

Concentration Ratios: 2002

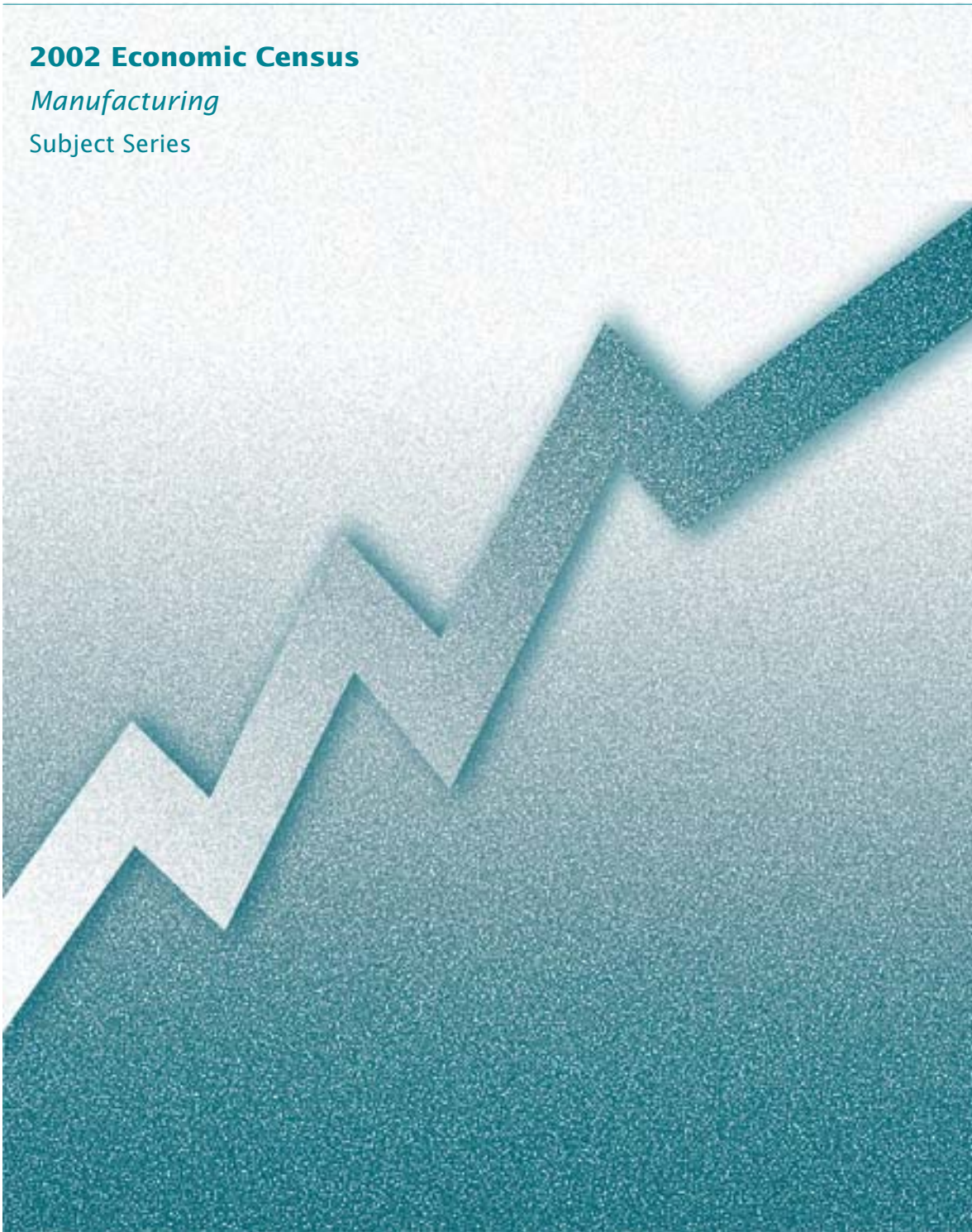
Issued May 2006

EC02-31SR-1

2002 Economic Census

Manufacturing

Subject 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. Share of Industry Statistics for Companies Ranked by Value Added: 2002 | 1 |
| 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002 | 2 |
| 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002 | 67 |
| 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 | -- |
| -- Not applicable for this report. | |

Table 1. Share of Industry Statistics for Companies Ranked by Value Added: 2002

[Percent. Detail may not add to total because of rounding. 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. For explanation of terms, see Appendix A]

| Company rank group based on value added ¹ | All employees | Payroll | Production workers | | | Value added | Total cost of materials | Total value of shipments | Total capital expenditures |
|--|---------------|---------|--------------------|-------|-------|-------------|-------------------------|--------------------------|----------------------------|
| | | | Total | Hours | Wages | | | | |
| 50 largest companies | 12.1 | 16.9 | 11.1 | 11.4 | 16.4 | 25.3 | 23.7 | 24.5 | 19.9 |
| 51st to 100th largest companies | 5.3 | 6.1 | 5.3 | 5.5 | 6.5 | 8.4 | 9.1 | 8.8 | 8.6 |
| 101st to 150th largest companies | 3.9 | 4.1 | 4.0 | 4.1 | 4.3 | 5.0 | 5.2 | 5.1 | 5.3 |
| 151st to 200th largest companies | 3.1 | 3.6 | 3.0 | 3.0 | 3.5 | 3.7 | 5.8 | 4.8 | 4.6 |
| 201st and larger companies | 75.5 | 69.3 | 76.5 | 76.0 | 69.3 | 57.5 | 56.3 | 56.9 | 61.5 |

