

Chocolate and Confectionery Manufacturing From Cacao Beans: 2002

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2002 Economic Census

Manufacturing

Industry Series



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



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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)					
311320, Chocolate and confectionery manufacturing from cacao beans	2002..	137	150	8 638	378 081	6 951	14 758	289 828	1 902 550	2 186 271	4 076 050	'97 961
	2001..	N	N	9 045	347 300	7 509	14 636	255 593	2 550 010	2 044 411	4 552 566	75 937
	2000..	N	N	9 083	342 949	7 654	14 772	254 643	2 199 295	1 960 349	4 174 915	60 874
	1999..	N	N	8 945	330 736	7 406	14 111	247 150	2 041 096	1 928 418	3 959 097	147 418
	1998..	N	N	10 000	361 590	7 909	15 530	252 014	2 520 035	2 149 800	4 576 248	110 510
	1997..	152	163	9 946	383 045	7 350	14 366	248 383	1 821 177	1 925 201	3 755 268	69 718

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	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)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
311320, Chocolate and confectionery manufacturing from cacao beans												
United States.....	1	150	37	8 638	378 081	6 951	14 758	289 828	1 902 550	2 186 271	4 076 050	'97 961
New Jersey	2	12	4	345	12 484	287	545	10 219	76 247	111 775	185 504	'1 016
New York	-	19	3	551	26 716	455	958	21 343	38 724	143 528	181 416	'479
Pennsylvania.....	-	16	6	3 079	161 364	2 564	5 717	131 257	884 520	907 684	1 802 870	'12 628
Wisconsin	-	6	4	988	38 946	726	1 422	23 338	223 694	340 509	562 094	'16 497

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
311320, Chocolate and confectionery manufacturing from cacao beans	
Companies ¹	number.. 137
All establishments ²	number.. 150
Establishments with 1 to 19 employees	number.. 113
Establishments with 20 to 99 employees	number.. 17
Establishments with 100 employees or more	number.. 20
All employees ³	number.. 8 638
Total compensation	\$1,000.. 508 682
Annual payroll	\$1,000.. 378 081
Total fringe benefits	\$1,000.. 130 601
Production workers, average for year	number.. 6 951
Production workers on March 12	number.. 7 468
Production workers on May 12	number.. 5 220
Production workers on August 12	number.. 7 370
Production workers on November 12	number.. 7 747
Production worker hours	1,000.. 14 758
Production worker wages	\$1,000.. 289 828
Total cost of materials	\$1,000.. 2 186 271
Materials, parts, containers, packaging, etc., used	\$1,000.. 1 973 351
Resales	\$1,000.. 161 904
Purchased fuels	\$1,000.. 12 402
Purchased electricity	\$1,000.. 31 883
Contract work	\$1,000.. 6 731
Quantity of electricity purchased for heat and power	1,000 kWh.. 533 211
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 2 720
Total value of shipments	\$1,000.. 4 076 050
Primary products value of shipments	\$1,000.. 3 694 829
Secondary products value of shipments	\$1,000.. 188 589
Total miscellaneous receipts	\$1,000.. 192 632
Value of resales	\$1,000.. 187 447
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 95
Value of primary products shipments made in all industries	\$1,000.. 3 957 807
Value of primary products shipments made in this industry	\$1,000.. 3 694 829
Value of primary products shipments made in other industries	\$1,000.. 262 978
Coverage ratio	percent.. 93
Value added	\$1,000.. 1 902 550
Total inventories, beginning of year	\$1,000.. 547 712
Finished goods inventories	\$1,000.. 264 176
Work-in-process inventories	\$1,000.. 61 924
Materials and supplies inventories	\$1,000.. 221 612
Total inventories, end of year	\$1,000.. 575 809
Finished goods inventories	\$1,000.. 273 773
Work-in-process inventories	\$1,000.. 65 098
Materials and supplies inventories	\$1,000.. 236 938
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '1 841 781
Total capital expenditures (new and used)	\$1,000.. '97 961
Buildings and other structures (new and used)	\$1,000.. '14 296
Machinery and equipment (new and used)	\$1,000.. '83 665
Automobiles, trucks, etc., for highway use	\$1,000.. '1 626
Computers and peripheral data processing equipment	\$1,000.. '3 159
All other expenditures for machinery and equipment	\$1,000.. '78 880
Total retirements	\$1,000.. '69 569
Gross value of depreciable assets at end of year	\$1,000.. '1 870 173
Depreciation charges during year	\$1,000.. '101 041
Total rental payments	\$1,000.. 14 397
Buildings and other structures	\$1,000.. 6 439
Machinery and equipment	\$1,000.. 7 958
Total other expenses ⁴	\$1,000.. 165 805
Response coverage ratio ⁵	percent.. 90
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 24 707
Communications services ⁴	\$1,000.. 1 680
Legal services ⁴	\$1,000.. 930
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 528
Advertising and promotional services ⁴	\$1,000.. 1 953
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 1 162
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 6 178
Management consulting and administrative services ⁴	\$1,000.. 5 529
Taxes and license fees ⁴	\$1,000.. 3 932
All other expenses ⁴	\$1,000.. 119 206

