

Institutional Furniture 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 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) | | | | |
| 337127, Institutional furniture manufacturing | 2002.. 687 | 725 | 33 529 | 1 051 259 | 24 557 | 48 944 | 632 286 | 2 658 523 | 1 925 438 | 4 582 002 | 128 658 |
| | 2001.. N | N | 40 441 | 1 203 782 | 29 623 | 58 617 | 731 383 | 2 737 121 | 2 228 852 | 4 993 929 | 115 612 |
| | 2000.. N | N | 41 047 | 1 254 317 | 29 804 | 59 992 | 737 854 | 2 777 528 | 2 328 332 | 5 098 119 | 167 413 |
| | 1999.. N | N | 42 826 | 1 250 652 | 32 164 | 63 249 | 752 667 | 2 898 260 | 2 311 725 | 5 216 224 | 141 727 |
| | 1998.. N | N | 41 927 | 1 173 177 | 31 114 | 61 283 | 704 080 | 2 753 576 | 2 305 251 | 5 051 833 | 150 892 |
| | 1997.. 977 | 1 010 | 40 442 | 1 069 509 | 29 865 | 55 905 | 649 263 | 2 456 703 | 2 109 640 | 4 554 577 | 118 083 |

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 | 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) | |
|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
| | E ¹ | Total | With 20 employees or more | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | | | | | Wages (\$1,000) |
| 337127, Institutional furniture manufacturing | | | | | | | | | | | | |
| United States | 3 | 725 | 303 | 33 529 | 1 051 259 | 24 557 | 48 944 | 632 286 | 2 658 523 | 1 925 438 | 4 582 002 | 128 658 |
| Arkansas | - | 15 | 8 | 1 800 | 54 860 | 1 428 | 2 628 | 37 691 | 168 880 | 83 788 | 253 653 | 5 738 |
| California | 3 | 100 | 31 | 2 848 | 94 559 | 2 021 | 4 049 | 55 027 | 209 945 | 122 985 | 329 834 | 6 384 |
| Colorado | 4 | 5 | 3 | 243 | 7 078 | | 176 | 383 | 4 718 | 15 073 | 10 623 | 25 516 |
| Florida | 6 | 37 | 11 | 1 018 | 37 477 | 664 | 1 249 | 16 646 | 93 168 | 59 123 | 151 844 | 2 135 |
| Georgia | 1 | 16 | 6 | 655 | 22 974 | 556 | 1 216 | 16 920 | 39 288 | 19 799 | 59 580 | 764 |
| Illinois | 2 | 39 | 16 | 1 359 | 45 434 | 1 012 | 1 974 | 26 839 | 113 977 | 76 525 | 190 252 | 5 493 |
| Indiana | 6 | 14 | 6 | 468 | 18 424 | 344 | 713 | 10 948 | 35 345 | 28 639 | 63 804 | 2 036 |
| Iowa | 2 | 7 | 3 | 135 | 4 659 | 105 | 233 | 3 365 | 13 273 | 8 042 | 21 570 | 377 |
| Kansas | - | 7 | 3 | 521 | 19 645 | 386 | 798 | 12 321 | 58 778 | 9 216 | 68 230 | 451 |
| Massachusetts | 3 | 18 | 9 | 970 | 36 409 | 665 | 1 360 | 19 477 | 72 029 | 64 463 | 135 962 | 4 222 |
| Michigan | - | 39 | 19 | 2 394 | 92 732 | 1 661 | 3 418 | 52 282 | 215 995 | 171 103 | 388 188 | 15 294 |
| Minnesota | 5 | 17 | 11 | 1 410 | 55 309 | 968 | 1 701 | 31 132 | 128 883 | 65 737 | 193 679 | 2 322 |
| Mississippi | 8 | 13 | 7 | 2 379 | 53 459 | 1 731 | 3 653 | 34 306 | 268 658 | 186 007 | 453 336 | 7 020 |
| Missouri | 8 | 15 | 9 | 666 | 23 046 | 492 | 1 009 | 13 574 | 62 919 | 35 334 | 98 231 | 1 829 |
| Montana | 2 | 5 | 1 | 107 | 2 470 | 95 | 222 | 2 005 | 5 814 | 3 803 | 9 534 | 224 |
| New Hampshire | - | 6 | 2 | 115 | 3 209 | 79 | 141 | 1 779 | 5 577 | 5 147 | 10 755 | 109 |
| New Jersey | 2 | 18 | 9 | 498 | 19 346 | 381 | 841 | 11 125 | 44 461 | 25 902 | 70 491 | 4 174 |
| New York | 5 | 42 | 8 | 667 | 21 438 | 500 | 1 005 | 13 220 | 37 972 | 30 551 | 68 122 | 1 496 |
| Ohio | 1 | 28 | 10 | 987 | 32 414 | 743 | 1 556 | 21 036 | 79 186 | 49 260 | 128 293 | 3 033 |
| Oklahoma | 1 | 4 | 1 | 151 | 2 379 | 122 | 181 | 1 309 | 9 197 | 1 789 | 11 032 | 328 |
| Oregon | - | 10 | 2 | 261 | 9 058 | 176 | 279 | 3 905 | 16 872 | 11 936 | 28 406 | 426 |