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

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 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|---------------|---|------------------------|---|------------------------------------|--|
| 311 | Food manufacturing | | | | |
| | All companies | 23 334 | 458 247 704 | 100.0 | X |
| | 4 largest companies | X | X | 16.8 | X |
| | 8 largest companies | X | X | 25.4 | X |
| | 20 largest companies | X | X | 39.8 | X |
| | 50 largest companies | X | X | 53.1 | 118.7 |
| 3111 | Animal food manufacturing | | | | |
| | All companies | 1 211 | 27 985 648 | 100.0 | X |
| | 4 largest companies | X | X | 29.8 | X |
| | 8 largest companies | X | X | 40.9 | X |
| | 20 largest companies | X | X | 59.0 | X |
| | 50 largest companies | X | X | 73.0 | 364.9 |
| 31111 | Animal food manufacturing | | | | |
| | All companies | 1 211 | 27 985 648 | 100.0 | X |
| | 4 largest companies | X | X | 29.8 | X |
| | 8 largest companies | X | X | 40.9 | X |
| | 20 largest companies | X | X | 59.0 | X |
| | 50 largest companies | X | X | 73.0 | 364.9 |
| 311111 | Dog and cat food manufacturing | | | | |
| | All companies | 176 | 10 624 932 | 100.0 | X |
| | 4 largest companies | X | X | 64.2 | X |
| | 8 largest companies | X | X | 81.3 | X |
| | 20 largest companies | X | X | 93.2 | X |
| | 50 largest companies | X | X | 98.0 | 1 845.4 |
| 311119 | Other animal food manufacturing | | | | |
| | All companies | 1 043 | 17 360 716 | 100.0 | X |
| | 4 largest companies | X | X | 26.1 | X |
| | 8 largest companies | X | X | 37.6 | X |
| | 20 largest companies | X | X | 54.3 | X |
| | 50 largest companies | X | X | 66.8 | 256.0 |
| 3112 | Grain and oilseed milling | | | | |
| | All companies | 506 | 47 198 757 | 100.0 | X |
| | 4 largest companies | X | X | 47.3 | X |
| | 8 largest companies | X | X | 60.7 | X |
| | 20 largest companies | X | X | 75.4 | X |
| | 50 largest companies | X | X | 88.2 | 685.5 |
| 31121 | Flour milling and malt manufacturing | | | | |
| | All companies | 285 | 9 048 106 | 100.0 | X |
| | 4 largest companies | X | X | 41.5 | X |
| | 8 largest companies | X | X | 54.7 | X |
| | 20 largest companies | X | X | 72.9 | X |
| | 50 largest companies | X | X | 89.7 | 529.5 |
| 311211 | Flour milling | | | | |
| | All companies | 211 | 6 840 797 | 100.0 | X |
| | 4 largest companies | X | X | 53.6 | X |
| | 8 largest companies | X | X | 67.4 | X |
| | 20 largest companies | X | X | 82.1 | X |
| | 50 largest companies | X | X | 94.4 | 812.3 |
| 311212 | Rice milling | | | | |
| | All companies | 62 | 1 728 419 | 100.0 | X |
| | 4 largest companies | X | X | 53.6 | X |
| | 8 largest companies | X | X | 72.7 | X |
| | 20 largest companies | X | X | 89.6 | X |
| | 50 largest companies | X | X | 99.6 | 1 039.0 |
| 311213 | Malt manufacturing | | | | |
| | All companies | 16 | 478 890 | 100.0 | X |
| | 4 largest companies | X | X | 91.4 | X |
| | 8 largest companies | X | X | 98.7 | X |
| | 20 largest companies | X | X | 100.0 | 2 192.4 |
| | 50 largest companies | X | X | — | — |
| 31122 | Starch and vegetable fats and oils manufacturing | | | | |
| | All companies | 191 | 29 048 124 | 100.0 | X |
| | 4 largest companies | X | X | 58.4 | X |
| | 8 largest companies | X | X | 69.6 | X |
| | 20 largest companies | X | X | 86.4 | X |
| | 50 largest companies | X | X | 96.2 | 1 117.1 |
| 311221 | Wet corn milling | | | | |
| | All companies | 35 | 7 961 922 | 100.0 | X |
| | 4 largest companies | X | X | 68.7 | X |
| | 8 largest companies | X | X | 90.2 | X |
| | 20 largest companies | X | X | 99.6 | X |
| | 50 largest companies | X | X | 100.0 | 1 524.2 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 311 | Food manufacturing—Con. | | | | |
| 3112 | Grain and oilseed milling—Con. | | | | |
| 31122 | Starch and vegetable fats and oils manufacturing—Con. | | | | |
| 311222 | Soybean processing | | | | |
| | All companies | 62 | 12 766 864 | 100.0 | X |
| | 4 largest companies | X | X | 79.9 | X |
| | 8 largest companies | X | X | 89.4 | X |
| | 20 largest companies | X | X | 97.9 | X |
| | 50 largest companies | X | X | 99.9 | 1 817.9 |
| 311223 | Other oilseed processing | | | | |
| | All companies | 34 | 1 129 107 | 100.0 | X |
| | 4 largest companies | X | X | 57.5 | X |
| | 8 largest companies | X | X | 76.6 | X |
| | 20 largest companies | X | X | 97.5 | X |
| | 50 largest companies | X | X | 100.0 | 1 069.0 |
| 311225 | Fats and oils refining and blending | | | | |
| | All companies | 77 | 7 190 231 | 100.0 | X |
| | 4 largest companies | X | X | 48.2 | X |
| | 8 largest companies | X | X | 74.3 | X |
| | 20 largest companies | X | X | 92.7 | X |
| | 50 largest companies | X | X | 99.5 | 850.6 |
| 31123 | Breakfast cereal manufacturing | | | | |
| | All companies | 45 | 9 102 527 | 100.0 | X |
| | 4 largest companies | X | X | 78.4 | X |
| | 8 largest companies | X | X | 91.1 | X |
| | 20 largest companies | X | X | 98.8 | X |
| | 50 largest companies | X | X | 100.0 | 2 521.3 |
| 311230 | Breakfast cereal manufacturing | | | | |
| | All companies | 45 | 9 102 527 | 100.0 | X |
| | 4 largest companies | X | X | 78.4 | X |
| | 8 largest companies | X | X | 91.1 | X |
| | 20 largest companies | X | X | 98.8 | X |
| | 50 largest companies | X | X | 100.0 | 2 521.3 |
| 3113 | Sugar and confectionery product manufacturing | | | | |
| | All companies | 1 656 | 25 490 835 | 100.0 | X |
| | 4 largest companies | X | X | 37.7 | X |
| | 8 largest companies | X | X | 51.7 | X |
| | 20 largest companies | X | X | 68.5 | X |
| | 50 largest companies | X | X | 82.7 | 511.8 |
| 31131 | Sugar manufacturing | | | | |
| | All companies | 52 | 6 630 273 | 100.0 | X |
| | 4 largest companies | X | X | 58.5 | X |
| | 8 largest companies | X | X | 75.3 | X |
| | 20 largest companies | X | X | 92.9 | X |
| | 50 largest companies | X | X | D | 1 062.2 |
| 311311 | Sugarcane mills | | | | |
| | All companies | 30 | 1 663 833 | 100.0 | X |
| | 4 largest companies | X | X | 51.4 | X |
| | 8 largest companies | X | X | 69.8 | X |
| | 20 largest companies | X | X | 99.2 | X |
| | 50 largest companies | X | X | 100.0 | 887.6 |
| 311312 | Cane sugar refining | | | | |
| | All companies | 13 | 2 696 992 | 100.0 | X |
| | 4 largest companies | X | X | D | X |
| | 8 largest companies | X | X | 99.9 | X |
| | 20 largest companies | X | X | 100.0 | D |
| | 50 largest companies | X | X | — | — |
| 311313 | Beet sugar manufacturing | | | | |
| | All companies | 12 | 2 269 448 | 100.0 | X |
| | 4 largest companies | X | X | 79.5 | X |
| | 8 largest companies | X | X | 97.4 | X |
| | 20 largest companies | X | X | 100.0 | 2 082.0 |
| | 50 largest companies | X | X | — | — |
| 31132 | Chocolate and confectionery manufacturing from cacao beans | | | | |
| | All companies | 138 | 4 078 568 | 100.0 | X |
| | 4 largest companies | X | X | 69.0 | X |
| | 8 largest companies | X | X | 87.9 | X |
| | 20 largest companies | X | X | 96.7 | X |
| | 50 largest companies | X | X | 98.8 | 1 793.1 |
| 311320 | Chocolate and confectionery manufacturing from cacao beans | | | | |
| | All companies | 138 | 4 078 568 | 100.0 | X |
| | 4 largest companies | X | X | 69.0 | X |
| | 8 largest companies | X | X | 87.9 | X |
| | 20 largest companies | X | X | 96.7 | X |
| | 50 largest companies | X | X | 98.8 | 1 793.1 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 311 | Food manufacturing—Con. | | | | |
| 3113 | Sugar and confectionery product manufacturing—Con. | | | | |
| 31133 | Confectionery manufacturing from purchased chocolate | | | | |
| | All companies | 1 008 | 8 833 323 | 100.0 | X |
| | 4 largest companies | X | X | 60.4 | X |
| | 8 largest companies | X | X | 71.9 | X |
| | 20 largest companies | X | X | 82.2 | X |
| | 50 largest companies | X | X | 89.5 | 1 473.8 |
| 311330 | Confectionery manufacturing from purchased chocolate | | | | |
| | All companies | 1 008 | 8 833 323 | 100.0 | X |
| | 4 largest companies | X | X | 60.4 | X |
| | 8 largest companies | X | X | 71.9 | X |
| | 20 largest companies | X | X | 82.2 | X |
| | 50 largest companies | X | X | 89.5 | 1 473.8 |
| 31134 | Nonchocolate confectionery manufacturing | | | | |
| | All companies | 476 | 5 948 671 | 100.0 | X |
| | 4 largest companies | X | X | 44.9 | X |
| | 8 largest companies | X | X | 58.5 | X |
| | 20 largest companies | X | X | 75.9 | X |
| | 50 largest companies | X | X | 91.1 | 645.7 |
| 311340 | Nonchocolate confectionery manufacturing | | | | |
| | All companies | 476 | 5 948 671 | 100.0 | X |
| | 4 largest companies | X | X | 44.9 | X |
| | 8 largest companies | X | X | 58.5 | X |
| | 20 largest companies | X | X | 75.9 | X |
| | 50 largest companies | X | X | 91.1 | 645.7 |
| 3114 | Fruit and vegetable preserving and specialty food manufacturing | | | | |
| | All companies | 1 360 | 53 667 899 | 100.0 | X |
| | 4 largest companies | X | X | 24.3 | X |
| | 8 largest companies | X | X | 36.1 | X |
| | 20 largest companies | X | X | 52.0 | X |
| | 50 largest companies | X | X | 69.4 | 224.5 |
| 31141 | Frozen food manufacturing | | | | |
| | All companies | 506 | 21 880 056 | 100.0 | X |
| | 4 largest companies | X | X | 33.4 | X |
| | 8 largest companies | X | X | 47.9 | X |
| | 20 largest companies | X | X | 66.8 | X |
| | 50 largest companies | X | X | 82.4 | 413.8 |
| 311411 | Frozen fruit, juice, and vegetable manufacturing | | | | |
| | All companies | 153 | 9 177 777 | 100.0 | X |
| | 4 largest companies | X | X | 39.4 | X |
| | 8 largest companies | X | X | 55.2 | X |
| | 20 largest companies | X | X | 77.9 | X |
| | 50 largest companies | X | X | 93.4 | 533.4 |
| 311412 | Frozen specialty food manufacturing | | | | |
| | All companies | 361 | 12 702 279 | 100.0 | X |
| | 4 largest companies | X | X | 41.2 | X |
| | 8 largest companies | X | X | 58.3 | X |
| | 20 largest companies | X | X | 75.9 | X |
| | 50 largest companies | X | X | 89.0 | 657.5 |
| 31142 | Fruit and vegetable canning, pickling, and drying | | | | |
| | All companies | 877 | 31 787 843 | 100.0 | X |
| | 4 largest companies | X | X | 27.0 | X |
| | 8 largest companies | X | X | 39.8 | X |
| | 20 largest companies | X | X | 57.3 | X |
| | 50 largest companies | X | X | 75.9 | 309.6 |
| 311421 | Fruit and vegetable canning | | | | |
| | All companies | 632 | 18 869 098 | 100.0 | X |
| | 4 largest companies | X | X | 23.7 | X |
| | 8 largest companies | X | X | 37.9 | X |
| | 20 largest companies | X | X | 59.7 | X |
| | 50 largest companies | X | X | 78.5 | 256.7 |
| 311422 | Specialty canning | | | | |
| | All companies | 115 | 7 637 160 | 100.0 | X |
| | 4 largest companies | X | X | 71.0 | X |
| | 8 largest companies | X | X | 83.9 | X |
| | 20 largest companies | X | X | 93.5 | X |
| | 50 largest companies | X | X | 99.0 | 2 798.5 |
| 311423 | Dried and dehydrated food manufacturing | | | | |
| | All companies | 151 | 5 281 585 | 100.0 | X |
| | 4 largest companies | X | X | 42.3 | X |
| | 8 largest companies | X | X | 59.0 | X |
| | 20 largest companies | X | X | 78.4 | X |
| | 50 largest companies | X | X | 94.4 | 645.5 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 311 | Food manufacturing—Con. | | | | |
| 3115 | Dairy product manufacturing | | | | |
| | All companies | 1 170 | 66 211 933 | 100.0 | X |
| | 4 largest companies | X | X | 24.9 | X |
| | 8 largest companies | X | X | 36.1 | X |
| | 20 largest companies | X | X | 55.2 | X |
| | 50 largest companies | X | X | 74.6 | 298.4 |
| 31151 | Dairy product (except frozen) manufacturing | | | | |
| | All companies | 825 | 58 005 956 | 100.0 | X |
| | 4 largest companies | X | X | 27.2 | X |
| | 8 largest companies | X | X | 39.2 | X |
| | 20 largest companies | X | X | 58.0 | X |
| | 50 largest companies | X | X | 76.2 | 333.3 |
| 311511 | Fluid milk manufacturing | | | | |
| | All companies | 315 | 24 888 743 | 100.0 | X |
| | 4 largest companies | X | X | 42.6 | X |
| | 8 largest companies | X | X | 53.6 | X |
| | 20 largest companies | X | X | 69.2 | X |
| | 50 largest companies | X | X | 83.7 | 1 060.4 |
| 311512 | Creamery butter manufacturing | | | | |
| | All companies | 33 | 1 604 947 | 100.0 | X |
| | 4 largest companies | X | X | 57.5 | X |
| | 8 largest companies | X | X | 80.4 | X |
| | 20 largest companies | X | X | 98.9 | X |
| | 50 largest companies | X | X | 100.0 | 1 046.1 |
| 311513 | Cheese manufacturing | | | | |
| | All companies | 366 | 22 042 079 | 100.0 | X |
| | 4 largest companies | X | X | 34.6 | X |
| | 8 largest companies | X | X | 50.1 | X |
| | 20 largest companies | X | X | 72.8 | X |
| | 50 largest companies | X | X | 88.0 | 441.6 |
| 311514 | Dry, condensed, and evaporated dairy product manufacturing | | | | |
| | All companies | 158 | 9 470 187 | 100.0 | X |
| | 4 largest companies | X | X | 47.4 | X |
| | 8 largest companies | X | X | 61.4 | X |
| | 20 largest companies | X | X | 81.6 | X |
| | 50 largest companies | X | X | 95.5 | 767.3 |
| 31152 | Ice cream and frozen dessert manufacturing | | | | |
| | All companies | 364 | 8 205 977 | 100.0 | X |
| | 4 largest companies | X | X | 48.0 | X |
| | 8 largest companies | X | X | 64.4 | X |
| | 20 largest companies | X | X | 82.3 | X |
| | 50 largest companies | X | X | 93.1 | 735.8 |
| 311520 | Ice cream and frozen dessert manufacturing | | | | |
| | All companies | 364 | 8 205 977 | 100.0 | X |
| | 4 largest companies | X | X | 48.0 | X |
| | 8 largest companies | X | X | 64.4 | X |
| | 20 largest companies | X | X | 82.3 | X |
| | 50 largest companies | X | X | 93.1 | 735.8 |
| 3116 | Animal slaughtering and processing | | | | |
| | All companies | 3 335 | 122 958 689 | 100.0 | X |
| | 4 largest companies | X | X | 42.1 | X |
| | 8 largest companies | X | X | 54.6 | X |
| | 20 largest companies | X | X | 65.8 | X |
| | 50 largest companies | X | X | 75.1 | 619.5 |
| 31161 | Animal slaughtering and processing | | | | |
| | All companies | 3 335 | 122 958 689 | 100.0 | X |
| | 4 largest companies | X | X | 42.1 | X |
| | 8 largest companies | X | X | 54.6 | X |
| | 20 largest companies | X | X | 65.8 | X |
| | 50 largest companies | X | X | 75.1 | 619.5 |
| 311611 | Animal (except poultry) slaughtering | | | | |
| | All companies | 1 777 | 57 291 725 | 100.0 | X |
| | 4 largest companies | X | X | 58.7 | X |
| | 8 largest companies | X | X | 73.9 | X |
| | 20 largest companies | X | X | 83.1 | X |
| | 50 largest companies | X | X | 90.0 | 1 053.7 |
| 311612 | Meat processed from carcasses | | | | |
| | All companies | 1 194 | 25 690 297 | 100.0 | X |
| | 4 largest companies | X | X | 24.2 | X |
| | 8 largest companies | X | X | 33.3 | X |
| | 20 largest companies | X | X | 47.6 | X |
| | 50 largest companies | X | X | 64.0 | 239.1 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 311 | Food manufacturing—Con. | | | | |
| 3116 | Animal slaughtering and processing—Con. | | | | |
| 31161 | Animal slaughtering and processing—Con. | | | | |
| 311613 | Rendering and meat byproduct processing | | | | |
| | All companies | 122 | 2 157 193 | 100.0 | X |
| | 4 largest companies | X | X | 34.1 | X |
| | 8 largest companies | X | X | 50.7 | X |
| | 20 largest companies | X | X | 77.7 | X |
| | 50 largest companies | X | X | 94.7 | 458.1 |
| 311615 | Poultry processing | | | | |
| | All companies | 310 | 37 819 474 | 100.0 | X |
| | 4 largest companies | X | X | 46.3 | X |
| | 8 largest companies | X | X | 59.9 | X |
| | 20 largest companies | X | X | 77.5 | X |
| | 50 largest companies | X | X | 92.3 | 773.3 |
| 3117 | Seafood product preparation and packaging | | | | |
| | All companies | 648 | 8 797 171 | 100.0 | X |
| | 4 largest companies | X | X | 20.5 | X |
| | 8 largest companies | X | X | 28.7 | X |
| | 20 largest companies | X | X | 46.0 | X |
| | 50 largest companies | X | X | 68.1 | 173.5 |
| 31171 | Seafood product preparation and packaging | | | | |
| | All companies | 648 | 8 797 171 | 100.0 | X |
| | 4 largest companies | X | X | 20.5 | X |
| | 8 largest companies | X | X | 28.7 | X |
| | 20 largest companies | X | X | 46.0 | X |
| | 50 largest companies | X | X | 68.1 | 173.5 |
| 311711 | Seafood canning | | | | |
| | All companies | 128 | 1 245 674 | 100.0 | X |
| | 4 largest companies | X | X | 45.5 | X |
| | 8 largest companies | X | X | 60.2 | X |
| | 20 largest companies | X | X | 83.8 | X |
| | 50 largest companies | X | X | 95.4 | 695.2 |
| 311712 | Fresh and frozen seafood processing | | | | |
| | All companies | 529 | 7 551 497 | 100.0 | X |
| | 4 largest companies | X | X | 20.4 | X |
| | 8 largest companies | X | X | 29.8 | X |
| | 20 largest companies | X | X | 48.8 | X |
| | 50 largest companies | X | X | 70.3 | 180.1 |
| 3118 | Bakeries and tortilla manufacturing | | | | |
| | All companies | 10 413 | 49 062 387 | 100.0 | X |
| | 4 largest companies | X | X | 27.7 | X |
| | 8 largest companies | X | X | 44.2 | X |
| | 20 largest companies | X | X | 58.1 | X |
| | 50 largest companies | X | X | 69.1 | 302.2 |
| 31181 | Bread and bakery product manufacturing | | | | |
| | All companies | 9 515 | 30 943 119 | 100.0 | X |
| | 4 largest companies | X | X | 38.9 | X |
| | 8 largest companies | X | X | 50.4 | X |
| | 20 largest companies | X | X | 59.6 | X |
| | 50 largest companies | X | X | 68.5 | 494.2 |
| 311811 | Retail bakeries | | | | |
| | All companies | 7 079 | 2 798 305 | 100.0 | X |
| | 4 largest companies | X | X | 3.7 | X |
| | 8 largest companies | X | X | 6.0 | X |
| | 20 largest companies | X | X | 10.1 | X |
| | 50 largest companies | X | X | 15.1 | 7.2 |
| 311812 | Commercial bakeries | | | | |
| | All companies | 2 259 | 23 975 997 | 100.0 | X |
| | 4 largest companies | X | X | 46.1 | X |
| | 8 largest companies | X | X | 60.3 | X |
| | 20 largest companies | X | X | 69.9 | X |
| | 50 largest companies | X | X | 79.1 | 739.2 |
| 311813 | Frozen cakes, pies, and other pastries manufacturing | | | | |
| | All companies | 227 | 4 168 817 | 100.0 | X |
| | 4 largest companies | X | X | 30.2 | X |
| | 8 largest companies | X | X | 43.7 | X |
| | 20 largest companies | X | X | 67.0 | X |
| | 50 largest companies | X | X | 86.5 | 344.7 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 311 | Food manufacturing—Con. | | | | |
| 3118 | Bakeries and tortilla manufacturing—Con. | | | | |
| 31182 | Cookie, cracker, and pasta manufacturing | | | | |
| | All companies | 655 | 16 587 001 | 100.0 | X |
| | 4 largest companies | X | X | 47.4 | X |
| | 8 largest companies | X | X | 58.5 | X |
| | 20 largest companies | X | X | 75.9 | X |
| | 50 largest companies | X | X | 88.6 | 751.7 |
| 311821 | Cookie and cracker manufacturing | | | | |
| | All companies | 296 | 10 431 801 | 100.0 | X |
| | 4 largest companies | X | X | 66.6 | X |
| | 8 largest companies | X | X | 78.6 | X |
| | 20 largest companies | X | X | 90.6 | X |
| | 50 largest companies | X | X | 96.4 | 1 629.0 |
| 311822 | Flour mixes and dough manufacturing from purchased flour | | | | |
| | All companies | 183 | 4 660 173 | 100.0 | X |
| | 4 largest companies | X | X | 47.3 | X |
| | 8 largest companies | X | X | 60.0 | X |
| | 20 largest companies | X | X | 79.9 | X |
| | 50 largest companies | X | X | 93.0 | 1 095.7 |
| 311823 | Dry pasta manufacturing | | | | |
| | All companies | 185 | 1 495 027 | 100.0 | X |
| | 4 largest companies | X | X | 64.5 | X |
| | 8 largest companies | X | X | 80.2 | X |
| | 20 largest companies | X | X | 87.7 | X |
| | 50 largest companies | X | X | 94.6 | 1 386.8 |
| 31183 | Tortilla manufacturing | | | | |
| | All companies | 272 | 1 532 267 | 100.0 | X |
| | 4 largest companies | X | X | 56.1 | X |
| | 8 largest companies | X | X | 62.6 | X |
| | 20 largest companies | X | X | 73.4 | X |
| | 50 largest companies | X | X | 87.9 | 2 031.4 |
| 311830 | Tortilla manufacturing | | | | |
| | All companies | 272 | 1 532 267 | 100.0 | X |
| | 4 largest companies | X | X | 56.1 | X |
| | 8 largest companies | X | X | 62.6 | X |
| | 20 largest companies | X | X | 73.4 | X |
| | 50 largest companies | X | X | 87.9 | 2 031.4 |
| 3119 | Other food manufacturing | | | | |
| | All companies | 3 412 | 56 874 385 | 100.0 | X |
| | 4 largest companies | X | X | 33.9 | X |
| | 8 largest companies | X | X | 42.8 | X |
| | 20 largest companies | X | X | 51.6 | X |
| | 50 largest companies | X | X | 62.5 | 386.7 |
| 31191 | Snack food manufacturing | | | | |
| | All companies | 411 | 17 047 428 | 100.0 | X |
| | 4 largest companies | X | X | 56.2 | X |
| | 8 largest companies | X | X | 64.7 | X |
| | 20 largest companies | X | X | 78.4 | X |
| | 50 largest companies | X | X | 89.6 | 1 980.2 |
| 311911 | Roasted nuts and peanut butter manufacturing | | | | |
| | All companies | 145 | 4 812 383 | 100.0 | X |
| | 4 largest companies | X | X | 33.5 | X |
| | 8 largest companies | X | X | 54.4 | X |
| | 20 largest companies | X | X | 79.6 | X |
| | 50 largest companies | X | X | 94.5 | 481.3 |
| 311919 | Other snack food manufacturing | | | | |
| | All companies | 267 | 12 235 045 | 100.0 | X |
| | 4 largest companies | X | X | 74.8 | X |
| | 8 largest companies | X | X | 81.7 | X |
| | 20 largest companies | X | X | 89.5 | X |
| | 50 largest companies | X | X | 95.5 | D |
| 31192 | Coffee and tea manufacturing | | | | |
| | All companies | 258 | 5 542 276 | 100.0 | X |
| | 4 largest companies | X | X | 51.2 | X |
| | 8 largest companies | X | X | 63.2 | X |
| | 20 largest companies | X | X | 81.6 | X |
| | 50 largest companies | X | X | 93.0 | 840.1 |
| 311920 | Coffee and tea manufacturing | | | | |
| | All companies | 258 | 5 542 276 | 100.0 | X |
| | 4 largest companies | X | X | 51.2 | X |
| | 8 largest companies | X | X | 63.2 | X |
| | 20 largest companies | X | X | 81.6 | X |
| | 50 largest companies | X | X | 93.0 | 840.1 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 311 | Food manufacturing—Con. | | | | |
| 3119 | Other food manufacturing—Con. | | | | |
| 31193 | Flavoring syrup and concentrate manufacturing | | | | |
| | All companies | 144 | 8 153 955 | 100.0 | X |
| | 4 largest companies | X | X | D | X |
| | 8 largest companies | X | X | 89.0 | X |
| | 20 largest companies | X | X | 93.1 | X |
| | 50 largest companies | X | X | 97.2 | D |
| 311930 | Flavoring syrup and concentrate manufacturing | | | | |
| | All companies | 144 | 8 153 955 | 100.0 | X |
| | 4 largest companies | X | X | D | X |
| | 8 largest companies | X | X | 89.0 | X |
| | 20 largest companies | X | X | 93.1 | X |
| | 50 largest companies | X | X | 97.2 | D |
| 31194 | Seasoning and dressing manufacturing | | | | |
| | All companies | 531 | 11 301 659 | 100.0 | X |
| | 4 largest companies | X | X | 25.3 | X |
| | 8 largest companies | X | X | 36.5 | X |
| | 20 largest companies | X | X | 54.0 | X |
| | 50 largest companies | X | X | 72.6 | 263.4 |
| 311941 | Mayonnaise, dressing, and other prepared sauce manufacturing | | | | |
| | All companies | 261 | 5 662 985 | 100.0 | X |
| | 4 largest companies | X | X | 38.5 | X |
| | 8 largest companies | X | X | 54.7 | X |
| | 20 largest companies | X | X | 73.4 | X |
| | 50 largest companies | X | X | 87.8 | 611.1 |
| 311942 | Spice and extract manufacturing | | | | |
| | All companies | 276 | 5 638 674 | 100.0 | X |
| | 4 largest companies | X | X | 28.7 | X |
| | 8 largest companies | X | X | 38.8 | X |
| | 20 largest companies | X | X | 58.0 | X |
| | 50 largest companies | X | X | 80.2 | 369.0 |
| 31199 | All other food manufacturing | | | | |
| | All companies | 2 121 | 14 829 067 | 100.0 | X |
| | 4 largest companies | X | X | 19.8 | X |
| | 8 largest companies | X | X | 26.7 | X |
| | 20 largest companies | X | X | 39.1 | X |
| | 50 largest companies | X | X | 54.0 | 138.4 |
| 311991 | Perishable prepared food manufacturing | | | | |
| | All companies | 567 | 5 470 274 | 100.0 | X |
| | 4 largest companies | X | X | 23.6 | X |
| | 8 largest companies | X | X | 35.1 | X |
| | 20 largest companies | X | X | 52.0 | X |
| | 50 largest companies | X | X | 70.6 | 225.9 |
| 311999 | All other miscellaneous food manufacturing | | | | |
| | All companies | 1 561 | 9 358 793 | 100.0 | X |
| | 4 largest companies | X | X | 24.5 | X |
| | 8 largest companies | X | X | 32.2 | X |
| | 20 largest companies | X | X | 45.6 | X |
| | 50 largest companies | X | X | 62.6 | 221.3 |
| 312 | Beverage and tobacco product manufacturing | | | | |
| | All companies | 2 534 | 105 456 615 | 100.0 | X |
| | 4 largest companies | X | X | 42.6 | X |
| | 8 largest companies | X | X | 58.3 | X |
| | 20 largest companies | X | X | 74.5 | X |
| | 50 largest companies | X | X | 85.5 | 709.5 |
| 3121 | Beverage manufacturing | | | | |
| | All companies | 2 445 | 65 843 207 | 100.0 | X |
| | 4 largest companies | X | X | 39.5 | X |
| | 8 largest companies | X | X | 53.2 | X |
| | 20 largest companies | X | X | 69.2 | X |
| | 50 largest companies | X | X | 81.7 | 511.8 |
| 31211 | Soft drink and ice manufacturing | | | | |
| | All companies | 916 | 34 508 693 | 100.0 | X |
| | 4 largest companies | X | X | 48.2 | X |
| | 8 largest companies | X | X | 59.0 | X |
| | 20 largest companies | X | X | 74.4 | X |
| | 50 largest companies | X | X | 86.7 | 780.2 |
| 312111 | Soft drink manufacturing | | | | |
| | All companies | 294 | 32 081 757 | 100.0 | X |
| | 4 largest companies | X | X | 51.9 | X |
| | 8 largest companies | X | X | 63.4 | X |
| | 20 largest companies | X | X | 78.2 | X |
| | 50 largest companies | X | X | 90.1 | 895.7 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 312 | Beverage and tobacco product manufacturing—Con. | | | | |
| 3121 | Beverage manufacturing—Con. | | | | |
| 31211 | Soft drink and ice manufacturing—Con. | | | | |
| 312112 | Bottled water manufacturing | | | | |
| | All companies | 201 | 1 828 078 | 100.0 | X |
| | 4 largest companies | X | X | 62.6 | X |
| | 8 largest companies | X | X | 76.7 | X |
| | 20 largest companies | X | X | 87.0 | X |
| | 50 largest companies | X | X | 95.5 | 1 409.2 |
| 312113 | Ice manufacturing | | | | |
| | All companies | 425 | 598 858 | 100.0 | X |
| | 4 largest companies | X | X | 42.9 | X |
| | 8 largest companies | X | X | 50.6 | X |
| | 20 largest companies | X | X | 60.7 | X |
| | 50 largest companies | X | X | 73.1 | 763.1 |
| 31212 | Breweries | | | | |
| | All companies | 349 | 17 864 107 | 100.0 | X |
| | 4 largest companies | X | X | 90.8 | X |
| | 8 largest companies | X | X | 93.8 | X |
| | 20 largest companies | X | X | 96.4 | X |
| | 50 largest companies | X | X | 98.1 | D |
| 312120 | Breweries | | | | |
| | All companies | 349 | 17 864 107 | 100.0 | X |
| | 4 largest companies | X | X | 90.8 | X |
| | 8 largest companies | X | X | 93.8 | X |
| | 20 largest companies | X | X | 96.4 | X |
| | 50 largest companies | X | X | 98.1 | D |
| 31213 | Wineries | | | | |
| | All companies | 1 127 | 9 413 154 | 100.0 | X |
| | 4 largest companies | X | X | 46.5 | X |
| | 8 largest companies | X | X | 60.8 | X |
| | 20 largest companies | X | X | 73.2 | X |
| | 50 largest companies | X | X | 81.1 | 887.6 |
| 312130 | Wineries | | | | |
| | All companies | 1 127 | 9 413 154 | 100.0 | X |
| | 4 largest companies | X | X | 46.5 | X |
| | 8 largest companies | X | X | 60.8 | X |
| | 20 largest companies | X | X | 73.2 | X |
| | 50 largest companies | X | X | 81.1 | 887.6 |
| 31214 | Distilleries | | | | |
| | All companies | 67 | 4 057 253 | 100.0 | X |
| | 4 largest companies | X | X | 70.5 | X |
| | 8 largest companies | X | X | 85.0 | X |
| | 20 largest companies | X | X | 97.3 | X |
| | 50 largest companies | X | X | 99.9 | 1 609.4 |
| 312140 | Distilleries | | | | |
| | All companies | 67 | 4 057 253 | 100.0 | X |
| | 4 largest companies | X | X | 70.5 | X |
| | 8 largest companies | X | X | 85.0 | X |
| | 20 largest companies | X | X | 97.3 | X |
| | 50 largest companies | X | X | 99.9 | 1 609.4 |
| 3122 | Tobacco manufacturing | | | | |
| | All companies | 91 | 39 613 408 | 100.0 | X |
| | 4 largest companies | X | X | 86.7 | X |
| | 8 largest companies | X | X | 93.2 | X |
| | 20 largest companies | X | X | 98.8 | X |
| | 50 largest companies | X | X | 99.9 | D |
| 31221 | Tobacco stemming and redrying | | | | |
| | All companies | 13 | 1 077 004 | 100.0 | X |
| | 4 largest companies | X | X | 84.6 | X |
| | 8 largest companies | X | X | 98.2 | X |
| | 20 largest companies | X | X | 100.0 | 2 111.9 |
| | 50 largest companies | X | X | — | — |
| 312210 | Tobacco stemming and redrying | | | | |
| | All companies | 13 | 1 077 004 | 100.0 | X |
| | 4 largest companies | X | X | 84.6 | X |
| | 8 largest companies | X | X | 98.2 | X |
| | 20 largest companies | X | X | 100.0 | 2 111.9 |
| | 50 largest companies | X | X | — | — |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 312 | Beverage and tobacco product manufacturing—Con. | | | | |
| 3122 | Tobacco manufacturing—Con. | | | | |
| 31222 | Tobacco product manufacturing | | | | |
| | All companies | 84 | 38 536 404 | 100.0 | X |
| | 4 largest companies | X | X | 88.3 | X |
| | 8 largest companies | X | X | 94.9 | X |
| | 20 largest companies | X | X | 99.5 | X |
| | 50 largest companies | X | X | 99.9 | D |
| 312221 | Cigarette manufacturing | | | | |
| | All companies | 15 | 34 799 732 | 100.0 | X |
| | 4 largest companies | X | X | 95.3 | X |
| | 8 largest companies | X | X | 99.4 | X |
| | 20 largest companies | X | X | 100.0 | D |
| | 50 largest companies | X | X | — | — |
| 312229 | Other tobacco product manufacturing | | | | |
| | All companies | 70 | 3 736 672 | 100.0 | X |
| | 4 largest companies | X | X | 71.9 | X |
| | 8 largest companies | X | X | 90.2 | X |
| | 20 largest companies | X | X | 98.9 | X |
| | 50 largest companies | X | X | 99.9 | 2 473.1 |
| 313 | Textile mills | | | | |
| | All companies | 3 279 | 45 497 392 | 100.0 | X |
| | 4 largest companies | X | X | 13.9 | X |
| | 8 largest companies | X | X | 23.1 | X |
| | 20 largest companies | X | X | 39.6 | X |
| | 50 largest companies | X | X | 56.8 | 105.6 |
| 3131 | Fiber, yarn, and thread mills | | | | |
| | All companies | 384 | 10 629 613 | 100.0 | X |
| | 4 largest companies | X | X | 38.0 | X |
| | 8 largest companies | X | X | 51.2 | X |
| | 20 largest companies | X | X | 73.2 | X |
| | 50 largest companies | X | X | 88.0 | 526.4 |
| 31311 | Fiber, yarn, and thread mills | | | | |
| | All companies | 384 | 10 629 613 | 100.0 | X |
| | 4 largest companies | X | X | 38.0 | X |
| | 8 largest companies | X | X | 51.2 | X |
| | 20 largest companies | X | X | 73.2 | X |
| | 50 largest companies | X | X | 88.0 | 526.4 |
| 313111 | Yarn spinning mills | | | | |
| | All companies | 216 | 6 007 024 | 100.0 | X |
| | 4 largest companies | X | X | 34.5 | X |
| | 8 largest companies | X | X | 51.1 | X |
| | 20 largest companies | X | X | 74.8 | X |
| | 50 largest companies | X | X | 92.6 | 455.2 |
| 313112 | Yarn texturizing, throwing, and twisting mills | | | | |
| | All companies | 100 | 4 328 830 | 100.0 | X |
| | 4 largest companies | X | X | 58.4 | X |
| | 8 largest companies | X | X | 75.5 | X |
| | 20 largest companies | X | X | 89.4 | X |
| | 50 largest companies | X | X | 98.2 | 1 259.1 |
| 313113 | Thread mills | | | | |
| | All companies | 83 | 293 759 | 100.0 | X |
| | 4 largest companies | X | X | 64.4 | X |
| | 8 largest companies | X | X | 77.2 | X |
| | 20 largest companies | X | X | 91.9 | X |
| | 50 largest companies | X | X | 98.7 | 2 487.6 |
| 3132 | Fabric mills | | | | |
| | All companies | 1 511 | 22 475 928 | 100.0 | X |
| | 4 largest companies | X | X | 17.2 | X |
| | 8 largest companies | X | X | 25.8 | X |
| | 20 largest companies | X | X | 44.2 | X |
| | 50 largest companies | X | X | 63.2 | 154.8 |
| 31321 | Broadwoven fabric mills | | | | |
| | All companies | 643 | 11 408 319 | 100.0 | X |
| | 4 largest companies | X | X | 19.5 | X |
| | 8 largest companies | X | X | 33.2 | X |
| | 20 largest companies | X | X | 58.0 | X |
| | 50 largest companies | X | X | 79.7 | 223.4 |
| 313210 | Broadwoven fabric mills | | | | |
| | All companies | 643 | 11 408 319 | 100.0 | X |
| | 4 largest companies | X | X | 19.5 | X |
| | 8 largest companies | X | X | 33.2 | X |
| | 20 largest companies | X | X | 58.0 | X |
| | 50 largest companies | X | X | 79.7 | 223.4 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 313 | Textile mills—Con. | | | | |
| 3132 | Fabric mills—Con. | | | | |
| 31322 | Narrow fabric mills and schiffli machine embroidery | | | | |
| | All companies | 343 | 1 396 950 | 100.0 | X |
| | 4 largest companies | X | X | 23.6 | X |
| | 8 largest companies | X | X | 38.3 | X |
| | 20 largest companies | X | X | 60.4 | X |
| | 50 largest companies | X | X | 82.1 | 258.4 |
| 313221 | Narrow fabric mills | | | | |
| | All companies | 208 | 1 247 929 | 100.0 | X |
| | 4 largest companies | X | X | 26.4 | X |
| | 8 largest companies | X | X | 42.9 | X |
| | 20 largest companies | X | X | 67.5 | X |
| | 50 largest companies | X | X | 88.5 | 318.8 |
| 313222 | Schiffli machine embroidery | | | | |
| | All companies | 135 | 149 021 | 100.0 | X |
| | 4 largest companies | X | X | 35.6 | X |
| | 8 largest companies | X | X | 54.5 | X |
| | 20 largest companies | X | X | 76.0 | X |
| | 50 largest companies | X | X | 91.3 | 484.5 |
| 31323 | Nonwoven fabric mills | | | | |
| | All companies | 218 | 5 921 838 | 100.0 | X |
| | 4 largest companies | X | X | 50.8 | X |
| | 8 largest companies | X | X | 62.9 | X |
| | 20 largest companies | X | X | 75.3 | X |
| | 50 largest companies | X | X | 89.5 | 1 147.3 |
| 313230 | Nonwoven fabric mills | | | | |
| | All companies | 218 | 5 921 838 | 100.0 | X |
| | 4 largest companies | X | X | 50.8 | X |
| | 8 largest companies | X | X | 62.9 | X |
| | 20 largest companies | X | X | 75.3 | X |
| | 50 largest companies | X | X | 89.5 | 1 147.3 |
| 31324 | Knit fabric mills | | | | |
| | All companies | 330 | 3 748 821 | 100.0 | X |
| | 4 largest companies | X | X | 35.1 | X |
| | 8 largest companies | X | X | 45.5 | X |
| | 20 largest companies | X | X | 62.4 | X |
| | 50 largest companies | X | X | 80.7 | 441.9 |
| 313241 | Weft knit fabric mills | | | | |
| | All companies | 166 | 2 150 760 | 100.0 | X |
| | 4 largest companies | X | X | 54.1 | X |
| | 8 largest companies | X | X | 66.7 | X |
| | 20 largest companies | X | X | 81.0 | X |
| | 50 largest companies | X | X | 92.4 | 1 112.1 |
| 313249 | Other knit fabric and lace mills | | | | |
| | All companies | 168 | 1 598 061 | 100.0 | X |
| | 4 largest companies | X | X | 30.6 | X |
| | 8 largest companies | X | X | 43.6 | X |
| | 20 largest companies | X | X | 68.0 | X |
| | 50 largest companies | X | X | 87.8 | 371.8 |
| 3133 | Textile and fabric finishing and fabric coating mills | | | | |
| | All companies | 1 494 | 12 391 851 | 100.0 | X |
| | 4 largest companies | X | X | 16.5 | X |
| | 8 largest companies | X | X | 26.5 | X |
| | 20 largest companies | X | X | 39.8 | X |
| | 50 largest companies | X | X | 56.0 | 124.8 |
| 31331 | Textile and fabric finishing mills | | | | |
| | All companies | 1 293 | 10 439 536 | 100.0 | X |
| | 4 largest companies | X | X | 19.5 | X |
| | 8 largest companies | X | X | 30.7 | X |
| | 20 largest companies | X | X | 46.0 | X |
| | 50 largest companies | X | X | 62.3 | 166.7 |
| 313311 | Broadwoven fabric finishing mills | | | | |
| | All companies | 951 | 6 829 131 | 100.0 | X |
| | 4 largest companies | X | X | 28.9 | X |
| | 8 largest companies | X | X | 40.8 | X |
| | 20 largest companies | X | X | 55.2 | X |
| | 50 largest companies | X | X | 70.2 | 298.4 |
| 313312 | Textile and fabric finishing (except broadwoven fabric) mills | | | | |
| | All companies | 350 | 3 610 405 | 100.0 | X |
| | 4 largest companies | X | X | 28.0 | X |
| | 8 largest companies | X | X | 43.0 | X |
| | 20 largest companies | X | X | 60.2 | X |
| | 50 largest companies | X | X | 79.8 | 317.5 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 313 | Textile mills—Con. | | | | |
| 3133 | Textile and fabric finishing and fabric coating mills—Con. | | | | |
| 31332 | Fabric coating mills | | | | |
| | All companies | 207 | 1 952 315 | 100.0 | X |
| | 4 largest companies | X | X | 19.6 | X |
| | 8 largest companies | X | X | 33.4 | X |
| | 20 largest companies | X | X | 58.2 | X |
| | 50 largest companies | X | X | 80.4 | 218.9 |
| 313320 | Fabric coating mills | | | | |
| | All companies | 207 | 1 952 315 | 100.0 | X |
| | 4 largest companies | X | X | 19.6 | X |
| | 8 largest companies | X | X | 33.4 | X |
| | 20 largest companies | X | X | 58.2 | X |
| | 50 largest companies | X | X | 80.4 | 218.9 |
| 314 | Textile product mills | | | | |
| | All companies | 6 943 | 32 085 578 | 100.0 | X |
| | 4 largest companies | X | X | 35.0 | X |
| | 8 largest companies | X | X | 41.6 | X |
| | 20 largest companies | X | X | 52.4 | X |
| | 50 largest companies | X | X | 61.9 | 403.0 |
| 3141 | Textile furnishings mills | | | | |
| | All companies | 2 738 | 22 302 195 | 100.0 | X |
| | 4 largest companies | X | X | 49.4 | X |
| | 8 largest companies | X | X | 58.2 | X |
| | 20 largest companies | X | X | 70.4 | X |
| | 50 largest companies | X | X | 80.3 | 793.6 |
| 31411 | Carpet and rug mills | | | | |
| | All companies | 342 | 13 958 654 | 100.0 | X |
| | 4 largest companies | X | X | 65.0 | X |
| | 8 largest companies | X | X | 75.6 | X |
| | 20 largest companies | X | X | 88.1 | X |
| | 50 largest companies | X | X | 95.3 | 1 756.4 |
| 314110 | Carpet and rug mills | | | | |
| | All companies | 342 | 13 958 654 | 100.0 | X |
| | 4 largest companies | X | X | 65.0 | X |
| | 8 largest companies | X | X | 75.6 | X |
| | 20 largest companies | X | X | 88.1 | X |
| | 50 largest companies | X | X | 95.3 | 1 756.4 |
| 31412 | Curtain and linen mills | | | | |
| | All companies | 2 399 | 8 343 541 | 100.0 | X |
| | 4 largest companies | X | X | 41.0 | X |
| | 8 largest companies | X | X | 48.5 | X |
| | 20 largest companies | X | X | 59.2 | X |
| | 50 largest companies | X | X | 71.4 | 618.4 |
| 314121 | Curtain and drapery mills | | | | |
| | All companies | 1 778 | 1 457 473 | 100.0 | X |
| | 4 largest companies | X | X | 16.1 | X |
| | 8 largest companies | X | X | 24.5 | X |
| | 20 largest companies | X | X | 39.1 | X |
| | 50 largest companies | X | X | 52.4 | 111.0 |
| 314129 | Other household textile product mills | | | | |
| | All companies | 629 | 6 886 068 | 100.0 | X |
| | 4 largest companies | X | X | 49.7 | X |
| | 8 largest companies | X | X | 58.7 | X |
| | 20 largest companies | X | X | 70.2 | X |
| | 50 largest companies | X | X | 82.6 | 902.3 |
| 3149 | Other textile product mills | | | | |
| | All companies | 4 219 | 9 783 383 | 100.0 | X |
| | 4 largest companies | X | X | 11.7 | X |
| | 8 largest companies | X | X | 18.3 | X |
| | 20 largest companies | X | X | 29.1 | X |
| | 50 largest companies | X | X | 41.8 | 62.3 |
| 31491 | Textile bag and canvas mills | | | | |
| | All companies | 1 824 | 2 512 021 | 100.0 | X |
| | 4 largest companies | X | X | 9.9 | X |
| | 8 largest companies | X | X | 16.8 | X |
| | 20 largest companies | X | X | 29.1 | X |
| | 50 largest companies | X | X | 44.5 | 58.5 |
| 314911 | Textile bag mills | | | | |
| | All companies | 280 | 655 866 | 100.0 | X |
| | 4 largest companies | X | X | 23.8 | X |
| | 8 largest companies | X | X | 34.9 | X |
| | 20 largest companies | X | X | 54.1 | X |
| | 50 largest companies | X | X | 76.2 | 263.2 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 314 | Textile product mills—Con. | | | | |
| 3149 | Other textile product mills—Con. | | | | |
| 31491 | Textile bag and canvas mills—Con. | | | | |
| 314912 | Canvas and related product mills | | | | |
| | All companies | 1 544 | 1 856 155 | 100.0 | X |
| | 4 largest companies | X | X | 12.4 | X |
| | 8 largest companies | X | X | 20.5 | X |
| | 20 largest companies | X | X | 34.2 | X |
| | 50 largest companies | X | X | 49.4 | 80.0 |
| 31499 | All other textile product mills | | | | |
| | All companies | 2 400 | 7 271 362 | 100.0 | X |
| | 4 largest companies | X | X | 15.7 | X |
| | 8 largest companies | X | X | 24.6 | X |
| | 20 largest companies | X | X | 38.9 | X |
| | 50 largest companies | X | X | 53.5 | 109.6 |
| 314991 | Rope, cordage, and twine mills | | | | |
| | All companies | 157 | 716 103 | 100.0 | X |
| | 4 largest companies | X | X | 42.8 | X |
| | 8 largest companies | X | X | 55.2 | X |
| | 20 largest companies | X | X | 72.7 | X |
| | 50 largest companies | X | X | 89.4 | 613.7 |
| 314992 | Tire cord and tire fabric mills | | | | |
| | All companies | 18 | 1 166 858 | 100.0 | X |
| | 4 largest companies | X | X | 79.7 | X |
| | 8 largest companies | X | X | 95.6 | X |
| | 20 largest companies | X | X | 100.0 | 1 939.9 |
| | 50 largest companies | X | X | — | — |
| 314999 | All other miscellaneous textile product mills | | | | |
| | All companies | 2 228 | 5 388 401 | 100.0 | X |
| | 4 largest companies | X | X | 15.6 | X |
| | 8 largest companies | X | X | 24.0 | X |
| | 20 largest companies | X | X | 35.3 | X |
| | 50 largest companies | X | X | 50.7 | 101.1 |
| 315 | Apparel manufacturing | | | | |
| | All companies | 12 550 | 41 917 182 | 100.0 | X |
| | 4 largest companies | X | X | 17.3 | X |
| | 8 largest companies | X | X | 21.3 | X |
| | 20 largest companies | X | X | 28.7 | X |
| | 50 largest companies | X | X | 38.7 | 105.7 |
| 3151 | Apparel knitting mills | | | | |
| | All companies | 779 | 5 959 865 | 100.0 | X |
| | 4 largest companies | X | X | 26.3 | X |
| | 8 largest companies | X | X | 34.6 | X |
| | 20 largest companies | X | X | 48.8 | X |
| | 50 largest companies | X | X | 69.5 | 319.8 |
| 31511 | Hosiery and sock mills | | | | |
| | All companies | 366 | 3 509 872 | 100.0 | X |
| | 4 largest companies | X | X | 29.8 | X |
| | 8 largest companies | X | X | 39.9 | X |
| | 20 largest companies | X | X | 61.1 | X |
| | 50 largest companies | X | X | 81.8 | 325.6 |
| 315111 | Sheer hosiery mills | | | | |
| | All companies | 87 | 1 037 436 | 100.0 | X |
| | 4 largest companies | X | X | 53.5 | X |
| | 8 largest companies | X | X | 72.4 | X |
| | 20 largest companies | X | X | 91.1 | X |
| | 50 largest companies | X | X | 98.5 | 1 155.5 |
| 315119 | Other hosiery and sock mills | | | | |
| | All companies | 282 | 2 472 436 | 100.0 | X |
| | 4 largest companies | X | X | 26.3 | X |
| | 8 largest companies | X | X | 39.3 | X |
| | 20 largest companies | X | X | 66.1 | X |
| | 50 largest companies | X | X | 84.7 | 312.0 |
| 31519 | Other apparel knitting mills | | | | |
| | All companies | 415 | 2 449 993 | 100.0 | X |
| | 4 largest companies | X | X | 37.0 | X |
| | 8 largest companies | X | X | 46.8 | X |
| | 20 largest companies | X | X | 65.4 | X |
| | 50 largest companies | X | X | 82.2 | 582.9 |
| 315191 | Outerwear knitting mills | | | | |
| | All companies | 386 | 1 606 511 | 100.0 | X |
| | 4 largest companies | X | X | 24.0 | X |
| | 8 largest companies | X | X | 36.1 | X |
| | 20 largest companies | X | X | 58.1 | X |
| | 50 largest companies | X | X | 77.4 | 244.4 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 315 | Apparel manufacturing—Con. | | | | |
| 3151 | Apparel knitting mills—Con. | | | | |
| 31519 | Other apparel knitting mills—Con. | | | | |
| 315192 | Underwear and nightwear knitting mills | | | | |
| | All companies | 32 | 843 482 | 100.0 | X |
| | 4 largest companies | X | X | 83.5 | X |
| | 8 largest companies | X | X | 97.1 | X |
| | 20 largest companies | X | X | 99.8 | X |
| | 50 largest companies | X | X | 100.0 | 2 815.5 |
| 3152 | Cut and sew apparel manufacturing | | | | |
| | All companies | 10 440 | 33 075 950 | 100.0 | X |
| | 4 largest companies | X | X | 18.8 | X |
| | 8 largest companies | X | X | 23.8 | X |
| | 20 largest companies | X | X | 32.6 | X |
| | 50 largest companies | X | X | 43.9 | 142.2 |
| 31521 | Cut and sew apparel contractors | | | | |
| | All companies | 7 170 | 3 447 203 | 100.0 | X |
| | 4 largest companies | X | X | 5.3 | X |
| | 8 largest companies | X | X | 8.3 | X |
| | 20 largest companies | X | X | 13.9 | X |
| | 50 largest companies | X | X | 22.6 | 15.5 |
| 315211 | Men's and boys' cut and sew apparel contractors | | | | |
| | All companies | 967 | 804 095 | 100.0 | X |
| | 4 largest companies | X | X | 13.9 | X |
| | 8 largest companies | X | X | 20.5 | X |
| | 20 largest companies | X | X | 32.2 | X |
| | 50 largest companies | X | X | 47.8 | 91.2 |
| 315212 | Women's, girls', and infants' cut and sew apparel contractors | | | | |
| | All companies | 6 214 | 2 643 108 | 100.0 | X |
| | 4 largest companies | X | X | 5.9 | X |
| | 8 largest companies | X | X | 9.2 | X |
| | 20 largest companies | X | X | 14.8 | X |
| | 50 largest companies | X | X | 24.1 | 19.0 |
| 31522 | Men's and boys' cut and sew apparel manufacturing | | | | |
| | All companies | 792 | 11 293 680 | 100.0 | X |
| | 4 largest companies | X | X | 44.9 | X |
| | 8 largest companies | X | X | 52.2 | X |
| | 20 largest companies | X | X | 64.2 | X |
| | 50 largest companies | X | X | 77.2 | 776.5 |
| 315221 | Men's and boys' cut and sew underwear and nightwear manufacturing | | | | |
| | All companies | 26 | 260 667 | 100.0 | X |
| | 4 largest companies | X | X | 66.2 | X |
| | 8 largest companies | X | X | 80.1 | X |
| | 20 largest companies | X | X | 98.1 | X |
| | 50 largest companies | X | X | 100.0 | 1 531.0 |
| 315222 | Men's and boys' cut and sew suit, coat, and overcoat manufacturing | | | | |
| | All companies | 200 | 1 183 861 | 100.0 | X |
| | 4 largest companies | X | X | 48.8 | X |
| | 8 largest companies | X | X | 62.2 | X |
| | 20 largest companies | X | X | 80.1 | X |
| | 50 largest companies | X | X | 93.0 | 1 049.0 |
| 315223 | Men's and boys' cut and sew shirt (except work shirt) manufacturing | | | | |
| | All companies | 180 | 1 641 007 | 100.0 | X |
| | 4 largest companies | X | X | 37.5 | X |
| | 8 largest companies | X | X | 53.2 | X |
| | 20 largest companies | X | X | 72.7 | X |
| | 50 largest companies | X | X | 89.1 | 481.3 |
| 315224 | Men's and boys' cut and sew trouser, slack, and jean manufacturing | | | | |
| | All companies | 92 | 5 154 242 | 100.0 | X |
| | 4 largest companies | X | X | 80.4 | X |
| | 8 largest companies | X | X | 87.4 | X |
| | 20 largest companies | X | X | 93.6 | X |
| | 50 largest companies | X | X | 98.8 | 2 514.8 |
| 315225 | Men's and boys' cut and sew work clothing manufacturing | | | | |
| | All companies | 105 | 2 012 753 | 100.0 | X |
| | 4 largest companies | X | X | 55.0 | X |
| | 8 largest companies | X | X | 69.1 | X |
| | 20 largest companies | X | X | 87.0 | X |
| | 50 largest companies | X | X | 97.5 | 1 192.0 |
| 315228 | Men's and boys' cut and sew other outerwear manufacturing | | | | |
| | All companies | 216 | 1 041 150 | 100.0 | X |
| | 4 largest companies | X | X | 36.8 | X |
| | 8 largest companies | X | X | 49.4 | X |
| | 20 largest companies | X | X | 68.0 | X |
| | 50 largest companies | X | X | 86.3 | 453.2 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 315 | Apparel manufacturing—Con. | | | | |
| 3152 | Cut and sew apparel manufacturing—Con. | | | | |
| 31523 | Women's and girls' cut and sew apparel manufacturing | | | | |
| | All companies | 1 930 | 16 716 075 | 100.0 | X |
| | 4 largest companies | X | X | 13.2 | X |
| | 8 largest companies | X | X | 20.8 | X |
| | 20 largest companies | X | X | 33.4 | X |
| | 50 largest companies | X | X | 49.9 | 84.1 |
| 315231 | Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing | | | | |
| | All companies | 120 | 2 208 475 | 100.0 | X |
| | 4 largest companies | X | X | 54.8 | X |
| | 8 largest companies | X | X | 69.8 | X |
| | 20 largest companies | X | X | 85.9 | X |
| | 50 largest companies | X | X | 96.3 | 1 417.1 |
| 315232 | Women's and girls' cut and sew blouse and shirt manufacturing | | | | |
| | All companies | 352 | 4 241 523 | 100.0 | X |
| | 4 largest companies | X | X | 20.7 | X |
| | 8 largest companies | X | X | 33.1 | X |
| | 20 largest companies | X | X | 57.4 | X |
| | 50 largest companies | X | X | 81.4 | 225.2 |
| 315233 | Women's and girls' cut and sew dress manufacturing | | | | |
| | All companies | 525 | 3 626 775 | 100.0 | X |
| | 4 largest companies | X | X | 21.6 | X |
| | 8 largest companies | X | X | 31.9 | X |
| | 20 largest companies | X | X | 48.5 | X |
| | 50 largest companies | X | X | 69.6 | 185.5 |
| 315234 | Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing | | | | |
| | All companies | 186 | 1 326 152 | 100.0 | X |
| | 4 largest companies | X | X | 30.1 | X |
| | 8 largest companies | X | X | 47.5 | X |
| | 20 largest companies | X | X | 69.5 | X |
| | 50 largest companies | X | X | 88.2 | 370.9 |
| 315239 | Women's and girls' cut and sew other outerwear manufacturing | | | | |
| | All companies | 759 | 5 313 150 | 100.0 | X |
| | 4 largest companies | X | X | 28.9 | X |
| | 8 largest companies | X | X | 40.9 | X |
| | 20 largest companies | X | X | 57.2 | X |
| | 50 largest companies | X | X | 74.3 | 284.6 |
| 31529 | Other cut and sew apparel manufacturing | | | | |
| | All companies | 607 | 1 618 992 | 100.0 | X |
| | 4 largest companies | X | X | 22.9 | X |
| | 8 largest companies | X | X | 32.9 | X |
| | 20 largest companies | X | X | 46.6 | X |
| | 50 largest companies | X | X | 66.8 | 208.2 |
| 315291 | Infants' cut and sew apparel manufacturing | | | | |
| | All companies | 41 | 315 348 | 100.0 | X |
| | 4 largest companies | X | X | 67.2 | X |
| | 8 largest companies | X | X | 82.1 | X |
| | 20 largest companies | X | X | 94.6 | X |
| | 50 largest companies | X | X | 100.0 | 1 884.8 |
| 315292 | Fur and leather apparel manufacturing | | | | |
| | All companies | 153 | 190 636 | 100.0 | X |
| | 4 largest companies | X | X | 33.1 | X |
| | 8 largest companies | X | X | 49.3 | X |
| | 20 largest companies | X | X | 71.9 | X |
| | 50 largest companies | X | X | 89.1 | 451.8 |
| 315299 | All other cut and sew apparel manufacturing | | | | |
| | All companies | 413 | 1 113 008 | 100.0 | X |
| | 4 largest companies | X | X | 26.3 | X |
| | 8 largest companies | X | X | 35.8 | X |
| | 20 largest companies | X | X | 51.9 | X |
| | 50 largest companies | X | X | 74.1 | 284.0 |
| 3159 | Apparel accessories and other apparel manufacturing | | | | |
| | All companies | 1 362 | 2 881 367 | 100.0 | X |
| | 4 largest companies | X | X | 15.0 | X |
| | 8 largest companies | X | X | 25.1 | X |
| | 20 largest companies | X | X | 44.0 | X |
| | 50 largest companies | X | X | 61.0 | 127.4 |
| 31599 | Apparel accessories and other apparel manufacturing | | | | |
| | All companies | 1 362 | 2 881 367 | 100.0 | X |
| | 4 largest companies | X | X | 15.0 | X |
| | 8 largest companies | X | X | 25.1 | X |
| | 20 largest companies | X | X | 44.0 | X |
| | 50 largest companies | X | X | 61.0 | 127.4 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 315 | Apparel manufacturing—Con. | | | | |
| 3159 | Apparel accessories and other apparel manufacturing—Con. | | | | |
| 31599 | Apparel accessories and other apparel manufacturing—Con. | | | | |
| 315991 | Hat, cap, and millinery manufacturing | | | | |
| | All companies | 240 | 685 030 | 100.0 | X |
| | 4 largest companies | X | X | 39.8 | X |
| | 8 largest companies | X | X | 51.4 | X |
| | 20 largest companies | X | X | 66.7 | X |
| | 50 largest companies | X | X | 83.3 | 506.9 |
| 315992 | Glove and mitten manufacturing | | | | |
| | All companies | 74 | 293 668 | 100.0 | X |
| | 4 largest companies | X | X | 48.9 | X |
| | 8 largest companies | X | X | 61.5 | X |
| | 20 largest companies | X | X | 81.4 | X |
| | 50 largest companies | X | X | 97.3 | 1 047.6 |
| 315993 | Men's and boys' neckwear manufacturing | | | | |
| | All companies | 72 | 389 801 | 100.0 | X |
| | 4 largest companies | X | X | 60.8 | X |
| | 8 largest companies | X | X | 78.0 | X |
| | 20 largest companies | X | X | 90.9 | X |
| | 50 largest companies | X | X | 98.9 | 1 089.5 |
| 315999 | Other apparel accessories and other apparel manufacturing | | | | |
| | All companies | 979 | 1 512 868 | 100.0 | X |
| | 4 largest companies | X | X | 24.3 | X |
| | 8 largest companies | X | X | 37.6 | X |
| | 20 largest companies | X | X | 55.3 | X |
| | 50 largest companies | X | X | 70.0 | 257.0 |
| 316 | Leather and allied product manufacturing | | | | |
| | All companies | 1 459 | 5 906 231 | 100.0 | X |
| | 4 largest companies | X | X | 19.1 | X |
| | 8 largest companies | X | X | 29.3 | X |
| | 20 largest companies | X | X | 47.2 | X |
| | 50 largest companies | X | X | 64.8 | 163.6 |
| 3161 | Leather and hide tanning and finishing | | | | |
| | All companies | 246 | 1 910 582 | 100.0 | X |
| | 4 largest companies | X | X | 45.8 | X |
| | 8 largest companies | X | X | 61.8 | X |
| | 20 largest companies | X | X | 78.8 | X |
| | 50 largest companies | X | X | 93.1 | 782.1 |
| 31611 | Leather and hide tanning and finishing | | | | |
| | All companies | 246 | 1 910 582 | 100.0 | X |
| | 4 largest companies | X | X | 45.8 | X |
| | 8 largest companies | X | X | 61.8 | X |
| | 20 largest companies | X | X | 78.8 | X |
| | 50 largest companies | X | X | 93.1 | 782.1 |
| 316110 | Leather and hide tanning and finishing | | | | |
| | All companies | 246 | 1 910 582 | 100.0 | X |
| | 4 largest companies | X | X | 45.8 | X |
| | 8 largest companies | X | X | 61.8 | X |
| | 20 largest companies | X | X | 78.8 | X |
| | 50 largest companies | X | X | 93.1 | 782.1 |
| 3162 | Footwear manufacturing | | | | |
| | All companies | 320 | 2 302 650 | 100.0 | X |
| | 4 largest companies | X | X | 32.0 | X |
| | 8 largest companies | X | X | 49.4 | X |
| | 20 largest companies | X | X | 73.1 | X |
| | 50 largest companies | X | X | 90.5 | 408.9 |
| 31621 | Footwear manufacturing | | | | |
| | All companies | 320 | 2 302 650 | 100.0 | X |
| | 4 largest companies | X | X | 32.0 | X |
| | 8 largest companies | X | X | 49.4 | X |
| | 20 largest companies | X | X | 73.1 | X |
| | 50 largest companies | X | X | 90.5 | 408.9 |
| 316211 | Rubber and plastics footwear manufacturing | | | | |
| | All companies | 58 | 490 755 | 100.0 | X |
| | 4 largest companies | X | X | 70.7 | X |
| | 8 largest companies | X | X | 86.2 | X |
| | 20 largest companies | X | X | 96.6 | X |
| | 50 largest companies | X | X | 99.9 | 2 707.2 |
| 316212 | House slipper manufacturing | | | | |
| | All companies | 12 | 144 592 | 100.0 | X |
| | 4 largest companies | X | X | 96.8 | X |
| | 8 largest companies | X | X | 99.1 | X |
| | 20 largest companies | X | X | 100.0 | D |
| | 50 largest companies | X | X | — | — |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 316 | Leather and allied product manufacturing—Con. | | | | |
| 3162 | Footwear manufacturing—Con. | | | | |
| 31621 | Footwear manufacturing—Con. | | | | |
| 316213 | Men's footwear (except athletic) manufacturing | | | | |
| | All companies | 100 | 1 289 303 | 100.0 | X |
| | 4 largest companies | X | X | 44.5 | X |
| | 8 largest companies | X | X | 67.9 | X |
| | 20 largest companies | X | X | 92.3 | X |
| | 50 largest companies | X | X | 99.0 | 734.2 |
| 316214 | Women's footwear (except athletic) manufacturing | | | | |
| | All companies | 79 | 243 619 | 100.0 | X |
| | 4 largest companies | X | X | 64.2 | X |
| | 8 largest companies | X | X | 78.0 | X |
| | 20 largest companies | X | X | 92.1 | X |
| | 50 largest companies | X | X | 99.2 | 1 556.1 |
| 316219 | Other footwear manufacturing | | | | |
| | All companies | 75 | 134 381 | 100.0 | X |
| | 4 largest companies | X | X | 44.1 | X |
| | 8 largest companies | X | X | 66.0 | X |
| | 20 largest companies | X | X | 89.0 | X |
| | 50 largest companies | X | X | 98.5 | 703.4 |
| 3169 | Other leather and allied product manufacturing | | | | |
| | All companies | 898 | 1 692 999 | 100.0 | X |
| | 4 largest companies | X | X | 19.1 | X |
| | 8 largest companies | X | X | 28.8 | X |
| | 20 largest companies | X | X | 44.9 | X |
| | 50 largest companies | X | X | 61.7 | 162.5 |
| 31699 | Other leather and allied product manufacturing | | | | |
| | All companies | 898 | 1 692 999 | 100.0 | X |
| | 4 largest companies | X | X | 19.1 | X |
| | 8 largest companies | X | X | 28.8 | X |
| | 20 largest companies | X | X | 44.9 | X |
| | 50 largest companies | X | X | 61.7 | 162.5 |
| 316991 | Luggage manufacturing | | | | |
| | All companies | 226 | 526 278 | 100.0 | X |
| | 4 largest companies | X | X | 35.0 | X |
| | 8 largest companies | X | X | 45.2 | X |
| | 20 largest companies | X | X | 61.9 | X |
| | 50 largest companies | X | X | 80.5 | 477.7 |
| 316992 | Women's handbag and purse manufacturing | | | | |
| | All companies | 99 | 175 599 | 100.0 | X |
| | 4 largest companies | X | X | 67.1 | X |
| | 8 largest companies | X | X | 85.5 | X |
| | 20 largest companies | X | X | 93.2 | X |
| | 50 largest companies | X | X | 98.1 | 1 534.1 |
| 316993 | Personal leather goods (except women's handbag and purse) manufacturing | | | | |
| | All companies | 164 | 347 025 | 100.0 | X |
| | 4 largest companies | X | X | 54.8 | X |
| | 8 largest companies | X | X | 64.8 | X |
| | 20 largest companies | X | X | 77.8 | X |
| | 50 largest companies | X | X | 90.9 | 1 499.9 |
| 316999 | All other leather goods manufacturing | | | | |
| | All companies | 412 | 644 097 | 100.0 | X |
| | 4 largest companies | X | X | 27.5 | X |
| | 8 largest companies | X | X | 39.7 | X |
| | 20 largest companies | X | X | 57.1 | X |
| | 50 largest companies | X | X | 75.0 | 270.2 |
| 321 | Wood product manufacturing | | | | |
| | All companies | 15 347 | 89 049 605 | 100.0 | X |
| | 4 largest companies | X | X | 10.0 | X |
| | 8 largest companies | X | X | 15.4 | X |
| | 20 largest companies | X | X | 25.1 | X |
| | 50 largest companies | X | X | 35.4 | 48.4 |
| 3211 | Sawmills and wood preservation | | | | |
| | All companies | 3 858 | 25 928 957 | 100.0 | X |
| | 4 largest companies | X | X | 14.8 | X |
| | 8 largest companies | X | X | 21.2 | X |
| | 20 largest companies | X | X | 31.0 | X |
| | 50 largest companies | X | X | 42.4 | 90.0 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 321 | Wood product manufacturing—Con. | | | | |
| 3211 | Sawmills and wood preservation—Con. | | | | |
| 32111 | Sawmills and wood preservation | | | | |
| | All companies | 3 858 | 25 928 957 | 100.0 | X |
| | 4 largest companies | X | X | 14.8 | X |
| | 8 largest companies | X | X | 21.2 | X |
| | 20 largest companies | X | X | 31.0 | X |
| | 50 largest companies | X | X | 42.4 | 90.0 |
| 321113 | Sawmills | | | | |
| | All companies | 3 462 | 21 394 922 | 100.0 | X |
| | 4 largest companies | X | X | 17.5 | X |
| | 8 largest companies | X | X | 23.9 | X |
| | 20 largest companies | X | X | 33.9 | X |
| | 50 largest companies | X | X | 45.1 | 117.2 |
| 321114 | Wood preservation | | | | |
| | All companies | 414 | 4 534 035 | 100.0 | X |
| | 4 largest companies | X | X | 26.0 | X |
| | 8 largest companies | X | X | 35.4 | X |
| | 20 largest companies | X | X | 52.2 | X |
| | 50 largest companies | X | X | 74.6 | 303.5 |
| 3212 | Veneer, plywood, and engineered wood product manufacturing | | | | |
| | All companies | 1 524 | 20 195 136 | 100.0 | X |
| | 4 largest companies | X | X | 27.1 | X |
| | 8 largest companies | X | X | 38.6 | X |
| | 20 largest companies | X | X | 50.7 | X |
| | 50 largest companies | X | X | 61.9 | 257.5 |
| 32121 | Veneer, plywood, and engineered wood product manufacturing | | | | |
| | All companies | 1 524 | 20 195 136 | 100.0 | X |
| | 4 largest companies | X | X | 27.1 | X |
| | 8 largest companies | X | X | 38.6 | X |
| | 20 largest companies | X | X | 50.7 | X |
| | 50 largest companies | X | X | 61.9 | 257.5 |
| 321211 | Hardwood veneer and plywood manufacturing | | | | |
| | All companies | 304 | 3 082 173 | 100.0 | X |
| | 4 largest companies | X | X | 33.1 | X |
| | 8 largest companies | X | X | 44.8 | X |
| | 20 largest companies | X | X | 61.5 | X |
| | 50 largest companies | X | X | 77.4 | 468.2 |
| 321212 | Softwood veneer and plywood manufacturing | | | | |
| | All companies | 85 | 4 742 951 | 100.0 | X |
| | 4 largest companies | X | X | 57.3 | X |
| | 8 largest companies | X | X | 72.2 | X |
| | 20 largest companies | X | X | 88.6 | X |
| | 50 largest companies | X | X | 99.2 | 1 198.0 |
| 321213 | Engineered wood member (except truss) manufacturing | | | | |
| | All companies | 90 | 2 015 486 | 100.0 | X |
| | 4 largest companies | X | X | 66.6 | X |
| | 8 largest companies | X | X | 80.2 | X |
| | 20 largest companies | X | X | 90.3 | X |
| | 50 largest companies | X | X | 98.1 | 1 978.4 |
| 321214 | Truss manufacturing | | | | |
| | All companies | 899 | 4 525 693 | 100.0 | X |
| | 4 largest companies | X | X | 10.0 | X |
| | 8 largest companies | X | X | 14.6 | X |
| | 20 largest companies | X | X | 24.8 | X |
| | 50 largest companies | X | X | 40.9 | 49.5 |
| 321219 | Reconstituted wood product manufacturing | | | | |
| | All companies | 180 | 5 828 833 | 100.0 | X |
| | 4 largest companies | X | X | 35.2 | X |
| | 8 largest companies | X | X | 50.5 | X |
| | 20 largest companies | X | X | 73.1 | X |
| | 50 largest companies | X | X | 90.6 | 497.9 |
| 3219 | Other wood product manufacturing | | | | |
| | All companies | 10 133 | 42 925 512 | 100.0 | X |
| | 4 largest companies | X | X | 10.1 | X |
| | 8 largest companies | X | X | 16.4 | X |
| | 20 largest companies | X | X | 26.9 | X |
| | 50 largest companies | X | X | 37.0 | 50.0 |
| 32191 | Millwork | | | | |
| | All companies | 4 432 | 22 554 019 | 100.0 | X |
| | 4 largest companies | X | X | 17.3 | X |
| | 8 largest companies | X | X | 26.2 | X |
| | 20 largest companies | X | X | 36.1 | X |
| | 50 largest companies | X | X | 47.0 | 113.4 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 321 | Wood product manufacturing—Con. | | | | |
| 3219 | Other wood product manufacturing—Con. | | | | |
| 32191 | Millwork—Con. | | | | |
| 321911 | Wood window and door manufacturing | | | | |
| | All companies | 1 328 | 10 948 678 | 100.0 | X |
| | 4 largest companies | X | X | 34.9 | X |
| | 8 largest companies | X | X | 44.7 | X |
| | 20 largest companies | X | X | 57.4 | X |
| | 50 largest companies | X | X | 70.2 | 376.1 |
| 321912 | Cut stock, resawing lumber, and planing | | | | |
| | All companies | 1 129 | 5 736 643 | 100.0 | X |
| | 4 largest companies | X | X | 16.8 | X |
| | 8 largest companies | X | X | 23.6 | X |
| | 20 largest companies | X | X | 36.9 | X |
| | 50 largest companies | X | X | 54.6 | 132.0 |
| 321918 | Other millwork (including flooring) | | | | |
| | All companies | 2 020 | 5 868 698 | 100.0 | X |
| | 4 largest companies | X | X | 17.7 | X |
| | 8 largest companies | X | X | 24.3 | X |
| | 20 largest companies | X | X | 33.7 | X |
| | 50 largest companies | X | X | 46.8 | 146.1 |
| 32192 | Wood container and pallet manufacturing | | | | |
| | All companies | 2 792 | 5 054 000 | 100.0 | X |
| | 4 largest companies | X | X | 6.9 | X |
| | 8 largest companies | X | X | 10.2 | X |
| | 20 largest companies | X | X | 17.0 | X |
| | 50 largest companies | X | X | 26.8 | 23.8 |
| 321920 | Wood container and pallet manufacturing | | | | |
| | All companies | 2 792 | 5 054 000 | 100.0 | X |
| | 4 largest companies | X | X | 6.9 | X |
| | 8 largest companies | X | X | 10.2 | X |
| | 20 largest companies | X | X | 17.0 | X |
| | 50 largest companies | X | X | 26.8 | 23.8 |
| 32199 | All other wood product manufacturing | | | | |
| | All companies | 2 939 | 15 317 493 | 100.0 | X |
| | 4 largest companies | X | X | 19.6 | X |
| | 8 largest companies | X | X | 30.1 | X |
| | 20 largest companies | X | X | 42.9 | X |
| | 50 largest companies | X | X | 54.1 | 155.0 |
| 321991 | Manufactured home (mobile home) manufacturing | | | | |
| | All companies | 241 | 6 726 900 | 100.0 | X |
| | 4 largest companies | X | X | 44.6 | X |
| | 8 largest companies | X | X | 63.7 | X |
| | 20 largest companies | X | X | 81.1 | X |
| | 50 largest companies | X | X | 92.5 | 685.3 |
| 321992 | Prefabricated wood building manufacturing | | | | |
| | All companies | 671 | 3 740 620 | 100.0 | X |
| | 4 largest companies | X | X | 22.0 | X |
| | 8 largest companies | X | X | 29.3 | X |
| | 20 largest companies | X | X | 41.2 | X |
| | 50 largest companies | X | X | 59.5 | 177.7 |
| 321999 | All other miscellaneous wood product manufacturing | | | | |
| | All companies | 2 031 | 4 849 973 | 100.0 | X |
| | 4 largest companies | X | X | 17.6 | X |
| | 8 largest companies | X | X | 22.4 | X |
| | 20 largest companies | X | X | 31.3 | X |
| | 50 largest companies | X | X | 44.5 | 139.4 |
| 322 | Paper manufacturing | | | | |
| | All companies | 3 537 | 153 749 276 | 100.0 | X |
| | 4 largest companies | X | X | 25.8 | X |
| | 8 largest companies | X | X | 41.6 | X |
| | 20 largest companies | X | X | 54.1 | X |
| | 50 largest companies | X | X | 67.6 | 259.3 |
| 3221 | Pulp, paper, and paperboard mills | | | | |
| | All companies | 269 | 69 940 981 | 100.0 | X |
| | 4 largest companies | X | X | 40.0 | X |
| | 8 largest companies | X | X | 60.4 | X |
| | 20 largest companies | X | X | 74.9 | X |
| | 50 largest companies | X | X | 88.6 | 558.5 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 322 | Paper manufacturing—Con. | | | | |
| 3221 | Pulp, paper, and paperboard mills—Con. | | | | |
| 32211 | Pulp mills | | | | |
| | All companies | 21 | 3 650 916 | 100.0 | X |
| | 4 largest companies | X | X | 61.1 | X |
| | 8 largest companies | X | X | 87.7 | X |
| | 20 largest companies | X | X | D | X |
| | 50 largest companies | X | X | 100.0 | 1 175.2 |
| 322110 | Pulp mills | | | | |
| | All companies | 21 | 3 650 916 | 100.0 | X |
| | 4 largest companies | X | X | 61.1 | X |
| | 8 largest companies | X | X | 87.7 | X |
| | 20 largest companies | X | X | D | X |
| | 50 largest companies | X | X | 100.0 | 1 175.2 |
| 32212 | Paper mills | | | | |
| | All companies | 187 | 45 155 817 | 100.0 | X |
| | 4 largest companies | X | X | 49.6 | X |
| | 8 largest companies | X | X | 66.0 | X |
| | 20 largest companies | X | X | 81.4 | X |
| | 50 largest companies | X | X | 93.6 | 720.6 |
| 322121 | Paper (except newsprint) mills | | | | |
| | All companies | 174 | 42 190 901 | 100.0 | X |
| | 4 largest companies | X | X | 53.1 | X |
| | 8 largest companies | X | X | 69.5 | X |
| | 20 largest companies | X | X | 84.5 | X |
| | 50 largest companies | X | X | 95.6 | 810.2 |
| 322122 | Newsprint mills | | | | |
| | All companies | 16 | 2 964 916 | 100.0 | X |
| | 4 largest companies | X | X | 53.9 | X |
| | 8 largest companies | X | X | 78.2 | X |
| | 20 largest companies | X | X | 100.0 | 976.6 |
| | 50 largest companies | X | X | — | — |
| 32213 | Paperboard mills | | | | |
| | All companies | 80 | 21 134 248 | 100.0 | X |
| | 4 largest companies | X | X | 48.5 | X |
| | 8 largest companies | X | X | 67.6 | X |
| | 20 largest companies | X | X | 87.5 | X |
| | 50 largest companies | X | X | 98.8 | 748.5 |
| 322130 | Paperboard mills | | | | |
| | All companies | 80 | 21 134 248 | 100.0 | X |
| | 4 largest companies | X | X | 48.5 | X |
| | 8 largest companies | X | X | 67.6 | X |
| | 20 largest companies | X | X | 87.5 | X |
| | 50 largest companies | X | X | 98.8 | 748.5 |
| 3222 | Converted paper product manufacturing | | | | |
| | All companies | 3 348 | 83 808 295 | 100.0 | X |
| | 4 largest companies | X | X | 17.7 | X |
| | 8 largest companies | X | X | 27.8 | X |
| | 20 largest companies | X | X | 43.8 | X |
| | 50 largest companies | X | X | 58.4 | 139.8 |
| 32221 | Paperboard container manufacturing | | | | |
| | All companies | 1 544 | 43 530 631 | 100.0 | X |
| | 4 largest companies | X | X | 29.1 | X |
| | 8 largest companies | X | X | 42.8 | X |
| | 20 largest companies | X | X | 59.2 | X |
| | 50 largest companies | X | X | 70.5 | 310.6 |
| 322211 | Corrugated and solid fiber box manufacturing | | | | |
| | All companies | 959 | 29 468 238 | 100.0 | X |
| | 4 largest companies | X | X | 36.8 | X |
| | 8 largest companies | X | X | 53.0 | X |
| | 20 largest companies | X | X | 66.4 | X |
| | 50 largest companies | X | X | 74.7 | 454.7 |
| 322212 | Folding paperboard box manufacturing | | | | |
| | All companies | 351 | 8 274 875 | 100.0 | X |
| | 4 largest companies | X | X | 35.1 | X |
| | 8 largest companies | X | X | 53.3 | X |
| | 20 largest companies | X | X | 66.5 | X |
| | 50 largest companies | X | X | 79.4 | 439.7 |
| 322213 | Setup paperboard box manufacturing | | | | |
| | All companies | 114 | 615 322 | 100.0 | X |
| | 4 largest companies | X | X | 21.7 | X |
| | 8 largest companies | X | X | 34.2 | X |
| | 20 largest companies | X | X | 60.9 | X |
| | 50 largest companies | X | X | 87.5 | 260.9 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 322 | Paper manufacturing—Con. | | | | |
| 3222 | Converted paper product manufacturing—Con. | | | | |
| 32221 | Paperboard container manufacturing—Con. | | | | |
| 322214 | Fiber can, tube, drum, and similar products manufacturing | | | | |
| | All companies | 135 | 2 109 885 | 100.0 | X |
| | 4 largest companies | X | X | 71.2 | X |
| | 8 largest companies | X | X | 78.8 | X |
| | 20 largest companies | X | X | 85.9 | X |
| | 50 largest companies | X | X | 93.7 | 2 467.9 |
| 322215 | Nonfolding sanitary food container manufacturing | | | | |
| | All companies | 37 | 3 062 311 | 100.0 | X |
| | 4 largest companies | X | X | 66.6 | X |
| | 8 largest companies | X | X | 85.4 | X |
| | 20 largest companies | X | X | 98.8 | X |
| | 50 largest companies | X | X | 100.0 | 1 289.4 |
| 32222 | Paper bag and coated and treated paper manufacturing | | | | |
| | All companies | 745 | 18 327 576 | 100.0 | X |
| | 4 largest companies | X | X | 26.9 | X |
| | 8 largest companies | X | X | 35.8 | X |
| | 20 largest companies | X | X | 50.9 | X |
| | 50 largest companies | X | X | 66.9 | 273.3 |
| 322221 | Coated and laminated packaging paper and plastics film manufacturing | | | | |
| | All companies | 109 | 1 231 508 | 100.0 | X |
| | 4 largest companies | X | X | 24.1 | X |
| | 8 largest companies | X | X | 41.3 | X |
| | 20 largest companies | X | X | 72.6 | X |
| | 50 largest companies | X | X | 93.6 | 325.9 |
| 322222 | Coated and laminated paper manufacturing | | | | |
| | All companies | 459 | 11 920 200 | 100.0 | X |
| | 4 largest companies | X | X | 40.1 | X |
| | 8 largest companies | X | X | 49.6 | X |
| | 20 largest companies | X | X | 63.6 | X |
| | 50 largest companies | X | X | 78.8 | 568.9 |
| 322223 | Plastics, foil, and coated paper bag manufacturing | | | | |
| | All companies | 41 | 564 387 | 100.0 | X |
| | 4 largest companies | X | X | 40.5 | X |
| | 8 largest companies | X | X | 62.4 | X |
| | 20 largest companies | X | X | 93.9 | X |
| | 50 largest companies | X | X | 100.0 | 676.0 |
| 322224 | Uncoated paper and multiwall bag manufacturing | | | | |
| | All companies | 80 | 2 187 615 | 100.0 | X |
| | 4 largest companies | X | X | 52.3 | X |
| | 8 largest companies | X | X | 69.3 | X |
| | 20 largest companies | X | X | 85.7 | X |
| | 50 largest companies | X | X | 98.1 | 863.6 |
| 322225 | Laminated aluminum foil manufacturing for flexible packaging uses | | | | |
| | All companies | 38 | 1 537 689 | 100.0 | X |
| | 4 largest companies | X | X | 49.6 | X |
| | 8 largest companies | X | X | 71.5 | X |
| | 20 largest companies | X | X | 94.0 | X |
| | 50 largest companies | X | X | 100.0 | 842.9 |
| 322226 | Surface-coated paperboard manufacturing | | | | |
| | All companies | 49 | 886 177 | 100.0 | X |
| | 4 largest companies | X | X | 43.1 | X |
| | 8 largest companies | X | X | 65.2 | X |
| | 20 largest companies | X | X | 93.1 | X |
| | 50 largest companies | X | X | 100.0 | 700.5 |
| 32223 | Stationery product manufacturing | | | | |
| | All companies | 525 | 7 977 650 | 100.0 | X |
| | 4 largest companies | X | X | 28.9 | X |
| | 8 largest companies | X | X | 44.7 | X |
| | 20 largest companies | X | X | 64.3 | X |
| | 50 largest companies | X | X | 79.2 | 330.0 |
| 322231 | Die-cut paper and paperboard office supplies manufacturing | | | | |
| | All companies | 229 | 2 867 447 | 100.0 | X |
| | 4 largest companies | X | X | 44.0 | X |
| | 8 largest companies | X | X | 62.1 | X |
| | 20 largest companies | X | X | 78.4 | X |
| | 50 largest companies | X | X | 89.9 | 620.2 |
| 322232 | Envelope manufacturing | | | | |
| | All companies | 166 | 3 362 461 | 100.0 | X |
| | 4 largest companies | X | X | 51.1 | X |
| | 8 largest companies | X | X | 65.7 | X |
| | 20 largest companies | X | X | 79.2 | X |
| | 50 largest companies | X | X | 91.8 | 829.9 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 322 | Paper manufacturing—Con. | | | | |
| 3222 | Converted paper product manufacturing—Con. | | | | |
| 32223 | Stationery product manufacturing—Con. | | | | |
| 322233 | Stationery, tablet, and related product manufacturing | | | | |
| | All companies | 140 | 1 747 742 | 100.0 | X |
| | 4 largest companies | X | X | 51.3 | X |
| | 8 largest companies | X | X | 65.3 | X |
| | 20 largest companies | X | X | 83.6 | X |
| | 50 largest companies | X | X | 94.6 | 976.5 |
| 32229 | Other converted paper product manufacturing | | | | |
| | All companies | 616 | 13 972 438 | 100.0 | X |
| | 4 largest companies | X | X | 38.5 | X |
| | 8 largest companies | X | X | 51.7 | X |
| | 20 largest companies | X | X | 66.6 | X |
| | 50 largest companies | X | X | 79.6 | 549.5 |
| 322291 | Sanitary paper product manufacturing | | | | |
| | All companies | 109 | 9 542 802 | 100.0 | X |
| | 4 largest companies | X | X | 56.3 | X |
| | 8 largest companies | X | X | 73.9 | X |
| | 20 largest companies | X | X | 89.6 | X |
| | 50 largest companies | X | X | 98.1 | 1 139.3 |
| 322299 | All other converted paper product manufacturing | | | | |
| | All companies | 510 | 4 429 636 | 100.0 | X |
| | 4 largest companies | X | X | 21.7 | X |
| | 8 largest companies | X | X | 31.0 | X |
| | 20 largest companies | X | X | 46.0 | X |
| | 50 largest companies | X | X | 65.7 | 192.4 |
| 323 | Printing and related support activities | | | | |
| | All companies | 35 738 | 95 631 792 | 100.0 | X |
| | 4 largest companies | X | X | 10.4 | X |
| | 8 largest companies | X | X | 14.9 | X |
| | 20 largest companies | X | X | 22.9 | X |
| | 50 largest companies | X | X | 31.1 | 45.2 |
| 3231 | Printing and related support activities | | | | |
| | All companies | 35 738 | 95 631 792 | 100.0 | X |
| | 4 largest companies | X | X | 10.4 | X |
| | 8 largest companies | X | X | 14.9 | X |
| | 20 largest companies | X | X | 22.9 | X |
| | 50 largest companies | X | X | 31.1 | 45.2 |
| 32311 | Printing | | | | |
| | All companies | 32 572 | 90 212 639 | 100.0 | X |
| | 4 largest companies | X | X | 10.9 | X |
| | 8 largest companies | X | X | 15.7 | X |
| | 20 largest companies | X | X | 24.0 | X |
| | 50 largest companies | X | X | 32.4 | 49.4 |
| 323110 | Commercial lithographic printing | | | | |
| | All companies | 14 970 | 50 519 423 | 100.0 | X |
| | 4 largest companies | X | X | 12.4 | X |
| | 8 largest companies | X | X | 17.8 | X |
| | 20 largest companies | X | X | 27.5 | X |
| | 50 largest companies | X | X | 35.0 | 61.0 |
| 323111 | Commercial gravure printing | | | | |
| | All companies | 337 | 3 546 727 | 100.0 | X |
| | 4 largest companies | X | X | 63.9 | X |
| | 8 largest companies | X | X | 71.7 | X |
| | 20 largest companies | X | X | 85.0 | X |
| | 50 largest companies | X | X | 94.3 | 1 306.5 |
| 323112 | Commercial flexographic printing | | | | |
| | All companies | 838 | 5 409 512 | 100.0 | X |
| | 4 largest companies | X | X | 13.4 | X |
| | 8 largest companies | X | X | 20.8 | X |
| | 20 largest companies | X | X | 35.0 | X |
| | 50 largest companies | X | X | 53.0 | 87.9 |
| 323113 | Commercial screen printing | | | | |
| | All companies | 4 385 | 6 823 601 | 100.0 | X |
| | 4 largest companies | X | X | 7.5 | X |
| | 8 largest companies | X | X | 11.8 | X |
| | 20 largest companies | X | X | 20.5 | X |
| | 50 largest companies | X | X | 32.5 | 30.7 |
| 323114 | Quick printing | | | | |
| | All companies | 7 515 | 4 513 100 | 100.0 | X |
| | 4 largest companies | X | X | 21.5 | X |
| | 8 largest companies | X | X | 23.6 | X |
| | 20 largest companies | X | X | 26.8 | X |
| | 50 largest companies | X | X | 31.4 | 319.0 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 323 | Printing and related support activities—Con. | | | | |
| 3231 | Printing and related support activities—Con. | | | | |
| 32311 | Printing—Con. | | | | |
| 323115 | Digital printing | | | | |
| | All companies | 1 033 | 2 386 632 | 100.0 | X |
| | 4 largest companies | X | X | 19.4 | X |
| | 8 largest companies | X | X | 27.7 | X |
| | 20 largest companies | X | X | 41.0 | X |
| | 50 largest companies | X | X | 54.6 | 155.0 |
| 323116 | Manifold business forms printing | | | | |
| | All companies | 559 | 7 805 372 | 100.0 | X |
| | 4 largest companies | X | X | 28.7 | X |
| | 8 largest companies | X | X | 43.8 | X |
| | 20 largest companies | X | X | 64.7 | X |
| | 50 largest companies | X | X | 79.6 | 372.0 |
| 323117 | Books printing | | | | |
| | All companies | 560 | 4 867 555 | 100.0 | X |
| | 4 largest companies | X | X | 38.2 | X |
| | 8 largest companies | X | X | 53.6 | X |
| | 20 largest companies | X | X | 68.2 | X |
| | 50 largest companies | X | X | 81.8 | 492.7 |
| 323118 | Blankbook, looseleaf binders, and devices manufacturing | | | | |
| | All companies | 223 | 1 763 202 | 100.0 | X |
| | 4 largest companies | X | X | 46.7 | X |
| | 8 largest companies | X | X | 56.1 | X |
| | 20 largest companies | X | X | 70.9 | X |
| | 50 largest companies | X | X | 83.8 | 805.6 |
| 323119 | Other commercial printing | | | | |
| | All companies | 2 393 | 2 577 515 | 100.0 | X |
| | 4 largest companies | X | X | 9.1 | X |
| | 8 largest companies | X | X | 14.5 | X |
| | 20 largest companies | X | X | 23.4 | X |
| | 50 largest companies | X | X | 35.7 | 41.8 |
| 32312 | Support activities for printing | | | | |
| | All companies | 3 242 | 5 419 153 | 100.0 | X |
| | 4 largest companies | X | X | 9.2 | X |
| | 8 largest companies | X | X | 15.5 | X |
| | 20 largest companies | X | X | 25.2 | X |
| | 50 largest companies | X | X | 36.7 | 45.1 |
| 323121 | Tradebinding and related work | | | | |
| | All companies | 1 211 | 2 064 978 | 100.0 | X |
| | 4 largest companies | X | X | 14.6 | X |
| | 8 largest companies | X | X | 21.0 | X |
| | 20 largest companies | X | X | 31.1 | X |
| | 50 largest companies | X | X | 44.4 | 82.7 |
| 323122 | Prepress services | | | | |
| | All companies | 2 033 | 3 354 175 | 100.0 | X |
| | 4 largest companies | X | X | 14.7 | X |
| | 8 largest companies | X | X | 22.8 | X |
| | 20 largest companies | X | X | 33.4 | X |
| | 50 largest companies | X | X | 47.5 | 89.6 |
| 324 | Petroleum and coal products manufacturing | | | | |
| | All companies | 1 106 | 215 513 706 | 100.0 | X |
| | 4 largest companies | X | X | 38.1 | X |
| | 8 largest companies | X | X | 58.2 | X |
| | 20 largest companies | X | X | 81.9 | X |
| | 50 largest companies | X | X | 93.1 | 543.4 |
| 3241 | Petroleum and coal products manufacturing | | | | |
| | All companies | 1 106 | 215 513 706 | 100.0 | X |
| | 4 largest companies | X | X | 38.1 | X |
| | 8 largest companies | X | X | 58.2 | X |
| | 20 largest companies | X | X | 81.9 | X |
| | 50 largest companies | X | X | 93.1 | 543.4 |
| 32411 | Petroleum refineries | | | | |
| | All companies | 88 | 193 528 006 | 100.0 | X |
| | 4 largest companies | X | X | 41.2 | X |
| | 8 largest companies | X | X | 63.5 | X |
| | 20 largest companies | X | X | 89.3 | X |
| | 50 largest companies | X | X | 99.3 | 639.7 |
| 324110 | Petroleum refineries | | | | |
| | All companies | 88 | 193 528 006 | 100.0 | X |
| | 4 largest companies | X | X | 41.2 | X |
| | 8 largest companies | X | X | 63.5 | X |
| | 20 largest companies | X | X | 89.3 | X |
| | 50 largest companies | X | X | 99.3 | 639.7 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 324 | Petroleum and coal products manufacturing—Con. | | | | |
| 3241 | Petroleum and coal products manufacturing—Con. | | | | |
| 32412 | Asphalt paving, roofing, and saturated materials manufacturing | | | | |
| | All companies | 628 | 13 644 376 | 100.0 | X |
| | 4 largest companies | X | X | 27.1 | X |
| | 8 largest companies | X | X | 42.3 | X |
| | 20 largest companies | X | X | 55.9 | X |
| | 50 largest companies | X | X | 69.3 | 278.4 |
| 324121 | Asphalt paving mixture and block manufacturing | | | | |
| | All companies | 511 | 7 525 866 | 100.0 | X |
| | 4 largest companies | X | X | 24.9 | X |
| | 8 largest companies | X | X | 33.0 | X |
| | 20 largest companies | X | X | 45.9 | X |
| | 50 largest companies | X | X | 62.4 | 207.0 |
| 324122 | Asphalt shingle and coating materials manufacturing | | | | |
| | All companies | 123 | 6 118 510 | 100.0 | X |
| | 4 largest companies | X | X | 60.0 | X |
| | 8 largest companies | X | X | 76.3 | X |
| | 20 largest companies | X | X | 89.2 | X |
| | 50 largest companies | X | X | 97.3 | 1 061.3 |
| 32419 | Other petroleum and coal products manufacturing | | | | |
| | All companies | 420 | 8 341 324 | 100.0 | X |
| | 4 largest companies | X | X | 32.3 | X |
| | 8 largest companies | X | X | 46.4 | X |
| | 20 largest companies | X | X | 65.4 | X |
| | 50 largest companies | X | X | 81.2 | 395.9 |
| 324191 | Petroleum lubricating oil and grease manufacturing | | | | |
| | All companies | 356 | 6 445 658 | 100.0 | X |
| | 4 largest companies | X | X | 40.6 | X |
| | 8 largest companies | X | X | 55.0 | X |
| | 20 largest companies | X | X | 70.2 | X |
| | 50 largest companies | X | X | 85.2 | 578.5 |
| 324199 | All other petroleum and coal products manufacturing | | | | |
| | All companies | 66 | 1 895 666 | 100.0 | X |
| | 4 largest companies | X | X | 45.5 | X |
| | 8 largest companies | X | X | 67.1 | X |
| | 20 largest companies | X | X | 89.3 | X |
| | 50 largest companies | X | X | 99.6 | 773.6 |
| 325 | Chemical manufacturing | | | | |
| | All companies | 9 659 | 462 438 453 | 100.0 | X |
| | 4 largest companies | X | X | 13.7 | X |
| | 8 largest companies | X | X | 21.8 | X |
| | 20 largest companies | X | X | 36.8 | X |
| | 50 largest companies | X | X | 54.3 | 99.9 |
| 3251 | Basic chemical manufacturing | | | | |
| | All companies | 1 229 | 109 441 318 | 100.0 | X |
| | 4 largest companies | X | X | 22.3 | X |
| | 8 largest companies | X | X | 34.2 | X |
| | 20 largest companies | X | X | 50.5 | X |
| | 50 largest companies | X | X | 69.7 | 216.7 |
| 32511 | Petrochemical manufacturing | | | | |
| | All companies | 43 | 20 348 099 | 100.0 | X |
| | 4 largest companies | X | X | 84.7 | X |
| | 8 largest companies | X | X | 93.9 | X |
| | 20 largest companies | X | X | 99.7 | X |
| | 50 largest companies | X | X | 100.0 | 2 661.6 |
| 325110 | Petrochemical manufacturing | | | | |
| | All companies | 43 | 20 348 099 | 100.0 | X |
| | 4 largest companies | X | X | 84.7 | X |
| | 8 largest companies | X | X | 93.9 | X |
| | 20 largest companies | X | X | 99.7 | X |
| | 50 largest companies | X | X | 100.0 | 2 661.6 |
| 32512 | Industrial gas manufacturing | | | | |
| | All companies | 103 | 5 867 733 | 100.0 | X |
| | 4 largest companies | X | X | 63.8 | X |
| | 8 largest companies | X | X | 81.9 | X |
| | 20 largest companies | X | X | 96.8 | X |
| | 50 largest companies | X | X | 99.4 | 1 218.4 |
| 325120 | Industrial gas manufacturing | | | | |
| | All companies | 103 | 5 867 733 | 100.0 | X |
| | 4 largest companies | X | X | 63.8 | X |
| | 8 largest companies | X | X | 81.9 | X |
| | 20 largest companies | X | X | 96.8 | X |
| | 50 largest companies | X | X | 99.4 | 1 218.4 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 325 | Chemical manufacturing—Con. | | | | |
| 3251 | Basic chemical manufacturing—Con. | | | | |
| 32513 | Synthetic dye and pigment manufacturing | | | | |
| | All companies | 159 | 6 335 562 | 100.0 | X |
| | 4 largest companies | X | X | 43.0 | X |
| | 8 largest companies | X | X | 58.2 | X |
| | 20 largest companies | X | X | 77.5 | X |
| | 50 largest companies | X | X | 94.9 | 657.6 |
| 325131 | Inorganic dye and pigment manufacturing | | | | |
| | All companies | 62 | 3 519 393 | 100.0 | X |
| | 4 largest companies | X | X | 69.3 | X |
| | 8 largest companies | X | X | 81.7 | X |
| | 20 largest companies | X | X | 96.4 | X |
| | 50 largest companies | X | X | 99.9 | 1 704.1 |
| 325132 | Synthetic organic dye and pigment manufacturing | | | | |
| | All companies | 98 | 2 816 169 | 100.0 | X |
| | 4 largest companies | X | X | 44.4 | X |
| | 8 largest companies | X | X | 59.5 | X |
| | 20 largest companies | X | X | 83.5 | X |
| | 50 largest companies | X | X | 98.0 | 658.2 |
| 32518 | Other basic inorganic chemical manufacturing | | | | |
| | All companies | 423 | 19 979 652 | 100.0 | X |
| | 4 largest companies | X | X | 18.0 | X |
| | 8 largest companies | X | X | 30.6 | X |
| | 20 largest companies | X | X | 53.3 | X |
| | 50 largest companies | X | X | 79.6 | 192.1 |
| 325181 | Alkalies and chlorine manufacturing | | | | |
| | All companies | 29 | 2 831 314 | 100.0 | X |
| | 4 largest companies | X | X | 73.2 | X |
| | 8 largest companies | X | X | 90.1 | X |
| | 20 largest companies | X | X | 99.6 | X |
| | 50 largest companies | X | X | 100.0 | 1 786.4 |
| 325182 | Carbon black manufacturing | | | | |
| | All companies | 11 | 1 043 515 | 100.0 | X |
| | 4 largest companies | X | X | 76.0 | X |
| | 8 largest companies | X | X | 99.1 | X |
| | 20 largest companies | X | X | 100.0 | 1 791.8 |
| | 50 largest companies | X | X | — | — |
| 325188 | All other basic inorganic chemical manufacturing | | | | |
| | All companies | 394 | 16 104 823 | 100.0 | X |
| | 4 largest companies | X | X | 20.9 | X |
| | 8 largest companies | X | X | 33.4 | X |
| | 20 largest companies | X | X | 55.8 | X |
| | 50 largest companies | X | X | 80.1 | 216.9 |
| 32519 | Other basic organic chemical manufacturing | | | | |
| | All companies | 597 | 56 910 272 | 100.0 | X |
| | 4 largest companies | X | X | 19.8 | X |
| | 8 largest companies | X | X | 34.1 | X |
| | 20 largest companies | X | X | 54.2 | X |
| | 50 largest companies | X | X | 77.0 | 208.8 |
| 325191 | Gum and wood chemical manufacturing | | | | |
| | All companies | 42 | 981 477 | 100.0 | X |
| | 4 largest companies | X | X | 81.0 | X |
| | 8 largest companies | X | X | 91.8 | X |
| | 20 largest companies | X | X | 97.8 | X |
| | 50 largest companies | X | X | 100.0 | 2 148.0 |
| 325192 | Cyclic crude and intermediate manufacturing | | | | |
| | All companies | 30 | 4 604 193 | 100.0 | X |
| | 4 largest companies | X | X | 74.5 | X |
| | 8 largest companies | X | X | 91.8 | X |
| | 20 largest companies | X | X | 99.4 | X |
| | 50 largest companies | X | X | 100.0 | 2 442.8 |
| 325193 | Ethyl alcohol manufacturing | | | | |
| | All companies | 64 | 2 288 305 | 100.0 | X |
| | 4 largest companies | X | X | 46.1 | X |
| | 8 largest companies | X | X | 62.3 | X |
| | 20 largest companies | X | X | 83.8 | X |
| | 50 largest companies | X | X | 99.5 | 802.2 |
| 325199 | All other basic organic chemical manufacturing | | | | |
| | All companies | 481 | 49 036 297 | 100.0 | X |
| | 4 largest companies | X | X | 22.0 | X |
| | 8 largest companies | X | X | 36.1 | X |
| | 20 largest companies | X | X | 56.6 | X |
| | 50 largest companies | X | X | 79.7 | 238.3 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 325 | Chemical manufacturing—Con. | | | | |
| 3252 | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing | | | | |
| | All companies | 627 | 60 270 849 | 100.0 | X |
| | 4 largest companies | X | X | 29.8 | X |
| | 8 largest companies | X | X | 41.2 | X |
| | 20 largest companies | X | X | 60.5 | X |
| | 50 largest companies | X | X | 84.1 | 346.1 |
| 32521 | Resin and synthetic rubber manufacturing | | | | |
| | All companies | 559 | 52 321 610 | 100.0 | X |
| | 4 largest companies | X | X | 30.3 | X |
| | 8 largest companies | X | X | 42.7 | X |
| | 20 largest companies | X | X | 63.8 | X |
| | 50 largest companies | X | X | 85.6 | 379.8 |
| 325211 | Plastics material and resin manufacturing | | | | |
| | All companies | 445 | 46 846 851 | 100.0 | X |
| | 4 largest companies | X | X | 32.4 | X |
| | 8 largest companies | X | X | 45.8 | X |
| | 20 largest companies | X | X | 67.9 | X |
| | 50 largest companies | X | X | 87.8 | 442.5 |
| 325212 | Synthetic rubber manufacturing | | | | |
| | All companies | 133 | 5 474 759 | 100.0 | X |
| | 4 largest companies | X | X | 43.0 | X |
| | 8 largest companies | X | X | 65.9 | X |
| | 20 largest companies | X | X | 92.9 | X |
| | 50 largest companies | X | X | 98.1 | 743.5 |
| 32522 | Artificial and synthetic fibers and filaments manufacturing | | | | |
| | All companies | 77 | 7 949 239 | 100.0 | X |
| | 4 largest companies | X | X | 53.5 | X |
| | 8 largest companies | X | X | 76.9 | X |
| | 20 largest companies | X | X | 94.2 | X |
| | 50 largest companies | X | X | 99.6 | 1 134.4 |
| 325221 | Cellulosic organic fiber manufacturing | | | | |
| | All companies | 8 | 470 179 | 100.0 | X |
| | 4 largest companies | X | X | 92.9 | X |
| | 8 largest companies | X | X | 100.0 | D |
| | 20 largest companies | X | X | — | — |
| | 50 largest companies | X | X | — | — |
| 325222 | Noncellulosic organic fiber manufacturing | | | | |
| | All companies | 69 | 7 479 060 | 100.0 | X |
| | 4 largest companies | X | X | 56.9 | X |
| | 8 largest companies | X | X | 81.7 | X |
| | 20 largest companies | X | X | 95.7 | X |
| | 50 largest companies | X | X | 99.8 | 1 262.2 |
| 3253 | Pesticide, fertilizer, and other agricultural chemical manufacturing | | | | |
| | All companies | 704 | 19 306 831 | 100.0 | X |
| | 4 largest companies | X | X | 36.0 | X |
| | 8 largest companies | X | X | 51.3 | X |
| | 20 largest companies | X | X | 72.1 | X |
| | 50 largest companies | X | X | 85.2 | 515.7 |
| 32531 | Fertilizer manufacturing | | | | |
| | All companies | 502 | 10 219 830 | 100.0 | X |
| | 4 largest companies | X | X | 39.5 | X |
| | 8 largest companies | X | X | 56.6 | X |
| | 20 largest companies | X | X | 75.1 | X |
| | 50 largest companies | X | X | 87.7 | 532.3 |
| 325311 | Nitrogenous fertilizer manufacturing | | | | |
| | All companies | 116 | 3 291 075 | 100.0 | X |
| | 4 largest companies | X | X | 53.9 | X |
| | 8 largest companies | X | X | 78.8 | X |
| | 20 largest companies | X | X | 94.6 | X |
| | 50 largest companies | X | X | 98.2 | 976.9 |
| 325312 | Phosphatic fertilizer manufacturing | | | | |
| | All companies | 33 | 3 955 155 | 100.0 | X |
| | 4 largest companies | X | X | 77.8 | X |
| | 8 largest companies | X | X | 93.0 | X |
| | 20 largest companies | X | X | 99.7 | X |
| | 50 largest companies | X | X | 100.0 | 1 853.0 |
| 325314 | Fertilizer (mixing only) manufacturing | | | | |
| | All companies | 367 | 2 973 600 | 100.0 | X |
| | 4 largest companies | X | X | 27.2 | X |
| | 8 largest companies | X | X | 39.0 | X |
| | 20 largest companies | X | X | 58.1 | X |
| | 50 largest companies | X | X | 76.7 | 382.9 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 325 | Chemical manufacturing—Con. | | | | |
| 3253 | Pesticide, fertilizer, and other agricultural chemical manufacturing—Con. | | | | |
| 32532 | Pesticide and other agricultural chemical manufacturing | | | | |
| | All companies | 206 | 9 087 001 | 100.0 | X |
| | 4 largest companies | X | X | 64.5 | X |
| | 8 largest companies | X | X | 77.2 | X |
| | 20 largest companies | X | X | 87.9 | X |
| | 50 largest companies | X | X | 95.1 | 1 652.8 |
| 325320 | Pesticide and other agricultural chemical manufacturing | | | | |
| | All companies | 206 | 9 087 001 | 100.0 | X |
| | 4 largest companies | X | X | 64.5 | X |
| | 8 largest companies | X | X | 77.2 | X |
| | 20 largest companies | X | X | 87.9 | X |
| | 50 largest companies | X | X | 95.1 | 1 652.8 |
| 3254 | Pharmaceutical and medicine manufacturing | | | | |
| | All companies | 1 444 | 142 977 563 | 100.0 | X |
| | 4 largest companies | X | X | 34.0 | X |
| | 8 largest companies | X | X | 49.1 | X |
| | 20 largest companies | X | X | 70.5 | X |
| | 50 largest companies | X | X | 83.7 | 506.0 |
| 32541 | Pharmaceutical and medicine manufacturing | | | | |
| | All companies | 1 444 | 142 977 563 | 100.0 | X |
| | 4 largest companies | X | X | 34.0 | X |
| | 8 largest companies | X | X | 49.1 | X |
| | 20 largest companies | X | X | 70.5 | X |
| | 50 largest companies | X | X | 83.7 | 506.0 |
| 325411 | Medicinal and botanical manufacturing | | | | |
| | All companies | 343 | 12 242 919 | 100.0 | X |
| | 4 largest companies | X | X | 64.2 | X |
| | 8 largest companies | X | X | 72.5 | X |
| | 20 largest companies | X | X | 83.1 | X |
| | 50 largest companies | X | X | 91.8 | 2 703.6 |
| 325412 | Pharmaceutical preparation manufacturing | | | | |
| | All companies | 731 | 114 665 643 | 100.0 | X |
| | 4 largest companies | X | X | 36.0 | X |
| | 8 largest companies | X | X | 53.3 | X |
| | 20 largest companies | X | X | 75.8 | X |
| | 50 largest companies | X | X | 88.9 | 529.9 |
| 325413 | In-vitro diagnostic substance manufacturing | | | | |
| | All companies | 197 | 7 810 480 | 100.0 | X |
| | 4 largest companies | X | X | 55.5 | X |
| | 8 largest companies | X | X | 70.9 | X |
| | 20 largest companies | X | X | 85.4 | X |
| | 50 largest companies | X | X | 94.1 | 985.5 |
| 325414 | Biological product (except diagnostic) manufacturing | | | | |
| | All companies | 233 | 8 258 521 | 100.0 | X |
| | 4 largest companies | X | X | 42.0 | X |
| | 8 largest companies | X | X | 66.0 | X |
| | 20 largest companies | X | X | 82.3 | X |
| | 50 largest companies | X | X | 93.2 | 634.7 |
| 3255 | Paint, coating, and adhesive manufacturing | | | | |
| | All companies | 1 597 | 27 381 892 | 100.0 | X |
| | 4 largest companies | X | X | 30.3 | X |
| | 8 largest companies | X | X | 43.6 | X |
| | 20 largest companies | X | X | 58.4 | X |
| | 50 largest companies | X | X | 71.5 | 321.4 |
| 32551 | Paint and coating manufacturing | | | | |
| | All companies | 1 149 | 19 917 828 | 100.0 | X |
| | 4 largest companies | X | X | 37.3 | X |
| | 8 largest companies | X | X | 54.5 | X |
| | 20 largest companies | X | X | 69.9 | X |
| | 50 largest companies | X | X | 78.6 | 505.0 |
| 325510 | Paint and coating manufacturing | | | | |
| | All companies | 1 149 | 19 917 828 | 100.0 | X |
| | 4 largest companies | X | X | 37.3 | X |
| | 8 largest companies | X | X | 54.5 | X |
| | 20 largest companies | X | X | 69.9 | X |
| | 50 largest companies | X | X | 78.6 | 505.0 |
| 32552 | Adhesive manufacturing | | | | |
| | All companies | 466 | 7 464 064 | 100.0 | X |
| | 4 largest companies | X | X | 24.2 | X |
| | 8 largest companies | X | X | 35.0 | X |
| | 20 largest companies | X | X | 56.2 | X |
| | 50 largest companies | X | X | 75.8 | 252.9 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 325 | Chemical manufacturing—Con. | | | | |
| 3255 | Paint, coating, and adhesive manufacturing—Con. | | | | |
| 32552 | Adhesive manufacturing—Con. | | | | |
| 325520 | Adhesive manufacturing | | | | |
| | All companies | 466 | 7 464 064 | 100.0 | X |
| | 4 largest companies | X | X | 24.2 | X |
| | 8 largest companies | X | X | 35.0 | X |
| | 20 largest companies | X | X | 56.2 | X |
| | 50 largest companies | X | X | 75.8 | 252.9 |
| 3256 | Soap, cleaning compound, and toilet preparation manufacturing | | | | |
| | All companies | 2 142 | 63 996 830 | 100.0 | X |
| | 4 largest companies | X | X | 38.8 | X |
| | 8 largest companies | X | X | 50.0 | X |
| | 20 largest companies | X | X | 65.8 | X |
| | 50 largest companies | X | X | 77.4 | 663.9 |
| 32561 | Soap and cleaning compound manufacturing | | | | |
| | All companies | 1 387 | 30 801 670 | 100.0 | X |
| | 4 largest companies | X | X | 44.6 | X |
| | 8 largest companies | X | X | 56.6 | X |
| | 20 largest companies | X | X | 70.0 | X |
| | 50 largest companies | X | X | 79.5 | 757.3 |
| 325611 | Soap and other detergent manufacturing | | | | |
| | All companies | 699 | 16 596 184 | 100.0 | X |
| | 4 largest companies | X | X | 60.6 | X |
| | 8 largest companies | X | X | 72.4 | X |
| | 20 largest companies | X | X | 81.2 | X |
| | 50 largest companies | X | X | 87.8 | 2 006.2 |
| 325612 | Polish and other sanitation good manufacturing | | | | |
| | All companies | 561 | 8 780 796 | 100.0 | X |
| | 4 largest companies | X | X | 59.5 | X |
| | 8 largest companies | X | X | 68.7 | X |
| | 20 largest companies | X | X | 77.1 | X |
| | 50 largest companies | X | X | 86.0 | 1 453.2 |
| 325613 | Surface active agent manufacturing | | | | |
| | All companies | 142 | 5 424 690 | 100.0 | X |
| | 4 largest companies | X | X | 53.4 | X |
| | 8 largest companies | X | X | 66.7 | X |
| | 20 largest companies | X | X | 82.9 | X |
| | 50 largest companies | X | X | 95.4 | 1 424.4 |
| 32562 | Toilet preparation manufacturing | | | | |
| | All companies | 765 | 33 195 160 | 100.0 | X |
| | 4 largest companies | X | X | 47.7 | X |
| | 8 largest companies | X | X | 61.5 | X |
| | 20 largest companies | X | X | 76.3 | X |
| | 50 largest companies | X | X | 87.0 | 806.5 |
| 325620 | Toilet preparation manufacturing | | | | |
| | All companies | 765 | 33 195 160 | 100.0 | X |
| | 4 largest companies | X | X | 47.7 | X |
| | 8 largest companies | X | X | 61.5 | X |
| | 20 largest companies | X | X | 76.3 | X |
| | 50 largest companies | X | X | 87.0 | 806.5 |
| 3259 | Other chemical product and preparation manufacturing | | | | |
| | All companies | 2 304 | 39 063 170 | 100.0 | X |
| | 4 largest companies | X | X | 30.4 | X |
| | 8 largest companies | X | X | 37.5 | X |
| | 20 largest companies | X | X | 47.9 | X |
| | 50 largest companies | X | X | 61.7 | 513.6 |
| 32591 | Printing ink manufacturing | | | | |
| | All companies | 229 | 4 369 801 | 100.0 | X |
| | 4 largest companies | X | X | 54.0 | X |
| | 8 largest companies | X | X | 64.0 | X |
| | 20 largest companies | X | X | 77.2 | X |
| | 50 largest companies | X | X | 89.7 | 1 177.4 |
| 325910 | Printing ink manufacturing | | | | |
| | All companies | 229 | 4 369 801 | 100.0 | X |
| | 4 largest companies | X | X | 54.0 | X |
| | 8 largest companies | X | X | 64.0 | X |
| | 20 largest companies | X | X | 77.2 | X |
| | 50 largest companies | X | X | 89.7 | 1 177.4 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 325 | Chemical manufacturing—Con. | | | | |
| 3259 | Other chemical product and preparation manufacturing—Con. | | | | |
| 32592 | Explosives manufacturing | | | | |
| | All companies | 57 | 1 027 797 | 100.0 | X |
| | 4 largest companies | X | X | 54.2 | X |
| | 8 largest companies | X | X | 77.8 | X |
| | 20 largest companies | X | X | 93.4 | X |
| | 50 largest companies | X | X | 99.9 | 991.3 |
| 325920 | Explosives manufacturing | | | | |
| | All companies | 57 | 1 027 797 | 100.0 | X |
| | 4 largest companies | X | X | 54.2 | X |
| | 8 largest companies | X | X | 77.8 | X |
| | 20 largest companies | X | X | 93.4 | X |
| | 50 largest companies | X | X | 99.9 | 991.3 |
| 32599 | All other chemical product and preparation manufacturing | | | | |
| | All companies | 2 028 | 33 665 572 | 100.0 | X |
| | 4 largest companies | X | X | 33.9 | X |
| | 8 largest companies | X | X | 40.7 | X |
| | 20 largest companies | X | X | 50.9 | X |
| | 50 largest companies | X | X | 65.1 | 671.8 |
| 325991 | Custom compounding of purchased resins | | | | |
| | All companies | 651 | 7 385 935 | 100.0 | X |
| | 4 largest companies | X | X | 23.5 | X |
| | 8 largest companies | X | X | 35.1 | X |
| | 20 largest companies | X | X | 55.8 | X |
| | 50 largest companies | X | X | 72.3 | 231.4 |
| 325992 | Photographic film, paper, plate, and chemical manufacturing | | | | |
| | All companies | 382 | 12 948 530 | 100.0 | X |
| | 4 largest companies | X | X | 78.9 | X |
| | 8 largest companies | X | X | 83.9 | X |
| | 20 largest companies | X | X | 90.6 | X |
| | 50 largest companies | X | X | 95.7 | D |
| 325998 | All other miscellaneous chemical product and preparation manufacturing | | | | |
| | All companies | 1 016 | 13 331 107 | 100.0 | X |
| | 4 largest companies | X | X | 20.8 | X |
| | 8 largest companies | X | X | 29.3 | X |
| | 20 largest companies | X | X | 44.4 | X |
| | 50 largest companies | X | X | 61.9 | 188.3 |
| 326 | Plastics and rubber products manufacturing | | | | |
| | All companies | 12 318 | 174 658 909 | 100.0 | X |
| | 4 largest companies | X | X | 7.6 | X |
| | 8 largest companies | X | X | 11.8 | X |
| | 20 largest companies | X | X | 20.8 | X |
| | 50 largest companies | X | X | 32.2 | 32.0 |
| 3261 | Plastics product manufacturing | | | | |
| | All companies | 10 489 | 141 893 790 | 100.0 | X |
| | 4 largest companies | X | X | 5.1 | X |
| | 8 largest companies | X | X | 9.4 | X |
| | 20 largest companies | X | X | 18.3 | X |
| | 50 largest companies | X | X | 29.9 | 22.6 |
| 32611 | Plastics packaging materials and unlaminated film and sheet manufacturing | | | | |
| | All companies | 1 281 | 28 112 288 | 100.0 | X |
| | 4 largest companies | X | X | 16.8 | X |
| | 8 largest companies | X | X | 27.5 | X |
| | 20 largest companies | X | X | 45.5 | X |
| | 50 largest companies | X | X | 61.8 | 141.7 |
| 326111 | Plastics bag manufacturing | | | | |
| | All companies | 375 | 7 337 433 | 100.0 | X |
| | 4 largest companies | X | X | 23.1 | X |
| | 8 largest companies | X | X | 36.4 | X |
| | 20 largest companies | X | X | 57.2 | X |
| | 50 largest companies | X | X | 77.7 | 239.8 |
| 326112 | Plastics packaging film and sheet (including laminated) manufacturing | | | | |
| | All companies | 212 | 6 463 106 | 100.0 | X |
| | 4 largest companies | X | X | 53.8 | X |
| | 8 largest companies | X | X | 62.0 | X |
| | 20 largest companies | X | X | 72.6 | X |
| | 50 largest companies | X | X | 84.9 | 862.8 |
| 326113 | Unlaminated plastics film and sheet (except packaging) manufacturing | | | | |
| | All companies | 744 | 14 311 749 | 100.0 | X |
| | 4 largest companies | X | X | 20.6 | X |
| | 8 largest companies | X | X | 33.3 | X |
| | 20 largest companies | X | X | 51.0 | X |
| | 50 largest companies | X | X | 68.0 | 191.8 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 326 | Plastics and rubber products manufacturing—Con. | | | | |
| 3261 | Plastics product manufacturing—Con. | | | | |
| 32612 | Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing | | | | |
| | All companies | 858 | 10 945 116 | 100.0 | X |
| | 4 largest companies | X | X | 19.4 | X |
| | 8 largest companies | X | X | 29.1 | X |
| | 20 largest companies | X | X | 46.7 | X |
| | 50 largest companies | X | X | 66.4 | 161.1 |
| 326121 | Unlaminated plastics profile shape manufacturing | | | | |
| | All companies | 555 | 5 493 752 | 100.0 | X |
| | 4 largest companies | X | X | 34.1 | X |
| | 8 largest companies | X | X | 44.7 | X |
| | 20 largest companies | X | X | 61.0 | X |
| | 50 largest companies | X | X | 75.5 | 376.4 |
| 326122 | Plastics pipe and pipe fitting manufacturing | | | | |
| | All companies | 310 | 5 451 364 | 100.0 | X |
| | 4 largest companies | X | X | 23.6 | X |
| | 8 largest companies | X | X | 36.5 | X |
| | 20 largest companies | X | X | 60.9 | X |
| | 50 largest companies | X | X | 79.9 | 262.2 |
| 32613 | Laminated plastics plate, sheet, (except packaging), and shape manufacturing | | | | |
| | All companies | 280 | 2 279 873 | 100.0 | X |
| | 4 largest companies | X | X | 40.1 | X |
| | 8 largest companies | X | X | 51.8 | X |
| | 20 largest companies | X | X | 70.1 | X |
| | 50 largest companies | X | X | 86.0 | 736.0 |
| 326130 | Laminated plastics plate, sheet, (except packaging), and shape manufacturing | | | | |
| | All companies | 280 | 2 279 873 | 100.0 | X |
| | 4 largest companies | X | X | 40.1 | X |
| | 8 largest companies | X | X | 51.8 | X |
| | 20 largest companies | X | X | 70.1 | X |
| | 50 largest companies | X | X | 86.0 | 736.0 |
| 32614 | Polystyrene foam product manufacturing | | | | |
| | All companies | 394 | 6 453 491 | 100.0 | X |
| | 4 largest companies | X | X | 42.9 | X |
| | 8 largest companies | X | X | 54.0 | X |
| | 20 largest companies | X | X | 69.9 | X |
| | 50 largest companies | X | X | 83.0 | 719.0 |
| 326140 | Polystyrene foam product manufacturing | | | | |
| | All companies | 394 | 6 453 491 | 100.0 | X |
| | 4 largest companies | X | X | 42.9 | X |
| | 8 largest companies | X | X | 54.0 | X |
| | 20 largest companies | X | X | 69.9 | X |
| | 50 largest companies | X | X | 83.0 | 719.0 |
| 32615 | Urethane and other foam product (except polystyrene) manufacturing | | | | |
| | All companies | 424 | 7 111 947 | 100.0 | X |
| | 4 largest companies | X | X | 35.6 | X |
| | 8 largest companies | X | X | 48.6 | X |
| | 20 largest companies | X | X | 65.1 | X |
| | 50 largest companies | X | X | 79.4 | 466.8 |
| 326150 | Urethane and other foam product (except polystyrene) manufacturing | | | | |
| | All companies | 424 | 7 111 947 | 100.0 | X |
| | 4 largest companies | X | X | 35.6 | X |
| | 8 largest companies | X | X | 48.6 | X |
| | 20 largest companies | X | X | 65.1 | X |
| | 50 largest companies | X | X | 79.4 | 466.8 |
| 32616 | Plastics bottle manufacturing | | | | |
| | All companies | 184 | 7 928 313 | 100.0 | X |
| | 4 largest companies | X | X | 42.3 | X |
| | 8 largest companies | X | X | 63.6 | X |
| | 20 largest companies | X | X | 83.0 | X |
| | 50 largest companies | X | X | 93.5 | 628.1 |
| 326160 | Plastics bottle manufacturing | | | | |
| | All companies | 184 | 7 928 313 | 100.0 | X |
| | 4 largest companies | X | X | 42.3 | X |
| | 8 largest companies | X | X | 63.6 | X |
| | 20 largest companies | X | X | 83.0 | X |
| | 50 largest companies | X | X | 93.5 | 628.1 |
| 32619 | Other plastics product manufacturing | | | | |
| | All companies | 7 312 | 79 062 762 | 100.0 | X |
| | 4 largest companies | X | X | 6.0 | X |
| | 8 largest companies | X | X | 10.3 | X |
| | 20 largest companies | X | X | 17.9 | X |
| | 50 largest companies | X | X | 29.2 | 23.3 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 326 | Plastics and rubber products manufacturing—Con. | | | | |
| 3261 | Plastics product manufacturing—Con. | | | | |
| 32619 | Other plastics product manufacturing—Con. | | | | |
| 326191 | Plastics plumbing fixture manufacturing | | | | |
| | All companies | 505 | 3 156 529 | 100.0 | X |
| | 4 largest companies | X | X | 37.4 | X |
| | 8 largest companies | X | X | 48.1 | X |
| | 20 largest companies | X | X | 59.6 | X |
| | 50 largest companies | X | X | 72.7 | 451.8 |
| 326192 | Resilient floor covering manufacturing | | | | |
| | All companies | 48 | 1 642 382 | 100.0 | X |
| | 4 largest companies | X | X | 84.6 | X |
| | 8 largest companies | X | X | 93.6 | X |
| | 20 largest companies | X | X | 98.5 | X |
| | 50 largest companies | X | X | 100.0 | D |
| 326199 | All other plastics product manufacturing | | | | |
| | All companies | 6 775 | 74 263 851 | 100.0 | X |
| | 4 largest companies | X | X | 6.3 | X |
| | 8 largest companies | X | X | 10.0 | X |
| | 20 largest companies | X | X | 17.8 | X |
| | 50 largest companies | X | X | 29.1 | 23.5 |
| 3262 | Rubber product manufacturing | | | | |
| | All companies | 1 907 | 32 765 119 | 100.0 | X |
| | 4 largest companies | X | X | 39.8 | X |
| | 8 largest companies | X | X | 49.3 | X |
| | 20 largest companies | X | X | 59.7 | X |
| | 50 largest companies | X | X | 70.9 | 487.8 |
| 32621 | Tire manufacturing | | | | |
| | All companies | 545 | 14 743 481 | 100.0 | X |
| | 4 largest companies | X | X | 72.7 | X |
| | 8 largest companies | X | X | 87.4 | X |
| | 20 largest companies | X | X | 92.4 | X |
| | 50 largest companies | X | X | 95.9 | 1 630.9 |
| 326211 | Tire manufacturing (except retreading) | | | | |
| | All companies | 112 | 13 478 983 | 100.0 | X |
| | 4 largest companies | X | X | 77.2 | X |
| | 8 largest companies | X | X | 92.7 | X |
| | 20 largest companies | X | X | 97.9 | X |
| | 50 largest companies | X | X | 99.7 | 1 806.6 |
| 326212 | Tire retreading | | | | |
| | All companies | 440 | 1 264 498 | 100.0 | X |
| | 4 largest companies | X | X | 34.1 | X |
| | 8 largest companies | X | X | 44.1 | X |
| | 20 largest companies | X | X | 58.8 | X |
| | 50 largest companies | X | X | 72.7 | 574.7 |
| 32622 | Rubber and plastics hoses and belting manufacturing | | | | |
| | All companies | 187 | 4 039 105 | 100.0 | X |
| | 4 largest companies | X | X | 44.3 | X |
| | 8 largest companies | X | X | 57.3 | X |
| | 20 largest companies | X | X | 77.9 | X |
| | 50 largest companies | X | X | 91.9 | 675.3 |
| 326220 | Rubber and plastics hoses and belting manufacturing | | | | |
| | All companies | 187 | 4 039 105 | 100.0 | X |
| | 4 largest companies | X | X | 44.3 | X |
| | 8 largest companies | X | X | 57.3 | X |
| | 20 largest companies | X | X | 77.9 | X |
| | 50 largest companies | X | X | 91.9 | 675.3 |
| 32629 | Other rubber product manufacturing | | | | |
| | All companies | 1 202 | 13 982 533 | 100.0 | X |
| | 4 largest companies | X | X | 13.9 | X |
| | 8 largest companies | X | X | 23.2 | X |
| | 20 largest companies | X | X | 40.4 | X |
| | 50 largest companies | X | X | 57.8 | 108.8 |
| 326291 | Rubber product manufacturing for mechanical use | | | | |
| | All companies | 494 | 7 298 545 | 100.0 | X |
| | 4 largest companies | X | X | 22.1 | X |
| | 8 largest companies | X | X | 34.1 | X |
| | 20 largest companies | X | X | 56.3 | X |
| | 50 largest companies | X | X | 76.4 | 232.4 |
| 326299 | All other rubber product manufacturing | | | | |
| | All companies | 729 | 6 683 988 | 100.0 | X |
| | 4 largest companies | X | X | 20.1 | X |
| | 8 largest companies | X | X | 30.0 | X |
| | 20 largest companies | X | X | 44.3 | X |
| | 50 largest companies | X | X | 60.5 | 161.8 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|---------------|--|------------------------|---|------------------------------------|--|
| 327 | Nonmetallic mineral product manufacturing | | | | |
| | All companies | 11 514 | 95 062 097 | 100.0 | X |
| | 4 largest companies | X | X | 7.0 | X |
| | 8 largest companies | X | X | 13.2 | X |
| | 20 largest companies | X | X | 27.2 | X |
| | 50 largest companies | X | X | 42.2 | 46.7 |
| 3271 | Clay product and refractory manufacturing | | | | |
| | All companies | 1 423 | 8 300 253 | 100.0 | X |
| | 4 largest companies | X | X | 15.8 | X |
| | 8 largest companies | X | X | 25.7 | X |
| | 20 largest companies | X | X | 45.9 | X |
| | 50 largest companies | X | X | 65.9 | 139.0 |
| 32711 | Pottery, ceramics, and plumbing fixture manufacturing | | | | |
| | All companies | 909 | 3 325 350 | 100.0 | X |
| | 4 largest companies | X | X | 26.8 | X |
| | 8 largest companies | X | X | 41.7 | X |
| | 20 largest companies | X | X | 62.2 | X |
| | 50 largest companies | X | X | 79.8 | 329.6 |
| 327111 | Vitreous china and earthenware plumbing fixture and accessories mfg | | | | |
| | All companies | 37 | 1 136 525 | 100.0 | X |
| | 4 largest companies | X | X | 73.0 | X |
| | 8 largest companies | X | X | 94.9 | X |
| | 20 largest companies | X | X | 99.7 | X |
| | 50 largest companies | X | X | 100.0 | 1 924.9 |
| 327112 | Vitreous china, fine earthenware, and other pottery product manufacturing | | | | |
| | All companies | 753 | 1 006 769 | 100.0 | X |
| | 4 largest companies | X | X | 31.0 | X |
| | 8 largest companies | X | X | 44.0 | X |
| | 20 largest companies | X | X | 60.8 | X |
| | 50 largest companies | X | X | 78.6 | 354.9 |
| 327113 | Porcelain electrical supply manufacturing | | | | |
| | All companies | 122 | 1 182 056 | 100.0 | X |
| | 4 largest companies | X | X | 36.8 | X |
| | 8 largest companies | X | X | 51.8 | X |
| | 20 largest companies | X | X | 76.7 | X |
| | 50 largest companies | X | X | 94.1 | 523.9 |
| 32712 | Clay building material and refractories manufacturing | | | | |
| | All companies | 520 | 4 974 903 | 100.0 | X |
| | 4 largest companies | X | X | 22.7 | X |
| | 8 largest companies | X | X | 36.2 | X |
| | 20 largest companies | X | X | 58.5 | X |
| | 50 largest companies | X | X | 75.5 | 232.5 |
| 327121 | Brick and structural clay tile manufacturing | | | | |
| | All companies | 106 | 1 848 490 | 100.0 | X |
| | 4 largest companies | X | X | 46.5 | X |
| | 8 largest companies | X | X | 62.3 | X |
| | 20 largest companies | X | X | 79.9 | X |
| | 50 largest companies | X | X | 96.1 | 667.5 |
| 327122 | Ceramic wall and floor tile manufacturing | | | | |
| | All companies | 188 | 978 394 | 100.0 | X |
| | 4 largest companies | X | X | 62.2 | X |
| | 8 largest companies | X | X | 79.7 | X |
| | 20 largest companies | X | X | 89.0 | X |
| | 50 largest companies | X | X | 94.6 | 1 519.3 |
| 327123 | Other structural clay product manufacturing | | | | |
| | All companies | 46 | 195 277 | 100.0 | X |
| | 4 largest companies | X | X | 45.7 | X |
| | 8 largest companies | X | X | 70.2 | X |
| | 20 largest companies | X | X | 94.9 | X |
| | 50 largest companies | X | X | 100.0 | 764.0 |
| 327124 | Clay refractory manufacturing | | | | |
| | All companies | 111 | 869 625 | 100.0 | X |
| | 4 largest companies | X | X | 40.5 | X |
| | 8 largest companies | X | X | 51.0 | X |
| | 20 largest companies | X | X | 70.2 | X |
| | 50 largest companies | X | X | 92.4 | 631.3 |
| 327125 | Nonclay refractory manufacturing | | | | |
| | All companies | 87 | 1 083 117 | 100.0 | X |
| | 4 largest companies | X | X | 45.9 | X |
| | 8 largest companies | X | X | 67.3 | X |
| | 20 largest companies | X | X | 86.1 | X |
| | 50 largest companies | X | X | 97.9 | 708.0 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|---------------|--|------------------------|---|------------------------------------|--|
| 327 | Nonmetallic mineral product manufacturing—Con. | | | | |
| 3272 | Glass and glass product manufacturing | | | | |
| | All companies | 1 960 | 22 434 247 | 100.0 | X |
| | 4 largest companies | X | X | 24.5 | X |
| | 8 largest companies | X | X | 40.1 | X |
| | 20 largest companies | X | X | 63.2 | X |
| | 50 largest companies | X | X | 81.5 | 278.0 |
| 32721 | Glass and glass product manufacturing | | | | |
| | All companies | 1 960 | 22 434 247 | 100.0 | X |
| | 4 largest companies | X | X | 24.5 | X |
| | 8 largest companies | X | X | 40.1 | X |
| | 20 largest companies | X | X | 63.2 | X |
| | 50 largest companies | X | X | 81.5 | 278.0 |
| 327211 | Flat glass manufacturing | | | | |
| | All companies | 13 | 2 750 510 | 100.0 | X |
| | 4 largest companies | X | X | 74.0 | X |
| | 8 largest companies | X | X | 99.1 | X |
| | 20 largest companies | X | X | 100.0 | 1 632.7 |
| | 50 largest companies | X | X | — | — |
| 327212 | Other pressed and blown glass and glassware manufacturing | | | | |
| | All companies | 479 | 4 725 931 | 100.0 | X |
| | 4 largest companies | X | X | 34.9 | X |
| | 8 largest companies | X | X | 59.9 | X |
| | 20 largest companies | X | X | 87.7 | X |
| | 50 largest companies | X | X | 94.4 | 551.5 |
| 327213 | Glass container manufacturing | | | | |
| | All companies | 22 | 4 359 939 | 100.0 | X |
| | 4 largest companies | X | X | 88.3 | X |
| | 8 largest companies | X | X | 96.1 | X |
| | 20 largest companies | X | X | D | X |
| | 50 largest companies | X | X | 100.0 | 2 582.1 |
| 327215 | Glass product manufacturing made of purchased glass | | | | |
| | All companies | 1 468 | 10 597 867 | 100.0 | X |
| | 4 largest companies | X | X | 22.7 | X |
| | 8 largest companies | X | X | 38.3 | X |
| | 20 largest companies | X | X | 60.6 | X |
| | 50 largest companies | X | X | 75.9 | 252.1 |
| 3273 | Cement and concrete product manufacturing | | | | |
| | All companies | 5 431 | 44 535 011 | 100.0 | X |
| | 4 largest companies | X | X | 11.9 | X |
| | 8 largest companies | X | X | 20.3 | X |
| | 20 largest companies | X | X | 32.0 | X |
| | 50 largest companies | X | X | 43.6 | 70.5 |
| 32731 | Cement manufacturing | | | | |
| | All companies | 131 | 7 407 574 | 100.0 | X |
| | 4 largest companies | X | X | 38.7 | X |
| | 8 largest companies | X | X | 59.7 | X |
| | 20 largest companies | X | X | 85.2 | X |
| | 50 largest companies | X | X | 97.4 | 568.5 |
| 327310 | Cement manufacturing | | | | |
| | All companies | 131 | 7 407 574 | 100.0 | X |
| | 4 largest companies | X | X | 38.7 | X |
| | 8 largest companies | X | X | 59.7 | X |
| | 20 largest companies | X | X | 85.2 | X |
| | 50 largest companies | X | X | 97.4 | 568.5 |
| 32732 | Ready-mix concrete manufacturing | | | | |
| | All companies | 2 614 | 21 619 989 | 100.0 | X |
| | 4 largest companies | X | X | 11.1 | X |
| | 8 largest companies | X | X | 17.1 | X |
| | 20 largest companies | X | X | 28.2 | X |
| | 50 largest companies | X | X | 42.2 | 63.1 |
| 327320 | Ready-mix concrete manufacturing | | | | |
| | All companies | 2 614 | 21 619 989 | 100.0 | X |
| | 4 largest companies | X | X | 11.1 | X |
| | 8 largest companies | X | X | 17.1 | X |
| | 20 largest companies | X | X | 28.2 | X |
| | 50 largest companies | X | X | 42.2 | 63.1 |
| 32733 | Concrete pipe, brick, and block manufacturing | | | | |
| | All companies | 837 | 6 688 411 | 100.0 | X |
| | 4 largest companies | X | X | 26.2 | X |
| | 8 largest companies | X | X | 33.3 | X |
| | 20 largest companies | X | X | 43.6 | X |
| | 50 largest companies | X | X | 56.4 | 213.3 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 327 | Nonmetallic mineral product manufacturing—Con. | | | | |
| 3273 | Cement and concrete product manufacturing—Con. | | | | |
| 32733 | Concrete pipe, brick, and block manufacturing—Con. | | | | |
| 327331 | Concrete block and brick manufacturing | | | | |
| | All companies | 635 | 4 105 946 | 100.0 | X |
| | 4 largest companies | X | X | 22.6 | X |
| | 8 largest companies | X | X | 29.7 | X |
| | 20 largest companies | X | X | 41.0 | X |
| | 50 largest companies | X | X | 56.3 | 194.8 |
| 327332 | Concrete pipe manufacturing | | | | |
| | All companies | 214 | 2 582 465 | 100.0 | X |
| | 4 largest companies | X | X | 40.2 | X |
| | 8 largest companies | X | X | 50.3 | X |
| | 20 largest companies | X | X | 66.2 | X |
| | 50 largest companies | X | X | 81.0 | 577.7 |
| 32739 | Other concrete product manufacturing | | | | |
| | All companies | 1 996 | 8 819 037 | 100.0 | X |
| | 4 largest companies | X | X | 15.4 | X |
| | 8 largest companies | X | X | 22.5 | X |
| | 20 largest companies | X | X | 34.0 | X |
| | 50 largest companies | X | X | 47.6 | 96.9 |
| 327390 | Other concrete product manufacturing | | | | |