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)				
311320, Chocolate and confectionery manufacturing from cacao beans											
All establishments	1	150	8 638	378 081	6 951	14 758	289 828	1 902 550	2 186 271	4 076 050	'97 961
Establishments with—											
1 to 4 employees	9	88	168	5 938	134	245	4 536	28 482	27 673	56 154	'841
5 to 9 employees	8	19	113	3 886	81	156	2 885	21 450	19 755	41 032	'583
10 to 19 employees	2	6	91	3 169	60	126	1 637	11 952	14 434	26 104	'509
20 to 49 employees	7	11	313	9 167	230	432	6 340	42 595	48 424	90 568	'911
50 to 99 employees	1	6	e	D	D	D	D	D	D	D	D
100 to 249 employees	4	9	1 359	55 683	1 027	2 127	36 261	245 673	391 597	637 541	'22 421
250 to 499 employees	—	7	2 392	106 621	1 760	3 779	74 060	498 245	786 725	1 265 294	'34 875
500 to 999 employees	—	3	g	D	D	D	D	D	D	D	D
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	86	195	7 116	164	309	5 914	38 841	37 633	76 474	'1 082

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)				
311320	Chocolate and confectionery manufacturing from cacao beans	150	8 638	378 081	6 951	14 758	289 828	1 902 550	2 186 271	4 076 050	'97 961
3113201	Chocolate coatings, made from cacao beans	7	631	23 511	433	848	13 656	102 168	192 203	292 275	'2 679
3113204	Chocolate and chocolate-type confectionery products, made from cacao beans	12	5 370	262 949	4 596	9 813	215 481	1 326 891	1 252 982	2 581 549	'56 193
3113207	Other chocolate and cocoa products, made from cacao beans .	23	2 278	79 861	1 635	3 599	51 601	415 256	685 737	1 088 914	'37 438

