,631
April - June	226,627	105,304	1,642,731
July - September	232,938	108,237	1,642,731
October - December	231,661	107,718	1,642,331
Total 2018	918,373	426,871	(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: 2018

Item	January - March	April - June	July - September	October - December	Total 2018
All wheat					
Wheat ground for flour 1,000 bushels	227,147	226,627	232,938	231,661	918,373
Flour production 1,000 cwt	105,612	105,304	108,237	107,718	426,871
Whole wheat flour production 1,000 cwt	5,711	5,386	5,715	5,531	22,343
Millfeed production tons	1,606,569	1,594,864	1,628,236	1,628,348	6,458,017
Daily 24-hour capacity cwt	1,641,631	1,642,731	1,642,731	1,642,331	(X)
Wheat, excluding durum					
Wheat ground for flour 1,000 bushels	210,033	210,870	216,261	214,123	851,287
Flour production 1,000 cwt	97,456	97,686	100,360	99,418	394,920
Whole wheat production 1,000 cwt	5,532	5,256	5,580	5,371	21,739
Millfeed production tons	1,488,631	1,487,812	1,515,326	1,507,511	5,999,280
Daily 24-hour capacity cwt	1,518,401	1,519,401	1,519,401	1,519,001	(X)
Wheat, durum					
Wheat ground for flour and semolina 1,000 bushels	17,114	15,757	16,677	17,538	67,086
Durum flour and semolina production 1,000 cwt	8,156	7,618	7,877	8,300	31,951
Whole wheat durum flour and semolina production 1,000 cwt	179	130	135	160	604
Millfeed production tons	117,938	107,052	112,910	120,837	458,737
Daily 24-hour capacity cwt	123,230	123,330	123,330	123,330	(X)
Rye					
Rye ground for flour 1,000 bushels	476	471	444	436	1,827
Flour production 1,000 cwt	234	225	211	210	880
Millfeed production tons	(D)	1,189	1,238	(D)	(D)
Daily 24-hour capacity cwt	9,385	9,785	9,785	9,785	(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 Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov.

Lance Honig, Chief, Crops Branch.....	(202) 720-2127
Anthony Prillaman, Head, Field Crops Section.....	(202) 720-2127
David Colwell – Current Agricultural Industrial Reports	(202) 720-8800
Chris Hawthorn – Corn, Flaxseed, Proso Millet	(202) 720-9526
James Johanson – County Estimates, Hay.....	(202) 690-8533
Jeff Lemmons – Oats, Soybeans	(202) 690-3234
Jannety Mosley – Crop Weather, Barley.....	(202) 720-7621
Sammy Neal – Peanuts, Rice.....	(202) 720-7688
Jean Porter – Rye, Wheat	(202) 720-8068
Chris Singh – Cotton, Cotton Ginnings, Sorghum	(202) 720-5944
Travis Thorson – Sunflower, Other Oilseeds	(202) 720-7369

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: 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 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.
- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

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.

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 www.ascr.usda.gov/filing-program-discrimination-complaint-usda-customer, 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.