| | All companies | 1 996 | 8 819 037 | 100.0 | X |
| | 4 largest companies | X | X | 15.4 | X |
| | 8 largest companies | X | X | 22.5 | X |
| | 20 largest companies | X | X | 34.0 | X |
| | 50 largest companies | X | X | 47.6 | 96.9 |
| 3274 | Lime and gypsum product manufacturing | | | | |
| | All companies | 260 | 5 070 045 | 100.0 | X |
| | 4 largest companies | X | X | 56.8 | X |
| | 8 largest companies | X | X | 71.0 | X |
| | 20 largest companies | X | X | 88.6 | X |
| | 50 largest companies | X | X | 95.2 | 1 036.7 |
| 32741 | Lime manufacturing | | | | |
| | All companies | 41 | 1 015 520 | 100.0 | X |
| | 4 largest companies | X | X | 66.3 | X |
| | 8 largest companies | X | X | 81.0 | X |
| | 20 largest companies | X | X | 96.2 | X |
| | 50 largest companies | X | X | 100.0 | 1 264.5 |
| 327410 | Lime manufacturing | | | | |
| | All companies | 41 | 1 015 520 | 100.0 | X |
| | 4 largest companies | X | X | 66.3 | X |
| | 8 largest companies | X | X | 81.0 | X |
| | 20 largest companies | X | X | 96.2 | X |
| | 50 largest companies | X | X | 100.0 | 1 264.5 |
| 32742 | Gypsum product manufacturing | | | | |
| | All companies | 219 | 4 054 525 | 100.0 | X |
| | 4 largest companies | X | X | 71.0 | X |
| | 8 largest companies | X | X | 84.4 | X |
| | 20 largest companies | X | X | 93.5 | X |
| | 50 largest companies | X | X | 96.7 | 1 541.9 |
| 327420 | Gypsum product manufacturing | | | | |
| | All companies | 219 | 4 054 525 | 100.0 | X |
| | 4 largest companies | X | X | 71.0 | X |
| | 8 largest companies | X | X | 84.4 | X |
| | 20 largest companies | X | X | 93.5 | X |
| | 50 largest companies | X | X | 96.7 | 1 541.9 |
| 3279 | Other nonmetallic mineral product manufacturing | | | | |
| | All companies | 2 550 | 14 722 541 | 100.0 | X |
| | 4 largest companies | X | X | 28.5 | X |
| | 8 largest companies | X | X | 39.2 | X |
| | 20 largest companies | X | X | 50.4 | X |
| | 50 largest companies | X | X | 60.6 | 250.2 |
| 32791 | Abrasive product manufacturing | | | | |
| | All companies | 312 | 3 577 578 | 100.0 | X |
| | 4 largest companies | X | X | 53.3 | X |
| | 8 largest companies | X | X | 60.3 | X |
| | 20 largest companies | X | X | 72.3 | X |
| | 50 largest companies | X | X | 83.9 | 1 245.4 |
| 327910 | Abrasive product manufacturing | | | | |
| | All companies | 312 | 3 577 578 | 100.0 | X |
| | 4 largest companies | X | X | 53.3 | X |
| | 8 largest companies | X | X | 60.3 | X |
| | 20 largest companies | X | X | 72.3 | X |
| | 50 largest companies | X | X | 83.9 | 1 245.4 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 327 | Nonmetallic mineral product manufacturing—Con. | | | | |
| 3279 | Other nonmetallic mineral product manufacturing—Con. | | | | |
| 32799 | All other nonmetallic mineral product manufacturing | | | | |
| | All companies | 2 245 | 11 144 963 | 100.0 | X |
| | 4 largest companies | X | X | 27.1 | X |
| | 8 largest companies | X | X | 39.6 | X |
| | 20 largest companies | X | X | 51.1 | X |
| | 50 largest companies | X | X | 61.9 | 263.7 |
| 327991 | Cut stone and stone product manufacturing | | | | |
| | All companies | 1 521 | 2 236 759 | 100.0 | X |
| | 4 largest companies | X | X | 10.3 | X |
| | 8 largest companies | X | X | 13.6 | X |
| | 20 largest companies | X | X | 21.3 | X |
| | 50 largest companies | X | X | 33.3 | 59.4 |
| 327992 | Ground or treated mineral and earth manufacturing | | | | |
| | All companies | 185 | 2 044 083 | 100.0 | X |
| | 4 largest companies | X | X | 44.5 | X |
| | 8 largest companies | X | X | 54.9 | X |
| | 20 largest companies | X | X | 71.5 | X |
| | 50 largest companies | X | X | 88.3 | 725.9 |
| 327993 | Mineral wool manufacturing | | | | |
| | All companies | 197 | 4 936 657 | 100.0 | X |
| | 4 largest companies | X | X | 59.5 | X |
| | 8 largest companies | X | X | 74.4 | X |
| | 20 largest companies | X | X | 86.9 | X |
| | 50 largest companies | X | X | 94.9 | 1 092.6 |
| 327999 | All other miscellaneous nonmetallic mineral product manufacturing | | | | |
| | All companies | 357 | 1 927 464 | 100.0 | X |
| | 4 largest companies | X | X | 29.7 | X |
| | 8 largest companies | X | X | 39.4 | X |
| | 20 largest companies | X | X | 57.9 | X |
| | 50 largest companies | X | X | 74.9 | 467.3 |
| 331 | Primary metal manufacturing | | | | |
| | All companies | 4 150 | 139 420 726 | 100.0 | X |
| | 4 largest companies | X | X | 20.0 | X |
| | 8 largest companies | X | X | 29.1 | X |
| | 20 largest companies | X | X | 39.6 | X |
| | 50 largest companies | X | X | 55.3 | 149.6 |
| 3311 | Iron and steel mills and ferroalloy manufacturing | | | | |
| | All companies | 302 | 47 848 579 | 100.0 | X |
| | 4 largest companies | X | X | 43.7 | X |
| | 8 largest companies | X | X | 57.5 | X |
| | 20 largest companies | X | X | 76.4 | X |
| | 50 largest companies | X | X | 92.0 | 635.1 |
| 33111 | Iron and steel mills and ferroalloy manufacturing | | | | |
| | All companies | 302 | 47 848 579 | 100.0 | X |
| | 4 largest companies | X | X | 43.7 | X |
| | 8 largest companies | X | X | 57.5 | X |
| | 20 largest companies | X | X | 76.4 | X |
| | 50 largest companies | X | X | 92.0 | 635.1 |
| 331111 | Iron and steel mills | | | | |
| | All companies | 285 | 47 035 279 | 100.0 | X |
| | 4 largest companies | X | X | 44.4 | X |
| | 8 largest companies | X | X | 58.5 | X |
| | 20 largest companies | X | X | 77.7 | X |
| | 50 largest companies | X | X | 93.0 | 656.7 |
| 331112 | Electrometallurgical ferroalloy product manufacturing | | | | |
| | All companies | 19 | 813 300 | 100.0 | X |
| | 4 largest companies | X | X | 75.4 | X |
| | 8 largest companies | X | X | 92.3 | X |
| | 20 largest companies | X | X | 100.0 | 2 195.9 |
| | 50 largest companies | X | X | — | — |
| 3312 | Steel product manufacturing from purchased steel | | | | |
| | All companies | 512 | 14 668 938 | 100.0 | X |
| | 4 largest companies | X | X | 14.3 | X |
| | 8 largest companies | X | X | 24.3 | X |
| | 20 largest companies | X | X | 41.7 | X |
| | 50 largest companies | X | X | 62.4 | 121.0 |
| 33121 | Iron and steel pipe and tube manufacturing from purchased steel | | | | |
| | All companies | 133 | 6 113 542 | 100.0 | X |
| | 4 largest companies | X | X | 25.9 | X |
| | 8 largest companies | X | X | 39.2 | X |
| | 20 largest companies | X | X | 61.4 | X |
| | 50 largest companies | X | X | 86.3 | 278.6 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 331 | Primary metal manufacturing—Con. | | | | |
| 3312 | Steel product manufacturing from purchased steel—Con. | | | | |
| 33121 | Iron and steel pipe and tube manufacturing from purchased steel—Con. | | | | |
| 331210 | Iron and steel pipe and tube manufacturing from purchased steel | | | | |
| | All companies | 133 | 6 113 542 | 100.0 | X |
| | 4 largest companies | X | X | 25.9 | X |
| | 8 largest companies | X | X | 39.2 | X |
| | 20 largest companies | X | X | 61.4 | X |
| | 50 largest companies | X | X | 86.3 | 278.6 |
| 33122 | Rolling and drawing of purchased steel | | | | |
| | All companies | 383 | 8 555 396 | 100.0 | X |
| | 4 largest companies | X | X | 21.3 | X |
| | 8 largest companies | X | X | 32.5 | X |
| | 20 largest companies | X | X | 52.4 | X |
| | 50 largest companies | X | X | 74.7 | 209.3 |
| 331221 | Rolled steel shape manufacturing | | | | |
| | All companies | 121 | 4 577 315 | 100.0 | X |
| | 4 largest companies | X | X | 34.4 | X |
| | 8 largest companies | X | X | 50.6 | X |
| | 20 largest companies | X | X | 73.4 | X |
| | 50 largest companies | X | X | 92.8 | 490.5 |
| 331222 | Steel wire drawing | | | | |
| | All companies | 270 | 3 978 081 | 100.0 | X |
| | 4 largest companies | X | X | 29.9 | X |
| | 8 largest companies | X | X | 41.8 | X |
| | 20 largest companies | X | X | 60.8 | X |
| | 50 largest companies | X | X | 84.6 | 325.6 |
| 3313 | Alumina and aluminum production and processing | | | | |
| | All companies | 435 | 28 273 349 | 100.0 | X |
| | 4 largest companies | X | X | 50.9 | X |
| | 8 largest companies | X | X | 61.3 | X |
| | 20 largest companies | X | X | 76.5 | X |
| | 50 largest companies | X | X | 86.9 | 1 185.4 |
| 33131 | Alumina and aluminum production and processing | | | | |
| | All companies | 435 | 28 273 349 | 100.0 | X |
| | 4 largest companies | X | X | 50.9 | X |
| | 8 largest companies | X | X | 61.3 | X |
| | 20 largest companies | X | X | 76.5 | X |
| | 50 largest companies | X | X | 86.9 | 1 185.4 |
| 331311 | Alumina refining | | | | |
| | All companies | 8 | 830 110 | 100.0 | X |
| | 4 largest companies | X | X | 97.4 | X |
| | 8 largest companies | X | X | 100.0 | D |
| | 20 largest companies | X | X | — | — |
| | 50 largest companies | X | X | — | — |
| 331312 | Primary aluminum production | | | | |
| | All companies | 26 | 4 748 435 | 100.0 | X |
| | 4 largest companies | X | X | 85.3 | X |
| | 8 largest companies | X | X | 97.9 | X |
| | 20 largest companies | X | X | 99.9 | X |
| | 50 largest companies | X | X | 100.0 | D |
| 331314 | Secondary smelting and alloying of aluminum | | | | |
| | All companies | 124 | 3 657 943 | 100.0 | X |
| | 4 largest companies | X | X | 45.2 | X |
| | 8 largest companies | X | X | 57.6 | X |
| | 20 largest companies | X | X | 79.1 | X |
| | 50 largest companies | X | X | 96.0 | 693.9 |
| 331315 | Aluminum sheet, plate, and foil manufacturing | | | | |
| | All companies | 79 | 12 009 684 | 100.0 | X |
| | 4 largest companies | X | X | 70.8 | X |
| | 8 largest companies | X | X | 86.8 | X |
| | 20 largest companies | X | X | 97.3 | X |
| | 50 largest companies | X | X | 99.7 | 1 856.1 |
| 331316 | Aluminum extruded product manufacturing | | | | |
| | All companies | 134 | 5 753 639 | 100.0 | X |
| | 4 largest companies | X | X | 44.6 | X |
| | 8 largest companies | X | X | 58.8 | X |
| | 20 largest companies | X | X | 75.2 | X |
| | 50 largest companies | X | X | 91.8 | 845.5 |
| 331319 | Other aluminum rolling and drawing | | | | |
| | All companies | 88 | 1 273 538 | 100.0 | X |
| | 4 largest companies | X | X | 43.2 | X |
| | 8 largest companies | X | X | 60.1 | X |
| | 20 largest companies | X | X | 85.3 | X |
| | 50 largest companies | X | X | 97.7 | 622.5 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 331 | Primary metal manufacturing—Con. | | | | |
| 3314 | Nonferrous metal (except aluminum) production and processing | | | | |
| | All companies | 819 | 22 064 424 | 100.0 | X |
| | 4 largest companies | X | X | 21.1 | X |
| | 8 largest companies | X | X | 34.8 | X |
| | 20 largest companies | X | X | 53.9 | X |
| | 50 largest companies | X | X | 72.2 | 213.4 |
| 33141 | Nonferrous metal (except aluminum) smelting and refining | | | | |
| | All companies | 164 | 4 958 460 | 100.0 | X |
| | 4 largest companies | X | X | 57.8 | X |
| | 8 largest companies | X | X | 69.8 | X |
| | 20 largest companies | X | X | 86.3 | X |
| | 50 largest companies | X | X | 97.1 | 1 064.3 |
| 331411 | Primary smelting and refining of copper | | | | |
| | All companies | 10 | 2 615 052 | 100.0 | X |
| | 4 largest companies | X | X | 99.2 | X |
| | 8 largest companies | X | X | 100.0 | X |
| | 20 largest companies | X | X | 100.0 | D |
| | 50 largest companies | X | X | — | — |
| 331419 | Primary smelting and refining of nonferrous metal (except copper and aluminum) | | | | |
| | All companies | 155 | 2 343 408 | 100.0 | X |
| | 4 largest companies | X | X | 31.9 | X |
| | 8 largest companies | X | X | 49.5 | X |
| | 20 largest companies | X | X | 76.6 | X |
| | 50 largest companies | X | X | 95.3 | 437.0 |
| 33142 | Copper rolling, drawing, extruding, and alloying | | | | |
| | All companies | 193 | 10 216 754 | 100.0 | X |
| | 4 largest companies | X | X | 35.3 | X |
| | 8 largest companies | X | X | 56.8 | X |
| | 20 largest companies | X | X | 78.2 | X |
| | 50 largest companies | X | X | 92.3 | 495.1 |
| 331421 | Copper rolling, drawing, and extruding | | | | |
| | All companies | 92 | 6 304 396 | 100.0 | X |
| | 4 largest companies | X | X | 45.1 | X |
| | 8 largest companies | X | X | 74.0 | X |
| | 20 largest companies | X | X | 92.1 | X |
| | 50 largest companies | X | X | 99.4 | 765.8 |
| 331422 | Copper wire (except mechanical) drawing | | | | |
| | All companies | 80 | 3 301 420 | 100.0 | X |
| | 4 largest companies | X | X | 45.5 | X |
| | 8 largest companies | X | X | 67.6 | X |
| | 20 largest companies | X | X | 86.1 | X |
| | 50 largest companies | X | X | 98.7 | 718.3 |
| 331423 | Secondary smelting, refining, and alloying of copper | | | | |
| | All companies | 30 | 610 938 | 100.0 | X |
| | 4 largest companies | X | X | 55.0 | X |
| | 8 largest companies | X | X | 75.6 | X |
| | 20 largest companies | X | X | 97.9 | X |
| | 50 largest companies | X | X | 100.0 | 1 061.0 |
| 33149 | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying | | | | |
| | All companies | 489 | 6 889 210 | 100.0 | X |
| | 4 largest companies | X | X | 24.4 | X |
| | 8 largest companies | X | X | 34.4 | X |
| | 20 largest companies | X | X | 51.8 | X |
| | 50 largest companies | X | X | 73.2 | 261.9 |
| 331491 | Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding | | | | |
| | All companies | 288 | 4 183 733 | 100.0 | X |
| | 4 largest companies | X | X | 38.7 | X |
| | 8 largest companies | X | X | 49.8 | X |
| | 20 largest companies | X | X | 68.7 | X |
| | 50 largest companies | X | X | 87.7 | 557.4 |
| 331492 | Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) | | | | |
| | All companies | 213 | 2 705 477 | 100.0 | X |
| | 4 largest companies | X | X | 23.8 | X |
| | 8 largest companies | X | X | 36.3 | X |
| | 20 largest companies | X | X | 58.7 | X |
| | 50 largest companies | X | X | 83.6 | 247.5 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|---------------|---|------------------------|---|------------------------------------|--|
| 331 | Primary metal manufacturing—Con. | | | | |
| 3315 | Foundries | | | | |
| | All companies | 2 203 | 26 565 436 | 100.0 | X |
| | 4 largest companies | X | X | 15.2 | X |
| | 8 largest companies | X | X | 24.7 | X |
| | 20 largest companies | X | X | 40.7 | X |
| | 50 largest companies | X | X | 56.5 | 118.2 |
| 33151 | Ferrous metal foundries | | | | |
| | All companies | 872 | 15 015 893 | 100.0 | X |
| | 4 largest companies | X | X | 22.1 | X |
| | 8 largest companies | X | X | 34.7 | X |
| | 20 largest companies | X | X | 56.0 | X |
| | 50 largest companies | X | X | 71.7 | 220.4 |
| 331511 | Iron foundries | | | | |
| | All companies | 531 | 10 305 694 | 100.0 | X |
| | 4 largest companies | X | X | 29.2 | X |
| | 8 largest companies | X | X | 45.0 | X |
| | 20 largest companies | X | X | 66.2 | X |
| | 50 largest companies | X | X | 80.8 | 350.1 |
| 331512 | Steel investment foundries | | | | |
| | All companies | 130 | 2 093 556 | 100.0 | X |
| | 4 largest companies | X | X | 59.2 | X |
| | 8 largest companies | X | X | 67.8 | X |
| | 20 largest companies | X | X | 78.4 | X |
| | 50 largest companies | X | X | 90.6 | 1 662.0 |
| 331513 | Steel foundries (except investment) | | | | |
| | All companies | 229 | 2 616 643 | 100.0 | X |
| | 4 largest companies | X | X | 34.7 | X |
| | 8 largest companies | X | X | 47.5 | X |
| | 20 largest companies | X | X | 70.3 | X |
| | 50 largest companies | X | X | 88.0 | 488.1 |
| 33152 | Nonferrous metal foundries | | | | |
| | All companies | 1 360 | 11 549 543 | 100.0 | X |
| | 4 largest companies | X | X | 15.1 | X |
| | 8 largest companies | X | X | 24.6 | X |
| | 20 largest companies | X | X | 41.9 | X |
| | 50 largest companies | X | X | 58.2 | 115.9 |
| 331521 | Aluminum die-casting foundries | | | | |
| | All companies | 255 | 4 398 948 | 100.0 | X |
| | 4 largest companies | X | X | 29.6 | X |
| | 8 largest companies | X | X | 45.8 | X |
| | 20 largest companies | X | X | 66.1 | X |
| | 50 largest companies | X | X | 81.4 | 344.8 |
| 331522 | Nonferrous (except aluminum) die-casting foundries | | | | |
| | All companies | 219 | 1 991 723 | 100.0 | X |
| | 4 largest companies | X | X | 24.3 | X |
| | 8 largest companies | X | X | 37.2 | X |
| | 20 largest companies | X | X | 60.5 | X |
| | 50 largest companies | X | X | 83.4 | 265.9 |
| 331524 | Aluminum foundries (except die-casting) | | | | |
| | All companies | 505 | 3 752 414 | 100.0 | X |
| | 4 largest companies | X | X | 25.0 | X |
| | 8 largest companies | X | X | 40.5 | X |
| | 20 largest companies | X | X | 60.1 | X |
| | 50 largest companies | X | X | 76.5 | 267.4 |
| 331525 | Copper foundries (except die-casting) | | | | |
| | All companies | 278 | 709 787 | 100.0 | X |
| | 4 largest companies | X | X | 13.2 | X |
| | 8 largest companies | X | X | 21.1 | X |
| | 20 largest companies | X | X | 38.2 | X |
| | 50 largest companies | X | X | 64.3 | 109.4 |
| 331528 | Other nonferrous foundries (except die-casting) | | | | |
| | All companies | 139 | 696 671 | 100.0 | X |
| | 4 largest companies | X | X | 56.9 | X |
| | 8 largest companies | X | X | 65.5 | X |
| | 20 largest companies | X | X | 77.7 | X |
| | 50 largest companies | X | X | 91.6 | 1 434.7 |
| 332 | Fabricated metal product manufacturing | | | | |
| | All companies | 58 008 | 246 993 376 | 100.0 | X |
| | 4 largest companies | X | X | 3.7 | X |
| | 8 largest companies | X | X | 6.5 | X |
| | 20 largest companies | X | X | 12.2 | X |
| | 50 largest companies | X | X | 19.7 | 10.2 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 332 | Fabricated metal product manufacturing—Con. | | | | |
| 3321 | Forging and stamping | | | | |
| | All companies | 2 623 | 21 354 820 | 100.0 | X |
| | 4 largest companies | X | X | 8.5 | X |
| | 8 largest companies | X | X | 13.3 | X |
| | 20 largest companies | X | X | 22.2 | X |
| | 50 largest companies | X | X | 33.9 | 36.0 |
| 33211 | Forging and stamping | | | | |
| | All companies | 2 623 | 21 354 820 | 100.0 | X |
| | 4 largest companies | X | X | 8.5 | X |
| | 8 largest companies | X | X | 13.3 | X |
| | 20 largest companies | X | X | 22.2 | X |
| | 50 largest companies | X | X | 33.9 | 36.0 |
| 332111 | Iron and steel forging | | | | |
| | All companies | 343 | 4 398 931 | 100.0 | X |
| | 4 largest companies | X | X | 20.3 | X |
| | 8 largest companies | X | X | 30.4 | X |
| | 20 largest companies | X | X | 49.3 | X |
| | 50 largest companies | X | X | 72.1 | 184.1 |
| 332112 | Nonferrous forging | | | | |
| | All companies | 64 | 1 748 081 | 100.0 | X |
| | 4 largest companies | X | X | 41.6 | X |
| | 8 largest companies | X | X | 58.6 | X |
| | 20 largest companies | X | X | 86.7 | X |
| | 50 largest companies | X | X | 99.6 | 795.2 |
| 332114 | Custom roll forming | | | | |
| | All companies | 371 | 4 099 807 | 100.0 | X |
| | 4 largest companies | X | X | 30.3 | X |
| | 8 largest companies | X | X | 39.6 | X |
| | 20 largest companies | X | X | 55.7 | X |
| | 50 largest companies | X | X | 73.4 | 376.9 |
| 332115 | Crown and closure manufacturing | | | | |
| | All companies | 54 | 907 968 | 100.0 | X |
| | 4 largest companies | X | X | 71.5 | X |
| | 8 largest companies | X | X | 85.6 | X |
| | 20 largest companies | X | X | 95.2 | X |
| | 50 largest companies | X | X | 99.9 | 1 577.8 |
| 332116 | Metal stamping | | | | |
| | All companies | 1 694 | 8 941 526 | 100.0 | X |
| | 4 largest companies | X | X | 7.8 | X |
| | 8 largest companies | X | X | 11.7 | X |
| | 20 largest companies | X | X | 19.8 | X |
| | 50 largest companies | X | X | 32.3 | 31.2 |
| 332117 | Powder metallurgy part manufacturing | | | | |
| | All companies | 119 | 1 258 507 | 100.0 | X |
| | 4 largest companies | X | X | 35.9 | X |
| | 8 largest companies | X | X | 50.5 | X |
| | 20 largest companies | X | X | 74.9 | X |
| | 50 largest companies | X | X | 93.7 | 528.7 |
| 3322 | Cutlery and handtool manufacturing | | | | |
| | All companies | 1 397 | 11 051 011 | 100.0 | X |
| | 4 largest companies | X | X | 20.0 | X |
| | 8 largest companies | X | X | 31.1 | X |
| | 20 largest companies | X | X | 47.1 | X |
| | 50 largest companies | X | X | 65.8 | 174.3 |
| 33221 | Cutlery and handtool manufacturing | | | | |
| | All companies | 1 397 | 11 051 011 | 100.0 | X |
| | 4 largest companies | X | X | 20.0 | X |
| | 8 largest companies | X | X | 31.1 | X |
| | 20 largest companies | X | X | 47.1 | X |
| | 50 largest companies | X | X | 65.8 | 174.3 |
| 332211 | Cutlery and flatware (except precious) manufacturing | | | | |
| | All companies | 126 | 1 768 341 | 100.0 | X |
| | 4 largest companies | X | X | 70.2 | X |
| | 8 largest companies | X | X | 82.4 | X |
| | 20 largest companies | X | X | 93.3 | X |
| | 50 largest companies | X | X | 98.5 | 1 946.1 |
| 332212 | Hand and edge tool manufacturing | | | | |
| | All companies | 1 077 | 6 417 265 | 100.0 | X |
| | 4 largest companies | X | X | 21.7 | X |
| | 8 largest companies | X | X | 32.4 | X |
| | 20 largest companies | X | X | 48.4 | X |
| | 50 largest companies | X | X | 67.2 | 186.6 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 332 | Fabricated metal product manufacturing—Con. | | | | |
| 3322 | Cutlery and handtool manufacturing—Con. | | | | |
| 33221 | Cutlery and handtool manufacturing—Con. | | | | |
| 332213 | Saw blade and handsaw manufacturing | | | | |
| | All companies | 139 | 1 331 892 | 100.0 | X |
| | 4 largest companies | X | X | 48.1 | X |
| | 8 largest companies | X | X | 63.8 | X |
| | 20 largest companies | X | X | 86.3 | X |
| | 50 largest companies | X | X | 95.2 | 1 012.6 |
| 332214 | Kitchen utensil, pot, and pan manufacturing | | | | |
| | All companies | 69 | 1 533 513 | 100.0 | X |
| | 4 largest companies | X | X | 55.8 | X |
| | 8 largest companies | X | X | 75.9 | X |
| | 20 largest companies | X | X | 92.5 | X |
| | 50 largest companies | X | X | 99.6 | 1 391.8 |
| 3323 | Architectural and structural metals manufacturing | | | | |
| | All companies | 12 740 | 60 019 666 | 100.0 | X |
| | 4 largest companies | X | X | 4.4 | X |
| | 8 largest companies | X | X | 7.5 | X |
| | 20 largest companies | X | X | 14.0 | X |
| | 50 largest companies | X | X | 23.5 | 14.1 |
| 33231 | Plate work and fabricated structural product manufacturing | | | | |
| | All companies | 5 236 | 28 137 797 | 100.0 | X |
| | 4 largest companies | X | X | 8.0 | X |
| | 8 largest companies | X | X | 12.1 | X |
| | 20 largest companies | X | X | 20.9 | X |
| | 50 largest companies | X | X | 31.7 | 32.1 |
| 332311 | Prefabricated metal building and component manufacturing | | | | |
| | All companies | 678 | 5 154 699 | 100.0 | X |
| | 4 largest companies | X | X | 27.8 | X |
| | 8 largest companies | X | X | 37.3 | X |
| | 20 largest companies | X | X | 52.9 | X |
| | 50 largest companies | X | X | 68.7 | 322.4 |
| 332312 | Fabricated structural metal manufacturing | | | | |
| | All companies | 3 569 | 19 772 142 | 100.0 | X |
| | 4 largest companies | X | X | 8.9 | X |
| | 8 largest companies | X | X | 14.0 | X |
| | 20 largest companies | X | X | 23.6 | X |
| | 50 largest companies | X | X | 35.4 | 39.8 |
| 332313 | Plate work manufacturing | | | | |
| | All companies | 1 010 | 3 210 956 | 100.0 | X |
| | 4 largest companies | X | X | 12.3 | X |
| | 8 largest companies | X | X | 18.9 | X |
| | 20 largest companies | X | X | 31.6 | X |
| | 50 largest companies | X | X | 46.0 | 72.1 |
| 33232 | Ornamental and architectural metal products manufacturing | | | | |
| | All companies | 7 555 | 31 881 869 | 100.0 | X |
| | 4 largest companies | X | X | 6.4 | X |
| | 8 largest companies | X | X | 10.3 | X |
| | 20 largest companies | X | X | 18.7 | X |
| | 50 largest companies | X | X | 29.8 | 24.6 |
| 332321 | Metal window and door manufacturing | | | | |
| | All companies | 1 158 | 11 213 520 | 100.0 | X |
| | 4 largest companies | X | X | 14.4 | X |
| | 8 largest companies | X | X | 24.0 | X |
| | 20 largest companies | X | X | 40.3 | X |
| | 50 largest companies | X | X | 60.2 | 113.9 |
| 332322 | Sheet metal work manufacturing | | | | |
| | All companies | 4 139 | 15 310 853 | 100.0 | X |
| | 4 largest companies | X | X | 6.1 | X |
| | 8 largest companies | X | X | 10.6 | X |
| | 20 largest companies | X | X | 18.6 | X |
| | 50 largest companies | X | X | 30.3 | 24.6 |
| 332323 | Ornamental and architectural metal work manufacturing | | | | |
| | All companies | 2 290 | 5 357 496 | 100.0 | X |
| | 4 largest companies | X | X | 14.9 | X |
| | 8 largest companies | X | X | 20.0 | X |
| | 20 largest companies | X | X | 28.7 | X |
| | 50 largest companies | X | X | 40.9 | 84.0 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 332 | Fabricated metal product manufacturing—Con. | | | | |
| 3324 | Boiler, tank, and shipping container manufacturing | | | | |
| | All companies | 1 319 | 22 983 749 | 100.0 | X |
| | 4 largest companies | X | X | 35.5 | X |
| | 8 largest companies | X | X | 47.6 | X |
| | 20 largest companies | X | X | 58.9 | X |
| | 50 largest companies | X | X | 69.4 | 393.3 |
| 33241 | Power boiler and heat exchanger manufacturing | | | | |
| | All companies | 293 | 3 579 486 | 100.0 | X |
| | 4 largest companies | X | X | 24.2 | X |
| | 8 largest companies | X | X | 35.0 | X |
| | 20 largest companies | X | X | 52.3 | X |
| | 50 largest companies | X | X | 73.4 | 233.1 |
| 332410 | Power boiler and heat exchanger manufacturing | | | | |
| | All companies | 293 | 3 579 486 | 100.0 | X |
| | 4 largest companies | X | X | 24.2 | X |
| | 8 largest companies | X | X | 35.0 | X |
| | 20 largest companies | X | X | 52.3 | X |
| | 50 largest companies | X | X | 73.4 | 233.1 |
| 33242 | Metal tank (heavy gauge) manufacturing | | | | |
| | All companies | 593 | 4 711 618 | 100.0 | X |
| | 4 largest companies | X | X | 17.6 | X |
| | 8 largest companies | X | X | 27.8 | X |
| | 20 largest companies | X | X | 43.3 | X |
| | 50 largest companies | X | X | 60.0 | 135.8 |
| 332420 | Metal tank (heavy gauge) manufacturing | | | | |
| | All companies | 593 | 4 711 618 | 100.0 | X |
| | 4 largest companies | X | X | 17.6 | X |
| | 8 largest companies | X | X | 27.8 | X |
| | 20 largest companies | X | X | 43.3 | X |
| | 50 largest companies | X | X | 60.0 | 135.8 |
| 33243 | Metal can, box, and other metal container (light gauge) manufacturing | | | | |
| | All companies | 448 | 14 692 645 | 100.0 | X |
| | 4 largest companies | X | X | 55.5 | X |
| | 8 largest companies | X | X | 74.5 | X |
| | 20 largest companies | X | X | 83.9 | X |
| | 50 largest companies | X | X | 91.7 | 938.3 |
| 332431 | Metal can manufacturing | | | | |
| | All companies | 82 | 11 485 940 | 100.0 | X |
| | 4 largest companies | X | X | 70.8 | X |
| | 8 largest companies | X | X | 92.6 | X |
| | 20 largest companies | X | X | 97.9 | X |
| | 50 largest companies | X | X | 99.8 | 1 497.3 |
| 332439 | Other metal container manufacturing | | | | |
| | All companies | 372 | 3 206 705 | 100.0 | X |
| | 4 largest companies | X | X | 29.9 | X |
| | 8 largest companies | X | X | 39.6 | X |
| | 20 largest companies | X | X | 59.2 | X |
| | 50 largest companies | X | X | 78.1 | 330.2 |
| 3325 | Hardware manufacturing | | | | |
| | All companies | 807 | 10 414 354 | 100.0 | X |
| | 4 largest companies | X | X | 19.3 | X |
| | 8 largest companies | X | X | 31.3 | X |
| | 20 largest companies | X | X | 52.2 | X |
| | 50 largest companies | X | X | 72.7 | 187.4 |
| 33251 | Hardware manufacturing | | | | |
| | All companies | 807 | 10 414 354 | 100.0 | X |
| | 4 largest companies | X | X | 19.3 | X |
| | 8 largest companies | X | X | 31.3 | X |
| | 20 largest companies | X | X | 52.2 | X |
| | 50 largest companies | X | X | 72.7 | 187.4 |
| 332510 | Hardware manufacturing | | | | |
| | All companies | 807 | 10 414 354 | 100.0 | X |
| | 4 largest companies | X | X | 19.3 | X |
| | 8 largest companies | X | X | 31.3 | X |
| | 20 largest companies | X | X | 52.2 | X |
| | 50 largest companies | X | X | 72.7 | 187.4 |
| 3326 | Spring and wire product manufacturing | | | | |
| | All companies | 1 963 | 8 948 976 | 100.0 | X |
| | 4 largest companies | X | X | 17.4 | X |
| | 8 largest companies | X | X | 24.0 | X |
| | 20 largest companies | X | X | 33.8 | X |
| | 50 largest companies | X | X | 46.6 | 139.5 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 332 | Fabricated metal product manufacturing—Con. | | | | |
| 3326 | Spring and wire product manufacturing—Con. | | | | |
| 33261 | Spring and wire product manufacturing | | | | |
| | All companies | 1 963 | 8 948 976 | 100.0 | X |
| | 4 largest companies | X | X | 17.4 | X |
| | 8 largest companies | X | X | 24.0 | X |
| | 20 largest companies | X | X | 33.8 | X |
| | 50 largest companies | X | X | 46.6 | 139.5 |
| 332611 | Spring (heavy gauge) manufacturing | | | | |
| | All companies | 114 | 736 878 | 100.0 | X |
| | 4 largest companies | X | X | 44.8 | X |
| | 8 largest companies | X | X | 57.1 | X |
| | 20 largest companies | X | X | 76.7 | X |
| | 50 largest companies | X | X | 94.8 | 636.5 |
| 332612 | Spring (light gauge) manufacturing | | | | |
| | All companies | 282 | 2 433 737 | 100.0 | X |
| | 4 largest companies | X | X | 46.7 | X |
| | 8 largest companies | X | X | 55.9 | X |
| | 20 largest companies | X | X | 68.5 | X |
| | 50 largest companies | X | X | 83.4 | 1 121.3 |
| 332618 | Other fabricated wire product manufacturing | | | | |
| | All companies | 1 573 | 5 778 361 | 100.0 | X |
| | 4 largest companies | X | X | 14.8 | X |
| | 8 largest companies | X | X | 20.8 | X |
| | 20 largest companies | X | X | 31.5 | X |
| | 50 largest companies | X | X | 45.7 | 87.1 |
| 3327 | Machine shops; turned product; and screw, nut, and bolt manufacturing | | | | |
| | All companies | 25 783 | 42 692 762 | 100.0 | X |
| | 4 largest companies | X | X | 4.8 | X |
| | 8 largest companies | X | X | 6.9 | X |
| | 20 largest companies | X | X | 10.3 | X |
| | 50 largest companies | X | X | 15.5 | 9.2 |
| 33271 | Machine shops | | | | |
| | All companies | 22 180 | 26 266 034 | 100.0 | X |
| | 4 largest companies | X | X | 2.2 | X |
| | 8 largest companies | X | X | 3.8 | X |
| | 20 largest companies | X | X | 7.2 | X |
| | 50 largest companies | X | X | 11.4 | 3.5 |
| 332710 | Machine shops | | | | |
| | All companies | 22 180 | 26 266 034 | 100.0 | X |
| | 4 largest companies | X | X | 2.2 | X |
| | 8 largest companies | X | X | 3.8 | X |
| | 20 largest companies | X | X | 7.2 | X |
| | 50 largest companies | X | X | 11.4 | 3.5 |
| 33272 | Turned product and screw, nut, and bolt manufacturing | | | | |
| | All companies | 3 640 | 16 426 728 | 100.0 | X |
| | 4 largest companies | X | X | 11.7 | X |
| | 8 largest companies | X | X | 16.7 | X |
| | 20 largest companies | X | X | 24.0 | X |
| | 50 largest companies | X | X | 33.5 | 52.0 |
| 332721 | Precision turned product manufacturing | | | | |
| | All companies | 2 823 | 8 672 816 | 100.0 | X |
| | 4 largest companies | X | X | 4.1 | X |
| | 8 largest companies | X | X | 6.9 | X |
| | 20 largest companies | X | X | 13.0 | X |
| | 50 largest companies | X | X | 23.0 | 13.1 |
| 332722 | Bolt, nut, screw, rivet, and washer manufacturing | | | | |
| | All companies | 836 | 7 753 912 | 100.0 | X |
| | 4 largest companies | X | X | 23.7 | X |
| | 8 largest companies | X | X | 33.2 | X |
| | 20 largest companies | X | X | 47.4 | X |
| | 50 largest companies | X | X | 62.9 | 205.9 |
| 3328 | Coating, engraving, heat treating, and allied activities | | | | |
| | All companies | 5 791 | 18 945 393 | 100.0 | X |
| | 4 largest companies | X | X | 11.7 | X |
| | 8 largest companies | X | X | 18.7 | X |
| | 20 largest companies | X | X | 29.8 | X |
| | 50 largest companies | X | X | 41.3 | 63.4 |
| 33281 | Coating, engraving, heat treating, and allied activities | | | | |
| | All companies | 5 791 | 18 945 393 | 100.0 | X |
| | 4 largest companies | X | X | 11.7 | X |
| | 8 largest companies | X | X | 18.7 | X |
| | 20 largest companies | X | X | 29.8 | X |
| | 50 largest companies | X | X | 41.3 | 63.4 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 332 | Fabricated metal product manufacturing—Con. | | | | |
| 3328 | Coating, engraving, heat treating, and allied activities—Con. | | | | |
| 33281 | Coating, engraving, heat treating, and allied activities—Con. | | | | |
| 332811 | Metal heat treating | | | | |
| | All companies | 659 | 3 476 859 | 100.0 | X |
| | 4 largest companies | X | X | 31.7 | X |
| | 8 largest companies | X | X | 43.6 | X |
| | 20 largest companies | X | X | 56.8 | X |
| | 50 largest companies | X | X | 69.1 | 440.2 |
| 332812 | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers | | | | |
| | All companies | 2 252 | 9 832 912 | 100.0 | X |
| | 4 largest companies | X | X | 19.5 | X |
| | 8 largest companies | X | X | 30.8 | X |
| | 20 largest companies | X | X | 47.8 | X |
| | 50 largest companies | X | X | 61.0 | 166.1 |
| 332813 | Electroplating, plating, polishing, anodizing, and coloring | | | | |
| | All companies | 2 930 | 5 635 622 | 100.0 | X |
| | 4 largest companies | X | X | 7.4 | X |
| | 8 largest companies | X | X | 11.0 | X |
| | 20 largest companies | X | X | 18.7 | X |
| | 50 largest companies | X | X | 29.7 | 28.2 |
| 3329 | Other fabricated metal product manufacturing | | | | |
| | All companies | 6 315 | 50 582 645 | 100.0 | X |
| | 4 largest companies | X | X | 10.9 | X |
| | 8 largest companies | X | X | 16.9 | X |
| | 20 largest companies | X | X | 27.8 | X |
| | 50 largest companies | X | X | 43.5 | 58.0 |
| 33291 | Metal valve manufacturing | | | | |
| | All companies | 1 070 | 21 564 138 | 100.0 | X |
| | 4 largest companies | X | X | 20.2 | X |
| | 8 largest companies | X | X | 31.0 | X |
| | 20 largest companies | X | X | 46.9 | X |
| | 50 largest companies | X | X | 66.0 | 171.1 |
| 332911 | Industrial valve manufacturing | | | | |
| | All companies | 395 | 8 881 609 | 100.0 | X |
| | 4 largest companies | X | X | 25.4 | X |
| | 8 largest companies | X | X | 36.7 | X |
| | 20 largest companies | X | X | 59.3 | X |
| | 50 largest companies | X | X | 81.8 | 315.7 |
| 332912 | Fluid power valve and hose fitting manufacturing | | | | |
| | All companies | 335 | 6 460 531 | 100.0 | X |
| | 4 largest companies | X | X | 43.7 | X |
| | 8 largest companies | X | X | 56.0 | X |
| | 20 largest companies | X | X | 71.0 | X |
| | 50 largest companies | X | X | 85.7 | 594.7 |
| 332913 | Plumbing fixture fitting and trim manufacturing | | | | |
| | All companies | 135 | 3 526 844 | 100.0 | X |
| | 4 largest companies | X | X | 58.7 | X |
| | 8 largest companies | X | X | 73.5 | X |
| | 20 largest companies | X | X | 87.1 | X |
| | 50 largest companies | X | X | 96.7 | 1 485.3 |
| 332919 | Other metal valve and pipe fitting manufacturing | | | | |
| | All companies | 238 | 2 695 154 | 100.0 | X |
| | 4 largest companies | X | X | 19.8 | X |
| | 8 largest companies | X | X | 34.5 | X |
| | 20 largest companies | X | X | 56.8 | X |
| | 50 largest companies | X | X | 80.6 | 217.4 |
| 33299 | All other fabricated metal product manufacturing | | | | |
| | All companies | 5 289 | 29 018 507 | 100.0 | X |
| | 4 largest companies | X | X | 12.1 | X |
| | 8 largest companies | X | X | 17.5 | X |
| | 20 largest companies | X | X | 30.1 | X |
| | 50 largest companies | X | X | 44.7 | 71.5 |
| 332991 | Ball and roller bearing manufacturing | | | | |
| | All companies | 125 | 5 732 895 | 100.0 | X |
| | 4 largest companies | X | X | 51.8 | X |
| | 8 largest companies | X | X | 68.7 | X |
| | 20 largest companies | X | X | 89.9 | X |
| | 50 largest companies | X | X | 98.2 | 1 045.4 |
| 332992 | Small arms ammunition manufacturing | | | | |
| | All companies | 109 | 1 099 908 | 100.0 | X |
| | 4 largest companies | X | X | 83.0 | X |
| | 8 largest companies | X | X | 89.0 | X |
| | 20 largest companies | X | X | 95.3 | X |
| | 50 largest companies | X | X | 98.7 | 1 900.9 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 332 | Fabricated metal product manufacturing—Con. | | | | |
| 3329 | Other fabricated metal product manufacturing—Con. | | | | |
| 33299 | All other fabricated metal product manufacturing—Con. | | | | |
| 332993 | Ammunition (except small arms) manufacturing | | | | |
| | All companies | 49 | 1 157 921 | 100.0 | X |
| | 4 largest companies | X | X | 52.9 | X |
| | 8 largest companies | X | X | 78.0 | X |
| | 20 largest companies | X | X | 98.6 | X |
| | 50 largest companies | X | X | 100.0 | 953.1 |
| 332994 | Small arms manufacturing | | | | |
| | All companies | 179 | 1 611 067 | 100.0 | X |
| | 4 largest companies | X | X | 43.3 | X |
| | 8 largest companies | X | X | 59.7 | X |
| | 20 largest companies | X | X | 85.5 | X |
| | 50 largest companies | X | X | 95.1 | 637.0 |
| 332995 | Other ordnance and accessories manufacturing | | | | |
| | All companies | 58 | 1 247 366 | 100.0 | X |
| | 4 largest companies | X | X | 77.9 | X |
| | 8 largest companies | X | X | 90.3 | X |
| | 20 largest companies | X | X | 97.1 | X |
| | 50 largest companies | X | X | 99.9 | 2 833.5 |
| 332996 | Fabricated pipe and pipe fitting manufacturing | | | | |
| | All companies | 733 | 3 857 321 | 100.0 | X |
| | 4 largest companies | X | X | 23.2 | X |
| | 8 largest companies | X | X | 29.9 | X |
| | 20 largest companies | X | X | 42.2 | X |
| | 50 largest companies | X | X | 58.5 | 194.7 |
| 332997 | Industrial pattern manufacturing | | | | |
| | All companies | 534 | 538 782 | 100.0 | X |
| | 4 largest companies | X | X | 23.3 | X |
| | 8 largest companies | X | X | 29.4 | X |
| | 20 largest companies | X | X | 41.8 | X |
| | 50 largest companies | X | X | 60.7 | 296.2 |
| 332998 | Enameled iron and metal sanitary ware manufacturing | | | | |
| | All companies | 73 | 1 369 355 | 100.0 | X |
| | 4 largest companies | X | X | 63.1 | X |
| | 8 largest companies | X | X | 80.4 | X |
| | 20 largest companies | X | X | 96.5 | X |
| | 50 largest companies | X | X | 99.6 | 1 175.2 |
| 332999 | All other miscellaneous fabricated metal product manufacturing | | | | |
| | All companies | 3 454 | 12 403 892 | 100.0 | X |
| | 4 largest companies | X | X | 9.5 | X |
| | 8 largest companies | X | X | 15.2 | X |
| | 20 largest companies | X | X | 25.2 | X |
| | 50 largest companies | X | X | 36.9 | 46.2 |
| 333 | Machinery manufacturing | | | | |
| | All companies | 25 526 | 255 285 673 | 100.0 | X |
| | 4 largest companies | X | X | 14.4 | X |
| | 8 largest companies | X | X | 19.4 | X |
| | 20 largest companies | X | X | 27.8 | X |
| | 50 largest companies | X | X | 38.3 | 71.3 |
| 3331 | Agriculture, construction, and mining machinery manufacturing | | | | |
| | All companies | 2 666 | 48 412 815 | 100.0 | X |
| | 4 largest companies | X | X | 36.4 | X |
| | 8 largest companies | X | X | 44.9 | X |
| | 20 largest companies | X | X | 57.1 | X |
| | 50 largest companies | X | X | 70.0 | 521.2 |
| 33311 | Agricultural implement manufacturing | | | | |
| | All companies | 1 260 | 21 864 765 | 100.0 | X |
| | 4 largest companies | X | X | 50.7 | X |
| | 8 largest companies | X | X | 62.3 | X |
| | 20 largest companies | X | X | 73.4 | X |
| | 50 largest companies | X | X | 83.1 | 1 138.3 |
| 333111 | Farm machinery and equipment manufacturing | | | | |
| | All companies | 1 138 | 14 783 379 | 100.0 | X |
| | 4 largest companies | X | X | 57.6 | X |
| | 8 largest companies | X | X | 64.7 | X |
| | 20 largest companies | X | X | 73.2 | X |
| | 50 largest companies | X | X | 81.5 | 1 656.8 |
| 333112 | Lawn and garden tractor and home lawn and garden equipment manufacturing | | | | |
| | All companies | 129 | 7 081 386 | 100.0 | X |
| | 4 largest companies | X | X | 61.6 | X |
| | 8 largest companies | X | X | 77.5 | X |
| | 20 largest companies | X | X | 93.0 | X |
| | 50 largest companies | X | X | 98.6 | 1 117.8 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 333 | Machinery manufacturing—Con. | | | | |
| 3331 | Agriculture, construction, and mining machinery manufacturing—Con. | | | | |
| 33312 | Construction machinery manufacturing | | | | |
| | All companies | 719 | 19 064 464 | 100.0 | X |
| | 4 largest companies | X | X | 46.6 | X |
| | 8 largest companies | X | X | 57.9 | X |
| | 20 largest companies | X | X | 72.2 | X |
| | 50 largest companies | X | X | 84.6 | 917.9 |
| 333120 | Construction machinery manufacturing | | | | |
| | All companies | 719 | 19 064 464 | 100.0 | X |
| | 4 largest companies | X | X | 46.6 | X |
| | 8 largest companies | X | X | 57.9 | X |
| | 20 largest companies | X | X | 72.2 | X |
| | 50 largest companies | X | X | 84.6 | 917.9 |
| 33313 | Mining and oil and gas field machinery manufacturing | | | | |
| | All companies | 708 | 7 483 586 | 100.0 | X |
| | 4 largest companies | X | X | 22.4 | X |
| | 8 largest companies | X | X | 36.9 | X |
| | 20 largest companies | X | X | 56.2 | X |
| | 50 largest companies | X | X | 70.8 | 219.9 |
| 333131 | Mining machinery and equipment manufacturing | | | | |
| | All companies | 246 | 1 924 054 | 100.0 | X |
| | 4 largest companies | X | X | 40.6 | X |
| | 8 largest companies | X | X | 50.4 | X |
| | 20 largest companies | X | X | 66.8 | X |
| | 50 largest companies | X | X | 84.5 | 663.7 |
| 333132 | Oil and gas field machinery and equipment manufacturing | | | | |
| | All companies | 467 | 5 559 532 | 100.0 | X |
| | 4 largest companies | X | X | 25.3 | X |
| | 8 largest companies | X | X | 42.5 | X |
| | 20 largest companies | X | X | 62.9 | X |
| | 50 largest companies | X | X | 78.7 | 286.1 |
| 3332 | Industrial machinery manufacturing | | | | |
| | All companies | 4 139 | 33 037 247 | 100.0 | X |
| | 4 largest companies | X | X | 22.2 | X |
| | 8 largest companies | X | X | 26.2 | X |
| | 20 largest companies | X | X | 33.9 | X |
| | 50 largest companies | X | X | 45.4 | 285.8 |
| 33321 | Sawmill and woodworking machinery manufacturing | | | | |
| | All companies | 290 | 1 031 410 | 100.0 | X |
| | 4 largest companies | X | X | 28.9 | X |
| | 8 largest companies | X | X | 41.9 | X |
| | 20 largest companies | X | X | 58.6 | X |
| | 50 largest companies | X | X | 76.7 | 308.2 |
| 333210 | Sawmill and woodworking machinery manufacturing | | | | |
| | All companies | 290 | 1 031 410 | 100.0 | X |
| | 4 largest companies | X | X | 28.9 | X |
| | 8 largest companies | X | X | 41.9 | X |
| | 20 largest companies | X | X | 58.6 | X |
| | 50 largest companies | X | X | 76.7 | 308.2 |
| 33322 | Plastics and rubber industry machinery manufacturing | | | | |
| | All companies | 538 | 3 046 474 | 100.0 | X |
| | 4 largest companies | X | X | 23.3 | X |
| | 8 largest companies | X | X | 34.1 | X |
| | 20 largest companies | X | X | 49.7 | X |
| | 50 largest companies | X | X | 70.2 | 225.9 |
| 333220 | Plastics and rubber industry machinery manufacturing | | | | |
| | All companies | 538 | 3 046 474 | 100.0 | X |
| | 4 largest companies | X | X | 23.3 | X |
| | 8 largest companies | X | X | 34.1 | X |
| | 20 largest companies | X | X | 49.7 | X |
| | 50 largest companies | X | X | 70.2 | 225.9 |
| 33329 | Other industrial machinery manufacturing | | | | |
| | All companies | 3 325 | 28 959 363 | 100.0 | X |
| | 4 largest companies | X | X | 25.3 | X |
| | 8 largest companies | X | X | 29.7 | X |
| | 20 largest companies | X | X | 38.1 | X |
| | 50 largest companies | X | X | 50.2 | 370.3 |
| 333291 | Paper industry machinery manufacturing | | | | |
| | All companies | 272 | 1 849 285 | 100.0 | X |
| | 4 largest companies | X | X | 30.0 | X |
| | 8 largest companies | X | X | 47.2 | X |
| | 20 largest companies | X | X | 64.6 | X |
| | 50 largest companies | X | X | 80.4 | 336.6 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 333 | Machinery manufacturing—Con. | | | | |
| 3332 | Industrial machinery manufacturing—Con. | | | | |
| 33329 | Other industrial machinery manufacturing—Con. | | | | |
| 333292 | Textile machinery manufacturing | | | | |
| | All companies | 395 | 952 664 | 100.0 | X |
| | 4 largest companies | X | X | 20.7 | X |
| | 8 largest companies | X | X | 31.4 | X |
| | 20 largest companies | X | X | 51.7 | X |
| | 50 largest companies | X | X | 71.6 | 205.7 |
| 333293 | Printing machinery and equipment manufacturing | | | | |
| | All companies | 468 | 3 044 054 | 100.0 | X |
| | 4 largest companies | X | X | 24.0 | X |
| | 8 largest companies | X | X | 36.5 | X |
| | 20 largest companies | X | X | 54.8 | X |
| | 50 largest companies | X | X | 72.3 | 235.0 |
| 333294 | Food product machinery manufacturing | | | | |
| | All companies | 534 | 3 003 589 | 100.0 | X |
| | 4 largest companies | X | X | 18.2 | X |
| | 8 largest companies | X | X | 27.7 | X |
| | 20 largest companies | X | X | 42.8 | X |
| | 50 largest companies | X | X | 62.0 | 150.6 |
| 333295 | Semiconductor machinery manufacturing | | | | |
| | All companies | 262 | 12 234 067 | 100.0 | X |
| | 4 largest companies | X | X | 59.9 | X |
| | 8 largest companies | X | X | 68.9 | X |
| | 20 largest companies | X | X | 81.5 | X |
| | 50 largest companies | X | X | 92.2 | 2 023.9 |
| 333298 | All other industrial machinery manufacturing | | | | |
| | All companies | 1 414 | 7 875 704 | 100.0 | X |
| | 4 largest companies | X | X | 11.2 | X |
| | 8 largest companies | X | X | 18.9 | X |
| | 20 largest companies | X | X | 31.2 | X |
| | 50 largest companies | X | X | 47.0 | 69.3 |
| 3333 | Commercial and service industry machinery manufacturing | | | | |
| | All companies | 2 215 | 20 559 584 | 100.0 | X |
| | 4 largest companies | X | X | 15.7 | X |
| | 8 largest companies | X | X | 23.3 | X |
| | 20 largest companies | X | X | 35.7 | X |
| | 50 largest companies | X | X | 52.2 | 112.8 |
| 33331 | Commercial and service industry machinery manufacturing | | | | |
| | All companies | 2 215 | 20 559 584 | 100.0 | X |
| | 4 largest companies | X | X | 15.7 | X |
| | 8 largest companies | X | X | 23.3 | X |
| | 20 largest companies | X | X | 35.7 | X |
| | 50 largest companies | X | X | 52.2 | 112.8 |
| 333311 | Automatic vending machine manufacturing | | | | |
| | All companies | 106 | 1 626 594 | 100.0 | X |
| | 4 largest companies | X | X | 44.0 | X |
| | 8 largest companies | X | X | 68.3 | X |
| | 20 largest companies | X | X | 89.9 | X |
| | 50 largest companies | X | X | 98.1 | 712.1 |
| 333312 | Commercial laundry, drycleaning, and pressing machine manufacturing | | | | |
| | All companies | 57 | 483 422 | 100.0 | X |
| | 4 largest companies | X | X | 45.2 | X |
| | 8 largest companies | X | X | 68.5 | X |
| | 20 largest companies | X | X | 92.8 | X |
| | 50 largest companies | X | X | 99.9 | 757.7 |
| 333313 | Office machinery manufacturing | | | | |
| | All companies | 92 | 2 587 057 | 100.0 | X |
| | 4 largest companies | X | X | 75.0 | X |
| | 8 largest companies | X | X | 85.9 | X |
| | 20 largest companies | X | X | 94.1 | X |
| | 50 largest companies | X | X | 98.7 | D |
| 333314 | Optical instrument and lens manufacturing | | | | |
| | All companies | 423 | 2 809 917 | 100.0 | X |
| | 4 largest companies | X | X | 30.8 | X |
| | 8 largest companies | X | X | 42.3 | X |
| | 20 largest companies | X | X | 57.9 | X |
| | 50 largest companies | X | X | 75.3 | 327.1 |
| 333315 | Photographic and photocopying equipment manufacturing | | | | |
| | All companies | 283 | 1 959 900 | 100.0 | X |
| | 4 largest companies | X | X | 41.3 | X |
| | 8 largest companies | X | X | 57.6 | X |
| | 20 largest companies | X | X | 77.9 | X |
| | 50 largest companies | X | X | 88.5 | 728.8 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 333 | Machinery manufacturing—Con. | | | | |
| 3333 | Commercial and service industry machinery manufacturing—Con. | | | | |
| 33331 | Commercial and service industry machinery manufacturing—Con. | | | | |
| 333319 | Other commercial and service industry machinery manufacturing | | | | |
| | All companies | 1 264 | 11 092 694 | 100.0 | X |
| | 4 largest companies | X | X | 19.0 | X |
| | 8 largest companies | X | X | 28.8 | X |
| | 20 largest companies | X | X | 44.3 | X |
| | 50 largest companies | X | X | 60.0 | 147.8 |
| 3334 | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing | | | | |
| | All companies | 1 531 | 32 184 808 | 100.0 | X |
| | 4 largest companies | X | X | 29.4 | X |
| | 8 largest companies | X | X | 41.5 | X |
| | 20 largest companies | X | X | 55.8 | X |
| | 50 largest companies | X | X | 69.0 | 298.4 |
| 33341 | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing | | | | |
| | All companies | 1 531 | 32 184 808 | 100.0 | X |
| | 4 largest companies | X | X | 29.4 | X |
| | 8 largest companies | X | X | 41.5 | X |
| | 20 largest companies | X | X | 55.8 | X |
| | 50 largest companies | X | X | 69.0 | 298.4 |
| 333411 | Air purification equipment manufacturing | | | | |
| | All companies | 327 | 2 218 697 | 100.0 | X |
| | 4 largest companies | X | X | 28.3 | X |
| | 8 largest companies | X | X | 41.4 | X |
| | 20 largest companies | X | X | 59.3 | X |
| | 50 largest companies | X | X | 77.9 | 291.9 |
| 333412 | Industrial and commercial fan and blower manufacturing | | | | |
| | All companies | 132 | 1 881 794 | 100.0 | X |
| | 4 largest companies | X | X | 26.8 | X |
| | 8 largest companies | X | X | 43.7 | X |
| | 20 largest companies | X | X | 69.3 | X |
| | 50 largest companies | X | X | 88.8 | 330.7 |
| 333414 | Heating equipment (except warm air furnaces) manufacturing | | | | |
| | All companies | 391 | 4 016 955 | 100.0 | X |
| | 4 largest companies | X | X | 23.9 | X |
| | 8 largest companies | X | X | 38.5 | X |
| | 20 largest companies | X | X | 57.6 | X |
| | 50 largest companies | X | X | 77.7 | 252.9 |
| 333415 | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing | | | | |
| | All companies | 705 | 24 067 362 | 100.0 | X |
| | 4 largest companies | X | X | 39.1 | X |
| | 8 largest companies | X | X | 54.9 | X |
| | 20 largest companies | X | X | 71.2 | X |
| | 50 largest companies | X | X | 83.1 | 513.4 |
| 3335 | Metalworking machinery manufacturing | | | | |
| | All companies | 8 772 | 24 885 182 | 100.0 | X |
| | 4 largest companies | X | X | 5.9 | X |
| | 8 largest companies | X | X | 9.5 | X |
| | 20 largest companies | X | X | 16.1 | X |
| | 50 largest companies | X | X | 24.9 | 18.8 |
| 33351 | Metalworking machinery manufacturing | | | | |
| | All companies | 8 772 | 24 885 182 | 100.0 | X |
| | 4 largest companies | X | X | 5.9 | X |
| | 8 largest companies | X | X | 9.5 | X |
| | 20 largest companies | X | X | 16.1 | X |
| | 50 largest companies | X | X | 24.9 | 18.8 |
| 333511 | Industrial mold manufacturing | | | | |
| | All companies | 2 399 | 5 391 383 | 100.0 | X |
| | 4 largest companies | X | X | 7.3 | X |
| | 8 largest companies | X | X | 12.1 | X |
| | 20 largest companies | X | X | 20.0 | X |
| | 50 largest companies | X | X | 30.9 | 30.3 |
| 333512 | Machine tool (metal cutting types) manufacturing | | | | |
| | All companies | 342 | 3 106 018 | 100.0 | X |
| | 4 largest companies | X | X | 30.0 | X |
| | 8 largest companies | X | X | 44.2 | X |
| | 20 largest companies | X | X | 57.8 | X |
| | 50 largest companies | X | X | 73.1 | 312.2 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 333 | Machinery manufacturing—Con. | | | | |
| 3335 | Metalworking machinery manufacturing—Con. | | | | |
| 33351 | Metalworking machinery manufacturing—Con. | | | | |
| 333513 | Machine tool (metal forming types) manufacturing | | | | |
| | All companies | 173 | 1 165 067 | 100.0 | X |
| | 4 largest companies | X | X | 18.7 | X |
| | 8 largest companies | X | X | 31.0 | X |
| | 20 largest companies | X | X | 52.8 | X |
| | 50 largest companies | X | X | 75.7 | 188.5 |
| 333514 | Special die and tool, die set, jig, and fixture manufacturing | | | | |
| | All companies | 3 660 | 6 970 527 | 100.0 | X |
| | 4 largest companies | X | X | 7.0 | X |
| | 8 largest companies | X | X | 10.7 | X |
| | 20 largest companies | X | X | 17.1 | X |
| | 50 largest companies | X | X | 27.2 | 23.3 |
| 333515 | Cutting tool and machine tool accessory manufacturing | | | | |
| | All companies | 1 805 | 4 862 358 | 100.0 | X |
| | 4 largest companies | X | X | 20.1 | X |
| | 8 largest companies | X | X | 25.8 | X |
| | 20 largest companies | X | X | 37.0 | X |
| | 50 largest companies | X | X | 52.2 | 175.4 |
| 333516 | Rolling mill machinery and equipment manufacturing | | | | |
| | All companies | 71 | 508 048 | 100.0 | X |
| | 4 largest companies | X | X | 48.6 | X |
| | 8 largest companies | X | X | 67.1 | X |
| | 20 largest companies | X | X | 86.1 | X |
| | 50 largest companies | X | X | 98.6 | 743.9 |
| 333518 | Other metalworking machinery manufacturing | | | | |
| | All companies | 415 | 2 881 781 | 100.0 | X |
| | 4 largest companies | X | X | 22.6 | X |
| | 8 largest companies | X | X | 33.6 | X |
| | 20 largest companies | X | X | 48.2 | X |
| | 50 largest companies | X | X | 66.7 | 203.3 |
| 3336 | Engine, turbine, and power transmission equipment manufacturing | | | | |
| | All companies | 751 | 38 473 891 | 100.0 | X |
| | 4 largest companies | X | X | 53.4 | X |
| | 8 largest companies | X | X | 66.1 | X |
| | 20 largest companies | X | X | 77.0 | X |
| | 50 largest companies | X | X | 87.8 | 1 118.7 |
| 33361 | Engine, turbine, and power transmission equipment manufacturing | | | | |
| | All companies | 751 | 38 473 891 | 100.0 | X |
| | 4 largest companies | X | X | 53.4 | X |
| | 8 largest companies | X | X | 66.1 | X |
| | 20 largest companies | X | X | 77.0 | X |
| | 50 largest companies | X | X | 87.8 | 1 118.7 |
| 333611 | Turbine and turbine generator set units manufacturing | | | | |
| | All companies | 93 | 14 966 426 | 100.0 | X |
| | 4 largest companies | X | X | 88.4 | X |
| | 8 largest companies | X | X | 92.4 | X |
| | 20 largest companies | X | X | 97.0 | X |
| | 50 largest companies | X | X | 99.6 | D |
| 333612 | Speed changer, industrial high-speed drive, and gear manufacturing | | | | |
| | All companies | 210 | 2 036 388 | 100.0 | X |
| | 4 largest companies | X | X | 27.2 | X |
| | 8 largest companies | X | X | 42.1 | X |
| | 20 largest companies | X | X | 65.5 | X |
| | 50 largest companies | X | X | 83.9 | 306.9 |
| 333613 | Mechanical power transmission equipment manufacturing | | | | |
| | All companies | 203 | 2 838 584 | 100.0 | X |
| | 4 largest companies | X | X | 24.7 | X |
| | 8 largest companies | X | X | 42.1 | X |
| | 20 largest companies | X | X | 69.2 | X |
| | 50 largest companies | X | X | 88.6 | 313.8 |
| 333618 | Other engine equipment manufacturing | | | | |
| | All companies | 267 | 18 632 493 | 100.0 | X |
| | 4 largest companies | X | X | 51.0 | X |
| | 8 largest companies | X | X | 71.9 | X |
| | 20 largest companies | X | X | 87.6 | X |
| | 50 largest companies | X | X | 96.0 | 869.4 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 333 | Machinery manufacturing—Con. | | | | |
| 3339 | Other general purpose machinery manufacturing | | | | |
| | All companies | 5 909 | 57 732 146 | 100.0 | X |
| | 4 largest companies | X | X | 7.9 | X |
| | 8 largest companies | X | X | 14.0 | X |
| | 20 largest companies | X | X | 25.5 | X |
| | 50 largest companies | X | X | 42.4 | 46.5 |
| 33391 | Pump and compressor manufacturing | | | | |
| | All companies | 684 | 12 691 176 | 100.0 | X |
| | 4 largest companies | X | X | 21.7 | X |
| | 8 largest companies | X | X | 31.6 | X |
| | 20 largest companies | X | X | 51.2 | X |
| | 50 largest companies | X | X | 73.6 | 197.5 |
| 333911 | Pump and pumping equipment manufacturing | | | | |
| | All companies | 399 | 6 962 635 | 100.0 | X |
| | 4 largest companies | X | X | 27.7 | X |
| | 8 largest companies | X | X | 41.0 | X |
| | 20 largest companies | X | X | 62.8 | X |
| | 50 largest companies | X | X | 82.4 | 321.6 |
| 333912 | Air and gas compressor manufacturing | | | | |
| | All companies | 276 | 4 795 611 | 100.0 | X |
| | 4 largest companies | X | X | 33.0 | X |
| | 8 largest companies | X | X | 47.1 | X |
| | 20 largest companies | X | X | 70.3 | X |
| | 50 largest companies | X | X | 87.4 | 459.1 |
| 333913 | Measuring and dispensing pump manufacturing | | | | |
| | All companies | 29 | 932 930 | 100.0 | X |
| | 4 largest companies | X | X | 66.4 | X |
| | 8 largest companies | X | X | 86.2 | X |
| | 20 largest companies | X | X | 99.4 | X |
| | 50 largest companies | X | X | 100.0 | 1 527.4 |
| 33392 | Material handling equipment manufacturing | | | | |
| | All companies | 1 623 | 16 056 903 | 100.0 | X |
| | 4 largest companies | X | X | 17.2 | X |
| | 8 largest companies | X | X | 28.4 | X |
| | 20 largest companies | X | X | 44.5 | X |
| | 50 largest companies | X | X | 58.8 | 141.0 |
| 333921 | Elevator and moving stairway manufacturing | | | | |
| | All companies | 167 | 1 944 521 | 100.0 | X |
| | 4 largest companies | X | X | 57.6 | X |
| | 8 largest companies | X | X | 68.9 | X |
| | 20 largest companies | X | X | 81.0 | X |
| | 50 largest companies | X | X | 92.6 | 921.9 |
| 333922 | Conveyor and conveying equipment manufacturing | | | | |
| | All companies | 794 | 5 843 342 | 100.0 | X |
| | 4 largest companies | X | X | 23.8 | X |
| | 8 largest companies | X | X | 30.2 | X |
| | 20 largest companies | X | X | 42.5 | X |
| | 50 largest companies | X | X | 57.2 | 327.6 |
| 333923 | Overhead traveling crane, hoist, and monorail system manufacturing | | | | |
| | All companies | 275 | 3 062 631 | 100.0 | X |
| | 4 largest companies | X | X | 49.3 | X |
| | 8 largest companies | X | X | 60.0 | X |
| | 20 largest companies | X | X | 71.9 | X |
| | 50 largest companies | X | X | 84.2 | 867.4 |
| 333924 | Industrial truck, tractor, trailer, and stacker machinery manufacturing | | | | |
| | All companies | 402 | 5 206 409 | 100.0 | X |
| | 4 largest companies | X | X | 38.0 | X |
| | 8 largest companies | X | X | 53.6 | X |
| | 20 largest companies | X | X | 72.0 | X |
| | 50 largest companies | X | X | 84.0 | 472.1 |
| 33399 | All other general purpose machinery manufacturing | | | | |
| | All companies | 3 665 | 28 984 067 | 100.0 | X |
| | 4 largest companies | X | X | 12.9 | X |
| | 8 largest companies | X | X | 20.2 | X |
| | 20 largest companies | X | X | 34.9 | X |
| | 50 largest companies | X | X | 49.9 | 83.3 |
| 333991 | Power-driven handtool manufacturing | | | | |
| | All companies | 109 | 3 576 065 | 100.0 | X |
| | 4 largest companies | X | X | 56.3 | X |
| | 8 largest companies | X | X | 74.7 | X |
| | 20 largest companies | X | X | 94.3 | X |
| | 50 largest companies | X | X | 98.3 | 1 188.6 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 333 | Machinery manufacturing—Con. | | | | |
| 3339 | Other general purpose machinery manufacturing—Con. | | | | |
| 33399 | All other general purpose machinery manufacturing—Con. | | | | |
| 333992 | Welding and soldering equipment manufacturing | | | | |
| | All companies | 203 | 3 811 846 | 100.0 | X |
| | 4 largest companies | X | X | 54.7 | X |
| | 8 largest companies | X | X | 72.1 | X |
| | 20 largest companies | X | X | 81.5 | X |
| | 50 largest companies | X | X | 91.7 | 929.7 |
| 333993 | Packaging machinery manufacturing | | | | |
| | All companies | 625 | 4 227 241 | 100.0 | X |
| | 4 largest companies | X | X | 22.8 | X |
| | 8 largest companies | X | X | 32.8 | X |
| | 20 largest companies | X | X | 48.6 | X |
| | 50 largest companies | X | X | 66.2 | 194.7 |
| 333994 | Industrial process furnace and oven manufacturing | | | | |
| | All companies | 331 | 1 632 897 | 100.0 | X |
| | 4 largest companies | X | X | 18.6 | X |
| | 8 largest companies | X | X | 27.1 | X |
| | 20 largest companies | X | X | 43.2 | X |
| | 50 largest companies | X | X | 64.9 | 147.3 |
| 333995 | Fluid power cylinder and actuator manufacturing | | | | |
| | All companies | 258 | 3 171 589 | 100.0 | X |
| | 4 largest companies | X | X | 47.4 | X |
| | 8 largest companies | X | X | 56.3 | X |
| | 20 largest companies | X | X | 72.0 | X |
| | 50 largest companies | X | X | 86.8 | 709.9 |
| 333996 | Fluid power pump and motor manufacturing | | | | |
| | All companies | 141 | 2 581 010 | 100.0 | X |
| | 4 largest companies | X | X | 68.5 | X |
| | 8 largest companies | X | X | 78.6 | X |
| | 20 largest companies | X | X | 90.7 | X |
| | 50 largest companies | X | X | 96.7 | 1 219.8 |
| 333997 | Scale and balance (except laboratory) manufacturing | | | | |
| | All companies | 105 | 692 467 | 100.0 | X |
| | 4 largest companies | X | X | 47.3 | X |
| | 8 largest companies | X | X | 64.6 | X |
| | 20 largest companies | X | X | 81.6 | X |
| | 50 largest companies | X | X | 94.9 | 870.6 |
| 333999 | All other miscellaneous general purpose machinery manufacturing | | | | |
| | All companies | 1 933 | 9 290 952 | 100.0 | X |
| | 4 largest companies | X | X | 16.4 | X |
| | 8 largest companies | X | X | 25.0 | X |
| | 20 largest companies | X | X | 37.1 | X |
| | 50 largest companies | X | X | 52.0 | 109.2 |
| 334 | Computer and electronic product manufacturing | | | | |
| | All companies | 13 910 | 357 563 640 | 100.0 | X |
| | 4 largest companies | X | X | 18.0 | X |
| | 8 largest companies | X | X | 25.7 | X |
| | 20 largest companies | X | X | 39.7 | X |
| | 50 largest companies | X | X | 55.8 | 135.0 |
| 3341 | Computer and peripheral equipment manufacturing | | | | |
| | All companies | 1 517 | 73 786 456 | 100.0 | X |
| | 4 largest companies | X | X | 49.5 | X |
| | 8 largest companies | X | X | 65.2 | X |
| | 20 largest companies | X | X | 80.0 | X |
| | 50 largest companies | X | X | 88.3 | 1 183.3 |
| 33411 | Computer and peripheral equipment manufacturing | | | | |
| | All companies | 1 517 | 73 786 456 | 100.0 | X |
| | 4 largest companies | X | X | 49.5 | X |
| | 8 largest companies | X | X | 65.2 | X |
| | 20 largest companies | X | X | 80.0 | X |
| | 50 largest companies | X | X | 88.3 | 1 183.3 |
| 334111 | Electronic computer manufacturing | | | | |
| | All companies | 465 | 47 730 226 | 100.0 | X |
| | 4 largest companies | X | X | 75.5 | X |
| | 8 largest companies | X | X | 89.2 | X |
| | 20 largest companies | X | X | 95.0 | X |
| | 50 largest companies | X | X | 97.7 | 2 662.4 |
| 334112 | Computer storage device manufacturing | | | | |
| | All companies | 157 | 9 458 043 | 100.0 | X |
| | 4 largest companies | X | X | 65.6 | X |
| | 8 largest companies | X | X | 79.3 | X |
| | 20 largest companies | X | X | 92.7 | X |
| | 50 largest companies | X | X | 98.2 | 1 725.8 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 334 | Computer and electronic product manufacturing—Con. | | | | |
| 3341 | Computer and peripheral equipment manufacturing—Con. | | | | |
| 33411 | Computer and peripheral equipment manufacturing—Con. | | | | |
| 334113 | Computer terminal manufacturing | | | | |
| | All companies | 70 | 407 507 | 100.0 | X |
| | 4 largest companies | X | X | 61.9 | X |
| | 8 largest companies | X | X | 77.8 | X |
| | 20 largest companies | X | X | 91.3 | X |
| | 50 largest companies | X | X | 99.2 | 1 486.1 |
| 334119 | Other computer peripheral equipment manufacturing | | | | |
| | All companies | 838 | 16 190 680 | 100.0 | X |
| | 4 largest companies | X | X | 43.1 | X |
| | 8 largest companies | X | X | 55.0 | X |
| | 20 largest companies | X | X | 69.2 | X |
| | 50 largest companies | X | X | 81.0 | 646.5 |
| 3342 | Communications equipment manufacturing | | | | |
| | All companies | 1 828 | 65 100 494 | 100.0 | X |
| | 4 largest companies | X | X | 33.6 | X |
| | 8 largest companies | X | X | 45.5 | X |
| | 20 largest companies | X | X | 61.2 | X |
| | 50 largest companies | X | X | 73.9 | 398.9 |
| 33421 | Telephone apparatus manufacturing | | | | |
| | All companies | 456 | 27 276 210 | 100.0 | X |
| | 4 largest companies | X | X | 55.6 | X |
| | 8 largest companies | X | X | 65.7 | X |
| | 20 largest companies | X | X | 77.6 | X |
| | 50 largest companies | X | X | 86.8 | 1 398.5 |
| 334210 | Telephone apparatus manufacturing | | | | |
| | All companies | 456 | 27 276 210 | 100.0 | X |
| | 4 largest companies | X | X | 55.6 | X |
| | 8 largest companies | X | X | 65.7 | X |
| | 20 largest companies | X | X | 77.6 | X |
| | 50 largest companies | X | X | 86.8 | 1 398.5 |
| 33422 | Radio and television broadcasting and wireless communications equipment manufacturing | | | | |
| | All companies | 934 | 32 278 221 | 100.0 | X |
| | 4 largest companies | X | X | 42.8 | X |
| | 8 largest companies | X | X | 54.7 | X |
| | 20 largest companies | X | X | 69.4 | X |
| | 50 largest companies | X | X | 80.5 | 583.6 |
| 334220 | Radio and television broadcasting and wireless communications equipment manufacturing | | | | |
| | All companies | 934 | 32 278 221 | 100.0 | X |
| | 4 largest companies | X | X | 42.8 | X |
| | 8 largest companies | X | X | 54.7 | X |
| | 20 largest companies | X | X | 69.4 | X |
| | 50 largest companies | X | X | 80.5 | 583.6 |
| 33429 | Other communications equipment manufacturing | | | | |
| | All companies | 470 | 5 546 063 | 100.0 | X |
| | 4 largest companies | X | X | 43.8 | X |
| | 8 largest companies | X | X | 54.2 | X |
| | 20 largest companies | X | X | 67.5 | X |
| | 50 largest companies | X | X | 80.4 | 624.5 |
| 334290 | Other communications equipment manufacturing | | | | |
| | All companies | 470 | 5 546 063 | 100.0 | X |
| | 4 largest companies | X | X | 43.8 | X |
| | 8 largest companies | X | X | 54.2 | X |
| | 20 largest companies | X | X | 67.5 | X |
| | 50 largest companies | X | X | 80.4 | 624.5 |
| 3343 | Audio and video equipment manufacturing | | | | |
| | All companies | 544 | 8 649 260 | 100.0 | X |
| | 4 largest companies | X | X | 43.2 | X |
| | 8 largest companies | X | X | 59.4 | X |
| | 20 largest companies | X | X | 78.2 | X |
| | 50 largest companies | X | X | 88.8 | 646.9 |
| 33431 | Audio and video equipment manufacturing | | | | |
| | All companies | 544 | 8 649 260 | 100.0 | X |
| | 4 largest companies | X | X | 43.2 | X |
| | 8 largest companies | X | X | 59.4 | X |
| | 20 largest companies | X | X | 78.2 | X |
| | 50 largest companies | X | X | 88.8 | 646.9 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 334 | Computer and electronic product manufacturing—Con. | | | | |
| 3343 | Audio and video equipment manufacturing—Con. | | | | |
| 33431 | Audio and video equipment manufacturing—Con. | | | | |
| 334310 | Audio and video equipment manufacturing | | | | |
| | All companies | 544 | 8 649 260 | 100.0 | X |
| | 4 largest companies | X | X | 43.2 | X |
| | 8 largest companies | X | X | 59.4 | X |
| | 20 largest companies | X | X | 78.2 | X |
| | 50 largest companies | X | X | 88.8 | 646.9 |
| 3344 | Semiconductor and other electronic component manufacturing | | | | |
| | All companies | 4 798 | 110 278 304 | 100.0 | X |
| | 4 largest companies | X | X | 35.2 | X |
| | 8 largest companies | X | X | 42.0 | X |
| | 20 largest companies | X | X | 53.3 | X |
| | 50 largest companies | X | X | 65.7 | 495.0 |
| 33441 | Semiconductor and other electronic component manufacturing | | | | |
| | All companies | 4 798 | 110 278 304 | 100.0 | X |
| | 4 largest companies | X | X | 35.2 | X |
| | 8 largest companies | X | X | 42.0 | X |
| | 20 largest companies | X | X | 53.3 | X |
| | 50 largest companies | X | X | 65.7 | 495.0 |
| 334411 | Electron tube manufacturing | | | | |
| | All companies | 90 | 2 426 460 | 100.0 | X |
| | 4 largest companies | X | X | 60.0 | X |
| | 8 largest companies | X | X | 84.0 | X |
| | 20 largest companies | X | X | 95.0 | X |
| | 50 largest companies | X | X | 99.2 | 1 139.0 |
| 334412 | Bare printed circuit board manufacturing | | | | |
| | All companies | 891 | 6 409 568 | 100.0 | X |
| | 4 largest companies | X | X | 20.1 | X |
| | 8 largest companies | X | X | 34.6 | X |
| | 20 largest companies | X | X | 51.3 | X |
| | 50 largest companies | X | X | 65.3 | 189.7 |
| 334413 | Semiconductor and related device manufacturing | | | | |
| | All companies | 904 | 61 434 888 | 100.0 | X |
| | 4 largest companies | X | X | 56.5 | X |
| | 8 largest companies | X | X | 64.1 | X |
| | 20 largest companies | X | X | 77.5 | X |
| | 50 largest companies | X | X | 89.7 | 1 417.1 |
| 334414 | Electronic capacitor manufacturing | | | | |
| | All companies | 84 | 1 640 150 | 100.0 | X |
| | 4 largest companies | X | X | 58.9 | X |
| | 8 largest companies | X | X | 74.9 | X |
| | 20 largest companies | X | X | 92.2 | X |
| | 50 largest companies | X | X | 99.0 | 1 056.2 |
| 334415 | Electronic resistor manufacturing | | | | |
| | All companies | 58 | 625 683 | 100.0 | X |
| | 4 largest companies | X | X | 40.9 | X |
| | 8 largest companies | X | X | 58.6 | X |
| | 20 largest companies | X | X | 86.4 | X |
| | 50 largest companies | X | X | 99.6 | 739.6 |
| 334416 | Electronic coil, transformer, and other inductor manufacturing | | | | |
| | All companies | 332 | 1 135 121 | 100.0 | X |
| | 4 largest companies | X | X | 28.5 | X |
| | 8 largest companies | X | X | 36.7 | X |
| | 20 largest companies | X | X | 49.8 | X |
| | 50 largest companies | X | X | 69.1 | 325.2 |
| 334417 | Electronic connector manufacturing | | | | |
| | All companies | 280 | 3 548 502 | 100.0 | X |
| | 4 largest companies | X | X | 39.8 | X |
| | 8 largest companies | X | X | 53.9 | X |
| | 20 largest companies | X | X | 70.3 | X |
| | 50 largest companies | X | X | 85.2 | 711.3 |
| 334418 | Printed circuit assembly (electronic assembly) manufacturing | | | | |
| | All companies | 790 | 23 478 376 | 100.0 | X |
| | 4 largest companies | X | X | 35.6 | X |
| | 8 largest companies | X | X | 53.1 | X |
| | 20 largest companies | X | X | 67.3 | X |
| | 50 largest companies | X | X | 77.4 | 453.0 |
| 334419 | Other electronic component manufacturing | | | | |
| | All companies | 1 526 | 9 579 556 | 100.0 | X |
| | 4 largest companies | X | X | 10.7 | X |
| | 8 largest companies | X | X | 17.0 | X |
| | 20 largest companies | X | X | 29.2 | X |
| | 50 largest companies | X | X | 46.6 | 65.0 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 334 | Computer and electronic product manufacturing—Con. | | | | |
| 3345 | Navigational, measuring, electromedical, and control instruments manufacturing | | | | |
| | All companies | 4 624 | 92 199 405 | 100.0 | X |
| | 4 largest companies | X | X | 21.7 | X |
| | 8 largest companies | X | X | 31.6 | X |
| | 20 largest companies | X | X | 48.0 | X |
| | 50 largest companies | X | X | 64.2 | 192.9 |
| 33451 | Navigational, measuring, electromedical, and control instruments manufacturing | | | | |
| | All companies | 4 624 | 92 199 405 | 100.0 | X |
| | 4 largest companies | X | X | 21.7 | X |
| | 8 largest companies | X | X | 31.6 | X |
| | 20 largest companies | X | X | 48.0 | X |
| | 50 largest companies | X | X | 64.2 | 192.9 |
| 334510 | Electromedical and electrotherapeutic apparatus manufacturing | | | | |
| | All companies | 485 | 15 680 811 | 100.0 | X |
| | 4 largest companies | X | X | 38.7 | X |
| | 8 largest companies | X | X | 52.8 | X |
| | 20 largest companies | X | X | 68.1 | X |
| | 50 largest companies | X | X | 83.1 | 476.3 |
| 334511 | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing | | | | |
| | All companies | 504 | 32 258 082 | 100.0 | X |
| | 4 largest companies | X | X | 58.9 | X |
| | 8 largest companies | X | X | 77.0 | X |
| | 20 largest companies | X | X | 89.7 | X |
| | 50 largest companies | X | X | 95.7 | 1 135.9 |
| 334512 | Automatic environmental control manufacturing for residential, commercial, and appliance use | | | | |
| | All companies | 312 | 2 912 971 | 100.0 | X |
| | 4 largest companies | X | X | 48.8 | X |
| | 8 largest companies | X | X | 63.2 | X |
| | 20 largest companies | X | X | 78.7 | X |
| | 50 largest companies | X | X | 88.2 | 718.5 |
| 334513 | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables | | | | |
| | All companies | 909 | 7 040 184 | 100.0 | X |
| | 4 largest companies | X | X | 24.8 | X |
| | 8 largest companies | X | X | 33.1 | X |
| | 20 largest companies | X | X | 47.9 | X |
| | 50 largest companies | X | X | 64.9 | 238.1 |
| 334514 | Totalizing fluid meter and counting device manufacturing | | | | |
| | All companies | 220 | 4 820 321 | 100.0 | X |
| | 4 largest companies | X | X | 53.7 | X |
| | 8 largest companies | X | X | 66.5 | X |
| | 20 largest companies | X | X | 84.8 | X |
| | 50 largest companies | X | X | 94.6 | 1 416.2 |
| 334515 | Instrument manufacturing for measuring and testing electricity and electrical signals | | | | |
| | All companies | 733 | 9 903 743 | 100.0 | X |
| | 4 largest companies | X | X | 36.1 | X |
| | 8 largest companies | X | X | 49.5 | X |
| | 20 largest companies | X | X | 63.2 | X |
| | 50 largest companies | X | X | 77.9 | 460.7 |
| 334516 | Analytical laboratory instrument manufacturing | | | | |
| | All companies | 526 | 8 187 465 | 100.0 | X |
| | 4 largest companies | X | X | 37.2 | X |
| | 8 largest companies | X | X | 51.1 | X |
| | 20 largest companies | X | X | 68.3 | X |
| | 50 largest companies | X | X | 82.8 | 475.6 |
| 334517 | Irradiation apparatus manufacturing | | | | |
| | All companies | 154 | 4 736 157 | 100.0 | X |
| | 4 largest companies | X | X | 53.5 | X |
| | 8 largest companies | X | X | 75.2 | X |
| | 20 largest companies | X | X | 88.2 | X |
| | 50 largest companies | X | X | 96.6 | 946.4 |
| 334518 | Watch, clock, and part manufacturing | | | | |
| | All companies | 123 | 677 031 | 100.0 | X |
| | 4 largest companies | X | X | 46.7 | X |
| | 8 largest companies | X | X | 60.4 | X |
| | 20 largest companies | X | X | 82.9 | X |
| | 50 largest companies | X | X | 97.1 | 874.6 |
| 334519 | Other measuring and controlling device manufacturing | | | | |
| | All companies | 793 | 5 982 640 | 100.0 | X |
| | 4 largest companies | X | X | 20.1 | X |
| | 8 largest companies | X | X | 32.4 | X |
| | 20 largest companies | X | X | 49.4 | X |
| | 50 largest companies | X | X | 66.4 | 187.2 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 334 | Computer and electronic product manufacturing—Con. | | | | |
| 3346 | Manufacturing and reproducing magnetic and optical media | | | | |
| | All companies | 893 | 7 549 721 | 100.0 | X |
| | 4 largest companies | X | X | 39.4 | X |
| | 8 largest companies | X | X | 51.9 | X |
| | 20 largest companies | X | X | 66.6 | X |
| | 50 largest companies | X | X | 79.6 | 465.3 |
| 33461 | Manufacturing and reproducing magnetic and optical media | | | | |
| | All companies | 893 | 7 549 721 | 100.0 | X |
| | 4 largest companies | X | X | 39.4 | X |
| | 8 largest companies | X | X | 51.9 | X |
| | 20 largest companies | X | X | 66.6 | X |
| | 50 largest companies | X | X | 79.6 | 465.3 |
| 334611 | Software reproducing | | | | |
| | All companies | 189 | 477 921 | 100.0 | X |
| | 4 largest companies | X | X | 32.4 | X |
| | 8 largest companies | X | X | 49.6 | X |
| | 20 largest companies | X | X | 68.4 | X |
| | 50 largest companies | X | X | 84.3 | 390.7 |
| 334612 | Prerecorded compact disc (except software), tape, and record reproducing | | | | |
| | All companies | 538 | 4 480 372 | 100.0 | X |
| | 4 largest companies | X | X | 38.8 | X |
| | 8 largest companies | X | X | 52.4 | X |
| | 20 largest companies | X | X | 69.5 | X |
| | 50 largest companies | X | X | 83.4 | 532.1 |
| 334613 | Magnetic and optical recording media manufacturing | | | | |
| | All companies | 169 | 2 591 428 | 100.0 | X |
| | 4 largest companies | X | X | 76.8 | X |
| | 8 largest companies | X | X | 84.7 | X |
| | 20 largest companies | X | X | 92.3 | X |
| | 50 largest companies | X | X | 96.9 | 2 076.9 |
| 335 | Electrical equipment, appliance, and component manufacturing | | | | |
| | All companies | 5 498 | 102 812 274 | 100.0 | X |
| | 4 largest companies | X | X | 16.5 | X |
| | 8 largest companies | X | X | 25.7 | X |
| | 20 largest companies | X | X | 38.3 | X |
| | 50 largest companies | X | X | 51.7 | 113.9 |
| 3351 | Electric lighting equipment manufacturing | | | | |
| | All companies | 1 130 | 12 402 230 | 100.0 | X |
| | 4 largest companies | X | X | 29.5 | X |
| | 8 largest companies | X | X | 45.2 | X |
| | 20 largest companies | X | X | 58.2 | X |
| | 50 largest companies | X | X | 70.4 | 312.4 |
| 33511 | Electric lamp bulb and part manufacturing | | | | |
| | All companies | 57 | 2 626 825 | 100.0 | X |
| | 4 largest companies | X | X | 88.5 | X |
| | 8 largest companies | X | X | 94.1 | X |
| | 20 largest companies | X | X | 98.2 | X |
| | 50 largest companies | X | X | 99.9 | 2 757.6 |
| 335110 | Electric lamp bulb and part manufacturing | | | | |
| | All companies | 57 | 2 626 825 | 100.0 | X |
| | 4 largest companies | X | X | 88.5 | X |
| | 8 largest companies | X | X | 94.1 | X |
| | 20 largest companies | X | X | 98.2 | X |
| | 50 largest companies | X | X | 99.9 | 2 757.6 |
| 33512 | Lighting fixture manufacturing | | | | |
| | All companies | 1 077 | 9 775 405 | 100.0 | X |
| | 4 largest companies | X | X | 29.1 | X |
| | 8 largest companies | X | X | 38.6 | X |
| | 20 largest companies | X | X | 51.9 | X |
| | 50 largest companies | X | X | 65.7 | 266.2 |
| 335121 | Residential electric lighting fixture manufacturing | | | | |
| | All companies | 470 | 2 192 319 | 100.0 | X |
| | 4 largest companies | X | X | 30.2 | X |
| | 8 largest companies | X | X | 40.9 | X |
| | 20 largest companies | X | X | 57.3 | X |
| | 50 largest companies | X | X | 74.6 | 355.7 |
| 335122 | Commercial, industrial, and institutional electric lighting fixture manufacturing | | | | |
| | All companies | 324 | 3 739 195 | 100.0 | X |
| | 4 largest companies | X | X | 48.7 | X |
| | 8 largest companies | X | X | 58.5 | X |
| | 20 largest companies | X | X | 69.0 | X |
| | 50 largest companies | X | X | 82.9 | 712.8 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 335 | Electrical equipment, appliance, and component manufacturing—Con. | | | | |
| 3351 | Electric lighting equipment manufacturing—Con. | | | | |
| 33512 | Lighting fixture manufacturing—Con. | | | | |
| 335129 | Other lighting equipment manufacturing | | | | |
| | All companies | 300 | 3 843 891 | 100.0 | X |
| | 4 largest companies | X | X | 28.2 | X |
| | 8 largest companies | X | X | 43.7 | X |
| | 20 largest companies | X | X | 63.5 | X |
| | 50 largest companies | X | X | 82.8 | 321.9 |
| 3352 | Household appliance manufacturing | | | | |
| | All companies | 251 | 22 269 541 | 100.0 | X |
| | 4 largest companies | X | X | 62.2 | X |
| | 8 largest companies | X | X | 70.8 | X |
| | 20 largest companies | X | X | 84.7 | X |
| | 50 largest companies | X | X | 95.9 | 1 131.9 |
| 33521 | Small electrical appliance manufacturing | | | | |
| | All companies | 117 | 4 623 636 | 100.0 | X |
| | 4 largest companies | X | X | 46.8 | X |
| | 8 largest companies | X | X | 65.3 | X |
| | 20 largest companies | X | X | 90.5 | X |
| | 50 largest companies | X | X | 99.1 | 748.8 |
| 335211 | Electric housewares and household fan manufacturing | | | | |
| | All companies | 88 | 2 461 244 | 100.0 | X |
| | 4 largest companies | X | X | 54.0 | X |
| | 8 largest companies | X | X | 74.0 | X |
| | 20 largest companies | X | X | 93.7 | X |
| | 50 largest companies | X | X | 99.6 | 1 024.5 |
| 335212 | Household vacuum cleaner manufacturing | | | | |
| | All companies | 29 | 2 162 392 | 100.0 | X |
| | 4 largest companies | X | X | 77.9 | X |
| | 8 largest companies | X | X | 96.1 | X |
| | 20 largest companies | X | X | 99.9 | X |
| | 50 largest companies | X | X | 100.0 | 2 096.3 |
| 33522 | Major appliance manufacturing | | | | |
| | All companies | 139 | 17 645 905 | 100.0 | X |
| | 4 largest companies | X | X | 69.5 | X |
| | 8 largest companies | X | X | 78.9 | X |
| | 20 largest companies | X | X | 92.5 | X |
| | 50 largest companies | X | X | 99.0 | 1 427.3 |
| 335221 | Household cooking appliance manufacturing | | | | |
| | All companies | 92 | 4 327 308 | 100.0 | X |
| | 4 largest companies | X | X | 48.3 | X |
| | 8 largest companies | X | X | 77.0 | X |
| | 20 largest companies | X | X | 94.5 | X |
| | 50 largest companies | X | X | 99.4 | 856.5 |
| 335222 | Household refrigerator and home freezer manufacturing | | | | |
| | All companies | 18 | 5 491 267 | 100.0 | X |
| | 4 largest companies | X | X | 84.5 | X |
| | 8 largest companies | X | X | 95.4 | X |
| | 20 largest companies | X | X | 100.0 | 1 988.5 |
| | 50 largest companies | X | X | — | — |
| 335224 | Household laundry equipment manufacturing | | | | |
| | All companies | 13 | 4 404 679 | 100.0 | X |
| | 4 largest companies | X | X | 93.4 | X |
| | 8 largest companies | X | X | 99.9 | X |
| | 20 largest companies | X | X | 100.0 | D |
| | 50 largest companies | X | X | — | — |
| 335228 | Other major household appliance manufacturing | | | | |
| | All companies | 32 | 3 422 651 | 100.0 | X |
| | 4 largest companies | X | X | 52.9 | X |
| | 8 largest companies | X | X | 83.7 | X |
| | 20 largest companies | X | X | 99.4 | X |
| | 50 largest companies | X | X | 100.0 | 1 050.6 |
| 3353 | Electrical equipment manufacturing | | | | |
| | All companies | 2 188 | 31 394 150 | 100.0 | X |
| | 4 largest companies | X | X | 26.4 | X |
| | 8 largest companies | X | X | 39.7 | X |
| | 20 largest companies | X | X | 54.1 | X |
| | 50 largest companies | X | X | 68.0 | 250.8 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 335 | Electrical equipment, appliance, and component manufacturing—Con. | | | | |
| 3353 | Electrical equipment manufacturing—Con. | | | | |
| 33531 | Electrical equipment manufacturing | | | | |
| | All companies | 2 188 | 31 394 150 | 100.0 | X |
| | 4 largest companies | X | X | 26.4 | X |
| | 8 largest companies | X | X | 39.7 | X |
| | 20 largest companies | X | X | 54.1 | X |
| | 50 largest companies | X | X | 68.0 | 250.8 |
| 335311 | Power, distribution, and specialty transformer manufacturing | | | | |
| | All companies | 259 | 4 123 277 | 100.0 | X |
| | 4 largest companies | X | X | 38.6 | X |
| | 8 largest companies | X | X | 55.1 | X |
| | 20 largest companies | X | X | 73.9 | X |
| | 50 largest companies | X | X | 89.1 | 535.5 |
| 335312 | Motor and generator manufacturing | | | | |
| | All companies | 478 | 9 151 586 | 100.0 | X |
| | 4 largest companies | X | X | 26.8 | X |
| | 8 largest companies | X | X | 41.2 | X |
| | 20 largest companies | X | X | 67.4 | X |
| | 50 largest companies | X | X | 83.4 | 316.5 |
| 335313 | Switchgear and switchboard apparatus manufacturing | | | | |
| | All companies | 450 | 8 325 928 | 100.0 | X |
| | 4 largest companies | X | X | 50.8 | X |
| | 8 largest companies | X | X | 65.7 | X |
| | 20 largest companies | X | X | 78.5 | X |
| | 50 largest companies | X | X | 87.7 | 818.7 |
| 335314 | Relay and industrial control manufacturing | | | | |
| | All companies | 1 058 | 9 793 359 | 100.0 | X |
| | 4 largest companies | X | X | 39.2 | X |
| | 8 largest companies | X | X | 49.3 | X |
| | 20 largest companies | X | X | 60.1 | X |
| | 50 largest companies | X | X | 72.1 | 612.4 |
| 3359 | Other electrical equipment and component manufacturing | | | | |
| | All companies | 2 008 | 36 746 353 | 100.0 | X |
| | 4 largest companies | X | X | 10.8 | X |
| | 8 largest companies | X | X | 18.9 | X |
| | 20 largest companies | X | X | 34.1 | X |
| | 50 largest companies | X | X | 54.8 | 81.0 |
| 33591 | Battery manufacturing | | | | |
| | All companies | 125 | 6 420 666 | 100.0 | X |
| | 4 largest companies | X | X | 51.5 | X |
| | 8 largest companies | X | X | 75.4 | X |
| | 20 largest companies | X | X | 92.5 | X |
| | 50 largest companies | X | X | 98.5 | 901.9 |
| 335911 | Storage battery manufacturing | | | | |
| | All companies | 94 | 3 530 324 | 100.0 | X |
| | 4 largest companies | X | X | 61.8 | X |
| | 8 largest companies | X | X | 82.0 | X |
| | 20 largest companies | X | X | 92.8 | X |
| | 50 largest companies | X | X | 98.9 | 1 252.8 |
| 335912 | Primary battery manufacturing | | | | |
| | All companies | 33 | 2 890 342 | 100.0 | X |
| | 4 largest companies | X | X | 87.3 | X |
| | 8 largest companies | X | X | 97.5 | X |
| | 20 largest companies | X | X | 99.8 | X |
| | 50 largest companies | X | X | 100.0 | 2 572.9 |
| 33592 | Communication and energy wire and cable manufacturing | | | | |
| | All companies | 340 | 11 279 591 | 100.0 | X |
| | 4 largest companies | X | X | 24.7 | X |
| | 8 largest companies | X | X | 39.8 | X |
| | 20 largest companies | X | X | 67.3 | X |
| | 50 largest companies | X | X | 86.4 | 295.0 |
| 335921 | Fiber optic cable manufacturing | | | | |
| | All companies | 91 | 1 491 944 | 100.0 | X |
| | 4 largest companies | X | X | 61.8 | X |
| | 8 largest companies | X | X | 77.7 | X |
| | 20 largest companies | X | X | 88.3 | X |
| | 50 largest companies | X | X | 97.0 | 1 155.8 |
| 335929 | Other communication and energy wire manufacturing | | | | |
| | All companies | 259 | 9 787 647 | 100.0 | X |
| | 4 largest companies | X | X | 27.9 | X |
| | 8 largest companies | X | X | 43.1 | X |
| | 20 largest companies | X | X | 70.3 | X |
| | 50 largest companies | X | X | 88.4 | 336.4 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 335 | Electrical equipment, appliance, and component manufacturing—Con. | | | | |
| 3359 | Other electrical equipment and component manufacturing—Con. | | | | |
| 33593 | Wiring device manufacturing | | | | |
| | All companies | 517 | 10 380 949 | 100.0 | X |
| | 4 largest companies | X | X | 20.1 | X |
| | 8 largest companies | X | X | 32.7 | X |
| | 20 largest companies | X | X | 57.7 | X |
| | 50 largest companies | X | X | 80.7 | 222.8 |
| 335931 | Current-carrying wiring device manufacturing | | | | |
| | All companies | 396 | 6 521 552 | 100.0 | X |
| | 4 largest companies | X | X | 24.1 | X |
| | 8 largest companies | X | X | 40.3 | X |
| | 20 largest companies | X | X | 65.0 | X |
| | 50 largest companies | X | X | 83.1 | 292.4 |
| 335932 | Noncurrent-carrying wiring device manufacturing | | | | |
| | All companies | 132 | 3 859 397 | 100.0 | X |
| | 4 largest companies | X | X | 32.9 | X |
| | 8 largest companies | X | X | 53.7 | X |
| | 20 largest companies | X | X | 85.9 | X |
| | 50 largest companies | X | X | 97.8 | 489.5 |
| 33599 | All other electrical equipment and component manufacturing | | | | |
| | All companies | 1 050 | 8 665 147 | 100.0 | X |
| | 4 largest companies | X | X | 12.7 | X |
| | 8 largest companies | X | X | 21.5 | X |
| | 20 largest companies | X | X | 39.8 | X |
| | 50 largest companies | X | X | 58.9 | 102.2 |
| 335991 | Carbon and graphite product manufacturing | | | | |
| | All companies | 107 | 1 757 785 | 100.0 | X |
| | 4 largest companies | X | X | 41.3 | X |
| | 8 largest companies | X | X | 63.5 | X |
| | 20 largest companies | X | X | 82.3 | X |
| | 50 largest companies | X | X | 96.5 | 605.8 |
| 335999 | All other miscellaneous electrical equipment and component manufacturing | | | | |
| | All companies | 943 | 6 907 362 | 100.0 | X |
| | 4 largest companies | X | X | 15.9 | X |
| | 8 largest companies | X | X | 25.6 | X |
| | 20 largest companies | X | X | 42.7 | X |
| | 50 largest companies | X | X | 61.0 | 125.5 |
| 336 | Transportation equipment manufacturing | | | | |
| | All companies | 10 518 | 636 690 679 | 100.0 | X |
| | 4 largest companies | X | X | 42.1 | X |
| | 8 largest companies | X | X | 52.0 | X |
| | 20 largest companies | X | X | 65.8 | X |
| | 50 largest companies | X | X | 76.3 | 574.7 |
| 3361 | Motor vehicle manufacturing | | | | |
| | All companies | 308 | 240 767 121 | 100.0 | X |
| | 4 largest companies | X | X | 81.2 | X |
| | 8 largest companies | X | X | 91.4 | X |
| | 20 largest companies | X | X | 98.4 | X |
| | 50 largest companies | X | X | 99.6 | 2 323.5 |
| 33611 | Automobile and light duty motor vehicle manufacturing | | | | |
| | All companies | 228 | 225 196 693 | 100.0 | X |
| | 4 largest companies | X | X | 84.9 | X |
| | 8 largest companies | X | X | 95.8 | X |
| | 20 largest companies | X | X | 99.6 | X |
| | 50 largest companies | X | X | 99.8 | 2 599.5 |
| 336111 | Automobile manufacturing | | | | |
| | All companies | 164 | 88 127 061 | 100.0 | X |
| | 4 largest companies | X | X | 75.5 | X |
| | 8 largest companies | X | X | 94.2 | X |
| | 20 largest companies | X | X | 99.3 | X |
| | 50 largest companies | X | X | 99.8 | 1 910.9 |
| 336112 | Light truck and utility vehicle manufacturing | | | | |
| | All companies | 69 | 137 069 632 | 100.0 | X |
| | 4 largest companies | X | X | 95.7 | X |
| | 8 largest companies | X | X | 99.8 | X |
| | 20 largest companies | X | X | 99.9 | X |
| | 50 largest companies | X | X | 99.9 | D |
| 33612 | Heavy duty truck manufacturing | | | | |
| | All companies | 81 | 15 570 428 | 100.0 | X |
| | 4 largest companies | X | X | 69.5 | X |
| | 8 largest companies | X | X | 86.8 | X |
| | 20 largest companies | X | X | 97.0 | X |
| | 50 largest companies | X | X | 99.8 | 1 512.5 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 336 | Transportation equipment manufacturing—Con. | | | | |
| 3361 | Motor vehicle manufacturing—Con. | | | | |
| 33612 | Heavy duty truck manufacturing—Con. | | | | |
| 336120 | Heavy duty truck manufacturing | | | | |
| | All companies | 81 | 15 570 428 | 100.0 | X |
| | 4 largest companies | X | X | 69.5 | X |
| | 8 largest companies | X | X | 86.8 | X |
| | 20 largest companies | X | X | 97.0 | X |
| | 50 largest companies | X | X | 99.8 | 1 512.5 |
| 3362 | Motor vehicle body and trailer manufacturing | | | | |
| | All companies | 1 915 | 24 274 000 | 100.0 | X |
| | 4 largest companies | X | X | 20.1 | X |
| | 8 largest companies | X | X | 30.8 | X |
| | 20 largest companies | X | X | 48.2 | X |
| | 50 largest companies | X | X | 62.9 | 169.0 |
| 33621 | Motor vehicle body and trailer manufacturing | | | | |
| | All companies | 1 915 | 24 274 000 | 100.0 | X |
| | 4 largest companies | X | X | 20.1 | X |
| | 8 largest companies | X | X | 30.8 | X |
| | 20 largest companies | X | X | 48.2 | X |
| | 50 largest companies | X | X | 62.9 | 169.0 |
| 336211 | Motor vehicle body manufacturing | | | | |
| | All companies | 760 | 7 950 963 | 100.0 | X |
| | 4 largest companies | X | X | 26.3 | X |
| | 8 largest companies | X | X | 38.4 | X |
| | 20 largest companies | X | X | 54.8 | X |
| | 50 largest companies | X | X | 70.0 | 256.8 |
| 336212 | Truck trailer manufacturing | | | | |
| | All companies | 363 | 4 009 684 | 100.0 | X |
| | 4 largest companies | X | X | 40.5 | X |
| | 8 largest companies | X | X | 49.1 | X |
| | 20 largest companies | X | X | 64.3 | X |
| | 50 largest companies | X | X | 81.4 | 548.8 |
| 336213 | Motor home manufacturing | | | | |
| | All companies | 83 | 5 628 656 | 100.0 | X |
| | 4 largest companies | X | X | 57.7 | X |
| | 8 largest companies | X | X | 77.6 | X |
| | 20 largest companies | X | X | 95.3 | X |
| | 50 largest companies | X | X | 99.6 | 1 046.3 |
| 336214 | Travel trailer and camper manufacturing | | | | |
| | All companies | 733 | 6 684 697 | 100.0 | X |
| | 4 largest companies | X | X | 38.0 | X |
| | 8 largest companies | X | X | 45.8 | X |
| | 20 largest companies | X | X | 58.4 | X |
| | 50 largest companies | X | X | 72.1 | 455.3 |
| 3363 | Motor vehicle parts manufacturing | | | | |
| | All companies | 4 565 | 204 483 897 | 100.0 | X |
| | 4 largest companies | X | X | 28.6 | X |
| | 8 largest companies | X | X | 41.4 | X |
| | 20 largest companies | X | X | 56.6 | X |
| | 50 largest companies | X | X | 67.7 | 283.0 |
| 33631 | Motor vehicle gasoline engine and engine parts manufacturing | | | | |
| | All companies | 940 | 34 452 486 | 100.0 | X |
| | 4 largest companies | X | X | 50.5 | X |
| | 8 largest companies | X | X | 66.6 | X |
| | 20 largest companies | X | X | 81.1 | X |
| | 50 largest companies | X | X | 91.1 | 816.3 |
| 336311 | Carburetor, piston, piston ring, and valve manufacturing | | | | |
| | All companies | 113 | 2 004 438 | 100.0 | X |
| | 4 largest companies | X | X | 64.7 | X |
| | 8 largest companies | X | X | 83.0 | X |
| | 20 largest companies | X | X | 92.1 | X |
| | 50 largest companies | X | X | 98.2 | 1 194.1 |
| 336312 | Gasoline engine and engine parts manufacturing | | | | |
| | All companies | 835 | 32 448 048 | 100.0 | X |
| | 4 largest companies | X | X | 53.7 | X |
| | 8 largest companies | X | X | 70.8 | X |
| | 20 largest companies | X | X | 83.1 | X |
| | 50 largest companies | X | X | 92.2 | 911.8 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 336 | Transportation equipment manufacturing—Con. | | | | |
| 3363 | Motor vehicle parts manufacturing—Con. | | | | |
| 33632 | Motor vehicle electrical and electronic equipment manufacturing | | | | |
| | All companies | 786 | 25 818 446 | 100.0 | X |
| | 4 largest companies | X | X | 42.5 | X |
| | 8 largest companies | X | X | 55.4 | X |
| | 20 largest companies | X | X | 70.1 | X |
| | 50 largest companies | X | X | 84.2 | 788.2 |
| 336321 | Vehicular lighting equipment manufacturing | | | | |
| | All companies | 91 | 3 284 903 | 100.0 | X |
| | 4 largest companies | X | X | 50.7 | X |
| | 8 largest companies | X | X | 73.8 | X |
| | 20 largest companies | X | X | 92.0 | X |
| | 50 largest companies | X | X | 99.1 | 901.1 |
| 336322 | Other motor vehicle electrical and electronic equipment manufacturing | | | | |
| | All companies | 702 | 22 533 543 | 100.0 | X |
| | 4 largest companies | X | X | 45.9 | X |
| | 8 largest companies | X | X | 60.6 | X |
| | 20 largest companies | X | X | 74.9 | X |
| | 50 largest companies | X | X | 86.5 | 988.7 |
| 33633 | Motor vehicle steering and suspension component (except spring) manufacturing | | | | |
| | All companies | 199 | 10 493 720 | 100.0 | X |
| | 4 largest companies | X | X | 46.2 | X |
| | 8 largest companies | X | X | 60.0 | X |
| | 20 largest companies | X | X | 80.8 | X |
| | 50 largest companies | X | X | 96.4 | 965.6 |
| 336330 | Motor vehicle steering and suspension component (except spring) manufacturing | | | | |
| | All companies | 199 | 10 493 720 | 100.0 | X |
| | 4 largest companies | X | X | 46.2 | X |
| | 8 largest companies | X | X | 60.0 | X |
| | 20 largest companies | X | X | 80.8 | X |
| | 50 largest companies | X | X | 96.4 | 965.6 |
| 33634 | Motor vehicle brake system manufacturing | | | | |
| | All companies | 210 | 13 550 927 | 100.0 | X |
| | 4 largest companies | X | X | 51.4 | X |
| | 8 largest companies | X | X | 64.3 | X |
| | 20 largest companies | X | X | 82.8 | X |
| | 50 largest companies | X | X | 95.5 | 807.7 |
| 336340 | Motor vehicle brake system manufacturing | | | | |
| | All companies | 210 | 13 550 927 | 100.0 | X |
| | 4 largest companies | X | X | 51.4 | X |
| | 8 largest companies | X | X | 64.3 | X |
| | 20 largest companies | X | X | 82.8 | X |
| | 50 largest companies | X | X | 95.5 | 807.7 |
| 33635 | Motor vehicle transmission and power train parts manufacturing | | | | |
| | All companies | 434 | 35 063 362 | 100.0 | X |
| | 4 largest companies | X | X | 54.3 | X |
| | 8 largest companies | X | X | 72.1 | X |
| | 20 largest companies | X | X | 87.3 | X |
| | 50 largest companies | X | X | 95.3 | 909.5 |
| 336350 | Motor vehicle transmission and power train parts manufacturing | | | | |
| | All companies | 434 | 35 063 362 | 100.0 | X |
| | 4 largest companies | X | X | 54.3 | X |
| | 8 largest companies | X | X | 72.1 | X |
| | 20 largest companies | X | X | 87.3 | X |
| | 50 largest companies | X | X | 95.3 | 909.5 |
| 33636 | Motor vehicle seating and interior trim manufacturing | | | | |
| | All companies | 294 | 16 711 277 | 100.0 | X |
| | 4 largest companies | X | X | 67.6 | X |
| | 8 largest companies | X | X | 76.3 | X |
| | 20 largest companies | X | X | 84.6 | X |
| | 50 largest companies | X | X | 94.0 | 1 795.4 |
| 336360 | Motor vehicle seating and interior trim manufacturing | | | | |
| | All companies | 294 | 16 711 277 | 100.0 | X |
| | 4 largest companies | X | X | 67.6 | X |
| | 8 largest companies | X | X | 76.3 | X |
| | 20 largest companies | X | X | 84.6 | X |
| | 50 largest companies | X | X | 94.0 | 1 795.4 |
| 33637 | Motor vehicle metal stamping | | | | |
| | All companies | 673 | 25 670 747 | 100.0 | X |
| | 4 largest companies | X | X | 43.9 | X |
| | 8 largest companies | X | X | 51.2 | X |
| | 20 largest companies | X | X | 60.3 | X |
| | 50 largest companies | X | X | 72.6 | 670.3 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 336 | Transportation equipment manufacturing—Con. | | | | |
| 3363 | Motor vehicle parts manufacturing—Con. | | | | |
| 33637 | Motor vehicle metal stamping—Con. | | | | |
| 336370 | Motor vehicle metal stamping | | | | |
| | All companies | 673 | 25 670 747 | 100.0 | X |
| | 4 largest companies | X | X | 43.9 | X |
| | 8 largest companies | X | X | 51.2 | X |
| | 20 largest companies | X | X | 60.3 | X |
| | 50 largest companies | X | X | 72.6 | 670.3 |
| 33639 | Other motor vehicle parts manufacturing | | | | |
| | All companies | 1 257 | 42 722 932 | 100.0 | X |
| | 4 largest companies | X | X | 24.1 | X |
| | 8 largest companies | X | X | 33.6 | X |
| | 20 largest companies | X | X | 50.3 | X |
| | 50 largest companies | X | X | 69.5 | 215.9 |
| 336391 | Motor vehicle air-conditioning manufacturing | | | | |
| | All companies | 75 | 6 825 527 | 100.0 | X |
| | 4 largest companies | X | X | 68.1 | X |
| | 8 largest companies | X | X | 89.4 | X |
| | 20 largest companies | X | X | 98.5 | X |
| | 50 largest companies | X | X | 99.9 | 1 419.9 |
| 336399 | All other motor vehicle parts manufacturing | | | | |
| | All companies | 1 188 | 35 897 405 | 100.0 | X |
| | 4 largest companies | X | X | 20.2 | X |
| | 8 largest companies | X | X | 31.0 | X |
| | 20 largest companies | X | X | 48.5 | X |
| | 50 largest companies | X | X | 67.6 | 173.7 |
| 3364 | Aerospace product and parts manufacturing | | | | |
| | All companies | 1 260 | 124 686 207 | 100.0 | X |
| | 4 largest companies | X | X | 62.0 | X |
| | 8 largest companies | X | X | 77.5 | X |
| | 20 largest companies | X | X | 89.4 | X |
| | 50 largest companies | X | X | 93.8 | 1 518.4 |
| 33641 | Aerospace product and parts manufacturing | | | | |
| | All companies | 1 260 | 124 686 207 | 100.0 | X |
| | 4 largest companies | X | X | 62.0 | X |
| | 8 largest companies | X | X | 77.5 | X |
| | 20 largest companies | X | X | 89.4 | X |
| | 50 largest companies | X | X | 93.8 | 1 518.4 |
| 336411 | Aircraft manufacturing | | | | |
| | All companies | 184 | 64 307 364 | 100.0 | X |
| | 4 largest companies | X | X | 80.7 | X |
| | 8 largest companies | X | X | 93.6 | X |
| | 20 largest companies | X | X | 98.2 | X |
| | 50 largest companies | X | X | 99.7 | D |
| 336412 | Aircraft engine and engine parts manufacturing | | | | |
| | All companies | 296 | 23 532 038 | 100.0 | X |
| | 4 largest companies | X | X | 76.9 | X |
| | 8 largest companies | X | X | 82.4 | X |
| | 20 largest companies | X | X | 89.5 | X |
| | 50 largest companies | X | X | 94.9 | 2 527.7 |
| 336413 | Other aircraft parts and auxiliary equipment manufacturing | | | | |
| | All companies | 760 | 20 799 465 | 100.0 | X |
| | 4 largest companies | X | X | 53.6 | X |
| | 8 largest companies | X | X | 69.2 | X |
| | 20 largest companies | X | X | 79.5 | X |
| | 50 largest companies | X | X | 88.0 | 892.6 |
| 336414 | Guided missile and space vehicle manufacturing | | | | |
| | All companies | 13 | 12 518 301 | 100.0 | X |
| | 4 largest companies | X | X | 96.0 | X |
| | 8 largest companies | X | X | 99.9 | X |
| | 20 largest companies | X | X | 100.0 | D |
| | 50 largest companies | X | X | — | — |
| 336415 | Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing | | | | |
| | All companies | 16 | 2 601 373 | 100.0 | X |
| | 4 largest companies | X | X | 90.1 | X |
| | 8 largest companies | X | X | 99.2 | X |
| | 20 largest companies | X | X | 100.0 | 2 761.2 |
| | 50 largest companies | X | X | — | — |
| 336419 | Other guided missile and space vehicle parts and auxiliary equipment manufacturing | | | | |
| | All companies | 51 | 927 666 | 100.0 | X |
| | 4 largest companies | X | X | 60.3 | X |
| | 8 largest companies | X | X | 75.1 | X |
| | 20 largest companies | X | X | 95.3 | X |
| | 50 largest companies | X | X | D | 2 220.5 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 336 | Transportation equipment manufacturing—Con. | | | | |
| 3365 | Railroad rolling stock manufacturing | | | | |
| | All companies | 147 | 7 883 598 | 100.0 | X |
| | 4 largest companies | X | X | 55.0 | X |
| | 8 largest companies | X | X | 72.0 | X |
| | 20 largest companies | X | X | 89.7 | X |
| | 50 largest companies | X | X | 97.4 | 1 093.8 |
| 33651 | Railroad rolling stock manufacturing | | | | |
| | All companies | 147 | 7 883 598 | 100.0 | X |
| | 4 largest companies | X | X | 55.0 | X |
| | 8 largest companies | X | X | 72.0 | X |
| | 20 largest companies | X | X | 89.7 | X |
| | 50 largest companies | X | X | 97.4 | 1 093.8 |
| 336510 | Railroad rolling stock manufacturing | | | | |
| | All companies | 147 | 7 883 598 | 100.0 | X |
| | 4 largest companies | X | X | 55.0 | X |
| | 8 largest companies | X | X | 72.0 | X |
| | 20 largest companies | X | X | 89.7 | X |
| | 50 largest companies | X | X | 97.4 | 1 093.8 |
| 3366 | Ship and boat building | | | | |
| | All companies | 1 649 | 21 246 707 | 100.0 | X |
| | 4 largest companies | X | X | 50.8 | X |
| | 8 largest companies | X | X | 56.4 | X |
| | 20 largest companies | X | X | 64.8 | X |
| | 50 largest companies | X | X | 75.6 | 883.9 |
| 33661 | Ship and boat building | | | | |
| | All companies | 1 649 | 21 246 707 | 100.0 | X |
| | 4 largest companies | X | X | 50.8 | X |
| | 8 largest companies | X | X | 56.4 | X |
| | 20 largest companies | X | X | 64.8 | X |
| | 50 largest companies | X | X | 75.6 | 883.9 |
| 336611 | Ship building and repairing | | | | |
| | All companies | 586 | 12 775 074 | 100.0 | X |
| | 4 largest companies | X | X | 69.2 | X |
| | 8 largest companies | X | X | 74.4 | X |
| | 20 largest companies | X | X | 82.6 | X |
| | 50 largest companies | X | X | 89.7 | 2 202.7 |
| 336612 | Boat building | | | | |
| | All companies | 1 065 | 8 471 633 | 100.0 | X |
| | 4 largest companies | X | X | 37.2 | X |
| | 8 largest companies | X | X | 44.2 | X |
| | 20 largest companies | X | X | 58.3 | X |
| | 50 largest companies | X | X | 73.7 | 558.8 |
| 3369 | Other transportation equipment manufacturing | | | | |
| | All companies | 799 | 13 349 149 | 100.0 | X |
| | 4 largest companies | X | X | 47.2 | X |
| | 8 largest companies | X | X | 65.0 | X |
| | 20 largest companies | X | X | 80.3 | X |
| | 50 largest companies | X | X | 88.6 | 742.1 |
| 33699 | Other transportation equipment manufacturing | | | | |
| | All companies | 799 | 13 349 149 | 100.0 | X |
| | 4 largest companies | X | X | 47.2 | X |
| | 8 largest companies | X | X | 65.0 | X |
| | 20 largest companies | X | X | 80.3 | X |
| | 50 largest companies | X | X | 88.6 | 742.1 |
| 336991 | Motorcycle, bicycle, and parts manufacturing | | | | |
| | All companies | 348 | 4 923 158 | 100.0 | X |
| | 4 largest companies | X | X | 71.7 | X |
| | 8 largest companies | X | X | 78.1 | X |
| | 20 largest companies | X | X | 86.5 | X |
| | 50 largest companies | X | X | 93.0 | 2 041.1 |
| 336992 | Military armored vehicle, tank, and tank component manufacturing | | | | |
| | All companies | 31 | 1 455 918 | 100.0 | X |
| | 4 largest companies | X | X | 88.3 | X |
| | 8 largest companies | X | X | 93.2 | X |
| | 20 largest companies | X | X | 99.2 | X |
| | 50 largest companies | X | X | 100.0 | D |
| 336999 | All other transportation equipment manufacturing | | | | |
| | All companies | 424 | 6 970 073 | 100.0 | X |
| | 4 largest companies | X | X | 58.6 | X |
| | 8 largest companies | X | X | 78.5 | X |
| | 20 largest companies | X | X | 86.9 | X |
| | 50 largest companies | X | X | 93.8 | 1 261.0 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|---------------|--|------------------------|---|------------------------------------|--|
| 337 | Furniture and related product manufacturing | | | | |
| | All companies | 21 523 | 75 823 941 | 100.0 | X |
| | 4 largest companies | X | X | 11.0 | X |
| | 8 largest companies | X | X | 18.0 | X |
| | 20 largest companies | X | X | 28.6 | X |
| | 50 largest companies | X | X | 39.6 | 57.2 |
| 3371 | Household and institutional furniture and kitchen cabinet manufacturing | | | | |
| | All companies | 16 475 | 44 547 928 | 100.0 | X |
| | 4 largest companies | X | X | 17.0 | X |
| | 8 largest companies | X | X | 23.2 | X |
| | 20 largest companies | X | X | 32.4 | X |
| | 50 largest companies | X | X | 43.3 | 97.4 |
| 33711 | Wood kitchen cabinet and countertop manufacturing | | | | |
| | All companies | 9 452 | 14 325 411 | 100.0 | X |
| | 4 largest companies | X | X | 29.2 | X |
| | 8 largest companies | X | X | 35.1 | X |
| | 20 largest companies | X | X | 43.0 | X |
| | 50 largest companies | X | X | 50.0 | 317.5 |
| 337110 | Wood kitchen cabinet and countertop manufacturing | | | | |
| | All companies | 9 452 | 14 325 411 | 100.0 | X |
| | 4 largest companies | X | X | 29.2 | X |
| | 8 largest companies | X | X | 35.1 | X |
| | 20 largest companies | X | X | 43.0 | X |
| | 50 largest companies | X | X | 50.0 | 317.5 |
| 33712 | Household and institutional furniture manufacturing | | | | |
| | All companies | 7 034 | 30 222 517 | 100.0 | X |
| | 4 largest companies | X | X | 19.1 | X |
| | 8 largest companies | X | X | 26.1 | X |
| | 20 largest companies | X | X | 37.1 | X |
| | 50 largest companies | X | X | 49.0 | 141.9 |
| 337121 | Upholstered household furniture manufacturing | | | | |
| | All companies | 1 679 | 10 555 276 | 100.0 | X |
| | 4 largest companies | X | X | 34.7 | X |
| | 8 largest companies | X | X | 42.2 | X |
| | 20 largest companies | X | X | 53.6 | X |
| | 50 largest companies | X | X | 66.9 | 421.2 |
| 337122 | Nonupholstered wood household furniture manufacturing | | | | |
| | All companies | 3 975 | 11 555 811 | 100.0 | X |
| | 4 largest companies | X | X | 23.9 | X |
| | 8 largest companies | X | X | 34.5 | X |
| | 20 largest companies | X | X | 49.9 | X |
| | 50 largest companies | X | X | 62.0 | 217.9 |
| 337124 | Metal household furniture manufacturing | | | | |
| | All companies | 353 | 1 980 832 | 100.0 | X |
| | 4 largest companies | X | X | 27.6 | X |
| | 8 largest companies | X | X | 41.6 | X |
| | 20 largest companies | X | X | 64.2 | X |
| | 50 largest companies | X | X | 83.8 | 308.2 |
| 337125 | Household furniture (except wood and metal) manufacturing | | | | |
| | All companies | 178 | 1 041 395 | 100.0 | X |
| | 4 largest companies | X | X | 64.4 | X |
| | 8 largest companies | X | X | 76.0 | X |
| | 20 largest companies | X | X | 86.8 | X |
| | 50 largest companies | X | X | 95.5 | 2 649.2 |
| 337127 | Institutional furniture manufacturing | | | | |
| | All companies | 693 | 4 650 890 | 100.0 | X |
| | 4 largest companies | X | X | 20.9 | X |
| | 8 largest companies | X | X | 28.7 | X |
| | 20 largest companies | X | X | 43.1 | X |
| | 50 largest companies | X | X | 63.7 | 170.4 |
| 337129 | Wood television, radio, and sewing machine cabinet manufacturing | | | | |
| | All companies | 201 | 438 313 | 100.0 | X |
| | 4 largest companies | X | X | 64.4 | X |
| | 8 largest companies | X | X | 75.4 | X |
| | 20 largest companies | X | X | 84.6 | X |
| | 50 largest companies | X | X | 93.1 | 1 533.2 |
| 3372 | Office furniture (including fixtures) manufacturing | | | | |
| | All companies | 4 129 | 23 369 273 | 100.0 | X |
| | 4 largest companies | X | X | 24.2 | X |
| | 8 largest companies | X | X | 32.4 | X |
| | 20 largest companies | X | X | 41.4 | X |
| | 50 largest companies | X | X | 50.4 | 178.7 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 337 | Furniture and related product manufacturing—Con. | | | | |
| 3372 | Office furniture (including fixtures) manufacturing—Con. | | | | |
| 33721 | Office furniture (including fixtures) manufacturing | | | | |
| | All companies | 4 129 | 23 369 273 | 100.0 | X |
| | 4 largest companies | X | X | 24.2 | X |
| | 8 largest companies | X | X | 32.4 | X |
| | 20 largest companies | X | X | 41.4 | X |
| | 50 largest companies | X | X | 50.4 | 178.7 |
| 337211 | Wood office furniture manufacturing | | | | |
| | All companies | 546 | 2 873 712 | 100.0 | X |
| | 4 largest companies | X | X | 34.1 | X |
| | 8 largest companies | X | X | 43.3 | X |
| | 20 largest companies | X | X | 55.8 | X |
| | 50 largest companies | X | X | 71.6 | 424.3 |
| 337212 | Custom architectural woodwork and millwork manufacturing | | | | |
| | All companies | 1 552 | 4 144 553 | 100.0 | X |
| | 4 largest companies | X | X | 10.1 | X |
| | 8 largest companies | X | X | 14.9 | X |
| | 20 largest companies | X | X | 23.0 | X |
| | 50 largest companies | X | X | 35.6 | 44.6 |
| 337214 | Office furniture (except wood) manufacturing | | | | |
| | All companies | 261 | 7 765 762 | 100.0 | X |
| | 4 largest companies | X | X | 61.8 | X |
| | 8 largest companies | X | X | 80.0 | X |
| | 20 largest companies | X | X | 88.4 | X |
| | 50 largest companies | X | X | 94.8 | 1 139.9 |
| 337215 | Showcase, partition, shelving, and locker manufacturing | | | | |
| | All companies | 1 800 | 8 585 246 | 100.0 | X |
| | 4 largest companies | X | X | 13.7 | X |
| | 8 largest companies | X | X | 20.5 | X |
| | 20 largest companies | X | X | 31.5 | X |
| | 50 largest companies | X | X | 44.7 | 77.5 |
| 3379 | Other furniture related product manufacturing | | | | |
| | All companies | 974 | 7 906 740 | 100.0 | X |
| | 4 largest companies | X | X | 32.2 | X |
| | 8 largest companies | X | X | 44.5 | X |
| | 20 largest companies | X | X | 56.1 | X |
| | 50 largest companies | X | X | 68.1 | 350.3 |
| 33791 | Mattress manufacturing | | | | |
| | All companies | 513 | 5 113 367 | 100.0 | X |
| | 4 largest companies | X | X | 43.6 | X |
| | 8 largest companies | X | X | 52.0 | X |
| | 20 largest companies | X | X | 64.1 | X |
| | 50 largest companies | X | X | 76.2 | 654.1 |
| 337910 | Mattress manufacturing | | | | |
| | All companies | 513 | 5 113 367 | 100.0 | X |
| | 4 largest companies | X | X | 43.6 | X |
| | 8 largest companies | X | X | 52.0 | X |
| | 20 largest companies | X | X | 64.1 | X |
| | 50 largest companies | X | X | 76.2 | 654.1 |
| 33792 | Blind and shade manufacturing | | | | |
| | All companies | 461 | 2 793 373 | 100.0 | X |
| | 4 largest companies | X | X | 44.3 | X |
| | 8 largest companies | X | X | 53.3 | X |
| | 20 largest companies | X | X | 66.2 | X |
| | 50 largest companies | X | X | 81.2 | 631.4 |
| 337920 | Blind and shade manufacturing | | | | |
| | All companies | 461 | 2 793 373 | 100.0 | X |
| | 4 largest companies | X | X | 44.3 | X |
| | 8 largest companies | X | X | 53.3 | X |
| | 20 largest companies | X | X | 66.2 | X |
| | 50 largest companies | X | X | 81.2 | 631.4 |
| 339 | Miscellaneous manufacturing | | | | |
| | All companies | 31 245 | 125 289 959 | 100.0 | X |
| | 4 largest companies | X | X | 9.3 | X |
| | 8 largest companies | X | X | 13.8 | X |
| | 20 largest companies | X | X | 21.8 | X |
| | 50 largest companies | X | X | 32.7 | 41.6 |
| 3391 | Medical equipment and supplies manufacturing | | | | |
| | All companies | 11 418 | 61 772 266 | 100.0 | X |
| | 4 largest companies | X | X | 18.4 | X |
| | 8 largest companies | X | X | 26.6 | X |
| | 20 largest companies | X | X | 40.2 | X |
| | 50 largest companies | X | X | 54.9 | 148.8 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|---|------------------------------------|--|
| 339 | Miscellaneous manufacturing—Con. | | | | |
| 3391 | Medical equipment and supplies manufacturing—Con. | | | | |
| 33911 | Medical equipment and supplies manufacturing | | | | |
| | All companies | 11 418 | 61 772 266 | 100.0 | X |
| | 4 largest companies | X | X | 18.4 | X |
| | 8 largest companies | X | X | 26.6 | X |
| | 20 largest companies | X | X | 40.2 | X |
| | 50 largest companies | X | X | 54.9 | 148.8 |
| 339111 | Laboratory apparatus and furniture manufacturing | | | | |
| | All companies | 404 | 4 935 776 | 100.0 | X |
| | 4 largest companies | X | X | 32.5 | X |
| | 8 largest companies | X | X | 45.5 | X |
| | 20 largest companies | X | X | 64.1 | X |
| | 50 largest companies | X | X | 79.3 | 384.2 |
| 339112 | Surgical and medical instrument manufacturing | | | | |
| | All companies | 1 212 | 21 776 613 | 100.0 | X |
| | 4 largest companies | X | X | 28.7 | X |
| | 8 largest companies | X | X | 41.5 | X |
| | 20 largest companies | X | X | 56.9 | X |
| | 50 largest companies | X | X | 72.5 | 294.6 |
| 339113 | Surgical appliance and supplies manufacturing | | | | |
| | All companies | 1 617 | 23 853 321 | 100.0 | X |
| | 4 largest companies | X | X | 27.3 | X |
| | 8 largest companies | X | X | 38.0 | X |
| | 20 largest companies | X | X | 56.4 | X |
| | 50 largest companies | X | X | 73.2 | 279.1 |
| 339114 | Dental equipment and supplies manufacturing | | | | |
| | All companies | 849 | 3 203 243 | 100.0 | X |
| | 4 largest companies | X | X | 34.7 | X |
| | 8 largest companies | X | X | 49.1 | X |
| | 20 largest companies | X | X | 67.8 | X |
| | 50 largest companies | X | X | 79.3 | 414.5 |
| 339115 | Ophthalmic goods manufacturing | | | | |
| | All companies | 491 | 4 650 640 | 100.0 | X |
| | 4 largest companies | X | X | 41.4 | X |
| | 8 largest companies | X | X | 56.1 | X |
| | 20 largest companies | X | X | 77.7 | X |
| | 50 largest companies | X | X | 86.8 | 629.1 |
| 339116 | Dental laboratories | | | | |
| | All companies | 6 923 | 3 352 673 | 100.0 | X |
| | 4 largest companies | X | X | 12.7 | X |
| | 8 largest companies | X | X | 17.8 | X |
| | 20 largest companies | X | X | 23.2 | X |
| | 50 largest companies | X | X | 30.0 | 54.2 |
| 3399 | Other miscellaneous manufacturing | | | | |
| | All companies | 19 848 | 63 517 693 | 100.0 | X |
| | 4 largest companies | X | X | 5.6 | X |
| | 8 largest companies | X | X | 9.6 | X |
| | 20 largest companies | X | X | 17.5 | X |
| | 50 largest companies | X | X | 26.5 | 20.6 |
| 33991 | Jewelry and silverware manufacturing | | | | |
| | All companies | 3 015 | 8 886 556 | 100.0 | X |
| | 4 largest companies | X | X | 15.5 | X |
| | 8 largest companies | X | X | 23.1 | X |
| | 20 largest companies | X | X | 37.3 | X |
| | 50 largest companies | X | X | 52.8 | 117.2 |
| 339911 | Jewelry (except costume) manufacturing | | | | |
| | All companies | 1 923 | 6 404 377 | 100.0 | X |
| | 4 largest companies | X | X | 21.5 | X |
| | 8 largest companies | X | X | 30.8 | X |
| | 20 largest companies | X | X | 45.3 | X |
| | 50 largest companies | X | X | 60.0 | 195.3 |
| 339912 | Silverware and hollowware manufacturing | | | | |
| | All companies | 158 | 575 623 | 100.0 | X |
| | 4 largest companies | X | X | 61.9 | X |
| | 8 largest companies | X | X | 71.1 | X |
| | 20 largest companies | X | X | 83.2 | X |
| | 50 largest companies | X | X | 94.1 | 1 383.1 |
| 339913 | Jewelers' material and lapidary work manufacturing | | | | |
| | All companies | 290 | 1 028 634 | 100.0 | X |
| | 4 largest companies | X | X | 37.7 | X |
| | 8 largest companies | X | X | 54.1 | X |
| | 20 largest companies | X | X | 77.6 | X |
| | 50 largest companies | X | X | 91.4 | 562.5 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 339 | Miscellaneous manufacturing—Con. | | | | |
| 3399 | Other miscellaneous manufacturing—Con. | | | | |
| 33991 | Jewelry and silverware manufacturing—Con. | | | | |
| 339914 | Costume jewelry and novelty manufacturing | | | | |
| | All companies | 650 | 877 922 | 100.0 | X |
| | 4 largest companies | X | X | 22.5 | X |
| | 8 largest companies | X | X | 33.3 | X |
| | 20 largest companies | X | X | 49.6 | X |
| | 50 largest companies | X | X | 67.7 | 208.8 |
| 33992 | Sporting and athletic goods manufacturing | | | | |
| | All companies | 2 157 | 11 841 594 | 100.0 | X |
| | 4 largest companies | X | X | 22.5 | X |
| | 8 largest companies | X | X | 32.4 | X |
| | 20 largest companies | X | X | 45.7 | X |
| | 50 largest companies | X | X | 61.6 | 182.2 |
| 339920 | Sporting and athletic goods manufacturing | | | | |
| | All companies | 2 157 | 11 841 594 | 100.0 | X |
| | 4 largest companies | X | X | 22.5 | X |
| | 8 largest companies | X | X | 32.4 | X |
| | 20 largest companies | X | X | 45.7 | X |
| | 50 largest companies | X | X | 61.6 | 182.2 |
| 33993 | Doll, toy, and game manufacturing | | | | |
| | All companies | 865 | 4 048 149 | 100.0 | X |
| | 4 largest companies | X | X | 35.6 | X |
| | 8 largest companies | X | X | 44.5 | X |
| | 20 largest companies | X | X | 58.6 | X |
| | 50 largest companies | X | X | 74.5 | 419.4 |
| 339931 | Doll and stuffed toy manufacturing | | | | |
| | All companies | 134 | 328 138 | 100.0 | X |
| | 4 largest companies | X | X | 42.8 | X |
| | 8 largest companies | X | X | 61.0 | X |
| | 20 largest companies | X | X | 79.6 | X |
| | 50 largest companies | X | X | 93.8 | 622.2 |
| 339932 | Game, toy, and children's vehicle manufacturing | | | | |
| | All companies | 732 | 3 720 011 | 100.0 | X |
| | 4 largest companies | X | X | 38.8 | X |
| | 8 largest companies | X | X | 48.4 | X |
| | 20 largest companies | X | X | 63.3 | X |
| | 50 largest companies | X | X | 77.7 | 492.5 |
| 33994 | Office supplies (except paper) manufacturing | | | | |
| | All companies | 771 | 4 213 709 | 100.0 | X |
| | 4 largest companies | X | X | 40.8 | X |
| | 8 largest companies | X | X | 50.8 | X |
| | 20 largest companies | X | X | 64.7 | X |
| | 50 largest companies | X | X | 77.7 | 510.8 |
| 339941 | Pen and mechanical pencil manufacturing | | | | |
| | All companies | 87 | 1 507 692 | 100.0 | X |
| | 4 largest companies | X | X | 74.1 | X |
| | 8 largest companies | X | X | 80.8 | X |
| | 20 largest companies | X | X | 91.5 | X |
| | 50 largest companies | X | X | 98.9 | 2 159.0 |
| 339942 | Lead pencil and art good manufacturing | | | | |
| | All companies | 138 | 1 517 353 | 100.0 | X |
| | 4 largest companies | X | X | 58.3 | X |
| | 8 largest companies | X | X | 73.1 | X |
| | 20 largest companies | X | X | 86.5 | X |
| | 50 largest companies | X | X | 95.6 | 1 276.1 |
| 339943 | Marking device manufacturing | | | | |
| | All companies | 476 | 594 474 | 100.0 | X |
| | 4 largest companies | X | X | 21.7 | X |
| | 8 largest companies | X | X | 32.9 | X |
| | 20 largest companies | X | X | 51.0 | X |
| | 50 largest companies | X | X | 68.4 | 199.0 |
| 339944 | Carbon paper and inked ribbon manufacturing | | | | |
| | All companies | 72 | 594 190 | 100.0 | X |
| | 4 largest companies | X | X | 51.6 | X |
| | 8 largest companies | X | X | 69.1 | X |
| | 20 largest companies | X | X | 88.4 | X |
| | 50 largest companies | X | X | 98.9 | 910.1 |

