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Next MECS will be fielded in 2027

**Table 11.5 Electricity: sales to utility and nonutility purchasers, 2022**

Level: National and regional data  
Row: NAICS codes  
Column: Utility and nonutility purchasers  
Unit: Million kilowatthours

| NAICS<br>code <sup>a</sup> | Subsector and industry  | Total of<br>sales and<br>transfers offsite | Utility<br>purchaser <sup>b</sup> | Nonutility<br>purchaser <sup>c</sup> |
|----------------------------|---|--|-----------------------------------|--------------------------------------|
| Total United States        |   |  |                                   |                                      |
| 311                        | Food  | 421  | 420                               | 1                                    |
| 3112                       | Grain and Oilseed Milling   | 15   | 15                                | 0                                    |
| 311221                     | Wet Corn Milling and Starch Manufacturing                               | 0  | 0                                 | 0                                    |
| 31131                      | Sugar Manufacturing   | 146  | 146                               | 0                                    |
| 3114                       | Fruit and Vegetable Preserving and Specialty Food                       | 24   | 23                                | 1                                    |
| 3115                       | Dairy Product Manufacturing   | 41   | 41                                | 0                                    |
| 3116                       | Animal Slaughtering and Processing                                      | Q  | Q                                 | *                                    |
| 312                        | Beverage and Tobacco Products   | 30   | 30                                | 0                                    |
| 3121                       | Beverages   | 30   | 30                                | 0                                    |
| 3122                       | Tobacco   | *  | *                                 | 0                                    |
| 313                        | Textile Mills   | *  | *                                 | 0                                    |
| 314                        | Textile Product Mills   | Q  | 0                                 | Q                                    |
| 315                        | Apparel   | Q  | Q                                 | 0                                    |
| 316                        | Leather and Allied Products   | 0  | 0                                 | 0                                    |
| 321                        | Wood Products   | 1,329                                      | 1,312                             | 17                                   |
| 321113                     | Sawmills  | 1,212                                      | 1,207                             | 4                                    |
| 3212                       | Veneer, Plywood, and Engineered Wood Product Manufacturing              | 100  | 87                                | 13                                   |
| 321219                     | Reconstituted Wood Products   | 0  | 0                                 | 0                                    |
| 3219                       | Other Wood Products   | Q  | Q                                 | 0                                    |
| 322                        | Paper   | 5,027                                      | 4,813                             | 214                                  |
| 322110                     | Pulp Mills  | 921  | 921                               | 0                                    |
| 322120                     | Paper Mills   | 1,513                                      | 1,392                             | 121                                  |
| 322130                     | Paperboard Mills  | 2,246                                      | 2,218                             | 27                                   |
| 323                        | Printing and Related Support  | Q  | Q                                 | 0                                    |
| 324                        | Petroleum and Coal Products   | 6,640                                      | 2,701                             | 3,939                                |
| 324110                     | Petroleum Refineries  | 5,538                                      | 2,009                             | 3,529                                |
| 324121                     | Asphalt Paving Mixture and Block  | 2  | 2                                 | *                                    |
| 324122                     | Asphalt Shingle and Coating Materials                                   | 0  | 0                                 | 0                                    |
| 324191                     | Petroleum Lubricating Oil and Grease Manufacturing                      | 85   | 43                                | 43                                   |
| 324199                     | All Other Petroleum and Coal Products Manufacturing                     | 1,014                                      | 647                               | 367                                  |
| 325                        | Chemicals   | 15,770                                     | 7,763                             | 8,007                                |
| 325110                     | Petrochemicals  | 1,178                                      | 273                               | 906                                  |
| 325120                     | Industrial Gases  | 1,427                                      | 0                                 | 1,427                                |
| 325180                     | Other Basic Inorganic Chemical Manufacturing                            | 1,242                                      | 958                               | 284                                  |
| 325193                     | Ethyl Alcohol   | Q  | Q                                 | 0                                    |
| 325194                     | Cyclic Crudes, Intermediate and Gum and Wood Chemicals                  | 1,059                                      | *                                 | 1,059                                |
| 325199                     | All Other Basic Organic Chemical Manufacturing                          | 1,079                                      | 922                               | 157                                  |
| 325211                     | Plastics Materials and Resins   | 8,739                                      | 5,404                             | 3,335                                |
| 325212                     | Synthetic Rubber  | 39   | 39                                | 0                                    |
| 325220                     | Artificial and Synthetic Fibers and Filaments                           | 0  | 0                                 | 0                                    |
| 325311                     | Nitrogenous Fertilizers   | 30   | 4                                 | 26                                   |
| 325312                     | Phosphatic Fertilizers  | 65   | 65                                | 0                                    |
| 3254                       | Pharmaceuticals and Medicines   | 12   | 10                                | 2                                    |
| 325412                     | Pharmaceutical Preparation  | 5  | 3                                 | 2                                    |
| 325992                     | Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing | 3  | 0                                 | 3                                    |
| 326                        | Plastics and Rubber Products  | Q  | Q                                 | 0                                    |
| 327                        | Nonmetallic Mineral Products  | 78   | 51                                | 26                                   |
| 327120                     | Clay Building Material and Refractories                                 | 0  | 0                                 | 0                                    |
| 327211                     | Flat Glass  | *  | *                                 | 0                                    |
| 327212                     | Other Pressed and Blown Glass and Glassware                             | 10   | 10                                | 0                                    |
| 327213                     | Glass Containers  | 0  | 0                                 | 0                                    |
| 327215                     | Glass Products from Purchased Glass                                     | 4  | 4                                 | 0                                    |
| 327310                     | Cements   | 0  | 0                                 | 0                                    |
| 327410                     | Lime  | 0  | 0                                 | 0                                    |
| 327420                     | Gypsum  | 3  | 3                                 | 0                                    |

|        |  |        |        |        |
|--------|--|--------|--------|--------|
| 327993 | Mineral Wool   | 33     | 33     | *      |
| 331    | Primary Metals   | 302    | 131    | 171    |
| 331110 | Iron and Steel Mills and Ferroalloys                         | 261    | 91     | 170    |
| 3312   | Steel Products from Purchased Steel                          | 36     | 36     | 0      |
| 3313   | Alumina and Aluminum Production and Processing               | 3      | 3      | 0      |
| 331314 | Secondary Smelting and Alloying of Aluminum                  | 3      | 3      | 0      |
| 331315 | Aluminum Sheet, Plate and Foils                              | 0      | 0      | 0      |
| 331318 | Other Aluminum Rolling, Drawing and Extruding                | *      | *      | 0      |
| 3314   | Nonferrous Metal (except Aluminum) Production and Processing | Q      | 0      | Q      |
| 331410 | Nonferrous Metal (except Aluminum) Smelting and Refining     | 0      | 0      | 0      |
| 3315   | Foundries  | 1      | 1      | 0      |
| 331511 | Iron Foundries   | 0      | 0      | 0      |
| 331523 | Nonferrous Metal Die-Casting Foundries                       | 0      | 0      | 0      |
| 331524 | Aluminum Foundries, except Die-Casting                       | 0      | 0      | 0      |
| 332    | Fabricated Metal Products                                    | Q      | Q      | Q      |
| 333    | Machinery  | Q      | Q      | 0      |
| 334    | Computer and Electronic Products                             | Q      | Q      | 0      |
| 334413 | Semiconductors and Related Devices                           | 0      | 0      | 0      |
| 335    | Electrical Equip., Appliances, and Components                | 0      | 0      | 0      |
| 336    | Transportation Equipment                                     | 61     | 20     | 42     |
| 336110 | Automobile and Light Duty Motor Vehicle Manufacturing        | 52     | 12     | 40     |
| 3364   | Aerospace Product and Parts                                  | 3      | 3      | 0      |
| 336411 | Aircraft   | 2      | 2      | 0      |
| 337    | Furniture and Related Products                               | Q      | Q      | 0      |
| 339    | Miscellaneous  | Q      | Q      | 0      |
|        | Total  | 30,129 | 17,348 | 12,781 |

