

# Soft Drink Manufacturing: 2002

Issued December 2004

EC02-311-312111 (RV)

## 2002 Economic Census

*Manufacturing*

Industry Series



**USCENSUSBUREAU**

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



## CONTENTS

Introduction to the Economic Census .....	v
Manufacturing .....	ix
Tables	
1. Historical Statistics for the Industry: 2002 and Earlier Years ...	1
2. Industry Statistics for Selected States: 2002 .....	2
3. Detailed Statistics by Industry: 2002 .....	3
4. Industry Statistics by Employment Size: 2002.....	4
5. Industry Statistics by Primary Product Class Specialization: 2002 .....	5
6a. Products Statistics: 2002 and 1997 .....	6
6b. Product Class Shipments for Selected States: 2002 and 1997 .	9
7. Materials Consumed by Kind: 2002 and 1997.....	11
Appendixes	
A. Explanation of Terms .....	A-1
B. NAICS Codes, Titles, and Descriptions .....	B-1
C. Methodology.....	C-1
D. Geographic Notes .....	--
E. Metropolitan and Micropolitan Statistical Areas .....	--
F. Comparability of Product Classes and Product Codes: 2002 to 1997.....	F-1

-- 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 <sup>1</sup>	Com- panies <sup>2</sup>	All estab- lish- ments <sup>3</sup>	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 <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
312111, Soft drink manufacturing . . . . . 2002..	294	514	62 802	2 377 467	28 564	59 535	961 238	12 409 900	19 445 345	31 821 296	'1 143 882
2001..	N	N	74 122	2 623 340	31 106	64 868	971 804	13 281 107	21 146 077	34 383 286	878 406
2000..	N	N	73 806	2 541 043	32 213	68 740	984 901	12 553 367	20 471 967	33 018 331	896 498
1999..	N	N	70 747	2 386 833	30 793	66 016	947 949	12 976 878	19 455 383	32 318 555	802 349
1998..	N	N	73 212	2 426 218	31 567	67 403	946 248	13 395 157	18 917 030	32 268 227	877 411
1997..	388	614	73 343	2 377 922	31 712	69 764	930 608	12 422 141	18 979 093	31 376 263	832 284

<sup>1</sup>Statistics 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).