See footnotes at end of table.

Table 2. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Total value of shipments ² (\$1,000) | Total value of shipments (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|---|------------------------------------|--|
| 339 | Miscellaneous manufacturing—Con. | | | | |
| 3399 | Other miscellaneous manufacturing—Con. | | | | |
| 33995 | Sign manufacturing | | | | |
| | All companies | 6 125 | 9 654 698 | 100.0 | X |
| | 4 largest companies | X | X | 5.2 | X |
| | 8 largest companies | X | X | 8.9 | X |
| | 20 largest companies | X | X | 16.4 | X |
| | 50 largest companies | X | X | 27.3 | 19.1 |
| 339950 | Sign manufacturing | | | | |
| | All companies | 6 125 | 9 654 698 | 100.0 | X |
| | 4 largest companies | X | X | 5.2 | X |
| | 8 largest companies | X | X | 8.9 | X |
| | 20 largest companies | X | X | 16.4 | X |
| | 50 largest companies | X | X | 27.3 | 19.1 |
| 33999 | All other miscellaneous manufacturing | | | | |
| | All companies | 6 950 | 24 872 987 | 100.0 | X |
| | 4 largest companies | X | X | 9.3 | X |
| | 8 largest companies | X | X | 15.4 | X |
| | 20 largest companies | X | X | 25.0 | X |
| | 50 largest companies | X | X | 36.5 | 44.2 |
| 339991 | Gasket, packing, and sealing device manufacturing | | | | |
| | All companies | 526 | 5 313 558 | 100.0 | X |
| | 4 largest companies | X | X | 30.8 | X |
| | 8 largest companies | X | X | 43.8 | X |
| | 20 largest companies | X | X | 58.6 | X |
| | 50 largest companies | X | X | 73.1 | 322.4 |
| 339992 | Musical instrument manufacturing | | | | |
| | All companies | 563 | 1 801 203 | 100.0 | X |
| | 4 largest companies | X | X | 36.6 | X |
| | 8 largest companies | X | X | 50.8 | X |
| | 20 largest companies | X | X | 69.0 | X |
| | 50 largest companies | X | X | 83.7 | 473.9 |
| 339993 | Fastener, button, needle, and pin manufacturing | | | | |
| | All companies | 180 | 669 359 | 100.0 | X |
| | 4 largest companies | X | X | 50.5 | X |
| | 8 largest companies | X | X | 62.1 | X |
| | 20 largest companies | X | X | 77.2 | X |
| | 50 largest companies | X | X | 91.9 | 1 277.0 |
| 339994 | Broom, brush, and mop manufacturing | | | | |
| | All companies | 269 | 2 214 378 | 100.0 | X |
| | 4 largest companies | X | X | 27.3 | X |
| | 8 largest companies | X | X | 44.0 | X |
| | 20 largest companies | X | X | 63.7 | X |
| | 50 largest companies | X | X | 82.4 | 320.9 |
| 339995 | Burial casket manufacturing | | | | |
| | All companies | 148 | 1 201 488 | 100.0 | X |
| | 4 largest companies | X | X | 73.2 | X |
| | 8 largest companies | X | X | 81.0 | X |
| | 20 largest companies | X | X | 88.9 | X |
| | 50 largest companies | X | X | 95.1 | D |
| 339999 | All other miscellaneous manufacturing | | | | |
| | All companies | 5 270 | 13 673 001 | 100.0 | X |
| | 4 largest companies | X | X | 11.4 | X |
| | 8 largest companies | X | X | 17.1 | X |
| | 20 largest companies | X | X | 25.4 | X |
| | 50 largest companies | X | X | 34.9 | 56.6 |

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

²For most industries, data are value of shipments. For industries 311411, 311412, 311421, 311422, 311711, 311712, 311941, 311999, 312210, 312221, and 312229, value of production is shown. For industry 336611, value of work done is shown.

³The Herfindahl-Hirschman index is calculated by summing the squares of the individual company percentages for the 50 largest companies or the universe, whichever is lower.

