

Breakfast Cereal Manufacturing: 2002

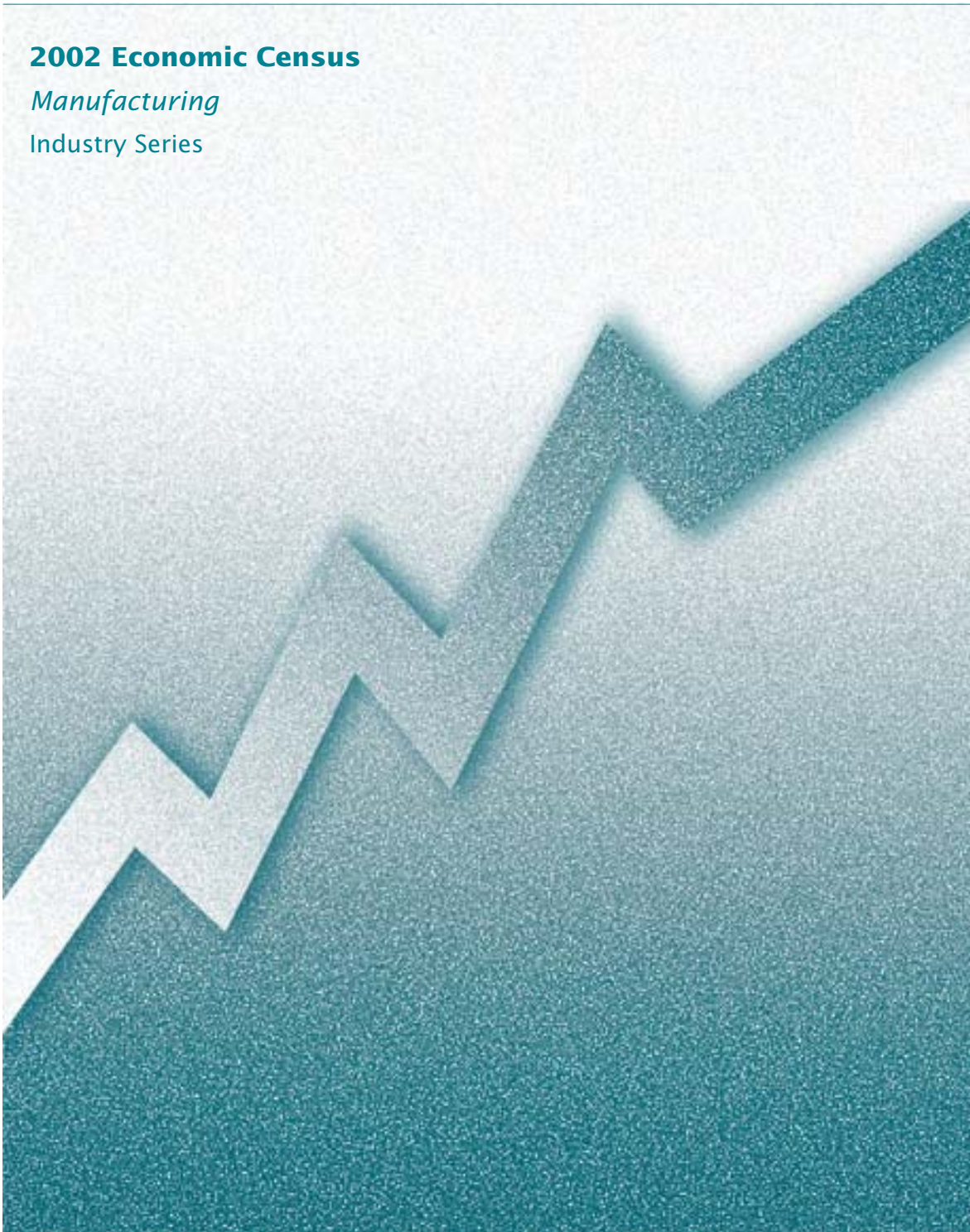
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2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
Economics and Statistics Administration
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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com-panies ²	All estab-lish-ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi-tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
311230, Breakfast cereal manufacturing . . . 2002..	46	66	13 019	703 657	10 690	22 936	548 686	6 670 289	2 293 668	8 934 937	'253 193
2001..	N	N	14 018	739 949	11 567	25 355	583 212	8 700 367	2 700 167	11 412 828	287 111
2000..	N	N	14 555	749 214	11 945	26 499	592 173	8 421 720	2 620 601	11 040 270	304 894
1999..	N	N	14 737	751 173	12 151	26 967	605 305	8 209 103	2 566 686	10 773 943	307 693
1998..	N	N	14 876	723 079	12 297	26 618	583 158	7 105 065	2 546 846	9 644 259	362 526
1997..	48	71	14 396	718 069	11 808	26 019	580 950	6 556 228	2 563 392	9 098 833	300 251

