

# Breweries: 2002

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## 2002 Economic Census

*Manufacturing*

Industry Series



**USCENSUSBUREAU**

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U.S. Department of Commerce  
Economics and Statistics Administration  
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## CONTENTS

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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 .	8
7. Materials Consumed by Kind: 2002 and 1997.....	9
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)				
312120, Breweries..... 2002..	347	376	28 042	1 442 875	19 349	38 077	883 618	10 814 163	6 781 594	17 601 079	1 147 651
2001..	N	N	33 286	1 509 015	23 177	43 073	918 799	10 272 929	6 669 984	16 914 132	900 853
2000..	N	N	30 859	1 524 307	20 987	44 121	919 609	9 922 613	6 601 799	16 512 847	989 079
1999..	N	N	30 255	1 575 344	20 217	39 284	987 137	11 288 507	5 616 681	16 899 825	737 403
1998..	N	N	31 813	1 613 933	22 374	43 261	1 066 131	11 197 157	6 825 769	18 031 537	783 247
1997..	494	529	34 251	1 598 573	24 205	43 800	1 083 121	11 234 126	6 967 213	18 203 492	1 021 428

<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	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)
		Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
312120, Breweries												
United States.....	2	376	92	28 042	1 442 875	19 349	38 077	883 618	10 814 163	6 781 594	17 601 079	'1 147 651
California .....	2	55	17	3 710	166 330	2 473	4 624	107 972	1 245 390	863 403	2 111 362	'166 102
Colorado .....	-	18	6	5 116	346 684	2 395	5 147	148 024	1 189 783	766 997	1 955 562	'289 097
Massachusetts .....	6	14	3	204	5 576	104	128	1 381	23 662	12 389	36 016	D
Pennsylvania .....	3	25	8	891	33 964	674	1 211	23 622	283 196	117 167	398 780	'12 353
Wisconsin .....	9	25	6	1 776	80 212	1 426	2 711	56 844	408 268	314 375	722 882	'37 073

<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>312120, Breweries</b>	
Companies <sup>1</sup> .....	number.. 347
All establishments <sup>2</sup> .....	number.. 376
Establishments with 1 to 19 employees .....	number.. 284
Establishments with 20 to 99 employees .....	number.. 59
Establishments with 100 employees or more .....	number.. 33
All employees <sup>3</sup> .....	number.. 28 042
Total compensation .....	\$1,000.. 1 998 295
Annual payroll .....	\$1,000.. 1 442 875
Total fringe benefits .....	\$1,000.. 555 420
Production workers, average for year .....	number.. 19 349
Production workers on March 12 .....	number.. 18 405
Production workers on May 12 .....	number.. 19 833
Production workers on August 12 .....	number.. 19 799
Production workers on November 12 .....	number.. 19 340
Production worker hours .....	1,000.. 38 077
Production worker wages .....	\$1,000.. 883 618
Total cost of materials .....	\$1,000.. 6 781 594
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 6 529 855
Resales .....	\$1,000.. 11 068
Purchased fuels .....	\$1,000.. 113 680
Purchased electricity .....	\$1,000.. 123 392
Contract work .....	\$1,000.. 3 599
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 2 493 743
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. S
Total value of shipments .....	\$1,000.. 17 601 079
Primary products value of shipments .....	\$1,000.. 17 492 156
Secondary products value of shipments .....	\$1,000.. 11 829
Total miscellaneous receipts .....	\$1,000.. 97 094
Value of resales .....	\$1,000.. 12 952
Contract receipts .....	\$1,000.. 70 511
Other miscellaneous receipts .....	\$1,000.. 13 631
Primary products specialization ratio .....	percent.. 100
Value of primary products shipments made in all industries .....	\$1,000.. 17 499 002
Value of primary products shipments made in this industry .....	\$1,000.. 17 492 156
Value of primary products shipments made in other industries .....	\$1,000.. 6 846
Coverage ratio .....	percent.. 100
Value added .....	\$1,000.. 10 814 163
Total inventories, beginning of year .....	\$1,000.. 509 319
Finished goods inventories .....	\$1,000.. 73 532
Work-in-process inventories .....	\$1,000.. 183 349
Materials and supplies inventories .....	\$1,000.. 252 438
Total inventories, end of year .....	\$1,000.. 479 956
Finished goods inventories .....	\$1,000.. 74 956
Work-in-process inventories .....	\$1,000.. 176 603
Materials and supplies inventories .....	\$1,000.. 228 397
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. <sup>1</sup> 15 435 428
Total capital expenditures (new and used) .....	\$1,000.. <sup>1</sup> 1 147 651
Buildings and other structures (new and used) .....	\$1,000.. <sup>1</sup> 279 271
Machinery and equipment (new and used) .....	\$1,000.. <sup>1</sup> 868 380
Automobiles, trucks, etc., for highway use .....	\$1,000.. <sup>1</sup> 16 528
Computers and peripheral data processing equipment .....	\$1,000.. <sup>1</sup> 43 822
All other expenditures for machinery and equipment .....	\$1,000.. <sup>1</sup> 808 030
Total retirements .....	\$1,000.. <sup>1</sup> 367 053
Gross value of depreciable assets at end of year .....	\$1,000.. <sup>1</sup> 16 216 026
Depreciation charges during year .....	\$1,000.. <sup>1</sup> 791 914
Total rental payments .....	\$1,000.. 69 003
Buildings and other structures .....	\$1,000.. 29 161
Machinery and equipment .....	\$1,000.. 39 842
Total other expenses <sup>4</sup> .....	\$1,000.. 665 084
Response coverage ratio <sup>5</sup> .....	percent.. 68
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. D
Communications services <sup>4</sup> .....	\$1,000.. 7 820
Legal services <sup>4</sup> .....	\$1,000.. 10 011
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. 1 423
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 16 734
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. D
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. 22 852
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. D
Taxes and license fees <sup>4</sup> .....	\$1,000.. 36 735
All other expenses <sup>4</sup> .....	\$1,000.. 332 741

