

Uncoated Paper and Multiwall Bag Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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-- Not applicable for this report.

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

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

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
322224, Uncoated paper and multiwall bag manufacturing											
2002..	80	123	12 836	407 954	10 741	22 468	296 030	932 334	1 253 326	2 187 615	144 852
2001..	N	N	14 903	458 850	12 846	26 453	334 961	1 117 862	1 571 853	2 706 849	35 053
2000..	N	N	15 500	477 826	13 374	28 285	354 048	1 177 796	1 693 606	2 874 928	75 434
1999..	N	N	15 878	482 804	13 576	29 439	366 381	1 174 119	1 634 638	2 797 784	60 275
1998..	N	N	17 119	490 330	14 524	31 079	364 535	1 138 977	1 741 414	2 880 157	61 610
1997..	93	143	16 808	461 405	14 199	30 322	345 294	1 124 247	1 679 126	2 794 934	79 978

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

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

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

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

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

Table 2. Industry Statistics for Selected States: 2002

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

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
322224, Uncoated paper and multiwall bag manufacturing												
United States	-	123	94	12 836	407 954	10 741	22 468	296 030	932 334	1 253 326	2 187 615	144 852
Arkansas	-	12	10	1 481	49 980	1 246	2 714	37 265	127 396	141 637	267 397	7 357
California	-	9	7	736	25 783	633	1 407	19 170	54 097	80 429	133 605	1957
Georgia	2	4	3	406	12 625	359	783	10 208	29 386	40 586	70 645	11 581
Louisiana	2	3	3	652	26 573	490	1 102	16 115	53 878	66 141	122 634	2 558
New Jersey	-	3	3	480	15 793	397	835	12 053	23 759	29 879	56 272	1807
North Carolina	-	5	4	460	13 979	376	780	9 647	37 660	38 837	76 318	1 310
Ohio	1	6	3	613	20 574	486	1 053	13 823	47 981	51 584	98 158	4 420
Tennessee	2	4	3	732	21 034	657	1 542	16 774	47 988	81 595	131 011	2 831
Texas	3	10	7	581	12 516	514	975	9 594	29 646	52 460	80 812	11 029

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

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

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

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

Table 3. Detailed Statistics by Industry: 2002

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

Item	Value
322224, Uncoated paper and multiwall bag manufacturing	
Companies ¹	number.. 80
All establishments ²	number.. 123
Establishments with 1 to 19 employees	number.. 29
Establishments with 20 to 99 employees	number.. 47
Establishments with 100 employees or more	number.. 47
All employees ³	number.. 12 836
Total compensation	\$1,000.. 518 555
Annual payroll	\$1,000.. 407 954
Total fringe benefits	\$1,000.. 110 601
Production workers, average for year	number.. 10 741
Production workers on March 12	number.. 11 300
Production workers on May 12	number.. 10 374
Production workers on August 12	number.. 10 618
Production workers on November 12	number.. 10 654
Production worker hours	1,000.. 22 468
Production worker wages	\$1,000.. 296 030
Total cost of materials	\$1,000.. 1 253 326
Materials, parts, containers, packaging, etc., used	\$1,000.. 1 188 415
Resales	\$1,000.. 39 115
Purchased fuels	\$1,000.. 4 734
Purchased electricity	\$1,000.. 16 339
Contract work	\$1,000.. 4 723
Quantity of electricity purchased for heat and power	1,000 kWh.. 279 883
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 2 187 615
Primary products value of shipments	\$1,000.. 2 026 211
Secondary products value of shipments	\$1,000.. 114 161
Total miscellaneous receipts	\$1,000.. 47 243
Value of resales	\$1,000.. 44 921
Contract receipts	\$1,000.. -
Other miscellaneous receipts	\$1,000.. 2 322
Primary products specialization ratio	percent.. 95
Value of primary products shipments made in all industries	\$1,000.. 2 110 960
Value of primary products shipments made in this industry	\$1,000.. 2 026 211
Value of primary products shipments made in other industries	\$1,000.. 84 749
Coverage ratio	percent.. 96
Value added	\$1,000.. 932 334
Total inventories, beginning of year	\$1,000.. 312 176
Finished goods inventories	\$1,000.. 132 922
Work-in-process inventories	\$1,000.. 22 407
Materials and supplies inventories	\$1,000.. 156 847
Total inventories, end of year	\$1,000.. 314 699
Finished goods inventories	\$1,000.. 131 772
Work-in-process inventories	\$1,000.. 21 602
Materials and supplies inventories	\$1,000.. 161 325
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 728 955
Total capital expenditures (new and used)	\$1,000.. '44 852
Buildings and other structures (new and used)	\$1,000.. '3 651
Machinery and equipment (new and used)	\$1,000.. '41 201
Automobiles, trucks, etc., for highway use	\$1,000.. '824
Computers and peripheral data processing equipment	\$1,000.. '1 306
All other expenditures for machinery and equipment	\$1,000.. '39 071
Total retirements	\$1,000.. '22 615
Gross value of depreciable assets at end of year	\$1,000.. '751 192
Depreciation charges during year	\$1,000.. '38 019
Total rental payments	\$1,000.. 26 766
Buildings and other structures	\$1,000.. 16 308
Machinery and equipment	\$1,000.. 10 458
Total other expenses ⁴	\$1,000.. 134 940
Response coverage ratio ⁵	percent.. 95
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 27 128
Communications services ⁴	\$1,000.. 3 308
Legal services ⁴	\$1,000.. 1 332
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 1 543
Advertising and promotional services ⁴	\$1,000.. 910
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 2 025
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 3 204
Management consulting and administrative services ⁴	\$1,000.. 1 434
Taxes and license fees ⁴	\$1,000.. 7 856
All other expenses ⁴	\$1,000.. 86 201

