Table 10.24 Reasons that made distillate fuel oil unswitchable, 2022

Level: National data Row: NAICS codes

Column: Reasons that made quantity unswitchable

Unit: Thousand barrels

Non switchable amount attributed to:

| NAICS | | Total amount of distillate fuel oil | Total amount of unswitchable distillate | Equipment is not capable of using | Switching adversely affects | Unavailable alternative | Environmental | Long-term contract | Unavailable storage for | Another | Combinations of | Don't know/ |
|---------------------|---|-------------------------------------|--|-----------------------------------|-----------------------------|----------------------------|---------------------------|-----------------------|--------------------------------|---------|----------------------------|-------------|
| code | Subsector and industry | consumed as fuel | fuel oil fuel use | another fuel | the products | fuel supply | restrictions ^b | in place ^c | alternative fuels ^d | reason | cols. F, G, H, I, J, and K | |
| | | | | | | , | | | | | , , , , , , , , , | |
| Total United States | | | | | | | | | | | | |
| 311 | Food | 3 | 2 | 2 | * | * | * | * | * | * | * | * |
| 3112 | Grain and Oilseed Milling | * | * | * | * | * | * | 0 | 0 | * | * | * |
| 311221 | Wet Corn Milling and Starch Manufacturing | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 31131 | Sugar Manufacturing | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 3114 | Fruit and Vegetable Preserving and Specialty Food | * | * | * | 0 | 0 | | * | 0 | * | * | * |
| 3115 | Dairy Product Manufacturing | * | * | * | 0 | 0 | - - | 0 | 0 | * | * | * |
| 3116 | Animal Slaughtering and Processing | 1 | 1 | * | * | * | * | 0 | 0 | * | * | * |
| 312 | Beverage and Tobacco Products | * | * | * | 0 | * | 0 | 0 | 0 | * | 0 | * |
| 3121 | Beverages | * | * | * | 0 | * | 0 | 0 | 0 | * | 0 | |
| 3122 | Tobacco | * | * | * | 0 | | | 0 | 0 | * | 0 | |
| 313 | Textile Mills | * | * | * | 0 | 0 | 0 | 0 | 0 | * | 0 | |
| 314 | Textile Product Mills | * | * | * | 0 | | | 0 | 0 | 0 | 0 | |
| 315 | Apparel | * | * | * | 0 | 0 | - - | 0 | 0 | 0 | 0 | * |
| 316 | Leather and Allied Products | * | * | * | * | 0 | 0 | 0 | 0 | * | * | 0 |
| 321 | Wood Products | 2 | 2 | 1 | * | * | * | 0 | * | * | * | 1 |
| 321113 | Sawmills | 1 | 1 | 1 | * | 0 | | 0 | * | * | * | * |
| 3212 | Veneer, Plywood, and Engineered Wood Product Manufacturing | * | * | * | * | 0 | | 0 | 0 | * | 0 | * |
| 321219 | Reconstituted Wood Products | * | * | * | 0 | 0 | 0 | 0 | 0 | * | 0 | * |
| 3219 | Other Wood Products | * | * | * | 0 | * | 0 | 0 | 0 | * | 0 | * |
| 322 | Paper | 1 | 1 | * | * | * | * | 0 | * | * | 0 | * |
| 322110 | Pulp Mills | * | * | * | 0 | 0 | 0 | 0 | 0 | * | 0 | * |
| 322120 | Paper Mills | * | * | * | 0 | * | * | 0 | 0 | * | 0 | * |
| 322130 | Paperboard Mills | * | * | * | * | * | 0 | 0 | 0 | * | 0 | * |
| 323 | Printing and Related Support | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 324 | Petroleum and Coal Products | 1 | 1 | 1 | * | * | 0 | * | 0 | * | * | * |
| 324110 | Petroleum Refineries | 1 | * | * | 0 | 0 | 0 | 0 | 0 | * | 0 | * |
| 324121 | Asphalt Paving Mixture and Block | 1 | 1 | * | * | * | 0 | * | 0 | * | 0 | * |
| 324122 | Asphalt Shingle and Coating Materials | * | * | * | * | 0 | 0 | 0 | 0 | * | * | * |
| 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 | 1 | 1 | * | * | 0 | 0 | * | * | * | * |
| 325110 | Petrochemicals | * | * | * | 0 | * | 0 | 0 | 0 | * | 0 | * |
| 325120 | Industrial Gases | * | * | * | 0 | 0 | 0 | 0 | 0 | * | 0 | * |
| 325180 | Other Basic Inorganic Chemical Manufacturing | * | * | * | 0 | * | 0 | 0 | 0 | * | 0 | * |
| 325193 | Ethyl Alcohol | * | * | * | 0 | 0 | 0 | 0 | 0 | * | * | * |
| 325194 | Cyclic Crudes, Intermediate and Gum and Wood Chemicals | * | * | * | 0 | * | 0 | 0 | 0 | 0 | 0 | * |
| 325199 | All Other Basic Organic Chemical Manufacturing | * | * | * | * | 0 | 0 | 0 | 0 | * | 0 | * |
| 325211 | Plastics Materials and Resins | * | * | * | * | 0 | 0 | 0 | * | * | * | * |
| 325212 | Synthetic Rubber | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 325220 | Artificial and Synthetic Fibers and Filaments | * | * | * | 0 | * | 0 | 0 | 0 | 0 | 0 | 0 |
| 325311 | Nitrogenous Fertilizers | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 325312 | Phosphatic Fertilizers | 1 | 1 | * | 0 | 0 | 0 | 0 | 0 | * | 0 | * |
| 3254 | Pharmaceuticals and Medicines | * | * | * | * | 0 | 0 | 0 | * | * | * | * |
| 325412 | Pharmaceutical Preparation | * | * | * | * | 0 | 0 | 0 | 0 | * | * | * |
| 325992 | Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing | * | * | * | 0 | 0 | 0 | 0 | 0 | * | 0 | * |
| 326 | Plastics and Rubber Products | * | * | * | 0 | 0 | * | 0 | 0 | * | 0 | * |
| 327 | Nonmetallic Mineral Products | 3 | 3 | 1 | * | * | * | * | * | * | * | 1 |

