

Table 6.3 Consumption ratios of fuel, 2022

Level: National data
 Row: Values of shipments within NAICS codes
 Column: Energy consumption ratios
 Unit: British thermal units (Btu)

| NAICS code ^a | Economic characteristic ^b | Consumption per employee (million Btu) | Consumption per dollar of value added (thousand Btu) | Consumption per dollar of value of shipments (thousand Btu) |
|----------------------------|---|--|--|---|
| Total United States | | | | |
| 311 - 339 | All manufacturing industries | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 472.0 | 4.0 | 2.2 |
| | 20-49 | 614.2 | 3.6 | 1.9 |
| | 50-99 | 907.8 | 4.8 | 2.3 |
| | 100-249 | 1,113.0 | 4.9 | 2.2 |
| | 250-499 | 2,050.3 | 7.1 | 3.0 |
| | 500 and over | 3,628.2 | 6.3 | 2.4 |
| | Total | 1,528.4 | 5.6 | 2.4 |
| 311 | Food | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 691.7 | 7.4 | 3.2 |
| | 20-49 | 886.1 | 5.8 | 2.1 |
| | 50-99 | 1,081.0 | 6.0 | 2.2 |
| | 100-249 | 1,031.9 | 5.7 | 1.9 |
| | 250-499 | 764.0 | 3.6 | 1.2 |
| | 500 and over | 1,421.4 | 3.6 | 1.2 |
| | Total | 1,029.7 | 4.4 | 1.5 |
| 3112 | Grain and oilseed milling | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 5,776.3 | Q | 20.1 |
| | 20-49 | 1,074.8 | 3.0 | 1.1 |
| | 50-99 | 5,466.4 | 12.4 | 5.0 |
| | 100-249 | 3,310.3 | 7.9 | 2.4 |
| | 250-499 | 4,500.7 | 7.2 | 2.0 |
| | 500 and over | 11,390.4 | 8.5 | 2.1 |
| | Total | 6,197.4 | 8.6 | 2.4 |
| 311221 | Wet corn milling and starch manufacturing | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 6,750.3 | 36.2 | 17.9 |
| | 20-49 | 841.1 | 6.5 | 1.5 |
| | 50-99 | 7,590.4 | 29.7 | 12.8 |
| | 100-249 | 19,977.8 | 37.5 | 15.5 |
| | 250-499 | 13,497.5 | 16.4 | 7.8 |
| | 500 and over | 36,350.0 | 23.6 | 8.3 |
| | Total | 23,025.8 | 23.7 | 9.0 |
| 31131 | Sugar manufacturing | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 381.5 | 8.2 | 2.6 |
| | 20-49 | 2,459.2 | 8.6 | 2.7 |
| | 50-99 | 4,019.2 | 28.3 | 12.2 |
| | 100-249 | 8,832.4 | 49.6 | 17.3 |
| | 250-499 | 10,033.2 | 26.0 | 10.3 |
| | 500 and over | 56,052.7 | 101.2 | 33.0 |
| | Total | 7,796.0 | 40.0 | 14.7 |
| 3114 | Fruit and vegetable preserving and specialty foods | | | |

| | | | |
|--|---------|------|-----|
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 328.2 | 2.9 | 1.4 |
| 20-49 | 462.6 | 3.4 | 1.3 |
| 50-99 | 861.8 | 4.1 | 2.3 |
| 100-249 | 913.1 | 3.9 | 1.9 |
| 250-499 | 978.6 | 4.0 | 1.9 |
| 500 and over | 1,038.3 | 2.0 | 1.1 |
| Total | 820.6 | 3.1 | 1.6 |
| 3115 Dairy product manufacturing | | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 1,111.5 | 19.9 | 5.2 |
| 20-49 | 918.8 | Q | 2.7 |
| 50-99 | 674.7 | 3.5 | 0.9 |
| 100-249 | 985.1 | 4.6 | 1.2 |
| 250-499 | 879.2 | 3.6 | 0.8 |
| 500 and over | 1,815.6 | 3.7 | 1.1 |
| Total | 1,118.5 | 4.1 | 1.1 |
| 3116 Animal slaughtering and processing | | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | Q | Q | Q |
| 20-49 | 1,031.8 | 5.7 | 2.3 |
| 50-99 | 931.8 | 9.0 | 1.9 |
| 100-249 | 761.9 | 5.2 | 1.7 |
| 250-499 | 358.6 | 2.4 | 0.9 |
| 500 and over | 428.6 | 1.6 | 0.5 |
| Total | 534.0 | 2.7 | 0.9 |
| 312 Beverage and tobacco products | | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 258.4 | 2.3 | 1.5 |
| 20-49 | 602.1 | 2.1 | 1.1 |
| 50-99 | Q | Q | Q |
| 100-249 | 686.0 | 2.8 | 1.0 |
| 250-499 | 779.8 | 1.2 | 0.6 |
| 500 and over | 646.4 | 0.4 | 0.3 |
| Total | 1,236.7 | 2.8 | 1.7 |
| 3121 Beverages | | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 256.4 | 2.3 | 1.5 |
| 20-49 | 598.8 | 2.0 | 1.0 |
| 50-99 | Q | Q | Q |
| 100-249 | 681.6 | 2.8 | 1.0 |
| 250-499 | 807.3 | 1.2 | 0.6 |
| 500 and over | 639.9 | 0.7 | 0.4 |
| Total | 1,269.2 | 4.2 | 2.2 |
| 3122 Tobacco | | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 493.6 | 2.0 | 1.5 |
| 20-49 | 632.4 | 3.8 | 1.6 |
| 50-99 | 509.4 | 1.5 | 0.6 |
| 100-249 | 751.2 | 2.4 | 1.0 |
| 250-499 | 328.8 | 1.0 | 0.3 |
| 500 and over | 679.5 | 0.1 | 0.1 |
| Total | 638.6 | 0.2 | 0.2 |
| 313 Textile mills | | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 414.9 | 5.1 | 2.4 |
| 20-49 | 692.7 | 4.8 | 2.5 |
| 50-99 | 804.3 | 6.6 | 2.4 |

| | | | |
|--------------|---------|-----|-----|
| 100-249 | 1,363.3 | 5.1 | 2.3 |
| 250-499 | 1,817.4 | 5.8 | 2.8 |
| 500 and over | 0.0 | 0.0 | 0.0 |
| Total | 901.0 | 5.4 | 2.4 |

314 Textile product mills

**Value of shipments and receipts
(million dollars)**

| | | | |
|--------------|---------|-----|-----|
| Under 20 | 60.6 | 0.9 | 0.5 |
| 20-49 | Q | Q | Q |
| 50-99 | 647.9 | 4.4 | Q |
| 100-249 | Q | Q | Q |
| 250-499 | 443.9 | 2.5 | 0.9 |
| 500 and over | 1,312.0 | 4.0 | 1.2 |
| Total | 184.4 | 1.9 | 0.9 |

315 Apparel

**Value of shipments and receipts
(million dollars)**

| | | | |
|--------------|------|-----|-----|
| Under 20 | 43.4 | 0.6 | 0.4 |
| 20-49 | 51.4 | 1.0 | 0.5 |
| 50-99 | Q | 1.1 | Q |
| 100-249 | 35.5 | Q | Q |
| 250-499 | 0.0 | 0.0 | 0.0 |
| 500 and over | 0.0 | 0.0 | 0.0 |
| Total | 47.7 | 0.6 | 0.3 |

316 Leather and allied products

**Value of shipments and receipts
(million dollars)**

| | | | |
|--------------|-------|------|-----|
| Under 20 | 52.7 | 0.8 | 0.5 |
| 20-49 | 88.0 | 1.0 | 0.5 |
| 50-99 | Q | 2.6 | 1.3 |
| 100-249 | 38.4 | 0.2 | 0.1 |
| 250-499 | 677.9 | 14.8 | 0.6 |
| 500 and over | 0.0 | 0.0 | 0.0 |
| Total | 138.5 | 1.3 | 0.7 |

321 Wood products

**Value of shipments and receipts
(million dollars)**

| | | | |
|--------------|---------|-----|-----|
| Under 20 | 565.8 | 4.9 | 2.5 |
| 20-49 | 800.8 | 4.5 | 2.1 |
| 50-99 | 1,628.7 | 7.4 | 3.2 |
| 100-249 | 2,804.1 | 9.3 | 4.3 |
| 250-499 | 1,351.4 | 4.5 | 2.1 |
| 500 and over | 194.7 | 0.5 | 0.3 |
| Total | 1,281.6 | 6.3 | 2.9 |

321113 Sawmills

**Value of shipments and receipts
(million dollars)**

| | | | |
|--------------|---------|------|-----|
| Under 20 | 409.4 | 2.8 | 1.5 |
| 20-49 | 2,976.8 | 15.1 | 7.3 |
| 50-99 | 3,515.1 | 11.9 | 6.1 |
| 100-249 | 5,063.6 | 12.9 | 6.3 |
| 250-499 | 2,465.6 | 7.0 | 2.6 |
| 500 and over | 0.0 | 0.0 | 0.0 |
| Total | 2,896.5 | 10.9 | 5.3 |

