



United States
Department of
Agriculture

National
Agricultural
Statistics
Service



ISSN: 2470-9921

Flour Milling Products 2020 Summary

May 2021

USDA



2020 Flour Milling Products

As part of the Current Agricultural Industrial Reports (CAIR) program, the 2020 Annual Summary of the Flour Milling Products contains quarterly data and annual totals for 2020.

All wheat ground for flour in 2020 was 918 million bushels, up 1 percent from 2019. The **total flour production** was 426 million hundredweight, up 1 percent from 2019. **Total whole wheat flour production** in 2020 was 20.1 million hundredweight, down 10 percent from 2019.

Durum wheat ground for flour and semolina production in 2020 was 71.6 million bushels, up 8 percent from 2019. The **durum flour and semolina production** was 33.8 million hundredweight, up 7 percent from 2019. **Durum whole wheat flour and semolina production** in 2020 was 616,000 hundredweight, down 4 percent from 2019.

In 2020, **Rye ground for flour** was 1.78 million bushels, up 1 percent from 2019. **Rye flour production** was 829,000 hundredweight, down 2 percent from 2019.

All Wheat Ground, Flour Production, and Capacity – Regions and United States: 2020

Region	Wheat ground for flour (1,000 bushels)	Wheat flour production (1,000 cwt)	Daily (24-hour) capacity (cwt)
California			
January - March.....	17,488	8,172	120,400
April - June.....	16,438	7,657	120,400
July - September.....	16,640	7,699	120,400
October - December.....	15,956	7,437	108,600
Total 2020.....	66,522	30,965	(X)
Colorado and Oklahoma			
January - March.....	7,255	3,483	58,280
April - June.....	7,676	3,700	58,280
July - September.....	7,731	3,743	58,280
October - December.....	8,047	3,827	58,280
Total 2020.....	30,709	14,753	(X)
Florida, Georgia, and South Carolina			
January - March.....	9,243	4,249	59,000
April - June.....	7,632	3,530	59,000
July - September.....	8,908	4,085	59,000
October - December.....	8,612	3,981	59,000
Total 2020.....	34,395	15,845	(X)
Idaho, Montana, Oregon, Utah and Washington			
January - March.....	16,981	7,842	127,187
April - June.....	15,450	7,129	127,187
July - September.....	16,244	7,686	127,187
October - December.....	15,738	7,353	125,387
Total 2020.....	64,413	30,010	(X)
Illinois, Indiana, and Wisconsin			
January - March.....	24,827	11,663	163,252
April - June.....	22,932	10,953	163,252
July - September.....	25,615	12,106	163,252
October - December.....	25,070	11,805	163,252
Total 2020.....	98,444	46,527	(X)
Iowa and Nebraska			
January - March.....	8,843	3,952	55,894
April - June.....	8,517	3,909	55,894
July - September.....	8,419	3,866	55,894
October - December.....	8,411	3,739	55,894
Total 2020.....	34,190	15,466	(X)
Kansas			
January - March.....	15,247	7,197	111,132
April - June.....	16,073	7,489	111,132
July - September.....	16,240	7,623	111,132
October - December.....	16,477	7,656	111,132
Total 2020.....	64,037	29,965	(X)
Kentucky and Tennessee			
January - March.....	9,278	4,296	55,000
April - June.....	7,125	3,285	55,000
July - September.....	8,887	4,148	57,000
October - December.....	8,884	4,096	57,000
Total 2020.....	34,174	15,825	(X)
Maryland and Virginia			
January - March.....	6,321	2,871	48,692
April - June.....	6,038	2,733	48,692
July - September.....	6,373	2,905	48,692
October - December.....	6,120	2,801	48,692
Total 2020.....	24,852	11,310	(X)

See footnote(s) at end of table.

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All Wheat Ground, Flour Production, and Capacity – Regions and United States: 2020 (continued)