| 327120 | Clay Building Material and Refractories | * | * | * | * | 0 | 0 | 0 | * | * | 0 | * |
|---------------|--|----|----|---|---|---|---|---|---|---|---|---|
| 327211 | Flat Glass | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 327212 | Other Pressed and Blown Glass and Glassware | * | * | * | 0 | 0 | 0 | 0 | 0 | * | 0 | * |
| 327213 | Glass Containers | * | * | * | 0 | 0 | 0 | 0 | * | 0 | 0 | * |
| 327215 | Glass Products from Purchased Glass | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 327310 | Cements | 1 | 1 | * | * | 0 | 0 | * | 0 | * | 0 | * |
| 327410 | Lime | * | * | * | 0 | 0 | 0 | 0 | 0 | * | * | * |
| 327420 | Gypsum | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 327993 | Mineral Wool | * | * | * | 0 | 0 | * | 0 | 0 | * | 0 | * |
| 331 331110 | Primary Metals | 1 | 1 | 1 | * | * | * | * | * | * | * | 1 |
| 331110 | Iron and Steel Mills and Ferroalloys | 1 | 1 | * | * | 0 | 0 | 0 | 0 | * | * | * |
| 3312 | Steel Products from Purchased Steel | * | * | * | * | 0 | * | * | * | * | * | * |
| 3313 | Alumina and Aluminum Production and Processing | * | * | * | * | * | 0 | * | 0 | * | 0 | * |
| 331314 | Secondary Smelting and Alloying of Aluminum | * | * | * | 0 | 0 | 0 | * | 0 | * | 0 | * |
| 331315 | Aluminum Sheet, Plate and Foils | * | * | * | 0 | * | 0 | 0 | 0 | * | 0 | * |
| 331318 | Other Aluminum Rolling, Drawing and Extruding | * | * | * | * | 0 | 0 | * | 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 | 0 | 0 | 0 | * | * |
| 3315 | Foundries | * | * | * | * | 0 | 0 | 0 | * | * | 0 | * |
| 331511 | Iron Foundries | * | * | * | * | 0 | 0 | 0 | * | * | 0 | * |
| 331523 | Nonferrous Metal Die-Casting Foundries | * | * | * | 0 | 0 | 0 | 0 | 0 | * | 0 | 0 |
| 331524 | Aluminum Foundries, except Die-Casting | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 332 | Fabricated Metal Products | * | * | * | * | 0 | 0 | 0 | 0 | * | * | * |
| 333 | Machinery | 1 | 1 | * | * | 0 | 0 | 0 | 0 | * | 0 | * |
| 334 | Computer and Electronic Products | * | * | * | 0 | 0 | * | 0 | 0 | * | * | * |
| 334413 | Semiconductors and Related Devices | * | * | * | 0 | 0 | * | 0 | 0 | * | 0 | * |
| 335 | Electrical Equip., Appliances, and Components | * | * | * | 0 | 0 | 0 | 0 | 0 | * | 0 | * |
| 336 | Transportation Equipment | * | * | * | * | * | * | 0 | * | * | * | * |
| 336110 | Automobile and Light Duty Motor Vehicle Manufacturing | * | * | * | * | 0 | 0 | 0 | * | * | * | * |
| 3364 | Aerospace Product and Parts | * | * | * | * | * | * | 0 | 0 | * | * | * |
| 336411 | Aircraft | * | * | * | 0 | * | * | 0 | 0 | * | * | * |
| 337 | Furniture and Related Products | * | * | * | * | 0 | 0 | 0 | 0 | * | 0 | * |
| 339 | Miscellaneous | * | * | * | 0 | 0 | * | 0 | 0 | * | 0 | * |
| | Total | 14 | 13 | 7 | * | * | * | * | * | 1 | * | 4 |