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

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number 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 <sup>2</sup>		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 <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)					Wages (\$1,000)
312111, Soft drink manufacturing												
United States.....	1	514	380	62 802	2 377 467	28 564	59 535	961 238	12 409 900	19 445 345	31 821 296	<sup>†</sup> 1 143 882
Alabama.....	1	6	5	1 425	46 973	696	1 546	17 475	145 313	433 986	578 689	<sup>†</sup> 26 005
Arizona.....	1	11	8	1 349	46 483	457	934	13 467	173 186	433 152	608 435	<sup>†</sup> 23 608
California.....	—	51	37	6 556	271 934	2 755	5 712	112 004	1 843 293	1 941 796	3 774 197	<sup>†</sup> 167 751
Colorado.....	—	6	6	1 065	40 535	295	637	8 133	266 552	259 825	522 092	<sup>†</sup> 39 735
Connecticut.....	9	8	2	192	6 705	101	213	3 007	17 227	54 021	71 248	<sup>†</sup> 2 375
Florida.....	1	22	20	3 193	91 555	1 545	3 402	36 408	519 375	1 148 580	1 662 162	<sup>†</sup> 89 657
Georgia.....	1	13	11	1 874	60 456	795	1 618	21 906	308 681	496 226	800 779	<sup>†</sup> 47 141
Hawaii.....	—	6	5	448	17 049	139	274	3 994	45 649	95 158	141 310	<sup>†</sup> 4 691
Illinois.....	1	18	11	1 860	65 440	727	1 518	25 696	321 445	448 561	777 871	<sup>†</sup> 8 210
Indiana.....	—	8	8	1 189	40 763	924	1 917	28 788	489 947	679 677	1 162 252	<sup>†</sup> 59 957
Iowa.....	2	4	4	609	18 363	216	410	7 113	116 099	137 713	255 377	<sup>†</sup> 5 286
Kentucky.....	4	10	8	996	36 520	274	549	8 878	98 114	166 752	264 050	<sup>†</sup> 7 633
Louisiana.....	—	9	7	1 135	31 723	551	1 190	15 478	34 965	363 430	398 452	<sup>†</sup> 22 377
Maryland.....	1	13	11	1 242	51 950	512	1 023	18 612	159 190	477 229	637 493	<sup>†</sup> 20 437
Massachusetts.....	2	10	6	1 680	66 944	846	1 780	29 680	173 675	460 632	637 354	<sup>†</sup> 14 100
Michigan.....	—	15	14	3 495	134 741	1 504	2 967	55 839	836 796	941 682	1 771 737	<sup>†</sup> 47 607
Minnesota.....	—	7	4	869	38 203	511	1 076	14 913	73 312	444 202	517 545	<sup>†</sup> 9 724
Missouri.....	—	11	8	1 114	32 547	748	1 580	17 956	278 924	379 642	655 920	<sup>†</sup> 18 333
Montana.....	4	6	4	247	6 691	121	146	1 768	15 858	43 300	58 883	<sup>†</sup> 2 866
New Jersey.....	—	19	11	2 314	104 765	1 211	2 617	53 715	619 117	604 639	1 223 816	<sup>†</sup> 32 729
New York.....	3	37	20	3 969	148 682	1 917	3 910	64 867	721 666	978 275	1 697 472	<sup>†</sup> 74 229
North Carolina.....	1	15	13	1 453	58 616	658	1 348	24 730	593 130	533 872	1 127 040	<sup>†</sup> 22 235
Ohio.....	3	20	16	3 341	119 759	1 695	3 506	55 717	766 187	1 126 802	1 903 045	<sup>†</sup> 25 213
Oklahoma.....	—	7	4	1 067	39 342	169	395	5 060	173 724	238 054	412 153	<sup>†</sup> 17 855
Oregon.....	2	9	6	662	26 914	170	342	5 630	92 419	210 172	301 313	<sup>†</sup> 10 768
Pennsylvania.....	1	30	18	3 966	164 484	1 892	3 917	69 518	511 407	879 590	1 402 169	<sup>†</sup> 55 415
South Carolina.....	—	4	3	642	19 838	238	557	7 740	167 601	260 470	427 709	<sup>†</sup> 11 024
Tennessee.....	—	15	9	967	34 815	607	1 334	20 200	315 278	516 197	832 343	<sup>†</sup> 20 432
Texas.....	1	39	32	6 776	272 678	2 827	5 978	89 141	1 247 289	1 987 585	3 227 134	<sup>†</sup> 91 410
Utah.....	4	4	4	336	12 763	195	408	6 456	40 335	192 494	231 623	<sup>†</sup> 9 378
Virginia.....	—	15	13	1 387	54 878	597	1 240	20 845	254 209	549 112	803 568	<sup>†</sup> 16 008
Washington.....	—	15	14	1 255	51 341	680	1 342	26 365	197 728	421 408	611 492	<sup>†</sup> 15 118
Wisconsin.....	—	11	7	905	35 601	601	1 249	23 656	178 238	342 073	523 148	<sup>†</sup> 10 211