| Pennsylvania | 1 | 36 | 17 | 1 428 | 45 054 | 997 | 2 036 | 25 540 | 120 974 | 85 027 | 206 709 | 15 148 |
| South Carolina | 6 | 8 | 3 | 512 | 14 000 | 359 | 715 | 9 858 | 30 681 | 55 202 | 86 205 | 1 505 |
| Tennessee | 6 | 25 | 15 | 2 937 | 71 464 | 2 208 | 4 197 | 49 093 | 194 907 | 152 209 | 346 345 | 5 362 |
| Texas | 3 | 45 | 24 | 2 391 | 65 676 | 1 869 | 3 777 | 40 658 | 149 192 | 165 278 | 313 158 | 9 036 |
| Washington | 5 | 12 | 6 | 546 | 17 808 | 386 | 779 | 10 066 | 44 058 | 29 498 | 73 504 | 974 |
| Wisconsin | 1 | 27 | 15 | 1 732 | 59 456 | 1 257 | 2 546 | 36 156 | 148 507 | 100 772 | 252 748 | 12 129 |

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 |
|--|----------------------|
| 337127, Institutional furniture manufacturing | |
| Companies ¹ | number.. 687 |
| All establishments ² | number.. 725 |
| Establishments with 1 to 19 employees | number.. 422 |
| Establishments with 20 to 99 employees | number.. 213 |
| Establishments with 100 employees or more | number.. 90 |
| All employees ³ | number.. 33 529 |
| Total compensation | \$1,000.. 1 260 267 |
| Annual payroll | \$1,000.. 1 051 259 |
| Total fringe benefits | \$1,000.. 209 008 |
| Production workers, average for year | number.. 24 557 |
| Production workers on March 12 | number.. 24 126 |
| Production workers on May 12 | number.. 24 939 |
| Production workers on August 12 | number.. 24 989 |
| Production workers on November 12 | number.. 24 124 |
| Production worker hours | 1,000.. 48 944 |
| Production worker wages | \$1,000.. 632 286 |
| Total cost of materials | \$1,000.. 1 925 438 |
| Materials, parts, containers, packaging, etc., used | \$1,000.. 1 545 247 |
| Resales | \$1,000.. 271 358 |
| Purchased fuels | \$1,000.. 11 675 |
| Purchased electricity | \$1,000.. 30 171 |
| Contract work | \$1,000.. 66 987 |
| Quantity of electricity purchased for heat and power | 1,000 kWh.. 444 885 |
| Quantity of electricity generated less sold for heat and power | 1,000 kWh.. S |
| Total value of shipments | \$1,000.. 4 582 002 |
| Primary products value of shipments | \$1,000.. 3 791 224 |
| Secondary products value of shipments | \$1,000.. 321 156 |
| Total miscellaneous receipts | \$1,000.. 469 622 |
| Value of resales | \$1,000.. 411 643 |
| Contract receipts | \$1,000.. 28 041 |
| Other miscellaneous receipts | \$1,000.. 29 938 |
| Primary products specialization ratio | percent.. 92 |
| Value of primary products shipments made in all industries | \$1,000.. 4 138 840 |
| Value of primary products shipments made in this industry | \$1,000.. 3 791 224 |
| Value of primary products shipments made in other industries | \$1,000.. 347 616 |
| Coverage ratio | percent.. 92 |
| Value added | \$1,000.. 2 658 523 |
| Total inventories, beginning of year | \$1,000.. 539 102 |
| Finished goods inventories | \$1,000.. 153 536 |
| Work-in-process inventories | \$1,000.. 106 256 |
| Materials and supplies inventories | \$1,000.. 279 310 |
| Total inventories, end of year | \$1,000.. 549 926 |
| Finished goods inventories | \$1,000.. 159 436 |
| Work-in-process inventories | \$1,000.. 102 315 |
| Materials and supplies inventories | \$1,000.. 288 175 |
| Gross value of depreciable assets (acquisition costs) at beginning of year | \$1,000.. '1 273 092 |
| Total capital expenditures (new and used) | \$1,000.. '128 658 |
| Buildings and other structures (new and used) | \$1,000.. '28 246 |