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)
311320	Chocolate and confectionery manufacturing from cacao beans	2002.. N 1997.. N	X X	X X	3 957 807 3 670 691
3113201	Chocolate coatings, made from cacao beans	2002.. N 1997.. N	X X	X X	666 496 639 816
31132011	Milk chocolate coatings, made from cacao beans	2002.. N 1997.. N	X X	X X	234 966 190 098
3113201111	Milk chocolate coatings, made from cacao beans ¹	2002.. 11 1997.. 17	X X	256.4 144.4	234 966 190 098
31132012	Sweet and liquor chocolate coatings, made from cacao beans	2002.. N 1997.. N	X X	X X	242 647 206 353
3113201221	Sweet chocolate coatings, made from cacao beans ¹	2002.. 10 1997.. 15	X X	118.7 86.5	99 998 119 853
3113201231	Liquor chocolate coatings, made from cacao beans ¹	2002.. 7 1997.. 9	X X	123.2 82.7	142 649 86 500
31132013	Confectionery coatings (made chiefly from cocoa and fats (except coatings made from cocoa butter)), including ice cream coatings, made from cacao beans	2002.. N 1997.. N	X X	X X	185 880 235 614
3113201341	Confectionery coatings (made chiefly from cocoa and fats (except coatings made from cocoa butter)), including ice cream coatings, made from cacao beans ¹	2002.. 11 1997.. 15	X X	262.3 222.0	185 880 235 614
3113201Y	Chocolate coatings, made from cacao beans, nsk	2002.. N 1997.. N	X X	X X	3 003 7 751
3113201YV	Chocolate coatings, made from cacao beans, nsk	2002.. N 1997.. N	X X	X X	3 003 7 751
3113204	Chocolate and chocolate-type confectionery products, made from cacao beans	2002.. N 1997.. N	X X	X X	2 028 528 1 916 439
31132041	Chocolate and chocolate-type confectionery products, made from cacao beans	2002.. N 1997.. N	X X	X X	2 028 528 1 916 439
3113204100	Chocolate and chocolate-type confectionery products, made from cacao beans ²	2002.. 15 1997.. 9	X X	S X	2 028 528 1 916 439
3113207	Other chocolate and cocoa products, made from cacao beans	2002.. N 1997.. N	X X	X X	1 161 045 1 022 816
31132071	Sweetened chocolate, except coatings, made from cacao beans	2002.. N 1997.. N	X X	X X	314 872 229 093
3113207111	Sweetened chocolate, except coatings, made from cacao beans	2002.. 12 1997.. 12	X X	332.3 207.4	314 872 229 093
31132072	Unsweetened chocolate and sweetened and unsweetened cocoa powder, except coatings, made from cacao beans	2002.. N 1997.. N	X X	X X	451 779 433 198
3113207221	Unsweetened chocolate, except coatings, made from cacao beans ¹	2002.. 4 1997.. 7	X X	D D	D D
3113207231	Sweetened (or mixed with other substances) cocoa powder, in cans or packages 2 1/2 lb or less, made from cacao beans ¹	2002.. 7 1997.. 10	X X	D D	D D
3113207241	Sweetened (or mixed with other substances) cocoa powder, in other containers and in bulk (barrels, drums, etc.), made from cacao beans ¹	2002.. 6 1997.. 10	X X	98.8 167.7	107 382 126 750
3113207251	Unsweetened cocoa powder, made from cacao beans ¹	2002.. 10 1997.. 16	X X	218.1 190.5	192 827 142 514
31132073	Cocoa butter, liquor, and cocoa base chocolate syrup, made from cacao beans	2002.. N 1997.. N	X X	X X	325 434 311 135
3113207360	Cocoa butter, made from cacao beans ¹	2002.. 6 1997.. 6	X X	D 81.9	D 145 761
3113207371	Chocolate liquor base syrup, in cans or packages 16 oz or less, made from cacao beans ¹	2002.. 1 1997.. 6	X X	D D	D D
3113207381	Chocolate liquor base syrup, in other containers or in bulk, made from cacao beans ¹	2002.. 5 1997.. 11	X X	43.0 D	31 752 D
3113207391	Cocoa powder base chocolate syrup, made from cacao beans ¹	2002.. 7 1997.. 15	X X	S 55.0	145 460 32 321
3113207Y	Other chocolate and cocoa products, made from cacao beans, nsk	2002.. N 1997.. N	X X	X X	68 960 49 390
3113207YV	Other chocolate and cocoa products, made from cacao beans, nsk	2002.. N 1997.. N	X X	X X	68 960 49 390
311320W	Chocolate and confectionery manufacturing from cacao beans, nsk, total	2002.. N 1997.. N	X X	X X	101 738 91 620
311320WY	Chocolate and confectionery manufacturing from cacao beans, nsk, total	2002.. N 1997.. N	X X	X X	101 738 91 620
311320WYV	Chocolate and confectionery manufacturing from cacao beans, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	33 516 27 178
311320WYVY	Chocolate and confectionery manufacturing from cacao beans, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	68 222 64 442

¹For additional detail, see Current Industrial Report MA311D, Confectionery.

²For additional detail, see Current Industrial Report MA311D, Confectionery. Also, this product code is primary to more than one industry. See industry 311330, product codes 3113301100 and 3113302100.

Table 6a. Products Statistics: 2002 and 1997—Con.