<sup>1</sup>Some 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.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number 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
<b>312111, Soft drink manufacturing</b>	
Companies <sup>1</sup> .....	number.. 294
All establishments <sup>2</sup> .....	number.. 514
Establishments with 1 to 19 employees .....	number.. 134
Establishments with 20 to 99 employees .....	number.. 157
Establishments with 100 employees or more .....	number.. 223
All employees <sup>3</sup> .....	number.. 62 802
Total compensation .....	\$1,000.. 3 053 041
Annual payroll .....	\$1,000.. 2 377 467
Total fringe benefits .....	\$1,000.. 675 574
Production workers, average for year .....	number.. 28 564
Production workers on March 12 .....	number.. 27 887
Production workers on May 12 .....	number.. 28 961
Production workers on August 12 .....	number.. 29 288
Production workers on November 12 .....	number.. 28 048
Production worker hours .....	1,000.. 59 535
Production worker wages .....	\$1,000.. 961 238
Total cost of materials .....	\$1,000.. 19 445 345
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 17 402 146
Resales .....	\$1,000.. 1 715 633
Purchased fuels .....	\$1,000.. 86 927
Purchased electricity .....	\$1,000.. 148 113
Contract work .....	\$1,000.. 92 526
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 2 230 638
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. 12 305
Total value of shipments .....	\$1,000.. 31 821 296
Primary products value of shipments .....	\$1,000.. 27 653 425
Secondary products value of shipments .....	\$1,000.. 1 924 815
Total miscellaneous receipts .....	\$1,000.. 2 242 793
Value of resales .....	\$1,000.. 2 161 266
Contract receipts .....	\$1,000.. 38 393
Other miscellaneous receipts .....	\$1,000.. 43 134
Primary products specialization ratio .....	percent.. 93
Value of primary products shipments made in all industries .....	\$1,000.. 28 923 357
Value of primary products shipments made in this industry .....	\$1,000.. 27 653 425
Value of primary products shipments made in other industries .....	\$1,000.. 1 269 932
Coverage ratio .....	percent.. 96
Value added .....	\$1,000.. 12 409 900
Total inventories, beginning of year .....	\$1,000.. 1 236 996
Finished goods inventories .....	\$1,000.. 643 010
Work-in-process inventories .....	\$1,000.. 50 932
Materials and supplies inventories .....	\$1,000.. 543 054
Total inventories, end of year .....	\$1,000.. 1 289 045
Finished goods inventories .....	\$1,000.. 673 538
Work-in-process inventories .....	\$1,000.. 54 372
Materials and supplies inventories .....	\$1,000.. 561 135
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. 10 363 156
Total capital expenditures (new and used) .....	\$1,000.. 1 143 882
Buildings and other structures (new and used) .....	\$1,000.. 1 169 611
Machinery and equipment (new and used) .....	\$1,000.. 974 271
Automobiles, trucks, etc., for highway use .....	\$1,000.. 63 974
Computers and peripheral data processing equipment .....	\$1,000.. 35 957
All other expenditures for machinery and equipment .....	\$1,000.. 874 340
Total retirements .....	\$1,000.. 1 342 964
Gross value of depreciable assets at end of year .....	\$1,000.. 11 164 074
Depreciation charges during year .....	\$1,000.. 711 379
Total rental payments .....	\$1,000.. 147 634
Buildings and other structures .....	\$1,000.. 75 681
Machinery and equipment .....	\$1,000.. 71 953
Total other expenses <sup>4</sup> .....	\$1,000.. 1 071 606
Response coverage ratio <sup>5</sup> .....	percent.. 84
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. 145 306
Communications services <sup>4</sup> .....	\$1,000.. 25 069
Legal services <sup>4</sup> .....	\$1,000.. 13 876
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. 6 253
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 153 908
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. 20 161
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. 44 629
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. 32 236
Taxes and license fees <sup>4</sup> .....	\$1,000.. 67 920
All other expenses <sup>4</sup> .....	\$1,000.. 562 247

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

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number 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.

<sup>4</sup>Based on 2002 Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A 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 <sup>1</sup>	All establishments <sup>2</sup>	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 <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
<b>312111, Soft drink manufacturing</b>											
All establishments .....	1	514	62 802	2 377 467	28 564	59 535	961 238	12 409 900	19 445 345	31 821 296	'1 143 882
Establishments with—											
1 to 4 employees .....	9	76	155	4 888	77	113	1 652	20 436	26 366	45 813	'1 705
5 to 9 employees .....	8	30	233	8 931	78	147	2 142	34 793	47 170	81 655	'3 230
10 to 19 employees .....	5	28	406	14 846	156	307	5 061	51 796	87 474	139 127	'6 453
20 to 49 employees .....	3	71	2 363	89 183	1 138	2 271	37 748	516 964	688 789	1 203 704	'30 840
50 to 99 employees .....	1	86	6 242	227 109	3 476	7 105	117 102	1 371 563	2 469 553	3 829 362	'89 683
100 to 249 employees .....	1	150	24 347	922 596	13 277	28 050	436 652	5 118 272	9 285 635	14 398 753	'501 854
250 to 499 employees .....	—	61	21 026	802 282	8 038	16 883	275 981	3 972 626	5 423 436	9 389 421	'385 056
500 to 999 employees .....	3	12	8 030	307 632	2 324	4 659	84 900	1 323 450	1 416 922	2 733 461	'125 061
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>4</sup> .....	9	96	450	16 476	166	302	4 414	65 933	89 237	155 172	'6 488

<sup>1</sup>Some 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.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number 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.