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 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|---------------|---|------------------------|-----------------------|------------------------------------|--|
| 311 | Food manufacturing | | | | |
| | All companies | 23 334 | 203 473 601 | 100.0 | X |
| | 4 largest companies | X | X | 14.8 | X |
| | 8 largest companies | X | X | 25.4 | X |
| | 20 largest companies | X | X | 41.8 | X |
| | 50 largest companies | X | X | 55.4 | 115.9 |
| 3111 | Animal food manufacturing | | | | |
| | All companies | 1 211 | 10 567 535 | 100.0 | X |
| | 4 largest companies | X | X | 39.3 | X |
| | 8 largest companies | X | X | 49.7 | X |
| | 20 largest companies | X | X | 65.3 | X |
| | 50 largest companies | X | X | 78.6 | 636.6 |
| 31111 | Animal food manufacturing | | | | |
| | All companies | 1 211 | 10 567 535 | 100.0 | X |
| | 4 largest companies | X | X | 39.3 | X |
| | 8 largest companies | X | X | 49.7 | X |
| | 20 largest companies | X | X | 65.3 | X |
| | 50 largest companies | X | X | 78.6 | 636.6 |
| 311111 | Dog and cat food manufacturing | | | | |
| | All companies | 176 | 5 921 682 | 100.0 | X |
| | 4 largest companies | X | X | 67.1 | X |
| | 8 largest companies | X | X | 81.4 | X |
| | 20 largest companies | X | X | 93.4 | X |
| | 50 largest companies | X | X | 98.1 | 1 876.1 |
| 311119 | Other animal food manufacturing | | | | |
| | All companies | 1 043 | 4 645 853 | 100.0 | X |
| | 4 largest companies | X | X | 25.4 | X |
| | 8 largest companies | X | X | 35.8 | X |
| | 20 largest companies | X | X | 52.5 | X |
| | 50 largest companies | X | X | 68.1 | 244.2 |
| 3112 | Grain and oilseed milling | | | | |
| | All companies | 506 | 17 634 556 | 100.0 | X |
| | 4 largest companies | X | X | 50.8 | X |
| | 8 largest companies | X | X | 63.8 | X |
| | 20 largest companies | X | X | 79.0 | X |
| | 50 largest companies | X | X | 91.2 | 839.1 |
| 31121 | Flour milling and malt manufacturing | | | | |
| | All companies | 285 | 2 653 657 | 100.0 | X |
| | 4 largest companies | X | X | 38.2 | X |
| | 8 largest companies | X | X | 56.8 | X |
| | 20 largest companies | X | X | 74.0 | X |
| | 50 largest companies | X | X | 91.0 | 524.4 |
| 311211 | Flour milling | | | | |
| | All companies | 211 | 2 002 207 | 100.0 | X |
| | 4 largest companies | X | X | 48.8 | X |
| | 8 largest companies | X | X | 67.4 | X |
| | 20 largest companies | X | X | 83.8 | X |
| | 50 largest companies | X | X | 96.5 | 785.3 |
| 311212 | Rice milling | | | | |
| | All companies | 62 | 518 618 | 100.0 | X |
| | 4 largest companies | X | X | 56.8 | X |
| | 8 largest companies | X | X | 71.0 | X |
| | 20 largest companies | X | X | 90.8 | X |
| | 50 largest companies | X | X | 99.8 | 1 434.9 |
| 311213 | Malt manufacturing | | | | |
| | All companies | 16 | 132 832 | 100.0 | X |
| | 4 largest companies | X | X | 86.8 | X |
| | 8 largest companies | X | X | 97.9 | X |
| | 20 largest companies | X | X | 100.0 | 1 999.3 |
| | 50 largest companies | X | X | — | — |
| 31122 | Starch and vegetable fats and oils manufacturing | | | | |
| | All companies | 191 | 8 235 076 | 100.0 | X |
| | 4 largest companies | X | X | 57.2 | X |
| | 8 largest companies | X | X | 70.1 | X |
| | 20 largest companies | X | X | 89.2 | X |
| | 50 largest companies | X | X | 98.1 | 1 204.0 |
| 311221 | Wet corn milling | | | | |
| | All companies | 35 | 3 181 182 | 100.0 | X |
| | 4 largest companies | X | X | 69.0 | X |
| | 8 largest companies | X | X | 88.6 | X |
| | 20 largest companies | X | X | 99.7 | X |
| | 50 largest companies | X | X | 100.0 | 1 471.3 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 311 | Food manufacturing—Con. | | | | |
| 3112 | Grain and oilseed milling—Con. | | | | |
| 31122 | Starch and vegetable fats and oils manufacturing—Con. | | | | |
| 311222 | Soybean processing | | | | |
| | All companies | 62 | 3 003 967 | 100.0 | X |
| | 4 largest companies | X | X | D | X |
| | 8 largest companies | X | X | 95.3 | X |
| | 20 largest companies | X | X | 99.9 | X |
| | 50 largest companies | X | X | 99.9 | 2 785.2 |
| 311223 | Other oilseed processing | | | | |
| | All companies | 34 | 366 756 | 100.0 | X |
| | 4 largest companies | X | X | 65.2 | X |
| | 8 largest companies | X | X | 81.5 | X |
| | 20 largest companies | X | X | 98.5 | X |
| | 50 largest companies | X | X | 100.0 | 1 579.9 |
| 311225 | Fats and oils refining and blending | | | | |
| | All companies | 77 | 1 683 171 | 100.0 | X |
| | 4 largest companies | X | X | 57.8 | X |
| | 8 largest companies | X | X | 77.6 | X |
| | 20 largest companies | X | X | 93.7 | X |
| | 50 largest companies | X | X | 99.8 | 1 026.6 |
| 31123 | Breakfast cereal manufacturing | | | | |
| | All companies | 45 | 6 745 823 | 100.0 | X |
| | 4 largest companies | X | X | 82.1 | X |
| | 8 largest companies | X | X | 92.5 | X |
| | 20 largest companies | X | X | 99.0 | X |
| | 50 largest companies | X | X | 100.0 | 2 999.6 |
| 311230 | Breakfast cereal manufacturing | | | | |
| | All companies | 45 | 6 745 823 | 100.0 | X |
| | 4 largest companies | X | X | 82.1 | X |
| | 8 largest companies | X | X | 92.5 | X |
| | 20 largest companies | X | X | 99.0 | X |
| | 50 largest companies | X | X | 100.0 | 2 999.6 |
| 3113 | Sugar and confectionery product manufacturing | | | | |
| | All companies | 1 656 | 13 530 717 | 100.0 | X |
| | 4 largest companies | X | X | 43.4 | X |
| | 8 largest companies | X | X | 53.3 | X |
| | 20 largest companies | X | X | 68.9 | X |
| | 50 largest companies | X | X | 82.9 | 681.8 |
| 31131 | Sugar manufacturing | | | | |
| | All companies | 52 | 2 164 122 | 100.0 | X |
| | 4 largest companies | X | X | 52.8 | X |
| | 8 largest companies | X | X | 71.6 | X |
| | 20 largest companies | X | X | 95.2 | X |
| | 50 largest companies | X | X | D | 855.5 |
| 311311 | Sugarcane mills | | | | |
| | All companies | 30 | 615 828 | 100.0 | X |
| | 4 largest companies | X | X | 56.6 | X |
| | 8 largest companies | X | X | 79.6 | X |
| | 20 largest companies | X | X | 99.9 | X |
| | 50 largest companies | X | X | 100.0 | 1 046.6 |
| 311312 | Cane sugar refining | | | | |
| | All companies | 13 | 535 419 | 100.0 | X |
| | 4 largest companies | X | X | D | X |
| | 8 largest companies | X | X | 99.9 | X |
| | 20 largest companies | X | X | 100.0 | 2 885.2 |
| | 50 largest companies | X | X | — | — |
| 311313 | Beet sugar manufacturing | | | | |
| | All companies | 12 | 1 012 875 | 100.0 | X |
| | 4 largest companies | X | X | 85.3 | X |
| | 8 largest companies | X | X | 97.7 | X |
| | 20 largest companies | X | X | 100.0 | 2 208.9 |
| | 50 largest companies | X | X | — | — |
| 31132 | Chocolate and confectionery manufacturing from cacao beans | | | | |
| | All companies | 138 | 1 903 829 | 100.0 | X |
| | 4 largest companies | X | X | 73.0 | X |
| | 8 largest companies | X | X | 87.1 | X |
| | 20 largest companies | X | X | 96.5 | X |
| | 50 largest companies | X | X | 98.7 | 2 267.6 |
| 311320 | Chocolate and confectionery manufacturing from cacao beans | | | | |
| | All companies | 138 | 1 903 829 | 100.0 | X |
| | 4 largest companies | X | X | 73.0 | X |
| | 8 largest companies | X | X | 87.1 | X |
| | 20 largest companies | X | X | 96.5 | X |
| | 50 largest companies | X | X | 98.7 | 2 267.6 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 311 | Food manufacturing—Con. | | | | |
| 3113 | Sugar and confectionery product manufacturing—Con. | | | | |
| 31133 | Confectionery manufacturing from purchased chocolate | | | | |
| | All companies | 1 008 | 5 708 718 | 100.0 | X |
| | 4 largest companies | X | X | 65.5 | X |
| | 8 largest companies | X | X | 75.6 | X |
| | 20 largest companies | X | X | 83.4 | X |
| | 50 largest companies | X | X | 89.4 | 1 690.3 |
| 311330 | Confectionery manufacturing from purchased chocolate | | | | |
| | All companies | 1 008 | 5 708 718 | 100.0 | X |
| | 4 largest companies | X | X | 65.5 | X |
| | 8 largest companies | X | X | 75.6 | X |
| | 20 largest companies | X | X | 83.4 | X |
| | 50 largest companies | X | X | 89.4 | 1 690.3 |
| 31134 | Nonchocolate confectionery manufacturing | | | | |
| | All companies | 476 | 3 754 048 | 100.0 | X |
| | 4 largest companies | X | X | 47.6 | X |
| | 8 largest companies | X | X | 61.0 | X |
| | 20 largest companies | X | X | 77.9 | X |
| | 50 largest companies | X | X | 91.4 | 702.3 |
| 311340 | Nonchocolate confectionery manufacturing | | | | |
| | All companies | 476 | 3 754 048 | 100.0 | X |
| | 4 largest companies | X | X | 47.6 | X |
| | 8 largest companies | X | X | 61.0 | X |
| | 20 largest companies | X | X | 77.9 | X |
| | 50 largest companies | X | X | 91.4 | 702.3 |
| 3114 | Fruit and vegetable preserving and specialty food manufacturing | | | | |
| | All companies | 1 360 | 29 628 205 | 100.0 | X |
| | 4 largest companies | X | X | 27.7 | X |
| | 8 largest companies | X | X | 39.6 | X |
| | 20 largest companies | X | X | 55.0 | X |
| | 50 largest companies | X | X | 72.1 | 274.9 |
| 31141 | Frozen food manufacturing | | | | |
| | All companies | 506 | 12 044 309 | 100.0 | X |
| | 4 largest companies | X | X | 36.4 | X |
| | 8 largest companies | X | X | 48.9 | X |
| | 20 largest companies | X | X | 67.3 | X |
| | 50 largest companies | X | X | 83.4 | 456.5 |
| 311411 | Frozen fruit, juice, and vegetable manufacturing | | | | |
| | All companies | 153 | 4 792 013 | 100.0 | X |
| | 4 largest companies | X | X | 36.1 | X |
| | 8 largest companies | X | X | 55.7 | X |
| | 20 largest companies | X | X | 80.2 | X |
| | 50 largest companies | X | X | 94.4 | 509.0 |
| 311412 | Frozen specialty food manufacturing | | | | |
| | All companies | 361 | 7 252 296 | 100.0 | X |
| | 4 largest companies | X | X | 44.5 | X |
| | 8 largest companies | X | X | 58.9 | X |
| | 20 largest companies | X | X | 76.0 | X |
| | 50 largest companies | X | X | 88.6 | 749.2 |
| 31142 | Fruit and vegetable canning, pickling, and drying | | | | |
| | All companies | 877 | 17 583 896 | 100.0 | X |
| | 4 largest companies | X | X | 31.2 | X |
| | 8 largest companies | X | X | 43.9 | X |
| | 20 largest companies | X | X | 62.4 | X |
| | 50 largest companies | X | X | 78.9 | 427.9 |
| 311421 | Fruit and vegetable canning | | | | |
| | All companies | 632 | 9 431 910 | 100.0 | X |
| | 4 largest companies | X | X | 24.9 | X |
| | 8 largest companies | X | X | 41.0 | X |
| | 20 largest companies | X | X | 61.4 | X |
| | 50 largest companies | X | X | 80.5 | 273.6 |
| 311422 | Specialty canning | | | | |
| | All companies | 115 | 5 178 505 | 100.0 | X |
| | 4 largest companies | X | X | 74.2 | X |
| | 8 largest companies | X | X | 85.6 | X |
| | 20 largest companies | X | X | 94.1 | X |
| | 50 largest companies | X | X | 99.0 | D |
| 311423 | Dried and dehydrated food manufacturing | | | | |
| | All companies | 151 | 2 973 481 | 100.0 | X |
| | 4 largest companies | X | X | 53.6 | X |
| | 8 largest companies | X | X | 69.6 | X |
| | 20 largest companies | X | X | 84.8 | X |
| | 50 largest companies | X | X | 96.2 | 1 030.2 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added ² (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|------------------------------------|------------------------------------|--|
| 311 | Food manufacturing—Con. | | | | |
| 3115 | Dairy product manufacturing | | | | |
| | All companies | 1 170 | 22 319 986 | 100.0 | X |
| | 4 largest companies | X | X | 29.6 | X |
| | 8 largest companies | X | X | 42.5 | X |
| | 20 largest companies | X | X | 61.4 | X |
| | 50 largest companies | X | X | 77.6 | 356.0 |
| 31151 | Dairy product (except frozen) manufacturing | | | | |
| | All companies | 825 | 17 909 069 | 100.0 | X |
| | 4 largest companies | X | X | 34.6 | X |
| | 8 largest companies | X | X | 46.4 | X |
| | 20 largest companies | X | X | 64.2 | X |
| | 50 largest companies | X | X | 79.2 | 422.3 |
| 311511 | Fluid milk manufacturing | | | | |
| | All companies | 315 | 8 367 532 | 100.0 | X |
| | 4 largest companies | X | X | 46.2 | X |
| | 8 largest companies | X | X | 56.8 | X |
| | 20 largest companies | X | X | 71.4 | X |
| | 50 largest companies | X | X | 85.0 | 1 012.7 |
| 311512 | Creamery butter manufacturing | | | | |
| | All companies | 33 | 268 567 | 100.0 | X |
| | 4 largest companies | X | X | 66.9 | X |
| | 8 largest companies | X | X | 85.8 | X |
| | 20 largest companies | X | X | 99.3 | X |
| | 50 largest companies | X | X | 100.0 | 1 421.5 |
| 311513 | Cheese manufacturing | | | | |
| | All companies | 366 | 5 030 722 | 100.0 | X |
| | 4 largest companies | X | X | 43.5 | X |
| | 8 largest companies | X | X | 56.9 | X |
| | 20 largest companies | X | X | 76.5 | X |
| | 50 largest companies | X | X | 90.2 | 693.2 |
| 311514 | Dry, condensed, and evaporated dairy product manufacturing | | | | |
| | All companies | 158 | 4 242 248 | 100.0 | X |
| | 4 largest companies | X | X | 67.2 | X |
| | 8 largest companies | X | X | 76.1 | X |
| | 20 largest companies | X | X | 88.1 | X |
| | 50 largest companies | X | X | 97.2 | 1 780.5 |
| 31152 | Ice cream and frozen dessert manufacturing | | | | |
| | All companies | 364 | 4 410 917 | 100.0 | X |
| | 4 largest companies | X | X | 54.2 | X |
| | 8 largest companies | X | X | 69.6 | X |
| | 20 largest companies | X | X | 84.1 | X |
| | 50 largest companies | X | X | 93.0 | 880.7 |
| 311520 | Ice cream and frozen dessert manufacturing | | | | |
| | All companies | 364 | 4 410 917 | 100.0 | X |
| | 4 largest companies | X | X | 54.2 | X |
| | 8 largest companies | X | X | 69.6 | X |
| | 20 largest companies | X | X | 84.1 | X |
| | 50 largest companies | X | X | 93.0 | 880.7 |
| 3116 | Animal slaughtering and processing | | | | |
| | All companies | 3 335 | 40 734 141 | 100.0 | X |
| | 4 largest companies | X | X | 36.1 | X |
| | 8 largest companies | X | X | 50.9 | X |
| | 20 largest companies | X | X | 63.5 | X |
| | 50 largest companies | X | X | 74.2 | 581.8 |
| 31161 | Animal slaughtering and processing | | | | |
| | All companies | 3 335 | 40 734 141 | 100.0 | X |
| | 4 largest companies | X | X | 36.1 | X |
| | 8 largest companies | X | X | 50.9 | X |
| | 20 largest companies | X | X | 63.5 | X |
| | 50 largest companies | X | X | 74.2 | 581.8 |
| 311611 | Animal (except poultry) slaughtering | | | | |
| | All companies | 1 777 | 10 549 495 | 100.0 | X |
| | 4 largest companies | X | X | 50.7 | X |
| | 8 largest companies | X | X | 67.9 | X |
| | 20 largest companies | X | X | 79.8 | X |
| | 50 largest companies | X | X | 88.8 | 783.0 |
| 311612 | Meat processed from carcasses | | | | |
| | All companies | 1 194 | 9 826 690 | 100.0 | X |
| | 4 largest companies | X | X | 26.1 | X |
| | 8 largest companies | X | X | 36.1 | X |
| | 20 largest companies | X | X | 50.3 | X |
| | 50 largest companies | X | X | 65.0 | 231.1 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 311 | Food manufacturing—Con. | | | | |
| 3116 | Animal slaughtering and processing—Con. | | | | |
| 31161 | Animal slaughtering and processing—Con. | | | | |
| 311613 | Rendering and meat byproduct processing | | | | |
| | All companies | 122 | 1 182 598 | 100.0 | X |
| | 4 largest companies | X | X | 42.4 | X |
| | 8 largest companies | X | X | 57.9 | X |
| | 20 largest companies | X | X | 80.8 | X |
| | 50 largest companies | X | X | 95.0 | 615.6 |
| 311615 | Poultry processing | | | | |
| | All companies | 310 | 19 175 358 | 100.0 | X |
| | 4 largest companies | X | X | 53.8 | X |
| | 8 largest companies | X | X | 65.6 | X |
| | 20 largest companies | X | X | 81.1 | X |
| | 50 largest companies | X | X | 93.8 | 1 139.6 |
| 3117 | Seafood product preparation and packaging | | | | |
| | All companies | 648 | 3 264 610 | 100.0 | X |
| | 4 largest companies | X | X | 18.8 | X |
| | 8 largest companies | X | X | 27.8 | X |
| | 20 largest companies | X | X | 45.2 | X |
| | 50 largest companies | X | X | 68.5 | 158.0 |
| 31171 | Seafood product preparation and packaging | | | | |
| | All companies | 648 | 3 264 610 | 100.0 | X |
| | 4 largest companies | X | X | 18.8 | X |
| | 8 largest companies | X | X | 27.8 | X |
| | 20 largest companies | X | X | 45.2 | X |
| | 50 largest companies | X | X | 68.5 | 158.0 |
| 311711 | Seafood canning | | | | |
| | All companies | 128 | 424 368 | 100.0 | X |
| | 4 largest companies | X | X | 39.6 | X |
| | 8 largest companies | X | X | 56.5 | X |
| | 20 largest companies | X | X | 83.7 | X |
| | 50 largest companies | X | X | 95.5 | 635.3 |
| 311712 | Fresh and frozen seafood processing | | | | |
| | All companies | 529 | 2 840 242 | 100.0 | X |
| | 4 largest companies | X | X | 19.5 | X |
| | 8 largest companies | X | X | 28.9 | X |
| | 20 largest companies | X | X | 48.0 | X |
| | 50 largest companies | X | X | 71.7 | 175.4 |
| 3118 | Bakeries and tortilla manufacturing | | | | |
| | All companies | 10 413 | 32 104 360 | 100.0 | X |
| | 4 largest companies | X | X | 31.5 | X |
| | 8 largest companies | X | X | 48.3 | X |
| | 20 largest companies | X | X | 61.2 | X |
| | 50 largest companies | X | X | 70.4 | 370.4 |
| 31181 | Bread and bakery product manufacturing | | | | |
| | All companies | 9 515 | 20 746 411 | 100.0 | X |
| | 4 largest companies | X | X | 41.1 | X |
| | 8 largest companies | X | X | 53.0 | X |
| | 20 largest companies | X | X | 61.4 | X |
| | 50 largest companies | X | X | 69.4 | 581.4 |
| 311811 | Retail bakeries | | | | |
| | All companies | 7 079 | 1 880 414 | 100.0 | X |
| | 4 largest companies | X | X | 4.0 | X |
| | 8 largest companies | X | X | 6.5 | X |
| | 20 largest companies | X | X | 10.4 | X |
| | 50 largest companies | X | X | 15.8 | 8.0 |
| 311812 | Commercial bakeries | | | | |
| | All companies | 2 259 | 16 652 807 | 100.0 | X |
| | 4 largest companies | X | X | 48.3 | X |
| | 8 largest companies | X | X | 62.6 | X |
| | 20 largest companies | X | X | 71.2 | X |
| | 50 largest companies | X | X | 79.8 | 844.0 |
| 311813 | Frozen cakes, pies, and other pastries manufacturing | | | | |
| | All companies | 227 | 2 213 190 | 100.0 | X |
| | 4 largest companies | X | X | 30.4 | X |
| | 8 largest companies | X | X | 43.6 | X |
| | 20 largest companies | X | X | 66.8 | X |
| | 50 largest companies | X | X | 86.2 | 361.3 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 311 | Food manufacturing—Con. | | | | |
| 3118 | Bakeries and tortilla manufacturing—Con. | | | | |
| 31182 | Cookie, cracker, and pasta manufacturing | | | | |
| | All companies | 655 | 10 386 980 | 100.0 | X |
| | 4 largest companies | X | X | 54.9 | X |
| | 8 largest companies | X | X | 65.3 | X |
| | 20 largest companies | X | X | 79.7 | X |
| | 50 largest companies | X | X | 89.7 | 1 038.2 |
| 311821 | Cookie and cracker manufacturing | | | | |
| | All companies | 296 | 7 387 602 | 100.0 | X |
| | 4 largest companies | X | X | 70.9 | X |
| | 8 largest companies | X | X | 81.3 | X |
| | 20 largest companies | X | X | 91.4 | X |
| | 50 largest companies | X | X | 96.4 | 1 901.2 |
| 311822 | Flour mixes and dough manufacturing from purchased flour | | | | |
| | All companies | 183 | 2 345 803 | 100.0 | X |
| | 4 largest companies | X | X | 50.7 | X |
| | 8 largest companies | X | X | 63.4 | X |
| | 20 largest companies | X | X | 79.9 | X |
| | 50 largest companies | X | X | 93.1 | 1 286.1 |
| 311823 | Dry pasta manufacturing | | | | |
| | All companies | 185 | 653 575 | 100.0 | X |
| | 4 largest companies | X | X | 61.0 | X |
| | 8 largest companies | X | X | 77.7 | X |
| | 20 largest companies | X | X | 86.4 | X |
| | 50 largest companies | X | X | 94.2 | 1 215.0 |
| 31183 | Tortilla manufacturing | | | | |
| | All companies | 272 | 970 969 | 100.0 | X |
| | 4 largest companies | X | X | 59.3 | X |
| | 8 largest companies | X | X | 65.4 | X |
| | 20 largest companies | X | X | 75.2 | X |
| | 50 largest companies | X | X | 88.3 | 2 355.4 |
| 311830 | Tortilla manufacturing | | | | |
| | All companies | 272 | 970 969 | 100.0 | X |
| | 4 largest companies | X | X | 59.3 | X |
| | 8 largest companies | X | X | 65.4 | X |
| | 20 largest companies | X | X | 75.2 | X |
| | 50 largest companies | X | X | 88.3 | 2 355.4 |
| 3119 | Other food manufacturing | | | | |
| | All companies | 3 412 | 33 689 491 | 100.0 | X |
| | 4 largest companies | X | X | 41.4 | X |
| | 8 largest companies | X | X | 49.5 | X |
| | 20 largest companies | X | X | 58.2 | X |
| | 50 largest companies | X | X | 68.0 | 627.8 |
| 31191 | Snack food manufacturing | | | | |
| | All companies | 411 | 10 466 701 | 100.0 | X |
| | 4 largest companies | X | X | 64.0 | X |
| | 8 largest companies | X | X | 71.5 | X |
| | 20 largest companies | X | X | 82.7 | X |
| | 50 largest companies | X | X | 91.3 | 2 717.1 |
| 311911 | Roasted nuts and peanut butter manufacturing | | | | |
| | All companies | 145 | 1 860 216 | 100.0 | X |
| | 4 largest companies | X | X | 37.5 | X |
| | 8 largest companies | X | X | 59.2 | X |
| | 20 largest companies | X | X | 80.6 | X |
| | 50 largest companies | X | X | 94.4 | 546.7 |
| 311919 | Other snack food manufacturing | | | | |
| | All companies | 267 | 8 606 485 | 100.0 | X |
| | 4 largest companies | X | X | 76.4 | X |
| | 8 largest companies | X | X | 83.8 | X |
| | 20 largest companies | X | X | 90.9 | X |
| | 50 largest companies | X | X | 95.9 | D |
| 31192 | Coffee and tea manufacturing | | | | |
| | All companies | 258 | 2 879 879 | 100.0 | X |
| | 4 largest companies | X | X | 51.6 | X |
| | 8 largest companies | X | X | 63.4 | X |
| | 20 largest companies | X | X | 82.0 | X |
| | 50 largest companies | X | X | 93.3 | 779.8 |
| 311920 | Coffee and tea manufacturing | | | | |
| | All companies | 258 | 2 879 879 | 100.0 | X |
| | 4 largest companies | X | X | 51.6 | X |
| | 8 largest companies | X | X | 63.4 | X |
| | 20 largest companies | X | X | 82.0 | X |
| | 50 largest companies | X | X | 93.3 | 779.8 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added ² (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|------------------------------------|------------------------------------|--|
| 311 | Food manufacturing—Con. | | | | |
| 3119 | Other food manufacturing—Con. | | | | |
| 31193 | Flavoring syrup and concentrate manufacturing | | | | |
| | All companies | 144 | 6 965 186 | 100.0 | X |
| | 4 largest companies | X | X | D | X |
| | 8 largest companies | X | X | 91.8 | X |
| | 20 largest companies | X | X | 94.6 | X |
| | 50 largest companies | X | X | 97.8 | D |
| 311930 | Flavoring syrup and concentrate manufacturing | | | | |
| | All companies | 144 | 6 965 186 | 100.0 | X |
| | 4 largest companies | X | X | D | X |
| | 8 largest companies | X | X | 91.8 | X |
| | 20 largest companies | X | X | 94.6 | X |
| | 50 largest companies | X | X | 97.8 | D |
| 31194 | Seasoning and dressing manufacturing | | | | |
| | All companies | 531 | 5 816 082 | 100.0 | X |
| | 4 largest companies | X | X | 24.1 | X |
| | 8 largest companies | X | X | 37.4 | X |
| | 20 largest companies | X | X | 56.8 | X |
| | 50 largest companies | X | X | 74.8 | 254.5 |
| 311941 | Mayonnaise, dressing, and other prepared sauce manufacturing | | | | |
| | All companies | 261 | 2 753 004 | 100.0 | X |
| | 4 largest companies | X | X | 42.0 | X |
| | 8 largest companies | X | X | 59.6 | X |
| | 20 largest companies | X | X | 76.5 | X |
| | 50 largest companies | X | X | 88.1 | 648.9 |
| 311942 | Spice and extract manufacturing | | | | |
| | All companies | 276 | 3 063 078 | 100.0 | X |
| | 4 largest companies | X | X | 29.0 | X |
| | 8 largest companies | X | X | 41.4 | X |
| | 20 largest companies | X | X | 60.3 | X |
| | 50 largest companies | X | X | 81.0 | 343.0 |
| 31199 | All other food manufacturing | | | | |
| | All companies | 2 121 | 7 561 643 | 100.0 | X |
| | 4 largest companies | X | X | 22.1 | X |
| | 8 largest companies | X | X | 29.1 | X |
| | 20 largest companies | X | X | 42.2 | X |
| | 50 largest companies | X | X | 57.0 | 161.6 |
| 311991 | Perishable prepared food manufacturing | | | | |
| | All companies | 567 | 2 729 657 | 100.0 | X |
| | 4 largest companies | X | X | 25.2 | X |
| | 8 largest companies | X | X | 37.1 | X |
| | 20 largest companies | X | X | 53.1 | X |
| | 50 largest companies | X | X | 72.3 | 263.6 |
| 311999 | All other miscellaneous food manufacturing | | | | |
| | All companies | 1 561 | 4 831 986 | 100.0 | X |
| | 4 largest companies | X | X | 27.0 | X |
| | 8 largest companies | X | X | 35.9 | X |
| | 20 largest companies | X | X | 50.3 | X |
| | 50 largest companies | X | X | 66.2 | 260.0 |
| 312 | Beverage and tobacco product manufacturing | | | | |
| | All companies | 2 534 | 66 670 063 | 100.0 | X |
| | 4 largest companies | X | X | 52.4 | X |
| | 8 largest companies | X | X | 63.6 | X |
| | 20 largest companies | X | X | 79.2 | X |
| | 50 largest companies | X | X | 88.9 | 1 105.8 |
| 3121 | Beverage manufacturing | | | | |
| | All companies | 2 445 | 32 877 263 | 100.0 | X |
| | 4 largest companies | X | X | 36.4 | X |
| | 8 largest companies | X | X | 51.4 | X |
| | 20 largest companies | X | X | 71.0 | X |
| | 50 largest companies | X | X | 82.6 | 564.7 |
| 31211 | Soft drink and ice manufacturing | | | | |
| | All companies | 916 | 14 006 584 | 100.0 | X |
| | 4 largest companies | X | X | 41.0 | X |
| | 8 largest companies | X | X | 57.3 | X |
| | 20 largest companies | X | X | 74.2 | X |
| | 50 largest companies | X | X | 86.5 | 571.9 |
| 312111 | Soft drink manufacturing | | | | |
| | All companies | 294 | 12 392 910 | 100.0 | X |
| | 4 largest companies | X | X | 46.3 | X |
| | 8 largest companies | X | X | 63.7 | X |
| | 20 largest companies | X | X | 79.9 | X |
| | 50 largest companies | X | X | 91.3 | 709.9 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 312 | Beverage and tobacco product manufacturing—Con. | | | | |
| 3121 | Beverage manufacturing—Con. | | | | |
| 31211 | Soft drink and ice manufacturing—Con. | | | | |
| 312112 | Bottled water manufacturing | | | | |
| | All companies | 201 | 1 125 665 | 100.0 | X |
| | 4 largest companies | X | X | 66.9 | X |
| | 8 largest companies | X | X | 79.0 | X |
| | 20 largest companies | X | X | 88.1 | X |
| | 50 largest companies | X | X | 95.8 | 1 538.6 |
| 312113 | Ice manufacturing | | | | |
| | All companies | 425 | 488 009 | 100.0 | X |
| | 4 largest companies | X | X | 43.9 | X |
| | 8 largest companies | X | X | 51.8 | X |
| | 20 largest companies | X | X | 62.3 | X |
| | 50 largest companies | X | X | 74.2 | 779.2 |
| 31212 | Breweries | | | | |
| | All companies | 349 | 10 972 084 | 100.0 | X |
| | 4 largest companies | X | X | 90.5 | X |
| | 8 largest companies | X | X | 93.9 | X |
| | 20 largest companies | X | X | 96.4 | X |
| | 50 largest companies | X | X | 98.1 | D |
| 312120 | Breweries | | | | |
| | All companies | 349 | 10 972 084 | 100.0 | X |
| | 4 largest companies | X | X | 90.5 | X |
| | 8 largest companies | X | X | 93.9 | X |
| | 20 largest companies | X | X | 96.4 | X |
| | 50 largest companies | X | X | 98.1 | D |
| 31213 | Wineries | | | | |
| | All companies | 1 127 | 5 197 127 | 100.0 | X |
| | 4 largest companies | X | X | 45.6 | X |
| | 8 largest companies | X | X | 60.6 | X |
| | 20 largest companies | X | X | 71.9 | X |
| | 50 largest companies | X | X | 80.6 | 869.1 |
| 312130 | Wineries | | | | |
| | All companies | 1 127 | 5 197 127 | 100.0 | X |
| | 4 largest companies | X | X | 45.6 | X |
| | 8 largest companies | X | X | 60.6 | X |
| | 20 largest companies | X | X | 71.9 | X |
| | 50 largest companies | X | X | 80.6 | 869.1 |
| 31214 | Distilleries | | | | |
| | All companies | 67 | 2 701 468 | 100.0 | X |
| | 4 largest companies | X | X | 78.9 | X |
| | 8 largest companies | X | X | 89.4 | X |
| | 20 largest companies | X | X | 99.2 | X |
| | 50 largest companies | X | X | 99.9 | 2 089.5 |
| 312140 | Distilleries | | | | |
| | All companies | 67 | 2 701 468 | 100.0 | X |
| | 4 largest companies | X | X | 78.9 | X |
| | 8 largest companies | X | X | 89.4 | X |
| | 20 largest companies | X | X | 99.2 | X |
| | 50 largest companies | X | X | 99.9 | 2 089.5 |
| 3122 | Tobacco manufacturing | | | | |
| | All companies | 91 | 33 792 800 | 100.0 | X |
| | 4 largest companies | X | X | 88.9 | X |
| | 8 largest companies | X | X | 95.2 | X |
| | 20 largest companies | X | X | 99.3 | X |
| | 50 largest companies | X | X | 99.9 | D |
| 31221 | Tobacco stemming and redrying | | | | |
| | All companies | 13 | 254 981 | 100.0 | X |
| | 4 largest companies | X | X | 84.2 | X |
| | 8 largest companies | X | X | 98.2 | X |
| | 20 largest companies | X | X | 100.0 | 2 905.9 |
| | 50 largest companies | X | X | — | — |
| 312210 | Tobacco stemming and redrying | | | | |
| | All companies | 13 | 254 981 | 100.0 | X |
| | 4 largest companies | X | X | 84.2 | X |
| | 8 largest companies | X | X | 98.2 | X |
| | 20 largest companies | X | X | 100.0 | 2 905.9 |
| | 50 largest companies | X | X | — | — |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 312 | Beverage and tobacco product manufacturing—Con. | | | | |
| 3122 | Tobacco manufacturing—Con. | | | | |
| 31222 | Tobacco product manufacturing | | | | |
| | All companies | 84 | 33 537 819 | 100.0 | X |
| | 4 largest companies | X | X | 89.5 | X |
| | 8 largest companies | X | X | 95.8 | X |
| | 20 largest companies | X | X | 99.5 | X |
| | 50 largest companies | X | X | 99.9 | D |
| 312221 | Cigarette manufacturing | | | | |
| | All companies | 15 | 30 632 954 | 100.0 | X |
| | 4 largest companies | X | X | 95.3 | X |
| | 8 largest companies | X | X | 99.4 | X |
| | 20 largest companies | X | X | 100.0 | D |
| | 50 largest companies | X | X | — | — |
| 312229 | Other tobacco product manufacturing | | | | |
| | All companies | 70 | 2 904 865 | 100.0 | X |
| | 4 largest companies | X | X | 78.6 | X |
| | 8 largest companies | X | X | 93.1 | X |
| | 20 largest companies | X | X | 98.8 | X |
| | 50 largest companies | X | X | 99.9 | D |
| 313 | Textile mills | | | | |
| | All companies | 3 279 | 19 403 354 | 100.0 | X |
| | 4 largest companies | X | X | 15.6 | X |
| | 8 largest companies | X | X | 23.2 | X |
| | 20 largest companies | X | X | 37.1 | X |
| | 50 largest companies | X | X | 54.9 | 108.4 |
| 3131 | Fiber, yarn, and thread mills | | | | |
| | All companies | 384 | 3 608 095 | 100.0 | X |
| | 4 largest companies | X | X | 39.1 | X |
| | 8 largest companies | X | X | 52.6 | X |
| | 20 largest companies | X | X | 70.9 | X |
| | 50 largest companies | X | X | 86.8 | 549.2 |
| 31311 | Fiber, yarn, and thread mills | | | | |
| | All companies | 384 | 3 608 095 | 100.0 | X |
| | 4 largest companies | X | X | 39.1 | X |
| | 8 largest companies | X | X | 52.6 | X |
| | 20 largest companies | X | X | 70.9 | X |
| | 50 largest companies | X | X | 86.8 | 549.2 |
| 313111 | Yarn spinning mills | | | | |
| | All companies | 216 | 2 335 758 | 100.0 | X |
| | 4 largest companies | X | X | 38.9 | X |
| | 8 largest companies | X | X | 52.6 | X |
| | 20 largest companies | X | X | 75.8 | X |
| | 50 largest companies | X | X | 92.3 | 533.0 |
| 313112 | Yarn texturizing, throwing, and twisting mills | | | | |
| | All companies | 100 | 1 155 480 | 100.0 | X |
| | 4 largest companies | X | X | 60.3 | X |
| | 8 largest companies | X | X | 73.5 | X |
| | 20 largest companies | X | X | 88.4 | X |
| | 50 largest companies | X | X | 98.3 | 1 277.2 |
| 313113 | Thread mills | | | | |
| | All companies | 83 | 116 857 | 100.0 | X |
| | 4 largest companies | X | X | 65.7 | X |
| | 8 largest companies | X | X | 75.9 | X |
| | 20 largest companies | X | X | 91.7 | X |
| | 50 largest companies | X | X | 98.5 | 2 434.2 |
| 3132 | Fabric mills | | | | |
| | All companies | 1 511 | 10 537 915 | 100.0 | X |
| | 4 largest companies | X | X | 19.2 | X |
| | 8 largest companies | X | X | 26.2 | X |
| | 20 largest companies | X | X | 43.3 | X |
| | 50 largest companies | X | X | 62.5 | 187.3 |
| 31321 | Broadwoven fabric mills | | | | |
| | All companies | 643 | 5 094 011 | 100.0 | X |
| | 4 largest companies | X | X | 21.3 | X |
| | 8 largest companies | X | X | 34.0 | X |
| | 20 largest companies | X | X | 55.3 | X |
| | 50 largest companies | X | X | 78.7 | 225.0 |
| 313210 | Broadwoven fabric mills | | | | |
| | All companies | 643 | 5 094 011 | 100.0 | X |
| | 4 largest companies | X | X | 21.3 | X |
| | 8 largest companies | X | X | 34.0 | X |
| | 20 largest companies | X | X | 55.3 | X |
| | 50 largest companies | X | X | 78.7 | 225.0 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 313 | Textile mills—Con. | | | | |
| 3132 | Fabric mills—Con. | | | | |
| 31322 | Narrow fabric mills and schiffli machine embroidery | | | | |
| | All companies | 343 | 786 742 | 100.0 | X |
| | 4 largest companies | X | X | 22.1 | X |
| | 8 largest companies | X | X | 34.7 | X |
| | 20 largest companies | X | X | 57.3 | X |
| | 50 largest companies | X | X | 81.8 | 243.2 |
| 313221 | Narrow fabric mills | | | | |
| | All companies | 208 | 686 233 | 100.0 | X |
| | 4 largest companies | X | X | 25.3 | X |
| | 8 largest companies | X | X | 39.8 | X |
| | 20 largest companies | X | X | 65.5 | X |
| | 50 largest companies | X | X | 88.4 | 310.6 |
| 313222 | Schiffli machine embroidery | | | | |
| | All companies | 135 | 100 509 | 100.0 | X |
| | 4 largest companies | X | X | 38.4 | X |
| | 8 largest companies | X | X | 57.2 | X |
| | 20 largest companies | X | X | 78.0 | X |
| | 50 largest companies | X | X | 91.2 | 523.6 |
| 31323 | Nonwoven fabric mills | | | | |
| | All companies | 218 | 3 075 709 | 100.0 | X |
| | 4 largest companies | X | X | 51.5 | X |
| | 8 largest companies | X | X | 64.2 | X |
| | 20 largest companies | X | X | 77.7 | X |
| | 50 largest companies | X | X | 90.5 | 1 426.1 |
| 313230 | Nonwoven fabric mills | | | | |
| | All companies | 218 | 3 075 709 | 100.0 | X |
| | 4 largest companies | X | X | 51.5 | X |
| | 8 largest companies | X | X | 64.2 | X |
| | 20 largest companies | X | X | 77.7 | X |
| | 50 largest companies | X | X | 90.5 | 1 426.1 |
| 31324 | Knit fabric mills | | | | |
| | All companies | 330 | 1 581 453 | 100.0 | X |
| | 4 largest companies | X | X | 30.7 | X |
| | 8 largest companies | X | X | 41.4 | X |
| | 20 largest companies | X | X | 58.0 | X |
| | 50 largest companies | X | X | 77.4 | 333.6 |
| 313241 | Weft knit fabric mills | | | | |
| | All companies | 166 | 815 952 | 100.0 | X |
| | 4 largest companies | X | X | 51.8 | X |
| | 8 largest companies | X | X | 62.0 | X |
| | 20 largest companies | X | X | 77.6 | X |
| | 50 largest companies | X | X | 91.6 | 941.3 |
| 313249 | Other knit fabric and lace mills | | | | |
| | All companies | 168 | 765 501 | 100.0 | X |
| | 4 largest companies | X | X | 28.7 | X |
| | 8 largest companies | X | X | 41.6 | X |
| | 20 largest companies | X | X | 66.0 | X |
| | 50 largest companies | X | X | 86.1 | 342.0 |
| 3133 | Textile and fabric finishing and fabric coating mills | | | | |
| | All companies | 1 494 | 5 257 344 | 100.0 | X |
| | 4 largest companies | X | X | 16.2 | X |
| | 8 largest companies | X | X | 23.9 | X |
| | 20 largest companies | X | X | 36.9 | X |
| | 50 largest companies | X | X | 53.5 | 115.1 |
| 31331 | Textile and fabric finishing mills | | | | |
| | All companies | 1 293 | 4 513 248 | 100.0 | X |
| | 4 largest companies | X | X | 18.8 | X |
| | 8 largest companies | X | X | 27.5 | X |
| | 20 largest companies | X | X | 42.6 | X |
| | 50 largest companies | X | X | 59.8 | 151.9 |
| 313311 | Broadwoven fabric finishing mills | | | | |
| | All companies | 951 | 2 859 967 | 100.0 | X |
| | 4 largest companies | X | X | 27.4 | X |
| | 8 largest companies | X | X | 36.5 | X |
| | 20 largest companies | X | X | 52.5 | X |
| | 50 largest companies | X | X | 68.7 | 284.9 |
| 313312 | Textile and fabric finishing (except broadwoven fabric) mills | | | | |
| | All companies | 350 | 1 653 281 | 100.0 | X |
| | 4 largest companies | X | X | 25.6 | X |
| | 8 largest companies | X | X | 38.9 | X |
| | 20 largest companies | X | X | 57.0 | X |
| | 50 largest companies | X | X | 78.4 | 262.2 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 313 | Textile mills—Con. | | | | |
| 3133 | Textile and fabric finishing and fabric coating mills—Con. | | | | |
| 31332 | Fabric coating mills | | | | |
| | All companies | 207 | 744 096 | 100.0 | X |
| | 4 largest companies | X | X | 17.9 | X |
| | 8 largest companies | X | X | 29.6 | X |
| | 20 largest companies | X | X | 52.4 | X |
| | 50 largest companies | X | X | 78.4 | 186.2 |
| 313320 | Fabric coating mills | | | | |
| | All companies | 207 | 744 096 | 100.0 | X |
| | 4 largest companies | X | X | 17.9 | X |
| | 8 largest companies | X | X | 29.6 | X |
| | 20 largest companies | X | X | 52.4 | X |
| | 50 largest companies | X | X | 78.4 | 186.2 |
| 314 | Textile product mills | | | | |
| | All companies | 6 943 | 13 160 378 | 100.0 | X |
| | 4 largest companies | X | X | 27.4 | X |
| | 8 largest companies | X | X | 33.2 | X |
| | 20 largest companies | X | X | 44.0 | X |
| | 50 largest companies | X | X | 54.1 | 233.4 |
| 3141 | Textile furnishings mills | | | | |
| | All companies | 2 738 | 8 354 102 | 100.0 | X |
| | 4 largest companies | X | X | 42.1 | X |
| | 8 largest companies | X | X | 49.9 | X |
| | 20 largest companies | X | X | 64.4 | X |
| | 50 largest companies | X | X | 75.8 | 531.7 |
| 31411 | Carpet and rug mills | | | | |
| | All companies | 342 | 4 618 705 | 100.0 | X |
| | 4 largest companies | X | X | 57.0 | X |
| | 8 largest companies | X | X | 70.8 | X |
| | 20 largest companies | X | X | 85.9 | X |
| | 50 largest companies | X | X | 95.0 | 1 329.8 |
| 314110 | Carpet and rug mills | | | | |
| | All companies | 342 | 4 618 705 | 100.0 | X |
| | 4 largest companies | X | X | 57.0 | X |
| | 8 largest companies | X | X | 70.8 | X |
| | 20 largest companies | X | X | 85.9 | X |
| | 50 largest companies | X | X | 95.0 | 1 329.8 |
| 31412 | Curtain and linen mills | | | | |
| | All companies | 2 399 | 3 735 397 | 100.0 | X |
| | 4 largest companies | X | X | 35.8 | X |
| | 8 largest companies | X | X | 44.3 | X |
| | 20 largest companies | X | X | 55.8 | X |
| | 50 largest companies | X | X | 68.4 | 472.8 |
| 314121 | Curtain and drapery mills | | | | |
| | All companies | 1 778 | 779 703 | 100.0 | X |
| | 4 largest companies | X | X | 16.6 | X |
| | 8 largest companies | X | X | 24.5 | X |
| | 20 largest companies | X | X | 38.4 | X |
| | 50 largest companies | X | X | 51.9 | 119.1 |
| 314129 | Other household textile product mills | | | | |
| | All companies | 629 | 2 955 694 | 100.0 | X |
| | 4 largest companies | X | X | 45.2 | X |
| | 8 largest companies | X | X | 55.6 | X |
| | 20 largest companies | X | X | 68.4 | X |
| | 50 largest companies | X | X | 81.5 | 746.6 |
| 3149 | Other textile product mills | | | | |
| | All companies | 4 219 | 4 806 276 | 100.0 | X |
| | 4 largest companies | X | X | 10.0 | X |
| | 8 largest companies | X | X | 15.5 | X |
| | 20 largest companies | X | X | 24.8 | X |
| | 50 largest companies | X | X | 38.4 | 51.3 |
| 31491 | Textile bag and canvas mills | | | | |
| | All companies | 1 824 | 1 368 888 | 100.0 | X |
| | 4 largest companies | X | X | 10.2 | X |
| | 8 largest companies | X | X | 17.6 | X |
| | 20 largest companies | X | X | 31.0 | X |
| | 50 largest companies | X | X | 45.2 | 63.6 |
| 314911 | Textile bag mills | | | | |
| | All companies | 280 | 345 722 | 100.0 | X |
| | 4 largest companies | X | X | 28.4 | X |
| | 8 largest companies | X | X | 38.7 | X |
| | 20 largest companies | X | X | 55.4 | X |
| | 50 largest companies | X | X | 76.9 | 320.0 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 314 | Textile product mills—Con. | | | | |
| 3149 | Other textile product mills—Con. | | | | |
| 31491 | Textile bag and canvas mills—Con. | | | | |
| 314912 | Canvas and related product mills | | | | |
| | All companies | 1 544 | 1 023 166 | 100.0 | X |
| | 4 largest companies | X | X | 11.9 | X |
| | 8 largest companies | X | X | 21.0 | X |
| | 20 largest companies | X | X | 35.1 | X |
| | 50 largest companies | X | X | 49.5 | 82.2 |
| 31499 | All other textile product mills | | | | |
| | All companies | 2 400 | 3 437 388 | 100.0 | X |
| | 4 largest companies | X | X | 14.0 | X |
| | 8 largest companies | X | X | 21.6 | X |
| | 20 largest companies | X | X | 33.8 | X |
| | 50 largest companies | X | X | 48.9 | 94.2 |
| 314991 | Rope, cordage, and twine mills | | | | |
| | All companies | 157 | 303 890 | 100.0 | X |
| | 4 largest companies | X | X | 36.2 | X |
| | 8 largest companies | X | X | 48.5 | X |
| | 20 largest companies | X | X | 69.0 | X |
| | 50 largest companies | X | X | 88.0 | 480.2 |
| 314992 | Tire cord and tire fabric mills | | | | |
| | All companies | 18 | 348 471 | 100.0 | X |
| | 4 largest companies | X | X | 79.5 | X |
| | 8 largest companies | X | X | 95.3 | X |
| | 20 largest companies | X | X | 100.0 | 1 889.9 |
| | 50 largest companies | X | X | — | — |
| 314999 | All other miscellaneous textile product mills | | | | |
| | All companies | 2 228 | 2 785 027 | 100.0 | X |
| | 4 largest companies | X | X | 15.6 | X |
| | 8 largest companies | X | X | 22.9 | X |
| | 20 largest companies | X | X | 34.1 | X |
| | 50 largest companies | X | X | 49.0 | 111.0 |
| 315 | Apparel manufacturing | | | | |
| | All companies | 12 550 | 20 365 676 | 100.0 | X |
| | 4 largest companies | X | X | 18.4 | X |
| | 8 largest companies | X | X | 22.2 | X |
| | 20 largest companies | X | X | 29.0 | X |
| | 50 largest companies | X | X | 38.2 | 128.8 |
| 3151 | Apparel knitting mills | | | | |
| | All companies | 779 | 2 838 560 | 100.0 | X |
| | 4 largest companies | X | X | 29.1 | X |
| | 8 largest companies | X | X | 36.9 | X |
| | 20 largest companies | X | X | 50.4 | X |
| | 50 largest companies | X | X | 69.9 | 293.8 |
| 31511 | Hosiery and sock mills | | | | |
| | All companies | 366 | 1 747 105 | 100.0 | X |
| | 4 largest companies | X | X | 35.1 | X |
| | 8 largest companies | X | X | 45.6 | X |
| | 20 largest companies | X | X | 63.6 | X |
| | 50 largest companies | X | X | 81.9 | 381.8 |
| 315111 | Sheer hosiery mills | | | | |
| | All companies | 87 | 446 704 | 100.0 | X |
| | 4 largest companies | X | X | 59.6 | X |
| | 8 largest companies | X | X | 74.4 | X |
| | 20 largest companies | X | X | 90.9 | X |
| | 50 largest companies | X | X | 98.6 | 1 327.5 |
| 315119 | Other hosiery and sock mills | | | | |
| | All companies | 282 | 1 300 401 | 100.0 | X |
| | 4 largest companies | X | X | 31.7 | X |
| | 8 largest companies | X | X | 44.8 | X |
| | 20 largest companies | X | X | 67.3 | X |
| | 50 largest companies | X | X | 85.2 | 414.4 |
| 31519 | Other apparel knitting mills | | | | |
| | All companies | 415 | 1 091 455 | 100.0 | X |
| | 4 largest companies | X | X | 32.9 | X |
| | 8 largest companies | X | X | 43.9 | X |
| | 20 largest companies | X | X | 64.5 | X |
| | 50 largest companies | X | X | 81.9 | 525.9 |
| 315191 | Outerwear knitting mills | | | | |
| | All companies | 386 | 718 048 | 100.0 | X |
| | 4 largest companies | X | X | 21.8 | X |
| | 8 largest companies | X | X | 35.1 | X |
| | 20 largest companies | X | X | 56.4 | X |
| | 50 largest companies | X | X | 77.2 | 228.2 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added ² (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|------------------------------------|------------------------------------|--|
| 315 | Apparel manufacturing—Con. | | | | |
| 3151 | Apparel knitting mills—Con. | | | | |
| 31519 | Other apparel knitting mills—Con. | | | | |
| 315192 | Underwear and nightwear knitting mills | | | | |
| | All companies | 32 | 373 407 | 100.0 | X |
| | 4 largest companies | X | X | 79.6 | X |
| | 8 largest companies | X | X | 96.7 | X |
| | 20 largest companies | X | X | 99.7 | X |
| | 50 largest companies | X | X | 100.0 | 2 399.7 |
| 3152 | Cut and sew apparel manufacturing | | | | |
| | All companies | 10 440 | 16 181 327 | 100.0 | X |
| | 4 largest companies | X | X | 20.9 | X |
| | 8 largest companies | X | X | 25.5 | X |
| | 20 largest companies | X | X | 32.6 | X |
| | 50 largest companies | X | X | 42.7 | 184.5 |
| 31521 | Cut and sew apparel contractors | | | | |
| | All companies | 7 170 | 2 695 668 | 100.0 | X |
| | 4 largest companies | X | X | 6.1 | X |
| | 8 largest companies | X | X | 8.5 | X |
| | 20 largest companies | X | X | 13.7 | X |
| | 50 largest companies | X | X | 21.5 | 16.6 |
| 315211 | Men's and boys' cut and sew apparel contractors | | | | |
| | All companies | 967 | 691 700 | 100.0 | X |
| | 4 largest companies | X | X | 15.4 | X |
| | 8 largest companies | X | X | 21.4 | X |
| | 20 largest companies | X | X | 32.1 | X |
| | 50 largest companies | X | X | 47.8 | 101.5 |
| 315212 | Women's, girls', and infants' cut and sew apparel contractors | | | | |
| | All companies | 6 214 | 2 003 968 | 100.0 | X |
| | 4 largest companies | X | X | 5.5 | X |
| | 8 largest companies | X | X | 8.1 | X |
| | 20 largest companies | X | X | 14.0 | X |
| | 50 largest companies | X | X | 22.0 | 18.8 |
| 31522 | Men's and boys' cut and sew apparel manufacturing | | | | |
| | All companies | 792 | 5 748 112 | 100.0 | X |
| | 4 largest companies | X | X | 50.4 | X |
| | 8 largest companies | X | X | 57.4 | X |
| | 20 largest companies | X | X | 66.9 | X |
| | 50 largest companies | X | X | 78.1 | 1 019.2 |
| 315221 | Men's and boys' cut and sew underwear and nightwear manufacturing | | | | |
| | All companies | 26 | 111 899 | 100.0 | X |
| | 4 largest companies | X | X | 62.2 | X |
| | 8 largest companies | X | X | 80.3 | X |
| | 20 largest companies | X | X | 98.3 | X |
| | 50 largest companies | X | X | 100.0 | 1 373.9 |
| 315222 | Men's and boys' cut and sew suit, coat, and overcoat manufacturing | | | | |
| | All companies | 200 | 687 938 | 100.0 | X |
| | 4 largest companies | X | X | 53.8 | X |
| | 8 largest companies | X | X | 64.4 | X |
| | 20 largest companies | X | X | 80.2 | X |
| | 50 largest companies | X | X | 93.2 | 1 534.2 |
| 315223 | Men's and boys' cut and sew shirt (except work shirt) manufacturing | | | | |
| | All companies | 180 | 655 324 | 100.0 | X |
| | 4 largest companies | X | X | 27.7 | X |
| | 8 largest companies | X | X | 44.4 | X |
| | 20 largest companies | X | X | 68.4 | X |
| | 50 largest companies | X | X | 86.9 | 333.9 |
| 315224 | Men's and boys' cut and sew trouser, slack, and jean manufacturing | | | | |
| | All companies | 92 | 2 882 744 | 100.0 | X |
| | 4 largest companies | X | X | 84.1 | X |
| | 8 largest companies | X | X | 90.0 | X |
| | 20 largest companies | X | X | 94.5 | X |
| | 50 largest companies | X | X | 99.0 | D |
| 315225 | Men's and boys' cut and sew work clothing manufacturing | | | | |
| | All companies | 105 | 934 943 | 100.0 | X |
| | 4 largest companies | X | X | 55.4 | X |
| | 8 largest companies | X | X | 67.8 | X |
| | 20 largest companies | X | X | 86.0 | X |
| | 50 largest companies | X | X | 97.4 | 1 078.7 |
| 315228 | Men's and boys' cut and sew other outerwear manufacturing | | | | |
| | All companies | 216 | 475 264 | 100.0 | X |
| | 4 largest companies | X | X | 32.3 | X |
| | 8 largest companies | X | X | 45.4 | X |
| | 20 largest companies | X | X | 66.1 | X |
| | 50 largest companies | X | X | 85.2 | 412.3 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 315 | Apparel manufacturing—Con. | | | | |
| 3152 | Cut and sew apparel manufacturing—Con. | | | | |
| 31523 | Women's and girls' cut and sew apparel manufacturing | | | | |
| | All companies | 1 930 | 6 830 537 | 100.0 | X |
| | 4 largest companies | X | X | 13.8 | X |
| | 8 largest companies | X | X | 20.9 | X |
| | 20 largest companies | X | X | 33.6 | X |
| | 50 largest companies | X | X | 49.5 | 86.8 |
| 315231 | Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing | | | | |
| | All companies | 120 | 918 710 | 100.0 | X |
| | 4 largest companies | X | X | 62.3 | X |
| | 8 largest companies | X | X | 74.0 | X |
| | 20 largest companies | X | X | 86.2 | X |
| | 50 largest companies | X | X | 96.8 | 1 651.3 |
| 315232 | Women's and girls' cut and sew blouse and shirt manufacturing | | | | |
| | All companies | 352 | 1 633 336 | 100.0 | X |
| | 4 largest companies | X | X | 22.6 | X |
| | 8 largest companies | X | X | 35.5 | X |
| | 20 largest companies | X | X | 59.7 | X |
| | 50 largest companies | X | X | 81.5 | 250.5 |
| 315233 | Women's and girls' cut and sew dress manufacturing | | | | |
| | All companies | 525 | 1 417 331 | 100.0 | X |
| | 4 largest companies | X | X | 18.2 | X |
| | 8 largest companies | X | X | 28.3 | X |
| | 20 largest companies | X | X | 47.7 | X |
| | 50 largest companies | X | X | 68.1 | 160.6 |
| 315234 | Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing | | | | |
| | All companies | 186 | 611 368 | 100.0 | X |
| | 4 largest companies | X | X | 31.3 | X |
| | 8 largest companies | X | X | 47.7 | X |
| | 20 largest companies | X | X | 68.8 | X |
| | 50 largest companies | X | X | 87.6 | 388.4 |
| 315239 | Women's and girls' cut and sew other outerwear manufacturing | | | | |
| | All companies | 759 | 2 249 792 | 100.0 | X |
| | 4 largest companies | X | X | 27.5 | X |
| | 8 largest companies | X | X | 40.0 | X |
| | 20 largest companies | X | X | 55.4 | X |
| | 50 largest companies | X | X | 72.5 | 272.3 |
| 31529 | Other cut and sew apparel manufacturing | | | | |
| | All companies | 607 | 907 010 | 100.0 | X |
| | 4 largest companies | X | X | 20.6 | X |
| | 8 largest companies | X | X | 30.2 | X |
| | 20 largest companies | X | X | 46.0 | X |
| | 50 largest companies | X | X | 66.8 | 177.8 |
| 315291 | Infants' cut and sew apparel manufacturing | | | | |
| | All companies | 41 | 155 340 | 100.0 | X |
| | 4 largest companies | X | X | 59.8 | X |
| | 8 largest companies | X | X | 76.6 | X |
| | 20 largest companies | X | X | 94.9 | X |
| | 50 largest companies | X | X | 100.0 | 1 297.8 |
| 315292 | Fur and leather apparel manufacturing | | | | |
| | All companies | 153 | 88 476 | 100.0 | X |
| | 4 largest companies | X | X | 37.0 | X |
| | 8 largest companies | X | X | 53.3 | X |
| | 20 largest companies | X | X | 73.9 | X |
| | 50 largest companies | X | X | 90.2 | 494.5 |
| 315299 | All other cut and sew apparel manufacturing | | | | |
| | All companies | 413 | 663 194 | 100.0 | X |
| | 4 largest companies | X | X | 25.3 | X |
| | 8 largest companies | X | X | 35.3 | X |
| | 20 largest companies | X | X | 53.4 | X |
| | 50 largest companies | X | X | 74.0 | 259.3 |
| 3159 | Apparel accessories and other apparel manufacturing | | | | |
| | All companies | 1 362 | 1 345 789 | 100.0 | X |
| | 4 largest companies | X | X | 17.4 | X |
| | 8 largest companies | X | X | 27.7 | X |
| | 20 largest companies | X | X | 42.6 | X |
| | 50 largest companies | X | X | 57.6 | 132.0 |
| 31599 | Apparel accessories and other apparel manufacturing | | | | |
| | All companies | 1 362 | 1 345 789 | 100.0 | X |
| | 4 largest companies | X | X | 17.4 | X |
| | 8 largest companies | X | X | 27.7 | X |
| | 20 largest companies | X | X | 42.6 | X |
| | 50 largest companies | X | X | 57.6 | 132.0 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 315 | Apparel manufacturing—Con. | | | | |
| 3159 | Apparel accessories and other apparel manufacturing—Con. | | | | |
| 31599 | Apparel accessories and other apparel manufacturing—Con. | | | | |
| 315991 | Hat, cap, and millinery manufacturing | | | | |
| | All companies | 240 | 393 142 | 100.0 | X |
| | 4 largest companies | X | X | D | X |
| | 8 largest companies | X | X | 53.0 | X |
| | 20 largest companies | X | X | 66.2 | X |
| | 50 largest companies | X | X | 83.3 | 623.2 |
| 315992 | Glove and mitten manufacturing | | | | |
| | All companies | 74 | 89 731 | 100.0 | X |
| | 4 largest companies | X | X | 31.6 | X |
| | 8 largest companies | X | X | 51.8 | X |
| | 20 largest companies | X | X | 79.1 | X |
| | 50 largest companies | X | X | 98.3 | 442.8 |
| 315993 | Men's and boys' neckwear manufacturing | | | | |
| | All companies | 72 | 220 268 | 100.0 | X |
| | 4 largest companies | X | X | 65.4 | X |
| | 8 largest companies | X | X | 79.6 | X |
| | 20 largest companies | X | X | 90.6 | X |
| | 50 largest companies | X | X | 98.9 | 1 407.2 |
| 315999 | Other apparel accessories and other apparel manufacturing | | | | |
| | All companies | 979 | 642 648 | 100.0 | X |
| | 4 largest companies | X | X | 20.5 | X |
| | 8 largest companies | X | X | 32.0 | X |
| | 20 largest companies | X | X | 47.7 | X |
| | 50 largest companies | X | X | 65.8 | 189.1 |
| 316 | Leather and allied product manufacturing | | | | |
| | All companies | 1 459 | 2 837 523 | 100.0 | X |
| | 4 largest companies | X | X | 20.4 | X |
| | 8 largest companies | X | X | 30.1 | X |
| | 20 largest companies | X | X | 45.6 | X |
| | 50 largest companies | X | X | 61.9 | 172.6 |
| 3161 | Leather and hide tanning and finishing | | | | |
| | All companies | 246 | 712 655 | 100.0 | X |
| | 4 largest companies | X | X | 51.0 | X |
| | 8 largest companies | X | X | 62.8 | X |
| | 20 largest companies | X | X | 78.9 | X |
| | 50 largest companies | X | X | 93.1 | 1 214.7 |
| 31611 | Leather and hide tanning and finishing | | | | |
| | All companies | 246 | 712 655 | 100.0 | X |
| | 4 largest companies | X | X | 51.0 | X |
| | 8 largest companies | X | X | 62.8 | X |
| | 20 largest companies | X | X | 78.9 | X |
| | 50 largest companies | X | X | 93.1 | 1 214.7 |
| 316110 | Leather and hide tanning and finishing | | | | |
| | All companies | 246 | 712 655 | 100.0 | X |
| | 4 largest companies | X | X | 51.0 | X |
| | 8 largest companies | X | X | 62.8 | X |
| | 20 largest companies | X | X | 78.9 | X |
| | 50 largest companies | X | X | 93.1 | 1 214.7 |
| 3162 | Footwear manufacturing | | | | |
| | All companies | 320 | 1 101 366 | 100.0 | X |
| | 4 largest companies | X | X | 34.5 | X |
| | 8 largest companies | X | X | 49.6 | X |
| | 20 largest companies | X | X | 72.4 | X |
| | 50 largest companies | X | X | 89.8 | 462.4 |
| 31621 | Footwear manufacturing | | | | |
| | All companies | 320 | 1 101 366 | 100.0 | X |
| | 4 largest companies | X | X | 34.5 | X |
| | 8 largest companies | X | X | 49.6 | X |
| | 20 largest companies | X | X | 72.4 | X |
| | 50 largest companies | X | X | 89.8 | 462.4 |
| 316211 | Rubber and plastics footwear manufacturing | | | | |
| | All companies | 58 | 261 797 | 100.0 | X |
| | 4 largest companies | X | X | 75.1 | X |
| | 8 largest companies | X | X | 86.8 | X |
| | 20 largest companies | X | X | 96.9 | X |
| | 50 largest companies | X | X | 99.9 | D |
| 316212 | House slipper manufacturing | | | | |
| | All companies | 12 | 41 755 | 100.0 | X |
| | 4 largest companies | X | X | 94.3 | X |
| | 8 largest companies | X | X | 98.5 | X |
| | 20 largest companies | X | X | 100.0 | 2 943.5 |
| | 50 largest companies | X | X | — | — |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 316 | Leather and allied product manufacturing—Con. | | | | |
| 3162 | Footwear manufacturing—Con. | | | | |
| 31621 | Footwear manufacturing—Con. | | | | |
| 316213 | Men's footwear (except athletic) manufacturing | | | | |
| | All companies | 100 | 589 328 | 100.0 | X |
| | 4 largest companies | X | X | 42.4 | X |
| | 8 largest companies | X | X | 64.4 | X |
| | 20 largest companies | X | X | 91.9 | X |
| | 50 largest companies | X | X | 99.0 | 713.1 |
| 316214 | Women's footwear (except athletic) manufacturing | | | | |
| | All companies | 79 | 128 600 | 100.0 | X |
| | 4 largest companies | X | X | 61.2 | X |
| | 8 largest companies | X | X | 76.6 | X |
| | 20 largest companies | X | X | 92.0 | X |
| | 50 largest companies | X | X | 99.1 | 1 560.2 |
| 316219 | Other footwear manufacturing | | | | |
| | All companies | 75 | 79 886 | 100.0 | X |
| | 4 largest companies | X | X | 48.7 | X |
| | 8 largest companies | X | X | 69.2 | X |
| | 20 largest companies | X | X | 89.9 | X |
| | 50 largest companies | X | X | 98.7 | 869.4 |
| 3169 | Other leather and allied product manufacturing | | | | |
| | All companies | 898 | 1 023 502 | 100.0 | X |
| | 4 largest companies | X | X | 21.6 | X |
| | 8 largest companies | X | X | 30.0 | X |
| | 20 largest companies | X | X | 44.1 | X |
| | 50 largest companies | X | X | 61.2 | 177.9 |
| 31699 | Other leather and allied product manufacturing | | | | |
| | All companies | 898 | 1 023 502 | 100.0 | X |
| | 4 largest companies | X | X | 21.6 | X |
| | 8 largest companies | X | X | 30.0 | X |
| | 20 largest companies | X | X | 44.1 | X |
| | 50 largest companies | X | X | 61.2 | 177.9 |
| 316991 | Luggage manufacturing | | | | |
| | All companies | 226 | 350 095 | 100.0 | X |
| | 4 largest companies | X | X | 34.2 | X |
| | 8 largest companies | X | X | 44.0 | X |
| | 20 largest companies | X | X | 61.0 | X |
| | 50 largest companies | X | X | 80.1 | 580.2 |
| 316992 | Women's handbag and purse manufacturing | | | | |
| | All companies | 99 | 116 573 | 100.0 | X |
| | 4 largest companies | X | X | 69.5 | X |
| | 8 largest companies | X | X | 86.8 | X |
| | 20 largest companies | X | X | 93.9 | X |
| | 50 largest companies | X | X | 98.2 | 1 796.4 |
| 316993 | Personal leather goods (except women's handbag and purse) manufacturing | | | | |
| | All companies | 164 | 184 462 | 100.0 | X |
| | 4 largest companies | X | X | 53.7 | X |
| | 8 largest companies | X | X | 64.4 | X |
| | 20 largest companies | X | X | 77.9 | X |
| | 50 largest companies | X | X | 91.2 | 1 731.1 |
| 316999 | All other leather goods manufacturing | | | | |
| | All companies | 412 | 372 372 | 100.0 | X |
| | 4 largest companies | X | X | 24.3 | X |
| | 8 largest companies | X | X | 37.8 | X |
| | 20 largest companies | X | X | 55.8 | X |
| | 50 largest companies | X | X | 73.6 | 245.6 |
| 321 | Wood product manufacturing | | | | |
| | All companies | 15 347 | 35 135 788 | 100.0 | X |
| | 4 largest companies | X | X | 8.7 | X |
| | 8 largest companies | X | X | 14.4 | X |
| | 20 largest companies | X | X | 23.5 | X |
| | 50 largest companies | X | X | 33.2 | 39.1 |
| 3211 | Sawmills and wood preservation | | | | |
| | All companies | 3 858 | 7 771 151 | 100.0 | X |
| | 4 largest companies | X | X | 12.6 | X |
| | 8 largest companies | X | X | 18.3 | X |
| | 20 largest companies | X | X | 28.2 | X |
| | 50 largest companies | X | X | 39.7 | 73.8 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 321 | Wood product manufacturing—Con. | | | | |
| 3211 | Sawmills and wood preservation—Con. | | | | |
| 32111 | Sawmills and wood preservation | | | | |
| | All companies | 3 858 | 7 771 151 | 100.0 | X |
| | 4 largest companies | X | X | 12.6 | X |
| | 8 largest companies | X | X | 18.3 | X |
| | 20 largest companies | X | X | 28.2 | X |
| | 50 largest companies | X | X | 39.7 | 73.8 |
| 321113 | Sawmills | | | | |
| | All companies | 3 462 | 6 809 251 | 100.0 | X |
| | 4 largest companies | X | X | 14.2 | X |
| | 8 largest companies | X | X | 20.3 | X |
| | 20 largest companies | X | X | 30.4 | X |
| | 50 largest companies | X | X | 41.8 | 89.6 |
| 321114 | Wood preservation | | | | |
| | All companies | 414 | 961 900 | 100.0 | X |
| | 4 largest companies | X | X | 26.3 | X |
| | 8 largest companies | X | X | 36.1 | X |
| | 20 largest companies | X | X | 56.4 | X |
| | 50 largest companies | X | X | 79.1 | 272.5 |
| 3212 | Veneer, plywood, and engineered wood product manufacturing | | | | |
| | All companies | 1 524 | 8 083 979 | 100.0 | X |
| | 4 largest companies | X | X | 23.6 | X |
| | 8 largest companies | X | X | 32.7 | X |
| | 20 largest companies | X | X | 45.3 | X |
| | 50 largest companies | X | X | 56.9 | 200.1 |
| 32121 | Veneer, plywood, and engineered wood product manufacturing | | | | |
| | All companies | 1 524 | 8 083 979 | 100.0 | X |
| | 4 largest companies | X | X | 23.6 | X |
| | 8 largest companies | X | X | 32.7 | X |
| | 20 largest companies | X | X | 45.3 | X |
| | 50 largest companies | X | X | 56.9 | 200.1 |
| 321211 | Hardwood veneer and plywood manufacturing | | | | |
| | All companies | 304 | 1 201 834 | 100.0 | X |
| | 4 largest companies | X | X | 30.4 | X |
| | 8 largest companies | X | X | 41.5 | X |
| | 20 largest companies | X | X | 57.4 | X |
| | 50 largest companies | X | X | 76.0 | 380.3 |
| 321212 | Softwood veneer and plywood manufacturing | | | | |
| | All companies | 85 | 1 364 061 | 100.0 | X |
| | 4 largest companies | X | X | 60.5 | X |
| | 8 largest companies | X | X | 72.1 | X |
| | 20 largest companies | X | X | 88.4 | X |
| | 50 largest companies | X | X | 99.2 | 1 405.1 |
| 321213 | Engineered wood member (except truss) manufacturing | | | | |
| | All companies | 90 | 694 179 | 100.0 | X |
| | 4 largest companies | X | X | 66.6 | X |
| | 8 largest companies | X | X | 80.7 | X |
| | 20 largest companies | X | X | 90.5 | X |
| | 50 largest companies | X | X | 98.0 | 2 409.5 |
| 321214 | Truss manufacturing | | | | |
| | All companies | 899 | 2 317 563 | 100.0 | X |
| | 4 largest companies | X | X | 9.4 | X |
| | 8 largest companies | X | X | 14.5 | X |
| | 20 largest companies | X | X | 24.1 | X |
| | 50 largest companies | X | X | 39.4 | 46.2 |
| 321219 | Reconstituted wood product manufacturing | | | | |
| | All companies | 180 | 2 506 342 | 100.0 | X |
| | 4 largest companies | X | X | 37.5 | X |
| | 8 largest companies | X | X | 54.1 | X |
| | 20 largest companies | X | X | 74.6 | X |
| | 50 largest companies | X | X | 91.1 | 536.1 |
| 3219 | Other wood product manufacturing | | | | |
| | All companies | 10 133 | 19 280 658 | 100.0 | X |
| | 4 largest companies | X | X | 10.9 | X |
| | 8 largest companies | X | X | 17.3 | X |
| | 20 largest companies | X | X | 26.8 | X |
| | 50 largest companies | X | X | 36.2 | 51.9 |
| 32191 | Millwork | | | | |
| | All companies | 4 432 | 9 557 086 | 100.0 | X |
| | 4 largest companies | X | X | 19.6 | X |
| | 8 largest companies | X | X | 27.5 | X |
| | 20 largest companies | X | X | 36.7 | X |
| | 50 largest companies | X | X | 47.0 | 130.0 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 321 | Wood product manufacturing—Con. | | | | |
| 3219 | Other wood product manufacturing—Con. | | | | |
| 32191 | Millwork—Con. | | | | |
| 321911 | Wood window and door manufacturing | | | | |
| | All companies | 1 328 | 5 049 341 | 100.0 | X |
| | 4 largest companies | X | X | 35.9 | X |
| | 8 largest companies | X | X | 45.9 | X |
| | 20 largest companies | X | X | 57.7 | X |
| | 50 largest companies | X | X | 70.0 | 394.3 |
| 321912 | Cut stock, resawing lumber, and planing | | | | |
| | All companies | 1 129 | 1 946 311 | 100.0 | X |
| | 4 largest companies | X | X | 12.5 | X |
| | 8 largest companies | X | X | 18.8 | X |
| | 20 largest companies | X | X | 30.6 | X |
| | 50 largest companies | X | X | 47.9 | 76.3 |
| 321918 | Other millwork (including flooring) | | | | |
| | All companies | 2 020 | 2 561 434 | 100.0 | X |
| | 4 largest companies | X | X | 18.2 | X |
| | 8 largest companies | X | X | 23.7 | X |
| | 20 largest companies | X | X | 33.7 | X |
| | 50 largest companies | X | X | 47.5 | 167.9 |
| 32192 | Wood container and pallet manufacturing | | | | |
| | All companies | 2 792 | 2 405 697 | 100.0 | X |
| | 4 largest companies | X | X | 7.4 | X |
| | 8 largest companies | X | X | 11.0 | X |
| | 20 largest companies | X | X | 17.6 | X |
| | 50 largest companies | X | X | 27.3 | 26.1 |
| 321920 | Wood container and pallet manufacturing | | | | |
| | All companies | 2 792 | 2 405 697 | 100.0 | X |
| | 4 largest companies | X | X | 7.4 | X |
| | 8 largest companies | X | X | 11.0 | X |
| | 20 largest companies | X | X | 17.6 | X |
| | 50 largest companies | X | X | 27.3 | 26.1 |
| 32199 | All other wood product manufacturing | | | | |
| | All companies | 2 939 | 7 317 875 | 100.0 | X |
| | 4 largest companies | X | X | 19.4 | X |
| | 8 largest companies | X | X | 28.6 | X |
| | 20 largest companies | X | X | 40.8 | X |
| | 50 largest companies | X | X | 51.9 | 145.2 |
| 321991 | Manufactured home (mobile home) manufacturing | | | | |
| | All companies | 241 | 2 861 012 | 100.0 | X |
| | 4 largest companies | X | X | 44.3 | X |
| | 8 largest companies | X | X | 62.3 | X |
| | 20 largest companies | X | X | 81.1 | X |
| | 50 largest companies | X | X | 92.4 | 699.4 |
| 321992 | Prefabricated wood building manufacturing | | | | |
| | All companies | 671 | 1 796 523 | 100.0 | X |
| | 4 largest companies | X | X | 20.8 | X |
| | 8 largest companies | X | X | 28.6 | X |
| | 20 largest companies | X | X | 41.0 | X |
| | 50 largest companies | X | X | 60.8 | 174.3 |
| 321999 | All other miscellaneous wood product manufacturing | | | | |
| | All companies | 2 031 | 2 660 340 | 100.0 | X |
| | 4 largest companies | X | X | 20.0 | X |
| | 8 largest companies | X | X | 24.2 | X |
| | 20 largest companies | X | X | 32.8 | X |
| | 50 largest companies | X | X | 44.6 | 222.8 |
| 322 | Paper manufacturing | | | | |
| | All companies | 3 537 | 75 586 540 | 100.0 | X |
| | 4 largest companies | X | X | 30.4 | X |
| | 8 largest companies | X | X | 45.3 | X |
| | 20 largest companies | X | X | 57.4 | X |
| | 50 largest companies | X | X | 70.5 | 312.1 |
| 3221 | Pulp, paper, and paperboard mills | | | | |
| | All companies | 269 | 38 053 614 | 100.0 | X |
| | 4 largest companies | X | X | 45.3 | X |
| | 8 largest companies | X | X | 64.5 | X |
| | 20 largest companies | X | X | 78.3 | X |
| | 50 largest companies | X | X | 90.6 | 648.8 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 322 | Paper manufacturing—Con. | | | | |
| 3221 | Pulp, paper, and paperboard mills—Con. | | | | |
| 32211 | Pulp mills | | | | |
| | All companies | 21 | 1 736 798 | 100.0 | X |
| | 4 largest companies | X | X | 68.5 | X |
| | 8 largest companies | X | X | 89.5 | X |
| | 20 largest companies | X | X | D | X |
| | 50 largest companies | X | X | 100.0 | 1 350.6 |
| 322110 | Pulp mills | | | | |
| | All companies | 21 | 1 736 798 | 100.0 | X |
| | 4 largest companies | X | X | 68.5 | X |
| | 8 largest companies | X | X | 89.5 | X |
| | 20 largest companies | X | X | D | X |
| | 50 largest companies | X | X | 100.0 | 1 350.6 |
| 32212 | Paper mills | | | | |
| | All companies | 187 | 25 497 054 | 100.0 | X |
| | 4 largest companies | X | X | 56.1 | X |
| | 8 largest companies | X | X | 70.7 | X |
| | 20 largest companies | X | X | 84.7 | X |
| | 50 largest companies | X | X | 95.2 | 883.0 |
| 322121 | Paper (except newsprint) mills | | | | |
| | All companies | 174 | 24 145 138 | 100.0 | X |
| | 4 largest companies | X | X | 59.3 | X |
| | 8 largest companies | X | X | 73.9 | X |
| | 20 largest companies | X | X | 87.5 | X |
| | 50 largest companies | X | X | 96.8 | 975.7 |
| 322122 | Newsprint mills | | | | |
| | All companies | 16 | 1 351 916 | 100.0 | X |
| | 4 largest companies | X | X | 54.0 | X |
| | 8 largest companies | X | X | 78.0 | X |
| | 20 largest companies | X | X | 100.0 | 993.1 |
| | 50 largest companies | X | X | — | — |
| 32213 | Paperboard mills | | | | |
| | All companies | 80 | 10 819 762 | 100.0 | X |
| | 4 largest companies | X | X | 50.7 | X |
| | 8 largest companies | X | X | 70.0 | X |
| | 20 largest companies | X | X | 88.9 | X |
| | 50 largest companies | X | X | 99.0 | 815.1 |
| 322130 | Paperboard mills | | | | |
| | All companies | 80 | 10 819 762 | 100.0 | X |
| | 4 largest companies | X | X | 50.7 | X |
| | 8 largest companies | X | X | 70.0 | X |
| | 20 largest companies | X | X | 88.9 | X |
| | 50 largest companies | X | X | 99.0 | 815.1 |
| 3222 | Converted paper product manufacturing | | | | |
| | All companies | 3 348 | 37 532 926 | 100.0 | X |
| | 4 largest companies | X | X | 18.0 | X |
| | 8 largest companies | X | X | 28.5 | X |
| | 20 largest companies | X | X | 44.6 | X |
| | 50 largest companies | X | X | 58.8 | 142.1 |
| 32221 | Paperboard container manufacturing | | | | |
| | All companies | 1 544 | 17 483 210 | 100.0 | X |
| | 4 largest companies | X | X | 26.9 | X |
| | 8 largest companies | X | X | 39.4 | X |
| | 20 largest companies | X | X | 56.2 | X |
| | 50 largest companies | X | X | 67.3 | 267.6 |
| 322211 | Corrugated and solid fiber box manufacturing | | | | |
| | All companies | 959 | 10 945 861 | 100.0 | X |
| | 4 largest companies | X | X | 33.1 | X |
| | 8 largest companies | X | X | 49.1 | X |
| | 20 largest companies | X | X | 62.7 | X |
| | 50 largest companies | X | X | 72.4 | 391.6 |
| 322212 | Folding paperboard box manufacturing | | | | |
| | All companies | 351 | 3 864 059 | 100.0 | X |
| | 4 largest companies | X | X | 33.3 | X |
| | 8 largest companies | X | X | 49.8 | X |
| | 20 largest companies | X | X | 63.6 | X |
| | 50 largest companies | X | X | 77.5 | 380.2 |
| 322213 | Setup paperboard box manufacturing | | | | |
| | All companies | 114 | 335 250 | 100.0 | X |
| | 4 largest companies | X | X | 22.8 | X |
| | 8 largest companies | X | X | 35.9 | X |
| | 20 largest companies | X | X | 60.5 | X |
| | 50 largest companies | X | X | 87.9 | 274.5 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 322 | Paper manufacturing—Con. | | | | |
| 3222 | Converted paper product manufacturing—Con. | | | | |
| 32221 | Paperboard container manufacturing—Con. | | | | |
| 322214 | Fiber can, tube, drum, and similar products manufacturing | | | | |
| | All companies | 135 | 929 284 | 100.0 | X |
| | 4 largest companies | X | X | 66.6 | X |
| | 8 largest companies | X | X | 76.4 | X |
| | 20 largest companies | X | X | 84.0 | X |
| | 50 largest companies | X | X | 93.2 | 2 053.3 |
| 322215 | Nonfolding sanitary food container manufacturing | | | | |
| | All companies | 37 | 1 408 756 | 100.0 | X |
| | 4 largest companies | X | X | 70.2 | X |
| | 8 largest companies | X | X | 89.6 | X |
| | 20 largest companies | X | X | 98.8 | X |
| | 50 largest companies | X | X | 100.0 | 1 466.3 |
| 32222 | Paper bag and coated and treated paper manufacturing | | | | |
| | All companies | 745 | 8 366 462 | 100.0 | X |
| | 4 largest companies | X | X | 32.4 | X |
| | 8 largest companies | X | X | 41.3 | X |
| | 20 largest companies | X | X | 54.0 | X |
| | 50 largest companies | X | X | 68.3 | 423.8 |
| 322221 | Coated and laminated packaging paper and plastics film manufacturing | | | | |
| | All companies | 109 | 471 325 | 100.0 | X |
| | 4 largest companies | X | X | 24.5 | X |
| | 8 largest companies | X | X | 41.6 | X |
| | 20 largest companies | X | X | 72.2 | X |
| | 50 largest companies | X | X | 94.8 | 329.4 |
| 322222 | Coated and laminated paper manufacturing | | | | |
| | All companies | 459 | 5 812 686 | 100.0 | X |
| | 4 largest companies | X | X | 45.6 | X |
| | 8 largest companies | X | X | 54.0 | X |
| | 20 largest companies | X | X | 66.6 | X |
| | 50 largest companies | X | X | 80.3 | 822.4 |
| 322223 | Plastics, foil, and coated paper bag manufacturing | | | | |
| | All companies | 41 | 258 618 | 100.0 | X |
| | 4 largest companies | X | X | 41.2 | X |
| | 8 largest companies | X | X | 63.0 | X |
| | 20 largest companies | X | X | 93.7 | X |
| | 50 largest companies | X | X | 100.0 | 685.5 |
| 322224 | Uncoated paper and multiwall bag manufacturing | | | | |
| | All companies | 80 | 932 334 | 100.0 | X |
| | 4 largest companies | X | X | 51.0 | X |
| | 8 largest companies | X | X | 67.5 | X |
| | 20 largest companies | X | X | 85.1 | X |
| | 50 largest companies | X | X | 98.5 | 871.5 |
| 322225 | Laminated aluminum foil manufacturing for flexible packaging uses | | | | |
| | All companies | 38 | 602 561 | 100.0 | X |
| | 4 largest companies | X | X | 52.1 | X |
| | 8 largest companies | X | X | 69.7 | X |
| | 20 largest companies | X | X | 94.1 | X |
| | 50 largest companies | X | X | 100.0 | 929.8 |
| 322226 | Surface-coated paperboard manufacturing | | | | |
| | All companies | 49 | 288 938 | 100.0 | X |
| | 4 largest companies | X | X | 45.2 | X |
| | 8 largest companies | X | X | 65.3 | X |
| | 20 largest companies | X | X | 92.0 | X |
| | 50 largest companies | X | X | 100.0 | 713.8 |
| 32223 | Stationery product manufacturing | | | | |
| | All companies | 525 | 3 364 048 | 100.0 | X |
| | 4 largest companies | X | X | 32.5 | X |
| | 8 largest companies | X | X | 44.3 | X |
| | 20 largest companies | X | X | 61.1 | X |
| | 50 largest companies | X | X | 77.0 | 353.3 |
| 322231 | Die-cut paper and paperboard office supplies manufacturing | | | | |
| | All companies | 229 | 1 059 109 | 100.0 | X |
| | 4 largest companies | X | X | 42.3 | X |
| | 8 largest companies | X | X | 55.9 | X |
| | 20 largest companies | X | X | 73.9 | X |
| | 50 largest companies | X | X | 87.0 | 617.6 |
| 322232 | Envelope manufacturing | | | | |
| | All companies | 166 | 1 537 660 | 100.0 | X |
| | 4 largest companies | X | X | 48.6 | X |
| | 8 largest companies | X | X | 63.1 | X |
| | 20 largest companies | X | X | 77.2 | X |
| | 50 largest companies | X | X | 91.2 | 757.7 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 322 | Paper manufacturing—Con. | | | | |
| 3222 | Converted paper product manufacturing—Con. | | | | |
| 32223 | Stationery product manufacturing—Con. | | | | |
| 322233 | Stationery, tablet, and related product manufacturing | | | | |
| | All companies | 140 | 767 279 | 100.0 | X |
| | 4 largest companies | X | X | D | X |
| | 8 largest companies | X | X | 67.1 | X |
| | 20 largest companies | X | X | 84.1 | X |
| | 50 largest companies | X | X | 95.8 | 1 292.1 |
| 32229 | Other converted paper product manufacturing | | | | |
| | All companies | 616 | 8 319 206 | 100.0 | X |
| | 4 largest companies | X | X | 46.2 | X |
| | 8 largest companies | X | X | 59.5 | X |
| | 20 largest companies | X | X | 73.8 | X |
| | 50 largest companies | X | X | 84.6 | 822.5 |
| 322291 | Sanitary paper product manufacturing | | | | |
| | All companies | 109 | 6 008 981 | 100.0 | X |
| | 4 largest companies | X | X | 64.0 | X |
| | 8 largest companies | X | X | 79.6 | X |
| | 20 largest companies | X | X | 92.9 | X |
| | 50 largest companies | X | X | 98.7 | 1 531.4 |
| 322299 | All other converted paper product manufacturing | | | | |
| | All companies | 510 | 2 310 225 | 100.0 | X |
| | 4 largest companies | X | X | 29.4 | X |
| | 8 largest companies | X | X | 39.0 | X |
| | 20 largest companies | X | X | 52.7 | X |
| | 50 largest companies | X | X | 69.0 | 312.4 |
| 323 | Printing and related support activities | | | | |
| | All companies | 35 738 | 59 000 542 | 100.0 | X |
| | 4 largest companies | X | X | 10.0 | X |
| | 8 largest companies | X | X | 14.7 | X |
| | 20 largest companies | X | X | 22.9 | X |
| | 50 largest companies | X | X | 30.9 | 43.1 |
| 3231 | Printing and related support activities | | | | |
| | All companies | 35 738 | 59 000 542 | 100.0 | X |
| | 4 largest companies | X | X | 10.0 | X |
| | 8 largest companies | X | X | 14.7 | X |
| | 20 largest companies | X | X | 22.9 | X |
| | 50 largest companies | X | X | 30.9 | 43.1 |
| 32311 | Printing | | | | |
| | All companies | 32 572 | 54 807 694 | 100.0 | X |
| | 4 largest companies | X | X | 10.5 | X |
| | 8 largest companies | X | X | 15.6 | X |
| | 20 largest companies | X | X | 24.3 | X |
| | 50 largest companies | X | X | 32.5 | 48.0 |
| 323110 | Commercial lithographic printing | | | | |
| | All companies | 14 970 | 30 518 439 | 100.0 | X |
| | 4 largest companies | X | X | 11.6 | X |
| | 8 largest companies | X | X | 16.7 | X |
| | 20 largest companies | X | X | 26.3 | X |
| | 50 largest companies | X | X | 33.8 | 54.2 |
| 323111 | Commercial gravure printing | | | | |
| | All companies | 337 | 1 928 748 | 100.0 | X |
| | 4 largest companies | X | X | 66.6 | X |
| | 8 largest companies | X | X | 73.2 | X |
| | 20 largest companies | X | X | 84.6 | X |
| | 50 largest companies | X | X | 94.2 | 1 413.5 |
| 323112 | Commercial flexographic printing | | | | |
| | All companies | 838 | 2 929 402 | 100.0 | X |
| | 4 largest companies | X | X | 15.5 | X |
| | 8 largest companies | X | X | 22.9 | X |
| | 20 largest companies | X | X | 35.4 | X |
| | 50 largest companies | X | X | 52.2 | 98.1 |
| 323113 | Commercial screen printing | | | | |
| | All companies | 4 385 | 3 934 320 | 100.0 | X |
| | 4 largest companies | X | X | 6.0 | X |
| | 8 largest companies | X | X | 9.9 | X |
| | 20 largest companies | X | X | 17.9 | X |
| | 50 largest companies | X | X | 30.0 | 24.0 |
| 323114 | Quick printing | | | | |
| | All companies | 7 515 | 3 214 832 | 100.0 | X |
| | 4 largest companies | X | X | 22.3 | X |
| | 8 largest companies | X | X | 24.3 | X |
| | 20 largest companies | X | X | 27.5 | X |
| | 50 largest companies | X | X | 31.8 | 339.7 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added ² (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|------------------------------------|------------------------------------|--|
| 323 | Printing and related support activities—Con. | | | | |
| 3231 | Printing and related support activities—Con. | | | | |
| 32311 | Printing—Con. | | | | |
| 323115 | Digital printing | | | | |
| | All companies | 1 033 | 1 721 227 | 100.0 | X |
| | 4 largest companies | X | X | 19.8 | X |
| | 8 largest companies | X | X | 28.0 | X |
| | 20 largest companies | X | X | 42.2 | X |
| | 50 largest companies | X | X | 55.6 | 177.5 |
| 323116 | Manifold business forms printing | | | | |
| | All companies | 559 | 4 761 758 | 100.0 | X |
| | 4 largest companies | X | X | 34.1 | X |
| | 8 largest companies | X | X | 49.8 | X |
| | 20 largest companies | X | X | 67.8 | X |
| | 50 largest companies | X | X | 80.7 | 515.7 |
| 323117 | Books printing | | | | |
| | All companies | 560 | 3 132 841 | 100.0 | X |
| | 4 largest companies | X | X | 40.3 | X |
| | 8 largest companies | X | X | 55.5 | X |
| | 20 largest companies | X | X | 69.5 | X |
| | 50 largest companies | X | X | 82.4 | 534.2 |
| 323118 | Blankbook, looseleaf binders, and devices manufacturing | | | | |
| | All companies | 223 | 1 062 615 | 100.0 | X |
| | 4 largest companies | X | X | 48.3 | X |
| | 8 largest companies | X | X | 57.5 | X |
| | 20 largest companies | X | X | 71.5 | X |
| | 50 largest companies | X | X | 84.1 | 991.3 |
| 323119 | Other commercial printing | | | | |
| | All companies | 2 393 | 1 603 512 | 100.0 | X |
| | 4 largest companies | X | X | 8.7 | X |
| | 8 largest companies | X | X | 14.0 | X |
| | 20 largest companies | X | X | 23.0 | X |
| | 50 largest companies | X | X | 35.4 | 39.2 |
| 32312 | Support activities for printing | | | | |
| | All companies | 3 242 | 4 192 848 | 100.0 | X |
| | 4 largest companies | X | X | 10.0 | X |
| | 8 largest companies | X | X | 16.0 | X |
| | 20 largest companies | X | X | 24.9 | X |
| | 50 largest companies | X | X | 36.3 | 47.0 |
| 323121 | Tradebinding and related work | | | | |
| | All companies | 1 211 | 1 524 535 | 100.0 | X |
| | 4 largest companies | X | X | 12.7 | X |
| | 8 largest companies | X | X | 18.6 | X |
| | 20 largest companies | X | X | 28.4 | X |
| | 50 largest companies | X | X | 41.7 | 67.8 |
| 323122 | Prepress services | | | | |
| | All companies | 2 033 | 2 668 313 | 100.0 | X |
| | 4 largest companies | X | X | 15.8 | X |
| | 8 largest companies | X | X | 23.9 | X |
| | 20 largest companies | X | X | 34.3 | X |
| | 50 largest companies | X | X | 47.7 | 97.4 |
| 324 | Petroleum and coal products manufacturing | | | | |
| | All companies | 1 106 | 37 077 275 | 100.0 | X |
| | 4 largest companies | X | X | 38.4 | X |
| | 8 largest companies | X | X | 54.0 | X |
| | 20 largest companies | X | X | 74.8 | X |
| | 50 largest companies | X | X | 86.7 | 544.9 |
| 3241 | Petroleum and coal products manufacturing | | | | |
