

# Other Tobacco Product Manufacturing: 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 <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)					
312229, Other tobacco product manufacturing .....	2002..	70	83	6 649	260 583	4 934	9 993	156 842	2 807 932	824 363	3 628 313	58 819
	2001..	N	N	7 288	263 650	5 550	10 409	165 838	2 534 287	1 034 777	3 569 581	50 651
	2000..	N	N	6 934	257 549	5 284	9 687	165 712	2 343 184	977 219	3 320 664	61 939
	1999..	N	N	6 025	196 441	4 603	8 972	129 386	2 412 406	691 173	3 103 052	61 864
	1998..	N	N	7 726	239 375	5 989	11 962	159 834	2 766 895	848 133	3 609 979	40 254
	1997..	56	68	7 337	236 964	5 755	11 565	157 751	2 732 521	833 727	3 559 150	69 245

<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**

[Not applicable for this report]

**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>312229, Other tobacco product manufacturing</b>	
Companies <sup>1</sup> .....	number.. 70
All establishments <sup>2</sup> .....	number.. 83
Establishments with 1 to 19 employees .....	number.. 47
Establishments with 20 to 99 employees .....	number.. 20
Establishments with 100 employees or more .....	number.. 16
All employees <sup>3</sup> .....	number.. 6 649
Total compensation .....	\$1,000.. 356 214
Annual payroll .....	\$1,000.. 260 583
Total fringe benefits .....	\$1,000.. 95 631
Production workers, average for year .....	number.. 4 934
Production workers on March 12 .....	number.. 4 973
Production workers on May 12 .....	number.. 4 933
Production workers on August 12 .....	number.. 4 700
Production workers on November 12 .....	number.. 5 123
Production worker hours .....	1,000.. 9 993
Production worker wages .....	\$1,000.. 156 842
Total cost of materials .....	\$1,000.. 824 363
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 705 435
Resales .....	\$1,000.. 90 626
Purchased fuels .....	\$1,000.. 10 287
Purchased electricity .....	\$1,000.. 13 922
Contract work .....	\$1,000.. 4 093
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 327 057
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. 64 212
Total value of shipments .....	\$1,000.. 3 628 313
Primary products value of shipments .....	\$1,000.. 3 451 877
Secondary products value of shipments .....	\$1,000.. D
Total miscellaneous receipts .....	\$1,000.. D
Value of resales .....	\$1,000.. 121 556
Contract receipts .....	\$1,000.. D
Other miscellaneous receipts .....	\$1,000.. D
Primary products specialization ratio .....	percent.. D
Value of primary products shipments made in all industries .....	\$1,000.. 3 985 134
Value of primary products shipments made in this industry .....	\$1,000.. 3 451 877
Value of primary products shipments made in other industries .....	\$1,000.. 533 257
Coverage ratio .....	percent.. 87
Value added .....	\$1,000.. 2 807 932
Total inventories, beginning of year .....	\$1,000.. 550 053
Finished goods inventories .....	\$1,000.. 62 458
Work-in-process inventories .....	\$1,000.. 32 489
Materials and supplies inventories .....	\$1,000.. 455 106
Total inventories, end of year .....	\$1,000.. 548 610
Finished goods inventories .....	\$1,000.. 60 451
Work-in-process inventories .....	\$1,000.. 36 471
Materials and supplies inventories .....	\$1,000.. 451 688
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. 1 133 466
Total capital expenditures (new and used) .....	\$1,000.. 58 819
Buildings and other structures (new and used) .....	\$1,000.. 9 452
Machinery and equipment (new and used) .....	\$1,000.. 49 367
Automobiles, trucks, etc., for highway use .....	\$1,000.. 543
Computers and peripheral data processing equipment .....	\$1,000.. 298
All other expenditures for machinery and equipment .....	\$1,000.. 46 526
Total retirements .....	\$1,000.. 21 011
Gross value of depreciable assets at end of year .....	\$1,000.. 1 171 274
Depreciation charges during year .....	\$1,000.. 51 127
Total rental payments .....	\$1,000.. 6 634
Buildings and other structures .....	\$1,000.. 3 083
Machinery and equipment .....	\$1,000.. 3 551
Total other expenses <sup>4</sup> .....	\$1,000.. 348 001
Response coverage ratio <sup>5</sup> .....	percent.. 100
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. 24 509
Communications services <sup>4</sup> .....	\$1,000.. 3 890
Legal services <sup>4</sup> .....	\$1,000.. 5 186
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. 334
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 6 497
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. 1 672
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. 2 539
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. 22 038
Taxes and license fees <sup>4</sup> .....	\$1,000.. 5 417
All other expenses <sup>4</sup> .....	\$1,000.. 275 920

<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)				
312229, Other tobacco product manufacturing											
All establishments .....	—	83	6 649	260 583	4 934	9 993	156 842	2 807 932	824 363	3 628 313	'58 819
Establishments with—											
1 to 4 employees .....	9	38	64	1 957	49	87	1 184	11 900	1 136	13 036	'157
5 to 9 employees .....	9	5	29	1 070	24	48	679	6 949	771	7 720	'103
10 to 19 employees .....	8	4	61	2 062	44	91	1 258	13 787	1 456	15 223	'170
20 to 49 employees .....	3	13	431	11 927	345	660	8 338	87 326	63 638	149 947	'2 629
50 to 99 employees .....	3	7	506	13 452	369	617	8 281	81 730	38 769	120 401	'1 678
100 to 249 employees .....	—	5	789	31 136	533	1 062	14 981	176 863	148 220	321 405	3 417
250 to 499 employees .....	—	9	3 194	134 509	2 305	5 006	80 856	1 973 724	485 639	2 460 257	36 377
500 to 999 employees .....	—	1	f	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 <sup>4</sup> .....	9	35	81	2 625	64	115	1 613	16 748	1 672	18 420	'229