| Machinery and equipment (new and used) | \$1,000.. '100 412 |
| Automobiles, trucks, etc., for highway use | \$1,000.. '9 067 |
| Computers and peripheral data processing equipment | \$1,000.. '19 063 |
| All other expenditures for machinery and equipment | \$1,000.. '72 282 |
| Total retirements | \$1,000.. '68 759 |
| Gross value of depreciable assets at end of year | \$1,000.. '1 332 991 |
| Depreciation charges during year | \$1,000.. '87 895 |
| Total rental payments | \$1,000.. 67 863 |
| Buildings and other structures | \$1,000.. 39 238 |
| Machinery and equipment | \$1,000.. 28 625 |
| Total other expenses ⁴ | \$1,000.. 298 279 |
| Response coverage ratio ⁵ | percent.. 56 |
| Repair and maintenance services of buildings and/or machinery ⁴ | \$1,000.. 13 678 |
| Communications services ⁴ | \$1,000.. 7 561 |
| Legal services ⁴ | \$1,000.. 3 291 |
| Accounting, auditing, and bookkeeping services ⁴ | \$1,000.. 3 537 |
| Advertising and promotional services ⁴ | \$1,000.. 15 741 |
| Expensed computer hardware and supplies and purchased computer services ⁴ | \$1,000.. 3 246 |
| Refuse removal (including hazardous waste) services ⁴ | \$1,000.. 3 656 |
| Management consulting and administrative services ⁴ | \$1,000.. 8 250 |
| Taxes and license fees ⁴ | \$1,000.. 6 809 |
| All other expenses ⁴ | \$1,000.. 232 510 |

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) | | | | |
| 337127, Institutional furniture manufacturing | | | | | | | | | | | |
| All establishments | 3 | 725 | 33 529 | 1 051 259 | 24 557 | 48 944 | 632 286 | 2 658 523 | 1 925 438 | 4 582 002 | '128 658 |
| Establishments with— | | | | | | | | | | | |
| 1 to 4 employees | 9 | 235 | 485 | 17 332 | 343 | 614 | 9 598 | 36 759 | 28 681 | 65 466 | '1 087 |
| 5 to 9 employees | 7 | 84 | 547 | 20 265 | 380 | 753 | 11 562 | 45 093 | 34 326 | 79 554 | '1 175 |
| 10 to 19 employees | 4 | 103 | 1 448 | 49 976 | 1 020 | 1 980 | 28 524 | 108 782 | 76 162 | 182 738 | '3 759 |
| 20 to 49 employees | 2 | 146 | 4 693 | 150 982 | 3 479 | 6 848 | 91 412 | 318 097 | 212 312 | 530 176 | '16 555 |
| 50 to 99 employees | 2 | 67 | 4 819 | 139 733 | 3 851 | 7 680 | 94 028 | 312 600 | 245 485 | 556 482 | '20 437 |
| 100 to 249 employees | 2 | 68 | 10 414 | 342 420 | 7 384 | 15 035 | 190 985 | 882 431 | 628 194 | 1 514 226 | '53 602 |
| 250 to 499 employees | 4 | 15 | 4 846 | 161 965 | 3 534 | 7 366 | 99 992 | 355 870 | 323 216 | 680 798 | '14 238 |
| 500 to 999 employees | 5 | 4 | 2 465 | 69 653 | 1 829 | 3 275 | 42 228 | 180 072 | 120 254 | 297 216 | '5 564 |
| 1,000 to 2,499 employees | 6 | 3 | 3 812 | 98 933 | 2 737 | 5 393 | 63 957 | 418 819 | 256 808 | 675 346 | '12 241 |
| 2,500 employees or more | — | — | — | — | — | — | — | — | — | — | — |
| Administrative records ⁴ | 9 | 266 | 758 | 27 703 | 532 | 1 015 | 15 638 | 58 897 | 46 907 | 105 800 | '1 717 |

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) | | | | |
| 337127 | Institutional furniture manufacturing ... | 725 | 33 529 | 1 051 259 | 24 557 | 48 944 | 632 286 | 2 658 523 | 1 925 438 | 4 582 002 | '128 658 |
| 3371271 | School furniture (except stone and concrete), excluding library furniture | 50 | 7 411 | 222 791 | 5 553 | 10 585 | 137 657 | 545 066 | 409 471 | 950 397 | '19 980 |
| 3371274 | Public building and related furniture, excluding bar, bowling center, cafeteria, restaurant, and school furniture | 105 | 8 936 | 259 498 | 6 540 | 13 738 | 153 159 | 819 376 | 597 402 | 1 414 606 | '55 665 |