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
	E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)					Wages (\$1,000)
311230, Breakfast cereal manufacturing												
United States.....	—	66	47	13 019	703 657	10 690	22 936	548 686	6 670 289	2 293 668	8 934 937	1253 193
California.....	—	9	6	777	43 698	567	1 114	30 159	722 530	201 594	925 698	116 707
Massachusetts.....	1	6	1	294	11 944	222	406	7 893	44 228	33 480	78 367	2 382
Michigan.....	2	7	6	2 354	138 460	1 931	4 182	108 848	865 105	336 898	1 193 953	177 187

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
311230, Breakfast cereal manufacturing	
Companies ¹	number.. 46
All establishments ²	number.. 66
Establishments with 1 to 19 employees.....	number.. 19
Establishments with 20 to 99 employees.....	number.. 14
Establishments with 100 employees or more.....	number.. 33
All employees ³	number.. 13 019
Total compensation.....	\$1,000.. 895 786
Annual payroll.....	\$1,000.. 703 657
Total fringe benefits.....	\$1,000.. 192 129
Production workers, average for year.....	number.. 10 690
Production workers on March 12.....	number.. 10 638
Production workers on May 12.....	number.. 10 641
Production workers on August 12.....	number.. 10 831
Production workers on November 12.....	number.. 10 651
Production worker hours.....	1,000.. 22 936
Production worker wages.....	\$1,000.. 548 686
Total cost of materials.....	\$1,000.. 2 293 668
Materials, parts, containers, packaging, etc., used.....	\$1,000.. 2 057 475
Resales.....	\$1,000.. 103 928
Purchased fuels.....	\$1,000.. 44 984
Purchased electricity.....	\$1,000.. 56 808
Contract work.....	\$1,000.. 30 473
Quantity of electricity purchased for heat and power.....	1,000 kWh.. 1 267 516
Quantity of electricity generated less sold for heat and power.....	1,000 kWh.. 120 093
Total value of shipments.....	\$1,000.. 8 934 937
Primary products value of shipments.....	\$1,000.. 7 362 791
Secondary products value of shipments.....	\$1,000.. 1 357 717
Total miscellaneous receipts.....	\$1,000.. 214 429
Value of resales.....	\$1,000.. 209 776
Contract receipts.....	\$1,000.. D
Other miscellaneous receipts.....	\$1,000.. D
Primary products specialization ratio.....	percent.. 84
Value of primary products shipments made in all industries.....	\$1,000.. 7 873 773
Value of primary products shipments made in this industry.....	\$1,000.. 7 362 791
Value of primary products shipments made in other industries.....	\$1,000.. 510 982
Coverage ratio.....	percent.. 94
Value added.....	\$1,000.. 6 670 289
Total inventories, beginning of year.....	\$1,000.. 316 712
Finished goods inventories.....	\$1,000.. 100 868
Work-in-process inventories.....	\$1,000.. 8 897
Materials and supplies inventories.....	\$1,000.. 206 947
Total inventories, end of year.....	\$1,000.. 317 760
Finished goods inventories.....	\$1,000.. 127 213
Work-in-process inventories.....	\$1,000.. 11 572
Materials and supplies inventories.....	\$1,000.. 178 975
Gross value of depreciable assets (acquisition costs) at beginning of year.....	\$1,000.. '4 516 426
Total capital expenditures (new and used).....	\$1,000.. '253 193
Buildings and other structures (new and used).....	\$1,000.. '40 656
Machinery and equipment (new and used).....	\$1,000.. '212 537
Automobiles, trucks, etc., for highway use.....	\$1,000.. '961
Computers and peripheral data processing equipment.....	\$1,000.. '21 004
All other expenditures for machinery and equipment.....	\$1,000.. '190 572
Total retirements.....	\$1,000.. '243 145
Gross value of depreciable assets at end of year.....	\$1,000.. '4 526 474
Depreciation charges during year.....	\$1,000.. '260 367
Total rental payments.....	\$1,000.. 26 692
Buildings and other structures.....	\$1,000.. 14 204
Machinery and equipment.....	\$1,000.. 12 488
Total other expenses ⁴	\$1,000.. 313 245
Response coverage ratio ⁵	percent.. 97
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 64 706
Communications services ⁴	\$1,000.. 3 759
Legal services ⁴	\$1,000.. 902
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 536
Advertising and promotional services ⁴	\$1,000.. 72 718
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 4 900
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 7 364
Management consulting and administrative services ⁴	\$1,000.. 3 580
Taxes and license fees ⁴	\$1,000.. 26 006
All other expenses ⁴	\$1,000.. 128 775