3212 Veneer, plywood, and engineered wood product manufacturing

**Value of shipments and receipts
(million dollars)**

| | | | |
|--------------|---------|------|------|
| Under 20 | 2,403.0 | 18.8 | 10.0 |
| 20-49 | 363.6 | 1.9 | 0.8 |
| 50-99 | 1,365.4 | 6.2 | 2.6 |
| 100-249 | 3,770.0 | 12.3 | 6.0 |
| 250-499 | 5,471.9 | 7.0 | 3.4 |
| 500 and over | 251.5 | 0.7 | 0.3 |
| Total | 2,236.6 | 8.6 | 4.1 |

| | | | | |
|---------------|--|----------|-------|-------|
| 321219 | Reconstituted wood products | | | |
| | Value of shipments and receipts | | | |
| | (million dollars) | | | |
| | Under 20 | Q | 133.8 | Q |
| | 20-49 | 1,856.3 | 8.8 | 4.4 |
| | 50-99 | 3,484.6 | 17.7 | 6.3 |
| | 100-249 | 10,589.9 | 16.9 | 9.6 |
| | 250-499 | 12,122.2 | 8.8 | 5.9 |
| | 500 and over | 0.0 | 0.0 | 0.0 |
| | Total | 7,981.6 | 15.2 | 8.4 |
| 3219 | Other wood products | | | |
| | Value of shipments and receipts | | | |
| | (million dollars) | | | |
| | Under 20 | 241.4 | 2.3 | 1.1 |
| | 20-49 | 394.4 | 2.3 | 1.1 |
| | 50-99 | 710.3 | 3.7 | 1.8 |
| | 100-249 | 346.5 | 1.5 | 0.8 |
| | 250-499 | 158.9 | 0.9 | 0.4 |
| | 500 and over | 176.9 | 0.5 | 0.3 |
| | Total | 354.5 | 2.1 | 1.1 |
| 322 | Paper | | | |
| | Value of shipments and receipts | | | |
| | (million dollars) | | | |
| | Under 20 | 1,196.2 | 15.8 | 4.2 |
| | 20-49 | 609.4 | 3.5 | 1.3 |
| | 50-99 | 658.8 | 4.3 | 1.6 |
| | 100-249 | 2,582.2 | 12.0 | 4.3 |
| | 250-499 | 19,399.9 | 47.6 | 23.3 |
| | 500 and over | Q | 24.4 | 13.1 |
| | Total | 5,374.3 | 20.6 | 9.0 |
| 322110 | Pulp mills | | | |
| | Value of shipments and receipts | | | |
| | (million dollars) | | | |
| | Under 20 | 2,433.3 | 18.2 | 8.3 |
| | 20-49 | 0.0 | 0.0 | 0.0 |
| | 50-99 | 5,904.0 | 13.8 | 5.8 |
| | 100-249 | 33,515.3 | 116.4 | 46.2 |
| | 250-499 | 47,909.3 | 86.9 | 48.7 |
| | 500 and over | 31,168.8 | 52.2 | 30.9 |
| | Total | 38,021.0 | 73.8 | 40.4 |
| 322120 | Paper mills | | | |
| | Value of shipments and receipts | | | |
| | (million dollars) | | | |
| | Under 20 | 545.0 | -4.9 | 115.8 |
| | 20-49 | 3,081.8 | 16.6 | 6.6 |
| | 50-99 | 4,941.7 | 29.2 | 9.3 |
| | 100-249 | 12,136.9 | 57.2 | 17.6 |
| | 250-499 | 13,763.9 | 36.3 | 19.2 |
| | 500 and over | 12,123.6 | 27.2 | 14.3 |
| | Total | 10,972.3 | 33.6 | 16.0 |
| 322130 | Paperboard mills | | | |
| | Value of shipments and receipts | | | |
| | (million dollars) | | | |
| | Under 20 | 30,095.4 | 463.5 | 126.0 |
| | 20-49 | 7,007.0 | 21.6 | 10.0 |
| | 50-99 | 8,349.9 | 24.7 | 12.1 |
| | 100-249 | 16,217.7 | 37.9 | 18.0 |
| | 250-499 | 30,044.1 | 57.9 | 29.6 |
| | 500 and over | 34,198.3 | 40.5 | 23.8 |
| | Total | 28,577.9 | 43.7 | 24.3 |
| 323 | Printing and related support | | | |
| | Value of shipments and receipts | | | |
| | (million dollars) | | | |
| | Under 20 | 106.0 | 1.0 | 0.7 |

| | | | |
|--|--|-------|-------|
| 20-49 | 260.4 | 1.3 | 0.8 |
| 50-99 | 191.2 | 1.2 | 0.6 |
| 100-249 | 320.4 | 1.5 | 0.8 |
| 250-499 | Q | Q | Q |
| 500 and over | Q | 2.1 | 1.2 |
| Total | 192.0 | 1.3 | 0.7 |
| 324 | Petroleum and coal products | | |
| Value of shipments and receipts (million dollars) | | | |
| Under 20 | 8,717.5 | 42.1 | 9.6 |
| 20-49 | 9,020.8 | 27.3 | 10.3 |
| 50-99 | 4,323.0 | 10.4 | 4.1 |
| 100-249 | 3,453.3 | 6.3 | 2.2 |
| 250-499 | 4,062.8 | 6.7 | 1.8 |
| 500 and over | 59,582.5 | 21.4 | 4.1 |
| Total | 37,134.1 | 20.7 | 4.1 |
| 324110 | Petroleum refineries | | |
| Value of shipments and receipts (million dollars) | | | |
| Under 20 | 0.0 | 0.0 | 0.0 |
| 20-49 | 19,330.0 | 58.5 | 22.8 |
| 50-99 | 15,800.9 | 26.0 | 12.1 |
| 100-249 | 49,935.3 | 23.7 | 19.1 |
| 250-499 | 23,736.8 | -8.8 | 4.0 |
| 500 and over | 61,322.4 | 22.0 | 4.1 |
| Total | 61,062.7 | 22.1 | 4.1 |
| 324121 | Asphalt paving mixture and block | | |
| Value of shipments and receipts (million dollars) | | | |
| Under 20 | 8,831.8 | 37.2 | 7.8 |
| 20-49 | 10,098.3 | 27.5 | 10.1 |
| 50-99 | 3,117.7 | 6.0 | 2.1 |
| 100-249 | 1,870.9 | 4.7 | 2.3 |
| 250-499 | 1,066.8 | 0.7 | 0.1 |
| 500 and over | 0.0 | 0.0 | 0.0 |
| Total | 7,807.5 | 22.6 | 6.9 |
| 324122 | Asphalt shingle and coating materials | | |
| Value of shipments and receipts (million dollars) | | | |
| Under 20 | 1,497.1 | 8.4 | 3.3 |
| 20-49 | 2,157.5 | 14.5 | 2.9 |
| 50-99 | 2,774.7 | 5.3 | 2.5 |
| 100-249 | 1,546.1 | 2.4 | 1.1 |
| 250-499 | 1,445.0 | 1.4 | 0.7 |
| 500 and over | 1,133.3 | 0.4 | 0.3 |
| Total | 1,705.4 | 2.4 | 1.2 |
| 324191 | Petroleum lubricating oil and grease manufacturing | | |
| Value of shipments and receipts (million dollars) | | | |
| Under 20 | 1,266.5 | 6.9 | 2.0 |
| 20-49 | Q | Q | Q |
| 50-99 | 661.1 | 1.9 | 0.8 |
| 100-249 | 1,126.0 | 2.7 | 0.6 |
| 250-499 | 1,152.5 | Q | 0.6 |
| 500 and over | 3,438.4 | 1.2 | 0.7 |
| Total | 1,194.0 | 2.0 | 0.6 |
| 324199 | All other petroleum and coal products manufacturing | | |
| Value of shipments and receipts (million dollars) | | | |
| Under 20 | 22,710.9 | 436.6 | 139.2 |
| 20-49 | 23,622.6 | 72.0 | 36.4 |
| 50-99 | 28,211.0 | 139.4 | 39.9 |
| 100-249 | 20,132.0 | 28.3 | 7.5 |
| 250-499 | 23,966.9 | 25.5 | 8.3 |
| 500 and over | 33,438.4 | 8.1 | 2.1 |

| | | | | |
|---------------|---|-----------|-------|------|
| | Total | 23,815.9 | 52.5 | 16.3 |
| 325 | Chemicals | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 1,971.9 | 11.0 | 5.9 |
| | 20-49 | 3,037.3 | 12.6 | 6.9 |
| | 50-99 | 2,504.0 | 8.4 | 4.6 |
| | 100-249 | 3,310.3 | 9.5 | 4.1 |
| | 250-499 | 5,847.4 | 13.3 | 5.7 |
| | 500 and over | 10,045.9 | 6.6 | 4.0 |
| | Total | 5,199.0 | 8.1 | 4.5 |
| 325110 | Petrochemicals | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 14,052.0 | 5.7 | 3.5 |
| | 20-49 | 538.4 | 1.6 | 0.5 |
| | 50-99 | 25,236.8 | 49.1 | 32.3 |
| | 100-249 | 0.0 | 0.0 | 0.0 |
| | 250-499 | 118,295.6 | 146.3 | 38.0 |
| | 500 and over | 77,868.3 | 19.7 | 9.6 |
| | Total | 76,670.1 | 20.2 | 9.9 |
| 325120 | Industrial gases | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 7,962.2 | Q | Q |
| | 20-49 | Q | 45.1 | 33.8 |
| | 50-99 | 5,812.6 | 6.8 | 6.2 |
| | 100-249 | 101,119.5 | 71.9 | 53.9 |
| | 250-499 | 6,978.8 | 4.1 | 3.5 |
| | 500 and over | 15,510.1 | 11.4 | 7.5 |
| | Total | 15,893.8 | 21.3 | 16.5 |
| 325180 | Other basic inorganic chemical manufacturing | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | Q | 9.1 | Q |
| | 20-49 | 2,263.4 | 5.7 | 3.7 |
| | 50-99 | 5,940.2 | 11.7 | 7.0 |
| | 100-249 | 19,999.6 | 31.4 | 19.2 |
| | 250-499 | 6,160.2 | 14.7 | 7.7 |
| | 500 and over | 17,192.1 | 18.2 | 12.9 |
| | Total | 7,278.0 | 16.6 | 9.6 |
| 325193 | Ethyl alcohol | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 2,602.6 | 24.3 | 14.3 |
| | 20-49 | 8,789.7 | Q | Q |
| | 50-99 | 31,108.9 | Q | 11.8 |
| | 100-249 | 37,184.5 | 89.6 | 9.3 |
| | 250-499 | 53,870.1 | 81.5 | 8.7 |
| | 500 and over | 66,861.9 | 34.1 | 12.0 |
| | Total | 48,340.2 | 67.5 | 9.3 |
| 325194 | Cyclic crudes, intermediate and gum and wood chemicals | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 52,222.4 | 195.5 | 73.0 |
| | 20-49 | 16,419.5 | 66.7 | 33.5 |
| | 50-99 | 13,158.3 | 37.9 | 19.0 |
| | 100-249 | 4,072.5 | 4.8 | 3.2 |
| | 250-499 | 10,744.5 | 14.8 | 5.2 |
| | 500 and over | 12,038.3 | 12.6 | 5.9 |
| | Total | 15,048.7 | 25.0 | 11.8 |
| 325199 | All other basic organic chemical manufacturing | | | |
| | Value of shipments and receipts | | | |