<sup>4</sup>Some 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 <sup>1</sup>	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 <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)				
312111	Soft drink manufacturing .....	514	62 802	2 377 467	28 564	59 535	961 238	12 409 900	19 445 345	31 821 296	'1 143 882
3121111	Bottled carbonated soft drinks .....	121	21 354	804 758	9 189	19 280	312 361	4 413 346	7 213 247	11 616 165	'307 003
3121114	Canned carbonated soft drinks .....	124	21 931	818 545	9 490	19 678	299 545	3 877 501	7 954 216	11 808 106	'461 402
312111A	Non-carbonated soft drinks .....	46	8 069	326 927	6 034	12 633	225 014	2 558 305	2 167 501	4 718 564	240 802

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number 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)
312111	Soft drink manufacturing .....	2002.. N 1997.. N	X X	X X	28 923 357 28 778 316
3121111	Bottled carbonated soft drinks .....	2002.. N 1997.. N	X X	X X	10 553 437 9 094 971
31211112	Bottled carbonated soft drinks in refillable glass bottles (regular and diet) .....	2002.. N 1997.. N	X X	X X	421 592 N
3121111200	Bottled carbonated soft drinks in refillable glass bottles (regular and diet) (value of quantity detail) .....	2002.. N 1997.. N	X X	S N	421 592 N
3121111221	Regular bottled carbonated soft drinks containing some real juice, in refillable glass bottles .....	2002.. N 1997.. N	X X	S D	X X
3121111231	Regular bottled carbonated soft drinks containing kola extract, except those with some real juice, in refillable glass bottles .....	2002.. N 1997.. N	X X	S S	X X
3121111241	Regular bottled carbonated soft drinks containing lemon, lime, and lemon-lime combinations, except those with some real juice, in refillable glass bottles .....	2002.. N 1997.. N	X X	S S	X X
3121111251	Other regular bottled carbonated soft drink flavors (including carbonated waters, sparkling waters, and club soda, except those with some real juice) in refillable glass bottles .....	2002.. N 1997.. N	X X	S S	X X
3121111261	Diet bottled carbonated soft drinks containing some real juice, in refillable glass bottles .....	2002.. N 1997.. N	X X	S S	X X
3121111271	Diet bottled carbonated soft drinks containing kola extract, except those with some real juice, in refillable glass bottles .....	2002.. N 1997.. N	X X	S D	X X
3121111281	Diet bottled carbonated soft drinks containing lemon, lime, and lemon-lime combinations, except those with some real juice, in refillable glass bottles .....	2002.. N 1997.. N	X X	S D	X X
3121111291	Other diet bottled carbonated soft drink flavors (including carbonated waters, sparkling waters, and club soda, except those with some real juice) in refillable glass bottles .....	2002.. N 1997.. N	X X	S S	X X
31211114	Bottled carbonated soft drinks in non-refillable glass bottles (regular and diet) .....	2002.. N 1997.. N	X X	X X	321 450 N
3121111400	Bottled carbonated soft drinks in non-refillable glass bottles (regular and diet) (value of quantity detail) .....	2002.. N 1997.. N	X X	S N	321 450 N
31211114B1	Regular bottled carbonated soft drinks containing some real juice, in nonrefillable glass bottles .....	2002.. N 1997.. N	X X	S S	X X
31211114C1	Regular bottled carbonated soft drinks containing kola extract, except those with some real juice, in nonrefillable glass bottles .....	2002.. N 1997.. N	X X	S S	X X
31211114D1	Regular bottled carbonated soft drinks containing lemon, lime, and lemon-lime combinations, except those with some real juice, in nonrefillable glass bottles .....	2002.. N 1997.. N	X X	S S	X X
31211114E1	Carbonated waters, sparkling waters, and club soda (except those with some real juice), in nonrefillable glass bottles .....	2002.. N 1997.. N	X X	S D	X X
31211114F1	Other regular bottled carbonated soft drink flavors, including club soda, except those with some real juice, in nonrefillable glass bottles .....	2002.. N 1997.. N	X X	S D	X X
31211114G1	Diet bottled carbonated soft drinks containing some real juice, in nonrefillable glass bottles .....	2002.. N 1997.. N	X X	S S	X X
31211114H1	Diet bottled carbonated soft drinks containing kola extract, except those with some real juice, in nonrefillable glass bottles .....	2002.. N 1997.. N	X X	S D	X X
31211114J1	Diet bottled carbonated soft drinks containing lemon, lime, and lemon-lime combinations, except those with some real juice, in nonrefillable glass bottles .....	2002.. N 1997.. N	X X	S S	X X
31211114K1	Other diet bottled carbonated soft drink flavors (including carbonated waters, sparkling waters, and club soda, except those with some real juice) in nonrefillable glass bottles .....	2002.. N 1997.. N	X X	S D	X X
31211116	Bottled carbonated soft drinks in plastics bottles (regular and diet) .....	2002.. N 1997.. N	X X	X X	9 732 763 N
3121111600	Bottled carbonated soft drinks in plastics bottles (regular and diet) (value of quantity detail) .....	2002.. N 1997.. N	X X	S N	9 732 763 N
31211116L1	Regular bottled carbonated soft drinks containing some real juice, in plastic bottles .....	2002.. N 1997.. N	X X	S D	X X
31211116M1	Regular bottled carbonated soft drinks containing kola extract, except those with some real juice, in plastic bottles .....	2002.. N 1997.. N	X X	S S	X X
31211116N1	Regular bottled carbonated soft drinks containing lemon, lime, and lemon-lime combinations, except those with some real juice, in plastic bottles .....	2002.. N 1997.. N	X X	S S	X X