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.

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).

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

^b The environmental restrictions related to air quality limiting the amount of the usable alternative fuel that could be used instead.

c Long-term contracts are typically with a utility or third-party supplier such as an energy broker and require the purchase of fuel for an extended amount of time.

^d The storage of usable alternative fuels is not available due to the potential environmental impact of storage tanks.

^{*} Estimate less than 0.5.

Unit: Percentage

| Non | switchable | amount | attributed | to: |
|-----|------------|--------|------------|-----|
| | | | | |

| NAICS | | Total amount of distillate fuel oil | Total amount of unswitchable distillate | Equipment is not capable of using | Switching adversely affects | Unavailable alternative | Environmental | Long-term contract | Unavailable | Another | Combinations of | Don't know/ |
|--------------|---|--|--|--------------------------------------|--------------------------------|----------------------------|---------------------------|-----------------------|---|--------------|------------------------------|-----------------|
| code | Subsector and industry | consumed as fuel | fuel oil fuel use | another fuel | the products | fuel supply | restrictions ^b | in place ^c | storage for alternative fuels ^d | reason | cols. F, G, H, I, J, and K | |
| | Subsector and industry | consumed as ruci | ruer on ruer use | unother ruer | the products | ruci suppry | | p | | reason | cois. 1 , G, 11, 1, 1, and R | didii t diiswei |
| | | | otal United States | | | | | | | | | |
| 311 | Food | 20.2 | 20.7 | 30.8 | 0.0 | 3.1 | | 0.0 | 96.8 | 89.6 | 67.0 | |
| 3112 | Grain and Oilseed Milling | 6.0 | 6.8 | 7.1 | 0.0 | 0.0 | | X | X | 4.4 | 0.0 | |
| 311221 | Wet Corn Milling and Starch Manufacturing | 0.0 | 0.0 | 0.0 | X | X | | X | X | X | X | |
| 31131 | Sugar Manufacturing | 0.0 | 0.0 | 0.0 | X | X | | X | X | X | X | |
| 3114 | Fruit and Vegetable Preserving and Specialty Food | 7.6 | 8.5 | 11.3 | X | X | | 0.0 | X | 7.8 | 0.0 | |
| 3115 | Dairy Product Manufacturing | 21.3 | 22.1 | 28.3 | X | X | | X | X | 34.9 | 78.6 | |
| 3116 | Animal Slaughtering and Processing | 5.1 22.2 | 5.4 | 17.4 | 0.0 | 72.7 97.4 | | X | x | 68.8 66.4 | 0.0 | |
| 312 | Beverage and Tobacco Products | 25.0 | 22.6 25.4 | 26.8 30.6 | x | 97.4 | | xx | x | 97.3 | X | |
| 3121 3122 | Beverages Tobacco | 0.0 | 0.0 | 0.0 | X | 97.4 X | | X | X | 0.0 | X | |
| 313 | Textile Mills | 78.1 | 81.1 | 73.0 | x | | | X | | 0.0 | X | |
| 314 | Textile Product Mills | 54.8 | 54.8 | 57.6 | x | X | | X | ^ | X | X | |
| 315 | Apparel | 96.8 | 96.8 | 97.8 | X | ^ | | X | ^ | ^ | X | |
| 316 | Leather and Allied Products | 34.7 | 35.1 | 30.0 | 48.1 | x | | X | X | 87.3 | 0.0 | |
| 321 | Wood Products | 11.3 | 11.5 | 6.0 | 0.0 | 92.4 | | X | 0.0 | 55.3 | 52.3 | |
| 321113 | Sawmills | 4.7 | 4.5 | 6.8 | 0.0 | X | | X | 0.0 | 12.2 | 54.1 | |
| 3212 | Veneer, Plywood, and Engineered Wood Product Manufacturing | 22.1 | 22.1 | 2.0 | 0.0 | X | | X | X | 0.0 | X | |
| 321219 | Reconstituted Wood Products | 0.0 | 0.0 | 0.0 | X | X | | X | X | 0.0 | X | |