| (million dollars) | | | |
|--|--|------|------|
| Under 20 | 30,248.5 | Q | 98.7 |
| 20-49 | 1,746.9 | Q | Q |
| 50-99 | 2,523.6 | 8.9 | 3.8 |
| 100-249 | 4,483.9 | 9.5 | 4.0 |
| 250-499 | 7,815.7 | 9.7 | 4.6 |
| 500 and over | 10,811.0 | 11.9 | 5.3 |
| Total | 7,662.6 | 11.2 | 5.2 |
| 325211 | Plastics materials and resins | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | Q | Q | Q |
| 20-49 | 615.2 | 4.5 | 1.6 |
| 50-99 | 1,785.8 | 6.9 | 2.4 |
| 100-249 | 3,520.8 | Q | 1.9 |
| 250-499 | 9,197.8 | 15.4 | 5.0 |
| 500 and over | 23,592.7 | 26.7 | 8.9 |
| Total | 9,357.2 | 19.0 | 6.6 |
| 325212 | Synthetic rubber | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | Q | Q | Q |
| 20-49 | 1,175.7 | 9.6 | 2.1 |
| 50-99 | 306.9 | 1.3 | 0.7 |
| 100-249 | 8,552.6 | 23.6 | 9.5 |
| 250-499 | 6,582.7 | 14.6 | 4.0 |
| 500 and over | 7,811.9 | 13.8 | 5.9 |
| Total | 5,306.0 | 14.9 | 6.0 |
| 325220 | Artificial and synthetic fibers and filaments | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 448.3 | 4.4 | 1.7 |
| 20-49 | 722.0 | 6.9 | 2.6 |
| 50-99 | 3,204.8 | 16.8 | 6.9 |
| 100-249 | 1,818.6 | 5.4 | 2.9 |
| 250-499 | 3,755.9 | 8.1 | 4.5 |
| 500 and over | 1,302.8 | 4.4 | 2.0 |
| Total | 1,891.9 | 7.4 | 3.5 |
| 325311 | Nitrogenous fertilizers | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 5,076.6 | 24.3 | 15.2 |
| 20-49 | 2,931.5 | 5.7 | 3.6 |
| 50-99 | 8,079.9 | 16.6 | 8.3 |
| 100-249 | 19,636.9 | 16.1 | 9.7 |
| 250-499 | 33,525.2 | 22.2 | 15.2 |
| 500 and over | 81,911.9 | 21.7 | 15.3 |
| Total | 31,728.6 | 20.6 | 13.8 |
| 325312 | Phosphatic fertilizers | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 2,919.2 | 8.0 | 4.5 |
| 20-49 | 604.3 | 1.0 | 0.5 |
| 50-99 | 791.7 | 0.6 | 0.3 |
| 100-249 | 581.4 | 0.7 | 0.6 |
| 250-499 | 0.0 | 0.0 | 0.0 |
| 500 and over | 4,336.0 | 6.9 | 3.3 |
| Total | 3,714.7 | 6.1 | 3.0 |
| 3254 | Pharmaceuticals and medicines | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 394.4 | Q | 1.3 |
| 20-49 | 228.7 | 1.2 | 0.7 |
| 50-99 | 628.4 | 2.5 | 1.6 |
| 100-249 | 591.3 | 2.4 | 1.5 |

| | | | | |
|---------------|--|---------|------|------|
| | 250-499 | Q | 0.6 | 0.5 |
| | 500 and over | 318.0 | 0.2 | 0.2 |
| | Total | 380.3 | 0.6 | 0.5 |
| 325412 | Pharmaceutical preparation | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 352.7 | Q | Q |
| | 20-49 | Q | Q | Q |
| | 50-99 | 402.9 | 1.4 | 1.0 |
| | 100-249 | 522.9 | 2.0 | 1.3 |
| | 250-499 | 280.0 | 0.7 | 0.5 |
| | 500 and over | 333.0 | 0.2 | 0.1 |
| | Total | 411.8 | 0.5 | 0.4 |
| 325992 | Photographic film, paper, plate, chemical, and copy toner manufacturing | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 340.1 | 7.3 | 1.4 |
| | 20-49 | 355.2 | 1.2 | 0.8 |
| | 50-99 | 1,699.5 | 7.5 | 3.7 |
| | 100-249 | 1,509.2 | 5.4 | 2.7 |
| | 250-499 | 637.2 | 2.0 | 0.7 |
| | 500 and over | 1,187.1 | 2.9 | 1.6 |
| | Total | 1,058.7 | 3.3 | 1.6 |
| 326 | Plastics and rubber products | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 613.1 | 5.6 | 2.7 |
| | 20-49 | 319.6 | 2.2 | 1.0 |
| | 50-99 | 333.4 | 2.4 | 1.1 |
| | 100-249 | 738.5 | 3.8 | 1.4 |
| | 250-499 | 693.7 | Q | Q |
| | 500 and over | 425.9 | Q | 0.9 |
| | Total | 511.9 | 2.8 | 1.3 |
| 327 | Nonmetallic mineral products | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 2,124.6 | 13.3 | 7.0 |
| | 20-49 | 1,594.9 | 7.3 | 4.3 |
| | 50-99 | 6,185.1 | 33.0 | 14.5 |
| | 100-249 | 5,632.9 | 15.9 | 9.9 |
| | 250-499 | 4,057.0 | 9.0 | 6.4 |
| | 500 and over | 1,116.5 | Q | Q |
| | Total | 3,275.3 | 13.8 | 7.9 |
| 327120 | Clay building material and refractories | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 1,920.8 | 15.2 | 9.6 |
| | 20-49 | 1,967.3 | 9.8 | 6.4 |
| | 50-99 | 2,268.2 | 10.6 | 6.2 |
| | 100-249 | 1,142.3 | 4.2 | 2.5 |
| | 250-499 | 0.0 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 | 0.0 |
| | Total | 1,859.1 | 9.9 | 6.2 |
| 327211 | Flat glass | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 498.6 | 4.1 | 2.2 |
| | 20-49 | Q | 4.6 | 1.9 |
| | 50-99 | 4,612.8 | 33.1 | 13.7 |
| | 100-249 | 5,459.8 | 21.2 | 11.5 |
| | 250-499 | 451.3 | 2.8 | 1.6 |
| | 500 and over | 0.0 | 0.0 | 0.0 |
| | Total | 3,870.8 | 19.6 | 10.1 |
| 327212 | Other pressed and blown glass and glassware | | | |

| Value of shipments and receipts (million dollars) | | | |
|--|----------------|-------------|------------|
| Under 20 | 1,909.3 | 11.4 | 8.5 |
| 20-49 | 2,248.0 | 14.6 | 8.2 |
| 50-99 | 2,607.0 | 16.4 | 9.1 |
| 100-249 | 2,520.5 | 10.4 | 7.4 |
| 250-499 | 4,665.3 | 10.5 | 7.7 |
| 500 and over | 0.0 | 0.0 | 0.0 |
| Total | 2,659.1 | 11.6 | 7.9 |

327213 Glass containers

| Value of shipments and receipts (million dollars) | | | |
|--|----------------|-------------|------------|
| Under 20 | 13,289.7 | 90.9 | 57.9 |
| 20-49 | 907.0 | 4.4 | 3.1 |
| 50-99 | 4,689.1 | 22.2 | 13.8 |
| 100-249 | 4,822.5 | 13.1 | 9.6 |
| 250-499 | 3,774.1 | 6.8 | 5.5 |
| 500 and over | 0.0 | 0.0 | 0.0 |
| Total | 4,325.9 | 10.9 | 8.2 |

327215 Glass products from purchased glass

| Value of shipments and receipts (million dollars) | | | |
|--|----------|----------|----------|
| Under 20 | Q | Q | Q |
| 20-49 | 577.5 | 3.9 | 2.1 |
| 50-99 | 485.7 | 3.5 | 1.7 |
| 100-249 | 594.8 | 3.2 | 1.5 |
| 250-499 | 453.9 | 2.3 | 0.9 |
| 500 and over | 203.7 | 1.2 | 0.7 |
| Total | Q | Q | Q |