See footnotes at end of table.

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

[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)
312111	Soft drink manufacturing—Con.				
3121111	Bottled carbonated soft drinks—Con.				
31211116	Bottled carbonated soft drinks in plastics bottles (regular and diet)—Con.				
31211116P1	Carbonated waters, sparkling waters, and club soda (except those with some real juice), in plastic bottles . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	D	X
31211116Q1	Other regular bottled carbonated soft drink flavors, including club soda, except those with some real juice, in plastic bottles . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	S	X
31211116R1	Diet bottled carbonated soft drinks containing some real juice, in plastic bottles . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	S	X
31211116T1	Diet bottled carbonated soft drinks containing kola extract, except those with some real juice, in plastic bottles . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	S	X
31211116U1	Diet bottled carbonated soft drinks containing lemon, lime, and lemon-lime combinations, except those with some real juice, in plastic bottles . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	D	X
31211116V1	Other diet bottled carbonated soft drink flavors (including carbonated waters, sparkling waters, and club soda, except those with some real juice) in plastics bottles . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	D	X
3121111Y	Bottled carbonated soft drinks, nsk . . . . .	N	X	X	77 632
		N	X	X	165 584
3121111YWV	Bottled carbonated soft drinks, nsk . . . . .	N	X	X	77 632
		N	X	X	165 584
3121114	Canned carbonated soft drinks . . . . .	N	X	X	8 709 541
		N	X	X	11 762 928
31211141	Canned carbonated soft drinks . . . . .	N	X	X	8 624 069
		N	X	X	11 762 928
3121114100	Canned carbonated soft drinks (value of quantity detail) . . . . . mil cases, 192 oz case equiv. .2002..	71	X	S	8 624 069
		118	X	S	11 713 994
3121114111	Regular canned carbonated soft drinks containing some real juice . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	D	X
3121114121	Regular canned carbonated soft drinks containing kola extract, except those with some real juice . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	S	X
3121114131	Regular canned carbonated soft drinks containing lemon, lime, and lemon-lime combinations, except those with some real juice . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	S	X
3121114141	Carbonated waters, sparkling waters, and club soda, except those with some real juice, canned . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	S	X
3121114151	Other regular canned carbonated soft drink flavors . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	D	X
3121114161	Diet canned carbonated soft drinks containing some real juice . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	S	X
3121114171	Diet canned carbonated soft drinks containing kola extracts, except those with some real juice . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	S	X
3121114181	Diet canned carbonated soft drinks containing lemon, lime, and lemon-lime combinations, except those with some real juice . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	S	X