| 3371278 | Bar, bowling center, cafeteria, and restaurant furniture | 88 | 7 809 | 249 188 | 5 696 | 11 426 | 152 543 | 598 503 | 431 781 | 1 031 890 | '25 994 |
| 337127A | Other furniture | 52 | 3 508 | 122 209 | 2 546 | 5 166 | 72 164 | 297 685 | 161 629 | 462 758 | '9 125 |

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) |
| 337127 | Institutional furniture manufacturing | 2002.. N 1997.. N | X X | X X | 4 138 840 3 977 485 |
| 3371271 | School furniture (except stone and concrete), excluding library furniture | 2002.. N 1997.. N | X X | X X | 764 081 630 340 |
| 33712711 | School single-pupil units and nonfolding chairs (except stone and concrete), excluding library furniture | 2002.. N 1997.. N | X X | X X | 259 104 240 087 |
| 3371271111 | School single-pupil units (except stone and concrete), excluding library single-pupil units | 2002.. 14 1997.. 14 | X X | X X | 143 278 133 260 |
| 3371271121 | School chairs (except stone and concrete), nonfolding, all-purpose, excluding library chairs | 2002.. 12 1997.. 15 | X X | X X | 115 826 106 827 |
| 33712712 | Other school furniture (except stone and concrete), designed specifically for use in schools, excluding library furniture | 2002.. N 1997.. N | X X | X X | 491 852 366 341 |
| 3371271211 | School storage cabinets (except stone and concrete), excluding library storage cabinets | 2002.. 27 1997.. 31 | X X | X X | 131 986 116 172 |
| 3371271221 | Other school furniture (except stone and concrete), designed specifically for use in schools, excluding library furniture | 2002.. 56 1997.. 57 | X X | X X | 359 866 250 169 |
| 3371271Y | School furniture (except stone and concrete), excluding library furniture, nsk | 2002.. N 1997.. N | X X | X X | 13 125 23 912 |
| 3371271YVV | School furniture (except stone and concrete), excluding library furniture, nsk | 2002.. N 1997.. N | X X | X X | 13 125 23 912 |
| 3371274 | Public building and related furniture, excluding bar, bowling center, cafeteria, restaurant, and school furniture | 2002.. N 1997.. N | X X | X X | 1 311 148 1 138 881 |
| 33712741 | Public building and related furniture, excluding bar, bowling center, cafeteria, restaurant, and school furniture | 2002.. N 1997.. N | X X | X X | 1 284 206 1 118 392 |
| 3371274111 | Library furniture, including chairs, charging desks, reading tables, and study carrels | 2002.. 27 1997.. 27 | X X | X X | 88 325 53 418 |
| 3371274121 | Church pews | 2002.. 21 1997.. 21 | X X | X X | 64 816 54 767 |
| 3371274141 | Public building folding tables (including folding banquet tables), excluding bar, bowling center, cafeteria, library, restaurant, and school folding tables | 2002.. 15 1997.. 15 | X X | X X | 136 763 71 843 |
| 3371274151 | Public building fixed chairs and seats, including auditorium, institutional, and theater fixed chairs and seats | 2002.. 20 1997.. 9 | X X | S 1 795.7 | 248 947 172 800 |
| 3371274161 | Public building portable folding chairs, including single and ganged auditorium, institutional, and theater portable folding chairs | 2002.. 10 1997.. 8 | X X | P2 556.9 P4 555.2 | 48 871 40 616 |
| 3371274171 | Public building stacking chairs (including auditorium, institutional, and theater stacking chairs), excluding bar, bowling center, cafeteria, library, restaurant, and school stacking chairs | 2002.. 13 1997.. 20 | X X | S P584.6 | 49 625 44 188 |