<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>312120, Breweries</b>											
All establishments .....	2	376	28 042	1 442 875	19 349	38 077	883 618	10 814 163	6 781 594	17 601 079	'1 147 651
Establishments with—											
1 to 4 employees .....	9	230	376	15 139	298	566	10 337	89 807	59 395	149 382	'6 269
5 to 9 employees .....	7	30	189	10 356	140	290	6 929	49 908	34 555	84 459	D
10 to 19 employees .....	7	24	324	13 162	217	437	8 804	67 802	40 033	107 795	'7 062
20 to 49 employees .....	4	41	g	D	D	D	D	D	D	D	'21 228
50 to 99 employees .....	1	18	1 182	41 018	769	1 421	24 773	332 727	175 332	507 491	'20 430
100 to 249 employees .....	4	7	g	D	D	D	D	D	D	D	27 146
250 to 499 employees .....	—	8	3 222	135 908	2 116	4 047	86 942	987 842	532 676	1 520 664	'236 874
500 to 999 employees .....	1	12	10 155	527 659	7 897	15 575	359 153	5 799 340	3 520 009	9 325 664	'535 620
1,000 to 2,499 employees .....	4	5	i	D	D	D	D	D	D	D	D
2,500 employees or more .....	—	1	h	D	D	D	D	D	D	D	D
Administrative records <sup>4</sup> .....	9	227	402	17 091	323	608	11 762	104 644	69 146	173 789	'7 298

<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)				
312120	Breweries .....	376	28 042	1 442 875	19 349	38 077	883 618	10 814 163	6 781 594	17 601 079	'1 147 651
3121201	Canned beer and ale case goods ...	29	22 876	1 258 608	16 307	32 065	778 503	9 828 752	6 176 822	16 013 456	'980 578
3121204	Bottled beer and ale case goods ...	59	3 206	121 697	2 058	4 144	69 490	657 151	379 635	1 033 332	'138 051
3121207	Beer and ale in barrels and kegs ...	15	760	13 367	86	230	2 672	35 225	14 616	49 651	'6 771
3121209	All other malt beverages and brewing products .....	4	c	D	D	D	D	D	D	D	D