3121114191	Diet canned carbonated waters, sparkling waters, and club soda, except those with some real juice . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	S	X
31211141A1	Other diet canned carbonated soft drink flavors . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		N	X	S	X
3121114Y	Canned carbonated soft drinks, nsk . . . . .	N	X	X	85 472
		N	X	X	N
3121114YWV	Canned carbonated soft drinks, nsk . . . . .	N	X	X	85 472
		N	X	X	N
312111A	Non-carbonated soft drinks . . . . .	N	X	X	6 186 856
		N	X	X	5 817 078
312111A1	Non-carbonated fruit drinks, cocktails, and ades containing some real juice, 16.9 oz (1/2 liter) container or less, except concentrates . . . . .	N	X	X	1 315 649
		N	X	X	1 187 495
312111A111	Non-carbonated fruit drinks, cocktails, and ades containing some real juice, 16.9 oz (1/2 liter) container or less, except concentrates . . . . . mil gal. .2002..	72	X	S	1 315 649
		80	X	S	1 187 495
312111A2	Non-carbonated fruit drinks, cocktails, and ades containing some real juice, in other size containers (cartons, bottles, cans, etc.), except concentrates . . . . .	N	X	X	2 948 466
		N	X	X	2 096 786
312111A221	Non-carbonated fruit drinks, cocktails, and ades containing some real juice, in other size containers (cartons, bottles, cans, etc.), except concentrates . . . . . mil gal. .2002..	89	X	S	2 948 466
		140	X	S	2 096 786
312111A3	All other non-carbonated soft drinks . . . . .	N	X	X	1 910 978
		N	X	X	2 532 797
312111A331	Non-carbonated fruit drinks, cocktails, and ades concentrates containing some real juice . . . . . mil gal. .2002..	31	X	S	328 430
		39	X	P133.4	531 719
312111A341	Non-carbonated fruit drinks, cocktails, and ades, containing no real juice, 16.9 oz (1/2 liter) container or less, except concentrates . . . . . mil gal. .2002..	15	X	D	D
		24	X	P83.8	208 924
312111A351	Non-carbonated fruit drinks, cocktails, and ades, containing no real juice, in other size containers (cartons, bottles, cans, etc.), except concentrates . . . . . mil gal. .2002..	20	X	D	D
		29	X	P156.2	552 945

See footnotes at end of table.

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

[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)
312111	Soft drink manufacturing—Con.				
312111A	Non-carbonated soft drinks—Con.				
312111A3	All other non-carbonated soft drinks—Con.				
312111A361	Non-carbonated fruit drinks, cocktails, and ades concentrates containing no real juice .....	mil gal. .2002..	5	X	D
		1997..	6	X	D
312111A371	Canned iced tea (non-carbonated), with or without flavorings .....	mil gal. .2002..	22	X	S
		1997..	30	X	S
312111A381	Bottled iced tea, with or without flavorings .....	mil gal. .2002..	27	X	S
		1997..	32	X	S
312111A391	All other non-carbonated soft drinks .....	mil gal. .2002..	26	X	S
		1997..	39	X	S
312111AY	Non-carbonated soft drinks, nsk .....	2002..	N	X	X
		1997..	—	X	X
312111AYWV	Non-carbonated soft drinks, nsk .....	2002..	N	X	X
		1997..	—	X	X
312111W	Soft drink manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
312111WY	Soft drink manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
312111WYWW	Soft drink manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
312111WYWY	Soft drink manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X

