

# Flour Milling Products

## Summary

1999

Issued August 2000

MQ311A(99)-5

*(Formerly Series No. MQ20A)*

Information about the scope of the survey, methodology, explanation of terms and historical notes for this survey may be found in the introduction of the 1997 Manufacturing Profiles, issued August 1999.

Current data are released electronically on Internet for all individual surveys as they become available. Use: <http://www.census.gov/econ/www/manumenu.html>. Individual reports can be accessed by choosing "Current Industrial Reports (CIR's)," clicking on "Report Number Index;" from the "Industrial Products by Numeric Index," choose the survey of interest. Follow the menu to view the PDF file or to download the worksheet file (WK format) to your personal computer.

These data are also available through the U.S. Department of Commerce and STAT-USA Electronic Bulletin Board by subscription. To access, dial 202-482-3870 and follow the prompts to register. Also, you may call 202-482-1986 or 1-800-STAT-USA, for further information. The Internet address is: [www.stat-usa.gov/](http://www.stat-usa.gov/).

Note: Data are now published on the new North American Industry Classification System (NAICS) basis and therefore are not always comparable to the old Standard Industrial Classification (SIC) code. For further information on NAICS, see [www.census.gov/epcd/www/naics.html](http://www.census.gov/epcd/www/naics.html).

Current  
Industrial  
Reports

Address inquiries concerning these data to Consumer Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Ronanne Vinson, 301-457-4647.

For mail or fax copies of this publication, please contact the Information Services Center, MCD, Washington, DC 20233-6900, or call 301-457-4673.

U S C E N S U S B U R E A U

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. Census Bureau



Table 1. Summary of Commercial Wheat Milling Production: 1984 to 1999

Year	Wheat flour production (1,000 cwt sacks)	Wheat ground for flour (1,000 bushels)	Millfeed production (1,000 tons)	Average pounds per cwt sack of flour	
				Wheat	Millfeed
1999.....	411,968	917,797	7,040	133.7	34.2
1998.....	398,914	895,369	6,955	134.7	34.9
1997.....	404,143	885,843	6,886	131.5	34.1
1996.....	397,776	878,070	7,042	132.4	35.4
1995.....	388,689	869,296	7,144	134.2	36.8
1994.....	392,519	884,707	7,186	135.2	36.6
1993.....	387,419	871,408	6,963	135.0	35.9
1992.....	370,829	833,339	6,707	134.8	36.2
1991.....	362,311	808,966	6,436	134.0	35.5
1990.....	354,348	788,186	6,109	133.5	34.5
1989.....	342,762	761,021	6,072	133.2	35.4
1988.....	344,154	769,699	6,163	134.2	35.8
1987.....	341,565	767,507	6,260	134.8	36.7
1986.....	326,316	737,537	5,799	135.6	35.5
1985.....	313,815	700,151	5,556	133.9	35.4
1984.....	299,832	675,271	5,426	135.1	36.2

Table 2. Commercial Wheat Milling Production by Quarter: 1999 and 1998

Quarter and year	Wheat flour production (1,000 cwt sacks)	Wheat ground for flour (1,000 bushels)	Millfeed production (1,000 tons)	Daily (24-hour) capacity in wheat flour (1,000 cwt sacks)	Wheat flour mill stocks (1,000 cwt)	Average pounds per cwt sack of flour	
						Wheat	Millfeed
1999							
Total.....	411,968	917,797	7,040,124	(X)	(X)	133.7	34.2
Fourth quarter.....	108,213	242,175	1,873,411	1,522	5,099	134.3	34.6
Third quarter.....	104,199	234,039	1,809,328	1,520	4,265	134.8	34.7
Second quarter.....	103,463	228,045	1,722,531	1,519	5,697	132.2	33.3
First quarter.....	96,093	213,538	1,634,854	1,513	5,920	133.3	34.0
1998							
Total.....	398,914	895,369	6,954,947	(X)	(X)	134.7	34.9
Fourth quarter.....	106,525	238,580	1,871,779	1,470	r/ 7,544	134.4	35.1
Third quarter.....	100,187	224,713	1,750,298	1,461	7,345	134.6	34.9
Second quarter.....	96,233	216,591	1,668,693	1,453	6,210	135.0	34.7
First quarter.....	95,969	215,485	1,664,177	1,450	6,245	134.7	34.7

r/Revised by 5 percent or more from previously published data. X Not applicable.