327310 Cements

| Value of shipments and receipts (million dollars) | | | |
|--|-----------------|-------------|-------------|
| Under 20 | Q | Q | Q |
| 20-49 | 22,798.6 | 157.4 | 58.6 |
| 50-99 | 27,301.5 | 133.6 | 59.7 |
| 100-249 | 22,788.0 | 45.1 | 28.8 |
| 250-499 | 17,851.4 | 38.4 | 25.3 |
| 500 and over | 7,921.8 | 3.5 | 3.4 |
| Total | 23,647.3 | 54.6 | 34.2 |

327410 Lime

| Value of shipments and receipts (million dollars) | | | |
|--|-----------------|-------------|-------------|
| Under 20 | 50,118.5 | 101.4 | 55.6 |
| 20-49 | 25,295.0 | 70.1 | 38.5 |
| 50-99 | 31,754.0 | 72.5 | 38.8 |
| 100-249 | 36,402.3 | 66.3 | 38.9 |
| 250-499 | 0.0 | 0.0 | 0.0 |
| 500 and over | 0.0 | 0.0 | 0.0 |
| Total | 30,726.3 | 74.0 | 40.5 |

327420 Gypsum

| Value of shipments and receipts (million dollars) | | | |
|--|----------------|-------------|-------------|
| Under 20 | Q | 32.7 | Q |
| 20-49 | 2,173.7 | 33.4 | 13.0 |
| 50-99 | 8,490.2 | 23.9 | 11.6 |
| 100-249 | 9,091.5 | 18.3 | 10.1 |
| 250-499 | 8,538.0 | 12.0 | 8.9 |
| 500 and over | 0.0 | 0.0 | 0.0 |
| Total | 7,475.5 | 20.1 | 10.5 |

327993 Mineral wool

| Value of shipments and receipts (million dollars) | | | |
|--|---------|------|-----|
| Under 20 | Q | Q | Q |
| 20-49 | 3,113.3 | 20.7 | 9.5 |

| | | | | |
|---------------|--|----------|--------|------|
| | 50-99 | 2,882.2 | 10.2 | 6.0 |
| | 100-249 | 2,921.4 | 9.7 | 5.5 |
| | 250-499 | 4,425.1 | 5.8 | 4.5 |
| | 500 and over | 0.0 | 0.0 | 0.0 |
| | Total | 3,238.9 | 11.2 | 6.4 |
| 331 | Primary metals | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 953.1 | 6.7 | 4.2 |
| | 20-49 | 934.7 | 6.5 | 2.9 |
| | 50-99 | 663.4 | 2.9 | 1.1 |
| | 100-249 | 1,750.3 | 7.2 | 2.6 |
| | 250-499 | 2,829.2 | 7.6 | 2.6 |
| | 500 and over | 11,073.5 | 17.1 | 6.3 |
| | Total | 4,136.6 | 11.8 | 4.4 |
| 331110 | Iron and steel mills and ferroalloys | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 1,919.0 | -979.1 | 7.2 |
| | 20-49 | 2,636.9 | 11.0 | 5.3 |
| | 50-99 | 4,305.7 | 36.7 | 4.8 |
| | 100-249 | 5,150.2 | 13.9 | 5.7 |
| | 250-499 | 5,431.6 | 11.2 | 4.2 |
| | 500 and over | 15,338.6 | 22.2 | 8.4 |
| | Total | 13,525.4 | 21.2 | 8.0 |
| 3312 | Steel products from purchased steel | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 966.3 | Q | 2.6 |
| | 20-49 | 789.4 | 5.1 | 2.1 |
| | 50-99 | 482.7 | 1.5 | 0.7 |
| | 100-249 | 821.1 | 2.9 | 0.9 |
| | 250-499 | 1,623.5 | 5.1 | 1.4 |
| | 500 and over | 2,890.2 | 3.2 | 1.6 |
| | Total | 1,139.6 | 3.3 | 1.3 |
| 3313 | Alumina and aluminum production and processing | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 5,549.8 | Q | Q |
| | 20-49 | 2,071.7 | 10.5 | 4.2 |
| | 50-99 | 379.6 | 1.7 | 0.5 |
| | 100-249 | 1,840.1 | 9.7 | 2.7 |
| | 250-499 | 5,224.0 | 14.7 | 4.1 |
| | 500 and over | 3,789.3 | 7.8 | 2.9 |
| | Total | 2,416.8 | 8.1 | 2.7 |
| 331314 | Secondary smelting and alloying of aluminum | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 3,258.9 | 40.2 | 12.5 |
| | 20-49 | 3,486.1 | 14.3 | 6.1 |
| | 50-99 | 5,737.3 | 24.5 | 14.4 |
| | 100-249 | 4,262.9 | 13.6 | 2.4 |
| | 250-499 | 6,032.6 | 12.5 | 1.7 |
| | 500 and over | 7,066.1 | 4.1 | 1.3 |
| | Total | 4,508.2 | 11.4 | 2.4 |
| 331315 | Aluminum sheet, plate and foils | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | Q | Q | Q |
| | 20-49 | 3,733.4 | 16.0 | 9.5 |
| | 50-99 | 994.7 | 2.9 | 1.0 |
| | 100-249 | 2,816.4 | 24.1 | 6.2 |
| | 250-499 | 2,069.5 | 2.9 | 0.9 |
| | 500 and over | 3,293.8 | 6.7 | 2.6 |
| | Total | 3,239.2 | 7.4 | 2.7 |

| | | | | |
|---------------|---|---------|------|-----|
| 331318 | Other aluminum rolling, drawing and extruding | | | |
| | Value of shipments and receipts | | | |
| | (million dollars) | | | |
| | Under 20 | 2,395.6 | 18.3 | 8.1 |
| | 20-49 | 1,123.0 | 6.6 | 2.3 |
| | 50-99 | 609.3 | 4.1 | 1.3 |
| | 100-249 | 901.8 | 4.6 | 1.7 |
| | 250-499 | 1,368.1 | 6.1 | 1.8 |
| | 500 and over | 1,479.5 | 6.2 | 2.0 |
| | Total | 1,046.1 | 5.5 | 1.8 |
| 3314 | Nonferrous metal (except aluminum) production and processing | | | |
| | Value of shipments and receipts | | | |
| | (million dollars) | | | |
| | Under 20 | 864.5 | 2.4 | 3.4 |
| | 20-49 | 938.7 | 5.4 | 2.0 |
| | 50-99 | 1,551.9 | 5.1 | 1.8 |
| | 100-249 | 2,287.9 | 8.2 | 2.9 |
| | 250-499 | 1,510.3 | 3.2 | 1.1 |
| | 500 and over | 1,299.0 | 2.6 | 0.5 |
| | Total | 1,619.4 | 4.7 | 1.5 |
| 331410 | Nonferrous metal (except aluminum) smelting and refining | | | |
| | Value of shipments and receipts | | | |
| | (million dollars) | | | |
| | Under 20 | 2,662.1 | 1.8 | 8.9 |
| | 20-49 | 1,186.5 | 6.4 | 2.7 |
| | 50-99 | 574.4 | 1.8 | 0.4 |
| | 100-249 | 7,189.4 | 22.1 | 9.5 |
| | 250-499 | 7,078.4 | 9.4 | 2.9 |
| | 500 and over | 2,203.2 | 1.2 | 0.2 |
| | Total | 4,910.2 | 8.0 | 2.9 |
| 3315 | Foundries | | | |
| | Value of shipments and receipts | | | |
| | (million dollars) | | | |
| | Under 20 | 627.8 | 6.3 | 3.3 |
| | 20-49 | 728.5 | 6.2 | 3.4 |
| | 50-99 | 903.4 | 5.4 | 2.9 |
| | 100-249 | 1,099.2 | 5.3 | 2.8 |
| | 250-499 | 1,030.2 | 4.0 | 2.3 |
| | 500 and over | 9,564.4 | 9.6 | 6.4 |
| | Total | 922.1 | 5.6 | 3.0 |
| 331511 | Iron foundries | | | |
| | Value of shipments and receipts | | | |
| | (million dollars) | | | |
| | Under 20 | 939.9 | 8.7 | 4.5 |
| | 20-49 | 908.3 | 8.3 | 4.1 |
| | 50-99 | 1,192.4 | 6.4 | 3.3 |
| | 100-249 | 1,415.8 | 6.4 | 3.3 |
| | 250-499 | 1,341.5 | 4.2 | 2.8 |
| | 500 and over | 0.0 | 0.0 | 0.0 |
| | Total | 1,444.6 | 7.4 | 4.1 |
| 331523 | Nonferrous metal die-casting foundries | | | |
| | Value of shipments and receipts | | | |
| | (million dollars) | | | |
| | Under 20 | 710.0 | 7.0 | 3.5 |
| | 20-49 | 938.0 | 7.7 | 4.3 |
| | 50-99 | 753.0 | 6.6 | 3.0 |
| | 100-249 | 970.2 | 6.5 | 3.0 |
| | 250-499 | 1,174.9 | 6.3 | 2.9 |
| | 500 and over | 0.0 | 0.0 | 0.0 |
| | Total | 880.1 | 6.8 | 3.3 |
| 331524 | Aluminum foundries, except die-casting | | | |
| | Value of shipments and receipts | | | |
| | (million dollars) | | | |