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

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

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

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

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

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

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

Table 4. Industry Statistics by Employment Size: 2002

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

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
322224, Uncoated paper and multiwall bag manufacturing											
All establishments	—	123	12 836	407 954	10 741	22 468	296 030	932 334	1 253 326	2 187 615	'44 852
Establishments with—											
1 to 4 employees	7	14	31	914	24	50	660	2 323	3 352	5 828	'102
5 to 9 employees	7	4	27	754	22	49	586	2 195	2 407	4 511	'70
10 to 19 employees	5	11	156	4 810	127	250	3 466	11 828	14 363	26 050	'704
20 to 49 employees	3	23	747	23 107	602	1 214	16 650	62 942	76 740	141 111	'4 743
50 to 99 employees	2	24	1 737	53 969	1 370	2 682	33 432	120 536	173 213	297 785	'6 415
100 to 249 employees	—	31	4 856	152 981	4 115	8 540	113 994	336 216	466 111	801 598	'14 061
250 to 499 employees	—	16	5 282	171 419	4 481	9 683	127 242	396 294	517 140	910 732	'18 757
500 to 999 employees	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	20	139	4 408	121	257	3 415	10 628	14 580	25 208	'534

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

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

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

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

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

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

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

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
322224	Uncoated paper and multiwall bag manufacturing	123	12 836	407 954	10 741	22 468	296 030	932 334	1 253 326	2 187 615	'44 852
3222241	Uncoated single-web paper grocers' bags and sacks and variety and shopping bags	47	5 015	151 563	4 191	8 603	108 718	319 851	500 856	823 425	'15 074
3222243	Shipping sacks and multiwall bags, all materials, except textiles	46	7 554	248 336	6 322	13 387	181 159	591 954	726 030	1 317 363	'28 764