#### Northeast Census Region

|        |  |     |     |     |
|--------|--|-----|-----|-----|
| 311    | Food   | 2   | 1   | 1   |
| 3112   | Grain and Oilseed Milling                                  | 0   | 0   | 0   |
| 311221 | Wet Corn Milling and Starch Manufacturing                  | 0   | 0   | 0   |
| 31131  | Sugar Manufacturing  | 0   | 0   | 0   |
| 3114   | Fruit and Vegetable Preserving and Specialty Food          | 1   | 0   | 1   |
| 3115   | Dairy Product Manufacturing                                | 0   | 0   | 0   |
| 3116   | Animal Slaughtering and Processing                         | 1   | 1   | 0   |
| 312    | Beverage and Tobacco Products                              | Q   | Q   | 0   |
| 3121   | Beverages  | Q   | Q   | 0   |
| 3122   | Tobacco  | *   | *   | 0   |
| 313    | Textile Mills  | *   | *   | 0   |
| 314    | Textile Product Mills                                      | Q   | 0   | Q   |
| 315    | Apparel  | Q   | Q   | 0   |
| 316    | Leather and Allied Products                                | 0   | 0   | 0   |
| 321    | Wood Products  | Q   | Q   | Q   |
| 321113 | Sawmills   | 0   | 0   | 0   |
| 3212   | Veneer, Plywood, and Engineered Wood Product Manufacturing | Q   | 0   | Q   |
| 321219 | Reconstituted Wood Products                                | 0   | 0   | 0   |
| 3219   | Other Wood Products  | Q   | Q   | 0   |
| 322    | Paper  | 891 | 705 | 187 |
| 322110 | Pulp Mills   | 117 | 117 | 0   |
| 322120 | Paper Mills  | 608 | 487 | 121 |
| 322130 | Paperboard Mills   | 5   | 5   | 0   |
| 323    | Printing and Related Support                               | 0   | 0   | 0   |
| 324    | Petroleum and Coal Products                                | 13  | 0   | 13  |
| 324110 | Petroleum Refineries                                       | 13  | 0   | 13  |
| 324121 | Asphalt Paving Mixture and Block                           | 0   | 0   | 0   |
| 324122 | Asphalt Shingle and Coating Materials                      | 0   | 0   | 0   |
| 324191 | Petroleum Lubricating Oil and Grease Manufacturing         | *   | 0   | *   |
| 324199 | All Other Petroleum and Coal Products Manufacturing        | 0   | 0   | 0   |
| 325    | Chemicals  | 14  | 9   | 6   |
| 325110 | Petrochemicals   | 0   | 0   | 0   |
| 325120 | Industrial Gases   | 0   | 0   | 0   |
| 325180 | Other Basic Inorganic Chemical Manufacturing               | 0   | 0   | 0   |
| 325193 | Ethyl Alcohol  | 0   | 0   | 0   |
| 325194 | Cyclic Crudes, Intermediate and Gum and Wood Chemicals     | 0   | 0   | 0   |
| 325199 | All Other Basic Organic Chemical Manufacturing             | 0   | 0   | 0   |
| 325211 | Plastics Materials and Resins                              | 2   | 2   | 0   |
| 325212 | Synthetic Rubber   | 0   | 0   | 0   |
| 325220 | Artificial and Synthetic Fibers and Filaments              | 0   | 0   | 0   |

|        |   |       |     |     |
|--------|---|-------|-----|-----|
| 325311 | Nitrogenous Fertilizers   | 0     | 0   | 0   |
| 325312 | Phosphatic Fertilizers  | 0     | 0   | 0   |
| 3254   | Pharmaceuticals and Medicines   | 9     | 7   | 2   |
| 325412 | Pharmaceutical Preparation  | 2     | 0   | 2   |
| 325992 | Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing | 3     | 0   | 3   |
| 326    | Plastics and Rubber Products  | Q     | Q   | 0   |
| 327    | Nonmetallic Mineral Products  | 16    | 16  | *   |
| 327120 | Clay Building Material and Refractories                                 | 0     | 0   | 0   |
| 327211 | Flat Glass  | *     | *   | 0   |
| 327212 | Other Pressed and Blown Glass and Glassware                             | 10    | 10  | 0   |
| 327213 | Glass Containers  | 0     | 0   | 0   |
| 327215 | Glass Products from Purchased Glass                                     | 3     | 3   | 0   |
| 327310 | Cements   | 0     | 0   | 0   |
| 327410 | Lime  | 0     | 0   | 0   |
| 327420 | Gypsum  | 3     | 3   | 0   |
| 327993 | Mineral Wool  | *     | 0   | *   |
| 331    | Primary Metals  | 52    | Q   | 19  |
| 331110 | Iron and Steel Mills and Ferroalloys                                    | 18    | 0   | 18  |
| 3312   | Steel Products from Purchased Steel                                     | Q     | Q   | 0   |
| 3313   | Alumina and Aluminum Production and Processing                          | 0     | 0   | 0   |
| 331314 | Secondary Smelting and Alloying of Aluminum                             | 0     | 0   | 0   |
| 331315 | Aluminum Sheet, Plate and Foils   | 0     | 0   | 0   |
| 331318 | Other Aluminum Rolling, Drawing and Extruding                           | 0     | 0   | 0   |
| 3314   | Nonferrous Metal (except Aluminum) Production and Processing            | Q     | 0   | Q   |
| 331410 | Nonferrous Metal (except Aluminum) Smelting and Refining                | 0     | 0   | 0   |
| 3315   | Foundries   | 0     | 0   | 0   |
| 331511 | Iron Foundries  | 0     | 0   | 0   |
| 331523 | Nonferrous Metal Die-Casting Foundries                                  | 0     | 0   | 0   |
| 331524 | Aluminum Foundries, except Die-Casting                                  | 0     | 0   | 0   |
| 332    | Fabricated Metal Products   | Q     | Q   | 0   |
| 333    | Machinery   | Q     | Q   | 0   |
| 334    | Computer and Electronic Products  | Q     | Q   | 0   |
| 334413 | Semiconductors and Related Devices                                      | 0     | 0   | 0   |
| 335    | Electrical Equip., Appliances, and Components                           | 0     | 0   | 0   |
| 336    | Transportation Equipment  | 9     | Q   | 1   |
| 336110 | Automobile and Light Duty Motor Vehicle Manufacturing                   | 0     | 0   | 0   |
| 3364   | Aerospace Product and Parts   | 3     | 3   | 0   |
| 336411 | Aircraft  | 2     | 2   | 0   |
| 337    | Furniture and Related Products  | 0     | 0   | 0   |
| 339    | Miscellaneous   | Q     | Q   | 0   |
|        | Total   | 1,068 | 840 | 228 |

| Midwest Census Region |  |     |     |     |
|-----------------------|--|-----|-----|-----|
| 311                   | Food   | 39  | 39  | *   |
| 3112                  | Grain and Oilseed Milling                                  | 15  | 15  | 0   |
| 311221                | Wet Corn Milling and Starch Manufacturing                  | 0   | 0   | 0   |
| 31131                 | Sugar Manufacturing  | 22  | 22  | 0   |
| 3114                  | Fruit and Vegetable Preserving and Specialty Food          | 2   | 2   | 0   |
| 3115                  | Dairy Product Manufacturing                                | 0   | 0   | 0   |
| 3116                  | Animal Slaughtering and Processing                         | *   | *   | *   |
| 312                   | Beverage and Tobacco Products                              | 0   | 0   | 0   |
| 3121                  | Beverages  | 0   | 0   | 0   |
| 3122                  | Tobacco  | 0   | 0   | 0   |
| 313                   | Textile Mills  | 0   | 0   | 0   |
| 314                   | Textile Product Mills                                      | 0   | 0   | 0   |
| 315                   | Apparel  | 0   | 0   | 0   |
| 316                   | Leather and Allied Products                                | 0   | 0   | 0   |
| 321                   | Wood Products  | *   | *   | 0   |
| 321113                | Sawmills   | 0   | 0   | 0   |
| 3212                  | Veneer, Plywood, and Engineered Wood Product Manufacturing | 0   | 0   | 0   |
| 321219                | Reconstituted Wood Products                                | 0   | 0   | 0   |
| 3219                  | Other Wood Products  | *   | *   | 0   |
| 322                   | Paper  | 154 | 154 | 0   |
| 322110                | Pulp Mills   | 14  | 14  | 0   |
| 322120                | Paper Mills  | 137 | 137 | 0   |
| 322130                | Paperboard Mills   | 0   | 0   | 0   |
| 323                   | Printing and Related Support                               | 0   | 0   | 0   |
| 324                   | Petroleum and Coal Products                                | 746 | 329 | 417 |