| | | | |
|--|---|-----|-----|
| Under 20 | 526.3 | 5.4 | 3.4 |
| 20-49 | 495.6 | 3.8 | 2.4 |
| 50-99 | 1,786.1 | 6.5 | 5.5 |
| 100-249 | 428.7 | 2.4 | 1.5 |
| 250-499 | 299.7 | 1.9 | 0.9 |
| 500 and over | 0.0 | 0.0 | 0.0 |
| Total | 497.5 | 3.9 | 2.3 |
| 332 | Fabricated metal products | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 238.2 | 1.9 | 1.2 |
| 20-49 | 196.3 | 1.0 | 0.6 |
| 50-99 | 172.2 | 0.8 | 0.5 |
| 100-249 | Q | Q | Q |
| 250-499 | 635.1 | 2.4 | 1.0 |
| 500 and over | Q | Q | Q |
| Total | 329.3 | 1.8 | 1.0 |
| 333 | Machinery | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 158.6 | 1.2 | 0.7 |
| 20-49 | 113.1 | 0.6 | 0.4 |
| 50-99 | 114.8 | 0.7 | 0.4 |
| 100-249 | 128.1 | 0.6 | 0.4 |
| 250-499 | 269.4 | 1.5 | 0.6 |
| 500 and over | 178.3 | 0.4 | 0.2 |
| Total | 152.6 | 0.7 | 0.4 |
| 334 | Computer and electronic products | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 71.7 | 0.6 | 0.4 |
| 20-49 | 76.6 | 0.5 | 0.3 |
| 50-99 | 177.0 | 1.0 | 0.6 |
| 100-249 | Q | Q | 0.6 |
| 250-499 | 213.0 | 0.5 | 0.3 |
| 500 and over | 165.1 | 0.3 | Q |
| Total | 168.3 | 0.5 | 0.2 |
| 334413 | Semiconductors and related devices | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | Q | 0.9 | 0.6 |
| 20-49 | 785.0 | 5.6 | Q |
| 50-99 | 502.3 | 2.6 | 1.5 |
| 100-249 | 1,135.6 | 5.1 | 3.1 |
| 250-499 | 866.7 | 2.5 | 1.6 |
| 500 and over | 876.8 | 2.1 | 1.0 |
| Total | 761.0 | 2.5 | 1.3 |
| 335 | Electrical equipment, appliances, and components | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 86.0 | 0.8 | 0.4 |
| 20-49 | Q | Q | Q |
| 50-99 | 207.3 | 1.2 | 0.6 |
| 100-249 | 247.0 | 1.3 | 0.6 |
| 250-499 | 208.6 | Q | 0.5 |
| 500 and over | 270.6 | 1.0 | 0.5 |
| Total | 226.2 | 1.1 | 0.5 |
| 336 | Transportation equipment | | |
| Value of shipments and receipts | | | |
| (million dollars) | | | |
| Under 20 | 149.0 | 1.4 | 0.6 |
| 20-49 | 155.8 | 1.1 | 0.5 |
| 50-99 | 204.3 | 1.4 | 0.6 |
| 100-249 | 208.3 | 1.5 | 0.6 |
| 250-499 | 343.8 | 1.7 | 0.7 |

| | | | | |
|---------------|--|---------|------|------|
| | 500 and over | 236.8 | 0.7 | 0.2 |
| | Total | 226.1 | 0.9 | 0.3 |
| 336110 | Automobile and light duty motor vehicle manufacturing | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | Q | 24.5 | 0.4 |
| | 20-49 | 9,506.3 | 57.7 | 20.7 |
| | 50-99 | Q | Q | * |
| | 100-249 | 1,530.1 | 14.0 | 8.8 |
| | 250-499 | 0.0 | 0.0 | 0.0 |
| | 500 and over | 384.9 | 0.9 | 0.2 |
| | Total | 395.0 | 0.9 | 0.2 |
| 3364 | Aerospace product and parts | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 388.4 | 3.5 | 2.0 |
| | 20-49 | 153.1 | 0.9 | 0.6 |
| | 50-99 | 409.8 | 2.1 | 1.2 |
| | 100-249 | 137.1 | 0.8 | 0.4 |
| | 250-499 | 164.8 | 1.0 | 0.5 |
| | 500 and over | 144.9 | 0.5 | 0.2 |
| | Total | 163.9 | 0.7 | 0.3 |
| 336411 | Aircraft | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | Q | Q | Q |
| | 20-49 | 4,196.0 | 10.0 | 4.0 |
| | 50-99 | 65.4 | 0.2 | 0.1 |
| | 100-249 | Q | 0.7 | 0.3 |
| | 250-499 | 71.9 | 0.4 | 0.2 |
| | 500 and over | 99.0 | 0.4 | 0.2 |
| | Total | 101.9 | 0.4 | 0.2 |
| 337 | Furniture and related products | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 84.0 | 1.0 | 0.6 |
| | 20-49 | 194.0 | 2.1 | 0.9 |
| | 50-99 | Q | Q | Q |
| | 100-249 | 182.1 | 1.5 | 0.8 |
| | 250-499 | 297.7 | 1.3 | 0.7 |
| | 500 and over | 112.0 | 0.6 | 0.4 |
| | Total | 198.6 | 1.7 | 0.9 |
| 339 | Miscellaneous | | | |
| | Value of shipments and receipts (million dollars) | | | |
| | Under 20 | 128.8 | 1.0 | 0.7 |
| | 20-49 | 69.9 | 0.6 | 0.3 |
| | 50-99 | 208.7 | Q | 0.7 |
| | 100-249 | 186.8 | 0.8 | 0.5 |
| | 250-499 | 154.4 | Q | 0.4 |
| | 500 and over | 102.5 | 0.3 | 0.2 |
| | Total | 139.4 | 0.7 | 0.4 |

Data Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, 2022 Manufacturing Energy Consumption Survey, and the Bureau of the Census, data files for the 2022 Economic Census, Manufacturing – Industry Series.

Note: Totals may not equal sum of components because of independent rounding. Operating ratios were calculated using the estimates of fuel consumption reported in Table 3.2.

^a The Bureau of the Census classifies establishments using the 2022 North American Industry Classification System (NAICS).

^b Value of shipments and receipts categories were supplied by the Bureau of the Census.

* Estimate less than 0.5

D=Withheld to avoid disclosing data for individual establishments

Q=Withheld because relative standard error (RSE) is greater than 50%

NA=Not available

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure protection of the confidential source data (Project No. 7504703, Disclosure Review Board (DRB) approval number: CBDRB-FY25-0054).

Released: March 2026
 Next MECS will be fielded in 2027

RSE Table 6.3 Relative standard errors for Table 6.3

Unit: Percentage

| NAICS code ^a | Economic characteristic ^b | Consumption per employee | Consumption per dollar of value added |
|----------------------------|--|--------------------------|---------------------------------------|
| Total United States | | | |
| 311 - 339 | All manufacturing industries | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 10.4 | 10.4 |
| | 20-49 | 11.3 | 11.3 |
| | 50-99 | 12.4 | 12.5 |
| | 100-249 | 7.2 | 7.7 |
| | 250-499 | 6.9 | 6.3 |
| | 500 and over | 4.4 | 4.9 |
| | Total | 2.6 | 3.0 |
| 311 | Food | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 19.5 | 21.6 |
| | 20-49 | 30.0 | 32.0 |
| | 50-99 | 12.0 | 11.3 |
| | 100-249 | 9.1 | 7.5 |
| | 250-499 | 9.4 | 7.3 |
| | 500 and over | 4.3 | 4.6 |
| | Total | 4.1 | 3.6 |
| 3112 | Grain and oilseed milling | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 31.9 | 65.9 |
| | 20-49 | 15.0 | 17.4 |
| | 50-99 | 11.6 | 37.2 |
| | 100-249 | 17.8 | 19.9 |
| | 250-499 | 9.0 | 23.2 |
| | 500 and over | 11.0 | 20.0 |
| | Total | 5.6 | 11.1 |
| 311221 | Wet corn milling and starch manufacturing | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 0.0 | 0.0 |
| 31131 | Sugar manufacturing | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |

| | | | |
|-------------|--|------|------|
| | 500 and over | 0.0 | 0.0 |
| | Total | 0.0 | 0.0 |
| 3114 | Fruit and vegetable preserving and specialty foods | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 25.4 | 31.6 |
| | 20-49 | 25.1 | 47.8 |
| | 50-99 | 14.7 | 12.0 |
| | 100-249 | 6.2 | 6.7 |
| | 250-499 | 11.5 | 1.7 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 4.9 | 3.6 |
| 3115 | Dairy product manufacturing | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 41.3 | 44.7 |
| | 20-49 | 48.4 | 50.1 |
| | 50-99 | 12.1 | 20.8 |
| | 100-249 | 10.1 | 11.3 |
| | 250-499 | 13.1 | 7.4 |
| | 500 and over | 5.6 | 9.0 |
| | Total | 5.7 | 5.6 |
| 3116 | Animal slaughtering and processing | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 57.0 | 66.0 |
| | 20-49 | 23.2 | 25.7 |
| | 50-99 | 21.2 | 42.0 |
| | 100-249 | 11.2 | 11.8 |
| | 250-499 | 6.8 | 10.7 |
| | 500 and over | 2.7 | 2.3 |
| | Total | 4.9 | 5.3 |
| 312 | Beverage and tobacco products | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 24.4 | 24.7 |
| | 20-49 | 38.4 | 41.3 |
| | 50-99 | 63.9 | 63.1 |
| | 100-249 | 7.8 | 7.7 |
| | 250-499 | 10.4 | 10.5 |
| | 500 and over | 0.6 | 4.2 |
| | Total | 40.3 | 40.1 |
| 3121 | Beverages | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 24.8 | 25.2 |
| | 20-49 | 43.1 | 45.8 |
| | 50-99 | 64.2 | 63.6 |
| | 100-249 | 8.4 | 8.4 |
| | 250-499 | 11.0 | 10.8 |
| | 500 and over | 0.7 | 14.7 |
| | Total | 41.5 | 41.5 |
| 3122 | Tobacco | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |

| | | |
|--------------|-----|-----|
| 100-249 | 0.0 | 0.0 |
| 250-499 | 0.0 | 0.0 |
| 500 and over | 0.0 | 0.0 |
| Total | 0.0 | 0.0 |