Table 3. Commercial Rye Milling Production by Quarter: 1999 and 1998

Quarter and year	Rye flour production (1,000 cwt sacks)	Rye ground for flour (1,000 bushels)	Millfeed production (tons)	Daily (24-hour) capacity (1,000 cwt sacks)	Stocks of rye flour (1,000 cwt)	Average pounds ground per cwt sack of flour	
						Rye	Millfeed
1999							
Total.....	(D)	(D)	(D)	(X)	(X)	126.1	20.6
Fourth quarter.....	407	(D)	(D)	11	r/ 22	135.0	20.1
Third quarter.....	362	(D)	(D)	11	r/ 17	134.6	20.5
Second quarter.....	350	(D)	(D)	11	r/ 22	117.6	19.6
First quarter.....	(D)	(D)	(D)	11	(D)	117.1	22.3
1998							
Total.....	r/ 1,617	r/ 3,670	(D)	(X)	(X)	124.3	18.8
Fourth quarter.....	r/ 447	1,109	(D)	11	21	136.2	20.3
Third quarter.....	r/ 427	r/ 956	(D)	11	r/ 20	122.2	21.0
Second quarter.....	381	r/ 835	(D)	11	19	121.3	18.1
First quarter.....	r/ 362	r/ 770	(D)	11	17	117.4	15.6

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data. X Not applicable.

Table 4a. Summary of Commercial Wheat Milling Production by Geographic Areas: 1999 and 1998

Geographic area	1999				1998		
	Wheat flour production				Wheat flour production		
	Total (1,000 cwt sacks)	Wheat ground for flour (1,000 bushels)	Daily (24-hour) capacity (cwt sacks)	Total (1,000 cwt sacks)	Wheat ground for flour (1,000 bushels)	Daily (24-hour) capacity (cwt sacks)	
United States.....	411,968	917,797	1,521,803	398,914	895,369	1,469,668	
California and Hawaii.....	29,874	67,031	116,100	30,527	68,407	104,980	
Florida.....	8,752	19,592	31,800	9,508	21,134	31,800	
Illinois.....	20,665	47,429	68,200	20,619	46,880	67,718	
Kansas.....	42,840	93,728	160,344	40,278	88,831	160,844	
Michigan.....	7,853	17,460	32,600	7,739	17,404	32,000	
Minnesota.....	31,041	68,841	120,450	33,999	73,940	120,480	
Missouri..... r/	27,163	54,223	99,740	26,336	58,740	98,095	
New York..... r/	23,971	54,135	111,281	27,508	61,995	107,874	
North Carolina.....	11,838	26,219	r/ 43,575	11,508	25,492	40,075	
Ohio.....	25,187	57,024	90,868	24,310	55,186	88,868	
Oklahoma..... r/	8,545	18,214	29,500	8,113	r/ 18,489	30,500	
Oregon and Washington.....	12,961	28,678	52,232	13,150	r/ 29,398	52,233	
Pennsylvania..... r/	22,658	r/ 48,616	78,862	17,354	38,351	59,262	
Tennessee.....	15,066	36,147	r/ 62,876	15,580	36,673	55,429	
Texas..... r/	17,528	r/ 40,026	61,600	14,649	32,849	49,500	
All other states.....	106,026	240,434	361,775	97,736	221,600	370,010	

r/Revised by 5 percent or more from previously published data.

Table 4b. Quantity of Wheat Flour Produced by Geographic Area: 1999 and 1998  
[1,000 cwt sacks]

Geographic area	Total	First quarter	Second quarter	Third quarter	Fourth quarter
1999					
United States.....	411,968	96,093	103,463	104,199	108,213
California and Hawaii.....	29,874	6,904	7,373	7,432	8,165
Florida.....	8,752	2,288	2,253	2,035	2,176
Illinois.....	20,665	4,783	5,305	5,185	5,392
Kansas.....	42,840	9,856	10,258	10,883	11,843
Michigan.....	7,853	1,991	1,868	2,035	1,959
Minnesota.....	31,041	7,613	8,450	7,591	7,387
Missouri..... r/	27,163 r/	6,444 r/	6,653 r/	6,956 r/	7,110
New York..... r/	23,971 r/	5,720 r/	5,975 r/	6,213 r/	6,063
North Carolina.....	11,838	2,708	3,049	3,094	2,987
Ohio.....	25,187	6,290	5,720	6,467	6,710
Oklahoma..... r/	8,545 r/	1,968 r/	2,213 r/	2,166 r/	2,198
Oregon and Washington.....	12,961	3,102	3,248	3,161	3,450
Pennsylvania..... r/	22,658	4,856	6,460	5,610	5,732
Tennessee.....	15,066	3,673	3,633	3,883	3,877
Texas..... r/	17,528	4,041	4,452	4,528	4,507
All other states.....	106,026	23,856	26,553	26,960	28,657
1998					
United States.....	398,914	95,969	96,233	100,187	106,525
California and Hawaii.....	30,527	7,594	7,576	7,443	7,914
Florida.....	9,508	2,299	2,131	2,392	2,686
Illinois.....	20,619	4,730	4,848	5,201	5,840
Kansas.....	40,278	9,395	9,487	10,336	11,060
Michigan.....	7,739	1,845	1,927	2,000	1,967
Minnesota.....	33,999	7,959	7,785	8,855	9,400
Missouri.....	26,336	6,297	6,568	6,552	6,919
New York.....	27,508	7,038	7,120	6,613	6,737
North Carolina.....	11,508	2,677	2,850	2,984	2,997
Ohio.....	24,310	6,464	5,670	5,826	6,350
Oklahoma..... r/	8,113 r/	1,993	2,130 r/	1,945 r/	2,045
Oregon and Washington.....	13,150	3,226	3,156	3,296	3,472
Pennsylvania..... r/	17,354 r/	4,183 r/	4,115 r/	4,209 r/	4,847
Tennessee.....	15,580	3,674	3,873	3,979	4,054
Texas.....	14,649	3,505	3,532	3,716	3,896
All other states.....	97,736	23,090	23,465	24,840	26,341