|        |   |       |     |     |
|--------|---|-------|-----|-----|
| 324110 | Petroleum Refineries  | 90    | 28  | 62  |
| 324121 | Asphalt Paving Mixture and Block  | *     | 0   | *   |
| 324122 | Asphalt Shingle and Coating Materials                                   | 0     | 0   | 0   |
| 324191 | Petroleum Lubricating Oil and Grease Manufacturing                      | 0     | 0   | 0   |
| 324199 | All Other Petroleum and Coal Products Manufacturing                     | 656   | 301 | 354 |
| 325    | Chemicals   | 73    | 34  | 39  |
| 325110 | Petrochemicals  | 0     | 0   | 0   |
| 325120 | Industrial Gases  | 0     | 0   | 0   |
| 325180 | Other Basic Inorganic Chemical Manufacturing                            | 27    | 18  | 9   |
| 325193 | Ethyl Alcohol   | Q     | Q   | 0   |
| 325194 | Cyclic Crudes, Intermediate and Gum and Wood Chemicals                  | *     | *   | 0   |
| 325199 | All Other Basic Organic Chemical Manufacturing                          | 0     | 0   | 0   |
| 325211 | Plastics Materials and Resins   | 4     | 0   | 4   |
| 325212 | Synthetic Rubber  | 0     | 0   | 0   |
| 325220 | Artificial and Synthetic Fibers and Filaments                           | 0     | 0   | 0   |
| 325311 | Nitrogenous Fertilizers   | 26    | 0   | 26  |
| 325312 | Phosphatic Fertilizers  | 0     | 0   | 0   |
| 3254   | Pharmaceuticals and Medicines   | *     | *   | 0   |
| 325412 | Pharmaceutical Preparation  | 0     | 0   | 0   |
| 325992 | Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing | 0     | 0   | 0   |
| 326    | Plastics and Rubber Products  | 0     | 0   | 0   |
| 327    | Nonmetallic Mineral Products  | 27    | Q   | 26  |
| 327120 | Clay Building Material and Refractories                                 | 0     | 0   | 0   |
| 327211 | Flat Glass  | 0     | 0   | 0   |
| 327212 | Other Pressed and Blown Glass and Glassware                             | 0     | 0   | 0   |
| 327213 | Glass Containers  | 0     | 0   | 0   |
| 327215 | Glass Products from Purchased Glass                                     | 0     | 0   | 0   |
| 327310 | Cements   | 0     | 0   | 0   |
| 327410 | Lime  | 0     | 0   | 0   |
| 327420 | Gypsum  | 0     | 0   | 0   |
| 327993 | Mineral Wool  | 0     | 0   | 0   |
| 331    | Primary Metals  | 242   | 90  | 152 |
| 331110 | Iron and Steel Mills and Ferroalloys                                    | 239   | 88  | 152 |
| 3312   | Steel Products from Purchased Steel                                     | 0     | 0   | 0   |
| 3313   | Alumina and Aluminum Production and Processing                          | 3     | 3   | 0   |
| 331314 | Secondary Smelting and Alloying of Aluminum                             | 3     | 3   | 0   |
| 331315 | Aluminum Sheet, Plate and Foils   | 0     | 0   | 0   |
| 331318 | Other Aluminum Rolling, Drawing and Extruding                           | 0     | 0   | 0   |
| 3314   | Nonferrous Metal (except Aluminum) Production and Processing            | 0     | 0   | 0   |
| 331410 | Nonferrous Metal (except Aluminum) Smelting and Refining                | 0     | 0   | 0   |
| 3315   | Foundries   | 0     | 0   | 0   |
| 331511 | Iron Foundries  | 0     | 0   | 0   |
| 331523 | Nonferrous Metal Die-Casting Foundries                                  | 0     | 0   | 0   |
| 331524 | Aluminum Foundries, except Die-Casting                                  | 0     | 0   | 0   |
| 332    | Fabricated Metal Products   | Q     | 0   | Q   |
| 333    | Machinery   | Q     | Q   | 0   |
| 334    | Computer and Electronic Products  | 0     | 0   | 0   |
| 334413 | Semiconductors and Related Devices                                      | 0     | 0   | 0   |
| 335    | Electrical Equip., Appliances, and Components                           | 0     | 0   | 0   |
| 336    | Transportation Equipment  | 4     | 4   | 0   |
| 336110 | Automobile and Light Duty Motor Vehicle Manufacturing                   | 4     | 4   | 0   |
| 3364   | Aerospace Product and Parts   | 0     | 0   | 0   |
| 336411 | Aircraft  | 0     | 0   | 0   |
| 337    | Furniture and Related Products  | 0     | 0   | 0   |
| 339    | Miscellaneous   | 0     | 0   | 0   |
|        | Total   | 1,650 | 652 | 997 |

#### South Census Region

|        |   |     |     |   |
|--------|---|-----|-----|---|
| 311    | Food  | 378 | 378 | 0 |
| 3112   | Grain and Oilseed Milling                         | 0   | 0   | 0 |
| 311221 | Wet Corn Milling and Starch Manufacturing         | 0   | 0   | 0 |
| 31131  | Sugar Manufacturing                               | 124 | 124 | 0 |
| 3114   | Fruit and Vegetable Preserving and Specialty Food | 19  | 19  | 0 |
| 3115   | Dairy Product Manufacturing                       | 41  | 41  | 0 |
| 3116   | Animal Slaughtering and Processing                | Q   | Q   | 0 |
| 312    | Beverage and Tobacco Products                     | Q   | Q   | 0 |
| 3121   | Beverages   | Q   | Q   | 0 |
| 3122   | Tobacco   | 0   | 0   | 0 |

|        |   |        |       |       |
|--------|---|--------|-------|-------|
| 313    | Textile Mills   | *      | *     | 0     |
| 314    | Textile Product Mills   | 0      | 0     | 0     |
| 315    | Apparel   | 0      | 0     | 0     |
| 316    | Leather and Allied Products   | 0      | 0     | 0     |
| 321    | Wood Products   | 63     | 50    | 12    |
| 321113 | Sawmills  | 46     | 46    | 0     |
| 3212   | Veneer, Plywood, and Engineered Wood Product Manufacturing              | 15     | 2     | 12    |
| 321219 | Reconstituted Wood Products   | 0      | 0     | 0     |
| 3219   | Other Wood Products   | 2      | 2     | 0     |
| 322    | Paper   | 2,045  | 2,018 | 27    |
| 322110 | Pulp Mills  | 790    | 790   | 0     |
| 322120 | Paper Mills   | 242    | 242   | 0     |
| 322130 | Paperboard Mills  | 1,013  | 986   | 27    |
| 323    | Printing and Related Support  | 0      | 0     | 0     |
| 324    | Petroleum and Coal Products   | 4,456  | 1,927 | 2,529 |
| 324110 | Petroleum Refineries  | 4,012  | 1,539 | 2,473 |
| 324121 | Asphalt Paving Mixture and Block  | 0      | 0     | 0     |
| 324122 | Asphalt Shingle and Coating Materials                                   | 0      | 0     | 0     |
| 324191 | Petroleum Lubricating Oil and Grease Manufacturing                      | 85     | 43    | 43    |
| 324199 | All Other Petroleum and Coal Products Manufacturing                     | 358    | 345   | 13    |
| 325    | Chemicals   | 14,465 | 6,502 | 7,962 |
| 325110 | Petrochemicals  | 1,178  | 273   | 906   |
| 325120 | Industrial Gases  | 1,427  | 0     | 1,427 |
| 325180 | Other Basic Inorganic Chemical Manufacturing                            | 601    | 325   | 275   |
| 325193 | Ethyl Alcohol   | 0      | 0     | 0     |
| 325194 | Cyclic Crudes, Intermediate and Gum and Wood Chemicals                  | 1,059  | 0     | 1,059 |
| 325199 | All Other Basic Organic Chemical Manufacturing                          | 544    | 387   | 157   |
| 325211 | Plastics Materials and Resins   | 8,733  | 5,402 | 3,331 |
| 325212 | Synthetic Rubber  | 38     | 38    | 0     |
| 325220 | Artificial and Synthetic Fibers and Filaments                           | 0      | 0     | 0     |
| 325311 | Nitrogenous Fertilizers   | 4      | 4     | 0     |
| 325312 | Phosphatic Fertilizers  | 1      | 1     | 0     |
| 3254   | Pharmaceuticals and Medicines   | 3      | 3     | 0     |
| 325412 | Pharmaceutical Preparation  | 3      | 3     | 0     |
| 325992 | Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing | 0      | 0     | 0     |
| 326    | Plastics and Rubber Products  | 0      | 0     | 0     |
| 327    | Nonmetallic Mineral Products  | 33     | 33    | 0     |
| 327120 | Clay Building Material and Refractories                                 | 0      | 0     | 0     |
| 327211 | Flat Glass  | 0      | 0     | 0     |
| 327212 | Other Pressed and Blown Glass and Glassware                             | 0      | 0     | 0     |
| 327213 | Glass Containers  | 0      | 0     | 0     |
| 327215 | Glass Products from Purchased Glass                                     | 0      | 0     | 0     |
| 327310 | Cements   | 0      | 0     | 0     |
| 327410 | Lime  | 0      | 0     | 0     |
| 327420 | Gypsum  | 0      | 0     | 0     |
| 327993 | Mineral Wool  | 33     | 33    | 0     |
| 331    | Primary Metals  | 6      | 6     | 0     |
| 331110 | Iron and Steel Mills and Ferroalloys                                    | 3      | 3     | 0     |
| 3312   | Steel Products from Purchased Steel                                     | Q      | Q     | 0     |
| 3313   | Alumina and Aluminum Production and Processing                          | 0      | 0     | 0     |
| 331314 | Secondary Smelting and Alloying of Aluminum                             | 0      | 0     | 0     |
| 331315 | Aluminum Sheet, Plate and Foils   | 0      | 0     | 0     |
| 331318 | Other Aluminum Rolling, Drawing and Extruding                           | 0      | 0     | 0     |
| 3314   | Nonferrous Metal (except Aluminum) Production and Processing            | 0      | 0     | 0     |
| 331410 | Nonferrous Metal (except Aluminum) Smelting and Refining                | 0      | 0     | 0     |
| 3315   | Foundries   | 0      | 0     | 0     |
| 331511 | Iron Foundries  | 0      | 0     | 0     |
| 331523 | Nonferrous Metal Die-Casting Foundries                                  | 0      | 0     | 0     |
| 331524 | Aluminum Foundries, except Die-Casting                                  | 0      | 0     | 0     |
| 332    | Fabricated Metal Products   | Q      | Q     | 0     |
| 333    | Machinery   | Q      | Q     | 0     |
| 334    | Computer and Electronic Products  | 0      | 0     | 0     |
| 334413 | Semiconductors and Related Devices                                      | 0      | 0     | 0     |
| 335    | Electrical Equip., Appliances, and Components                           | 0      | 0     | 0     |
| 336    | Transportation Equipment  | 49     | 8     | 40    |
| 336110 | Automobile and Light Duty Motor Vehicle Manufacturing                   | 49     | 8     | 40    |
| 3364   | Aerospace Product and Parts   | *      | *     | 0     |
| 336411 | Aircraft  | *      | *     | 0     |