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)	
3121111	Bottled carbonated soft drinks		
	United States .....	2002.. 10 553 437 1997.. 9 094 971	
	Alabama .....	2002.. 202 746 1997.. 212 274	
	Arizona .....	2002.. 131 463 1997.. 121 327	
	California .....	2002.. 1 480 384 1997.. 769 470	
	Colorado .....	2002.. 134 296 1997.. 65 232	
	Florida .....	2002.. 524 071 1997.. 388 114	
	Georgia .....	2002.. 202 163 1997.. 359 770	
	Illinois .....	2002.. 375 663 1997.. 171 744	
	Louisiana .....	2002.. 114 212 1997.. 244 932	
	Maryland .....	1997.. 127 370 2002.. 216 922	
	Michigan .....	1997.. 235 867 2002.. 508 641	
	Minnesota .....	1997.. 358 152 2002.. 119 764	
	New York .....	1997.. 149 565 2002.. 225 118	
	North Carolina .....	2002.. 501 520 1997.. 626 309	
	Ohio .....	2002.. 513 863 1997.. 416 504	
	Oregon .....	2002.. 1 018 148 1997.. 532 925	
	Pennsylvania .....	2002.. 72 841 1997.. 85 076	
	South Carolina .....	2002.. 444 723 1997.. 555 191	
	Tennessee .....	2002.. 182 476 1997.. 119 290	
	Texas .....	2002.. 461 611 1997.. 281 952	
	Utah .....	2002.. 666 473 1997.. 926 255	
	Virginia .....	2002.. 39 430 1997.. 83 434	
	Washington .....	2002.. 421 698 1997.. 512 414	
	Wisconsin .....	2002.. 95 965 1997.. 101 102	
		2002.. 68 089 1997.. 81 680	
	3121114	Canned carbonated soft drinks	
		United States .....	2002.. 8 709 541 1997.. 11 762 928
		Alabama .....	2002.. 229 124 1997.. 176 141
		Arizona .....	2002.. 207 249 1997.. 272 340
		California .....	2002.. 1 104 128 1997.. 1 263 479
		Florida .....	2002.. 524 037 1997.. 730 636
		Georgia .....	2002.. 222 707 1997.. 705 519
Illinois .....		2002.. 118 278 1997.. 472 618	
Maryland .....		2002.. 281 136 1997.. 339 679	
Michigan .....		2002.. 335 927 1997.. 301 882	
Minnesota .....		2002.. 246 009 1997.. 363 269	
Missouri .....		2002.. 83 742 1997.. 311 623	
New Jersey .....		2002.. 126 316 1997.. 160 504	
New York .....		2002.. 351 534 1997.. 397 329	
North Carolina .....		2002.. 411 778 1997.. 324 617	
Ohio .....		2002.. 526 856 1997.. 773 820	
Oregon .....		2002.. 90 412 1997.. 137 663	
Pennsylvania .....		2002.. 258 950 1997.. 254 351	
South Carolina .....		2002.. 171 774 1997.. N	
Tennessee .....		2002.. 250 075 1997.. 308 157	
Texas .....		2002.. 1 039 335 1997.. 1 008 679	
Utah .....		2002.. 55 281 1997.. 120 894	
Virginia .....		2002.. 263 818 1997.. 266 811	
Washington .....		2002.. 193 288 1997.. 245 254	

See footnotes at end of table.