313 Textile mills

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|------|
| Under 20 | 21.5 | 32.8 |
| 20-49 | 26.1 | 27.9 |
| 50-99 | 22.6 | 30.3 |
| 100-249 | 5.9 | 33.2 |
| 250-499 | 9.8 | 22.0 |
| 500 and over | X | X |
| Total | 7.2 | 13.6 |

314 Textile product mills

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|-------|
| Under 20 | 18.6 | 16.3 |
| 20-49 | 65.8 | 58.2 |
| 50-99 | 32.1 | 41.0 |
| 100-249 | 63.1 | 139.2 |
| 250-499 | 26.1 | 30.2 |
| 500 and over | 0.0 | 0.0 |
| Total | 21.0 | 21.8 |

315 Apparel

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|-------|------|
| Under 20 | 19.4 | 36.8 |
| 20-49 | 42.5 | 28.8 |
| 50-99 | 112.4 | 25.0 |
| 100-249 | 11.8 | 51.8 |
| 250-499 | X | X |
| 500 and over | X | X |
| Total | 14.9 | 23.9 |

316 Leather and allied products

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|------|
| Under 20 | 25.8 | 20.2 |
| 20-49 | 15.3 | 13.3 |
| 50-99 | 50.6 | 43.3 |
| 100-249 | 7.3 | 21.3 |
| 250-499 | 0.0 | 0.0 |
| 500 and over | X | X |
| Total | 34.3 | 30.5 |

321 Wood products

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|------|
| Under 20 | 9.8 | 10.8 |
| 20-49 | 18.6 | 18.1 |
| 50-99 | 13.5 | 12.3 |
| 100-249 | 7.6 | 5.5 |
| 250-499 | 12.7 | 7.1 |
| 500 and over | 7.5 | 6.7 |
| Total | 5.0 | 4.4 |

321113 Sawmills

**Value of shipments and receipts
(million dollars)**

| | | |
|----------|-----|------|
| Under 20 | 9.7 | 10.7 |
|----------|-----|------|

| | | |
|--------------|------|------|
| 20-49 | 15.2 | 14.4 |
| 50-99 | 4.4 | 5.3 |
| 100-249 | 4.7 | 1.8 |
| 250-499 | 6.2 | 1.7 |
| 500 and over | X | X |
| Total | 3.9 | 3.1 |

3212 Veneer, plywood, and engineered wood product manufacturing

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|------|
| Under 20 | 25.7 | 37.2 |
| 20-49 | 19.3 | 24.6 |
| 50-99 | 16.3 | 20.2 |
| 100-249 | 6.7 | 7.7 |
| 250-499 | 0.0 | 0.0 |
| 500 and over | 0.0 | 0.0 |
| Total | 7.0 | 6.1 |

321219 Reconstituted wood products

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|-------|------|
| Under 20 | 152.5 | 27.6 |
| 20-49 | 13.4 | 25.4 |
| 50-99 | 0.0 | 0.0 |
| 100-249 | 2.0 | 0.8 |
| 250-499 | 0.0 | 0.0 |
| 500 and over | X | X |
| Total | 12.8 | 0.4 |

3219 Other wood products

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|------|
| Under 20 | 16.6 | 19.0 |
| 20-49 | 46.3 | 45.4 |
| 50-99 | 40.0 | 39.8 |
| 100-249 | 20.0 | 18.2 |
| 250-499 | 13.0 | 13.3 |
| 500 and over | 10.2 | 8.9 |
| Total | 17.0 | 17.0 |

322 Paper

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|------|
| Under 20 | 26.1 | 42.8 |
| 20-49 | 38.8 | 36.2 |
| 50-99 | 19.5 | 14.4 |
| 100-249 | 26.7 | 24.8 |
| 250-499 | 11.1 | 8.5 |
| 500 and over | 55.6 | 18.2 |
| Total | 11.2 | 8.0 |

322110 Pulp mills

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|-----|-----|
| Under 20 | 0.0 | 0.0 |
| 20-49 | X | X |
| 50-99 | 0.0 | 0.0 |
| 100-249 | 0.0 | 0.0 |
| 250-499 | 0.0 | 0.0 |
| 500 and over | 0.0 | 0.0 |
| Total | 0.0 | 0.0 |

322120 Paper mills

Value of shipments and receipts

| | | | |
|---------------|--|------|------|
| | (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 0.0 | 0.0 |
| 322130 | Paperboard mills | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 0.0 | 0.0 |
| 323 | Printing and related support | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 14.9 | 14.2 |
| | 20-49 | 28.1 | 27.5 |
| | 50-99 | 22.8 | 16.6 |
| | 100-249 | 22.6 | 37.0 |
| | 250-499 | 77.7 | 77.7 |
| | 500 and over | 99.0 | 18.4 |
| | Total | 10.8 | 10.3 |
| 324 | Petroleum and coal products | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 5.9 | 9.8 |
| | 20-49 | 10.6 | 8.9 |
| | 50-99 | 12.0 | 6.0 |
| | 100-249 | 3.2 | 1.9 |
| | 250-499 | 3.4 | 9.9 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 1.2 | 0.3 |
| 324110 | Petroleum refineries | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | X | X |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 0.0 | 0.0 |
| 324121 | Asphalt paving mixture and block | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 6.1 | 11.8 |
| | 20-49 | 7.2 | 6.0 |
| | 50-99 | 1.4 | 1.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | X | X |
| | Total | 3.7 | 4.5 |
| 324122 | Asphalt shingle and coating materials | | |

| | | | |
|---------------|--|------|-------|
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 32.7 | 31.1 |
| | 20-49 | 10.0 | 20.1 |
| | 50-99 | 3.0 | 4.8 |
| | 100-249 | 1.2 | 0.1 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 3.0 | 0.8 |
| 324191 | Petroleum lubricating oil and grease manufacturing | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 48.8 | 41.1 |
| | 20-49 | 97.5 | 105.1 |
| | 50-99 | 22.1 | 11.1 |
| | 100-249 | 8.1 | 6.1 |
| | 250-499 | 48.4 | 57.2 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 12.6 | 12.8 |
| 324199 | All other petroleum and coal products manufacturing | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 0.0 | 0.0 |
| 325 | Chemicals | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 15.1 | 14.5 |
| | 20-49 | 27.7 | 28.2 |
| | 50-99 | 15.3 | 16.1 |
| | 100-249 | 10.4 | 13.0 |
| | 250-499 | 27.4 | 10.5 |
| | 500 and over | 3.2 | 10.9 |
| | Total | 5.4 | 7.3 |
| 325110 | Petrochemicals | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | X | X |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 0.0 | 0.0 |
| 325120 | Industrial gases | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 49.7 | 61.7 |
| | 20-49 | 70.2 | 42.7 |
| | 50-99 | 44.5 | 28.6 |
| | 100-249 | 2.5 | 2.5 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 18.9 | 16.3 |

| | | | |
|---------------|---|------|-------|
| 325180 | Other basic inorganic chemical manufacturing | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 73.6 | 36.9 |
| | 20-49 | 27.9 | 32.3 |
| | 50-99 | 21.6 | 9.8 |
| | 100-249 | 20.2 | 7.8 |
| | 250-499 | 46.5 | 18.8 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 16.7 | 6.8 |
| 325193 | Ethyl alcohol | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 41.5 | 83.1 |
| | 50-99 | 6.9 | 72.1 |
| | 100-249 | 2.2 | 6.1 |
| | 250-499 | 1.6 | 7.3 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 1.7 | 3.5 |
| 325194 | Cyclic crudes, intermediate and gum and wood chemicals | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 0.0 | 0.0 |
| 325199 | All other basic organic chemical manufacturing | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 45.8 | 185.7 |
| | 20-49 | 39.0 | 111.0 |
| | 50-99 | 43.3 | 35.4 |
| | 100-249 | 25.7 | 17.9 |
| | 250-499 | 12.6 | 12.4 |
| | 500 and over | 1.3 | 2.9 |
| | Total | 7.2 | 6.4 |
| 325211 | Plastics materials and resins | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 81.5 | 98.1 |
| | 20-49 | 28.9 | 27.3 |
| | 50-99 | 20.4 | 14.2 |
| | 100-249 | 9.5 | 54.5 |
| | 250-499 | 18.2 | 8.2 |
| | 500 and over | 4.3 | 9.6 |
| | Total | 10.6 | 7.9 |
| 325212 | Synthetic rubber | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 63.5 | 165.4 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |

| | | | |
|---------------|--|------|-------|
| | 500 and over | 0.0 | 0.0 |
| | Total | 4.8 | 4.3 |
| 325220 | Artificial and synthetic fibers and filaments | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 36.9 | 37.4 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 5.0 | 1.5 |
| 325311 | Nitrogenous fertilizers | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 0.0 | 0.0 |
| 325312 | Phosphatic fertilizers | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | X | X |
| | 500 and over | 0.0 | 0.0 |
| | Total | 0.0 | 0.0 |
| 3254 | Pharmaceuticals and medicines | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 24.4 | 64.2 |
| | 20-49 | 29.9 | 28.4 |
| | 50-99 | 25.7 | 27.3 |
| | 100-249 | 23.5 | 24.0 |
| | 250-499 | 53.5 | 21.3 |
| | 500 and over | 5.6 | 3.6 |
| | Total | 12.4 | 9.2 |
| 325412 | Pharmaceutical preparation | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 19.5 | 186.2 |
| | 20-49 | 50.8 | 54.1 |
| | 50-99 | 14.9 | 29.7 |
| | 100-249 | 34.2 | 34.5 |
| | 250-499 | 4.6 | 27.9 |
| | 500 and over | 11.6 | 11.1 |
| | Total | 16.0 | 15.1 |
| 325992 | Photographic film, paper, plate, chemical, and copy toner manufacturing | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |

| | | |
|--------------|-----|-----|
| 100-249 | 0.0 | 0.0 |
| 250-499 | 0.0 | 0.0 |
| 500 and over | 0.0 | 0.0 |
| Total | 0.0 | 0.0 |