|     |                                |        |        |        |
|-----|--------------------------------|--------|--------|--------|
| 337 | Furniture and Related Products | 0      | 0      | 0      |
| 339 | Miscellaneous                  | 0      | 0      | 0      |
|     | Total                          | 21,533 | 10,963 | 10,571 |

**West Census Region**

|        |   |       |       |     |
|--------|---|-------|-------|-----|
| 311    | Food  | Q     | Q     | 0   |
| 3112   | Grain and Oilseed Milling   | 0     | 0     | 0   |
| 311221 | Wet Corn Milling and Starch Manufacturing                               | 0     | 0     | 0   |
| 31131  | Sugar Manufacturing   | *     | *     | 0   |
| 3114   | Fruit and Vegetable Preserving and Specialty Food                       | Q     | Q     | 0   |
| 3115   | Dairy Product Manufacturing   | 0     | 0     | 0   |
| 3116   | Animal Slaughtering and Processing                                      | *     | *     | 0   |
| 312    | Beverage and Tobacco Products   | 12    | 12    | 0   |
| 3121   | Beverages   | 12    | 12    | 0   |
| 3122   | Tobacco   | 0     | 0     | 0   |
| 313    | Textile Mills   | *     | *     | 0   |
| 314    | Textile Product Mills   | 0     | 0     | 0   |
| 315    | Apparel   | *     | *     | 0   |
| 316    | Leather and Allied Products   | 0     | 0     | 0   |
| 321    | Wood Products   | 1,251 | 1,247 | 4   |
| 321113 | Sawmills  | 1,166 | 1,162 | 4   |
| 3212   | Veneer, Plywood, and Engineered Wood Product Manufacturing              | 84    | 84    | *   |
| 321219 | Reconstituted Wood Products   | 0     | 0     | 0   |
| 3219   | Other Wood Products   | Q     | Q     | 0   |
| 322    | Paper   | 1,937 | 1,937 | 0   |
| 322110 | Pulp Mills  | 0     | 0     | 0   |
| 322120 | Paper Mills   | 527   | 527   | 0   |
| 322130 | Paperboard Mills  | 1,227 | 1,227 | 0   |
| 323    | Printing and Related Support  | Q     | Q     | 0   |
| 324    | Petroleum and Coal Products   | 1,426 | 444   | 981 |
| 324110 | Petroleum Refineries  | 1,423 | 442   | 981 |
| 324121 | Asphalt Paving Mixture and Block  | 2     | 2     | 0   |
| 324122 | Asphalt Shingle and Coating Materials                                   | 0     | 0     | 0   |
| 324191 | Petroleum Lubricating Oil and Grease Manufacturing                      | 0     | 0     | 0   |
| 324199 | All Other Petroleum and Coal Products Manufacturing                     | 1     | 1     | 0   |
| 325    | Chemicals   | 1,218 | 1,218 | 0   |
| 325110 | Petrochemicals  | 0     | 0     | 0   |
| 325120 | Industrial Gases  | 0     | 0     | 0   |
| 325180 | Other Basic Inorganic Chemical Manufacturing                            | 614   | 614   | 0   |
| 325193 | Ethyl Alcohol   | 0     | 0     | 0   |
| 325194 | Cyclic Crudes, Intermediate and Gum and Wood Chemicals                  | 0     | 0     | 0   |
| 325199 | All Other Basic Organic Chemical Manufacturing                          | 535   | 535   | 0   |
| 325211 | Plastics Materials and Resins   | 0     | 0     | 0   |
| 325212 | Synthetic Rubber  | 1     | 1     | 0   |
| 325220 | Artificial and Synthetic Fibers and Filaments                           | 0     | 0     | 0   |
| 325311 | Nitrogenous Fertilizers   | *     | *     | 0   |
| 325312 | Phosphatic Fertilizers  | 65    | 65    | 0   |
| 3254   | Pharmaceuticals and Medicines   | *     | *     | 0   |
| 325412 | Pharmaceutical Preparation  | 0     | 0     | 0   |
| 325992 | Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing | 0     | 0     | 0   |
| 326    | Plastics and Rubber Products  | 0     | 0     | 0   |
| 327    | Nonmetallic Mineral Products  | Q     | Q     | 0   |
| 327120 | Clay Building Material and Refractories                                 | 0     | 0     | 0   |
| 327211 | Flat Glass  | 0     | 0     | 0   |
| 327212 | Other Pressed and Blown Glass and Glassware                             | 0     | 0     | 0   |
| 327213 | Glass Containers  | 0     | 0     | 0   |
| 327215 | Glass Products from Purchased Glass                                     | Q     | Q     | 0   |
| 327310 | Cements   | 0     | 0     | 0   |
| 327410 | Lime  | 0     | 0     | 0   |
| 327420 | Gypsum  | 0     | 0     | 0   |
| 327993 | Mineral Wool  | *     | *     | 0   |
| 331    | Primary Metals  | 2     | 2     | 0   |
| 331110 | Iron and Steel Mills and Ferroalloys                                    | 0     | 0     | 0   |
| 3312   | Steel Products from Purchased Steel                                     | 0     | 0     | 0   |
| 3313   | Alumina and Aluminum Production and Processing                          | *     | *     | 0   |
| 331314 | Secondary Smelting and Alloying of Aluminum                             | 0     | 0     | 0   |
| 331315 | Aluminum Sheet, Plate and Foils   | 0     | 0     | 0   |
| 331318 | Other Aluminum Rolling, Drawing and Extruding                           | *     | *     | 0   |

|        |  |       |       |     |
|--------|--|-------|-------|-----|
| 3314   | Nonferrous Metal (except Aluminum) Production and Processing | 0     | 0     | 0   |
| 331410 | Nonferrous Metal (except Aluminum) Smelting and Refining     | 0     | 0     | 0   |
| 3315   | Foundries  | 1     | 1     | 0   |
| 331511 | Iron Foundries   | 0     | 0     | 0   |
| 331523 | Nonferrous Metal Die-Casting Foundries                       | 0     | 0     | 0   |
| 331524 | Aluminum Foundries, except Die-Casting                       | 0     | 0     | 0   |
| 332    | Fabricated Metal Products                                    | Q     | Q     | 0   |
| 333    | Machinery  | *     | *     | 0   |
| 334    | Computer and Electronic Products                             | Q     | Q     | 0   |
| 334413 | Semiconductors and Related Devices                           | 0     | 0     | 0   |
| 335    | Electrical Equip., Appliances, and Components                | 0     | 0     | 0   |
| 336    | Transportation Equipment                                     | 0     | 0     | 0   |
| 336110 | Automobile and Light Duty Motor Vehicle Manufacturing        | 0     | 0     | 0   |
| 3364   | Aerospace Product and Parts                                  | 0     | 0     | 0   |
| 336411 | Aircraft   | 0     | 0     | 0   |
| 337    | Furniture and Related Products                               | Q     | Q     | 0   |
| 339    | Miscellaneous  | Q     | Q     | 0   |
|        | Total  | 5,878 | 4,893 | 986 |

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-846, 2022 *Manufacturing Energy Consumption Survey*

Note: Totals may not equal sum of components because of independent rounding.

<sup>a</sup> The Bureau of the Census classifies establishments using the 2022 North American Industry Classification System (NAICS).

<sup>b</sup> A *utility* is a company in the local area that produces and/or delivers electricity and is legally obligated to provide service to the general public within its franchise area.

<sup>c</sup> *Nonutility* includes consumers, such as other manufacturers, households, and commercial entities; generators of electricity, such as independent power producers, small power producers, and co-generators not located at the establishment site; and suppliers, such as brokers, marketers, and marketing subsidiaries of utilities.