| 3371274182 | Other public building chairs and seats, including auditorium, barber, beauty, freestanding, theater, and institutional chairs and seats | 2002.. 16 1997.. N | X X | X X | 78 537 N |
| 3371274191 | Stadium and bleacher seating, including grandstands | 2002.. 21 1997.. 16 | X X | X X | 233 398 249 998 |
| 3371274196 | Other public building and related furniture, including church furniture (altars, lecterns, and pulpits), excluding pews and bar, bowling center, cafeteria, restaurant, and school furniture | 2002.. 42 1997.. N | X X | X X | 334 924 N |
| 3371274Y | Public building and related furniture, excluding bar, bowling center, cafeteria, restaurant, and school furniture, nsk | 2002.. N 1997.. N | X X | X X | 26 942 20 489 |
| 3371274YVV | Public building and related furniture, excluding bar, bowling center, cafeteria, restaurant, and school furniture, nsk | 2002.. N 1997.. N | X X | X X | 26 942 20 489 |
| 3371278 | Bar, bowling center, cafeteria, and restaurant furniture | 2002.. N 1997.. N | X X | X X | 897 033 N |
| 33712781 | Bar, bowling center, cafeteria, and restaurant furniture | 2002.. N 1997.. N | X X | X X | 813 723 N |
| 3371278111 | Bar, bowling center, cafeteria, and restaurant upholstered wood chairs and stools | 2002.. 18 1997.. N | X X | X X | 149 913 N |
| 3371278121 | Bar, bowling center, cafeteria, and restaurant nonupholstered wood chairs and stools | 2002.. 15 1997.. N | X X | X X | 28 871 N |
| 3371278131 | Bar, bowling center, cafeteria, and restaurant metal chairs and stools | 2002.. 17 1997.. N | X X | X X | 81 341 N |
| 3371278141 | Bar, bowling center, cafeteria, and restaurant bars and booths, including back bars | 2002.. 39 1997.. N | X X | X X | 116 534 N |
| 3371278192 | Other bar, bowling center, cafeteria, and restaurant furniture, including lunchroom tables | 2002.. 65 1997.. N | X X | X X | 437 064 N |
| 3371278Y | Bar, bowling center, cafeteria, and restaurant furniture, nsk | 2002.. N 1997.. N | X X | X X | 83 310 N |
| 3371278YVV | Bar, bowling center, cafeteria, and restaurant furniture, nsk | 2002.. N 1997.. N | X X | X X | 83 310 N |

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) |
| 337127 | Institutional furniture manufacturing—Con. | | | | |
| 337127A | Other furniture | 2002 N | X | X | 543 013 |
| | | 1997 N | X | X | 842 609 |
| 337127A2 | Other furniture | 2002 N | X | X | 501 427 |
| | | 1997 N | X | X | 802 047 |
| 337127A211 | Industrial stools and work benches | 2002 33 | X | X | 171 230 |
| | | 1997 43 | X | X | 112 709 |
| 337127A292 | Other furniture, including ship furniture and amusement game cabinets | 2002 47 | X | X | 330 197 |
| | | 1997 N | X | X | N |
| 337127AY | Other furniture, nsk | 2002 N | X | X | 41 586 |
| | | 1997 N | X | X | 40 562 |
| 337127AYWV | Other furniture, nsk | 2002 N | X | X | 41 586 |
| | | 1997 N | X | X | 40 562 |
| 337127W | Institutional furniture manufacturing, nsk, total | 2002 N | X | X | 623 565 |
| | | 1997 N | X | X | 337 777 |
| 337127WY | Institutional furniture manufacturing, nsk, total | 2002 N | X | X | 623 565 |
| | | 1997 N | X | X | 337 777 |
| 337127WYWW | Institutional furniture manufacturing, nsk, for nonadministrative-record establishments | 2002 N | X | X | 521 632 |
| | | 1997 N | X | X | 232 011 |
| 337127WYWY | Institutional furniture manufacturing, nsk, for administrative-record establishments | 2002 N | X | X | 101 933 |
| | | 1997 N | X | X | 105 766 |