| 3219 | Other Wood Products | 27.4 | 27.7 | 25.3 | X | 92.4 | | X | X | 79.8 | X | |
| 322 | Paper | 0.4 | 0.4 | 0.6 | 0.0 | 0.0 | | X | 41.2 | 0.3 | X | |
| 322110 | Pulp Mills | 0.0 | 0.0 | 0.0 | X | X | | X | X | 0.0 | X | |
| 322120 | Paper Mills | 0.0 | 0.0 | 0.0 | X | 0.0 | | X | X | 0.0 | X | |
| 322130 | Paperboard Mills | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | X | X | 0.0 | X | |
| 323 | Printing and Related Support | 58.4 | 58.4 | 65.1 | X | X | | X | X | Х | X | |
| 324 | Petroleum and Coal Products | 2.5 | 2.6 | 3.8 | 21.6 | 30.7 | X | 0.0 | X | 1.7 | 0.0 | |
| 324110 | Petroleum Refineries | 0.0 | 0.0 | 0.0 | X | X | | X | X | 0.0 | X | |
| 324121 | Asphalt Paving Mixture and Block | 4.7 | 4.9 | 8.2 | 26.7 | 30.7 | | 0.0 | X | 41.1 | X | |
| 324122 | Asphalt Shingle and Coating Materials | 0.0 | 0.0 | 0.0 | 0.0 | X | | X | X | 0.0 | 0.0 | |
| 324191 | Petroleum Lubricating Oil and Grease Manufacturing | 1.3 | 1.3 | 0.0 | X | Х | | X | X | 21.3 | X | 5.1 |
| 324199 | All Other Petroleum and Coal Products Manufacturing | 0.0 | 0.0 | 0.0 | 0.0 | X | X | X | X | Х | X | 0.0 |
| 325 | Chemicals | 10.1 | 10.3 | 13.1 | 0.0 | 0.0 | X | X | 51.0 | 19.9 | 2.4 | 1.9 |
| 325110 | Petrochemicals | 0.0 | 0.0 | 0.0 | Х | 0.0 | X | X | X | 0.0 | X | 0.0 |
| 325120 | Industrial Gases | 7.2 | 7.2 | 8.6 | Х | X | Х | Х | X | 0.0 | X | 0.0 |
| 325180 | Other Basic Inorganic Chemical Manufacturing | 24.6 | 27.2 | 30.6 | Х | 0.0 | Х | Х | X | 13.0 | X | 43.6 |
| 325193 | Ethyl Alcohol | 3.1 | 3.1 | 3.8 | Х | Х | Х | Х | Х | 0.0 | 14.4 | 1.1 |
| 325194 | Cyclic Crudes, Intermediate and Gum and Wood Chemicals | 0.0 | 0.0 | 0.0 | X | 0.0 | X | X | X | Х | X | 0.0 |
| 325199 | All Other Basic Organic Chemical Manufacturing | 11.3 | 12.0 | 19.0 | 0.0 | X | X | X | X | 0.0 | X | 2.9 |
| 325211 | Plastics Materials and Resins | 4.0 | 4.0 | 8.2 | 0.0 | X | X | X | 0.0 | 71.5 | 2.3 | 11.6 |
| 325212 | Synthetic Rubber | 0.0 | 0.0 | 0.0 | X | X | X | X | X | Х | X | 0.0 |
| 325220 | Artificial and Synthetic Fibers and Filaments | 0.0 | 0.0 | 0.0 | X | 0.0 | X | X | X | X | X | X |
| 325311 | Nitrogenous Fertilizers | 0.0 | 0.0 | 0.0 | 0.0 | X | | X | X | Х | X | |
| 325312 | Phosphatic Fertilizers | 0.0 | 0.0 | 0.0 | X | X | | X | X | 0.0 | X | |
| 3254 | Pharmaceuticals and Medicines | 1.5 | 1.6 | 2.2 | 0.0 | X | | X | 80.2 | 29.6 | 27.1 | |
| 325412 | Pharmaceutical Preparation | 1.2 | 1.4 | 1.6 | 0.0 | X | X | X | X | 66.7 | 0.0 | 0.0 |
| 325992 | Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing | 0.0 | 0.0 | 0.0 | X | X | | X | X | 0.0 | X | |
| 326 | Plastics and Rubber Products | 44.7 | 46.2 | 65.0 | X | X | | X | X | 95.9 | X | |
| 327 | Nonmetallic Mineral Products | 23.7 | 23.8 | 20.8 | 78.0 | 99.0 | | 0.0 | 89.3 | 6.2 | 2.5 | |
| 327120 | Clay Building Material and Refractories | 1.9 | 1.9 | 2.1 | 0.0 | X | | X | 54.0 | 0.0 | X | |
| 327211 | Flat Glass | 0.0 | 0.0 | 0.0 | 0.0 | X | | X | X | X | X | |
| 327212 | Other Pressed and Blown Glass and Glassware | 0.0 | 0.0 | 0.0 | X | X | | X | X | 0.0 | X | |
| 327213 | Glass Containers | 0.0 | 0.0 | 0.0 | X | X | | X | 0.0 | X | X | |
| 327215 | Glass Products from Purchased Glass | 43.7 | 43.7 | 43.7 | X | X | X | X | X | X | X | X |