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)
3113201	Chocolate coatings, made from cacao beans	
	United States.....	2002.. 666 496 1997.. 639 816
	Pennsylvania.....	2002.. 339 974 1997.. N
	Wisconsin.....	2002.. 147 060 1997.. 224 275
3113204	Chocolate and chocolate-type confectionery products, made from cacao beans	
	United States.....	2002.. 2 028 528 1997.. 1 916 439
3113207	Other chocolate and cocoa products, made from cacao beans	
	United States.....	2002.. 1 161 045 1997.. 1 022 816
	New Jersey.....	2002.. 105 493 1997.. 41 027
	New York.....	2002.. 21 445 1997.. N
	Pennsylvania.....	2002.. 374 580 1997.. 336 847
	Wisconsin.....	2002.. 209 373 1997.. 245 525

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)
311320	Chocolate and confectionery manufacturing from cacao beans		
00900001	Total materials	X	1 973 351
	.....2002..	X	1 795 911
	.....1997..		
31122117	Crystalline fructose (dry fructose)	D	D
	..... mil lb. .2002..	.7	348
	.....1997..		
11100003	Nuts, in shell (including peanuts)	D	D
	..... mil lb. .2002..	D	D
	.....1997..		
31191101	Nutmeats (including peanuts), processed	D	D
	..... mil lb. .2002..	D	D
	.....1997..		
11100029	Nutmeats, raw	D	D
	..... mil lb. .2002..		
	.....1997..		
31150000	Milk and milk products	6.4	7 825
	..... mil gal. .2002..	S	145 166
	.....1997..	X	118 225
31122103	High fructose corn syrup (HFCS) (solids)	D	D
	..... mil lb. .2002..	D	D
	.....1997..		
31122119	Dextrose and corn syrup, including corn syrup solids (dry weight)	S	10 857
	..... mil lb. .2002..	105.7	13 750
	.....1997..		
32510053	Sugar substitutes (mannitol, sorbitol, etc.)	S	6 183
	..... 1,000 s tons .2002..	D	D
	.....1997..		
31131001	Sugar, cane and beet (sugar solids)	S	229 737
	..... 1,000 s tons .2002..	N	N
	.....1997..		
31100021	Fats and oils (including shortening)	P116.1	43 455
	..... mil lb. .2002..	96.9	43 972
	.....1997..		
31132003	Chocolate coatings	10.3	12 384
	..... 1,000 s tons .2002..	199.9	193 009
	.....1997..		
31132005	Unsweetened chocolate (chocolate liquor)	S	43 164
	..... 1,000 s tons .2002..	33.8	61 148
	.....1997..		
11130007	Cocoa beans	S	481 977
	..... 1,000 s tons .2002..	408.7	410 602
	.....1997..		
31132007	Cocoa, pressed cake and powder	69.1	74 686
	..... 1,000 s tons .2002..	48.2	33 854
	.....1997..		
31132009	Cocoa butter	S	228 020
	..... mil lb. .2002..	P146.5	265 459
	.....1997..		
32510063	Essential oils and flavors, synthetic	X	25 295
	.....2002..	X	14 849
	.....1997..		
31134003	Chewing gum base (including chicle)	X	D
	.....2002..	X	N
	.....1997..		
00190045	Fruits, fresh and dried	D	D
	..... mil lb. .2002..	N	N
	.....1997..		
001900A1	Packaging paper and plastics film, coated and laminated	X	61 297
	.....2002..	X	69 787
	.....1997..		
33299901	Aluminum foil packaging products, converted or rolls and sheets	X	D
	.....2002..	X	16 784
	.....1997..		
32221001	Paperboard containers, boxes, and corrugated paperboard	X	76 639
	.....2002..	X	68 586
	.....1997..		
32610029	Plastics containers	X	D
	.....2002..	X	D
	.....1997..		
32721301	Glass containers	X	411
	.....2002..	X	D
	.....1997..		
33243101	Metal cans, lids, and ends	X	12 126
	.....2002..	X	1 611
	.....1997..		
00970099	All other materials and components, parts, containers, and supplies	X	237 769
	.....2002..	X	276 633
	.....1997..		
00971000	Materials, ingredients, containers, and supplies, nsk	X	129 382
	.....2002..	X	88 775
	.....1997..		

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.