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) |
|--------------------------|---|--------------------------------------|
| 3371271 | School furniture (except stone and concrete), excluding library furniture | |
| | United States | 2002 .. 764 081 |
| | California | 1997 .. 630 340 |
| | Indiana | 2002 .. 59 781 |
| | Massachusetts | 1997 .. N |
| | Michigan | 2002 .. 12 149 |
| | Ohio | 1997 .. 6 808 |
| | Pennsylvania | 2002 .. 37 165 |
| | Tennessee | 1997 .. N |
| | Texas | 2002 .. 20 108 |
| | Wisconsin | 1997 .. 29 735 |
| | Wisconsin | 2002 .. 22 346 |
| | Wisconsin | 1997 .. N |
| | Wisconsin | 2002 .. 45 775 |
| Wisconsin | 1997 .. 28 165 | |
| Wisconsin | 2002 .. 50 263 | |
| Wisconsin | 1997 .. N | |
| Wisconsin | 2002 .. 81 240 | |
| Wisconsin | 1997 .. 102 071 | |
| Wisconsin | 2002 .. 29 567 | |
| Wisconsin | 1997 .. 25 024 | |
| 3371274 | Public building and related furniture, excluding bar, bowling center, cafeteria, restaurant, and school furniture | |
| | United States | 2002 .. 1 311 148 |
| | Arkansas | 1997 .. 1 138 881 |
| | California | 2002 .. 50 577 |
| | Florida | 1997 .. N |
| | Illinois | 2002 .. 37 146 |
| | Iowa | 1997 .. 45 492 |
| | Michigan | 2002 .. 10 860 |
| | Mississippi | 1997 .. N |
| | Missouri | 2002 .. 59 567 |
| | New Jersey | 1997 .. 54 665 |
| | Ohio | 2002 .. 13 835 |
| | Pennsylvania | 1997 .. 12 834 |
| | Tennessee | 2002 .. 246 133 |
| | Texas | 1997 .. 221 991 |
| | Wisconsin | 2002 .. 171 961 |
| | Wisconsin | 1997 .. N |
| | Wisconsin | 2002 .. 11 564 |
| | Wisconsin | 1997 .. 27 279 |
| | Wisconsin | 2002 .. 9 687 |
| | Wisconsin | 1997 .. N |
| | Wisconsin | 2002 .. 59 666 |
| | Wisconsin | 1997 .. N |
| Wisconsin | 2002 .. 27 475 | |
| Wisconsin | 1997 .. 23 723 | |
| Wisconsin | 2002 .. 7 516 | |
| Wisconsin | 1997 .. 10 239 | |
| Wisconsin | 2002 .. 142 987 | |
| Wisconsin | 1997 .. 104 238 | |
| Wisconsin | 2002 .. 67 102 | |
| Wisconsin | 1997 .. 60 417 | |
| 3371278 | Bar, bowling center, cafeteria, and restaurant furniture | |
| | United States | 2002 .. 897 033 |
| | Arkansas | 1997 .. N |
| | California | 2002 .. 16 251 |
| | Florida | 1997 .. N |
| | Georgia | 2002 .. 79 690 |
| | Illinois | 1997 .. N |
| | Indiana | 2002 .. 58 534 |
| | Michigan | 1997 .. N |
| | Minnesota | 2002 .. 29 541 |
| | Ohio | 1997 .. N |
| | Oregon | 2002 .. 20 626 |
| | Pennsylvania | 1997 .. N |
| | Texas | 2002 .. 30 925 |
| | Wisconsin | 1997 .. N |
| | Wisconsin | 2002 .. 73 248 |
| | Wisconsin | 1997 .. N |
| | Wisconsin | 2002 .. 31 139 |
| | Wisconsin | 1997 .. N |
| | Wisconsin | 2002 .. 29 159 |
| Wisconsin | 1997 .. N | |
| Wisconsin | 2002 .. 16 028 | |
| Wisconsin | 1997 .. N | |
| Wisconsin | 2002 .. 14 426 | |
| Wisconsin | 1997 .. N | |
| Wisconsin | 2002 .. 5 771 | |
| Wisconsin | 1997 .. N | |
| Wisconsin | 2002 .. 106 172 | |
| Wisconsin | 1997 .. N | |
| 337127A | Other furniture | |
| | United States | 2002 .. 543 013 |
| | California | 1997 .. 842 609 |
| | Illinois | 2002 .. 53 270 |
| | Michigan | 1997 .. 140 650 |
| | Minnesota | 2002 .. 113 472 |
| | Mississippi | 1997 .. 25 448 |
| | Missouri | 2002 .. 4 225 |
| | Pennsylvania | 1997 .. 126 558 |
| | Pennsylvania | 2002 .. 2 340 |
| | Pennsylvania | 1997 .. 22 624 |
| | Pennsylvania | 2002 .. 11 145 |
| Pennsylvania | 1997 .. 14 544 | |
| Pennsylvania | 2002 .. 5 826 | |
| Pennsylvania | 1997 .. 16 073 | |
| Pennsylvania | 2002 .. 58 068 | |