\* 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).*

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Next MECS will be fielded in 2027

**RSE Table 11.5 Relative standard errors for table 11.5**

Unit: Percentage

| NAICS<br>code <sup>a</sup> | Subsector and industry  | Total of<br>sales and<br>transfers offsite | Utility<br>purchaser <sup>b</sup> | Nonutility<br>purchaser <sup>c</sup> |
|----------------------------|---|--|-----------------------------------|--------------------------------------|
| Total United States        |   |  |                                   |                                      |
| 311                        | Food  | 27.0                                       | 27.1                              | 0.1                                  |
| 3112                       | Grain and Oilseed Milling   | 0.0  | 0.0                               | X                                    |
| 311221                     | Wet Corn Milling and Starch Manufacturing                               | X  | X                                 | X                                    |
| 31131                      | Sugar Manufacturing   | 0.0  | 0.0                               | X                                    |
| 3114                       | Fruit and Vegetable Preserving and Specialty Food                       | 6.9  | 7.2                               | 0.0                                  |
| 3115                       | Dairy Product Manufacturing   | 0.0  | 0.0                               | X                                    |
| 3116                       | Animal Slaughtering and Processing                                      | 58.3                                       | 58.3                              | 97.2                                 |
| 312                        | Beverage and Tobacco Products   | 29.4                                       | 29.4                              | X                                    |
| 3121                       | Beverages   | 29.4                                       | 29.4                              | X                                    |
| 3122                       | Tobacco   | 0.0  | 0.0                               | X                                    |
| 313                        | Textile Mills   | 68.8                                       | 68.8                              | X                                    |
| 314                        | Textile Product Mills   | 99.3                                       | X                                 | 99.3                                 |
| 315                        | Apparel   | 99.1                                       | 99.1                              | X                                    |
| 316                        | Leather and Allied Products   | X  | X                                 | X                                    |
| 321                        | Wood Products   | 0.7  | 0.7                               | 3.4                                  |
| 321113                     | Sawmills  | 0.0  | 0.0                               | 0.0                                  |
| 3212                       | Veneer, Plywood, and Engineered Wood Product Manufacturing              | 0.6  | 0.0                               | 4.5                                  |
| 321219                     | Reconstituted Wood Products   | X  | X                                 | X                                    |
| 3219                       | Other Wood Products   | 52.1                                       | 52.1                              | X                                    |
| 322                        | Paper   | 2.2  | 2.3                               | 0.0                                  |
| 322110                     | Pulp Mills  | 0.0  | 0.0                               | X                                    |
| 322120                     | Paper Mills   | 0.0  | 0.0                               | 0.0                                  |
| 322130                     | Paperboard Mills  | 0.0  | 0.0                               | 0.0                                  |
| 323                        | Printing and Related Support  | 99.0                                       | 99.0                              | X                                    |
| 324                        | Petroleum and Coal Products   | 0.1  | 0.1                               | 0.1                                  |
| 324110                     | Petroleum Refineries  | 0.0  | 0.0                               | 0.0                                  |
| 324121                     | Asphalt Paving Mixture and Block  | 28.9                                       | 30.8                              | 75.6                                 |
| 324122                     | Asphalt Shingle and Coating Materials                                   | X  | X                                 | X                                    |
| 324191                     | Petroleum Lubricating Oil and Grease Manufacturing                      | 0.0  | 0.0                               | 0.0                                  |
| 324199                     | All Other Petroleum and Coal Products Manufacturing                     | 0.0  | 0.0                               | 0.0                                  |
| 325                        | Chemicals   | 1.2  | 0.6                               | 2.4                                  |
| 325110                     | Petrochemicals  | 0.0  | 0.0                               | 0.0                                  |
| 325120                     | Industrial Gases  | 0.0  | X                                 | 0.0                                  |
| 325180                     | Other Basic Inorganic Chemical Manufacturing                            | 4.0  | 4.9                               | 5.8                                  |
| 325193                     | Ethyl Alcohol   | 56.8                                       | 56.8                              | X                                    |
| 325194                     | Cyclic Crudes, Intermediate and Gum and Wood Chemicals                  | 0.0  | 0.0                               | 0.0                                  |
| 325199                     | All Other Basic Organic Chemical Manufacturing                          | 1.6  | 0.0                               | 10.9                                 |
| 325211                     | Plastics Materials and Resins   | 0.1  | 0.1                               | 0.0                                  |
| 325212                     | Synthetic Rubber  | 0.0  | 0.0                               | X                                    |
| 325220                     | Artificial and Synthetic Fibers and Filaments                           | X  | X                                 | X                                    |
| 325311                     | Nitrogenous Fertilizers   | 0.0  | 0.0                               | 0.0                                  |
| 325312                     | Phosphatic Fertilizers  | 0.0  | 0.0                               | X                                    |
| 3254                       | Pharmaceuticals and Medicines   | 2.4  | 3.0                               | 0.0                                  |
| 325412                     | Pharmaceutical Preparation  | 0.0  | 0.0                               | 0.0                                  |
| 325992                     | Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing | 0.0  | X                                 | 0.0                                  |
| 326                        | Plastics and Rubber Products  | 83.5                                       | 83.5                              | X                                    |
| 327                        | Nonmetallic Mineral Products  | 4.7  | 7.1                               | 0.1                                  |
| 327120                     | Clay Building Material and Refractories                                 | X  | X                                 | X                                    |
| 327211                     | Flat Glass  | 0.0  | 0.0                               | X                                    |
| 327212                     | Other Pressed and Blown Glass and Glassware                             | 33.4                                       | 33.4                              | X                                    |
| 327213                     | Glass Containers  | X  | X                                 | X                                    |
| 327215                     | Glass Products from Purchased Glass                                     | 32.0                                       | 32.0                              | X                                    |
| 327310                     | Cements   | X  | X                                 | X                                    |
| 327410                     | Lime  | X  | X                                 | X                                    |
| 327420                     | Gypsum  | 0.0  | 0.0                               | X                                    |
| 327993                     | Mineral Wool  | 0.0  | 0.0                               | 0.0                                  |
| 331                        | Primary Metals  | 5.7  | 13.1                              | 0.4                                  |
| 331110                     | Iron and Steel Mills and Ferroalloys                                    | 0.0  | 0.0                               | 0.0                                  |
| 3312                       | Steel Products from Purchased Steel                                     | 47.8                                       | 47.8                              | X                                    |
| 3313                       | Alumina and Aluminum Production and Processing                          | 11.4                                       | 11.4                              | X                                    |
| 331314                     | Secondary Smelting and Alloying of Aluminum                             | 0.0  | 0.0                               | X                                    |



|        |  |      |      |      |
|--------|--|------|------|------|
| 331315 | Aluminum Sheet, Plate and Foils                              | X    | X    | X    |
| 331318 | Other Aluminum Rolling, Drawing and Extruding                | 87.7 | 87.7 | X    |
| 3314   | Nonferrous Metal (except Aluminum) Production and Processing | 92.6 | X    | 92.6 |
| 331410 | Nonferrous Metal (except Aluminum) Smelting and Refining     | X    | X    | X    |
| 3315   | Foundries  | 0.0  | 0.0  | X    |
| 331511 | Iron Foundries   | X    | X    | X    |
| 331523 | Nonferrous Metal Die-Casting Foundries                       | X    | X    | X    |
| 331524 | Aluminum Foundries, except Die-Casting                       | X    | X    | X    |
| 332    | Fabricated Metal Products                                    | 77.0 | 61.7 | 78.6 |
| 333    | Machinery  | 79.3 | 79.3 | X    |
| 334    | Computer and Electronic Products                             | 86.9 | 86.9 | X    |
| 334413 | Semiconductors and Related Devices                           | X    | X    | X    |
| 335    | Electrical Equip., Appliances, and Components                | X    | X    | X    |
| 336    | Transportation Equipment                                     | 7.6  | 23.8 | 1.1  |
| 336110 | Automobile and Light Duty Motor Vehicle Manufacturing        | 4.2  | 18.2 | 0.0  |
| 3364   | Aerospace Product and Parts                                  | 0.0  | 0.0  | X    |
| 336411 | Aircraft   | 0.0  | 0.0  | X    |
| 337    | Furniture and Related Products                               | 90.2 | 90.2 | X    |
| 339    | Miscellaneous  | 53.8 | 53.8 | X    |
|        | Total  | 1.3  | 1.0  | 2.7  |