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

[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)
312111A	Non-carbonated soft drinks	
	United States .....	2002.. 6 186 856 1997.. 5 817 078
	Alabama .....	2002.. 12 466 1997.. 4 418
	Arizona .....	2002.. 34 510 1997.. 46 021
	California .....	2002.. 455 107 1997.. 644 050
	Colorado .....	2002.. 7 882 1997.. N
	Florida .....	2002.. 190 804 1997.. 367 004
	Hawaii .....	2002.. 51 036 1997.. 29 554
	Illinois .....	2002.. 44 418 1997.. 384 297
	Iowa .....	2002.. 28 528 1997.. 6 385
	Kentucky .....	2002.. 9 268 1997.. 2 835
	Louisiana .....	2002.. 10 118 1997.. 17 858
	Massachusetts .....	2002.. 265 996 1997.. 339 213
	Michigan .....	2002.. 720 277 1997.. 388 856
	Minnesota .....	2002.. 29 084 1997.. 38 540
	New Jersey .....	2002.. 795 395 1997.. 681 718
	New York .....	2002.. 186 540 1997.. 97 685
	North Carolina .....	2002.. 80 602 1997.. 15 074
	Ohio .....	2002.. 217 672 1997.. 71 551
	Oklahoma .....	2002.. 31 750 1997.. 13 505
	Oregon .....	2002.. 9 462 1997.. 16 810
	Pennsylvania .....	2002.. 550 124 1997.. 725 573
	South Carolina .....	2002.. 12 965 1997.. 13 923
	Tennessee .....	2002.. 42 476 1997.. 60 259
	Texas .....	2002.. 1 022 136 1997.. 525 455
	Utah .....	2002.. 5 915 1997.. 7 643
	Virginia .....	2002.. 96 898 1997.. 80 429
	Washington .....	2002.. 185 801 1997.. 200 291
	Wisconsin .....	2002.. 207 005 1997.. N

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)
312111	Soft drink manufacturing		
0090001	Total materials .....	X	17 402 146
	.....2002..	X	16 940 031
	.....1997..		
31131001	Sugar, cane and beet (sugar solids) ..... 1,000 s tons .....	107.5	42 994
	.....2002..	N	N
	.....1997..		
31122105	Fructose corn syrup (50 percent or less) (solids) ..... mil lb. ....	91 916.0	184 311
	.....2002..	P3 164.3	343 147
	.....1997..		
31122107	Fructose corn syrup (50 percent or more) (solids) ..... mil lb. ....	P8 122.4	929 666
	.....2002..	P7 930.7	1 027 132
	.....1997..		
31100003	Other natural sweeteners (including dextrose, honey, molasses, and blends of corn sweeteners and sugar) (solids) ..... mil lb. ....	84.6	22 627
	.....2002..	128.3	26 000
	.....1997..		
32510057	Artificial sweeteners (solids) ..... mil lb. ....	23.5	33 746
	.....2002..	296.9	25 846
	.....1997..		
31193001	Liquid beverage base concentrates with some juice content (finished drink basis) ..... mil cases, 192 oz case equiv. ....	S	298 823
	.....2002..	P441.4	275 823
	.....1997..		
31193003	Other liquid beverage base concentrates (finished drink basis) ..... mil cases, 192 oz case equiv. ....	621.1	5 725 340
	.....2002..	464.7	4 232 665
	.....1997..		
31193005	Liquid beverage base syrups (finished drink basis) ..... mil cases, 192 oz case equiv. ....	S	927 952
	.....2002..	S	815 154
	.....1997..		
31142103	Fruit juices, concentrated ..... mil gal. ....	62.3	260 221
	.....2002..	S	357 830
	.....1997..		
00190050	Plastics wrappings, trays, carriers, etc. (including preforms) .....	X	377 944
	.....2002..	X	313 753
	.....1997..		
32221001	Paperboard containers, boxes, and corrugated paperboard .....	X	1 176 746
	.....2002..	X	491 787
	.....1997..		
32610027	Plastics bottles and cans .....	X	2 371 335
	.....2002..	X	1 670 628
	.....1997..		
32721309	Glass containers, refillable, with or without paperboard wrapping .....	X	41 160
	.....2002..	X	42 919
	.....1997..		
32721311	Glass containers, nonrefillable, with or without paperboard wrapping or plastics shielding .....	X	181 022
	.....2002..	X	333 256
	.....1997..		
33243101	Metal cans, lids, and ends .....	X	3 318 822
	.....2002..	X	3 799 676
	.....1997..		
00970099	All other materials and components, parts, containers, and supplies .....	X	1 100 542
	.....2002..	X	1 389 457
	.....1997..		
00971000	Materials, ingredients, containers, and supplies, nsk .....	X	408 895
	.....2002..	X	1 794 958
	.....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.