

# Thread Mills: 2002

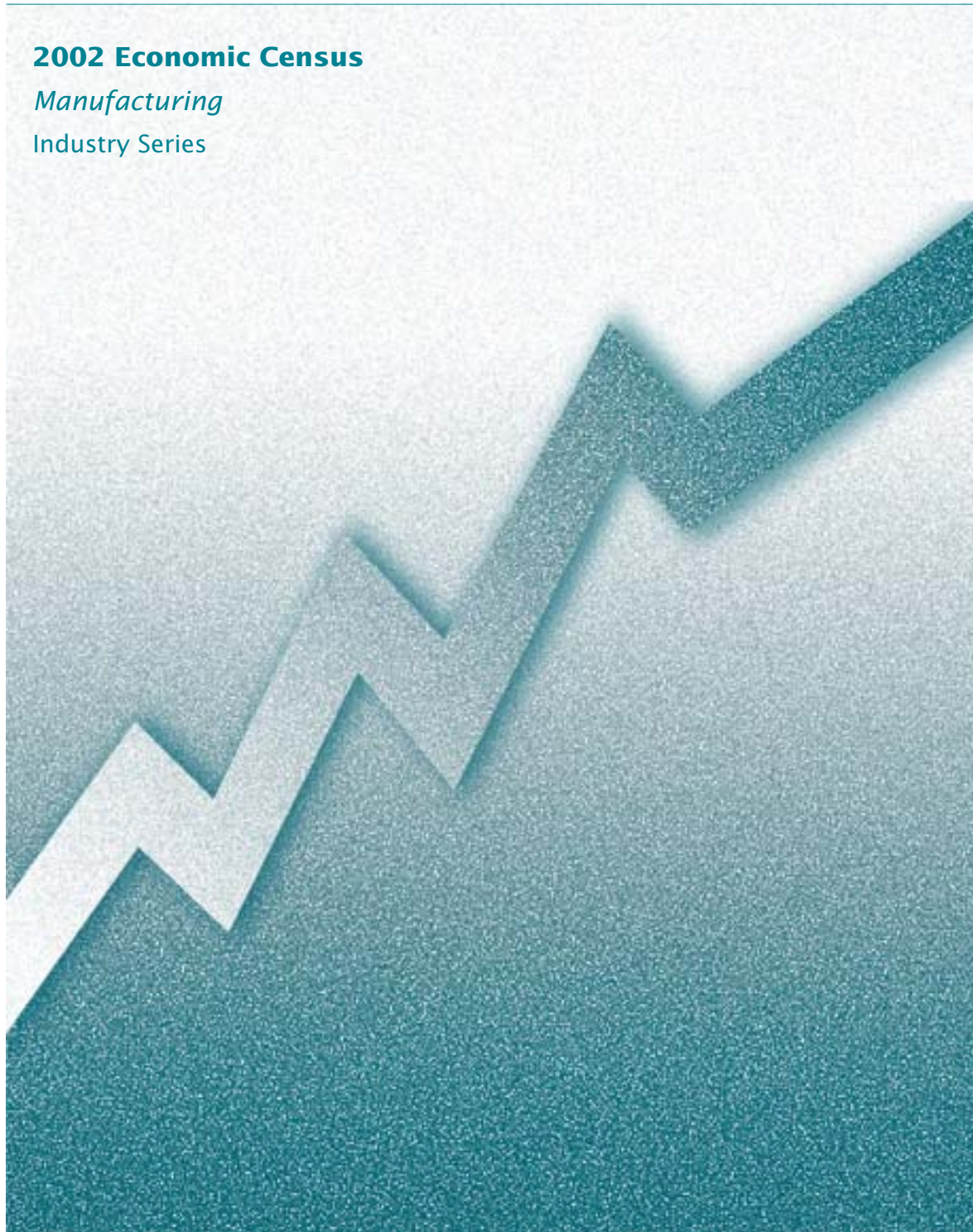
Issued December 2004

EC02-311-313113 (RV)