326 Plastics and rubber products

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|------|
| Under 20 | 26.7 | 27.2 |
| 20-49 | 30.1 | 28.1 |
| 50-99 | 39.6 | 27.0 |
| 100-249 | 37.4 | 40.2 |
| 250-499 | 26.9 | 65.9 |
| 500 and over | 25.2 | 51.4 |
| Total | 15.6 | 18.3 |

327 Nonmetallic mineral products

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|-------|
| Under 20 | 39.2 | 39.4 |
| 20-49 | 35.9 | 39.0 |
| 50-99 | 32.0 | 30.6 |
| 100-249 | 10.1 | 13.1 |
| 250-499 | 0.0 | 0.0 |
| 500 and over | 25.6 | 118.0 |
| Total | 14.2 | 15.2 |

327120 Clay building material and refractories

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|------|
| Under 20 | 9.7 | 7.7 |
| 20-49 | 11.1 | 13.8 |
| 50-99 | 0.1 | 1.0 |
| 100-249 | 0.0 | 0.0 |
| 250-499 | X | X |
| 500 and over | X | X |
| Total | 5.2 | 5.5 |

327211 Flat glass

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|------|
| Under 20 | 11.6 | 9.9 |
| 20-49 | 77.7 | 41.0 |
| 50-99 | 0.0 | 0.0 |
| 100-249 | 0.0 | 0.0 |
| 250-499 | 0.0 | 0.0 |
| 500 and over | X | X |
| Total | 3.3 | 1.3 |

327212 Other pressed and blown glass and glassware

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|------|
| Under 20 | 10.4 | 25.5 |
| 20-49 | 16.1 | 8.4 |
| 50-99 | 0.0 | 0.0 |
| 100-249 | 0.0 | 0.0 |
| 250-499 | 0.0 | 0.0 |
| 500 and over | X | X |
| Total | 2.5 | 2.2 |

327213 Glass containers

**Value of shipments and receipts
(million dollars)**

| | | |
|----------|------|------|
| Under 20 | 16.7 | 17.2 |
|----------|------|------|

| | | |
|--------------|-----|-----|
| 20-49 | 0.0 | 0.0 |
| 50-99 | 0.0 | 0.0 |
| 100-249 | 0.0 | 0.0 |
| 250-499 | 0.0 | 0.0 |
| 500 and over | X | X |
| Total | 0.1 | 0.1 |

327215 Glass products from purchased glass

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|------|
| Under 20 | 92.3 | 92.8 |
| 20-49 | 6.2 | 10.4 |
| 50-99 | 9.9 | 12.7 |
| 100-249 | 7.3 | 4.2 |
| 250-499 | 0.0 | 0.0 |
| 500 and over | 0.0 | 0.0 |
| Total | 73.1 | 73.1 |

327310 Cements

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|------|
| Under 20 | 85.4 | 83.3 |
| 20-49 | 0.0 | 0.0 |
| 50-99 | 11.9 | 5.6 |
| 100-249 | 5.9 | 1.6 |
| 250-499 | 0.0 | 0.0 |
| 500 and over | 0.0 | 0.0 |
| Total | 4.3 | 1.7 |

327410 Lime

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|-----|-----|
| Under 20 | 0.0 | 0.0 |
| 20-49 | 0.0 | 0.0 |
| 50-99 | 0.0 | 0.0 |
| 100-249 | 0.0 | 0.0 |
| 250-499 | X | X |
| 500 and over | X | X |
| Total | 0.0 | 0.0 |

327420 Gypsum

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|------|------|
| Under 20 | 64.2 | 27.5 |
| 20-49 | 5.1 | 2.9 |
| 50-99 | 12.8 | 12.8 |
| 100-249 | 0.4 | 2.7 |
| 250-499 | 0.0 | 0.0 |
| 500 and over | X | X |
| Total | 4.0 | 5.3 |

327993 Mineral wool

**Value of shipments and receipts
(million dollars)**

| | | |
|--------------|-------|-------|
| Under 20 | 108.6 | 107.4 |
| 20-49 | 0.0 | 0.0 |
| 50-99 | 0.0 | 0.0 |
| 100-249 | 16.2 | 6.4 |
| 250-499 | 0.0 | 0.0 |
| 500 and over | X | X |
| Total | 20.7 | 17.3 |

331 Primary metals

Value of shipments and receipts

| | | | |
|---------------|---|-------|-------|
| | (million dollars) | | |
| | Under 20 | 5.8 | 7.5 |
| | 20-49 | 4.5 | 4.3 |
| | 50-99 | 2.9 | 7.5 |
| | 100-249 | 1.5 | 2.6 |
| | 250-499 | 1.0 | 3.6 |
| | 500 and over | 0.1 | 0.3 |
| | Total | 0.9 | 1.0 |
| 331110 | Iron and steel mills and ferroalloys | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 0.0 | 0.0 |
| 3312 | Steel products from purchased steel | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 15.1 | 66.7 |
| | 20-49 | 7.8 | 11.4 |
| | 50-99 | 12.7 | 34.7 |
| | 100-249 | 10.4 | 15.0 |
| | 250-499 | 5.2 | 20.9 |
| | 500 and over | 1.7 | 4.8 |
| | Total | 3.8 | 6.4 |
| 3313 | Alumina and aluminum production and processing | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 14.0 | 61.8 |
| | 20-49 | 7.1 | 4.6 |
| | 50-99 | 0.3 | 0.5 |
| | 100-249 | 2.4 | 2.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 0.7 | 0.5 |
| 331314 | Secondary smelting and alloying of aluminum | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 0.0 | 0.0 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 0.0 | 0.0 |
| 331315 | Aluminum sheet, plate and foils | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 117.2 | 379.4 |
| | 20-49 | 0.0 | 0.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 0.5 | 0.7 |
| 331318 | Other aluminum rolling, drawing and extruding | | |

| | | | |
|---------------|---|------|------|
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 20.7 | 30.2 |
| | 20-49 | 12.7 | 10.1 |
| | 50-99 | 1.9 | 1.1 |
| | 100-249 | 4.0 | 3.1 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 2.1 | 1.7 |
| 3314 | Nonferrous metal (except aluminum) production and processing | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 40.3 | 14.8 |
| | 20-49 | 23.2 | 16.8 |
| | 50-99 | 26.7 | 23.7 |
| | 100-249 | 2.7 | 3.1 |
| | 250-499 | 2.7 | 5.7 |
| | 500 and over | 0.4 | 1.5 |
| | Total | 4.0 | 2.7 |
| 331410 | Nonferrous metal (except aluminum) smelting and refining | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 5.1 | 4.3 |
| | 20-49 | 19.3 | 25.4 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 1.9 | 0.7 |
| 3315 | Foundries | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 7.2 | 7.1 |
| | 20-49 | 3.1 | 3.8 |
| | 50-99 | 3.7 | 6.7 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 1.6 | 1.6 |
| 331511 | Iron foundries | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 21.8 | 24.6 |
| | 20-49 | 2.3 | 6.2 |
| | 50-99 | 8.5 | 7.4 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | X | X |
| | Total | 2.6 | 2.6 |
| 331523 | Nonferrous metal die-casting foundries | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 5.5 | 7.0 |
| | 20-49 | 5.3 | 6.4 |
| | 50-99 | 2.0 | 1.3 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | X | X |
| | Total | 1.8 | 1.9 |

| | | | |
|---------------|---|-------|-------|
| 331524 | Aluminum foundries, except die-casting | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 3.6 | 5.1 |
| | 20-49 | 7.7 | 11.0 |
| | 50-99 | 0.0 | 0.0 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | X | X |
| | Total | 2.7 | 3.8 |
| 332 | Fabricated metal products | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 19.5 | 19.2 |
| | 20-49 | 20.8 | 22.9 |
| | 50-99 | 26.0 | 30.5 |
| | 100-249 | 78.3 | 86.4 |
| | 250-499 | 47.2 | 40.9 |
| | 500 and over | 196.0 | 324.8 |
| | Total | 24.3 | 25.6 |
| 333 | Machinery | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 25.9 | 25.8 |
| | 20-49 | 22.5 | 21.7 |
| | 50-99 | 24.0 | 29.5 |
| | 100-249 | 34.8 | 38.6 |
| | 250-499 | 40.5 | 39.9 |
| | 500 and over | 16.9 | 22.3 |
| | Total | 10.5 | 13.2 |
| 334 | Computer and electronic products | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 23.9 | 22.3 |
| | 20-49 | 22.0 | 20.4 |
| | 50-99 | 26.7 | 42.2 |
| | 100-249 | 50.3 | 50.4 |
| | 250-499 | 26.1 | 39.2 |
| | 500 and over | 17.0 | 30.3 |
| | Total | 13.5 | 19.5 |
| 334413 | Semiconductors and related devices | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 58.8 | 48.4 |
| | 20-49 | 18.0 | 38.2 |
| | 50-99 | 16.1 | 37.9 |
| | 100-249 | 0.7 | 0.7 |
| | 250-499 | 8.6 | 13.6 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 4.6 | 5.1 |
| 335 | Electrical equipment, appliances, and components | | |
| | Value of shipments and receipts | | |
| | (million dollars) | | |
| | Under 20 | 15.5 | 22.2 |
| | 20-49 | 58.8 | 64.7 |
| | 50-99 | 23.2 | 29.2 |
| | 100-249 | 32.4 | 37.6 |
| | 250-499 | 48.8 | 59.1 |