Region	Wheat ground for flour (1,000 bushels)	Wheat flour production (1,000 cwt)	Daily (24-hour) capacity (cwt)
Michigan			
January - March	5,186	2,351	39,700
April - June.....	4,886	2,208	39,700
July - September.....	5,557	2,486	39,700
October - December.....	5,675	2,542	39,700
Total 2020.....	21,304	9,587	(X)
Minnesota			
January - March	11,822	5,506	94,220
April - June.....	10,946	5,099	94,120
July - September.....	12,176	5,652	80,120
October - December.....	11,254	5,235	80,120
Total 2020.....	46,198	21,492	(X)
Missouri			
January - March	13,423	6,220	92,800
April - June.....	14,369	6,722	92,800
July - September.....	13,641	6,248	92,800
October - December.....	13,830	6,356	92,800
Total 2020.....	55,263	25,546	(X)
New Jersey and New York			
January - March	13,255	6,288	102,550
April - June.....	11,667	5,640	102,550
July - September.....	13,488	6,481	102,550
October - December.....	12,954	6,025	102,550
Total 2020.....	51,364	24,434	(X)
North Carolina			
January - March	7,812	3,521	61,496
April - June.....	7,790	3,568	61,496
July - September.....	8,216	3,695	61,496
October - December.....	8,306	3,768	61,496
Total 2020.....	32,124	14,552	(X)
North Dakota			
January - March	14,431	6,557	93,500
April - June.....	13,906	6,315	93,500
July - September.....	15,739	7,125	93,100
October - December.....	15,363	7,049	93,100
Total 2020.....	59,439	27,046	(X)
Ohio			
January - March	13,827	6,216	88,400
April - June.....	14,036	6,298	88,400
July - September.....	14,101	6,303	88,400
October - December.....	14,688	6,593	79,900
Total 2020.....	56,652	25,410	(X)
Pennsylvania			
January - March	13,344	6,326	85,500
April - June.....	10,814	5,038	85,500
July - September.....	11,759	5,360	78,500
October - December.....	11,449	5,221	78,500
Total 2020.....	47,366	21,945	(X)

See footnote(s) at end of table.

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All Wheat Ground, Flour Production, and Capacity – Regions and United States: 2020 (continued)

Region	Wheat ground for flour (1,000 bushels)	Wheat flour production (1,000 cwt)	Daily (24-hour) capacity (cwt)
Texas			
January - March.....	13,134	6,172	91,850
April - June.....	12,250	5,737	91,850
July - September.....	13,296	6,143	91,500
October - December.....	13,459	6,255	91,500
Total 2020.....	52,139	24,307	(X)
Other States ¹			
January - March.....	11,293	5,295	78,407
April - June.....	10,757	5,040	78,407
July - September.....	11,160	5,229	78,407
October - December.....	11,183	5,248	78,407
Total 2020.....	44,393	20,812	(X)
United States			
January - March.....	233,010	108,177	1,627,260
April - June.....	219,302	102,050	1,627,160
July - September.....	234,190	108,583	1,607,410
October - December.....	231,476	106,987	1,585,310
Total 2020.....	917,978	425,797	(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: 2020

Item	January - March	April - June	July - September	October - December	Total 2020
All wheat					
Wheat ground for flour..... 1,000 bushels	233,010	219,302	234,190	231,476	917,978
Flour production..... 1,000 cwt	108,177	102,050	108,583	106,987	425,797
Whole wheat flour production..... 1,000 cwt	5,890	4,471	4,908	4,852	20,121
Millfeed production..... tons	1,654,872	1,557,553	1,678,897	1,655,982	6,547,304
Daily 24-hour capacity.....cwt	1,627,260	1,627,160	1,607,410	1,585,310	(X)
Wheat, excluding durum					
Wheat ground for flour..... 1,000 bushels	215,694	199,866	216,681	214,176	846,417
Flour production..... 1,000 cwt	100,037	92,895	100,279	98,784	391,995
Whole wheat production..... 1,000 cwt	5,719	4,307	4,774	4,705	19,505
Millfeed production..... tons	1,537,672	1,425,065	1,560,317	1,539,098	6,062,152
Daily 24-hour capacity.....cwt	1,493,430	1,493,430	1,475,680	1,453,580	(X)
Wheat, durum					
Wheat ground for flour and semolina..... 1,000 bushels	17,316	19,436	17,509	17,300	71,561
Durum flour and semolina production..... 1,000 cwt	8,140	9,155	8,304	8,203	33,802
Whole wheat durum flour and semolina production..... 1,000 cwt	171	164	134	147	616
Millfeed production..... tons	117,200	132,488	118,580	116,884	485,152
Daily 24-hour capacity.....cwt	133,830	133,730	131,730	131,730	(X)
Rye					
Rye ground for flour..... 1,000 bushels	524	333	452	474	1,783
Flour production..... 1,000 cwt	244	159	210	216	829
Millfeed production..... tons	(D)	624	848	959	(D)
Daily 24-hour capacity.....cwt	9,685	9,685	9,655	9,655	(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@usda.gov

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Greg Lemmons – Corn, Flaxseed, Proso Millet	(202) 720-9526
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- Cornell’s Mann Library has launched a new website housing NASS’s and other agencies 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@usda.gov.

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