| | All companies | 1 106 | 37 077 275 | 100.0 | X |
| | 4 largest companies | X | X | 38.4 | X |
| | 8 largest companies | X | X | 54.0 | X |
| | 20 largest companies | X | X | 74.8 | X |
| | 50 largest companies | X | X | 86.7 | 544.9 |
| 32411 | Petroleum refineries | | | | |
| | All companies | 88 | 28 376 524 | 100.0 | X |
| | 4 largest companies | X | X | 46.7 | X |
| | 8 largest companies | X | X | 66.7 | X |
| | 20 largest companies | X | X | 91.9 | X |
| | 50 largest companies | X | X | 99.6 | 809.1 |
| 324110 | Petroleum refineries | | | | |
| | All companies | 88 | 28 376 524 | 100.0 | X |
| | 4 largest companies | X | X | 46.7 | X |
| | 8 largest companies | X | X | 66.7 | X |
| | 20 largest companies | X | X | 91.9 | X |
| | 50 largest companies | X | X | 99.6 | 809.1 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added ² (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|------------------------------------|------------------------------------|--|
| 324 | Petroleum and coal products manufacturing—Con. | | | | |
| 3241 | Petroleum and coal products manufacturing—Con. | | | | |
| 32412 | Asphalt paving, roofing, and saturated materials manufacturing | | | | |
| | All companies | 628 | 5 453 777 | 100.0 | X |
| | 4 largest companies | X | X | 28.4 | X |
| | 8 largest companies | X | X | 41.3 | X |
| | 20 largest companies | X | X | 55.2 | X |
| | 50 largest companies | X | X | 69.5 | 276.6 |
| 324121 | Asphalt paving mixture and block manufacturing | | | | |
| | All companies | 511 | 2 835 919 | 100.0 | X |
| | 4 largest companies | X | X | 19.7 | X |
| | 8 largest companies | X | X | 28.9 | X |
| | 20 largest companies | X | X | 43.3 | X |
| | 50 largest companies | X | X | 61.8 | 154.7 |
| 324122 | Asphalt shingle and coating materials manufacturing | | | | |
| | All companies | 123 | 2 617 858 | 100.0 | X |
| | 4 largest companies | X | X | 59.3 | X |
| | 8 largest companies | X | X | 76.8 | X |
| | 20 largest companies | X | X | 89.5 | X |
| | 50 largest companies | X | X | 97.4 | 1 031.3 |
| 32419 | Other petroleum and coal products manufacturing | | | | |
| | All companies | 420 | 3 246 974 | 100.0 | X |
| | 4 largest companies | X | X | 35.2 | X |
| | 8 largest companies | X | X | 48.0 | X |
| | 20 largest companies | X | X | 64.9 | X |
| | 50 largest companies | X | X | 80.8 | 444.3 |
| 324191 | Petroleum lubricating oil and grease manufacturing | | | | |
| | All companies | 356 | 2 607 323 | 100.0 | X |
| | 4 largest companies | X | X | 42.2 | X |
| | 8 largest companies | X | X | 56.5 | X |
| | 20 largest companies | X | X | 69.7 | X |
| | 50 largest companies | X | X | 85.1 | 631.0 |
| 324199 | All other petroleum and coal products manufacturing | | | | |
| | All companies | 66 | 639 651 | 100.0 | X |
| | 4 largest companies | X | X | 40.2 | X |
| | 8 largest companies | X | X | 65.1 | X |
| | 20 largest companies | X | X | 91.3 | X |
| | 50 largest companies | X | X | 99.8 | 658.4 |
| 325 | Chemical manufacturing | | | | |
| | All companies | 9 659 | 256 192 792 | 100.0 | X |
| | 4 largest companies | X | X | 15.7 | X |
| | 8 largest companies | X | X | 24.2 | X |
| | 20 largest companies | X | X | 40.1 | X |
| | 50 largest companies | X | X | 57.8 | 125.5 |
| 3251 | Basic chemical manufacturing | | | | |
| | All companies | 1 229 | 45 712 261 | 100.0 | X |
| | 4 largest companies | X | X | 18.3 | X |
| | 8 largest companies | X | X | 28.6 | X |
| | 20 largest companies | X | X | 45.3 | X |
| | 50 largest companies | X | X | 66.4 | 160.4 |
| 32511 | Petrochemical manufacturing | | | | |
| | All companies | 43 | 5 983 886 | 100.0 | X |
| | 4 largest companies | X | X | 88.2 | X |
| | 8 largest companies | X | X | 98.4 | X |
| | 20 largest companies | X | X | 99.9 | X |
| | 50 largest companies | X | X | 100.0 | D |
| 325110 | Petrochemical manufacturing | | | | |
| | All companies | 43 | 5 983 886 | 100.0 | X |
| | 4 largest companies | X | X | 88.2 | X |
| | 8 largest companies | X | X | 98.4 | X |
| | 20 largest companies | X | X | 99.9 | X |
| | 50 largest companies | X | X | 100.0 | D |
| 32512 | Industrial gas manufacturing | | | | |
| | All companies | 103 | 3 579 560 | 100.0 | X |
| | 4 largest companies | X | X | 65.2 | X |
| | 8 largest companies | X | X | 84.7 | X |
| | 20 largest companies | X | X | 97.7 | X |
| | 50 largest companies | X | X | 99.9 | 1 317.2 |
| 325120 | Industrial gas manufacturing | | | | |
| | All companies | 103 | 3 579 560 | 100.0 | X |
| | 4 largest companies | X | X | 65.2 | X |
| | 8 largest companies | X | X | 84.7 | X |
| | 20 largest companies | X | X | 97.7 | X |
| | 50 largest companies | X | X | 99.9 | 1 317.2 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 325 | Chemical manufacturing—Con. | | | | |
| 3251 | Basic chemical manufacturing—Con. | | | | |
| 32513 | Synthetic dye and pigment manufacturing | | | | |
| | All companies | 159 | 3 349 807 | 100.0 | X |
| | 4 largest companies | X | X | 40.7 | X |
| | 8 largest companies | X | X | 58.4 | X |
| | 20 largest companies | X | X | 78.6 | X |
| | 50 largest companies | X | X | 96.1 | 690.9 |
| 325131 | Inorganic dye and pigment manufacturing | | | | |
| | All companies | 62 | 1 938 703 | 100.0 | X |
| | 4 largest companies | X | X | 69.0 | X |
| | 8 largest companies | X | X | 81.7 | X |
| | 20 largest companies | X | X | 97.1 | X |
| | 50 largest companies | X | X | 99.9 | 1 732.4 |
| 325132 | Synthetic organic dye and pigment manufacturing | | | | |
| | All companies | 98 | 1 411 104 | 100.0 | X |
| | 4 largest companies | X | X | 44.1 | X |
| | 8 largest companies | X | X | 60.4 | X |
| | 20 largest companies | X | X | 88.0 | X |
| | 50 largest companies | X | X | 99.0 | 631.2 |
| 32518 | Other basic inorganic chemical manufacturing | | | | |
| | All companies | 423 | 11 340 748 | 100.0 | X |
| | 4 largest companies | X | X | 22.3 | X |
| | 8 largest companies | X | X | 34.0 | X |
| | 20 largest companies | X | X | 58.6 | X |
| | 50 largest companies | X | X | 81.1 | 244.8 |
| 325181 | Alkalies and chlorine manufacturing | | | | |
| | All companies | 29 | 1 299 762 | 100.0 | X |
| | 4 largest companies | X | X | 73.3 | X |
| | 8 largest companies | X | X | 91.7 | X |
| | 20 largest companies | X | X | 99.6 | X |
| | 50 largest companies | X | X | 100.0 | 1 680.1 |
| 325182 | Carbon black manufacturing | | | | |
| | All companies | 11 | 514 981 | 100.0 | X |
| | 4 largest companies | X | X | 77.6 | X |
| | 8 largest companies | X | X | 99.2 | X |
| | 20 largest companies | X | X | 100.0 | 2 011.9 |
| | 50 largest companies | X | X | — | — |
| 325188 | All other basic inorganic chemical manufacturing | | | | |
| | All companies | 394 | 9 526 005 | 100.0 | X |
| | 4 largest companies | X | X | 26.6 | X |
| | 8 largest companies | X | X | 38.5 | X |
| | 20 largest companies | X | X | 61.2 | X |
| | 50 largest companies | X | X | 81.9 | 297.0 |
| 32519 | Other basic organic chemical manufacturing | | | | |
| | All companies | 597 | 21 458 260 | 100.0 | X |
| | 4 largest companies | X | X | 18.7 | X |
| | 8 largest companies | X | X | 29.4 | X |
| | 20 largest companies | X | X | 49.4 | X |
| | 50 largest companies | X | X | 74.2 | 174.0 |
| 325191 | Gum and wood chemical manufacturing | | | | |
| | All companies | 42 | 531 006 | 100.0 | X |
| | 4 largest companies | X | X | 82.0 | X |
| | 8 largest companies | X | X | 91.3 | X |
| | 20 largest companies | X | X | 97.9 | X |
| | 50 largest companies | X | X | 100.0 | 2 693.1 |
| 325192 | Cyclic crude and intermediate manufacturing | | | | |
| | All companies | 30 | 2 294 875 | 100.0 | X |
| | 4 largest companies | X | X | 77.1 | X |
| | 8 largest companies | X | X | 93.6 | X |
| | 20 largest companies | X | X | 99.7 | X |
| | 50 largest companies | X | X | 100.0 | 2 459.7 |
| 325193 | Ethyl alcohol manufacturing | | | | |
| | All companies | 64 | 784 010 | 100.0 | X |
| | 4 largest companies | X | X | 53.7 | X |
| | 8 largest companies | X | X | 70.5 | X |
| | 20 largest companies | X | X | 89.8 | X |
| | 50 largest companies | X | X | 99.9 | 1 030.5 |
| 325199 | All other basic organic chemical manufacturing | | | | |
| | All companies | 481 | 17 848 369 | 100.0 | X |
| | 4 largest companies | X | X | 18.1 | X |
| | 8 largest companies | X | X | 29.7 | X |
| | 20 largest companies | X | X | 51.0 | X |
| | 50 largest companies | X | X | 76.0 | 180.5 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 325 | Chemical manufacturing—Con. | | | | |
| 3252 | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing | | | | |
| | All companies | 627 | 22 614 958 | 100.0 | X |
| | 4 largest companies | X | X | 34.0 | X |
| | 8 largest companies | X | X | 43.7 | X |
| | 20 largest companies | X | X | 61.6 | X |
| | 50 largest companies | X | X | 82.6 | 395.8 |
| 32521 | Resin and synthetic rubber manufacturing | | | | |
| | All companies | 559 | 19 038 566 | 100.0 | X |
| | 4 largest companies | X | X | 33.8 | X |
| | 8 largest companies | X | X | 44.0 | X |
| | 20 largest companies | X | X | 63.8 | X |
| | 50 largest companies | X | X | 83.8 | 399.9 |
| 325211 | Plastics material and resin manufacturing | | | | |
| | All companies | 445 | 16 471 055 | 100.0 | X |
| | 4 largest companies | X | X | 36.8 | X |
| | 8 largest companies | X | X | 48.0 | X |
| | 20 largest companies | X | X | 66.0 | X |
| | 50 largest companies | X | X | 85.2 | 477.4 |
| 325212 | Synthetic rubber manufacturing | | | | |
| | All companies | 133 | 2 567 511 | 100.0 | X |
| | 4 largest companies | X | X | 47.4 | X |
| | 8 largest companies | X | X | 70.9 | X |
| | 20 largest companies | X | X | 94.1 | X |
| | 50 largest companies | X | X | 98.7 | 793.3 |
| 32522 | Artificial and synthetic fibers and filaments manufacturing | | | | |
| | All companies | 77 | 3 576 392 | 100.0 | X |
| | 4 largest companies | X | X | 55.3 | X |
| | 8 largest companies | X | X | 76.9 | X |
| | 20 largest companies | X | X | 93.6 | X |
| | 50 largest companies | X | X | 99.6 | 1 549.6 |
| 325221 | Cellulosic organic fiber manufacturing | | | | |
| | All companies | 8 | 261 635 | 100.0 | X |
| | 4 largest companies | X | X | 92.4 | X |
| | 8 largest companies | X | X | 100.0 | D |
| | 20 largest companies | X | X | — | — |
| | 50 largest companies | X | X | — | — |
| 325222 | Noncellulosic organic fiber manufacturing | | | | |
| | All companies | 69 | 3 314 757 | 100.0 | X |
| | 4 largest companies | X | X | 59.7 | X |
| | 8 largest companies | X | X | 82.6 | X |
| | 20 largest companies | X | X | 95.5 | X |
| | 50 largest companies | X | X | 99.8 | 1 769.3 |
| 3253 | Pesticide, fertilizer, and other agricultural chemical manufacturing | | | | |
| | All companies | 704 | 9 282 504 | 100.0 | X |
| | 4 largest companies | X | X | 47.3 | X |
| | 8 largest companies | X | X | 61.1 | X |
| | 20 largest companies | X | X | 78.2 | X |
| | 50 largest companies | X | X | 87.8 | 1 029.9 |
| 32531 | Fertilizer manufacturing | | | | |
| | All companies | 502 | 3 407 370 | 100.0 | X |
| | 4 largest companies | X | X | 39.7 | X |
| | 8 largest companies | X | X | 59.3 | X |
| | 20 largest companies | X | X | 76.5 | X |
| | 50 largest companies | X | X | 88.1 | 564.6 |
| 325311 | Nitrogenous fertilizer manufacturing | | | | |
| | All companies | 116 | 971 247 | 100.0 | X |
| | 4 largest companies | X | X | 56.5 | X |
| | 8 largest companies | X | X | 80.9 | X |
| | 20 largest companies | X | X | 95.4 | X |
| | 50 largest companies | X | X | 99.3 | 1 071.0 |
| 325312 | Phosphatic fertilizer manufacturing | | | | |
| | All companies | 33 | 1 361 338 | 100.0 | X |
| | 4 largest companies | X | X | 82.1 | X |
| | 8 largest companies | X | X | 94.8 | X |
| | 20 largest companies | X | X | 99.9 | X |
| | 50 largest companies | X | X | 100.0 | 1 765.6 |
| 325314 | Fertilizer (mixing only) manufacturing | | | | |
| | All companies | 367 | 1 074 785 | 100.0 | X |
| | 4 largest companies | X | X | 33.8 | X |
| | 8 largest companies | X | X | 43.3 | X |
| | 20 largest companies | X | X | 60.4 | X |
| | 50 largest companies | X | X | 78.3 | 597.8 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 325 | Chemical manufacturing—Con. | | | | |
| 3253 | Pesticide, fertilizer, and other agricultural chemical manufacturing—Con. | | | | |
| 32532 | Pesticide and other agricultural chemical manufacturing | | | | |
| | All companies | 206 | 5 875 134 | 100.0 | X |
| | 4 largest companies | X | X | 73.0 | X |
| | 8 largest companies | X | X | 83.9 | X |
| | 20 largest companies | X | X | 90.3 | X |
| | 50 largest companies | X | X | 95.6 | 2 381.3 |
| 325320 | Pesticide and other agricultural chemical manufacturing | | | | |
| | All companies | 206 | 5 875 134 | 100.0 | X |
| | 4 largest companies | X | X | 73.0 | X |
| | 8 largest companies | X | X | 83.9 | X |
| | 20 largest companies | X | X | 90.3 | X |
| | 50 largest companies | X | X | 95.6 | 2 381.3 |
| 3254 | Pharmaceutical and medicine manufacturing | | | | |
| | All companies | 1 444 | 104 300 076 | 100.0 | X |
| | 4 largest companies | X | X | 33.6 | X |
| | 8 largest companies | X | X | 49.6 | X |
| | 20 largest companies | X | X | 71.8 | X |
| | 50 largest companies | X | X | 85.1 | 481.4 |
| 32541 | Pharmaceutical and medicine manufacturing | | | | |
| | All companies | 1 444 | 104 300 076 | 100.0 | X |
| | 4 largest companies | X | X | 33.6 | X |
| | 8 largest companies | X | X | 49.6 | X |
| | 20 largest companies | X | X | 71.8 | X |
| | 50 largest companies | X | X | 85.1 | 481.4 |
| 325411 | Medicinal and botanical manufacturing | | | | |
| | All companies | 343 | 7 955 203 | 100.0 | X |
| | 4 largest companies | X | X | 69.7 | X |
| | 8 largest companies | X | X | 76.1 | X |
| | 20 largest companies | X | X | 85.9 | X |
| | 50 largest companies | X | X | 92.8 | D |
| 325412 | Pharmaceutical preparation manufacturing | | | | |
| | All companies | 731 | 84 611 875 | 100.0 | X |
| | 4 largest companies | X | X | 34.9 | X |
| | 8 largest companies | X | X | 53.1 | X |
| | 20 largest companies | X | X | 77.4 | X |
| | 50 largest companies | X | X | 89.8 | 504.6 |
| 325413 | In-vitro diagnostic substance manufacturing | | | | |
| | All companies | 197 | 5 727 462 | 100.0 | X |
| | 4 largest companies | X | X | 54.3 | X |
| | 8 largest companies | X | X | 71.4 | X |
| | 20 largest companies | X | X | 85.7 | X |
| | 50 largest companies | X | X | 94.1 | 959.2 |
| 325414 | Biological product (except diagnostic) manufacturing | | | | |
| | All companies | 233 | 6 005 536 | 100.0 | X |
| | 4 largest companies | X | X | 44.8 | X |
| | 8 largest companies | X | X | 69.2 | X |
| | 20 largest companies | X | X | 85.2 | X |
| | 50 largest companies | X | X | 94.4 | 710.6 |
| 3255 | Paint, coating, and adhesive manufacturing | | | | |
| | All companies | 1 597 | 13 341 216 | 100.0 | X |
| | 4 largest companies | X | X | 28.2 | X |
| | 8 largest companies | X | X | 41.2 | X |
| | 20 largest companies | X | X | 57.1 | X |
| | 50 largest companies | X | X | 71.1 | 277.4 |
| 32551 | Paint and coating manufacturing | | | | |
| | All companies | 1 149 | 9 533 554 | 100.0 | X |
| | 4 largest companies | X | X | 34.4 | X |
| | 8 largest companies | X | X | 51.6 | X |
| | 20 largest companies | X | X | 68.9 | X |
| | 50 largest companies | X | X | 78.3 | 423.0 |
| 325510 | Paint and coating manufacturing | | | | |
| | All companies | 1 149 | 9 533 554 | 100.0 | X |
| | 4 largest companies | X | X | 34.4 | X |
| | 8 largest companies | X | X | 51.6 | X |
| | 20 largest companies | X | X | 68.9 | X |
| | 50 largest companies | X | X | 78.3 | 423.0 |
| 32552 | Adhesive manufacturing | | | | |
| | All companies | 466 | 3 807 662 | 100.0 | X |
| | 4 largest companies | X | X | 24.7 | X |
| | 8 largest companies | X | X | 35.9 | X |
| | 20 largest companies | X | X | 57.2 | X |
| | 50 largest companies | X | X | 77.0 | 272.9 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 325 | Chemical manufacturing—Con. | | | | |
| 3255 | Paint, coating, and adhesive manufacturing—Con. | | | | |
| 32552 | Adhesive manufacturing—Con. | | | | |
| 325520 | Adhesive manufacturing | | | | |
| | All companies | 466 | 3 807 662 | 100.0 | X |
| | 4 largest companies | X | X | 24.7 | X |
| | 8 largest companies | X | X | 35.9 | X |
| | 20 largest companies | X | X | 57.2 | X |
| | 50 largest companies | X | X | 77.0 | 272.9 |
| 3256 | Soap, cleaning compound, and toilet preparation manufacturing | | | | |
| | All companies | 2 142 | 40 740 477 | 100.0 | X |
| | 4 largest companies | X | X | 44.7 | X |
| | 8 largest companies | X | X | 55.1 | X |
| | 20 largest companies | X | X | 70.3 | X |
| | 50 largest companies | X | X | 79.6 | 854.7 |
| 32561 | Soap and cleaning compound manufacturing | | | | |
| | All companies | 1 387 | 18 051 324 | 100.0 | X |
| | 4 largest companies | X | X | 49.0 | X |
| | 8 largest companies | X | X | 61.6 | X |
| | 20 largest companies | X | X | 72.2 | X |
| | 50 largest companies | X | X | 81.0 | 949.0 |
| 325611 | Soap and other detergent manufacturing | | | | |
| | All companies | 699 | 10 260 490 | 100.0 | X |
| | 4 largest companies | X | X | 63.1 | X |
| | 8 largest companies | X | X | 73.9 | X |
| | 20 largest companies | X | X | 82.7 | X |
| | 50 largest companies | X | X | 88.4 | 2 307.8 |
| 325612 | Polish and other sanitation good manufacturing | | | | |
| | All companies | 561 | 5 897 284 | 100.0 | X |
| | 4 largest companies | X | X | 64.2 | X |
| | 8 largest companies | X | X | 72.4 | X |
| | 20 largest companies | X | X | 79.5 | X |
| | 50 largest companies | X | X | 87.0 | 1 674.0 |
| 325613 | Surface active agent manufacturing | | | | |
| | All companies | 142 | 1 893 550 | 100.0 | X |
| | 4 largest companies | X | X | 47.8 | X |
| | 8 largest companies | X | X | 62.4 | X |
| | 20 largest companies | X | X | 79.8 | X |
| | 50 largest companies | X | X | 94.4 | 1 237.7 |
| 32562 | Toilet preparation manufacturing | | | | |
| | All companies | 765 | 22 689 153 | 100.0 | X |
| | 4 largest companies | X | X | 52.2 | X |
| | 8 largest companies | X | X | 66.9 | X |
| | 20 largest companies | X | X | 79.7 | X |
| | 50 largest companies | X | X | 87.7 | 1 023.6 |
| 325620 | Toilet preparation manufacturing | | | | |
| | All companies | 765 | 22 689 153 | 100.0 | X |
| | 4 largest companies | X | X | 52.2 | X |
| | 8 largest companies | X | X | 66.9 | X |
| | 20 largest companies | X | X | 79.7 | X |
| | 50 largest companies | X | X | 87.7 | 1 023.6 |
| 3259 | Other chemical product and preparation manufacturing | | | | |
| | All companies | 2 304 | 20 201 300 | 100.0 | X |
| | 4 largest companies | X | X | 34.2 | X |
| | 8 largest companies | X | X | 40.7 | X |
| | 20 largest companies | X | X | 51.6 | X |
| | 50 largest companies | X | X | 64.7 | 681.1 |
| 32591 | Printing ink manufacturing | | | | |
| | All companies | 229 | 2 021 098 | 100.0 | X |
| | 4 largest companies | X | X | 52.0 | X |
| | 8 largest companies | X | X | 63.2 | X |
| | 20 largest companies | X | X | 76.2 | X |
| | 50 largest companies | X | X | 89.4 | 1 004.3 |
| 325910 | Printing ink manufacturing | | | | |
| | All companies | 229 | 2 021 098 | 100.0 | X |
| | 4 largest companies | X | X | 52.0 | X |
| | 8 largest companies | X | X | 63.2 | X |
| | 20 largest companies | X | X | 76.2 | X |
| | 50 largest companies | X | X | 89.4 | 1 004.3 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added ² (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|------------------------------------|------------------------------------|--|
| 325 | Chemical manufacturing—Con. | | | | |
| 3259 | Other chemical product and preparation manufacturing—Con. | | | | |
| 32592 | Explosives manufacturing | | | | |
| | All companies | 57 | 600 090 | 100.0 | X |
| | 4 largest companies | X | X | 56.9 | X |
| | 8 largest companies | X | X | 78.1 | X |
| | 20 largest companies | X | X | 94.1 | X |
| | 50 largest companies | X | X | 99.9 | 1 075.3 |
| 325920 | Explosives manufacturing | | | | |
| | All companies | 57 | 600 090 | 100.0 | X |
| | 4 largest companies | X | X | 56.9 | X |
| | 8 largest companies | X | X | 78.1 | X |
| | 20 largest companies | X | X | 94.1 | X |
| | 50 largest companies | X | X | 99.9 | 1 075.3 |
| 32599 | All other chemical product and preparation manufacturing | | | | |
| | All companies | 2 028 | 17 580 112 | 100.0 | X |
| | 4 largest companies | X | X | 38.5 | X |
| | 8 largest companies | X | X | 44.9 | X |
| | 20 largest companies | X | X | 55.6 | X |
| | 50 largest companies | X | X | 68.2 | 885.5 |
| 325991 | Custom compounding of purchased resins | | | | |
| | All companies | 651 | 3 074 791 | 100.0 | X |
| | 4 largest companies | X | X | 27.2 | X |
| | 8 largest companies | X | X | 38.7 | X |
| | 20 largest companies | X | X | 58.7 | X |
| | 50 largest companies | X | X | 73.4 | 287.5 |
| 325992 | Photographic film, paper, plate, and chemical manufacturing | | | | |
| | All companies | 382 | 7 254 720 | 100.0 | X |
| | 4 largest companies | X | X | 83.1 | X |
| | 8 largest companies | X | X | 87.0 | X |
| | 20 largest companies | X | X | 91.9 | X |
| | 50 largest companies | X | X | 96.3 | D |
| 325998 | All other miscellaneous chemical product and preparation manufacturing | | | | |
| | All companies | 1 016 | 7 250 601 | 100.0 | X |
| | 4 largest companies | X | X | 22.3 | X |
| | 8 largest companies | X | X | 31.1 | X |
| | 20 largest companies | X | X | 46.7 | X |
| | 50 largest companies | X | X | 63.5 | 210.2 |
| 326 | Plastics and rubber products manufacturing | | | | |
| | All companies | 12 318 | 92 539 553 | 100.0 | X |
| | 4 largest companies | X | X | 7.3 | X |
| | 8 largest companies | X | X | 11.9 | X |
| | 20 largest companies | X | X | 21.2 | X |
| | 50 largest companies | X | X | 32.4 | 31.9 |
| 3261 | Plastics product manufacturing | | | | |
| | All companies | 10 489 | 75 392 692 | 100.0 | X |
| | 4 largest companies | X | X | 5.6 | X |
| | 8 largest companies | X | X | 10.1 | X |
| | 20 largest companies | X | X | 18.8 | X |
| | 50 largest companies | X | X | 30.2 | 24.0 |
| 32611 | Plastics packaging materials and unlaminated film and sheet manufacturing | | | | |
| | All companies | 1 281 | 13 868 464 | 100.0 | X |
| | 4 largest companies | X | X | 20.4 | X |
| | 8 largest companies | X | X | 31.0 | X |
| | 20 largest companies | X | X | 48.1 | X |
| | 50 largest companies | X | X | 64.5 | 174.5 |
| 326111 | Plastics bag manufacturing | | | | |
| | All companies | 375 | 3 752 137 | 100.0 | X |
| | 4 largest companies | X | X | 27.2 | X |
| | 8 largest companies | X | X | 39.5 | X |
| | 20 largest companies | X | X | 59.6 | X |
| | 50 largest companies | X | X | 78.7 | 293.3 |
| 326112 | Plastics packaging film and sheet (including laminated) manufacturing | | | | |
| | All companies | 212 | 3 205 621 | 100.0 | X |
| | 4 largest companies | X | X | 57.7 | X |
| | 8 largest companies | X | X | 65.6 | X |
| | 20 largest companies | X | X | 75.1 | X |
| | 50 largest companies | X | X | 87.0 | 1 017.2 |
| 326113 | Unlaminated plastics film and sheet (except packaging) manufacturing | | | | |
| | All companies | 744 | 6 910 706 | 100.0 | X |
| | 4 largest companies | X | X | 23.8 | X |
| | 8 largest companies | X | X | 35.9 | X |
| | 20 largest companies | X | X | 54.3 | X |
| | 50 largest companies | X | X | 70.8 | 243.6 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added ² (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|------------------------------------|------------------------------------|--|
| 326 | Plastics and rubber products manufacturing—Con. | | | | |
| 3261 | Plastics product manufacturing—Con. | | | | |
| 32612 | Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing | | | | |
| | All companies | 858 | 5 231 579 | 100.0 | X |
| | 4 largest companies | X | X | 21.0 | X |
| | 8 largest companies | X | X | 30.2 | X |
| | 20 largest companies | X | X | 47.6 | X |
| | 50 largest companies | X | X | 65.5 | 178.0 |
| 326121 | Unlaminated plastics profile shape manufacturing | | | | |
| | All companies | 555 | 3 005 280 | 100.0 | X |
| | 4 largest companies | X | X | 35.3 | X |
| | 8 largest companies | X | X | 46.1 | X |
| | 20 largest companies | X | X | 61.8 | X |
| | 50 largest companies | X | X | 74.9 | 404.4 |
| 326122 | Plastics pipe and pipe fitting manufacturing | | | | |
| | All companies | 310 | 2 226 299 | 100.0 | X |
| | 4 largest companies | X | X | 22.9 | X |
| | 8 largest companies | X | X | 36.3 | X |
| | 20 largest companies | X | X | 58.5 | X |
| | 50 largest companies | X | X | 79.2 | 239.1 |
| 32613 | Laminated plastics plate, sheet, (except packaging), and shape manufacturing | | | | |
| | All companies | 280 | 1 202 258 | 100.0 | X |
| | 4 largest companies | X | X | 46.9 | X |
| | 8 largest companies | X | X | 57.7 | X |
| | 20 largest companies | X | X | 73.0 | X |
| | 50 largest companies | X | X | 87.9 | 1 067.5 |
| 326130 | Laminated plastics plate, sheet, (except packaging), and shape manufacturing | | | | |
| | All companies | 280 | 1 202 258 | 100.0 | X |
| | 4 largest companies | X | X | 46.9 | X |
| | 8 largest companies | X | X | 57.7 | X |
| | 20 largest companies | X | X | 73.0 | X |
| | 50 largest companies | X | X | 87.9 | 1 067.5 |
| 32614 | Polystyrene foam product manufacturing | | | | |
| | All companies | 394 | 3 535 701 | 100.0 | X |
| | 4 largest companies | X | X | 46.0 | X |
| | 8 largest companies | X | X | 56.0 | X |
| | 20 largest companies | X | X | 70.3 | X |
| | 50 largest companies | X | X | 83.5 | 839.2 |
| 326140 | Polystyrene foam product manufacturing | | | | |
| | All companies | 394 | 3 535 701 | 100.0 | X |
| | 4 largest companies | X | X | 46.0 | X |
| | 8 largest companies | X | X | 56.0 | X |
| | 20 largest companies | X | X | 70.3 | X |
| | 50 largest companies | X | X | 83.5 | 839.2 |
| 32615 | Urethane and other foam product (except polystyrene) manufacturing | | | | |
| | All companies | 424 | 3 347 267 | 100.0 | X |
| | 4 largest companies | X | X | 37.6 | X |
| | 8 largest companies | X | X | 51.3 | X |
| | 20 largest companies | X | X | 65.1 | X |
| | 50 largest companies | X | X | 79.1 | 515.8 |
| 326150 | Urethane and other foam product (except polystyrene) manufacturing | | | | |
| | All companies | 424 | 3 347 267 | 100.0 | X |
| | 4 largest companies | X | X | 37.6 | X |
| | 8 largest companies | X | X | 51.3 | X |
| | 20 largest companies | X | X | 65.1 | X |
| | 50 largest companies | X | X | 79.1 | 515.8 |
| 32616 | Plastics bottle manufacturing | | | | |
| | All companies | 184 | 3 877 924 | 100.0 | X |
| | 4 largest companies | X | X | 40.9 | X |
| | 8 largest companies | X | X | 62.1 | X |
| | 20 largest companies | X | X | 82.6 | X |
| | 50 largest companies | X | X | 93.3 | 608.8 |
| 326160 | Plastics bottle manufacturing | | | | |
| | All companies | 184 | 3 877 924 | 100.0 | X |
| | 4 largest companies | X | X | 40.9 | X |
| | 8 largest companies | X | X | 62.1 | X |
| | 20 largest companies | X | X | 82.6 | X |
| | 50 largest companies | X | X | 93.3 | 608.8 |
| 32619 | Other plastics product manufacturing | | | | |
| | All companies | 7 312 | 44 329 499 | 100.0 | X |
| | 4 largest companies | X | X | 6.3 | X |
| | 8 largest companies | X | X | 10.0 | X |
| | 20 largest companies | X | X | 17.9 | X |
| | 50 largest companies | X | X | 29.3 | 23.6 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 326 | Plastics and rubber products manufacturing—Con. | | | | |
| 3261 | Plastics product manufacturing—Con. | | | | |
| 32619 | Other plastics product manufacturing—Con. | | | | |
| 326191 | Plastics plumbing fixture manufacturing | | | | |
| | All companies | 505 | 1 840 160 | 100.0 | X |
| | 4 largest companies | X | X | 37.4 | X |
| | 8 largest companies | X | X | 47.8 | X |
| | 20 largest companies | X | X | 58.7 | X |
| | 50 largest companies | X | X | 72.0 | 444.6 |
| 326192 | Resilient floor covering manufacturing | | | | |
| | All companies | 48 | 851 945 | 100.0 | X |
| | 4 largest companies | X | X | 85.4 | X |
| | 8 largest companies | X | X | 94.3 | X |
| | 20 largest companies | X | X | 98.8 | X |
| | 50 largest companies | X | X | 100.0 | D |
| 326199 | All other plastics product manufacturing | | | | |
| | All companies | 6 775 | 41 637 394 | 100.0 | X |
| | 4 largest companies | X | X | 6.4 | X |
| | 8 largest companies | X | X | 9.9 | X |
| | 20 largest companies | X | X | 18.0 | X |
| | 50 largest companies | X | X | 29.4 | 23.9 |
| 3262 | Rubber product manufacturing | | | | |
| | All companies | 1 907 | 17 146 861 | 100.0 | X |
| | 4 largest companies | X | X | 39.2 | X |
| | 8 largest companies | X | X | 49.4 | X |
| | 20 largest companies | X | X | 59.9 | X |
| | 50 largest companies | X | X | 70.6 | 472.2 |
| 32621 | Tire manufacturing | | | | |
| | All companies | 545 | 7 678 355 | 100.0 | X |
| | 4 largest companies | X | X | 72.9 | X |
| | 8 largest companies | X | X | 89.4 | X |
| | 20 largest companies | X | X | 93.9 | X |
| | 50 largest companies | X | X | 96.7 | 1 644.7 |
| 326211 | Tire manufacturing (except retreading) | | | | |
| | All companies | 112 | 7 189 543 | 100.0 | X |
| | 4 largest companies | X | X | 76.1 | X |
| | 8 largest companies | X | X | 93.4 | X |
| | 20 largest companies | X | X | 98.2 | X |
| | 50 largest companies | X | X | 99.7 | 1 773.8 |
| 326212 | Tire retreading | | | | |
| | All companies | 440 | 488 812 | 100.0 | X |
| | 4 largest companies | X | X | 32.9 | X |
| | 8 largest companies | X | X | 42.8 | X |
| | 20 largest companies | X | X | 57.1 | X |
| | 50 largest companies | X | X | 71.4 | 572.7 |
| 32622 | Rubber and plastics hoses and belting manufacturing | | | | |
| | All companies | 187 | 2 121 044 | 100.0 | X |
| | 4 largest companies | X | X | 45.7 | X |
| | 8 largest companies | X | X | 59.0 | X |
| | 20 largest companies | X | X | 78.3 | X |
| | 50 largest companies | X | X | 92.2 | 752.5 |
| 326220 | Rubber and plastics hoses and belting manufacturing | | | | |
| | All companies | 187 | 2 121 044 | 100.0 | X |
| | 4 largest companies | X | X | 45.7 | X |
| | 8 largest companies | X | X | 59.0 | X |
| | 20 largest companies | X | X | 78.3 | X |
| | 50 largest companies | X | X | 92.2 | 752.5 |
| 32629 | Other rubber product manufacturing | | | | |
| | All companies | 1 202 | 7 347 462 | 100.0 | X |
| | 4 largest companies | X | X | 13.6 | X |
| | 8 largest companies | X | X | 21.8 | X |
| | 20 largest companies | X | X | 37.7 | X |
| | 50 largest companies | X | X | 55.7 | 100.5 |
| 326291 | Rubber product manufacturing for mechanical use | | | | |
| | All companies | 494 | 4 137 609 | 100.0 | X |
| | 4 largest companies | X | X | 21.9 | X |
| | 8 largest companies | X | X | 34.8 | X |
| | 20 largest companies | X | X | 53.8 | X |
| | 50 largest companies | X | X | 74.6 | 223.3 |
| 326299 | All other rubber product manufacturing | | | | |
| | All companies | 729 | 3 209 853 | 100.0 | X |
| | 4 largest companies | X | X | 15.9 | X |
| | 8 largest companies | X | X | 25.0 | X |
| | 20 largest companies | X | X | 40.4 | X |
| | 50 largest companies | X | X | 58.0 | 120.5 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|---------------|--|------------------------|-----------------------|------------------------------------|--|
| 327 | Nonmetallic mineral product manufacturing | | | | |
| | All companies | 11 514 | 54 765 493 | 100.0 | X |
| | 4 largest companies | X | X | 7.7 | X |
| | 8 largest companies | X | X | 14.2 | X |
| | 20 largest companies | X | X | 28.0 | X |
| | 50 largest companies | X | X | 43.5 | 50.5 |
| 3271 | Clay product and refractory manufacturing | | | | |
| | All companies | 1 423 | 5 449 685 | 100.0 | X |
| | 4 largest companies | X | X | 17.8 | X |
| | 8 largest companies | X | X | 27.5 | X |
| | 20 largest companies | X | X | 48.1 | X |
| | 50 largest companies | X | X | 67.5 | 156.7 |
| 32711 | Pottery, ceramics, and plumbing fixture manufacturing | | | | |
| | All companies | 909 | 2 208 533 | 100.0 | X |
| | 4 largest companies | X | X | 29.9 | X |
| | 8 largest companies | X | X | 44.3 | X |
| | 20 largest companies | X | X | 63.9 | X |
| | 50 largest companies | X | X | 80.0 | 382.7 |
| 327111 | Vitreous china and earthenware plumbing fixture and accessories mfg | | | | |
| | All companies | 37 | 835 905 | 100.0 | X |
| | 4 largest companies | X | X | 72.5 | X |
| | 8 largest companies | X | X | 95.0 | X |
| | 20 largest companies | X | X | 99.6 | X |
| | 50 largest companies | X | X | 100.0 | 1 973.5 |
| 327112 | Vitreous china, fine earthenware, and other pottery product manufacturing | | | | |
| | All companies | 753 | 625 926 | 100.0 | X |
| | 4 largest companies | X | X | 32.4 | X |
| | 8 largest companies | X | X | 43.1 | X |
| | 20 largest companies | X | X | 59.5 | X |
| | 50 largest companies | X | X | 76.4 | 363.7 |
| 327113 | Porcelain electrical supply manufacturing | | | | |
| | All companies | 122 | 746 702 | 100.0 | X |
| | 4 largest companies | X | X | 38.9 | X |
| | 8 largest companies | X | X | 51.1 | X |
| | 20 largest companies | X | X | 74.9 | X |
| | 50 largest companies | X | X | 93.7 | 586.9 |
| 32712 | Clay building material and refractories manufacturing | | | | |
| | All companies | 520 | 3 241 152 | 100.0 | X |
| | 4 largest companies | X | X | 24.7 | X |
| | 8 largest companies | X | X | 37.9 | X |
| | 20 largest companies | X | X | 60.3 | X |
| | 50 largest companies | X | X | 76.5 | 256.3 |
| 327121 | Brick and structural clay tile manufacturing | | | | |
| | All companies | 106 | 1 383 086 | 100.0 | X |
| | 4 largest companies | X | X | 48.1 | X |
| | 8 largest companies | X | X | 63.3 | X |
| | 20 largest companies | X | X | 81.3 | X |
| | 50 largest companies | X | X | 96.4 | 716.3 |
| 327122 | Ceramic wall and floor tile manufacturing | | | | |
| | All companies | 188 | 659 874 | 100.0 | X |
| | 4 largest companies | X | X | 61.4 | X |
| | 8 largest companies | X | X | 79.4 | X |
| | 20 largest companies | X | X | 88.7 | X |
| | 50 largest companies | X | X | 94.5 | 1 615.9 |
| 327123 | Other structural clay product manufacturing | | | | |
| | All companies | 46 | 139 189 | 100.0 | X |
| | 4 largest companies | X | X | 46.8 | X |
| | 8 largest companies | X | X | 69.1 | X |
| | 20 largest companies | X | X | 94.8 | X |
| | 50 largest companies | X | X | 100.0 | 761.8 |
| 327124 | Clay refractory manufacturing | | | | |
| | All companies | 111 | 441 484 | 100.0 | X |
| | 4 largest companies | X | X | 37.5 | X |
| | 8 largest companies | X | X | 48.3 | X |
| | 20 largest companies | X | X | 69.2 | X |
| | 50 largest companies | X | X | 91.8 | 498.1 |
| 327125 | Nonclay refractory manufacturing | | | | |
| | All companies | 87 | 617 519 | 100.0 | X |
| | 4 largest companies | X | X | 49.4 | X |
| | 8 largest companies | X | X | 68.8 | X |
| | 20 largest companies | X | X | 85.5 | X |
| | 50 largest companies | X | X | 97.8 | 770.8 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|---------------|--|------------------------|-----------------------|------------------------------------|--|
| 327 | Nonmetallic mineral product manufacturing—Con. | | | | |
| 3272 | Glass and glass product manufacturing | | | | |
| | All companies | 1 960 | 13 086 419 | 100.0 | X |
| | 4 largest companies | X | X | 25.9 | X |
| | 8 largest companies | X | X | 41.7 | X |
| | 20 largest companies | X | X | 64.4 | X |
| | 50 largest companies | X | X | 82.3 | 293.3 |
| 32721 | Glass and glass product manufacturing | | | | |
| | All companies | 1 960 | 13 086 419 | 100.0 | X |
| | 4 largest companies | X | X | 25.9 | X |
| | 8 largest companies | X | X | 41.7 | X |
| | 20 largest companies | X | X | 64.4 | X |
| | 50 largest companies | X | X | 82.3 | 293.3 |
| 327211 | Flat glass manufacturing | | | | |
| | All companies | 13 | 1 678 192 | 100.0 | X |
| | 4 largest companies | X | X | 76.3 | X |
| | 8 largest companies | X | X | 98.9 | X |
| | 20 largest companies | X | X | 100.0 | 1 677.6 |
| | 50 largest companies | X | X | — | — |
| 327212 | Other pressed and blown glass and glassware manufacturing | | | | |
| | All companies | 479 | 3 055 589 | 100.0 | X |
| | 4 largest companies | X | X | 35.9 | X |
| | 8 largest companies | X | X | 60.1 | X |
| | 20 largest companies | X | X | 87.7 | X |
| | 50 largest companies | X | X | 94.3 | 565.4 |
| 327213 | Glass container manufacturing | | | | |
| | All companies | 22 | 2 726 755 | 100.0 | X |
| | 4 largest companies | X | X | 87.1 | X |
| | 8 largest companies | X | X | 95.8 | X |
| | 20 largest companies | X | X | D | X |
| | 50 largest companies | X | X | 100.0 | 2 548.1 |
| 327215 | Glass product manufacturing made of purchased glass | | | | |
| | All companies | 1 468 | 5 625 883 | 100.0 | X |
| | 4 largest companies | X | X | 22.7 | X |
| | 8 largest companies | X | X | 37.7 | X |
| | 20 largest companies | X | X | 60.9 | X |
| | 50 largest companies | X | X | 74.8 | 250.1 |
| 3273 | Cement and concrete product manufacturing | | | | |
| | All companies | 5 431 | 24 416 919 | 100.0 | X |
| | 4 largest companies | X | X | 12.4 | X |
| | 8 largest companies | X | X | 21.2 | X |
| | 20 largest companies | X | X | 33.0 | X |
| | 50 largest companies | X | X | 44.7 | 76.3 |
| 32731 | Cement manufacturing | | | | |
| | All companies | 131 | 4 542 435 | 100.0 | X |
| | 4 largest companies | X | X | 39.8 | X |
| | 8 largest companies | X | X | 60.2 | X |
| | 20 largest companies | X | X | 86.7 | X |
| | 50 largest companies | X | X | 97.5 | 598.0 |
| 327310 | Cement manufacturing | | | | |
| | All companies | 131 | 4 542 435 | 100.0 | X |
| | 4 largest companies | X | X | 39.8 | X |
| | 8 largest companies | X | X | 60.2 | X |
| | 20 largest companies | X | X | 86.7 | X |
| | 50 largest companies | X | X | 97.5 | 598.0 |
| 32732 | Ready-mix concrete manufacturing | | | | |
| | All companies | 2 614 | 10 311 823 | 100.0 | X |
| | 4 largest companies | X | X | 11.2 | X |
| | 8 largest companies | X | X | 16.8 | X |
| | 20 largest companies | X | X | 26.9 | X |
| | 50 largest companies | X | X | 40.2 | 57.3 |
| 327320 | Ready-mix concrete manufacturing | | | | |
| | All companies | 2 614 | 10 311 823 | 100.0 | X |
| | 4 largest companies | X | X | 11.2 | X |
| | 8 largest companies | X | X | 16.8 | X |
| | 20 largest companies | X | X | 26.9 | X |
| | 50 largest companies | X | X | 40.2 | 57.3 |
| 32733 | Concrete pipe, brick, and block manufacturing | | | | |
| | All companies | 837 | 3 986 411 | 100.0 | X |
| | 4 largest companies | X | X | 28.4 | X |
| | 8 largest companies | X | X | 35.8 | X |
| | 20 largest companies | X | X | 46.6 | X |
| | 50 largest companies | X | X | 59.5 | 259.0 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added ² (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|------------------------------------|------------------------------------|--|
| 327 | Nonmetallic mineral product manufacturing—Con. | | | | |
| 3273 | Cement and concrete product manufacturing—Con. | | | | |
| 32733 | Concrete pipe, brick, and block manufacturing—Con. | | | | |
| 327331 | Concrete block and brick manufacturing | | | | |
| | All companies | 635 | 2 275 696 | 100.0 | X |
| | 4 largest companies | X | X | 23.7 | X |
| | 8 largest companies | X | X | 31.5 | X |
| | 20 largest companies | X | X | 43.9 | X |
| | 50 largest companies | X | X | 58.5 | 206.5 |
| 327332 | Concrete pipe manufacturing | | | | |
| | All companies | 214 | 1 710 715 | 100.0 | X |
| | 4 largest companies | X | X | 43.4 | X |
| | 8 largest companies | X | X | 53.4 | X |
| | 20 largest companies | X | X | 68.3 | X |
| | 50 largest companies | X | X | 82.3 | 685.3 |
| 32739 | Other concrete product manufacturing | | | | |
| | All companies | 1 996 | 5 576 250 | 100.0 | X |
| | 4 largest companies | X | X | 16.2 | X |
| | 8 largest companies | X | X | 23.8 | X |
| | 20 largest companies | X | X | 35.0 | X |
| | 50 largest companies | X | X | 47.8 | 106.8 |
| 327390 | Other concrete product manufacturing | | | | |
| | All companies | 1 996 | 5 576 250 | 100.0 | X |
| | 4 largest companies | X | X | 16.2 | X |
| | 8 largest companies | X | X | 23.8 | X |
| | 20 largest companies | X | X | 35.0 | X |
| | 50 largest companies | X | X | 47.8 | 106.8 |
| 3274 | Lime and gypsum product manufacturing | | | | |
| | All companies | 260 | 2 506 680 | 100.0 | X |
| | 4 largest companies | X | X | 56.4 | X |
| | 8 largest companies | X | X | 72.8 | X |
| | 20 largest companies | X | X | 89.1 | X |
| | 50 largest companies | X | X | 95.3 | 1 009.2 |
| 32741 | Lime manufacturing | | | | |
| | All companies | 41 | 578 982 | 100.0 | X |
| | 4 largest companies | X | X | 69.0 | X |
| | 8 largest companies | X | X | 83.7 | X |
| | 20 largest companies | X | X | 96.5 | X |
| | 50 largest companies | X | X | 100.0 | 1 365.5 |
| 327410 | Lime manufacturing | | | | |
| | All companies | 41 | 578 982 | 100.0 | X |
| | 4 largest companies | X | X | 69.0 | X |
| | 8 largest companies | X | X | 83.7 | X |
| | 20 largest companies | X | X | 96.5 | X |
| | 50 largest companies | X | X | 100.0 | 1 365.5 |
| 32742 | Gypsum product manufacturing | | | | |
| | All companies | 219 | 1 927 698 | 100.0 | X |
| | 4 largest companies | X | X | 73.4 | X |
| | 8 largest companies | X | X | 86.5 | X |
| | 20 largest companies | X | X | 93.3 | X |
| | 50 largest companies | X | X | 96.7 | 1 583.6 |
| 327420 | Gypsum product manufacturing | | | | |
| | All companies | 219 | 1 927 698 | 100.0 | X |
| | 4 largest companies | X | X | 73.4 | X |
| | 8 largest companies | X | X | 86.5 | X |
| | 20 largest companies | X | X | 93.3 | X |
| | 50 largest companies | X | X | 96.7 | 1 583.6 |
| 3279 | Other nonmetallic mineral product manufacturing | | | | |
| | All companies | 2 550 | 9 305 790 | 100.0 | X |
| | 4 largest companies | X | X | 30.7 | X |
| | 8 largest companies | X | X | 42.4 | X |
| | 20 largest companies | X | X | 52.7 | X |
| | 50 largest companies | X | X | 62.6 | 293.7 |
| 32791 | Abrasive product manufacturing | | | | |
| | All companies | 312 | 2 371 290 | 100.0 | X |
| | 4 largest companies | X | X | 57.1 | X |
| | 8 largest companies | X | X | 64.2 | X |
| | 20 largest companies | X | X | 74.5 | X |
| | 50 largest companies | X | X | 85.2 | 1 529.4 |
| 327910 | Abrasive product manufacturing | | | | |
| | All companies | 312 | 2 371 290 | 100.0 | X |
| | 4 largest companies | X | X | 57.1 | X |
| | 8 largest companies | X | X | 64.2 | X |
| | 20 largest companies | X | X | 74.5 | X |
| | 50 largest companies | X | X | 85.2 | 1 529.4 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 327 | Nonmetallic mineral product manufacturing—Con. | | | | |
| 3279 | Other nonmetallic mineral product manufacturing—Con. | | | | |
| 32799 | All other nonmetallic mineral product manufacturing | | | | |
| | All companies | 2 245 | 6 934 500 | 100.0 | X |
| | 4 largest companies | X | X | 29.2 | X |
| | 8 largest companies | X | X | 42.4 | X |
| | 20 largest companies | X | X | 52.6 | X |
| | 50 largest companies | X | X | 62.9 | 310.0 |
| 327991 | Cut stone and stone product manufacturing | | | | |
| | All companies | 1 521 | 1 526 129 | 100.0 | X |
| | 4 largest companies | X | X | 10.8 | X |
| | 8 largest companies | X | X | 14.3 | X |
| | 20 largest companies | X | X | 21.6 | X |
| | 50 largest companies | X | X | 33.4 | 61.2 |
| 327992 | Ground or treated mineral and earth manufacturing | | | | |
| | All companies | 185 | 1 400 218 | 100.0 | X |
| | 4 largest companies | X | X | 50.6 | X |
| | 8 largest companies | X | X | 62.2 | X |
| | 20 largest companies | X | X | 77.7 | X |
| | 50 largest companies | X | X | 91.3 | 1 034.6 |
| 327993 | Mineral wool manufacturing | | | | |
| | All companies | 197 | 2 976 712 | 100.0 | X |
| | 4 largest companies | X | X | 64.1 | X |
| | 8 largest companies | X | X | 77.5 | X |
| | 20 largest companies | X | X | 87.7 | X |
| | 50 largest companies | X | X | 95.3 | 1 311.3 |
| 327999 | All other miscellaneous nonmetallic mineral product manufacturing | | | | |
| | All companies | 357 | 1 031 441 | 100.0 | X |
| | 4 largest companies | X | X | 29.0 | X |
| | 8 largest companies | X | X | 41.3 | X |
| | 20 largest companies | X | X | 59.7 | X |
| | 50 largest companies | X | X | 75.3 | 428.2 |
| 331 | Primary metal manufacturing | | | | |
| | All companies | 4 150 | 57 154 378 | 100.0 | X |
| | 4 largest companies | X | X | 18.9 | X |
| | 8 largest companies | X | X | 28.5 | X |
| | 20 largest companies | X | X | 38.9 | X |
| | 50 largest companies | X | X | 53.0 | 138.9 |
| 3311 | Iron and steel mills and ferroalloy manufacturing | | | | |
| | All companies | 302 | 18 818 914 | 100.0 | X |
| | 4 largest companies | X | X | 44.2 | X |
| | 8 largest companies | X | X | 61.2 | X |
| | 20 largest companies | X | X | 78.4 | X |
| | 50 largest companies | X | X | 91.8 | 650.4 |
| 33111 | Iron and steel mills and ferroalloy manufacturing | | | | |
| | All companies | 302 | 18 818 914 | 100.0 | X |
| | 4 largest companies | X | X | 44.2 | X |
| | 8 largest companies | X | X | 61.2 | X |
| | 20 largest companies | X | X | 78.4 | X |
| | 50 largest companies | X | X | 91.8 | 650.4 |
| 331111 | Iron and steel mills | | | | |
| | All companies | 285 | 18 558 177 | 100.0 | X |
| | 4 largest companies | X | X | 44.9 | X |
| | 8 largest companies | X | X | 62.0 | X |
| | 20 largest companies | X | X | 79.5 | X |
| | 50 largest companies | X | X | 92.7 | 668.5 |
| 331112 | Electrometallurgical ferroalloy product manufacturing | | | | |
| | All companies | 19 | 260 737 | 100.0 | X |
| | 4 largest companies | X | X | 69.7 | X |
| | 8 largest companies | X | X | 91.4 | X |
| | 20 largest companies | X | X | 100.0 | 2 230.0 |
| | 50 largest companies | X | X | — | — |
| 3312 | Steel product manufacturing from purchased steel | | | | |
| | All companies | 512 | 5 643 702 | 100.0 | X |
| | 4 largest companies | X | X | 14.9 | X |
| | 8 largest companies | X | X | 24.3 | X |
| | 20 largest companies | X | X | 40.9 | X |
| | 50 largest companies | X | X | 62.4 | 120.4 |
| 33121 | Iron and steel pipe and tube manufacturing from purchased steel | | | | |
| | All companies | 133 | 2 372 127 | 100.0 | X |
| | 4 largest companies | X | X | 24.8 | X |
| | 8 largest companies | X | X | 37.2 | X |
| | 20 largest companies | X | X | 59.8 | X |
| | 50 largest companies | X | X | 86.4 | 270.0 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 331 | Primary metal manufacturing—Con. | | | | |
| 3312 | Steel product manufacturing from purchased steel—Con. | | | | |
| 33121 | Iron and steel pipe and tube manufacturing from purchased steel—Con. | | | | |
| 331210 | Iron and steel pipe and tube manufacturing from purchased steel | | | | |
| | All companies | 133 | 2 372 127 | 100.0 | X |
| | 4 largest companies | X | X | 24.8 | X |
| | 8 largest companies | X | X | 37.2 | X |
| | 20 largest companies | X | X | 59.8 | X |
| | 50 largest companies | X | X | 86.4 | 270.0 |
| 33122 | Rolling and drawing of purchased steel | | | | |
| | All companies | 383 | 3 271 575 | 100.0 | X |
| | 4 largest companies | X | X | 21.5 | X |
| | 8 largest companies | X | X | 33.1 | X |
| | 20 largest companies | X | X | 53.5 | X |
| | 50 largest companies | X | X | 74.9 | 215.5 |
| 331221 | Rolled steel shape manufacturing | | | | |
| | All companies | 121 | 1 669 729 | 100.0 | X |
| | 4 largest companies | X | X | 38.1 | X |
| | 8 largest companies | X | X | 54.7 | X |
| | 20 largest companies | X | X | 76.6 | X |
| | 50 largest companies | X | X | 92.4 | 560.5 |
| 331222 | Steel wire drawing | | | | |
| | All companies | 270 | 1 601 846 | 100.0 | X |
| | 4 largest companies | X | X | 27.4 | X |
| | 8 largest companies | X | X | 39.9 | X |
| | 20 largest companies | X | X | 60.9 | X |
| | 50 largest companies | X | X | 84.3 | 295.7 |
| 3313 | Alumina and aluminum production and processing | | | | |
| | All companies | 435 | 9 406 420 | 100.0 | X |
| | 4 largest companies | X | X | 54.6 | X |
| | 8 largest companies | X | X | 62.6 | X |
| | 20 largest companies | X | X | 77.3 | X |
| | 50 largest companies | X | X | 87.5 | 1 440.0 |
| 33131 | Alumina and aluminum production and processing | | | | |
| | All companies | 435 | 9 406 420 | 100.0 | X |
| | 4 largest companies | X | X | 54.6 | X |
| | 8 largest companies | X | X | 62.6 | X |
| | 20 largest companies | X | X | 77.3 | X |
| | 50 largest companies | X | X | 87.5 | 1 440.0 |
| 331311 | Alumina refining | | | | |
| | All companies | 8 | 260 084 | 100.0 | X |
| | 4 largest companies | X | X | 96.9 | X |
| | 8 largest companies | X | X | 100.0 | D |
| | 20 largest companies | X | X | — | — |
| | 50 largest companies | X | X | — | — |
| 331312 | Primary aluminum production | | | | |
| | All companies | 26 | 1 776 932 | 100.0 | X |
| | 4 largest companies | X | X | 83.0 | X |
| | 8 largest companies | X | X | 98.3 | X |
| | 20 largest companies | X | X | 99.9 | X |
| | 50 largest companies | X | X | 100.0 | D |
| 331314 | Secondary smelting and alloying of aluminum | | | | |
| | All companies | 124 | 716 203 | 100.0 | X |
| | 4 largest companies | X | X | 43.7 | X |
| | 8 largest companies | X | X | 59.1 | X |
| | 20 largest companies | X | X | 83.5 | X |
| | 50 largest companies | X | X | 99.9 | 675.4 |
| 331315 | Aluminum sheet, plate, and foil manufacturing | | | | |
| | All companies | 79 | 3 907 885 | 100.0 | X |
| | 4 largest companies | X | X | 74.5 | X |
| | 8 largest companies | X | X | 88.6 | X |
| | 20 largest companies | X | X | 98.2 | X |
| | 50 largest companies | X | X | 99.9 | 2 285.6 |
| 331316 | Aluminum extruded product manufacturing | | | | |
| | All companies | 134 | 2 328 137 | 100.0 | X |
| | 4 largest companies | X | X | 45.1 | X |
| | 8 largest companies | X | X | 57.8 | X |
| | 20 largest companies | X | X | 73.3 | X |
| | 50 largest companies | X | X | 91.6 | 1 009.1 |
| 331319 | Other aluminum rolling and drawing | | | | |
| | All companies | 88 | 417 179 | 100.0 | X |
| | 4 largest companies | X | X | 43.6 | X |
| | 8 largest companies | X | X | 61.6 | X |
| | 20 largest companies | X | X | 85.4 | X |
| | 50 largest companies | X | X | 97.9 | 626.1 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 331 | Primary metal manufacturing—Con. | | | | |
| 3314 | Nonferrous metal (except aluminum) production and processing | | | | |
| | All companies | 819 | 7 904 084 | 100.0 | X |
| | 4 largest companies | X | X | 17.4 | X |
| | 8 largest companies | X | X | 29.6 | X |
| | 20 largest companies | X | X | 50.3 | X |
| | 50 largest companies | X | X | 69.9 | 170.2 |
| 33141 | Nonferrous metal (except aluminum) smelting and refining | | | | |
| | All companies | 164 | 1 767 883 | 100.0 | X |
| | 4 largest companies | X | X | 58.4 | X |
| | 8 largest companies | X | X | 71.1 | X |
| | 20 largest companies | X | X | 86.0 | X |
| | 50 largest companies | X | X | 96.9 | 1 184.6 |
| 331411 | Primary smelting and refining of copper | | | | |
| | All companies | 10 | 787 249 | 100.0 | X |
| | 4 largest companies | X | X | 99.3 | X |
| | 8 largest companies | X | X | D | X |
| | 20 largest companies | X | X | 100.0 | D |
| | 50 largest companies | X | X | — | — |
| 331419 | Primary smelting and refining of nonferrous metal (except copper and aluminum) | | | | |
| | All companies | 155 | 980 634 | 100.0 | X |
| | 4 largest companies | X | X | 41.0 | X |
| | 8 largest companies | X | X | 57.5 | X |
| | 20 largest companies | X | X | 79.5 | X |
| | 50 largest companies | X | X | 95.6 | 691.6 |
| 33142 | Copper rolling, drawing, extruding, and alloying | | | | |
| | All companies | 193 | 3 147 259 | 100.0 | X |
| | 4 largest companies | X | X | 31.9 | X |
| | 8 largest companies | X | X | 53.0 | X |
| | 20 largest companies | X | X | 77.6 | X |
| | 50 largest companies | X | X | 93.4 | 445.5 |
| 331421 | Copper rolling, drawing, and extruding | | | | |
| | All companies | 92 | 1 623 280 | 100.0 | X |
| | 4 largest companies | X | X | 48.5 | X |
| | 8 largest companies | X | X | 70.9 | X |
| | 20 largest companies | X | X | 91.0 | X |
| | 50 largest companies | X | X | 99.5 | 793.1 |
| 331422 | Copper wire (except mechanical) drawing | | | | |
| | All companies | 80 | 1 373 419 | 100.0 | X |
| | 4 largest companies | X | X | 54.4 | X |
| | 8 largest companies | X | X | 73.0 | X |
| | 20 largest companies | X | X | 89.2 | X |
| | 50 largest companies | X | X | 99.4 | 955.1 |
| 331423 | Secondary smelting, refining, and alloying of copper | | | | |
| | All companies | 30 | 150 560 | 100.0 | X |
| | 4 largest companies | X | X | 58.9 | X |
| | 8 largest companies | X | X | 90.8 | X |
| | 20 largest companies | X | X | 99.9 | X |
| | 50 largest companies | X | X | 100.0 | 1 243.9 |
| 33149 | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying | | | | |
| | All companies | 489 | 2 988 942 | 100.0 | X |
| | 4 largest companies | X | X | 24.8 | X |
| | 8 largest companies | X | X | 34.9 | X |
| | 20 largest companies | X | X | 51.4 | X |
| | 50 largest companies | X | X | 73.2 | 263.1 |
| 331491 | Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding | | | | |
| | All companies | 288 | 1 887 466 | 100.0 | X |
| | 4 largest companies | X | X | 37.4 | X |
| | 8 largest companies | X | X | 48.6 | X |
| | 20 largest companies | X | X | 68.7 | X |
| | 50 largest companies | X | X | 88.6 | 535.4 |
| 331492 | Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) | | | | |
| | All companies | 213 | 1 101 476 | 100.0 | X |
| | 4 largest companies | X | X | 25.1 | X |
| | 8 largest companies | X | X | 38.7 | X |
| | 20 largest companies | X | X | 58.9 | X |
| | 50 largest companies | X | X | 83.0 | 270.0 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|---------------|---|------------------------|-----------------------|------------------------------------|--|
| 331 | Primary metal manufacturing—Con. | | | | |
| 3315 | Foundries | | | | |
| | All companies | 2 203 | 15 381 258 | 100.0 | X |
| | 4 largest companies | X | X | 14.7 | X |
| | 8 largest companies | X | X | 24.2 | X |
| | 20 largest companies | X | X | 40.1 | X |
| | 50 largest companies | X | X | 55.1 | 108.6 |
| 33151 | Ferrous metal foundries | | | | |
| | All companies | 872 | 8 787 554 | 100.0 | X |
| | 4 largest companies | X | X | 20.7 | X |
| | 8 largest companies | X | X | 33.2 | X |
| | 20 largest companies | X | X | 55.1 | X |
| | 50 largest companies | X | X | 71.0 | 202.3 |
| 331511 | Iron foundries | | | | |
| | All companies | 531 | 5 931 467 | 100.0 | X |
| | 4 largest companies | X | X | 27.5 | X |
| | 8 largest companies | X | X | 42.8 | X |
| | 20 largest companies | X | X | 66.0 | X |
| | 50 largest companies | X | X | 80.2 | 316.4 |
| 331512 | Steel investment foundries | | | | |
| | All companies | 130 | 1 404 604 | 100.0 | X |
| | 4 largest companies | X | X | 57.6 | X |
| | 8 largest companies | X | X | 67.0 | X |
| | 20 largest companies | X | X | 78.0 | X |
| | 50 largest companies | X | X | 90.7 | 1 478.2 |
| 331513 | Steel foundries (except investment) | | | | |
| | All companies | 229 | 1 451 483 | 100.0 | X |
| | 4 largest companies | X | X | 31.6 | X |
| | 8 largest companies | X | X | 46.1 | X |
| | 20 largest companies | X | X | 69.0 | X |
| | 50 largest companies | X | X | 87.3 | 386.1 |
| 33152 | Nonferrous metal foundries | | | | |
| | All companies | 1 360 | 6 593 704 | 100.0 | X |
| | 4 largest companies | X | X | 15.0 | X |
| | 8 largest companies | X | X | 24.2 | X |
| | 20 largest companies | X | X | 38.9 | X |
| | 50 largest companies | X | X | 54.7 | 107.4 |
| 331521 | Aluminum die-casting foundries | | | | |
| | All companies | 255 | 2 290 070 | 100.0 | X |
| | 4 largest companies | X | X | 27.6 | X |
| | 8 largest companies | X | X | 43.0 | X |
| | 20 largest companies | X | X | 62.4 | X |
| | 50 largest companies | X | X | 79.3 | 300.8 |
| 331522 | Nonferrous (except aluminum) die-casting foundries | | | | |
| | All companies | 219 | 1 213 993 | 100.0 | X |
| | 4 largest companies | X | X | 25.1 | X |
| | 8 largest companies | X | X | 37.0 | X |
| | 20 largest companies | X | X | 60.1 | X |
| | 50 largest companies | X | X | 83.1 | 283.8 |
| 331524 | Aluminum foundries (except die-casting) | | | | |
| | All companies | 505 | 2 187 086 | 100.0 | X |
| | 4 largest companies | X | X | 24.3 | X |
| | 8 largest companies | X | X | 36.4 | X |
| | 20 largest companies | X | X | 55.3 | X |
| | 50 largest companies | X | X | 73.8 | 237.0 |
| 331525 | Copper foundries (except die-casting) | | | | |
| | All companies | 278 | 454 387 | 100.0 | X |
| | 4 largest companies | X | X | 12.3 | X |
| | 8 largest companies | X | X | 19.8 | X |
| | 20 largest companies | X | X | 38.4 | X |
| | 50 largest companies | X | X | 63.8 | 106.5 |
| 331528 | Other nonferrous foundries (except die-casting) | | | | |
| | All companies | 139 | 448 168 | 100.0 | X |
| | 4 largest companies | X | X | 60.8 | X |
| | 8 largest companies | X | X | 67.7 | X |
| | 20 largest companies | X | X | 80.3 | X |
| | 50 largest companies | X | X | 92.9 | 1 577.9 |
| 332 | Fabricated metal product manufacturing | | | | |
| | All companies | 58 008 | 138 778 384 | 100.0 | X |
| | 4 largest companies | X | X | 3.2 | X |
| | 8 largest companies | X | X | 5.6 | X |
| | 20 largest companies | X | X | 10.8 | X |
| | 50 largest companies | X | X | 18.0 | 8.1 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 332 | Fabricated metal product manufacturing—Con. | | | | |
| 3321 | Forging and stamping | | | | |
| | All companies | 2 623 | 10 647 978 | 100.0 | X |
| | 4 largest companies | X | X | 6.9 | X |
| | 8 largest companies | X | X | 11.6 | X |
| | 20 largest companies | X | X | 19.9 | X |
| | 50 largest companies | X | X | 31.5 | 28.1 |
| 33211 | Forging and stamping | | | | |
| | All companies | 2 623 | 10 647 978 | 100.0 | X |
| | 4 largest companies | X | X | 6.9 | X |
| | 8 largest companies | X | X | 11.6 | X |
| | 20 largest companies | X | X | 19.9 | X |
| | 50 largest companies | X | X | 31.5 | 28.1 |
| 332111 | Iron and steel forging | | | | |
| | All companies | 343 | 2 006 971 | 100.0 | X |
| | 4 largest companies | X | X | 19.5 | X |
| | 8 largest companies | X | X | 30.2 | X |
| | 20 largest companies | X | X | 50.7 | X |
| | 50 largest companies | X | X | 73.3 | 184.2 |
| 332112 | Nonferrous forging | | | | |
| | All companies | 64 | 830 585 | 100.0 | X |
| | 4 largest companies | X | X | 43.7 | X |
| | 8 largest companies | X | X | 61.0 | X |
| | 20 largest companies | X | X | 86.2 | X |
| | 50 largest companies | X | X | 99.7 | 761.5 |
| 332114 | Custom roll forming | | | | |
| | All companies | 371 | 1 756 419 | 100.0 | X |
| | 4 largest companies | X | X | 23.6 | X |
| | 8 largest companies | X | X | 34.4 | X |
| | 20 largest companies | X | X | 51.7 | X |
| | 50 largest companies | X | X | 71.3 | 235.7 |
| 332115 | Crown and closure manufacturing | | | | |
| | All companies | 54 | 330 007 | 100.0 | X |
| | 4 largest companies | X | X | 63.1 | X |
| | 8 largest companies | X | X | 81.3 | X |
| | 20 largest companies | X | X | 93.6 | X |
| | 50 largest companies | X | X | 99.9 | 1 337.4 |
| 332116 | Metal stamping | | | | |
| | All companies | 1 694 | 5 002 176 | 100.0 | X |
| | 4 largest companies | X | X | 8.4 | X |
| | 8 largest companies | X | X | 11.7 | X |
| | 20 largest companies | X | X | 19.1 | X |
| | 50 largest companies | X | X | 30.6 | 30.7 |
| 332117 | Powder metallurgy part manufacturing | | | | |
| | All companies | 119 | 721 820 | 100.0 | X |
| | 4 largest companies | X | X | 40.2 | X |
| | 8 largest companies | X | X | 53.9 | X |
| | 20 largest companies | X | X | 74.3 | X |
| | 50 largest companies | X | X | 93.0 | 602.9 |
| 3322 | Cutlery and handtool manufacturing | | | | |
| | All companies | 1 397 | 6 754 220 | 100.0 | X |
| | 4 largest companies | X | X | 20.4 | X |
| | 8 largest companies | X | X | 31.4 | X |
| | 20 largest companies | X | X | 47.4 | X |
| | 50 largest companies | X | X | 65.8 | 177.4 |
| 33221 | Cutlery and handtool manufacturing | | | | |
| | All companies | 1 397 | 6 754 220 | 100.0 | X |
| | 4 largest companies | X | X | 20.4 | X |
| | 8 largest companies | X | X | 31.4 | X |
| | 20 largest companies | X | X | 47.4 | X |
| | 50 largest companies | X | X | 65.8 | 177.4 |
| 332211 | Cutlery and flatware (except precious) manufacturing | | | | |
| | All companies | 126 | 1 128 130 | 100.0 | X |
| | 4 largest companies | X | X | 69.2 | X |
| | 8 largest companies | X | X | 80.5 | X |
| | 20 largest companies | X | X | 92.4 | X |
| | 50 largest companies | X | X | 98.0 | 1 678.3 |
| 332212 | Hand and edge tool manufacturing | | | | |
| | All companies | 1 077 | 3 940 526 | 100.0 | X |
| | 4 largest companies | X | X | 19.2 | X |
| | 8 largest companies | X | X | 30.5 | X |
| | 20 largest companies | X | X | 47.8 | X |
| | 50 largest companies | X | X | 65.4 | 165.0 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 332 | Fabricated metal product manufacturing—Con. | | | | |
| 3322 | Cutlery and handtool manufacturing—Con. | | | | |
| 33221 | Cutlery and handtool manufacturing—Con. | | | | |
| 332213 | Saw blade and handsaw manufacturing | | | | |
| | All companies | 139 | 877 704 | 100.0 | X |
| | 4 largest companies | X | X | 55.8 | X |
| | 8 largest companies | X | X | 69.4 | X |
| | 20 largest companies | X | X | 87.7 | X |
| | 50 largest companies | X | X | 95.7 | 1 422.2 |
| 332214 | Kitchen utensil, pot, and pan manufacturing | | | | |
| | All companies | 69 | 807 860 | 100.0 | X |
| | 4 largest companies | X | X | 63.4 | X |
| | 8 largest companies | X | X | 78.0 | X |
| | 20 largest companies | X | X | 92.5 | X |
| | 50 largest companies | X | X | 99.6 | 1 749.5 |
| 3323 | Architectural and structural metals manufacturing | | | | |
| | All companies | 12 740 | 31 279 948 | 100.0 | X |
| | 4 largest companies | X | X | 3.8 | X |
| | 8 largest companies | X | X | 6.7 | X |
| | 20 largest companies | X | X | 13.1 | X |
| | 50 largest companies | X | X | 22.2 | 12.2 |
| 33231 | Plate work and fabricated structural product manufacturing | | | | |
| | All companies | 5 236 | 14 207 749 | 100.0 | X |
| | 4 largest companies | X | X | 7.2 | X |
| | 8 largest companies | X | X | 12.1 | X |
| | 20 largest companies | X | X | 21.0 | X |
| | 50 largest companies | X | X | 32.1 | 30.2 |
| 332311 | Prefabricated metal building and component manufacturing | | | | |
| | All companies | 678 | 2 474 492 | 100.0 | X |
| | 4 largest companies | X | X | 22.0 | X |
| | 8 largest companies | X | X | 32.5 | X |
| | 20 largest companies | X | X | 49.1 | X |
| | 50 largest companies | X | X | 66.4 | 203.1 |
| 332312 | Fabricated structural metal manufacturing | | | | |
| | All companies | 3 569 | 10 010 789 | 100.0 | X |
| | 4 largest companies | X | X | 9.7 | X |
| | 8 largest companies | X | X | 15.7 | X |
| | 20 largest companies | X | X | 25.8 | X |
| | 50 largest companies | X | X | 37.4 | 46.8 |
| 332313 | Plate work manufacturing | | | | |
| | All companies | 1 010 | 1 722 468 | 100.0 | X |
| | 4 largest companies | X | X | 9.4 | X |
| | 8 largest companies | X | X | 15.1 | X |
| | 20 largest companies | X | X | 26.2 | X |
| | 50 largest companies | X | X | 42.1 | 50.2 |
| 33232 | Ornamental and architectural metal products manufacturing | | | | |
| | All companies | 7 555 | 17 072 199 | 100.0 | X |
| | 4 largest companies | X | X | 6.1 | X |
| | 8 largest companies | X | X | 9.9 | X |
| | 20 largest companies | X | X | 17.0 | X |
| | 50 largest companies | X | X | 26.6 | 21.2 |
| 332321 | Metal window and door manufacturing | | | | |
| | All companies | 1 158 | 5 482 750 | 100.0 | X |
| | 4 largest companies | X | X | 13.8 | X |
| | 8 largest companies | X | X | 23.4 | X |
| | 20 largest companies | X | X | 40.0 | X |
| | 50 largest companies | X | X | 58.5 | 108.6 |
| 332322 | Sheet metal work manufacturing | | | | |
| | All companies | 4 139 | 8 478 559 | 100.0 | X |
| | 4 largest companies | X | X | 5.4 | X |
| | 8 largest companies | X | X | 8.7 | X |
| | 20 largest companies | X | X | 15.3 | X |
| | 50 largest companies | X | X | 26.5 | 18.1 |
| 332323 | Ornamental and architectural metal work manufacturing | | | | |
| | All companies | 2 290 | 3 110 890 | 100.0 | X |
| | 4 largest companies | X | X | 15.7 | X |
| | 8 largest companies | X | X | 19.7 | X |
| | 20 largest companies | X | X | 28.2 | X |
| | 50 largest companies | X | X | 41.0 | 95.9 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 332 | Fabricated metal product manufacturing—Con. | | | | |
| 3324 | Boiler, tank, and shipping container manufacturing | | | | |
| | All companies | 1 319 | 10 183 391 | 100.0 | X |
| | 4 largest companies | X | X | 28.6 | X |
| | 8 largest companies | X | X | 40.4 | X |
| | 20 largest companies | X | X | 52.9 | X |
| | 50 largest companies | X | X | 64.1 | 281.8 |
| 33241 | Power boiler and heat exchanger manufacturing | | | | |
| | All companies | 293 | 1 888 967 | 100.0 | X |
| | 4 largest companies | X | X | 20.6 | X |
| | 8 largest companies | X | X | 31.5 | X |
| | 20 largest companies | X | X | 48.4 | X |
| | 50 largest companies | X | X | 71.6 | 185.8 |
| 332410 | Power boiler and heat exchanger manufacturing | | | | |
| | All companies | 293 | 1 888 967 | 100.0 | X |
| | 4 largest companies | X | X | 20.6 | X |
| | 8 largest companies | X | X | 31.5 | X |
| | 20 largest companies | X | X | 48.4 | X |
| | 50 largest companies | X | X | 71.6 | 185.8 |
| 33242 | Metal tank (heavy gauge) manufacturing | | | | |
| | All companies | 593 | 2 557 904 | 100.0 | X |
| | 4 largest companies | X | X | 18.6 | X |
| | 8 largest companies | X | X | 27.7 | X |
| | 20 largest companies | X | X | 41.0 | X |
| | 50 largest companies | X | X | 57.5 | 136.4 |
| 332420 | Metal tank (heavy gauge) manufacturing | | | | |
| | All companies | 593 | 2 557 904 | 100.0 | X |
| | 4 largest companies | X | X | 18.6 | X |
| | 8 largest companies | X | X | 27.7 | X |
| | 20 largest companies | X | X | 41.0 | X |
| | 50 largest companies | X | X | 57.5 | 136.4 |
| 33243 | Metal can, box, and other metal container (light gauge) manufacturing | | | | |
| | All companies | 448 | 5 736 520 | 100.0 | X |
| | 4 largest companies | X | X | 50.7 | X |
| | 8 largest companies | X | X | 71.7 | X |
| | 20 largest companies | X | X | 82.2 | X |
| | 50 largest companies | X | X | 90.6 | 845.9 |
| 332431 | Metal can manufacturing | | | | |
| | All companies | 82 | 4 173 072 | 100.0 | X |
| | 4 largest companies | X | X | 69.4 | X |
| | 8 largest companies | X | X | 92.9 | X |
| | 20 largest companies | X | X | 98.1 | X |
| | 50 largest companies | X | X | 99.8 | 1 517.8 |
| 332439 | Other metal container manufacturing | | | | |
| | All companies | 372 | 1 563 448 | 100.0 | X |
| | 4 largest companies | X | X | 34.8 | X |
| | 8 largest companies | X | X | 42.9 | X |
| | 20 largest companies | X | X | 60.1 | X |
| | 50 largest companies | X | X | 78.5 | 452.8 |
| 3325 | Hardware manufacturing | | | | |
| | All companies | 807 | 6 034 496 | 100.0 | X |
| | 4 largest companies | X | X | 20.6 | X |
| | 8 largest companies | X | X | 31.6 | X |
| | 20 largest companies | X | X | 53.7 | X |
| | 50 largest companies | X | X | 72.5 | 203.3 |
| 33251 | Hardware manufacturing | | | | |
| | All companies | 807 | 6 034 496 | 100.0 | X |
| | 4 largest companies | X | X | 20.6 | X |
| | 8 largest companies | X | X | 31.6 | X |
| | 20 largest companies | X | X | 53.7 | X |
| | 50 largest companies | X | X | 72.5 | 203.3 |
| 332510 | Hardware manufacturing | | | | |
| | All companies | 807 | 6 034 496 | 100.0 | X |
| | 4 largest companies | X | X | 20.6 | X |
| | 8 largest companies | X | X | 31.6 | X |
| | 20 largest companies | X | X | 53.7 | X |
| | 50 largest companies | X | X | 72.5 | 203.3 |
| 3326 | Spring and wire product manufacturing | | | | |
| | All companies | 1 963 | 5 020 473 | 100.0 | X |
| | 4 largest companies | X | X | 17.6 | X |
| | 8 largest companies | X | X | 24.1 | X |
| | 20 largest companies | X | X | 34.2 | X |
| | 50 largest companies | X | X | 47.1 | 134.4 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 332 | Fabricated metal product manufacturing—Con. | | | | |
| 3326 | Spring and wire product manufacturing—Con. | | | | |
| 33261 | Spring and wire product manufacturing | | | | |
| | All companies | 1 963 | 5 020 473 | 100.0 | X |
| | 4 largest companies | X | X | 17.6 | X |
| | 8 largest companies | X | X | 24.1 | X |
| | 20 largest companies | X | X | 34.2 | X |
| | 50 largest companies | X | X | 47.1 | 134.4 |
| 332611 | Spring (heavy gauge) manufacturing | | | | |
| | All companies | 114 | 375 921 | 100.0 | X |
| | 4 largest companies | X | X | 44.5 | X |
| | 8 largest companies | X | X | 55.0 | X |
| | 20 largest companies | X | X | 74.9 | X |
| | 50 largest companies | X | X | 94.3 | 631.1 |
| 332612 | Spring (light gauge) manufacturing | | | | |
| | All companies | 282 | 1 423 202 | 100.0 | X |
| | 4 largest companies | X | X | 44.5 | X |
| | 8 largest companies | X | X | 54.0 | X |
| | 20 largest companies | X | X | 66.6 | X |
| | 50 largest companies | X | X | 81.8 | 965.1 |
| 332618 | Other fabricated wire product manufacturing | | | | |
| | All companies | 1 573 | 3 221 350 | 100.0 | X |
| | 4 largest companies | X | X | 16.1 | X |
| | 8 largest companies | X | X | 22.0 | X |
| | 20 largest companies | X | X | 33.1 | X |
| | 50 largest companies | X | X | 47.3 | 99.6 |
| 3327 | Machine shops; turned product; and screw, nut, and bolt manufacturing | | | | |
| | All companies | 25 783 | 28 103 673 | 100.0 | X |
| | 4 largest companies | X | X | 4.2 | X |
| | 8 largest companies | X | X | 6.0 | X |
| | 20 largest companies | X | X | 9.0 | X |
| | 50 largest companies | X | X | 13.3 | 7.0 |
| 33271 | Machine shops | | | | |
| | All companies | 22 180 | 17 788 959 | 100.0 | X |
| | 4 largest companies | X | X | 1.7 | X |
| | 8 largest companies | X | X | 3.0 | X |
| | 20 largest companies | X | X | 5.6 | X |
| | 50 largest companies | X | X | 9.4 | 2.2 |
| 332710 | Machine shops | | | | |
| | All companies | 22 180 | 17 788 959 | 100.0 | X |
| | 4 largest companies | X | X | 1.7 | X |
| | 8 largest companies | X | X | 3.0 | X |
| | 20 largest companies | X | X | 5.6 | X |
| | 50 largest companies | X | X | 9.4 | 2.2 |
| 33272 | Turned product and screw, nut, and bolt manufacturing | | | | |
| | All companies | 3 640 | 10 314 714 | 100.0 | X |
| | 4 largest companies | X | X | 11.0 | X |
| | 8 largest companies | X | X | 15.8 | X |
| | 20 largest companies | X | X | 22.2 | X |
| | 50 largest companies | X | X | 30.9 | 45.9 |
| 332721 | Precision turned product manufacturing | | | | |
| | All companies | 2 823 | 5 886 620 | 100.0 | X |
| | 4 largest companies | X | X | 4.0 | X |
| | 8 largest companies | X | X | 6.7 | X |
| | 20 largest companies | X | X | 12.4 | X |
| | 50 largest companies | X | X | 21.8 | 11.8 |
| 332722 | Bolt, nut, screw, rivet, and washer manufacturing | | | | |
| | All companies | 836 | 4 428 094 | 100.0 | X |
| | 4 largest companies | X | X | 24.3 | X |
| | 8 largest companies | X | X | 34.1 | X |
| | 20 largest companies | X | X | 47.1 | X |
| | 50 largest companies | X | X | 61.9 | 212.5 |
| 3328 | Coating, engraving, heat treating, and allied activities | | | | |
| | All companies | 5 791 | 11 151 091 | 100.0 | X |
| | 4 largest companies | X | X | 9.2 | X |
| | 8 largest companies | X | X | 13.8 | X |
| | 20 largest companies | X | X | 22.1 | X |
| | 50 largest companies | X | X | 31.8 | 39.9 |
| 33281 | Coating, engraving, heat treating, and allied activities | | | | |
| | All companies | 5 791 | 11 151 091 | 100.0 | X |
| | 4 largest companies | X | X | 9.2 | X |
| | 8 largest companies | X | X | 13.8 | X |
| | 20 largest companies | X | X | 22.1 | X |
| | 50 largest companies | X | X | 31.8 | 39.9 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added ² (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|------------------------------------|------------------------------------|--|
| 332 | Fabricated metal product manufacturing—Con. | | | | |
| 3328 | Coating, engraving, heat treating, and allied activities—Con. | | | | |
| 33281 | Coating, engraving, heat treating, and allied activities—Con. | | | | |
| 332811 | Metal heat treating | | | | |
| | All companies | 659 | 2 193 743 | 100.0 | X |
| | 4 largest companies | X | X | 25.0 | X |
| | 8 largest companies | X | X | 34.9 | X |
| | 20 largest companies | X | X | 48.4 | X |
| | 50 largest companies | X | X | 61.8 | 209.8 |
| 332812 | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers | | | | |
| | All companies | 2 252 | 5 094 836 | 100.0 | X |
| | 4 largest companies | X | X | 18.3 | X |
| | 8 largest companies | X | X | 25.8 | X |
| | 20 largest companies | X | X | 37.7 | X |
| | 50 largest companies | X | X | 51.3 | 142.3 |
| 332813 | Electroplating, plating, polishing, anodizing, and coloring | | | | |
| | All companies | 2 930 | 3 862 512 | 100.0 | X |
| | 4 largest companies | X | X | 4.8 | X |
| | 8 largest companies | X | X | 7.8 | X |
| | 20 largest companies | X | X | 14.4 | X |
| | 50 largest companies | X | X | 24.9 | 15.7 |
| 3329 | Other fabricated metal product manufacturing | | | | |
| | All companies | 6 315 | 29 603 114 | 100.0 | X |
| | 4 largest companies | X | X | 11.4 | X |
| | 8 largest companies | X | X | 17.8 | X |
| | 20 largest companies | X | X | 28.5 | X |
| | 50 largest companies | X | X | 44.1 | 61.7 |
| 33291 | Metal valve manufacturing | | | | |
| | All companies | 1 070 | 12 461 428 | 100.0 | X |
| | 4 largest companies | X | X | 20.9 | X |
| | 8 largest companies | X | X | 31.3 | X |
| | 20 largest companies | X | X | 47.0 | X |
| | 50 largest companies | X | X | 65.9 | 175.7 |
| 332911 | Industrial valve manufacturing | | | | |
| | All companies | 395 | 5 251 602 | 100.0 | X |
| | 4 largest companies | X | X | 24.4 | X |
| | 8 largest companies | X | X | 35.1 | X |
| | 20 largest companies | X | X | 58.4 | X |
| | 50 largest companies | X | X | 81.9 | 310.6 |
| 332912 | Fluid power valve and hose fitting manufacturing | | | | |
| | All companies | 335 | 3 946 348 | 100.0 | X |
| | 4 largest companies | X | X | 42.0 | X |
| | 8 largest companies | X | X | 54.5 | X |
| | 20 largest companies | X | X | 70.2 | X |
| | 50 largest companies | X | X | 85.9 | 572.7 |
| 332913 | Plumbing fixture fitting and trim manufacturing | | | | |
| | All companies | 135 | 1 754 278 | 100.0 | X |
| | 4 largest companies | X | X | 59.4 | X |
| | 8 largest companies | X | X | 72.9 | X |
| | 20 largest companies | X | X | 86.7 | X |
| | 50 largest companies | X | X | 96.4 | 1 830.0 |
| 332919 | Other metal valve and pipe fitting manufacturing | | | | |
| | All companies | 238 | 1 509 200 | 100.0 | X |
| | 4 largest companies | X | X | 20.5 | X |
| | 8 largest companies | X | X | 35.2 | X |
| | 20 largest companies | X | X | 57.2 | X |
| | 50 largest companies | X | X | 80.4 | 222.8 |
| 33299 | All other fabricated metal product manufacturing | | | | |
| | All companies | 5 289 | 17 141 686 | 100.0 | X |
| | 4 largest companies | X | X | 13.7 | X |
| | 8 largest companies | X | X | 19.6 | X |
| | 20 largest companies | X | X | 32.3 | X |
| | 50 largest companies | X | X | 46.0 | 82.3 |
| 332991 | Ball and roller bearing manufacturing | | | | |
| | All companies | 125 | 3 510 968 | 100.0 | X |
| | 4 largest companies | X | X | 52.2 | X |
| | 8 largest companies | X | X | 70.8 | X |
| | 20 largest companies | X | X | 90.4 | X |
| | 50 largest companies | X | X | 98.1 | 1 089.0 |
| 332992 | Small arms ammunition manufacturing | | | | |
| | All companies | 109 | 756 249 | 100.0 | X |
| | 4 largest companies | X | X | 84.2 | X |
| | 8 largest companies | X | X | 90.0 | X |
| | 20 largest companies | X | X | 95.8 | X |
| | 50 largest companies | X | X | 98.8 | 2 098.3 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 332 | Fabricated metal product manufacturing—Con. | | | | |
| 3329 | Other fabricated metal product manufacturing—Con. | | | | |
| 33299 | All other fabricated metal product manufacturing—Con. | | | | |
| 332993 | Ammunition (except small arms) manufacturing | | | | |
| | All companies | 49 | 818 636 | 100.0 | X |
| | 4 largest companies | X | X | 56.1 | X |
| | 8 largest companies | X | X | 78.9 | X |
| | 20 largest companies | X | X | 98.5 | X |
| | 50 largest companies | X | X | 100.0 | 1 037.6 |
| 332994 | Small arms manufacturing | | | | |
| | All companies | 179 | 1 133 551 | 100.0 | X |
| | 4 largest companies | X | X | 45.8 | X |
| | 8 largest companies | X | X | 61.4 | X |
| | 20 largest companies | X | X | 84.6 | X |
| | 50 largest companies | X | X | 95.0 | 720.8 |
| 332995 | Other ordnance and accessories manufacturing | | | | |
| | All companies | 58 | 828 628 | 100.0 | X |
| | 4 largest companies | X | X | 76.0 | X |
| | 8 largest companies | X | X | 90.3 | X |
| | 20 largest companies | X | X | 97.4 | X |
| | 50 largest companies | X | X | 99.9 | 2 993.5 |
| 332996 | Fabricated pipe and pipe fitting manufacturing | | | | |
| | All companies | 733 | 2 097 905 | 100.0 | X |
| | 4 largest companies | X | X | 22.0 | X |
| | 8 largest companies | X | X | 29.7 | X |
| | 20 largest companies | X | X | 41.8 | X |
| | 50 largest companies | X | X | 58.2 | 179.9 |
| 332997 | Industrial pattern manufacturing | | | | |
| | All companies | 534 | 403 298 | 100.0 | X |
| | 4 largest companies | X | X | 20.2 | X |
| | 8 largest companies | X | X | 26.8 | X |
| | 20 largest companies | X | X | 40.4 | X |
| | 50 largest companies | X | X | 59.7 | 240.5 |
| 332998 | Enameled iron and metal sanitary ware manufacturing | | | | |
| | All companies | 73 | 807 161 | 100.0 | X |
| | 4 largest companies | X | X | 66.5 | X |
| | 8 largest companies | X | X | 83.5 | X |
| | 20 largest companies | X | X | 96.7 | X |
| | 50 largest companies | X | X | 99.6 | 1 427.4 |
| 332999 | All other miscellaneous fabricated metal product manufacturing | | | | |
| | All companies | 3 454 | 6 785 290 | 100.0 | X |
| | 4 largest companies | X | X | 9.8 | X |
| | 8 largest companies | X | X | 14.6 | X |
| | 20 largest companies | X | X | 23.1 | X |
| | 50 largest companies | X | X | 34.6 | 41.1 |
| 333 | Machinery manufacturing | | | | |
| | All companies | 25 526 | 129 152 744 | 100.0 | X |
| | 4 largest companies | X | X | 13.8 | X |
| | 8 largest companies | X | X | 18.6 | X |
| | 20 largest companies | X | X | 25.8 | X |
| | 50 largest companies | X | X | 35.7 | 63.4 |
| 3331 | Agriculture, construction, and mining machinery manufacturing | | | | |
| | All companies | 2 666 | 20 627 837 | 100.0 | X |
| | 4 largest companies | X | X | 36.5 | X |
| | 8 largest companies | X | X | 44.3 | X |
| | 20 largest companies | X | X | 54.3 | X |
| | 50 largest companies | X | X | 66.7 | 615.0 |
| 33311 | Agricultural implement manufacturing | | | | |
| | All companies | 1 260 | 9 469 471 | 100.0 | X |
| | 4 largest companies | X | X | 52.3 | X |
| | 8 largest companies | X | X | 61.2 | X |
| | 20 largest companies | X | X | 71.5 | X |
| | 50 largest companies | X | X | 81.5 | 1 443.9 |
| 333111 | Farm machinery and equipment manufacturing | | | | |
| | All companies | 1 138 | 6 953 445 | 100.0 | X |
| | 4 largest companies | X | X | 58.1 | X |
| | 8 largest companies | X | X | 63.0 | X |
| | 20 largest companies | X | X | 72.0 | X |
| | 50 largest companies | X | X | 81.0 | 1 906.4 |
| 333112 | Lawn and garden tractor and home lawn and garden equipment manufacturing | | | | |