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

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

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

Table 6a. Products Statistics: 2002 and 1997

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

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322224	Uncoated paper and multiwall bag manufacturing	2002.. N 1997.. N	X X	X X	2 110 960 2 594 761
3222241	Uncoated single-web paper grocers' bags and sacks and variety and shopping bags	2002.. N 1997.. N	X X	X X	804 306 1 010 846
32222411	Uncoated paper grocers' bags and sacks	2002.. N 1997.. N	X X	X X	379 664 552 393
3222241111	Uncoated paper grocers' bags and sacks	1,000 s tons. 2002.. 15 1997.. 14	X X	P460.9 681.0	379 664 552 393
32222412	Uncoated paper variety bags and pouches (merchandise) and shopping bags	2002.. N 1997.. N	X X	X X	227 263 197 415
3222241221	Uncoated paper variety bags and pouches (merchandise)	1,000 s tons. 2002.. 14 1997.. 14	X X	S P56.9	118 949 94 176
3222241231	Uncoated paper shopping bags	1,000 s tons. 2002.. 10 1997.. 7	X X	P63.2 P45.3	108 314 103 239
32222413	All other uncoated paper bags and pouches (including specialty bags, mothproof bags, etc.)	2002.. N 1997.. N	X X	X X	185 525 210 957
3222241341	All other uncoated paper bags and pouches (including specialty bags, mothproof bags, etc.)	1,000 s tons. 2002.. 16 1997.. 23	X X	Q64.2 71.2	185 525 210 957
3222241Y	Uncoated single-web paper grocers' bags and sacks and variety and shopping bags, nsk	2002.. N 1997.. N	X X	X X	11 854 50 081
3222241YV	Uncoated single-web paper grocers' bags and sacks and variety and shopping bags, nsk	2002.. N 1997.. N	X X	X X	11 854 50 081
3222243	Shipping sacks and multiwall bags, all materials, except textiles	2002.. N 1997.. N	X X	X X	1 274 327 1 538 505
32222431	Single and double wall shipping sacks and bags, all materials, except textiles	2002.. N 1997.. N	X X	X X	212 187 211 834
3222243111	Single and double wall shipping sacks and bags, all materials, except textiles	1,000 s tons. 2002.. 16 1997.. 36	X X	S Q166.7	212 187 211 834
32222432	Multiwall (three-ply or more) shipping sacks and bags, all materials, except textiles	2002.. N 1997.. N	X X	X X	1 029 045 1 279 457
3222243221	Multiwall (three-ply or more) shipping sacks and bags, all materials, except textiles	1,000 s tons. 2002.. 16 1997.. 28	X X	Q589.4 864.1	1 029 045 1 279 457
3222243Y	Shipping sacks and multiwall bags, all materials, except textiles, nsk	2002.. N 1997.. N	X X	X X	33 095 47 214
3222243YV	Shipping sacks and multiwall bags, all materials, except textiles, nsk	2002.. N 1997.. N	X X	X X	33 095 47 214
322224W	Uncoated paper and multiwall bag manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	32 327 45 410
322224WY	Uncoated paper and multiwall bag manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	32 327 45 410
322224WYV	Uncoated paper and multiwall bag manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	8 218 23 077
322224WYVY	Uncoated paper and multiwall bag manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	24 109 22 333

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)
3222241	Uncoated single-web paper grocers' bags and sacks and variety and shopping bags	
	United States	2002.. 804 306
		1997.. 1 010 846
	Arkansas	2002.. 64 004
		1997.. N
	California	2002.. 54 280
		1997.. 42 342
	New Jersey	2002.. 56 599
3222243	Shipping sacks and multiwall bags, all materials, except textiles	
	United States	2002.. 1 274 327
		1997.. 1 538 505
	Arkansas	2002.. 177 522
		1997.. 273 389
	Missouri	2002.. 103 862
	1997.. 118 756	
	Ohio	2002.. 91 889
		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)
322224	Uncoated paper and multiwall bag manufacturing		
0090001	Total materials	X	1 188 415
	.....2002..	X	1 579 396
	.....1997..	X	836 110
32212007	Paper 1,000 s tons	P1 315.5	1 030 582
	.....2002..	P1 700.2	25 452
	.....1997..	X	50 380
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc.	X	
	.....2002..	X	
	.....1997..	X	
32611201	Polyethylene unsupported plastic packaging film in roll form	X	40 913
	.....2002..	X	N
	.....1997..	X	N
32611203	Polypropylene unsupported plastics packaging film in roll form	X	16 634
	.....2002..	X	N
	.....1997..	X	N
00190062	Polyester unsupported plastics packaging film (coated and uncoated) in roll form	X	D
	.....2002..	X	N
	.....1997..	X	
32612205	Nylon unsupported plastics packaging film in roll form	X	D
	.....2002..	X	N
	.....1997..	X	N
00190063	Other unsupported plastics packaging film in roll form (including cellophane)	X	1 362
	.....2002..	X	N
	.....1997..	X	N
33131509	Aluminum foil, plain mil lb	D	D
	.....2002..	D	D
	.....1997..	D	D
32552003	Glues and adhesives mil lb	S	41 776
	.....2002..	N	49 481
	.....1997..	X	57 993
32591002	Printing inks	X	N
	.....2002..	X	23 244
	.....1997..	X	29 837
32221001	Paperboard containers, boxes, and corrugated paperboard	X	
	.....2002..	X	
	.....1997..	X	
00970099	All other materials and components, parts, containers, and supplies	X	110 549
	.....2002..	X	D
	.....1997..	X	29 950
00971000	Materials, ingredients, containers, and supplies, nsk	X	181 369
	.....2002..	X	
	.....1997..	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.