#### Northeast Census Region

|        |   |      |      |      |
|--------|---|------|------|------|
| 311    | Food  | 23.3 | 48.8 | 0.0  |
| 3112   | Grain and Oilseed Milling   | X    | X    | X    |
| 311221 | Wet Corn Milling and Starch Manufacturing                               | X    | X    | X    |
| 31131  | Sugar Manufacturing   | X    | X    | X    |
| 3114   | Fruit and Vegetable Preserving and Specialty Food                       | 0.0  | X    | 0.0  |
| 3115   | Dairy Product Manufacturing   | X    | X    | X    |
| 3116   | Animal Slaughtering and Processing                                      | 48.8 | 48.8 | X    |
| 312    | Beverage and Tobacco Products   | 63.9 | 63.9 | X    |
| 3121   | Beverages   | 64.5 | 64.5 | X    |
| 3122   | Tobacco   | 0.0  | 0.0  | X    |
| 313    | Textile Mills   | 0.0  | 0.0  | X    |
| 314    | Textile Product Mills   | 99.3 | X    | 99.3 |
| 315    | Apparel   | 99.1 | 99.1 | X    |
| 316    | Leather and Allied Products   | X    | X    | X    |
| 321    | Wood Products   | 58.7 | 61.0 | 92.0 |
| 321113 | Sawmills  | X    | X    | X    |
| 3212   | Veneer, Plywood, and Engineered Wood Product Manufacturing              | 92.0 | X    | 92.0 |
| 321219 | Reconstituted Wood Products   | X    | X    | X    |
| 3219   | Other Wood Products   | 61.0 | 61.0 | X    |
| 322    | Paper   | 0.5  | 0.7  | 0.0  |
| 322110 | Pulp Mills  | 0.0  | 0.0  | X    |
| 322120 | Paper Mills   | 0.0  | 0.0  | 0.0  |
| 322130 | Paperboard Mills  | 0.0  | 0.0  | X    |
| 323    | Printing and Related Support  | X    | X    | X    |
| 324    | Petroleum and Coal Products   | 0.0  | X    | 0.0  |
| 324110 | Petroleum Refineries  | 0.0  | X    | 0.0  |
| 324121 | Asphalt Paving Mixture and Block  | X    | X    | X    |
| 324122 | Asphalt Shingle and Coating Materials                                   | X    | X    | X    |
| 324191 | Petroleum Lubricating Oil and Grease Manufacturing                      | 0.0  | X    | 0.0  |
| 324199 | All Other Petroleum and Coal Products Manufacturing                     | X    | X    | X    |
| 325    | Chemicals   | 0.0  | 0.0  | 0.0  |
| 325110 | Petrochemicals  | X    | X    | X    |
| 325120 | Industrial Gases  | X    | X    | X    |
| 325180 | Other Basic Inorganic Chemical Manufacturing                            | X    | X    | X    |
| 325193 | Ethyl Alcohol   | X    | X    | X    |
| 325194 | Cyclic Crudes, Intermediate and Gum and Wood Chemicals                  | X    | X    | X    |
| 325199 | All Other Basic Organic Chemical Manufacturing                          | X    | X    | X    |
| 325211 | Plastics Materials and Resins   | 0.0  | 0.0  | X    |
| 325212 | Synthetic Rubber  | X    | X    | X    |
| 325220 | Artificial and Synthetic Fibers and Filaments                           | X    | X    | X    |
| 325311 | Nitrogenous Fertilizers   | X    | X    | X    |
| 325312 | Phosphatic Fertilizers  | X    | X    | X    |
| 3254   | Pharmaceuticals and Medicines   | 0.0  | 0.0  | 0.0  |
| 325412 | Pharmaceutical Preparation  | 0.0  | X    | 0.0  |
| 325992 | Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing | 0.0  | X    | 0.0  |
| 326    | Plastics and Rubber Products  | 83.5 | 83.5 | X    |
| 327    | Nonmetallic Mineral Products  | 21.3 | 21.3 | 0.0  |
| 327120 | Clay Building Material and Refractories                                 | X    | X    | X    |
| 327211 | Flat Glass  | 0.0  | 0.0  | X    |

|        |  |      |      |      |
|--------|--|------|------|------|
| 327212 | Other Pressed and Blown Glass and Glassware                  | 33.4 | 33.4 | X    |
| 327213 | Glass Containers   | X    | X    | X    |
| 327215 | Glass Products from Purchased Glass                          | 10.1 | 10.1 | X    |
| 327310 | Cements  | X    | X    | X    |
| 327410 | Lime   | X    | X    | X    |
| 327420 | Gypsum   | 0.0  | 0.0  | X    |
| 327993 | Mineral Wool   | 0.0  | X    | 0.0  |
| 331    | Primary Metals   | 32.8 | 51.2 | 3.7  |
| 331110 | Iron and Steel Mills and Ferroalloys                         | 0.0  | X    | 0.0  |
| 3312   | Steel Products from Purchased Steel                          | 51.2 | 51.2 | X    |
| 3313   | Alumina and Aluminum Production and Processing               | X    | X    | X    |
| 331314 | Secondary Smelting and Alloying of Aluminum                  | X    | X    | X    |
| 331315 | Aluminum Sheet, Plate and Foils                              | X    | X    | X    |
| 331318 | Other Aluminum Rolling, Drawing and Extruding                | X    | X    | X    |
| 3314   | Nonferrous Metal (except Aluminum) Production and Processing | 92.6 | X    | 92.6 |
| 331410 | Nonferrous Metal (except Aluminum) Smelting and Refining     | X    | X    | X    |
| 3315   | Foundries  | X    | X    | X    |
| 331511 | Iron Foundries   | X    | X    | X    |
| 331523 | Nonferrous Metal Die-Casting Foundries                       | X    | X    | X    |
| 331524 | Aluminum Foundries, except Die-Casting                       | X    | X    | X    |
| 332    | Fabricated Metal Products                                    | 99.5 | 99.5 | X    |
| 333    | Machinery  | 92.6 | 92.6 | X    |
| 334    | Computer and Electronic Products                             | 97.2 | 97.2 | X    |
| 334413 | Semiconductors and Related Devices                           | X    | X    | X    |
| 335    | Electrical Equip., Appliances, and Components                | X    | X    | X    |
| 336    | Transportation Equipment                                     | 47.4 | 55.1 | 36.9 |
| 336110 | Automobile and Light Duty Motor Vehicle Manufacturing        | X    | X    | X    |
| 3364   | Aerospace Product and Parts                                  | 0.0  | 0.0  | X    |
| 336411 | Aircraft   | 0.0  | 0.0  | X    |
| 337    | Furniture and Related Products                               | X    | X    | X    |
| 339    | Miscellaneous  | 99.0 | 99.0 | X    |
|        | Total  | 3.3  | 4.2  | 0.6  |

#### Midwest Census Region

|        |  |      |      |      |
|--------|--|------|------|------|
| 311    | Food   | 2.5  | 2.5  | 97.2 |
| 3112   | Grain and Oilseed Milling                                  | 0.0  | 0.0  | X    |
| 311221 | Wet Corn Milling and Starch Manufacturing                  | X    | X    | X    |
| 31131  | Sugar Manufacturing  | 0.0  | 0.0  | X    |
| 3114   | Fruit and Vegetable Preserving and Specialty Food          | 46.9 | 46.9 | X    |
| 3115   | Dairy Product Manufacturing                                | X    | X    | X    |
| 3116   | Animal Slaughtering and Processing                         | 97.2 | 97.2 | 97.2 |
| 312    | Beverage and Tobacco Products                              | X    | X    | X    |
| 3121   | Beverages  | X    | X    | X    |
| 3122   | Tobacco  | X    | X    | X    |
| 313    | Textile Mills  | X    | X    | X    |
| 314    | Textile Product Mills                                      | X    | X    | X    |
| 315    | Apparel  | X    | X    | X    |
| 316    | Leather and Allied Products                                | X    | X    | X    |
| 321    | Wood Products  | 73.3 | 73.3 | X    |
| 321113 | Sawmills   | X    | X    | X    |
| 3212   | Veneer, Plywood, and Engineered Wood Product Manufacturing | X    | X    | X    |
| 321219 | Reconstituted Wood Products                                | X    | X    | X    |
| 3219   | Other Wood Products  | 73.3 | 73.3 | X    |
| 322    | Paper  | 1.1  | 1.1  | X    |
| 322110 | Pulp Mills   | 0.0  | 0.0  | X    |
| 322120 | Paper Mills  | 0.0  | 0.0  | X    |
| 322130 | Paperboard Mills   | X    | X    | X    |
| 323    | Printing and Related Support                               | X    | X    | X    |
| 324    | Petroleum and Coal Products                                | 0.1  | 0.0  | 0.1  |
| 324110 | Petroleum Refineries                                       | 0.0  | 0.0  | 0.0  |
| 324121 | Asphalt Paving Mixture and Block                           | 75.6 | X    | 75.6 |
| 324122 | Asphalt Shingle and Coating Materials                      | X    | X    | X    |
| 324191 | Petroleum Lubricating Oil and Grease Manufacturing         | X    | X    | X    |
| 324199 | All Other Petroleum and Coal Products Manufacturing        | 0.0  | 0.0  | 0.0  |
| 325    | Chemicals  | 11.9 | 25.6 | 0.0  |
| 325110 | Petrochemicals   | X    | X    | X    |
| 325120 | Industrial Gases   | X    | X    | X    |
| 325180 | Other Basic Inorganic Chemical Manufacturing               | 0.0  | 0.0  | 0.0  |
| 325193 | Ethyl Alcohol  | 56.8 | 56.8 | X    |
| 325194 | Cyclic Crudes, Intermediate and Gum and Wood Chemicals     | 0.0  | 0.0  | X    |
| 325199 | All Other Basic Organic Chemical Manufacturing             | X    | X    | X    |