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
311230, Breakfast cereal manufacturing											
All establishments	—	66	13 019	703 657	10 690	22 936	548 686	6 670 289	2 293 668	8 934 937	'253 193
Establishments with—											
1 to 4 employees	9	13	21	1 015	15	28	762	13 428	3 579	17 007	'356
5 to 9 employees	8	2	a	D	D	D	D	D	D	D	D
10 to 19 employees	2	4	b	D	D	D	D	D	D	D	D
20 to 49 employees	—	6	211	7 790	137	305	3 711	91 382	92 677	182 797	'3 927
50 to 99 employees	6	8	583	25 995	427	864	15 359	203 280	61 212	263 247	'5 378
100 to 249 employees	1	14	2 603	123 143	2 081	4 299	89 330	1 392 350	361 664	1 748 065	85 874
250 to 499 employees	—	12	4 432	228 015	3 749	8 182	181 037	2 575 461	795 458	3 375 398	'74 840
500 to 999 employees	—	6	3 859	242 450	3 188	6 653	196 985	2 117 911	740 200	2 834 024	69 230
1,000 to 2,499 employees	—	1	g	D	D	D	D	D	D	D	D
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	15	39	2 152	30	60	1 669	28 652	7 749	36 401	'1 159

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
311230	Breakfast cereal manufacturing	66	13 019	703 657	10 690	22 936	548 686	6 670 289	2 293 668	8 934 937	'253 193
3112301	Ready-to-serve breakfast cereal foods (except infant cereals)	35	9 649	554 503	7 863	16 767	435 441	5 975 290	1 815 726	7 768 534	'216 444
3112304	Other breakfast cereal foods	13	3 282	143 985	2 791	6 097	111 240	594 175	405 253	991 806	'33 436