<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 based on administrative-record 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)				
312229	Other tobacco product manufacturing .	83	6 649	260 583	4 934	9 993	156 842	2 807 932	824 363	3 628 313	'58 819
3122291	Cigars .....	11	h	D	D	D	D	D	D	D	D
3122294	Chewing and smoking tobacco .....	18	2 573	104 269	1 720	3 615	55 350	1 965 195	547 381	2 508 019	31 111
3122297	Reconstituted tobacco (processed sheet and homogenized) .....	1	e	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)
312229	Other tobacco product manufacturing .....	2002.. N 1997.. N	X X	X X	3 985 134 3 985 043
3122291	Cigars .....	2002.. N 1997.. N	X X	X X	D D
31222911	Cigars .....	2002.. N 1997.. N	X X	X X	793 560 D
3122291111	Little cigars, cigarette-size, weighing less than 3 lb per 1,000 cigars .....	millions.. 2002.. 4 1997.. 8	X X	3 402.2 D	318 726 D
3122291121	Cigarillos weighing 3 to 10 lb per 1,000 cigars .....	millions.. 2002.. 3 1997.. 14	X X	D D	D D
3122291131	Cigars weighing more than 10 lb per 1,000 cigars .....	millions.. 2002.. 10 1997.. 19	X X	D 3 311.3	D 593 902
3122291Y	Cigars, nsk .....	2002.. N 1997.. N	X X	X X	- -
3122291YV	Cigars, nsk .....	2002.. N 1997.. N	X X	X X	- -
3122294	Chewing and smoking tobacco .....	2002.. N 1997.. N	X X	X X	2 462 842 2 225 631
31222941	Smoking tobacco .....	2002.. N 1997.. N	X X	X X	222 356 366 480
3122294111	Smoking tobacco .....	mil lb.. 2002.. 10 1997.. 13	X X	43.8 75.9	222 356 366 480
31222942	Looseleaf chewing tobacco, snuff, and all chewing tobacco .....	2002.. N 1997.. N	X X	X X	2 240 486 1 859 151
3122294221	Looseleaf chewing tobacco .....	mil lb.. 2002.. 6 1997.. 6	X X	D D	D D
3122294231	Snuff, dry and moist .....	mil lb.. 2002.. 5 1997.. 6	X X	D D	D D
3122294241	All other chewing tobacco, including fine cut chewing, twist chewing, plug chewing, etc. ....	mil lb.. 2002.. 3 1997.. 5	X X	S 15.7	32 123 144 398
3122294Y	Chewing and smoking tobacco, nsk .....	2002.. N 1997.. N	X X	X X	- -
3122294YV	Chewing and smoking tobacco, nsk .....	2002.. N 1997.. N	X X	X X	- -
3122297	Reconstituted tobacco (processed sheet and homogenized) .....	2002.. N 1997.. N	X X	X X	D D
31222971	Reconstituted tobacco (processed sheet and homogenized) .....	2002.. N 1997.. N	X X	X X	D D
3122297100	Reconstituted tobacco (processed sheet and homogenized) .....	mil lb.. 2002.. 4 1997.. 4	X X	D D	D D
312229W	Other tobacco product manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	119 389 3 972
312229WY	Other tobacco product manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	119 389 3 972
312229WYWW	Other tobacco product manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	101 606 1 867
312229WYWY	Other tobacco product manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	17 783 2 105

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)
3122291	Cigars	
	United States..... 2002..	D
	..... 1997..	D
3122294	Chewing and smoking tobacco	
	United States..... 2002..	2 462 842
	..... 1997..	2 225 631
3122297	Reconstituted tobacco (processed sheet and homogenized)	
	United States..... 2002..	D
	..... 1997..	D

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)
312229	Other tobacco product manufacturing		
0090001	Total materials .....	X	705 435
		X	788 118
11191000	Leaf tobacco, unstemmed (including green tobacco not packed) ..... mil lb. ....	D	D
		39.0	60 803
31220000	Unstemmed leaf tobacco, redried and packed ..... mil lb. ....	54.4	128 578
		91.7	183 544
31221000	Stemmed leaf tobacco (excluding processed sheet and homogenized) ..... mil lb. ....	143.2	150 714
		107.7	189 923
31222903	Reconstituted tobacco, processed sheet and homogenized ..... mil lb. ....	D	D
		45.5	57 613
32221001	Paperboard containers, boxes, and corrugated paperboard ..... mil lb. ....	X	65 807
		X	33 023
32520003	Manmade fibers, staple, and tow .....	X	7 087
		X	D
00970099	All other materials and components, parts, containers, and supplies .....	X	181 423
		X	245 358
00971000	Materials, ingredients, containers, and supplies, nsk .....	X	16 107
		X	9 340

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.