<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)
312120	Breweries	2002.. N 1997.. N	X X	X X	17 499 002 18 162 490
3121201	Canned beer and ale case goods	2002.. N 1997.. N	X X	X X	9 121 801 9 694 616
31212011	Canned beer and ale case goods, 12 oz cans	2002.. N 1997.. N	X X	X X	7 731 708 8 369 236
3121201111	Canned beer and ale case goods, 12 oz cans 1,000 cases	2002.. 13 1997.. 20	X X	S S	7 731 708 8 369 236
31212012	Canned beer and ale case goods, other can sizes	2002.. N 1997.. N	X X	X X	1 358 181 1 227 675
3121201221	Canned beer and ale case goods, 16 oz cans 1,000 cases	2002.. 10 1997.. 11	X X	q73 103.6 93 232.9	627 549 730 009
3121201231	Canned beer and ale case goods, other can sizes 1,000 cases	2002.. 4 1997.. 6	X X	S S	730 632 497 666
3121201Y	Canned beer and ale case goods, nsk	2002.. N 1997.. N	X X	X X	31 912 97 705
3121201YVW	Canned beer and ale case goods, nsk	2002.. N 1997.. N	X X	X X	31 912 97 705
3121204	Bottled beer and ale case goods	2002.. N 1997.. N	X X	X X	6 626 291 6 209 755
31212041	Bottled beer and ale case goods in returnable bottles	2002.. N 1997.. N	X X	X X	345 092 854 278
3121204111	Bottled beer case goods in returnable bottles less than 12 oz 1,000 cases	2002.. 3 1997.. 6	X X	D S	D 43 371
3121204121	Bottled beer case goods in returnable 12 oz bottles 1,000 cases	2002.. 22 1997.. 21	X X	D X	D 778 401
3121204131	Bottled beer case goods in returnable 32 oz bottles 1,000 cases	2002.. N 1997.. 1	X X	X D	N D
3121204141	Bottled beer case goods in all other returnable bottle sizes 1,000 cases	2002.. 9 1997.. 10	X X	q1 878.7 D	12 388 D
31212042	Bottled beer case goods in nonreturnable bottles	2002.. N 1997.. N	X X	X X	6 230 003 5 229 563
3121204251	Bottled beer case goods in nonreturnable bottles less than 12 oz 1,000 cases	2002.. 5 1997.. 8	X X	S S	100 198 25 733.9
3121204261	Bottled beer case goods in nonreturnable 12 oz bottles 1,000 cases	2002.. 40 1997.. 41	X X	D D	D 4 263 786
3121204271	Bottled beer case goods in nonreturnable 32 oz bottles 1,000 cases	2002.. 6 1997.. 8	X X	D X	D 260 350
3121204281	Bottled beer case goods in all other nonreturnable bottle sizes 1,000 cases	2002.. 18 1997.. 19	X X	q52 551.5 X	366 134 495 914
3121204291	Bottled ale case goods 1,000 cases	2002.. 14 1997.. 19	X X	q2 550.4 5 713.4	31 786 84 650
3121204Y	Bottled beer and ale case goods, nsk	2002.. N 1997.. N	X X	X X	51 196 125 914
3121204YVW	Bottled beer and ale case goods, nsk	2002.. N 1997.. N	X X	X X	51 196 125 914
3121207	Beer and ale in barrels and kegs	2002.. N 1997.. N	X X	X X	1 045 053 1 113 941
31212071	Beer and ale in barrels and kegs	2002.. N 1997.. N	X X	X X	1 030 014 1 058 645
3121207111	Beer and ale in one-half barrel size 1,000 bbl	2002.. 61 1997.. 59	X X	q16 192.2 18 832.8	869 791 1 003 027
3121207121	Beer and ale in other barrel sizes 1,000 bbl	2002.. 36 1997.. 25	X X	7 552.4 966.2	160 223 55 618
3121207Y	Beer and ale in barrels and kegs, nsk	2002.. N 1997.. N	X X	X X	15 039 55 296
3121207YVW	Beer and ale in barrels and kegs, nsk	2002.. N 1997.. N	X X	X X	15 039 55 296
3121209	All other malt beverages and brewing products	2002.. N 1997.. N	X X	X N	293 911 N
31212091	All other malt beverages and brewing products	2002.. N 1997.. N	X X	X N	293 911 N
3121209111	Nonalcoholic beer 1,000 cases	2002.. 1 1997.. N	X X	D N	D N
3121209121	Malt liquors, in either cans or bottles 1,000 cases	2002.. 7 1997.. N	X X	S N	141 915 N
3121209131	Dry brewers' spent grains 1,000 s tons	2002.. 2 1997.. N	X X	D N	D N
3121209141	Wet brewers' spent grains 1,000 s tons	2002.. 9 1997.. N	X X	S N	56 182 N
3121209153	Malt extracts	2002.. 3 1997.. N	X X	D N	D N
3121209155	All other malt beverages and brewing products (porter, stout, etc., bulk transfers, malt syrup) mil lb	2002.. 3 1997.. N	X X	D N	D N
3121209Y	All other malt beverages and brewing products, nsk	2002.. N 1997.. N	X X	X N	N N
3121209YVW	All other malt beverages and brewing products, nsk	2002.. N 1997.. N	X X	X N	N N
312120W	Breweries, nsk, total	2002.. N 1997.. N	X X	X X	411 946 539 022
312120WY	Breweries, nsk, total	2002.. N 1997.. N	X X	X X	411 946 539 022
312120WYVW	Breweries, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	112 664 60 609
312120WYVY	Breweries, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	299 282 478 413