|        |   |      |      |      |
|--------|---|------|------|------|
| 325211 | Plastics Materials and Resins   | 0.0  | X    | 0.0  |
| 325212 | Synthetic Rubber  | X    | X    | X    |
| 325220 | Artificial and Synthetic Fibers and Filaments                           | X    | X    | X    |
| 325311 | Nitrogenous Fertilizers   | 0.0  | X    | 0.0  |
| 325312 | Phosphatic Fertilizers  | X    | X    | X    |
| 3254   | Pharmaceuticals and Medicines   | 0.0  | 0.0  | X    |
| 325412 | Pharmaceutical Preparation  | X    | X    | X    |
| 325992 | Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing | X    | X    | X    |
| 326    | Plastics and Rubber Products  | X    | X    | X    |
| 327    | Nonmetallic Mineral Products  | 1.8  | 70.2 | 0.1  |
| 327120 | Clay Building Material and Refractories                                 | X    | X    | X    |
| 327211 | Flat Glass  | X    | X    | X    |
| 327212 | Other Pressed and Blown Glass and Glassware                             | X    | X    | X    |
| 327213 | Glass Containers  | X    | X    | X    |
| 327215 | Glass Products from Purchased Glass                                     | X    | X    | X    |
| 327310 | Cements   | X    | X    | X    |
| 327410 | Lime  | X    | X    | X    |
| 327420 | Gypsum  | X    | X    | X    |
| 327993 | Mineral Wool  | X    | X    | X    |
| 331    | Primary Metals  | 0.0  | 0.0  | 0.0  |
| 331110 | Iron and Steel Mills and Ferroalloys                                    | 0.0  | 0.0  | 0.0  |
| 3312   | Steel Products from Purchased Steel                                     | X    | X    | X    |
| 3313   | Alumina and Aluminum Production and Processing                          | 0.0  | 0.0  | X    |
| 331314 | Secondary Smelting and Alloying of Aluminum                             | 0.0  | 0.0  | X    |
| 331315 | Aluminum Sheet, Plate and Foils   | X    | X    | X    |
| 331318 | Other Aluminum Rolling, Drawing and Extruding                           | X    | X    | X    |
| 3314   | Nonferrous Metal (except Aluminum) Production and Processing            | X    | X    | X    |
| 331410 | Nonferrous Metal (except Aluminum) Smelting and Refining                | X    | X    | X    |
| 3315   | Foundries   | X    | X    | X    |
| 331511 | Iron Foundries  | X    | X    | X    |
| 331523 | Nonferrous Metal Die-Casting Foundries                                  | X    | X    | X    |
| 331524 | Aluminum Foundries, except Die-Casting                                  | X    | X    | X    |
| 332    | Fabricated Metal Products   | 78.6 | X    | 78.6 |
| 333    | Machinery   | 92.1 | 92.1 | X    |
| 334    | Computer and Electronic Products  | X    | X    | X    |
| 334413 | Semiconductors and Related Devices                                      | X    | X    | X    |
| 335    | Electrical Equip., Appliances, and Components                           | X    | X    | X    |
| 336    | Transportation Equipment  | 0.0  | 0.0  | X    |
| 336110 | Automobile and Light Duty Motor Vehicle Manufacturing                   | 0.0  | 0.0  | X    |
| 3364   | Aerospace Product and Parts   | X    | X    | X    |
| 336411 | Aircraft  | X    | X    | X    |
| 337    | Furniture and Related Products  | X    | X    | X    |
| 339    | Miscellaneous   | X    | X    | X    |
|        | Total   | 17.3 | 1.4  | 28.7 |

#### South Census Region

|        |  |      |      |     |
|--------|--|------|------|-----|
| 311    | Food   | 30.1 | 30.1 | X   |
| 3112   | Grain and Oilseed Milling                                  | X    | X    | X   |
| 311221 | Wet Corn Milling and Starch Manufacturing                  | X    | X    | X   |
| 31131  | Sugar Manufacturing  | 0.0  | 0.0  | X   |
| 3114   | Fruit and Vegetable Preserving and Specialty Food          | 0.3  | 0.3  | X   |
| 3115   | Dairy Product Manufacturing                                | 0.0  | 0.0  | X   |
| 3116   | Animal Slaughtering and Processing                         | 58.6 | 58.6 | X   |
| 312    | Beverage and Tobacco Products                              | 51.6 | 51.6 | X   |
| 3121   | Beverages  | 51.6 | 51.6 | X   |
| 3122   | Tobacco  | X    | X    | X   |
| 313    | Textile Mills  | 35.3 | 35.3 | X   |
| 314    | Textile Product Mills                                      | X    | X    | X   |
| 315    | Apparel  | X    | X    | X   |
| 316    | Leather and Allied Products                                | X    | X    | X   |
| 321    | Wood Products  | 0.0  | 0.0  | 0.0 |
| 321113 | Sawmills   | 0.0  | 0.0  | X   |
| 3212   | Veneer, Plywood, and Engineered Wood Product Manufacturing | 0.0  | 0.0  | 0.0 |
| 321219 | Reconstituted Wood Products                                | X    | X    | X   |
| 3219   | Other Wood Products  | 0.0  | 0.0  | X   |
| 322    | Paper  | 0.0  | 0.0  | 0.0 |
| 322110 | Pulp Mills   | 0.0  | 0.0  | X   |
| 322120 | Paper Mills  | 0.0  | 0.0  | X   |
| 322130 | Paperboard Mills   | 0.0  | 0.0  | 0.0 |
| 323    | Printing and Related Support                               | X    | X    | X   |
| 324    | Petroleum and Coal Products                                | 0.0  | 0.0  | 0.0 |

|        |   |      |      |      |
|--------|---|------|------|------|
| 324110 | Petroleum Refineries  | 0.0  | 0.0  | 0.0  |
| 324121 | Asphalt Paving Mixture and Block  | X    | X    | X    |
| 324122 | Asphalt Shingle and Coating Materials                                   | X    | X    | X    |
| 324191 | Petroleum Lubricating Oil and Grease Manufacturing                      | 0.0  | 0.0  | 0.0  |
| 324199 | All Other Petroleum and Coal Products Manufacturing                     | 0.0  | 0.0  | 0.0  |
| 325    | Chemicals   | 1.4  | 0.7  | 2.4  |
| 325110 | Petrochemicals  | 0.0  | 0.0  | 0.0  |
| 325120 | Industrial Gases  | 0.0  | X    | 0.0  |
| 325180 | Other Basic Inorganic Chemical Manufacturing                            | 8.2  | 14.5 | 5.9  |
| 325193 | Ethyl Alcohol   | X    | X    | X    |
| 325194 | Cyclic Crudes, Intermediate and Gum and Wood Chemicals                  | 0.0  | X    | 0.0  |
| 325199 | All Other Basic Organic Chemical Manufacturing                          | 3.1  | 0.0  | 10.9 |
| 325211 | Plastics Materials and Resins   | 0.1  | 0.1  | 0.0  |
| 325212 | Synthetic Rubber  | 0.0  | 0.0  | X    |
| 325220 | Artificial and Synthetic Fibers and Filaments                           | X    | X    | X    |
| 325311 | Nitrogenous Fertilizers   | 0.0  | 0.0  | X    |
| 325312 | Phosphatic Fertilizers  | 0.0  | 0.0  | X    |
| 3254   | Pharmaceuticals and Medicines   | 9.2  | 9.2  | X    |
| 325412 | Pharmaceutical Preparation  | 0.0  | 0.0  | X    |
| 325992 | Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing | X    | X    | X    |
| 326    | Plastics and Rubber Products  | X    | X    | X    |
| 327    | Nonmetallic Mineral Products  | 0.0  | 0.0  | X    |
| 327120 | Clay Building Material and Refractories                                 | X    | X    | X    |
| 327211 | Flat Glass  | X    | X    | X    |
| 327212 | Other Pressed and Blown Glass and Glassware                             | X    | X    | X    |
| 327213 | Glass Containers  | X    | X    | X    |
| 327215 | Glass Products from Purchased Glass                                     | X    | X    | X    |
| 327310 | Cements   | X    | X    | X    |
| 327410 | Lime  | X    | X    | X    |
| 327420 | Gypsum  | X    | X    | X    |
| 327993 | Mineral Wool  | 0.0  | 0.0  | X    |
| 331    | Primary Metals  | 32.6 | 32.6 | X    |
| 331110 | Iron and Steel Mills and Ferroalloys                                    | 0.0  | 0.0  | X    |
| 3312   | Steel Products from Purchased Steel                                     | 70.9 | 70.9 | X    |
| 3313   | Alumina and Aluminum Production and Processing                          | X    | X    | X    |
| 331314 | Secondary Smelting and Alloying of Aluminum                             | X    | X    | X    |
| 331315 | Aluminum Sheet, Plate and Foils   | X    | X    | X    |
| 331318 | Other Aluminum Rolling, Drawing and Extruding                           | X    | X    | X    |
| 3314   | Nonferrous Metal (except Aluminum) Production and Processing            | X    | X    | X    |
| 331410 | Nonferrous Metal (except Aluminum) Smelting and Refining                | X    | X    | X    |
| 3315   | Foundries   | X    | X    | X    |
| 331511 | Iron Foundries  | X    | X    | X    |
| 331523 | Nonferrous Metal Die-Casting Foundries                                  | X    | X    | X    |
| 331524 | Aluminum Foundries, except Die-Casting                                  | X    | X    | X    |
| 332    | Fabricated Metal Products   | 99.5 | 99.5 | X    |
| 333    | Machinery   | 94.4 | 94.4 | X    |
| 334    | Computer and Electronic Products  | X    | X    | X    |
| 334413 | Semiconductors and Related Devices                                      | X    | X    | X    |
| 335    | Electrical Equip., Appliances, and Components                           | X    | X    | X    |
| 336    | Transportation Equipment  | 4.5  | 26.5 | 0.0  |
| 336110 | Automobile and Light Duty Motor Vehicle Manufacturing                   | 4.5  | 26.5 | 0.0  |
| 3364   | Aerospace Product and Parts   | 0.0  | 0.0  | X    |
| 336411 | Aircraft  | 0.0  | 0.0  | X    |
| 337    | Furniture and Related Products  | X    | X    | X    |
| 339    | Miscellaneous   | X    | X    | X    |
|        | Total   | 1.1  | 1.1  | 1.8  |