| | All companies | 129 | 2 516 026 | 100.0 | X |
| | 4 largest companies | X | X | 61.2 | X |
| | 8 largest companies | X | X | 76.6 | X |
| | 20 largest companies | X | X | 92.2 | X |
| | 50 largest companies | X | X | 98.7 | 1 170.2 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 333 | Machinery manufacturing—Con. | | | | |
| 3331 | Agriculture, construction, and mining machinery manufacturing—Con. | | | | |
| 33312 | Construction machinery manufacturing | | | | |
| | All companies | 719 | 7 569 158 | 100.0 | X |
| | 4 largest companies | X | X | 45.9 | X |
| | 8 largest companies | X | X | 55.0 | X |
| | 20 largest companies | X | X | 69.8 | X |
| | 50 largest companies | X | X | 82.9 | 770.7 |
| 333120 | Construction machinery manufacturing | | | | |
| | All companies | 719 | 7 569 158 | 100.0 | X |
| | 4 largest companies | X | X | 45.9 | X |
| | 8 largest companies | X | X | 55.0 | X |
| | 20 largest companies | X | X | 69.8 | X |
| | 50 largest companies | X | X | 82.9 | 770.7 |
| 33313 | Mining and oil and gas field machinery manufacturing | | | | |
| | All companies | 708 | 3 589 208 | 100.0 | X |
| | 4 largest companies | X | X | 19.2 | X |
| | 8 largest companies | X | X | 31.0 | X |
| | 20 largest companies | X | X | 50.7 | X |
| | 50 largest companies | X | X | 68.1 | 175.9 |
| 333131 | Mining machinery and equipment manufacturing | | | | |
| | All companies | 246 | 888 077 | 100.0 | X |
| | 4 largest companies | X | X | 37.8 | X |
| | 8 largest companies | X | X | 47.6 | X |
| | 20 largest companies | X | X | 64.7 | X |
| | 50 largest companies | X | X | 83.2 | 508.7 |
| 333132 | Oil and gas field machinery and equipment manufacturing | | | | |
| | All companies | 467 | 2 701 131 | 100.0 | X |
| | 4 largest companies | X | X | 22.6 | X |
| | 8 largest companies | X | X | 35.1 | X |
| | 20 largest companies | X | X | 56.9 | X |
| | 50 largest companies | X | X | 75.9 | 229.6 |
| 3332 | Industrial machinery manufacturing | | | | |
| | All companies | 4 139 | 18 123 302 | 100.0 | X |
| | 4 largest companies | X | X | 24.4 | X |
| | 8 largest companies | X | X | 28.0 | X |
| | 20 largest companies | X | X | 35.1 | X |
| | 50 largest companies | X | X | 45.5 | 351.4 |
| 33321 | Sawmill and woodworking machinery manufacturing | | | | |
| | All companies | 290 | 536 360 | 100.0 | X |
| | 4 largest companies | X | X | 24.4 | X |
| | 8 largest companies | X | X | 36.2 | X |
| | 20 largest companies | X | X | 52.7 | X |
| | 50 largest companies | X | X | 74.9 | 246.7 |
| 333210 | Sawmill and woodworking machinery manufacturing | | | | |
| | All companies | 290 | 536 360 | 100.0 | X |
| | 4 largest companies | X | X | 24.4 | X |
| | 8 largest companies | X | X | 36.2 | X |
| | 20 largest companies | X | X | 52.7 | X |
| | 50 largest companies | X | X | 74.9 | 246.7 |
| 33322 | Plastics and rubber industry machinery manufacturing | | | | |
| | All companies | 538 | 1 545 928 | 100.0 | X |
| | 4 largest companies | X | X | 18.0 | X |
| | 8 largest companies | X | X | 28.5 | X |
| | 20 largest companies | X | X | 46.1 | X |
| | 50 largest companies | X | X | 68.2 | 154.4 |
| 333220 | Plastics and rubber industry machinery manufacturing | | | | |
| | All companies | 538 | 1 545 928 | 100.0 | X |
| | 4 largest companies | X | X | 18.0 | X |
| | 8 largest companies | X | X | 28.5 | X |
| | 20 largest companies | X | X | 46.1 | X |
| | 50 largest companies | X | X | 68.2 | 154.4 |
| 33329 | Other industrial machinery manufacturing | | | | |
| | All companies | 3 325 | 16 041 014 | 100.0 | X |
| | 4 largest companies | X | X | 27.6 | X |
| | 8 largest companies | X | X | 31.6 | X |
| | 20 largest companies | X | X | 39.6 | X |
| | 50 largest companies | X | X | 50.5 | 447.9 |
| 333291 | Paper industry machinery manufacturing | | | | |
| | All companies | 272 | 998 094 | 100.0 | X |
| | 4 largest companies | X | X | 27.2 | X |
| | 8 largest companies | X | X | 41.9 | X |
| | 20 largest companies | X | X | 61.3 | X |
| | 50 largest companies | X | X | 78.3 | 294.9 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 333 | Machinery manufacturing—Con. | | | | |
| 3332 | Industrial machinery manufacturing—Con. | | | | |
| 33329 | Other industrial machinery manufacturing—Con. | | | | |
| 333292 | Textile machinery manufacturing | | | | |
| | All companies | 395 | 529 337 | 100.0 | X |
| | 4 largest companies | X | X | 21.9 | X |
| | 8 largest companies | X | X | 33.0 | X |
| | 20 largest companies | X | X | 51.8 | X |
| | 50 largest companies | X | X | 71.6 | 218.9 |
| 333293 | Printing machinery and equipment manufacturing | | | | |
| | All companies | 468 | 1 632 437 | 100.0 | X |
| | 4 largest companies | X | X | 21.5 | X |
| | 8 largest companies | X | X | 33.0 | X |
| | 20 largest companies | X | X | 52.8 | X |
| | 50 largest companies | X | X | 70.7 | 204.8 |
| 333294 | Food product machinery manufacturing | | | | |
| | All companies | 534 | 1 708 892 | 100.0 | X |
| | 4 largest companies | X | X | 17.7 | X |
| | 8 largest companies | X | X | 26.5 | X |
| | 20 largest companies | X | X | 42.9 | X |
| | 50 largest companies | X | X | 62.9 | 147.7 |
| 333295 | Semiconductor machinery manufacturing | | | | |
| | All companies | 262 | 6 979 822 | 100.0 | X |
| | 4 largest companies | X | X | 63.5 | X |
| | 8 largest companies | X | X | 71.5 | X |
| | 20 largest companies | X | X | 82.7 | X |
| | 50 largest companies | X | X | 92.8 | 2 325.7 |
| 333298 | All other industrial machinery manufacturing | | | | |
| | All companies | 1 414 | 4 192 432 | 100.0 | X |
| | 4 largest companies | X | X | 11.2 | X |
| | 8 largest companies | X | X | 17.7 | X |
| | 20 largest companies | X | X | 30.2 | X |
| | 50 largest companies | X | X | 46.0 | 65.1 |
| 3333 | Commercial and service industry machinery manufacturing | | | | |
| | All companies | 2 215 | 11 082 808 | 100.0 | X |
| | 4 largest companies | X | X | 16.7 | X |
| | 8 largest companies | X | X | 23.9 | X |
| | 20 largest companies | X | X | 36.8 | X |
| | 50 largest companies | X | X | 52.5 | 126.3 |
| 33331 | Commercial and service industry machinery manufacturing | | | | |
| | All companies | 2 215 | 11 082 808 | 100.0 | X |
| | 4 largest companies | X | X | 16.7 | X |
| | 8 largest companies | X | X | 23.9 | X |
| | 20 largest companies | X | X | 36.8 | X |
| | 50 largest companies | X | X | 52.5 | 126.3 |
| 333311 | Automatic vending machine manufacturing | | | | |
| | All companies | 106 | 736 370 | 100.0 | X |
| | 4 largest companies | X | X | 42.3 | X |
| | 8 largest companies | X | X | 67.1 | X |
| | 20 largest companies | X | X | 88.7 | X |
| | 50 largest companies | X | X | 98.0 | 679.3 |
| 333312 | Commercial laundry, drycleaning, and pressing machine manufacturing | | | | |
| | All companies | 57 | 250 674 | 100.0 | X |
| | 4 largest companies | X | X | 49.7 | X |
| | 8 largest companies | X | X | 72.2 | X |
| | 20 largest companies | X | X | 92.9 | X |
| | 50 largest companies | X | X | 99.9 | 842.3 |
| 333313 | Office machinery manufacturing | | | | |
| | All companies | 92 | 1 453 739 | 100.0 | X |
| | 4 largest companies | X | X | 81.2 | X |
| | 8 largest companies | X | X | 89.4 | X |
| | 20 largest companies | X | X | 96.8 | X |
| | 50 largest companies | X | X | 99.9 | D |
| 333314 | Optical instrument and lens manufacturing | | | | |
| | All companies | 423 | 1 760 757 | 100.0 | X |
| | 4 largest companies | X | X | 30.7 | X |
| | 8 largest companies | X | X | 44.4 | X |
| | 20 largest companies | X | X | 57.6 | X |
| | 50 largest companies | X | X | 74.7 | 369.6 |
| 333315 | Photographic and photocopying equipment manufacturing | | | | |
| | All companies | 283 | 928 804 | 100.0 | X |
| | 4 largest companies | X | X | 36.6 | X |
| | 8 largest companies | X | X | 53.6 | X |
| | 20 largest companies | X | X | 75.7 | X |
| | 50 largest companies | X | X | 89.3 | 522.7 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 333 | Machinery manufacturing—Con. | | | | |
| 3333 | Commercial and service industry machinery manufacturing—Con. | | | | |
| 33331 | Commercial and service industry machinery manufacturing—Con. | | | | |
| 333319 | Other commercial and service industry machinery manufacturing | | | | |
| | All companies | 1 264 | 5 952 464 | 100.0 | X |
| | 4 largest companies | X | X | 19.4 | X |
| | 8 largest companies | X | X | 28.9 | X |
| | 20 largest companies | X | X | 44.4 | X |
| | 50 largest companies | X | X | 60.4 | 150.6 |
| 3334 | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing | | | | |
| | All companies | 1 531 | 16 584 751 | 100.0 | X |
| | 4 largest companies | X | X | 28.6 | X |
| | 8 largest companies | X | X | 40.4 | X |
| | 20 largest companies | X | X | 55.3 | X |
| | 50 largest companies | X | X | 68.3 | 290.1 |
| 33341 | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing | | | | |
| | All companies | 1 531 | 16 584 751 | 100.0 | X |
| | 4 largest companies | X | X | 28.6 | X |
| | 8 largest companies | X | X | 40.4 | X |
| | 20 largest companies | X | X | 55.3 | X |
| | 50 largest companies | X | X | 68.3 | 290.1 |
| 333411 | Air purification equipment manufacturing | | | | |
| | All companies | 327 | 1 194 974 | 100.0 | X |
| | 4 largest companies | X | X | 26.8 | X |
| | 8 largest companies | X | X | 40.5 | X |
| | 20 largest companies | X | X | 59.1 | X |
| | 50 largest companies | X | X | 77.9 | 278.6 |
| 333412 | Industrial and commercial fan and blower manufacturing | | | | |
| | All companies | 132 | 1 061 929 | 100.0 | X |
| | 4 largest companies | X | X | 29.2 | X |
| | 8 largest companies | X | X | 46.9 | X |
| | 20 largest companies | X | X | 70.5 | X |
| | 50 largest companies | X | X | 89.3 | 372.7 |
| 333414 | Heating equipment (except warm air furnaces) manufacturing | | | | |
| | All companies | 391 | 2 265 448 | 100.0 | X |
| | 4 largest companies | X | X | 24.7 | X |
| | 8 largest companies | X | X | 38.8 | X |
| | 20 largest companies | X | X | 57.3 | X |
| | 50 largest companies | X | X | 76.9 | 261.4 |
| 333415 | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing | | | | |
| | All companies | 705 | 12 062 400 | 100.0 | X |
| | 4 largest companies | X | X | 39.0 | X |
| | 8 largest companies | X | X | 54.2 | X |
| | 20 largest companies | X | X | 71.6 | X |
| | 50 largest companies | X | X | 83.0 | 521.9 |
| 3335 | Metalworking machinery manufacturing | | | | |
| | All companies | 8 772 | 15 890 672 | 100.0 | X |
| | 4 largest companies | X | X | 5.4 | X |
| | 8 largest companies | X | X | 8.2 | X |
| | 20 largest companies | X | X | 13.6 | X |
| | 50 largest companies | X | X | 21.7 | 15.0 |
| 33351 | Metalworking machinery manufacturing | | | | |
| | All companies | 8 772 | 15 890 672 | 100.0 | X |
| | 4 largest companies | X | X | 5.4 | X |
| | 8 largest companies | X | X | 8.2 | X |
| | 20 largest companies | X | X | 13.6 | X |
| | 50 largest companies | X | X | 21.7 | 15.0 |
| 333511 | Industrial mold manufacturing | | | | |
| | All companies | 2 399 | 3 765 282 | 100.0 | X |
| | 4 largest companies | X | X | 5.4 | X |
| | 8 largest companies | X | X | 9.5 | X |
| | 20 largest companies | X | X | 17.2 | X |
| | 50 largest companies | X | X | 28.3 | 20.8 |
| 333512 | Machine tool (metal cutting types) manufacturing | | | | |
| | All companies | 342 | 1 479 823 | 100.0 | X |
| | 4 largest companies | X | X | 26.0 | X |
| | 8 largest companies | X | X | 38.1 | X |
| | 20 largest companies | X | X | 53.4 | X |
| | 50 largest companies | X | X | 70.3 | 241.2 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 333 | Machinery manufacturing—Con. | | | | |
| 3335 | Metalworking machinery manufacturing—Con. | | | | |
| 33351 | Metalworking machinery manufacturing—Con. | | | | |
| 333513 | Machine tool (metal forming types) manufacturing | | | | |
| | All companies | 173 | 666 950 | 100.0 | X |
| | 4 largest companies | X | X | 19.0 | X |
| | 8 largest companies | X | X | 32.9 | X |
| | 20 largest companies | X | X | 54.0 | X |
| | 50 largest companies | X | X | 76.5 | 196.7 |
| 333514 | Special die and tool, die set, jig, and fixture manufacturing | | | | |
| | All companies | 3 660 | 4 781 317 | 100.0 | X |
| | 4 largest companies | X | X | 5.6 | X |
| | 8 largest companies | X | X | 8.4 | X |
| | 20 largest companies | X | X | 15.1 | X |
| | 50 largest companies | X | X | 24.8 | 19.3 |
| 333515 | Cutting tool and machine tool accessory manufacturing | | | | |
| | All companies | 1 805 | 3 330 331 | 100.0 | X |
| | 4 largest companies | X | X | 19.8 | X |
| | 8 largest companies | X | X | 25.6 | X |
| | 20 largest companies | X | X | 37.2 | X |
| | 50 largest companies | X | X | 51.3 | 172.1 |
| 333516 | Rolling mill machinery and equipment manufacturing | | | | |
| | All companies | 71 | 268 072 | 100.0 | X |
| | 4 largest companies | X | X | 47.5 | X |
| | 8 largest companies | X | X | 69.1 | X |
| | 20 largest companies | X | X | 88.2 | X |
| | 50 largest companies | X | X | 99.9 | 735.4 |
| 333518 | Other metalworking machinery manufacturing | | | | |
| | All companies | 415 | 1 598 897 | 100.0 | X |
| | 4 largest companies | X | X | 27.6 | X |
| | 8 largest companies | X | X | 37.3 | X |
| | 20 largest companies | X | X | 50.1 | X |
| | 50 largest companies | X | X | 67.8 | 260.4 |
| 3336 | Engine, turbine, and power transmission equipment manufacturing | | | | |
| | All companies | 751 | 17 297 643 | 100.0 | X |
| | 4 largest companies | X | X | 53.5 | X |
| | 8 largest companies | X | X | 61.7 | X |
| | 20 largest companies | X | X | 73.0 | X |
| | 50 largest companies | X | X | 85.3 | 1 290.1 |
| 33361 | Engine, turbine, and power transmission equipment manufacturing | | | | |
| | All companies | 751 | 17 297 643 | 100.0 | X |
| | 4 largest companies | X | X | 53.5 | X |
| | 8 largest companies | X | X | 61.7 | X |
| | 20 largest companies | X | X | 73.0 | X |
| | 50 largest companies | X | X | 85.3 | 1 290.1 |
| 333611 | Turbine and turbine generator set units manufacturing | | | | |
| | All companies | 93 | 7 673 779 | 100.0 | X |
| | 4 largest companies | X | X | 88.0 | X |
| | 8 largest companies | X | X | 91.4 | X |
| | 20 largest companies | X | X | 96.4 | X |
| | 50 largest companies | X | X | 99.5 | D |
| 333612 | Speed changer, industrial high-speed drive, and gear manufacturing | | | | |
| | All companies | 210 | 1 260 881 | 100.0 | X |
| | 4 largest companies | X | X | 29.3 | X |
| | 8 largest companies | X | X | 43.0 | X |
| | 20 largest companies | X | X | 64.0 | X |
| | 50 largest companies | X | X | 82.8 | 317.8 |
| 333613 | Mechanical power transmission equipment manufacturing | | | | |
| | All companies | 203 | 1 646 655 | 100.0 | X |
| | 4 largest companies | X | X | 24.7 | X |
| | 8 largest companies | X | X | 40.4 | X |
| | 20 largest companies | X | X | 69.3 | X |
| | 50 largest companies | X | X | 88.6 | 308.4 |
| 333618 | Other engine equipment manufacturing | | | | |
| | All companies | 267 | 6 716 328 | 100.0 | X |
| | 4 largest companies | X | X | 49.5 | X |
| | 8 largest companies | X | X | 66.1 | X |
| | 20 largest companies | X | X | 85.1 | X |
| | 50 largest companies | X | X | 94.5 | 867.4 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added ² (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|------------------------------------|------------------------------------|--|
| 333 | Machinery manufacturing—Con. | | | | |
| 3339 | Other general purpose machinery manufacturing | | | | |
| | All companies | 5 909 | 29 545 731 | 100.0 | X |
| | 4 largest companies | X | X | 7.9 | X |
| | 8 largest companies | X | X | 14.2 | X |
| | 20 largest companies | X | X | 25.9 | X |
| | 50 largest companies | X | X | 41.0 | 45.8 |
| 33391 | Pump and compressor manufacturing | | | | |
| | All companies | 684 | 6 204 183 | 100.0 | X |
| | 4 largest companies | X | X | 20.7 | X |
| | 8 largest companies | X | X | 31.6 | X |
| | 20 largest companies | X | X | 52.2 | X |
| | 50 largest companies | X | X | 74.4 | 196.3 |
| 333911 | Pump and pumping equipment manufacturing | | | | |
| | All companies | 399 | 3 582 830 | 100.0 | X |
| | 4 largest companies | X | X | 28.2 | X |
| | 8 largest companies | X | X | 43.9 | X |
| | 20 largest companies | X | X | 66.2 | X |
| | 50 largest companies | X | X | 83.0 | 336.9 |
| 333912 | Air and gas compressor manufacturing | | | | |
| | All companies | 276 | 2 164 362 | 100.0 | X |
| | 4 largest companies | X | X | 30.4 | X |
| | 8 largest companies | X | X | 46.2 | X |
| | 20 largest companies | X | X | 69.9 | X |
| | 50 largest companies | X | X | 86.9 | 438.5 |
| 333913 | Measuring and dispensing pump manufacturing | | | | |
| | All companies | 29 | 456 991 | 100.0 | X |
| | 4 largest companies | X | X | 63.0 | X |
| | 8 largest companies | X | X | 85.7 | X |
| | 20 largest companies | X | X | 99.9 | X |
| | 50 largest companies | X | X | 100.0 | 1 275.9 |
| 33392 | Material handling equipment manufacturing | | | | |
| | All companies | 1 623 | 7 048 515 | 100.0 | X |
| | 4 largest companies | X | X | 15.3 | X |
| | 8 largest companies | X | X | 23.5 | X |
| | 20 largest companies | X | X | 37.7 | X |
| | 50 largest companies | X | X | 52.1 | 111.3 |
| 333921 | Elevator and moving stairway manufacturing | | | | |
| | All companies | 167 | 918 607 | 100.0 | X |
| | 4 largest companies | X | X | 57.5 | X |
| | 8 largest companies | X | X | 66.5 | X |
| | 20 largest companies | X | X | 79.2 | X |
| | 50 largest companies | X | X | 91.6 | 940.4 |
| 333922 | Conveyor and conveying equipment manufacturing | | | | |
| | All companies | 794 | 3 066 826 | 100.0 | X |
| | 4 largest companies | X | X | 23.1 | X |
| | 8 largest companies | X | X | 29.5 | X |
| | 20 largest companies | X | X | 40.3 | X |
| | 50 largest companies | X | X | 55.1 | 284.1 |
| 333923 | Overhead traveling crane, hoist, and monorail system manufacturing | | | | |
| | All companies | 275 | 1 203 473 | 100.0 | X |
| | 4 largest companies | X | X | 41.0 | X |
| | 8 largest companies | X | X | 54.3 | X |
| | 20 largest companies | X | X | 66.6 | X |
| | 50 largest companies | X | X | 81.1 | 560.0 |
| 333924 | Industrial truck, tractor, trailer, and stacker machinery manufacturing | | | | |
| | All companies | 402 | 1 859 609 | 100.0 | X |
| | 4 largest companies | X | X | 26.9 | X |
| | 8 largest companies | X | X | 41.5 | X |
| | 20 largest companies | X | X | 63.4 | X |
| | 50 largest companies | X | X | 79.6 | 307.5 |
| 33399 | All other general purpose machinery manufacturing | | | | |
| | All companies | 3 665 | 16 293 033 | 100.0 | X |
| | 4 largest companies | X | X | 13.4 | X |
| | 8 largest companies | X | X | 21.4 | X |
| | 20 largest companies | X | X | 35.6 | X |
| | 50 largest companies | X | X | 49.6 | 87.2 |
| 333991 | Power-driven handtool manufacturing | | | | |
| | All companies | 109 | 1 781 615 | 100.0 | X |
| | 4 largest companies | X | X | 56.8 | X |
| | 8 largest companies | X | X | 74.1 | X |
| | 20 largest companies | X | X | 93.4 | X |
| | 50 largest companies | X | X | 98.0 | 1 266.0 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 333 | Machinery manufacturing—Con. | | | | |
| 3339 | Other general purpose machinery manufacturing—Con. | | | | |
| 33399 | All other general purpose machinery manufacturing—Con. | | | | |
| 333992 | Welding and soldering equipment manufacturing | | | | |
| | All companies | 203 | 2 017 402 | 100.0 | X |
| | 4 largest companies | X | X | 54.9 | X |
| | 8 largest companies | X | X | 71.5 | X |
| | 20 largest companies | X | X | 82.4 | X |
| | 50 largest companies | X | X | 92.0 | 1 030.6 |
| 333993 | Packaging machinery manufacturing | | | | |
| | All companies | 625 | 2 457 324 | 100.0 | X |
| | 4 largest companies | X | X | 23.6 | X |
| | 8 largest companies | X | X | 34.8 | X |
| | 20 largest companies | X | X | 50.4 | X |
| | 50 largest companies | X | X | 67.5 | 214.8 |
| 333994 | Industrial process furnace and oven manufacturing | | | | |
| | All companies | 331 | 933 633 | 100.0 | X |
| | 4 largest companies | X | X | 22.7 | X |
| | 8 largest companies | X | X | 30.5 | X |
| | 20 largest companies | X | X | 45.3 | X |
| | 50 largest companies | X | X | 67.3 | 184.3 |
| 333995 | Fluid power cylinder and actuator manufacturing | | | | |
| | All companies | 258 | 1 881 923 | 100.0 | X |
| | 4 largest companies | X | X | 49.8 | X |
| | 8 largest companies | X | X | 57.7 | X |
| | 20 largest companies | X | X | 73.4 | X |
| | 50 largest companies | X | X | 87.5 | 830.4 |
| 333996 | Fluid power pump and motor manufacturing | | | | |
| | All companies | 141 | 1 399 152 | 100.0 | X |
| | 4 largest companies | X | X | 68.7 | X |
| | 8 largest companies | X | X | 78.8 | X |
| | 20 largest companies | X | X | 91.4 | X |
| | 50 largest companies | X | X | 96.9 | 1 274.6 |
| 333997 | Scale and balance (except laboratory) manufacturing | | | | |
| | All companies | 105 | 372 072 | 100.0 | X |
| | 4 largest companies | X | X | 43.6 | X |
| | 8 largest companies | X | X | 63.2 | X |
| | 20 largest companies | X | X | 82.8 | X |
| | 50 largest companies | X | X | 97.8 | 760.5 |
| 333999 | All other miscellaneous general purpose machinery manufacturing | | | | |
| | All companies | 1 933 | 5 449 912 | 100.0 | X |
| | 4 largest companies | X | X | 18.8 | X |
| | 8 largest companies | X | X | 26.3 | X |
| | 20 largest companies | X | X | 38.0 | X |
| | 50 largest companies | X | X | 52.2 | 142.9 |
| 334 | Computer and electronic product manufacturing | | | | |
| | All companies | 13 910 | 200 425 588 | 100.0 | X |
| | 4 largest companies | X | X | 20.8 | X |
| | 8 largest companies | X | X | 28.6 | X |
| | 20 largest companies | X | X | 42.2 | X |
| | 50 largest companies | X | X | 56.6 | 179.0 |
| 3341 | Computer and peripheral equipment manufacturing | | | | |
| | All companies | 1 517 | 34 401 587 | 100.0 | X |
| | 4 largest companies | X | X | 49.8 | X |
| | 8 largest companies | X | X | 67.4 | X |
| | 20 largest companies | X | X | 80.7 | X |
| | 50 largest companies | X | X | 89.0 | 1 073.3 |
| 33411 | Computer and peripheral equipment manufacturing | | | | |
| | All companies | 1 517 | 34 401 587 | 100.0 | X |
| | 4 largest companies | X | X | 49.8 | X |
| | 8 largest companies | X | X | 67.4 | X |
| | 20 largest companies | X | X | 80.7 | X |
| | 50 largest companies | X | X | 89.0 | 1 073.3 |
| 334111 | Electronic computer manufacturing | | | | |
| | All companies | 465 | 20 937 780 | 100.0 | X |
| | 4 largest companies | X | X | 80.6 | X |
| | 8 largest companies | X | X | 92.1 | X |
| | 20 largest companies | X | X | 96.6 | X |
| | 50 largest companies | X | X | 99.0 | 2 662.0 |
| 334112 | Computer storage device manufacturing | | | | |
| | All companies | 157 | 4 734 197 | 100.0 | X |
| | 4 largest companies | X | X | 66.8 | X |
| | 8 largest companies | X | X | 79.4 | X |
| | 20 largest companies | X | X | 92.4 | X |
| | 50 largest companies | X | X | 98.0 | 1 684.9 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 334 | Computer and electronic product manufacturing—Con. | | | | |
| 3341 | Computer and peripheral equipment manufacturing—Con. | | | | |
| 33411 | Computer and peripheral equipment manufacturing—Con. | | | | |
| 334113 | Computer terminal manufacturing | | | | |
| | All companies | 70 | 235 979 | 100.0 | X |
| | 4 largest companies | X | X | 67.7 | X |
| | 8 largest companies | X | X | 80.3 | X |
| | 20 largest companies | X | X | 92.4 | X |
| | 50 largest companies | X | X | 99.3 | 1 889.6 |
| 334119 | Other computer peripheral equipment manufacturing | | | | |
| | All companies | 838 | 8 493 631 | 100.0 | X |
| | 4 largest companies | X | X | 46.0 | X |
| | 8 largest companies | X | X | 56.0 | X |
| | 20 largest companies | X | X | 71.1 | X |
| | 50 largest companies | X | X | 82.4 | 703.9 |
| 3342 | Communications equipment manufacturing | | | | |
| | All companies | 1 828 | 32 442 325 | 100.0 | X |
| | 4 largest companies | X | X | 34.6 | X |
| | 8 largest companies | X | X | 45.6 | X |
| | 20 largest companies | X | X | 60.9 | X |
| | 50 largest companies | X | X | 73.9 | 451.6 |
| 33421 | Telephone apparatus manufacturing | | | | |
| | All companies | 456 | 14 557 161 | 100.0 | X |
| | 4 largest companies | X | X | 54.2 | X |
| | 8 largest companies | X | X | 65.0 | X |
| | 20 largest companies | X | X | 78.1 | X |
| | 50 largest companies | X | X | 87.2 | 1 452.0 |
| 334210 | Telephone apparatus manufacturing | | | | |
| | All companies | 456 | 14 557 161 | 100.0 | X |
| | 4 largest companies | X | X | 54.2 | X |
| | 8 largest companies | X | X | 65.0 | X |
| | 20 largest companies | X | X | 78.1 | X |
| | 50 largest companies | X | X | 87.2 | 1 452.0 |
| 33422 | Radio and television broadcasting and wireless communications equipment manufacturing | | | | |
| | All companies | 934 | 14 615 653 | 100.0 | X |
| | 4 largest companies | X | X | 44.0 | X |
| | 8 largest companies | X | X | 55.3 | X |
| | 20 largest companies | X | X | 68.6 | X |
| | 50 largest companies | X | X | 80.3 | 717.9 |
| 334220 | Radio and television broadcasting and wireless communications equipment manufacturing | | | | |
| | All companies | 934 | 14 615 653 | 100.0 | X |
| | 4 largest companies | X | X | 44.0 | X |
| | 8 largest companies | X | X | 55.3 | X |
| | 20 largest companies | X | X | 68.6 | X |
| | 50 largest companies | X | X | 80.3 | 717.9 |
| 33429 | Other communications equipment manufacturing | | | | |
| | All companies | 470 | 3 269 511 | 100.0 | X |
| | 4 largest companies | X | X | 45.9 | X |
| | 8 largest companies | X | X | 57.1 | X |
| | 20 largest companies | X | X | 69.6 | X |
| | 50 largest companies | X | X | 81.6 | 698.7 |
| 334290 | Other communications equipment manufacturing | | | | |
| | All companies | 470 | 3 269 511 | 100.0 | X |
| | 4 largest companies | X | X | 45.9 | X |
| | 8 largest companies | X | X | 57.1 | X |
| | 20 largest companies | X | X | 69.6 | X |
| | 50 largest companies | X | X | 81.6 | 698.7 |
| 3343 | Audio and video equipment manufacturing | | | | |
| | All companies | 544 | 3 308 714 | 100.0 | X |
| | 4 largest companies | X | X | 45.6 | X |
| | 8 largest companies | X | X | 57.0 | X |
| | 20 largest companies | X | X | 73.1 | X |
| | 50 largest companies | X | X | 86.1 | 893.9 |
| 33431 | Audio and video equipment manufacturing | | | | |
| | All companies | 544 | 3 308 714 | 100.0 | X |
| | 4 largest companies | X | X | 45.6 | X |
| | 8 largest companies | X | X | 57.0 | X |
| | 20 largest companies | X | X | 73.1 | X |
| | 50 largest companies | X | X | 86.1 | 893.9 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 334 | Computer and electronic product manufacturing—Con. | | | | |
| 3343 | Audio and video equipment manufacturing—Con. | | | | |
| 33431 | Audio and video equipment manufacturing—Con. | | | | |
| 334310 | Audio and video equipment manufacturing | | | | |
| | All companies | 544 | 3 308 714 | 100.0 | X |
| | 4 largest companies | X | X | 45.6 | X |
| | 8 largest companies | X | X | 57.0 | X |
| | 20 largest companies | X | X | 73.1 | X |
| | 50 largest companies | X | X | 86.1 | 893.9 |
| 3344 | Semiconductor and other electronic component manufacturing | | | | |
| | All companies | 4 798 | 69 209 138 | 100.0 | X |
| | 4 largest companies | X | X | 42.7 | X |
| | 8 largest companies | X | X | 48.4 | X |
| | 20 largest companies | X | X | 58.5 | X |
| | 50 largest companies | X | X | 69.7 | 907.6 |
| 33441 | Semiconductor and other electronic component manufacturing | | | | |
| | All companies | 4 798 | 69 209 138 | 100.0 | X |
| | 4 largest companies | X | X | 42.7 | X |
| | 8 largest companies | X | X | 48.4 | X |
| | 20 largest companies | X | X | 58.5 | X |
| | 50 largest companies | X | X | 69.7 | 907.6 |
| 334411 | Electron tube manufacturing | | | | |
| | All companies | 90 | 898 751 | 100.0 | X |
| | 4 largest companies | X | X | 55.9 | X |
| | 8 largest companies | X | X | 78.4 | X |
| | 20 largest companies | X | X | 92.8 | X |
| | 50 largest companies | X | X | 98.9 | 1 008.4 |
| 334412 | Bare printed circuit board manufacturing | | | | |
| | All companies | 891 | 3 546 093 | 100.0 | X |
| | 4 largest companies | X | X | 24.6 | X |
| | 8 largest companies | X | X | 34.7 | X |
| | 20 largest companies | X | X | 50.3 | X |
| | 50 largest companies | X | X | 63.3 | 209.2 |
| 334413 | Semiconductor and related device manufacturing | | | | |
| | All companies | 904 | 44 818 228 | 100.0 | X |
| | 4 largest companies | X | X | 60.3 | X |
| | 8 largest companies | X | X | 66.7 | X |
| | 20 largest companies | X | X | 80.1 | X |
| | 50 largest companies | X | X | 90.8 | 2 058.9 |
| 334414 | Electronic capacitor manufacturing | | | | |
| | All companies | 84 | 734 069 | 100.0 | X |
| | 4 largest companies | X | X | 53.1 | X |
| | 8 largest companies | X | X | 71.7 | X |
| | 20 largest companies | X | X | 88.5 | X |
| | 50 largest companies | X | X | 99.1 | 1 145.8 |
| 334415 | Electronic resistor manufacturing | | | | |
| | All companies | 58 | 393 932 | 100.0 | X |
| | 4 largest companies | X | X | 38.7 | X |
| | 8 largest companies | X | X | 57.6 | X |
| | 20 largest companies | X | X | 86.7 | X |
| | 50 largest companies | X | X | 99.6 | 613.0 |
| 334416 | Electronic coil, transformer, and other inductor manufacturing | | | | |
| | All companies | 332 | 641 423 | 100.0 | X |
| | 4 largest companies | X | X | 20.5 | X |
| | 8 largest companies | X | X | 29.6 | X |
| | 20 largest companies | X | X | 43.9 | X |
| | 50 largest companies | X | X | 64.5 | 184.1 |
| 334417 | Electronic connector manufacturing | | | | |
| | All companies | 280 | 2 263 117 | 100.0 | X |
| | 4 largest companies | X | X | 43.7 | X |
| | 8 largest companies | X | X | 54.9 | X |
| | 20 largest companies | X | X | 70.8 | X |
| | 50 largest companies | X | X | 85.3 | 912.5 |
| 334418 | Printed circuit assembly (electronic assembly) manufacturing | | | | |
| | All companies | 790 | 10 248 676 | 100.0 | X |
| | 4 largest companies | X | X | 40.2 | X |
| | 8 largest companies | X | X | 52.5 | X |
| | 20 largest companies | X | X | 66.3 | X |
| | 50 largest companies | X | X | 76.9 | 588.6 |
| 334419 | Other electronic component manufacturing | | | | |
| | All companies | 1 526 | 5 664 849 | 100.0 | X |
| | 4 largest companies | X | X | 11.6 | X |
| | 8 largest companies | X | X | 17.9 | X |
| | 20 largest companies | X | X | 29.4 | X |
| | 50 largest companies | X | X | 46.8 | 66.8 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 334 | Computer and electronic product manufacturing—Con. | | | | |
| 3345 | Navigational, measuring, electromedical, and control instruments manufacturing | | | | |
| | All companies | 4 624 | 56 407 500 | 100.0 | X |
| | 4 largest companies | X | X | 23.5 | X |
| | 8 largest companies | X | X | 33.3 | X |
| | 20 largest companies | X | X | 49.1 | X |
| | 50 largest companies | X | X | 64.5 | 215.6 |
| 33451 | Navigational, measuring, electromedical, and control instruments manufacturing | | | | |
| | All companies | 4 624 | 56 407 500 | 100.0 | X |
| | 4 largest companies | X | X | 23.5 | X |
| | 8 largest companies | X | X | 33.3 | X |
| | 20 largest companies | X | X | 49.1 | X |
| | 50 largest companies | X | X | 64.5 | 215.6 |
| 334510 | Electromedical and electrotherapeutic apparatus manufacturing | | | | |
| | All companies | 485 | 9 731 759 | 100.0 | X |
| | 4 largest companies | X | X | 38.5 | X |
| | 8 largest companies | X | X | 50.2 | X |
| | 20 largest companies | X | X | 66.6 | X |
| | 50 largest companies | X | X | 82.6 | 487.2 |
| 334511 | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing | | | | |
| | All companies | 504 | 21 190 101 | 100.0 | X |
| | 4 largest companies | X | X | 60.5 | X |
| | 8 largest companies | X | X | 78.2 | X |
| | 20 largest companies | X | X | 89.8 | X |
| | 50 largest companies | X | X | 95.5 | 1 195.7 |
| 334512 | Automatic environmental control manufacturing for residential, commercial, and appliance use | | | | |
| | All companies | 312 | 1 662 199 | 100.0 | X |
| | 4 largest companies | X | X | 48.9 | X |
| | 8 largest companies | X | X | 62.5 | X |
| | 20 largest companies | X | X | 77.5 | X |
| | 50 largest companies | X | X | 87.5 | 693.3 |
| 334513 | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables | | | | |
| | All companies | 909 | 4 321 114 | 100.0 | X |
| | 4 largest companies | X | X | 25.0 | X |
| | 8 largest companies | X | X | 33.9 | X |
| | 20 largest companies | X | X | 47.7 | X |
| | 50 largest companies | X | X | 64.4 | 249.6 |
| 334514 | Totalizing fluid meter and counting device manufacturing | | | | |
| | All companies | 220 | 1 969 887 | 100.0 | X |
| | 4 largest companies | X | X | 48.1 | X |
| | 8 largest companies | X | X | 63.1 | X |
| | 20 largest companies | X | X | 81.4 | X |
| | 50 largest companies | X | X | 93.9 | 849.6 |
| 334515 | Instrument manufacturing for measuring and testing electricity and electrical signals | | | | |
| | All companies | 733 | 6 010 197 | 100.0 | X |
| | 4 largest companies | X | X | 37.4 | X |
| | 8 largest companies | X | X | 51.0 | X |
| | 20 largest companies | X | X | 63.7 | X |
| | 50 largest companies | X | X | 77.1 | 505.5 |
| 334516 | Analytical laboratory instrument manufacturing | | | | |
| | All companies | 526 | 4 958 699 | 100.0 | X |
| | 4 largest companies | X | X | 36.9 | X |
| | 8 largest companies | X | X | 50.4 | X |
| | 20 largest companies | X | X | 67.8 | X |
| | 50 largest companies | X | X | 82.2 | 452.9 |
| 334517 | Irradiation apparatus manufacturing | | | | |
| | All companies | 154 | 2 516 308 | 100.0 | X |
| | 4 largest companies | X | X | 49.1 | X |
| | 8 largest companies | X | X | 72.3 | X |
| | 20 largest companies | X | X | 87.7 | X |
| | 50 largest companies | X | X | 96.5 | 819.6 |
| 334518 | Watch, clock, and part manufacturing | | | | |
| | All companies | 123 | 408 301 | 100.0 | X |
| | 4 largest companies | X | X | 54.3 | X |
| | 8 largest companies | X | X | 64.8 | X |
| | 20 largest companies | X | X | 85.5 | X |
| | 50 largest companies | X | X | 98.0 | 1 287.2 |
| 334519 | Other measuring and controlling device manufacturing | | | | |
| | All companies | 793 | 3 638 935 | 100.0 | X |
| | 4 largest companies | X | X | 19.2 | X |
| | 8 largest companies | X | X | 29.4 | X |
| | 20 largest companies | X | X | 47.0 | X |
| | 50 largest companies | X | X | 65.1 | 162.2 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added ² (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|------------------------------------|------------------------------------|--|
| 334 | Computer and electronic product manufacturing—Con. | | | | |
| 3346 | Manufacturing and reproducing magnetic and optical media | | | | |
| | All companies | 893 | 4 656 324 | 100.0 | X |
| | 4 largest companies | X | X | 41.4 | X |
| | 8 largest companies | X | X | 54.6 | X |
| | 20 largest companies | X | X | 68.1 | X |
| | 50 largest companies | X | X | 80.5 | 512.2 |
| 33461 | Manufacturing and reproducing magnetic and optical media | | | | |
| | All companies | 893 | 4 656 324 | 100.0 | X |
| | 4 largest companies | X | X | 41.4 | X |
| | 8 largest companies | X | X | 54.6 | X |
| | 20 largest companies | X | X | 68.1 | X |
| | 50 largest companies | X | X | 80.5 | 512.2 |
| 334611 | Software reproducing | | | | |
| | All companies | 189 | 290 470 | 100.0 | X |
| | 4 largest companies | X | X | 34.1 | X |
| | 8 largest companies | X | X | 50.1 | X |
| | 20 largest companies | X | X | 68.5 | X |
| | 50 largest companies | X | X | 84.1 | 412.4 |
| 334612 | Prerecorded compact disc (except software), tape, and record reproducing | | | | |
| | All companies | 538 | 2 887 709 | 100.0 | X |
| | 4 largest companies | X | X | 39.5 | X |
| | 8 largest companies | X | X | 52.1 | X |
| | 20 largest companies | X | X | 69.3 | X |
| | 50 largest companies | X | X | 83.4 | 541.9 |
| 334613 | Magnetic and optical recording media manufacturing | | | | |
| | All companies | 169 | 1 478 145 | 100.0 | X |
| | 4 largest companies | X | X | 83.8 | X |
| | 8 largest companies | X | X | 88.6 | X |
| | 20 largest companies | X | X | 94.6 | X |
| | 50 largest companies | X | X | 98.0 | 2 645.8 |
| 335 | Electrical equipment, appliance, and component manufacturing | | | | |
| | All companies | 5 498 | 52 836 934 | 100.0 | X |
| | 4 largest companies | X | X | 15.5 | X |
| | 8 largest companies | X | X | 24.8 | X |
| | 20 largest companies | X | X | 37.9 | X |
| | 50 largest companies | X | X | 51.5 | 106.3 |
| 3351 | Electric lighting equipment manufacturing | | | | |
| | All companies | 1 130 | 7 092 620 | 100.0 | X |
| | 4 largest companies | X | X | 32.2 | X |
| | 8 largest companies | X | X | 47.9 | X |
| | 20 largest companies | X | X | 58.7 | X |
| | 50 largest companies | X | X | 69.7 | 354.8 |
| 33511 | Electric lamp bulb and part manufacturing | | | | |
| | All companies | 57 | 1 750 630 | 100.0 | X |
| | 4 largest companies | X | X | 89.6 | X |
| | 8 largest companies | X | X | 94.3 | X |
| | 20 largest companies | X | X | 98.2 | X |
| | 50 largest companies | X | X | 99.9 | 2 848.0 |
| 335110 | Electric lamp bulb and part manufacturing | | | | |
| | All companies | 57 | 1 750 630 | 100.0 | X |
| | 4 largest companies | X | X | 89.6 | X |
| | 8 largest companies | X | X | 94.3 | X |
| | 20 largest companies | X | X | 98.2 | X |
| | 50 largest companies | X | X | 99.9 | 2 848.0 |
| 33512 | Lighting fixture manufacturing | | | | |
| | All companies | 1 077 | 5 341 990 | 100.0 | X |
| | 4 largest companies | X | X | 29.2 | X |
| | 8 largest companies | X | X | 38.2 | X |
| | 20 largest companies | X | X | 50.1 | X |
| | 50 largest companies | X | X | 63.5 | 271.4 |
| 335121 | Residential electric lighting fixture manufacturing | | | | |
| | All companies | 470 | 1 274 114 | 100.0 | X |
| | 4 largest companies | X | X | 32.4 | X |
| | 8 largest companies | X | X | 41.5 | X |
| | 20 largest companies | X | X | 56.1 | X |
| | 50 largest companies | X | X | 74.7 | 395.8 |
| 335122 | Commercial, industrial, and institutional electric lighting fixture manufacturing | | | | |
| | All companies | 324 | 2 055 014 | 100.0 | X |
| | 4 largest companies | X | X | 48.7 | X |
| | 8 largest companies | X | X | 55.6 | X |
| | 20 largest companies | X | X | 67.4 | X |
| | 50 largest companies | X | X | 82.6 | 744.1 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added ² (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|------------------------------------|------------------------------------|--|
| 335 | Electrical equipment, appliance, and component manufacturing—Con. | | | | |
| 3351 | Electric lighting equipment manufacturing—Con. | | | | |
| 33512 | Lighting fixture manufacturing—Con. | | | | |
| 335129 | Other lighting equipment manufacturing | | | | |
| | All companies | 300 | 2 012 862 | 100.0 | X |
| | 4 largest companies | X | X | 27.6 | X |
| | 8 largest companies | X | X | 41.6 | X |
| | 20 largest companies | X | X | 61.6 | X |
| | 50 largest companies | X | X | 82.1 | 331.8 |
| 3352 | Household appliance manufacturing | | | | |
| | All companies | 251 | 10 022 841 | 100.0 | X |
| | 4 largest companies | X | X | 57.6 | X |
| | 8 largest companies | X | X | 67.4 | X |
| | 20 largest companies | X | X | 84.1 | X |
| | 50 largest companies | X | X | 95.8 | 1 131.9 |
| 33521 | Small electrical appliance manufacturing | | | | |
| | All companies | 117 | 2 495 574 | 100.0 | X |
| | 4 largest companies | X | X | 48.1 | X |
| | 8 largest companies | X | X | 67.6 | X |
| | 20 largest companies | X | X | 90.8 | X |
| | 50 largest companies | X | X | 99.1 | 835.1 |
| 335211 | Electric housewares and household fan manufacturing | | | | |
| | All companies | 88 | 1 426 074 | 100.0 | X |
| | 4 largest companies | X | X | 55.7 | X |
| | 8 largest companies | X | X | 75.0 | X |
| | 20 largest companies | X | X | 94.7 | X |
| | 50 largest companies | X | X | 99.6 | 1 020.5 |
| 335212 | Household vacuum cleaner manufacturing | | | | |
| | All companies | 29 | 1 069 500 | 100.0 | X |
| | 4 largest companies | X | X | 83.4 | X |
| | 8 largest companies | X | X | 96.6 | X |
| | 20 largest companies | X | X | 99.9 | X |
| | 50 largest companies | X | X | 100.0 | 2 732.9 |
| 33522 | Major appliance manufacturing | | | | |
| | All companies | 139 | 7 527 267 | 100.0 | X |
| | 4 largest companies | X | X | 65.5 | X |
| | 8 largest companies | X | X | 76.8 | X |
| | 20 largest companies | X | X | 92.4 | X |
| | 50 largest companies | X | X | 99.1 | 1 499.2 |
| 335221 | Household cooking appliance manufacturing | | | | |
| | All companies | 92 | 1 549 780 | 100.0 | X |
| | 4 largest companies | X | X | 46.5 | X |
| | 8 largest companies | X | X | 72.6 | X |
| | 20 largest companies | X | X | 94.2 | X |
| | 50 largest companies | X | X | 99.7 | 782.2 |
| 335222 | Household refrigerator and home freezer manufacturing | | | | |
| | All companies | 18 | 2 222 439 | 100.0 | X |
| | 4 largest companies | X | X | 82.0 | X |
| | 8 largest companies | X | X | 95.6 | X |
| | 20 largest companies | X | X | 100.0 | 2 106.6 |
| | 50 largest companies | X | X | — | — |
| 335224 | Household laundry equipment manufacturing | | | | |
| | All companies | 13 | 1 908 531 | 100.0 | X |
| | 4 largest companies | X | X | 93.8 | X |
| | 8 largest companies | X | X | 99.9 | X |
| | 20 largest companies | X | X | 100.0 | D |
| | 50 largest companies | X | X | — | — |
| 335228 | Other major household appliance manufacturing | | | | |
| | All companies | 32 | 1 846 517 | 100.0 | X |
| | 4 largest companies | X | X | 55.4 | X |
| | 8 largest companies | X | X | 84.7 | X |
| | 20 largest companies | X | X | 99.4 | X |
| | 50 largest companies | X | X | 100.0 | 1 101.6 |
| 3353 | Electrical equipment manufacturing | | | | |
| | All companies | 2 188 | 16 582 869 | 100.0 | X |
| | 4 largest companies | X | X | 26.1 | X |
| | 8 largest companies | X | X | 39.2 | X |
| | 20 largest companies | X | X | 54.0 | X |
| | 50 largest companies | X | X | 67.2 | 245.3 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 335 | Electrical equipment, appliance, and component manufacturing—Con. | | | | |
| 3353 | Electrical equipment manufacturing—Con. | | | | |
| 33531 | Electrical equipment manufacturing | | | | |
| | All companies | 2 188 | 16 582 869 | 100.0 | X |
| | 4 largest companies | X | X | 26.1 | X |
| | 8 largest companies | X | X | 39.2 | X |
| | 20 largest companies | X | X | 54.0 | X |
| | 50 largest companies | X | X | 67.2 | 245.3 |
| 335311 | Power, distribution, and specialty transformer manufacturing | | | | |
| | All companies | 259 | 2 046 610 | 100.0 | X |
| | 4 largest companies | X | X | 40.7 | X |
| | 8 largest companies | X | X | 56.3 | X |
| | 20 largest companies | X | X | 74.1 | X |
| | 50 largest companies | X | X | 88.3 | 599.0 |
| 335312 | Motor and generator manufacturing | | | | |
| | All companies | 478 | 4 782 748 | 100.0 | X |
| | 4 largest companies | X | X | 26.4 | X |
| | 8 largest companies | X | X | 42.6 | X |
| | 20 largest companies | X | X | 66.5 | X |
| | 50 largest companies | X | X | 83.2 | 333.4 |
| 335313 | Switchgear and switchboard apparatus manufacturing | | | | |
| | All companies | 450 | 4 543 576 | 100.0 | X |
| | 4 largest companies | X | X | 49.5 | X |
| | 8 largest companies | X | X | 63.8 | X |
| | 20 largest companies | X | X | 79.5 | X |
| | 50 largest companies | X | X | 88.3 | 820.2 |
| 335314 | Relay and industrial control manufacturing | | | | |
| | All companies | 1 058 | 5 209 935 | 100.0 | X |
| | 4 largest companies | X | X | 37.7 | X |
| | 8 largest companies | X | X | 47.7 | X |
| | 20 largest companies | X | X | 57.8 | X |
| | 50 largest companies | X | X | 69.3 | 544.8 |
| 3359 | Other electrical equipment and component manufacturing | | | | |
| | All companies | 2 008 | 19 138 604 | 100.0 | X |
| | 4 largest companies | X | X | 11.7 | X |
| | 8 largest companies | X | X | 20.0 | X |
| | 20 largest companies | X | X | 35.3 | X |
| | 50 largest companies | X | X | 56.2 | 87.6 |
| 33591 | Battery manufacturing | | | | |
| | All companies | 125 | 3 261 888 | 100.0 | X |
| | 4 largest companies | X | X | 55.0 | X |
| | 8 largest companies | X | X | 76.5 | X |
| | 20 largest companies | X | X | 92.9 | X |
| | 50 largest companies | X | X | 98.7 | 958.4 |
| 335911 | Storage battery manufacturing | | | | |
| | All companies | 94 | 1 527 656 | 100.0 | X |
| | 4 largest companies | X | X | 61.2 | X |
| | 8 largest companies | X | X | 79.8 | X |
| | 20 largest companies | X | X | 91.8 | X |
| | 50 largest companies | X | X | 99.0 | 1 130.6 |
| 335912 | Primary battery manufacturing | | | | |
| | All companies | 33 | 1 734 232 | 100.0 | X |
| | 4 largest companies | X | X | 89.9 | X |
| | 8 largest companies | X | X | 98.2 | X |
| | 20 largest companies | X | X | 99.8 | X |
| | 50 largest companies | X | X | 100.0 | 2 506.7 |
| 33592 | Communication and energy wire and cable manufacturing | | | | |
| | All companies | 340 | 4 668 840 | 100.0 | X |
| | 4 largest companies | X | X | 27.6 | X |
| | 8 largest companies | X | X | 42.3 | X |
| | 20 largest companies | X | X | 67.8 | X |
| | 50 largest companies | X | X | 85.7 | 319.8 |
| 335921 | Fiber optic cable manufacturing | | | | |
| | All companies | 91 | 675 829 | 100.0 | X |
| | 4 largest companies | X | X | 66.9 | X |
| | 8 largest companies | X | X | 77.9 | X |
| | 20 largest companies | X | X | 88.4 | X |
| | 50 largest companies | X | X | 98.4 | 1 517.2 |
| 335929 | Other communication and energy wire manufacturing | | | | |
| | All companies | 259 | 3 993 011 | 100.0 | X |
| | 4 largest companies | X | X | 28.1 | X |
| | 8 largest companies | X | X | 44.2 | X |
| | 20 largest companies | X | X | 69.4 | X |
| | 50 largest companies | X | X | 87.5 | 338.9 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 335 | Electrical equipment, appliance, and component manufacturing—Con. | | | | |
| 3359 | Other electrical equipment and component manufacturing—Con. | | | | |
| 33593 | Wiring device manufacturing | | | | |
| | All companies | 517 | 6 202 926 | 100.0 | X |
| | 4 largest companies | X | X | 23.1 | X |
| | 8 largest companies | X | X | 37.9 | X |
| | 20 largest companies | X | X | 61.1 | X |
| | 50 largest companies | X | X | 81.6 | 267.8 |
| 335931 | Current-carrying wiring device manufacturing | | | | |
| | All companies | 396 | 3 970 216 | 100.0 | X |
| | 4 largest companies | X | X | 28.9 | X |
| | 8 largest companies | X | X | 45.8 | X |
| | 20 largest companies | X | X | 67.1 | X |
| | 50 largest companies | X | X | 83.6 | 373.1 |
| 335932 | Noncurrent-carrying wiring device manufacturing | | | | |
| | All companies | 132 | 2 232 710 | 100.0 | X |
| | 4 largest companies | X | X | 39.4 | X |
| | 8 largest companies | X | X | 58.5 | X |
| | 20 largest companies | X | X | 85.8 | X |
| | 50 largest companies | X | X | 97.9 | 562.9 |
| 33599 | All other electrical equipment and component manufacturing | | | | |
| | All companies | 1 050 | 5 004 950 | 100.0 | X |
| | 4 largest companies | X | X | 15.9 | X |
| | 8 largest companies | X | X | 27.3 | X |
| | 20 largest companies | X | X | 45.2 | X |
| | 50 largest companies | X | X | 62.6 | 136.7 |
| 335991 | Carbon and graphite product manufacturing | | | | |
| | All companies | 107 | 933 649 | 100.0 | X |
| | 4 largest companies | X | X | 41.1 | X |
| | 8 largest companies | X | X | 61.8 | X |
| | 20 largest companies | X | X | 81.8 | X |
| | 50 largest companies | X | X | 96.4 | 608.3 |
| 335999 | All other miscellaneous electrical equipment and component manufacturing | | | | |
| | All companies | 943 | 4 071 301 | 100.0 | X |
| | 4 largest companies | X | X | 19.6 | X |
| | 8 largest companies | X | X | 33.4 | X |
| | 20 largest companies | X | X | 49.4 | X |
| | 50 largest companies | X | X | 65.5 | 177.8 |
| 336 | Transportation equipment manufacturing | | | | |
| | All companies | 10 518 | 253 407 335 | 100.0 | X |
| | 4 largest companies | X | X | 36.0 | X |
| | 8 largest companies | X | X | 48.1 | X |
| | 20 largest companies | X | X | 63.4 | X |
| | 50 largest companies | X | X | 74.0 | 526.9 |
| 3361 | Motor vehicle manufacturing | | | | |
| | All companies | 308 | 72 090 305 | 100.0 | X |
| | 4 largest companies | X | X | 85.0 | X |
| | 8 largest companies | X | X | 94.1 | X |
| | 20 largest companies | X | X | 98.9 | X |
| | 50 largest companies | X | X | 99.7 | D |
| 33611 | Automobile and light duty motor vehicle manufacturing | | | | |
| | All companies | 228 | 69 102 589 | 100.0 | X |
| | 4 largest companies | X | X | 88.1 | X |
| | 8 largest companies | X | X | 97.5 | X |
| | 20 largest companies | X | X | 99.6 | X |
| | 50 largest companies | X | X | 99.9 | D |
| 336111 | Automobile manufacturing | | | | |
| | All companies | 164 | 28 494 682 | 100.0 | X |
| | 4 largest companies | X | X | 87.3 | X |
| | 8 largest companies | X | X | 96.7 | X |
| | 20 largest companies | X | X | 99.4 | X |
| | 50 largest companies | X | X | 99.9 | 2 754.0 |
| 336112 | Light truck and utility vehicle manufacturing | | | | |
| | All companies | 69 | 40 607 907 | 100.0 | X |
| | 4 largest companies | X | X | 96.7 | X |
| | 8 largest companies | X | X | 99.9 | X |
| | 20 largest companies | X | X | 99.9 | X |
| | 50 largest companies | X | X | 99.9 | D |
| 33612 | Heavy duty truck manufacturing | | | | |
| | All companies | 81 | 2 987 716 | 100.0 | X |
| | 4 largest companies | X | X | 69.1 | X |
| | 8 largest companies | X | X | 88.1 | X |
| | 20 largest companies | X | X | 97.6 | X |
| | 50 largest companies | X | X | 99.9 | 1 444.1 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 336 | Transportation equipment manufacturing—Con. | | | | |
| 3361 | Motor vehicle manufacturing—Con. | | | | |
| 33612 | Heavy duty truck manufacturing—Con. | | | | |
| 336120 | Heavy duty truck manufacturing | | | | |
| | All companies | 81 | 2 987 716 | 100.0 | X |
| | 4 largest companies | X | X | 69.1 | X |
| | 8 largest companies | X | X | 88.1 | X |
| | 20 largest companies | X | X | 97.6 | X |
| | 50 largest companies | X | X | 99.9 | 1 444.1 |
| 3362 | Motor vehicle body and trailer manufacturing | | | | |
| | All companies | 1 915 | 8 816 510 | 100.0 | X |
| | 4 largest companies | X | X | 19.1 | X |
| | 8 largest companies | X | X | 28.2 | X |
| | 20 largest companies | X | X | 46.6 | X |
| | 50 largest companies | X | X | 60.1 | 151.6 |
| 33621 | Motor vehicle body and trailer manufacturing | | | | |
| | All companies | 1 915 | 8 816 510 | 100.0 | X |
| | 4 largest companies | X | X | 19.1 | X |
| | 8 largest companies | X | X | 28.2 | X |
| | 20 largest companies | X | X | 46.6 | X |
| | 50 largest companies | X | X | 60.1 | 151.6 |
| 336211 | Motor vehicle body manufacturing | | | | |
| | All companies | 760 | 2 773 610 | 100.0 | X |
| | 4 largest companies | X | X | 21.7 | X |
| | 8 largest companies | X | X | 30.5 | X |
| | 20 largest companies | X | X | 47.4 | X |
| | 50 largest companies | X | X | 64.9 | 184.4 |
| 336212 | Truck trailer manufacturing | | | | |
| | All companies | 363 | 1 489 087 | 100.0 | X |
| | 4 largest companies | X | X | 43.9 | X |
| | 8 largest companies | X | X | 53.1 | X |
| | 20 largest companies | X | X | 66.7 | X |
| | 50 largest companies | X | X | 82.9 | 616.6 |
| 336213 | Motor home manufacturing | | | | |
| | All companies | 83 | 1 928 258 | 100.0 | X |
| | 4 largest companies | X | X | 57.0 | X |
| | 8 largest companies | X | X | 79.4 | X |
| | 20 largest companies | X | X | 95.5 | X |
| | 50 largest companies | X | X | 99.9 | 1 051.2 |
| 336214 | Travel trailer and camper manufacturing | | | | |
| | All companies | 733 | 2 625 555 | 100.0 | X |
| | 4 largest companies | X | X | 36.2 | X |
| | 8 largest companies | X | X | 43.9 | X |
| | 20 largest companies | X | X | 56.5 | X |
| | 50 largest companies | X | X | 71.1 | 419.8 |
| 3363 | Motor vehicle parts manufacturing | | | | |
| | All companies | 4 565 | 86 621 620 | 100.0 | X |
| | 4 largest companies | X | X | 29.9 | X |
| | 8 largest companies | X | X | 39.7 | X |
| | 20 largest companies | X | X | 54.4 | X |
| | 50 largest companies | X | X | 65.9 | 304.4 |
| 33631 | Motor vehicle gasoline engine and engine parts manufacturing | | | | |
| | All companies | 940 | 12 347 505 | 100.0 | X |
| | 4 largest companies | X | X | 44.3 | X |
| | 8 largest companies | X | X | 58.6 | X |
| | 20 largest companies | X | X | 77.5 | X |
| | 50 largest companies | X | X | 88.9 | 600.1 |
| 336311 | Carburetor, piston, piston ring, and valve manufacturing | | | | |
| | All companies | 113 | 1 378 204 | 100.0 | X |
| | 4 largest companies | X | X | 63.1 | X |
| | 8 largest companies | X | X | 84.1 | X |
| | 20 largest companies | X | X | 92.8 | X |
| | 50 largest companies | X | X | 98.4 | 1 205.4 |
| 336312 | Gasoline engine and engine parts manufacturing | | | | |
| | All companies | 835 | 10 969 301 | 100.0 | X |
| | 4 largest companies | X | X | 49.9 | X |
| | 8 largest companies | X | X | 64.7 | X |
| | 20 largest companies | X | X | 79.5 | X |
| | 50 largest companies | X | X | 90.5 | 725.1 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 336 | Transportation equipment manufacturing—Con. | | | | |
| 3363 | Motor vehicle parts manufacturing—Con. | | | | |
| 33632 | Motor vehicle electrical and electronic equipment manufacturing | | | | |
| | All companies | 786 | 12 909 751 | 100.0 | X |
| | 4 largest companies | X | X | 46.0 | X |
| | 8 largest companies | X | X | 57.4 | X |
| | 20 largest companies | X | X | 72.0 | X |
| | 50 largest companies | X | X | 84.7 | 1 048.8 |
| 336321 | Vehicular lighting equipment manufacturing | | | | |
| | All companies | 91 | 1 735 033 | 100.0 | X |
| | 4 largest companies | X | X | 49.1 | X |
| | 8 largest companies | X | X | 73.7 | X |
| | 20 largest companies | X | X | 91.7 | X |
| | 50 largest companies | X | X | 99.2 | 838.2 |
| 336322 | Other motor vehicle electrical and electronic equipment manufacturing | | | | |
| | All companies | 702 | 11 174 718 | 100.0 | X |
| | 4 largest companies | X | X | 50.5 | X |
| | 8 largest companies | X | X | 63.3 | X |
| | 20 largest companies | X | X | 76.7 | X |
| | 50 largest companies | X | X | 86.8 | 1 352.5 |
| 33633 | Motor vehicle steering and suspension component (except spring) manufacturing | | | | |
| | All companies | 199 | 4 984 666 | 100.0 | X |
| | 4 largest companies | X | X | 53.9 | X |
| | 8 largest companies | X | X | 65.8 | X |
| | 20 largest companies | X | X | 83.6 | X |
| | 50 largest companies | X | X | 96.4 | 1 316.4 |
| 336330 | Motor vehicle steering and suspension component (except spring) manufacturing | | | | |
| | All companies | 199 | 4 984 666 | 100.0 | X |
| | 4 largest companies | X | X | 53.9 | X |
| | 8 largest companies | X | X | 65.8 | X |
| | 20 largest companies | X | X | 83.6 | X |
| | 50 largest companies | X | X | 96.4 | 1 316.4 |
| 33634 | Motor vehicle brake system manufacturing | | | | |
| | All companies | 210 | 5 868 521 | 100.0 | X |
| | 4 largest companies | X | X | 53.3 | X |
| | 8 largest companies | X | X | 64.9 | X |
| | 20 largest companies | X | X | 82.8 | X |
| | 50 largest companies | X | X | 95.5 | 958.0 |
| 336340 | Motor vehicle brake system manufacturing | | | | |
| | All companies | 210 | 5 868 521 | 100.0 | X |
| | 4 largest companies | X | X | 53.3 | X |
| | 8 largest companies | X | X | 64.9 | X |
| | 20 largest companies | X | X | 82.8 | X |
| | 50 largest companies | X | X | 95.5 | 958.0 |
| 33635 | Motor vehicle transmission and power train parts manufacturing | | | | |
| | All companies | 434 | 14 407 007 | 100.0 | X |
| | 4 largest companies | X | X | 51.0 | X |
| | 8 largest companies | X | X | 71.5 | X |
| | 20 largest companies | X | X | 85.5 | X |
| | 50 largest companies | X | X | 94.3 | 838.3 |
| 336350 | Motor vehicle transmission and power train parts manufacturing | | | | |
| | All companies | 434 | 14 407 007 | 100.0 | X |
| | 4 largest companies | X | X | 51.0 | X |
| | 8 largest companies | X | X | 71.5 | X |
| | 20 largest companies | X | X | 85.5 | X |
| | 50 largest companies | X | X | 94.3 | 838.3 |
| 33636 | Motor vehicle seating and interior trim manufacturing | | | | |
| | All companies | 294 | 4 793 368 | 100.0 | X |
| | 4 largest companies | X | X | 56.9 | X |
| | 8 largest companies | X | X | 64.9 | X |
| | 20 largest companies | X | X | 78.0 | X |
| | 50 largest companies | X | X | 91.8 | 1 199.2 |
| 336360 | Motor vehicle seating and interior trim manufacturing | | | | |
| | All companies | 294 | 4 793 368 | 100.0 | X |
| | 4 largest companies | X | X | 56.9 | X |
| | 8 largest companies | X | X | 64.9 | X |
| | 20 largest companies | X | X | 78.0 | X |
| | 50 largest companies | X | X | 91.8 | 1 199.2 |
| 33637 | Motor vehicle metal stamping | | | | |
| | All companies | 673 | 12 508 768 | 100.0 | X |
| | 4 largest companies | X | X | 44.0 | X |
| | 8 largest companies | X | X | 50.8 | X |
| | 20 largest companies | X | X | 59.1 | X |
| | 50 largest companies | X | X | 71.0 | 684.0 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 336 | Transportation equipment manufacturing—Con. | | | | |
| 3363 | Motor vehicle parts manufacturing—Con. | | | | |
| 33637 | Motor vehicle metal stamping—Con. | | | | |
| 336370 | Motor vehicle metal stamping | | | | |
| | All companies | 673 | 12 508 768 | 100.0 | X |
| | 4 largest companies | X | X | 44.0 | X |
| | 8 largest companies | X | X | 50.8 | X |
| | 20 largest companies | X | X | 59.1 | X |
| | 50 largest companies | X | X | 71.0 | 684.0 |
| 33639 | Other motor vehicle parts manufacturing | | | | |
| | All companies | 1 257 | 18 802 034 | 100.0 | X |
| | 4 largest companies | X | X | 21.7 | X |
| | 8 largest companies | X | X | 31.7 | X |
| | 20 largest companies | X | X | 49.4 | X |
| | 50 largest companies | X | X | 68.0 | 200.6 |
| 336391 | Motor vehicle air-conditioning manufacturing | | | | |
| | All companies | 75 | 2 757 617 | 100.0 | X |
| | 4 largest companies | X | X | 80.1 | X |
| | 8 largest companies | X | X | 92.6 | X |
| | 20 largest companies | X | X | 98.6 | X |
| | 50 largest companies | X | X | 99.9 | 1 741.5 |
| 336399 | All other motor vehicle parts manufacturing | | | | |
| | All companies | 1 188 | 16 044 417 | 100.0 | X |
| | 4 largest companies | X | X | 17.7 | X |
| | 8 largest companies | X | X | 28.5 | X |
| | 20 largest companies | X | X | 46.1 | X |
| | 50 largest companies | X | X | 65.5 | 150.9 |
| 3364 | Aerospace product and parts manufacturing | | | | |
| | All companies | 1 260 | 64 151 931 | 100.0 | X |
| | 4 largest companies | X | X | 57.1 | X |
| | 8 largest companies | X | X | 76.3 | X |
| | 20 largest companies | X | X | 88.2 | X |
| | 50 largest companies | X | X | 93.1 | 1 206.5 |
| 33641 | Aerospace product and parts manufacturing | | | | |
| | All companies | 1 260 | 64 151 931 | 100.0 | X |
| | 4 largest companies | X | X | 57.1 | X |
| | 8 largest companies | X | X | 76.3 | X |
| | 20 largest companies | X | X | 88.2 | X |
| | 50 largest companies | X | X | 93.1 | 1 206.5 |
| 336411 | Aircraft manufacturing | | | | |
| | All companies | 184 | 29 557 132 | 100.0 | X |
| | 4 largest companies | X | X | 80.2 | X |
| | 8 largest companies | X | X | 94.6 | X |
| | 20 largest companies | X | X | 98.0 | X |
| | 50 largest companies | X | X | 99.7 | 2 947.6 |
| 336412 | Aircraft engine and engine parts manufacturing | | | | |
| | All companies | 296 | 11 669 394 | 100.0 | X |
| | 4 largest companies | X | X | 73.8 | X |
| | 8 largest companies | X | X | 80.3 | X |
| | 20 largest companies | X | X | 88.3 | X |
| | 50 largest companies | X | X | 94.5 | 2 102.3 |
| 336413 | Other aircraft parts and auxiliary equipment manufacturing | | | | |
| | All companies | 760 | 13 206 348 | 100.0 | X |
| | 4 largest companies | X | X | 56.2 | X |
| | 8 largest companies | X | X | 72.1 | X |
| | 20 largest companies | X | X | 82.3 | X |
| | 50 largest companies | X | X | 89.8 | 950.0 |
| 336414 | Guided missile and space vehicle manufacturing | | | | |
| | All companies | 13 | 7 222 394 | 100.0 | X |
| | 4 largest companies | X | X | 95.3 | X |
| | 8 largest companies | X | X | 99.9 | X |
| | 20 largest companies | X | X | 100.0 | D |
| | 50 largest companies | X | X | — | — |
| 336415 | Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing | | | | |
| | All companies | 16 | 1 848 076 | 100.0 | X |
| | 4 largest companies | X | X | 92.3 | X |
| | 8 largest companies | X | X | 99.2 | X |
| | 20 largest companies | X | X | 100.0 | D |
| | 50 largest companies | X | X | — | — |
| 336419 | Other guided missile and space vehicle parts and auxiliary equipment manufacturing | | | | |
| | All companies | 51 | 648 587 | 100.0 | X |
| | 4 largest companies | X | X | 64.5 | X |
| | 8 largest companies | X | X | 77.0 | X |
| | 20 largest companies | X | X | 95.6 | X |
| | 50 largest companies | X | X | D | 2 515.4 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 336 | Transportation equipment manufacturing—Con. | | | | |
| 3365 | Railroad rolling stock manufacturing | | | | |
| | All companies | 147 | 3 776 018 | 100.0 | X |
| | 4 largest companies | X | X | 54.7 | X |
| | 8 largest companies | X | X | 72.2 | X |
| | 20 largest companies | X | X | 90.2 | X |
| | 50 largest companies | X | X | 97.3 | 1 037.2 |
| 33651 | Railroad rolling stock manufacturing | | | | |
| | All companies | 147 | 3 776 018 | 100.0 | X |
| | 4 largest companies | X | X | 54.7 | X |
| | 8 largest companies | X | X | 72.2 | X |
| | 20 largest companies | X | X | 90.2 | X |
| | 50 largest companies | X | X | 97.3 | 1 037.2 |
| 336510 | Railroad rolling stock manufacturing | | | | |
| | All companies | 147 | 3 776 018 | 100.0 | X |
| | 4 largest companies | X | X | 54.7 | X |
| | 8 largest companies | X | X | 72.2 | X |
| | 20 largest companies | X | X | 90.2 | X |
| | 50 largest companies | X | X | 97.3 | 1 037.2 |
| 3366 | Ship and boat building | | | | |
| | All companies | 1 649 | 12 225 195 | 100.0 | X |
| | 4 largest companies | X | X | 57.2 | X |
| | 8 largest companies | X | X | 63.0 | X |
| | 20 largest companies | X | X | 70.4 | X |
| | 50 largest companies | X | X | 78.7 | 1 252.0 |
| 33661 | Ship and boat building | | | | |
| | All companies | 1 649 | 12 225 195 | 100.0 | X |
| | 4 largest companies | X | X | 57.2 | X |
| | 8 largest companies | X | X | 63.0 | X |
| | 20 largest companies | X | X | 70.4 | X |
| | 50 largest companies | X | X | 78.7 | 1 252.0 |
| 336611 | Ship building and repairing | | | | |
| | All companies | 586 | 8 390 656 | 100.0 | X |
| | 4 largest companies | X | X | 73.8 | X |
| | 8 largest companies | X | X | 78.5 | X |
| | 20 largest companies | X | X | 84.6 | X |
| | 50 largest companies | X | X | 90.7 | 2 540.0 |
| 336612 | Boat building | | | | |
| | All companies | 1 065 | 3 834 539 | 100.0 | X |
| | 4 largest companies | X | X | 38.7 | X |
| | 8 largest companies | X | X | 46.4 | X |
| | 20 largest companies | X | X | 59.1 | X |
| | 50 largest companies | X | X | 73.6 | 572.9 |
| 3369 | Other transportation equipment manufacturing | | | | |
| | All companies | 799 | 5 725 756 | 100.0 | X |
| | 4 largest companies | X | X | 48.2 | X |
| | 8 largest companies | X | X | 64.5 | X |
| | 20 largest companies | X | X | 78.8 | X |
| | 50 largest companies | X | X | 87.9 | 750.2 |
| 33699 | Other transportation equipment manufacturing | | | | |
| | All companies | 799 | 5 725 756 | 100.0 | X |
| | 4 largest companies | X | X | 48.2 | X |
| | 8 largest companies | X | X | 64.5 | X |
| | 20 largest companies | X | X | 78.8 | X |
| | 50 largest companies | X | X | 87.9 | 750.2 |
| 336991 | Motorcycle, bicycle, and parts manufacturing | | | | |
| | All companies | 348 | 2 245 145 | 100.0 | X |
| | 4 largest companies | X | X | 67.0 | X |
| | 8 largest companies | X | X | 74.5 | X |
| | 20 largest companies | X | X | 83.8 | X |
| | 50 largest companies | X | X | 91.8 | 1 866.9 |
| 336992 | Military armored vehicle, tank, and tank component manufacturing | | | | |
| | All companies | 31 | 811 337 | 100.0 | X |
| | 4 largest companies | X | X | 88.9 | X |
| | 8 largest companies | X | X | 93.3 | X |
| | 20 largest companies | X | X | 99.1 | X |
| | 50 largest companies | X | X | 100.0 | D |
| 336999 | All other transportation equipment manufacturing | | | | |
| | All companies | 424 | 2 669 274 | 100.0 | X |
| | 4 largest companies | X | X | 59.9 | X |
| | 8 largest companies | X | X | 77.0 | X |
| | 20 largest companies | X | X | 87.2 | X |
| | 50 largest companies | X | X | 95.1 | 1 643.3 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|---------------|--|------------------------|-----------------------|------------------------------------|--|
| 337 | Furniture and related product manufacturing | | | | |
| | All companies | 21 523 | 42 882 349 | 100.0 | X |
| | 4 largest companies | X | X | 10.7 | X |
| | 8 largest companies | X | X | 18.4 | X |
| | 20 largest companies | X | X | 28.5 | X |
| | 50 largest companies | X | X | 39.6 | 57.0 |
| 3371 | Household and institutional furniture and kitchen cabinet manufacturing | | | | |
| | All companies | 16 475 | 24 961 445 | 100.0 | X |
| | 4 largest companies | X | X | 16.6 | X |
| | 8 largest companies | X | X | 22.6 | X |
| | 20 largest companies | X | X | 32.2 | X |
| | 50 largest companies | X | X | 43.2 | 92.3 |
| 33711 | Wood kitchen cabinet and countertop manufacturing | | | | |
| | All companies | 9 452 | 8 586 792 | 100.0 | X |
| | 4 largest companies | X | X | 27.7 | X |
| | 8 largest companies | X | X | 33.4 | X |
| | 20 largest companies | X | X | 41.1 | X |
| | 50 largest companies | X | X | 48.7 | 290.9 |
| 337110 | Wood kitchen cabinet and countertop manufacturing | | | | |
| | All companies | 9 452 | 8 586 792 | 100.0 | X |
| | 4 largest companies | X | X | 27.7 | X |
| | 8 largest companies | X | X | 33.4 | X |
| | 20 largest companies | X | X | 41.1 | X |
| | 50 largest companies | X | X | 48.7 | 290.9 |
| 33712 | Household and institutional furniture manufacturing | | | | |
| | All companies | 7 034 | 16 374 653 | 100.0 | X |
| | 4 largest companies | X | X | 18.7 | X |
| | 8 largest companies | X | X | 25.6 | X |
| | 20 largest companies | X | X | 37.7 | X |
| | 50 largest companies | X | X | 49.6 | 135.9 |
| 337121 | Upholstered household furniture manufacturing | | | | |
| | All companies | 1 679 | 5 240 058 | 100.0 | X |
| | 4 largest companies | X | X | 33.3 | X |
| | 8 largest companies | X | X | 41.2 | X |
| | 20 largest companies | X | X | 53.2 | X |
| | 50 largest companies | X | X | 66.2 | 405.2 |
| 337122 | Nonupholstered wood household furniture manufacturing | | | | |
| | All companies | 3 975 | 6 618 933 | 100.0 | X |
| | 4 largest companies | X | X | 23.7 | X |
| | 8 largest companies | X | X | 35.7 | X |
| | 20 largest companies | X | X | 52.1 | X |
| | 50 largest companies | X | X | 63.7 | 226.7 |
| 337124 | Metal household furniture manufacturing | | | | |
| | All companies | 353 | 1 025 481 | 100.0 | X |
| | 4 largest companies | X | X | 24.8 | X |
| | 8 largest companies | X | X | 38.5 | X |
| | 20 largest companies | X | X | 61.2 | X |
| | 50 largest companies | X | X | 83.3 | 272.3 |
| 337125 | Household furniture (except wood and metal) manufacturing | | | | |
| | All companies | 178 | 530 618 | 100.0 | X |
| | 4 largest companies | X | X | 68.0 | X |
| | 8 largest companies | X | X | 79.9 | X |
| | 20 largest companies | X | X | 89.1 | X |
| | 50 largest companies | X | X | 96.5 | 2 912.5 |
| 337127 | Institutional furniture manufacturing | | | | |
| | All companies | 693 | 2 706 764 | 100.0 | X |
| | 4 largest companies | X | X | 22.1 | X |
| | 8 largest companies | X | X | 30.3 | X |
| | 20 largest companies | X | X | 44.1 | X |
| | 50 largest companies | X | X | 63.8 | 185.1 |
| 337129 | Wood television, radio, and sewing machine cabinet manufacturing | | | | |
| | All companies | 201 | 252 799 | 100.0 | X |
| | 4 largest companies | X | X | 66.6 | X |
| | 8 largest companies | X | X | 77.0 | X |
| | 20 largest companies | X | X | 85.5 | X |
| | 50 largest companies | X | X | 93.7 | 1 539.7 |
| 3372 | Office furniture (including fixtures) manufacturing | | | | |
| | All companies | 4 129 | 13 801 861 | 100.0 | X |
| | 4 largest companies | X | X | 25.8 | X |
| | 8 largest companies | X | X | 33.9 | X |
| | 20 largest companies | X | X | 42.1 | X |
| | 50 largest companies | X | X | 50.3 | 196.0 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 337 | Furniture and related product manufacturing—Con. | | | | |
| 3372 | Office furniture (including fixtures) manufacturing—Con. | | | | |
| 33721 | Office furniture (including fixtures) manufacturing | | | | |
| | All companies | 4 129 | 13 801 861 | 100.0 | X |
| | 4 largest companies | X | X | 25.8 | X |
| | 8 largest companies | X | X | 33.9 | X |
| | 20 largest companies | X | X | 42.1 | X |
| | 50 largest companies | X | X | 50.3 | 196.0 |
| 337211 | Wood office furniture manufacturing | | | | |
| | All companies | 546 | 1 752 297 | 100.0 | X |
| | 4 largest companies | X | X | 33.6 | X |
| | 8 largest companies | X | X | 43.0 | X |
| | 20 largest companies | X | X | 56.3 | X |
| | 50 largest companies | X | X | 71.9 | 430.0 |
| 337212 | Custom architectural woodwork and millwork manufacturing | | | | |
| | All companies | 1 552 | 2 548 499 | 100.0 | X |
| | 4 largest companies | X | X | 8.6 | X |
| | 8 largest companies | X | X | 13.0 | X |
| | 20 largest companies | X | X | 21.1 | X |
| | 50 largest companies | X | X | 34.4 | 37.0 |
| 337214 | Office furniture (except wood) manufacturing | | | | |
| | All companies | 261 | 4 788 620 | 100.0 | X |
| | 4 largest companies | X | X | 63.2 | X |
| | 8 largest companies | X | X | 80.5 | X |
| | 20 largest companies | X | X | 88.9 | X |
| | 50 largest companies | X | X | 95.1 | 1 179.0 |
| 337215 | Showcase, partition, shelving, and locker manufacturing | | | | |
| | All companies | 1 800 | 4 712 445 | 100.0 | X |
| | 4 largest companies | X | X | 14.7 | X |
| | 8 largest companies | X | X | 20.6 | X |
| | 20 largest companies | X | X | 29.8 | X |
| | 50 largest companies | X | X | 42.8 | 80.4 |
| 3379 | Other furniture related product manufacturing | | | | |
| | All companies | 974 | 4 119 043 | 100.0 | X |
| | 4 largest companies | X | X | 32.8 | X |
| | 8 largest companies | X | X | 45.0 | X |
| | 20 largest companies | X | X | 56.9 | X |
| | 50 largest companies | X | X | 69.5 | 386.7 |
| 33791 | Mattress manufacturing | | | | |
| | All companies | 513 | 2 803 114 | 100.0 | X |
| | 4 largest companies | X | X | 45.5 | X |
| | 8 largest companies | X | X | 54.8 | X |
| | 20 largest companies | X | X | 66.6 | X |
| | 50 largest companies | X | X | 78.4 | 720.6 |
| 337910 | Mattress manufacturing | | | | |
| | All companies | 513 | 2 803 114 | 100.0 | X |
| | 4 largest companies | X | X | 45.5 | X |
| | 8 largest companies | X | X | 54.8 | X |
| | 20 largest companies | X | X | 66.6 | X |
| | 50 largest companies | X | X | 78.4 | 720.6 |
| 33792 | Blind and shade manufacturing | | | | |
| | All companies | 461 | 1 315 929 | 100.0 | X |
| | 4 largest companies | X | X | 41.3 | X |
| | 8 largest companies | X | X | 50.2 | X |
| | 20 largest companies | X | X | 64.6 | X |
| | 50 largest companies | X | X | 80.3 | 537.9 |
| 337920 | Blind and shade manufacturing | | | | |
| | All companies | 461 | 1 315 929 | 100.0 | X |
| | 4 largest companies | X | X | 41.3 | X |
| | 8 largest companies | X | X | 50.2 | X |
| | 20 largest companies | X | X | 64.6 | X |
| | 50 largest companies | X | X | 80.3 | 537.9 |
| 339 | Miscellaneous manufacturing | | | | |
| | All companies | 31 245 | 78 601 785 | 100.0 | X |
| | 4 largest companies | X | X | 10.5 | X |
| | 8 largest companies | X | X | 15.8 | X |
| | 20 largest companies | X | X | 25.3 | X |
| | 50 largest companies | X | X | 36.0 | 53.2 |
| 3391 | Medical equipment and supplies manufacturing | | | | |
| | All companies | 11 418 | 42 733 682 | 100.0 | X |
| | 4 largest companies | X | X | 19.3 | X |
| | 8 largest companies | X | X | 28.0 | X |
| | 20 largest companies | X | X | 42.6 | X |
| | 50 largest companies | X | X | 56.6 | 161.1 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|--|------------------------|-----------------------|------------------------------------|--|
| 339 | Miscellaneous manufacturing—Con. | | | | |
| 3391 | Medical equipment and supplies manufacturing—Con. | | | | |
| 33911 | Medical equipment and supplies manufacturing | | | | |
| | All companies | 11 418 | 42 733 682 | 100.0 | X |
| | 4 largest companies | X | X | 19.3 | X |
| | 8 largest companies | X | X | 28.0 | X |
| | 20 largest companies | X | X | 42.6 | X |
| | 50 largest companies | X | X | 56.6 | 161.1 |
| 339111 | Laboratory apparatus and furniture manufacturing | | | | |
| | All companies | 404 | 3 045 076 | 100.0 | X |
| | 4 largest companies | X | X | 35.3 | X |
| | 8 largest companies | X | X | 48.3 | X |
| | 20 largest companies | X | X | 64.4 | X |
| | 50 largest companies | X | X | 79.6 | 439.9 |
| 339112 | Surgical and medical instrument manufacturing | | | | |
| | All companies | 1 212 | 15 019 390 | 100.0 | X |
| | 4 largest companies | X | X | 26.6 | X |
| | 8 largest companies | X | X | 41.2 | X |
| | 20 largest companies | X | X | 57.2 | X |
| | 50 largest companies | X | X | 71.6 | 277.1 |
| 339113 | Surgical appliance and supplies manufacturing | | | | |
| | All companies | 1 617 | 16 833 622 | 100.0 | X |
| | 4 largest companies | X | X | 32.7 | X |
| | 8 largest companies | X | X | 44.2 | X |
| | 20 largest companies | X | X | 60.9 | X |
| | 50 largest companies | X | X | 75.9 | 365.6 |
| 339114 | Dental equipment and supplies manufacturing | | | | |
| | All companies | 849 | 2 078 964 | 100.0 | X |
| | 4 largest companies | X | X | 37.7 | X |
| | 8 largest companies | X | X | 49.0 | X |
| | 20 largest companies | X | X | 65.8 | X |
| | 50 largest companies | X | X | 78.0 | 437.2 |
| 339115 | Ophthalmic goods manufacturing | | | | |
| | All companies | 491 | 3 026 628 | 100.0 | X |
| | 4 largest companies | X | X | 40.7 | X |
| | 8 largest companies | X | X | 55.4 | X |
| | 20 largest companies | X | X | 77.5 | X |
| | 50 largest companies | X | X | 86.7 | 678.4 |
| 339116 | Dental laboratories | | | | |
| | All companies | 6 923 | 2 730 002 | 100.0 | X |
| | 4 largest companies | X | X | 12.8 | X |
| | 8 largest companies | X | X | 18.1 | X |
| | 20 largest companies | X | X | 23.7 | X |
| | 50 largest companies | X | X | 30.6 | 55.6 |
| 3399 | Other miscellaneous manufacturing | | | | |
| | All companies | 19 848 | 35 868 103 | 100.0 | X |
| | 4 largest companies | X | X | 7.1 | X |
| | 8 largest companies | X | X | 10.7 | X |
| | 20 largest companies | X | X | 18.7 | X |
| | 50 largest companies | X | X | 27.7 | 25.8 |
| 33991 | Jewelry and silverware manufacturing | | | | |
| | All companies | 3 015 | 3 952 259 | 100.0 | X |
| | 4 largest companies | X | X | 18.5 | X |
| | 8 largest companies | X | X | 25.5 | X |
| | 20 largest companies | X | X | 39.1 | X |
| | 50 largest companies | X | X | 52.7 | 142.1 |
| 339911 | Jewelry (except costume) manufacturing | | | | |
| | All companies | 1 923 | 2 793 456 | 100.0 | X |
| | 4 largest companies | X | X | 26.2 | X |
| | 8 largest companies | X | X | 35.4 | X |
| | 20 largest companies | X | X | 48.6 | X |
| | 50 largest companies | X | X | 61.2 | 258.6 |
| 339912 | Silverware and hollowware manufacturing | | | | |
| | All companies | 158 | 283 719 | 100.0 | X |
| | 4 largest companies | X | X | 52.6 | X |
| | 8 largest companies | X | X | 63.6 | X |
| | 20 largest companies | X | X | 79.3 | X |
| | 50 largest companies | X | X | 92.9 | 1 001.2 |
| 339913 | Jewelers' material and lapidary work manufacturing | | | | |
| | All companies | 290 | 319 884 | 100.0 | X |
| | 4 largest companies | X | X | D | X |
| | 8 largest companies | X | X | 60.9 | X |
| | 20 largest companies | X | X | 82.7 | X |
| | 50 largest companies | X | X | 95.9 | 584.2 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 339 | Miscellaneous manufacturing—Con. | | | | |
| 3399 | Other miscellaneous manufacturing—Con. | | | | |
| 33991 | Jewelry and silverware manufacturing—Con. | | | | |
| 339914 | Costume jewelry and novelty manufacturing | | | | |
| | All companies | 650 | 555 200 | 100.0 | X |
| | 4 largest companies | X | X | 25.3 | X |
| | 8 largest companies | X | X | 36.5 | X |
| | 20 largest companies | X | X | 50.2 | X |
| | 50 largest companies | X | X | 67.1 | 238.9 |
| 33992 | Sporting and athletic goods manufacturing | | | | |
| | All companies | 2 157 | 6 737 525 | 100.0 | X |
| | 4 largest companies | X | X | 23.9 | X |
| | 8 largest companies | X | X | 32.1 | X |
| | 20 largest companies | X | X | 46.2 | X |
| | 50 largest companies | X | X | 61.8 | 199.9 |
| 339920 | Sporting and athletic goods manufacturing | | | | |
| | All companies | 2 157 | 6 737 525 | 100.0 | X |
| | 4 largest companies | X | X | 23.9 | X |
| | 8 largest companies | X | X | 32.1 | X |
| | 20 largest companies | X | X | 46.2 | X |
| | 50 largest companies | X | X | 61.8 | 199.9 |
| 33993 | Doll, toy, and game manufacturing | | | | |
| | All companies | 865 | 2 307 990 | 100.0 | X |
| | 4 largest companies | X | X | 39.4 | X |
| | 8 largest companies | X | X | 48.0 | X |
| | 20 largest companies | X | X | 61.0 | X |
| | 50 largest companies | X | X | 75.3 | 493.9 |
| 339931 | Doll and stuffed toy manufacturing | | | | |
| | All companies | 134 | 187 024 | 100.0 | X |
| | 4 largest companies | X | X | 50.8 | X |
| | 8 largest companies | X | X | 68.5 | X |
| | 20 largest companies | X | X | 84.8 | X |
| | 50 largest companies | X | X | 98.2 | 798.2 |
| 339932 | Game, toy, and children's vehicle manufacturing | | | | |
| | All companies | 732 | 2 120 966 | 100.0 | X |
| | 4 largest companies | X | X | 42.9 | X |
| | 8 largest companies | X | X | 52.2 | X |
| | 20 largest companies | X | X | 65.2 | X |
| | 50 largest companies | X | X | 78.0 | 579.4 |
| 33994 | Office supplies (except paper) manufacturing | | | | |
| | All companies | 771 | 2 451 378 | 100.0 | X |
| | 4 largest companies | X | X | 41.3 | X |
| | 8 largest companies | X | X | 52.1 | X |
| | 20 largest companies | X | X | 65.5 | X |
| | 50 largest companies | X | X | 77.5 | 532.2 |
| 339941 | Pen and mechanical pencil manufacturing | | | | |
| | All companies | 87 | 850 804 | 100.0 | X |
| | 4 largest companies | X | X | 74.4 | X |
| | 8 largest companies | X | X | 81.5 | X |
| | 20 largest companies | X | X | 91.0 | X |
| | 50 largest companies | X | X | 98.9 | 1 956.8 |
| 339942 | Lead pencil and art good manufacturing | | | | |
| | All companies | 138 | 912 849 | 100.0 | X |
| | 4 largest companies | X | X | 61.3 | X |
| | 8 largest companies | X | X | 74.7 | X |
| | 20 largest companies | X | X | 87.3 | X |
| | 50 largest companies | X | X | 96.0 | 1 590.2 |
| 339943 | Marking device manufacturing | | | | |
| | All companies | 476 | 388 521 | 100.0 | X |
| | 4 largest companies | X | X | 23.9 | X |
| | 8 largest companies | X | X | 32.8 | X |
| | 20 largest companies | X | X | 49.8 | X |
| | 50 largest companies | X | X | 67.2 | 217.1 |
| 339944 | Carbon paper and inked ribbon manufacturing | | | | |
| | All companies | 72 | 299 204 | 100.0 | X |
| | 4 largest companies | X | X | 57.0 | X |
| | 8 largest companies | X | X | 72.5 | X |
| | 20 largest companies | X | X | 89.8 | X |
| | 50 largest companies | X | X | 99.1 | 1 143.3 |