## 2002 Economic Census

*Manufacturing*

Industry Series



**USCENSUSBUREAU**

*Helping You Make Informed Decisions*

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



## CONTENTS

---

|   |     |
|---|-----|
| Introduction to the Economic Census .....                                     | v   |
| Manufacturing .....   | ix  |
| Tables  |     |
| 1. Historical Statistics for the Industry: 2002 and Earlier Years ...         | 1   |
| 2. Industry Statistics for Selected States: 2002 .....                        | 2   |
| 3. Detailed Statistics by Industry: 2002 .....                                | 3   |
| 4. Industry Statistics by Employment Size: 2002.....                          | 4   |
| 5. Industry Statistics by Primary Product Class Specialization:<br>2002 ..... | 5   |
| 6a. Products Statistics: 2002 and 1997 .....                                  | 6   |
| 6b. Product Class Shipments for Selected States: 2002 and 1997 .              | --  |
| 7. Materials Consumed by Kind: 2002 and 1997.....                             | 8   |
| 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<br>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 expenditures (\$1,000) |
|----------------------------------|-------------------------|-----------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                  |                         |                                   | Number <sup>4</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| 313113, Thread mills..... 2002.. | 83                      | 87                                | 2 154               | 50 614            | 1 840               | 3 544         | 38 678          | 109 364               | 166 836                           | 276 066                            | '3 674                               |
| 2001..                           | N                       | N                                 | 2 491               | 51 949            | 2 158               | 4 237         | 40 294          | 113 096               | 162 900                           | 277 941                            | 3 313                                |
| 2000..                           | N                       | N                                 | 3 120               | 70 542            | 2 713               | 5 561         | 55 993          | 164 039               | 217 402                           | 374 414                            | 8 899                                |
| 1999..                           | N                       | N                                 | 2 886               | 59 130            | 2 494               | 4 872         | 46 602          | 103 942               | 208 725                           | 310 982                            | 10 771                               |
| 1998..                           | N                       | N                                 | 3 951               | 86 738            | 3 549               | 7 391         | 67 957          | 159 045               | 442 471                           | 602 600                            | 15 951                               |
| 1997..                           | 44                      | 49                                | 3 595               | 78 635            | 3 209               | 6 853         | 60 811          | 141 982               | 380 761                           | 521 932                            | 18 681                               |

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

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

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

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

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

**Table 2. Industry Statistics for Selected States: 2002**

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

| Industry and geographic area | All establishments <sup>2</sup> |       |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------------------------|---------------------------------|-------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                              | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>3</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>313113, Thread mills</b>  |                                 |       |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| United States.....           | 1                               | 87    | 20                        | 2 154               | 50 614            | 1 840               | 3 544         | 38 678          | 109 364               | 166 836                           | 276 066                            | '3 674                               |
| North Carolina.....          | —                               | 9     | 5                         | 1 011               | 23 729            | 874                 | 1 664         | 18 262          | 58 425                | 93 563                            | 152 732                            | '1 917                               |
| Pennsylvania.....            | 1                               | 8     | 5                         | 342                 | 7 969             | 273                 | 538           | 5 743           | 14 784                | 18 365                            | 32 768                             | '381                                 |