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) |
|--------------------------|-----------------------------------|--------------------------------------|
| 337127A | Other furniture—Con. | |
| | United States—Con. | |
| | | 1997.. 85 393 |
| | Tennessee | 2002.. 26 008 |
| | | 1997.. 25 095 |
| | Texas | 2002.. 6 455 |
| | | 1997.. 20 877 |
| | Wisconsin | 2002.. 31 582 |
| | | 1997.. 21 120 |

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) |
|---------------|---|----------------------|--------------------------|
| 337127 | Institutional furniture manufacturing | | |
| 0090001 | Total materials | 2002.. X 1997.. X | 1 545 247 1 625 071 |
| 332000AC | Metal stampings | 2002.. X 1997.. X | 4 415 28 788 |
| 33200007 | Other fabricated metal products (including forgings) | 2002.. X 1997.. X | 20 713 N |
| 33100035 | Castings, rough and semifinished | 2002.. X 1997.. X | 4 545 15 101 |
| 33120016 | Steel sheet and strip (including tinplate) | 2002.. X 1997.. X | 55 812 N |
| 33120030 | All other steel shapes and forms (excluding castings, forgings, and fabricated metal products) | 2002.. X 1997.. X | 37 750 N |
| 33131500 | Aluminum and aluminum-base alloy sheet, plate, foil, and welded tubing | 2002.. X 1997.. X | 13 330 N |
| 33100055 | All other aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products) | 2002.. X 1997.. X | 20 840 40 699 |
| 32100025 | Hardwood lumber, rough and dressed | 2002.. X 1997.. X | 47 196 126 520 |
| 32100031 | Softwood lumber, rough and dressed | 2002.. X 1997.. X | 6 085 7 788 |
| 32191203 | Hardwood cut stock and dimension (excluding furniture frames) | 2002.. X 1997.. X | 29 947 N |
| 32121200 | Softwood plywood | 2002.. X 1997.. X | 12 126 N |
| 32121100 | Hardwood plywood | 2002.. X 1997.. X | 23 217 N |
| 32121104 | Hardwood veneer | 2002.. X 1997.. X | 13 495 N |
| 32121902 | Particleboard (reconstituted wood) | 2002.. X 1997.. X | 23 394 N |
| 32121906 | Medium density fiberboard (MDF) | 2002.. X 1997.. X | 7 588 N |
| 33721500 | Wood furniture frames | 2002.. X 1997.. X | 19 920 N |
| 32613001 | Plastics laminated sheets | 2002.. X 1997.. X | 30 774 53 948 |
| 32619909 | Plastics furniture parts and components | 2002.. X 1997.. X | 53 994 81 085 |
| 32615000 | Formed and slab stock for pillows, cushions, seating, etc. (urethane) | 2002.. X 1997.. X | 6 896 25 035 |
| 31332006 | Coated and laminated fabrics (including vinyl coated) | 2002.. X 1997.. X | 10 690 N |
| 31321007 | Woven cotton upholstery fabrics (excluding ticking) | 2002.. X 1997.. X | 7 751 N |
| 31321011 | Other woven upholstery fabrics (rayon, nylon, polyester, etc.), excluding ticking | 2002.. X 1997.. X | 10 474 N |
| 32551002 | Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied product | 2002.. X 1997.. X | 18 827 N |
| 32552001 | Adhesives and sealants | 2002.. X 1997.. X | 6 028 9 951 |
| 33251001 | Furniture and builders' hardware (including cabinet hardware, casters, glides, handles, hinges, locks, etc.) | 2002.. X 1997.. X | 40 157 100 911 |
| 32221001 | Paperboard containers, boxes, and corrugated paperboard | 2002.. X 1997.. X | 28 254 39 658 |
| 00970099 | All other materials and components, parts, containers, and supplies | 2002.. X 1997.. X | 637 400 735 996 |
| 00971000 | Materials, ingredients, containers, and supplies, nsk | 2002.. X 1997.. X | 353 629 359 591 |

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.