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311230	Breakfast cereal manufacturing	2002.. N 1997.. N	X X	X X	7 873 773 7 446 787
3112301	Ready-to-serve breakfast cereal foods (except infant cereals)	2002.. N 1997.. N	X X	X X	7 102 397 6 729 803
31123011	Ready to serve corn flakes and other corn breakfast foods (except infant cereals)	2002.. N 1997.. N	X X	X X	2 151 993 2 026 594
3112301111	Ready-to-serve corn flakes and other corn breakfast foods (except infant cereals), with fruits and/or nuts	mil lb. 2002.. 6 1997.. 7	X X	S D	260 203 D
3112301121	Ready-to-serve corn flakes and other corn breakfast foods (except infant cereals), without fruits or nuts	mil lb. 2002.. 16 1997.. 16	X X	P774.7 D	1 891 790 D
31123012	Ready to serve wheat flakes and other wheat breakfast foods (except infant cereals)	2002.. N 1997.. N	X X	X X	1 300 056 1 253 313
3112301231	Ready-to-serve wheat flakes and other wheat breakfast foods (except infant cereals), with fruits and/or nuts	mil lb. 2002.. 8 1997.. 7	X X	276.4 P258.8	493 152 463 675
3112301241	Ready-to-serve wheat flakes and other wheat breakfast foods (except infant cereals), without fruits or nuts	mil lb. 2002.. 11 1997.. 12	X X	438.2 405.0	806 904 789 638
31123013	Ready to serve oat breakfast foods (except infant cereals)	2002.. N 1997.. N	X X	X X	D 1 274 297
3112301351	Ready-to-serve oat breakfast foods (except infant cereals), with fruits and/or nuts	mil lb. 2002.. 5 1997.. 5	X X	D S	D 62 834
3112301361	Ready-to-serve oat breakfast foods (except infant cereals), without fruits and/or nuts	mil lb. 2002.. 8 1997.. 10	X X	D 526.5	D 1 211 463
31123014	Ready to serve rice breakfast foods (except infant cereals)	2002.. N 1997.. N	X X	X X	655 500 789 536
3112301471	Ready-to-serve rice breakfast foods (except infant cereals), with fruits and/or nuts	mil lb. 2002.. 2 1997.. 1	X X	D D	D D
3112301481	Ready to serve rice breakfast foods (except infant cereals), without fruits or nuts	mil lb. 2002.. 13 1997.. 10	X X	308.1 D	D D
31123015	Ready-to-serve breakfast preparations of other grains and mixed grains (except infant cereals)	2002.. N 1997.. N	X X	X X	D 1 318 742
3112301591	Ready-to-serve breakfast preparations of other grains and mixed grains (except infant cereals), with fruits and/or nuts	mil lb. 2002.. 7 1997.. 6	X X	D D	D D
31123015A1	Ready-to-serve breakfast preparations of other grains and mixed grains (except infant cereals), without fruits or nuts	mil lb. 2002.. 13 1997.. 10	X X	D D	D D
3112301Y	Ready-to-serve breakfast cereal foods (except infant cereals), nsk	2002.. N 1997.. N	X X	X X	49 382 67 321
3112301YVV	Ready-to-serve breakfast cereal foods (except infant cereals), nsk	2002.. N 1997.. N	X X	X X	49 382 67 321
3112304	Other breakfast cereal foods	2002.. N 1997.. N	X X	X X	663 686 690 561
31123041	Other breakfast cereal foods	2002.. N 1997.. N	X X	X X	663 686 688 549
3112304111	Infants' cereals, all types	mil lb. 2002.. 8 1997.. 2	X X	S D	95 158 D
3112304121	Instant hot cereals, all types of grains (mix with hot water and eat type)	mil lb. 2002.. 6 1997.. 6	X X	S 39.0	334 680 384 915
3112304131	Farina and other wheat foods intended to be cooked before serving, except instant and infants' cereals	mil lb. 2002.. 7 1997.. 5	X X	S D	84 510 D
3112304141	Rolled oats and oatmeal intended to be cooked before serving, except instant and infants' cereals	mil lb. 2002.. 8 1997.. 10	X X	140.3 S	D 92 411
3112304151	Cereal preparations of other grains and mixed grains intended to be cooked before serving, except instant and infants' cereals	mil lb. 2002.. 3 1997.. 4	X X	D 3.6	D 36 065
3112304Y	Other breakfast cereal foods, nsk	2002.. N 1997.. N	X X	X X	- 2 012
3112304YVV	Other breakfast cereal foods, nsk	2002.. N 1997.. N	X X	X X	- 2 012
311230W	Breakfast cereal manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	107 690 26 423
311230WY	Breakfast cereal manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	107 690 26 423
311230WYVV	Breakfast cereal manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	72 702 8 564
311230WYVY	Breakfast cereal manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	34 988 17 859