r/Revised by 5 percent or more from previously published data.

Table 4c. Quantity of Wheat Ground for Flour by Geographic Area: 1999 and 1998  
[1,000 bushels]

Geographic area	Total	First quarter	Second quarter	Third quarter	Fourth quarter
1999					
United States.....	917,797	213,538	228,045	234,039	242,175
California and Hawaii.....	67,031	15,652	16,406	16,529	18,444
Florida.....	19,592	5,093	5,043	4,562	4,894
Illinois.....	47,429	10,859	12,053	11,962	12,555
Kansas.....	93,728	21,152	22,343	24,053	26,180
Michigan.....	17,460	4,486	4,093	4,532	4,349
Minnesota.....	68,841	16,733	18,388	17,051	16,669
Missouri.....	54,223	12,803	13,117	14,024	14,279
New York..... r/	54,135 r/	12,939 r/	13,265 r/	14,091 r/	13,840 r/
North Carolina.....	26,219	6,017	6,729	6,890	6,583
Ohio.....	57,024	14,248	12,871	14,661	15,244
Oklahoma.....	18,214	4,196	4,703	4,640	4,675
Oregon and Washington.....	28,678	6,871	7,186	7,015	7,606
Pennsylvania..... r/	48,616 r/	10,676 r/	13,006 r/	12,353 r/	12,581 r/
Tennessee.....	36,147	8,815	8,749	9,271	9,312
Texas..... r/	40,026 r/	9,154 r/	10,298 r/	10,291 r/	10,283 r/
All other states.....	240,434	53844	59795	62114	64681
1998					
United States.....	895,369	215,485	216,591	224,713	238,580
California and Hawaii.....	68,407	17,019	16,922	16,873	17,593
Florida.....	21,134	5,116	4,715	5,288	6,015
Illinois.....	46,880	10,783	11,008	11,797	13,292
Kansas.....	88,831	20,747	20,878	22,832	24,374
Michigan.....	17,404	4,131	4,287	4,505	4,481
Minnesota.....	73,940	17,258	16,928	19,302	20,452
Missouri.....	58,740	14,091	14,658	14,696	15,295
New York.....	61,995	15,901	16,036	15,134	14,924
North Carolina.....	25,492	5,909	6,242	6,667	6,674
Ohio.....	55,186	14,729	12,965	13,146	14,346
Oklahoma..... r/	18,489 r/	4,552 r/	4,890 r/	4,381 r/	4,666 r/
Oregon and Washington.....	29,398	7,203 r/	7,053 r/	7,365 r/	7,777 r/
Pennsylvania.....	38,351	9,126	9,223	9,308	10,694
Tennessee.....	36,673	8,694	9,112	9,272	9,595
Texas.....	32,849	7,839	7,883	8,375	8,752
All other states.....	221,600	52,387	53,791	55,772	59,650

r/Revised by 5 percent or more from previously published data.

Table 5. Durum Wheat Products by Quarter: 1999 and 1998

	Unit of measure	Total	First quarter	Second quarter	Third quarter	Fourth quarter
1999						
Durum wheat ground.....	1,000 bushels....	56,314	14,518	13,874	13,638	14,284
Straight semolina.....	1,000 cwt .....	26,086	6,739	6,405	6,360	6,582
Blended semolina.....	1,000 cwt .....	(D)	(D)	(D)	(D)	(D)
1998						
Durum wheat ground.....	1,000 bushels....	58,395 r/	15,426 r/	13,733 r/	14,414 r/	14,822
Straight semolina.....	1,000 cwt .....	27,056 r/	7,008 r/	6,358 r/	6,729 r/	6,961
Blended semolina.....	1,000 cwt .....	(D)	(D)	(D)	(D)	(D)

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.