<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>313113, Thread mills</b>  |                    |
| Companies <sup>1</sup> .....   | number.. 83        |
| All establishments <sup>2</sup> .....  | number.. 87        |
| Establishments with 1 to 19 employees.....   | number.. 67        |
| Establishments with 20 to 99 employees.....  | number.. 15        |
| Establishments with 100 employees or more.....   | number.. 5         |
| All employees <sup>3</sup> .....   | number.. 2 154     |
| Total compensation.....  | \$1,000.. 66 184   |
| Annual payroll.....  | \$1,000.. 50 614   |
| Total fringe benefits.....   | \$1,000.. 15 570   |
| Production workers, average for year.....  | number.. 1 840     |
| Production workers on March 12.....  | number.. 1 802     |
| Production workers on May 12.....  | number.. 1 830     |
| Production workers on August 12.....   | number.. 1 856     |
| Production workers on November 12.....   | number.. 1 866     |
| Production worker hours.....   | 1,000.. 3 544      |
| Production worker wages.....   | \$1,000.. 38 678   |
| Total cost of materials.....   | \$1,000.. 166 836  |
| Materials, parts, containers, packaging, etc., used.....                                   | \$1,000.. 157 946  |
| Resales.....   | \$1,000.. 986      |
| Purchased fuels.....   | \$1,000.. 2 026    |
| Purchased electricity.....   | \$1,000.. 5 397    |
| Contract work.....   | \$1,000.. 481      |
| Quantity of electricity purchased for heat and power.....                                  | 1,000 kWh.. 87 472 |
| Quantity of electricity generated less sold for heat and power.....                        | 1,000 kWh.. 1 468  |
| Total value of shipments.....  | \$1,000.. 276 066  |
| Primary products value of shipments.....   | \$1,000.. 270 029  |
| Secondary products value of shipments.....   | \$1,000.. D        |
| Total miscellaneous receipts.....  | \$1,000.. D        |
| Value of resales.....  | \$1,000.. 1 272    |
| Contract receipts.....   | \$1,000.. D        |
| Other miscellaneous receipts.....  | \$1,000.. D        |
| Primary products specialization ratio.....   | percent.. 98       |
| Value of primary products shipments made in all industries.....                            | \$1,000.. 289 425  |
| Value of primary products shipments made in this industry.....                             | \$1,000.. 270 029  |
| Value of primary products shipments made in other industries.....                          | \$1,000.. 19 396   |
| Coverage ratio.....  | percent.. 93       |
| Value added.....   | \$1,000.. 109 364  |
| Total inventories, beginning of year.....  | \$1,000.. 44 227   |
| Finished goods inventories.....  | \$1,000.. 17 893   |
| Work-in-process inventories.....   | \$1,000.. 18 029   |
| Materials and supplies inventories.....  | \$1,000.. 8 305    |
| Total inventories, end of year.....  | \$1,000.. 44 429   |
| Finished goods inventories.....  | \$1,000.. 19 288   |
| Work-in-process inventories.....   | \$1,000.. 16 768   |
| Materials and supplies inventories.....  | \$1,000.. 8 373    |
| Gross value of depreciable assets (acquisition costs) at beginning of year.....            | \$1,000.. '135 378 |
| Total capital expenditures (new and used).....   | \$1,000.. '3 674   |
| Buildings and other structures (new and used).....   | \$1,000.. '657     |
| Machinery and equipment (new and used).....  | \$1,000.. '3 017   |
| Automobiles, trucks, etc., for highway use.....  | \$1,000.. '126     |
| Computers and peripheral data processing equipment.....                                    | \$1,000.. '130     |
| All other expenditures for machinery and equipment.....                                    | \$1,000.. '2 761   |
| Total retirements.....   | \$1,000.. '3 529   |
| Gross value of depreciable assets at end of year.....                                      | \$1,000.. '135 523 |
| Depreciation charges during year.....  | \$1,000.. '8 955   |
| Total rental payments.....   | \$1,000.. 3 357    |
| Buildings and other structures.....  | \$1,000.. 1 854    |
| Machinery and equipment.....   | \$1,000.. 1 503    |
| Total other expenses <sup>4</sup> .....  | \$1,000.. 10 588   |
| Response coverage ratio <sup>5</sup> .....   | percent.. 79       |
| Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....           | \$1,000.. 3 040    |
| Communications services <sup>4</sup> .....   | \$1,000.. 195      |
| Legal services <sup>4</sup> .....  | \$1,000.. 87       |
| Accounting, auditing, and bookkeeping services <sup>4</sup> .....                          | \$1,000.. 122      |
| Advertising and promotional services <sup>4</sup> .....                                    | \$1,000.. 165      |
| Expensed computer hardware and supplies and purchased computer services <sup>4</sup> ..... | \$1,000.. 336      |
| Refuse removal (including hazardous waste) services <sup>4</sup> .....                     | \$1,000.. 184      |
| Management consulting and administrative services <sup>4</sup> .....                       | \$1,000.. D        |
| Taxes and license fees <sup>4</sup> .....  | \$1,000.. D        |
| All other expenses <sup>4</sup> .....  | \$1,000.. 6 042    |

<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 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>313113, Thread mills</b>               |                |                                 |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| All establishments .....                  | 1              | 87                              | 2 154               | 50 614            | 1 840               | 3 544         | 38 678          | 109 364               | 166 836                           | 276 066                            | '3 674                               |
| Establishments with—                      |                |                                 |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 1 to 4 employees .....                    | 9              | 50                              | 83                  | 1 714             | 73                  | 135           | 1 322           | 4 092                 | 5 446                             | 9 537                              | '137                                 |
| 5 to 9 employees .....                    | 9              | 10                              | 69                  | 1 565             | 62                  | 124           | 1 316           | 3 230                 | 4 812                             | 8 071                              | '113                                 |
| 10 to 19 employees .....                  | 9              | 7                               | b                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 20 to 49 employees .....                  | 2              | 8                               | 273                 | 7 506             | 233                 | 512           | 5 576           | 13 999                | 26 097                            | 40 230                             | '642                                 |
| 50 to 99 employees .....                  | —              | 7                               | 426                 | 8 688             | 364                 | 657           | 6 342           | 14 758                | 27 314                            | 42 557                             | '356                                 |
| 100 to 249 employees .....                | —              | 4                               | 533                 | 13 254            | 430                 | 842           | 9 810           | 24 604                | 28 802                            | 52 178                             | D                                    |
| 250 to 499 employees .....                | —              | —                               | —                   | —                 | —                   | —             | —               | —                     | —                                 | —                                  | —                                    |
| 500 to 999 employees .....                | —              | 1                               | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 1,000 to 2,499 employees .....            | —              | —                               | —                   | —                 | —                   | —             | —               | —                     | —                                 | —                                  | —                                    |
| 2,500 employees or more .....             | —              | —                               | —                   | —                 | —                   | —             | —               | —                     | —                                 | —                                  | —                                    |
| Administrative records <sup>4</sup> ..... | 9              | 61                              | 183                 | 3 801             | 163                 | 320           | 3 007           | 9 483                 | 13 109                            | 22 374                             | '328                                 |