See footnotes at end of table.

Table 3. Share of Value Added Accounted for by the 4, 8, 20, and 50 Largest Companies for Industries: 2002—Con.

[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. For explanation of terms, see Appendix A]

| NAICS code | Industry and company size | Companies ¹ | Value added (\$1,000) | Value added ² (percent) | Herfindahl-Hirschman index for 50 largest companies ³ |
|------------|---|------------------------|-----------------------|------------------------------------|--|
| 339 | Miscellaneous manufacturing—Con. | | | | |
| 3399 | Other miscellaneous manufacturing—Con. | | | | |
| 33995 | Sign manufacturing | | | | |
| | All companies | 6 125 | 5 745 823 | 100.0 | X |
| | 4 largest companies | X | X | 5.4 | X |
| | 8 largest companies | X | X | 8.8 | X |
| | 20 largest companies | X | X | 16.0 | X |
| | 50 largest companies | X | X | 26.9 | 19.1 |
| 339950 | Sign manufacturing | | | | |
| | All companies | 6 125 | 5 745 823 | 100.0 | X |
| | 4 largest companies | X | X | 5.4 | X |
| | 8 largest companies | X | X | 8.8 | X |
| | 20 largest companies | X | X | 16.0 | X |
| | 50 largest companies | X | X | 26.9 | 19.1 |
| 33999 | All other miscellaneous manufacturing | | | | |
| | All companies | 6 950 | 14 673 128 | 100.0 | X |
| | 4 largest companies | X | X | 9.9 | X |
| | 8 largest companies | X | X | 16.3 | X |
| | 20 largest companies | X | X | 26.5 | X |
| | 50 largest companies | X | X | 37.6 | 49.1 |
| 339991 | Gasket, packing, and sealing device manufacturing | | | | |
| | All companies | 526 | 3 128 087 | 100.0 | X |
| | 4 largest companies | X | X | 31.2 | X |
| | 8 largest companies | X | X | 41.6 | X |
| | 20 largest companies | X | X | 57.5 | X |
| | 50 largest companies | X | X | 73.1 | 318.4 |
| 339992 | Musical instrument manufacturing | | | | |
| | All companies | 563 | 1 208 416 | 100.0 | X |
| | 4 largest companies | X | X | 42.7 | X |
| | 8 largest companies | X | X | 54.3 | X |
| | 20 largest companies | X | X | 70.1 | X |
| | 50 largest companies | X | X | 84.6 | 606.0 |
| 339993 | Fastener, button, needle, and pin manufacturing | | | | |
| | All companies | 180 | 417 248 | 100.0 | X |
| | 4 largest companies | X | X | 53.1 | X |
| | 8 largest companies | X | X | 63.1 | X |
| | 20 largest companies | X | X | 78.7 | X |
| | 50 largest companies | X | X | 92.6 | 1 461.8 |
| 339994 | Broom, brush, and mop manufacturing | | | | |
| | All companies | 269 | 1 279 424 | 100.0 | X |
| | 4 largest companies | X | X | 29.2 | X |
| | 8 largest companies | X | X | 46.1 | X |
| | 20 largest companies | X | X | 64.9 | X |
| | 50 largest companies | X | X | 83.4 | 346.3 |
| 339995 | Burial casket manufacturing | | | | |
| | All companies | 148 | 767 764 | 100.0 | X |
| | 4 largest companies | X | X | 75.0 | X |
| | 8 largest companies | X | X | 81.5 | X |
| | 20 largest companies | X | X | 88.7 | X |
| | 50 largest companies | X | X | 94.8 | D |
| 339999 | All other miscellaneous manufacturing | | | | |
| | All companies | 5 270 | 7 872 189 | 100.0 | X |
| | 4 largest companies | X | X | 12.2 | X |
| | 8 largest companies | X | X | 18.2 | X |
| | 20 largest companies | X | X | 25.9 | X |
| | 50 largest companies | X | X | 34.8 | 56.6 |

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

²Value added concentration ratios are presented as an alternative to the traditional value of shipments concentration ratios because value of shipments typically include an immeasurable amount of duplication. However, eliminating duplication can both raise and lower the concentration ratios. Also, use of value added results in more differences than those associated with eliminating duplication and frequently results in the inclusion of different companies in the company groups.

³The Herfindahl-Hirschman index is calculated by summing the squares of the individual company percentages for the 50 largest companies or the universe, whichever is lower.

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.