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3112301	Ready-to-serve breakfast cereal foods (except infant cereals)	
	United States.....	2002.. 7 102 397 1997.. 6 729 803
	Michigan.....	2002.. 1 078 866 1997.. N
3112304	Other breakfast cereal foods	
	United States.....	2002.. 663 686 1997.. 690 561

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
311230	Breakfast cereal manufacturing		
0090001	Total materials	X	2 057 475
	.....2002..	X	2 303 772
	.....1997..	X	
11114003	Wheat mil bushels	S	74 132
	.....2002..	110.9	72 079
	.....1997..	817.2	92 673
11119913	Oats mil bushels	S	103 950
	.....2002..		
	.....1997..		
11115003	Corn mil bushels	S	45 480
	.....2002..	D	D
	.....1997..	D	D
11119911	Barley..... mil bushels	S	1 706
	.....2002..	S	9 606
	.....1997..	S	
11116000	Rice, rough mil lb.	372.3	45 549
	.....2002..	321.5	60 911
	.....1997..		
11110003	Other grains (excluding wheat, oats, corn, barley, and rice (rough)) mil bushels	16.5	13 085
	.....2002..	S	6 291
	.....1997..	S	
31121119	Corn grits 1,000 cwt.	3 723.7	38 486
	.....2002..	S	47 170
	.....1997..	S	
31121121	Corn meal and flakes 1,000 cwt.	D	D
	.....2002..	S	58 408
	.....1997..		
31121101	Wheat flour 1,000 cwt.	1 870.5	22 770
	.....2002..	S	38 350
	.....1997..	S	
31121133	Flour (excluding wheat) mil lb.	333.4	46 133
	.....2002..	1723.1	100 307
	.....1997..	D	D
31121131	Prepared flour mixes mil lb.	D	D
	.....2002..	D	D
	.....1997..		
31131005	Sugar, cane and beet (sugar solids), excluding brown 1,000 s tons	578.5	253 904
	.....2002..	608.9	339 926
	.....1997..	16.5	3 917
31131009	Brown sugar, cane and beet (sugar solids) 1,000 s tons	S	19 516
	.....2002..	S	24 221
	.....1997..	S	38 940
31100015	Fats and oils mil lb.	78.9	
	.....2002..	87.4	
	.....1997..		
31142307	Raisins 1,000 cwt.	591.9	46 917
	.....2002..	S	69 555
	.....1997..	S	
31142313	Fruits, dried (excluding raisins) 1,000 cwt.	400.5	64 554
	.....2002..	S	23 401
	.....1997..	D	D
31191103	Nutmeats, dried and dehydrated 1,000 cwt.	D	D
	.....2002..	31.0	11 389
	.....1997..		
11100031	Nuts and nutmeats, raw 1,000 cwt.	145 450.0	26 388
	.....2002..	S	40 234
	.....1997..	S	
001900A1	Packaging paper and plastics film, coated and laminated 2002..	X	139 885
	.....1997..	X	152 376
001900A3	Bags (plastics, foil, and coated paper) 2002..	X	26 224
	.....1997..	X	74 363
32222401	Bags (uncoated paper and multiwall) 2002..	X	D
	.....1997..	X	D
32221001	Paperboard containers, boxes, and corrugated paperboard 2002..	X	397 620
	.....1997..	X	484 114
00970099	All other materials and components, parts, containers, and supplies 2002..	X	472 600
	.....1997..	X	455 361
00971000	Materials, ingredients, containers, and supplies, nsk 2002..	X	183 975
	.....1997..	X	47 954

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.