#### West Census Region

|        |   |      |      |   |
|--------|---|------|------|---|
| 311    | Food  | 61.4 | 61.4 | X |
| 3112   | Grain and Oilseed Milling                         | X    | X    | X |
| 311221 | Wet Corn Milling and Starch Manufacturing         | X    | X    | X |
| 31131  | Sugar Manufacturing                               | 0.0  | 0.0  | X |
| 3114   | Fruit and Vegetable Preserving and Specialty Food | 61.8 | 61.8 | X |
| 3115   | Dairy Product Manufacturing                       | X    | X    | X |
| 3116   | Animal Slaughtering and Processing                | 97.0 | 97.0 | X |
| 312    | Beverage and Tobacco Products                     | 41.0 | 41.0 | X |
| 3121   | Beverages   | 41.0 | 41.0 | X |
| 3122   | Tobacco   | X    | X    | X |
| 313    | Textile Mills                                     | 96.2 | 96.2 | X |
| 314    | Textile Product Mills                             | X    | X    | X |
| 315    | Apparel   | 59.4 | 59.4 | X |

|        |   |      |      |     |
|--------|---|------|------|-----|
| 316    | Leather and Allied Products   | X    | X    | X   |
| 321    | Wood Products   | 0.1  | 0.1  | 0.0 |
| 321113 | Sawmills  | 0.0  | 0.0  | 0.0 |
| 3212   | Veneer, Plywood, and Engineered Wood Product Manufacturing              | 0.0  | 0.0  | 0.0 |
| 321219 | Reconstituted Wood Products   | X    | X    | X   |
| 3219   | Other Wood Products   | 99.0 | 99.0 | X   |
| 322    | Paper   | 5.7  | 5.7  | X   |
| 322110 | Pulp Mills  | X    | X    | X   |
| 322120 | Paper Mills   | 0.0  | 0.0  | X   |
| 322130 | Paperboard Mills  | 0.0  | 0.0  | X   |
| 323    | Printing and Related Support  | 99.0 | 99.0 | X   |
| 324    | Petroleum and Coal Products   | 0.1  | 0.1  | 0.0 |
| 324110 | Petroleum Refineries  | 0.0  | 0.0  | 0.0 |
| 324121 | Asphalt Paving Mixture and Block  | 30.8 | 30.8 | X   |
| 324122 | Asphalt Shingle and Coating Materials                                   | X    | X    | X   |
| 324191 | Petroleum Lubricating Oil and Grease Manufacturing                      | X    | X    | X   |
| 324199 | All Other Petroleum and Coal Products Manufacturing                     | 0.0  | 0.0  | X   |
| 325    | Chemicals   | 0.1  | 0.1  | X   |
| 325110 | Petrochemicals  | X    | X    | X   |
| 325120 | Industrial Gases  | X    | X    | X   |
| 325180 | Other Basic Inorganic Chemical Manufacturing                            | 0.3  | 0.3  | X   |
| 325193 | Ethyl Alcohol   | X    | X    | X   |
| 325194 | Cyclic Crudes, Intermediate and Gum and Wood Chemicals                  | X    | X    | X   |
| 325199 | All Other Basic Organic Chemical Manufacturing                          | 0.0  | 0.0  | X   |
| 325211 | Plastics Materials and Resins   | X    | X    | X   |
| 325212 | Synthetic Rubber  | 0.0  | 0.0  | X   |
| 325220 | Artificial and Synthetic Fibers and Filaments                           | X    | X    | X   |
| 325311 | Nitrogenous Fertilizers   | 0.0  | 0.0  | X   |
| 325312 | Phosphatic Fertilizers  | 0.0  | 0.0  | X   |
| 3254   | Pharmaceuticals and Medicines   | 0.0  | 0.0  | X   |
| 325412 | Pharmaceutical Preparation  | X    | X    | X   |
| 325992 | Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing | X    | X    | X   |
| 326    | Plastics and Rubber Products  | X    | X    | X   |
| 327    | Nonmetallic Mineral Products  | 83.0 | 83.0 | X   |
| 327120 | Clay Building Material and Refractories                                 | X    | X    | X   |
| 327211 | Flat Glass  | X    | X    | X   |
| 327212 | Other Pressed and Blown Glass and Glassware                             | X    | X    | X   |
| 327213 | Glass Containers  | X    | X    | X   |
| 327215 | Glass Products from Purchased Glass                                     | 93.0 | 93.0 | X   |
| 327310 | Cements   | X    | X    | X   |
| 327410 | Lime  | X    | X    | X   |
| 327420 | Gypsum  | X    | X    | X   |
| 327993 | Mineral Wool  | 0.0  | 0.0  | X   |
| 331    | Primary Metals  | 20.7 | 20.7 | X   |
| 331110 | Iron and Steel Mills and Ferroalloys                                    | X    | X    | X   |
| 3312   | Steel Products from Purchased Steel                                     | X    | X    | X   |
| 3313   | Alumina and Aluminum Production and Processing                          | 87.7 | 87.7 | X   |
| 331314 | Secondary Smelting and Alloying of Aluminum                             | X    | X    | X   |
| 331315 | Aluminum Sheet, Plate and Foils   | X    | X    | X   |
| 331318 | Other Aluminum Rolling, Drawing and Extruding                           | 87.7 | 87.7 | X   |
| 3314   | Nonferrous Metal (except Aluminum) Production and Processing            | X    | X    | X   |
| 331410 | Nonferrous Metal (except Aluminum) Smelting and Refining                | X    | X    | X   |
| 3315   | Foundries   | 0.0  | 0.0  | X   |
| 331511 | Iron Foundries  | X    | X    | X   |
| 331523 | Nonferrous Metal Die-Casting Foundries                                  | X    | X    | X   |
| 331524 | Aluminum Foundries, except Die-Casting                                  | X    | X    | X   |
| 332    | Fabricated Metal Products   | 99.5 | 99.5 | X   |
| 333    | Machinery   | 99.0 | 99.0 | X   |
| 334    | Computer and Electronic Products  | 99.0 | 99.0 | X   |
| 334413 | Semiconductors and Related Devices                                      | X    | X    | X   |
| 335    | Electrical Equip., Appliances, and Components                           | X    | X    | X   |
| 336    | Transportation Equipment  | X    | X    | X   |
| 336110 | Automobile and Light Duty Motor Vehicle Manufacturing                   | X    | X    | X   |
| 3364   | Aerospace Product and Parts   | X    | X    | X   |
| 336411 | Aircraft  | X    | X    | X   |
| 337    | Furniture and Related Products  | 90.2 | 90.2 | X   |
| 339    | Miscellaneous   | 54.7 | 54.7 | X   |
|        | Total   | 1.9  | 2.3  | 0.0 |

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-846, 2022 Manufacturing Energy Consumption Survey

Note: Totals may not equal sum of components because of independent rounding.

<sup>a</sup> The Bureau of the Census classifies establishments using the 2022 North American Industry Classification System (NAICS).

<sup>b</sup> A *utility* is a company in the local area that produces and/or delivers electricity and is legally obligated to provide service to the general public within its franchise area.

<sup>c</sup> *Nonutility* includes consumers, such as other manufacturers, households, and commercial entities; generators of electricity, such as independent power producers, small power producers, and co-generators not located at the establishment site; and suppliers, such as brokers, marketers, and marketing subsidiaries of utilities.

\* 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 No. 7504703, Disclosure Review Board (DRB) approval number: CBDRB-FY25-0054).*