<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) |                       |                                   |                                    |                                      |
| 313113                         | Thread mills .....                | 87                              | 2 154               | 50 614            | 1 840               | 3 544         | 38 678          | 109 364               | 166 836                           | 276 066                            | '3 674                               |
| 3131130                        | Thread mills .....                | 87                              | 2 154               | 50 614            | 1 840               | 3 544         | 38 678          | 109 364               | 166 836                           | 276 066                            | '3 674                               |

<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) |         |
| 313113       | Thread mills .....   | 2002..  | N                                       | X                 | X               | 289 425 |
|              |  | 1997..  | N                                       | X                 | X               | 702 519 |
| 3131130      | Thread mills .....   | 2002..  | N                                       | X                 | X               | 289 425 |
| 31311301     | Thread mills .....   | 1997..  | N                                       | X                 | X               | 702 519 |
|              |  | 2002..  | N                                       | X                 | X               | 260 835 |
| 3131130112   | Finished spun thread (excluding cordage products, such as bag thread, string, twine, rope, etc.), except cotton .....            | 1997..  | N                                       | X                 | X               | 688 581 |
|              |  | 2002..  | 7                                       | X                 | X               | 14 638  |
| 3131130132   | Finished thread (excluding cordage products, such as bag thread, string, twine, rope, etc.), cotton .....                        | 1997..  | N                                       | X                 | X               | N       |
|              |  | 2002..  | 16                                      | X                 | X               | 143 124 |
| 3131130152   | Finished filament yarn thread including silk (excluding cordage products, such as bag thread, string, twine, rope, etc.) .....   | 1997..  | N                                       | X                 | X               | N       |
|              |  | 2002..  | 9                                       | X                 | X               | 70 776  |
| 3131130172   | Finished core thread, cotton or manmade sheath (excluding cordage products, such as bag thread, string, twine, rope, etc.) ..... | 1997..  | N                                       | X                 | X               | N       |
|              |  | 2002..  | 4                                       | X                 | X               | D       |
| 31311301C1   | Unfinished thread shipped or transferred to other plants for finishing .....   | 1997..  | N                                       | X                 | X               | N       |
|              |  | 2002..  | 2                                       | X                 | X               | D       |
| 3131130Y     | Thread mills, nsk, total .....   | 1997..  | 1                                       | X                 | X               | D       |
|              |  | 2002..  | N                                       | X                 | X               | 28 590  |
| 3131130YWW   | Thread mills, nsk, for nonadministrative-record establishments .....   | 1997..  | N                                       | X                 | X               | 13 938  |
|              |  | 2002..  | N                                       | X                 | X               | 6 745   |
| 3131130YWY   | Thread mills, nsk, for administrative-record establishments .....  | 1997..  | N                                       | X                 | X               | 6 327   |
|              |  | 2002..  | N                                       | X                 | X               | 21 845  |
|              |  | 1997..  | N                                       | X                 | X               | 7 611   |

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**

[Not applicable for this report.]

**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) |
|---------------|--|----------|--------------------------|
| 313113        | Thread mills   |          |                          |
| 0090001       | Total materials .....  | X        | 157 946                  |
|               |  | X        | 361 492                  |
| 31311101      | Spun yarn, all fibers ..... mil lb. .2002..                              | S        | 72 734                   |
|               |  | P14.7    | 135 868                  |
| 32522211      | Nylon filament yarn ..... mil lb. .2002..                                | S        | 26 389                   |
|               |  | P6.9     | 52 614                   |
| 32522205      | All other manmade fiber filament yarns ..... mil lb. .2002..             | S        | 4 308                    |
|               |  | S        | 6 240                    |
| 32522201      | Noncellulosic (polyester, nylon, etc.) fibers ..... mil lb. .2002..      | D        | D                        |
|               |  | N        | N                        |
| 00970099      | All other materials and components, parts, containers, and supplies..... | X        | D                        |
|               |  | X        | 158 802                  |
| 00971000      | Materials, ingredients, containers, and supplies, nsk .....              | X        | 7 963                    |
|               |  | X        | 7 968                    |

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.