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.

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

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)
3121201	Canned beer and ale case goods	
	United States.....	2002.. 9 121 801 1997.. 9 694 616
	Pennsylvania.....	2002.. 47 996 1997.. 111 280
3121204	Bottled beer and ale case goods	
	United States.....	2002.. 6 626 291 1997.. 6 209 755
	California.....	2002.. 780 214 1997.. 766 455
	Colorado.....	2002.. 644 791 1997.. N
	Pennsylvania.....	1997.. 29 115 2002.. 257 730 1997.. 140 777
3121207	Beer and ale in barrels and kegs	
	United States.....	2002.. 1 045 053 1997.. 1 113 941
	California.....	2002.. 132 120 1997.. 133 133
	Colorado.....	2002.. 114 708 1997.. 132 750
	Pennsylvania.....	2002.. 47 217 1997.. 19 804 1997.. 5 370 1997.. 21 013
3121209	All other malt beverages and brewing products	
	United States.....	2002.. 293 911 1997.. N
	Wisconsin.....	2002.. 18 785 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)
312120	<b>Breweries</b>		
0090001	Total materials .....	X	6 529 855
	.....2002..	X	6 679 138
	.....1997..		
11119911	Barley..... mil bushels .....	D	D
	.....2002..	S	1 362
	.....1997..		
11115005	Corn, purchased as grain .....	D	D
	..... mil bushels .....	D	D
	.....2002..		
	.....1997..		
31121119	Corn grits .....	D	D
	..... 1,000 cwt .....	q5 492.4	49 720
	.....2002..		
	.....1997..		
31121121	Corn meal and flakes .....	D	D
	..... 1,000 cwt .....	D	D
	.....2002..		
	.....1997..		
31121300	Malt .....	S	514 177
	..... 1,000 cwt .....	p56 282.2	791 968
	.....2002..		
	.....1997..		
31122119	Dextrose and corn syrup, including corn syrup solids (dry weight) .....	67.6	13 000
	..... mil lb .....	620.9	53 428
	.....2002..		
	.....1997..		
31122103	High fructose corn syrup (HFCS) (solids) .....	D	D
	..... mil lb .....	421.9	43 695
	.....2002..		
	.....1997..		
31131001	Sugar, cane and beet (sugar solids) .....	.6	383
	..... 1,000 s tons .....	N	N
	.....2002..		
	.....1997..		
32510053	Sugar substitutes (mannitol, sorbitol, etc.) .....	D	D
	..... 1,000 s tons .....	D	D
	.....2002..		
	.....1997..		
32221001	Paperboard containers, boxes, and corrugated paperboard .....	X	522 541
	.....2002..	X	616 960
	.....1997..		
32721301	Glass containers .....	X	1 463 677
	.....2002..	N	N
	.....1997..		
33243101	Metal cans, lids, and ends .....	X	D
	.....2002..	X	2 224 266
	.....1997..		
00970099	All other materials and components, parts, containers, and supplies .....	X	461 404
	.....2002..	X	2 504 920
	.....1997..		
00971000	Materials, ingredients, containers, and supplies, nsk .....	X	1 803 109
	.....2002..	X	378 377
	.....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.