| | | | |
|---------------|--|--------|--------|
| | 500 and over | 14.6 | 15.5 |
| | Total | 10.0 | 11.6 |
| 336 | Transportation equipment | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 22.6 | 23.8 |
| | 20-49 | 24.2 | 21.7 |
| | 50-99 | 26.0 | 27.1 |
| | 100-249 | 22.5 | 23.2 |
| | 250-499 | 22.3 | 27.7 |
| | 500 and over | 4.1 | 8.7 |
| | Total | 5.5 | 7.7 |
| 336110 | Automobile and light duty motor vehicle manufacturing | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 109.6 | 24.6 |
| | 20-49 | 16.5 | 16.5 |
| | 50-99 | 82.5 | 82.5 |
| | 100-249 | 0.0 | 0.0 |
| | 250-499 | X | X |
| | 500 and over | 0.6 | 0.6 |
| | Total | 0.7 | 0.7 |
| 3364 | Aerospace product and parts | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 29.8 | 36.9 |
| | 20-49 | 16.3 | 25.6 |
| | 50-99 | 26.7 | 28.7 |
| | 100-249 | 31.1 | 25.8 |
| | 250-499 | 3.2 | 2.3 |
| | 500 and over | 0.5 | 0.4 |
| | Total | 6.0 | 4.6 |
| 336411 | Aircraft | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 1025.6 | 5762.1 |
| | 20-49 | 49.4 | 30.8 |
| | 50-99 | 13.9 | 16.4 |
| | 100-249 | 109.2 | 43.2 |
| | 250-499 | 0.0 | 0.0 |
| | 500 and over | 0.0 | 0.0 |
| | Total | 6.4 | 4.1 |
| 337 | Furniture and related products | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 16.6 | 18.7 |
| | 20-49 | 32.6 | 36.9 |
| | 50-99 | 79.3 | 73.5 |
| | 100-249 | 24.1 | 17.2 |
| | 250-499 | 9.9 | 23.3 |
| | 500 and over | 14.9 | 10.0 |
| | Total | 30.1 | 27.9 |
| 339 | Miscellaneous | | |
| | Value of shipments and receipts (million dollars) | | |
| | Under 20 | 27.8 | 28.8 |
| | 20-49 | 31.6 | 34.9 |
| | 50-99 | 37.5 | 53.8 |

| | | |
|--------------|------|------|
| 100-249 | 24.8 | 29.5 |
| 250-499 | 23.1 | 81.2 |
| 500 and over | 22.6 | 13.5 |
| Total | 13.5 | 15.6 |

Data Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, *2022 Manufacturing Energy Survey*, and the Bureau of the Census, data files for the *2022 Economic Census, Manufacturing – Industry Series*.

Note: Totals may not equal sum of components because of independent rounding. Operating ratios were calculated using the estimates of fuel consumption in Table 3.2.

^a The Bureau of the Census classifies establishments using the 2022 North American Industry Classification System (NAICS).

^b *Value of shipments and receipts* categories were supplied by the Bureau of the Census.

* Estimate less than 0.5

D=Withheld to avoid disclosing data for individual establishments

Q=Withheld because relative standard error (RSE) is greater than 50%

NA=Not available

X=Not defined because RSE corresponds to a data table value of zero

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure protection of the confidential source data (Project Disclosure Review Board (DRB) approval number: CBDRB-FY25-0054).

0.0
0.0

29.0
41.6
10.6
5.3
2.4
0.0
3.9

29.2
43.7
13.4
6.2
11.0
6.6
5.2

58.1
28.6
23.8
10.7
8.3
2.4
4.9

24.3
38.3
62.7
6.5
8.9
3.3
40.1

24.7
43.0
63.2
7.0
9.5
9.0
41.3

0.0
0.0
0.0

0.0
0.0
0.0
0.0

26.4
26.4
24.4
10.5
11.6
X
7.5

17.7
51.6
58.0
87.0
37.3
0.0
16.6

28.7
27.2
245.4
70.9
X
X
21.1

21.0
13.8
47.9
28.9
0.0
X
31.7

9.7
17.8
10.9
5.9
7.1
5.8
4.2

9.3

15.4
4.8
3.1
3.0
X
3.0

30.6
23.9
15.7
8.1
0.0
0.0
6.1

133.2
28.0
0.0
1.6
0.0
X
3.1

17.4
45.2
37.5
19.2
14.9
8.3
16.7

33.8
35.3
13.7
20.6
11.5
21.6
8.0

0.0
X
0.0
0.0
0.0
0.0
0.0

0.0
0.0
0.0
0.0
0.0
0.0
0.0

0.0
0.0
0.0
0.0
0.0
0.0
0.0

14.6
31.6
15.6
38.2
77.7
39.7
10.9

5.0
5.7
5.5
11.8
0.8
0.0
0.2

X
0.0
0.0
0.0
0.0
0.0
0.0

6.0
5.0
1.0
0.0
0.0
X
3.0

28.8
5.6
4.0
0.8
0.0
0.0
0.9

45.7
53.4
9.2
28.4
45.4
0.0
11.0

0.0
0.0
0.0
0.0
0.0
0.0
0.0

14.3
26.7
13.6
13.2
6.0
9.1
5.8

0.0
0.0
0.0
X
0.0
0.0
0.0

51.0
23.8
28.3
2.5
0.0
0.0
12.5

57.0

24.7

9.8

6.5

26.8

0.0

9.6

0.0

57.3

8.0

2.2

1.1

0.0

0.9

0.0

0.0

0.0

0.0

0.0

0.0

0.0

37.2

64.4

25.4

17.8

8.8

3.2

4.3

79.2

25.5

22.5

33.6

31.7

8.8

6.9

96.1

0.0

0.0

0.0

0.0

0.0
2.5

0.0
19.0
0.0
0.0
0.0
0.0
1.3

0.0
0.0
0.0
0.0
0.0
0.0
0.0

0.0
0.0
0.0
0.0
X
0.0
0.0

46.8
30.5
27.8
23.3
12.8
4.3
9.2

102.5
71.7
24.0
34.1
19.4
11.5
15.3

0.0
0.0
0.0

0.0
0.0
0.0
0.0

27.5
27.2
23.2
37.2
56.8
30.6
15.5

39.5
35.7
32.7
10.8
0.0
120.5
14.6

9.5
18.0
1.1
0.0
X
X
6.8

5.3
42.4
0.0
0.0
0.0
X
1.5

21.7
10.5
0.0
0.0
0.0
X
2.0

22.0

0.0
0.0
0.0
0.0
X
0.1

92.5
8.9
12.9
11.0
0.0
0.0
73.0

79.6
0.0
1.2
5.1
0.0
0.0
2.6

0.0
0.0
0.0
0.0
X
X
0.0

62.5
2.5
12.8
1.3
0.0
X
4.7

127.3
0.0
0.0
19.7
0.0
X
21.2

7.9
4.9
3.5
2.8
2.1
0.1
0.7

0.0
0.0
0.0
0.0
0.0
0.0
0.0

42.5
11.8
15.0
13.5
5.9
2.3
4.2

66.7
5.4
0.4
1.1
0.0
0.0
0.4

0.0
0.0
0.0
0.0
0.0
0.0
0.0

680.3
0.0
0.0
0.0
0.0
0.0
0.7

36.9
10.4
2.4
2.2
0.0
0.0
1.4

28.0
17.3
13.1
4.6
4.8
0.5
2.2

4.8
16.2
0.0
0.0
0.0
0.0
0.5

7.3
2.8
4.5
0.0
0.0
0.0
1.4

22.2
3.4
8.3
0.0
0.0
X
2.4

11.4
5.5
1.2
0.0
0.0
X
2.3

5.1
4.7
0.0
0.0
0.0
X
2.2

19.5
22.6
28.3
71.4
26.2
376.0
25.6

26.1
22.6
25.2
32.6
39.2
19.6
12.7

21.3
21.3
35.8
37.7
30.5
68.0
39.2

40.0
54.5
24.3
0.7
12.0
0.0
3.6

19.9
57.0
28.0
33.1
48.4

12.2
10.4

21.7
22.6
23.2
22.5
31.7
5.6
6.3

9.1
16.5
82.5
0.0
X
0.6
0.7

31.3
19.6
28.2
18.6
1.8
0.4
4.0

1703.5
25.4
11.6
23.0
0.0
0.0
3.7

15.9
41.2
82.4
18.7
23.2
11.3
29.9

28.2
29.0
45.1

| | |
|-------|------|
| ----- | 27.8 |
| ----- | 37.5 |
| ----- | 16.5 |
| ----- | 14.5 |
| ===== | |

Energy Consumption

Consumption reported

Project No. 7504703,