| 327310 | Cements | 3.1 | 2.2 | 3.2 | 31.3 | X | X | 0.0 | X | 0.0 | X | 0.0 |
|--------|--|------|------|------|------|------|------|-----|------|------|------|------|
| 327410 | Lime | 0.0 | 0.0 | 0.0 | X | X | X | X | X | 0.0 | 0.0 | 0.0 |
| 327420 | Gypsum | 4.7 | 4.9 | 5.0 | X | X | X | X | X | Х | 27.3 | 0.0 |
| 327993 | Mineral Wool | 0.0 | 0.0 | 0.0 | Х | X | 0.0 | X | X | 0.0 | X | 0.0 |
| 331 | Primary Metals | 11.7 | 11.7 | 1.0 | 15.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 1.2 | 24.9 |
| 331110 | Iron and Steel Mills and Ferroalloys | 0.0 | 0.0 | 0.0 | 0.0 | X | X | X | X | 0.0 | 0.0 | 0.0 |
| 3312 | Steel Products from Purchased Steel | 37.3 | 37.3 | 18.3 | 48.0 | X | 0.0 | 0.0 | 0.0 | 0.0 | 49.4 | 41.4 |
| 3313 | Alumina and Aluminum Production and Processing | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | X | 0.0 | Х | 0.0 | X | 0.0 |
| 331314 | Secondary Smelting and Alloying of Aluminum | 0.0 | 0.0 | 0.0 | X | X | X | 0.0 | X | 0.0 | Х | 0.0 |
| 331315 | Aluminum Sheet, Plate and Foils | 0.0 | 0.0 | 0.0 | X | 0.0 | X | X | X | 0.0 | Х | 0.0 |
| 331318 | Other Aluminum Rolling, Drawing and Extruding | 0.0 | 0.0 | 0.0 | 0.0 | X | X | 0.0 | X | Х | Х | 0.0 |
| 3314 | Nonferrous Metal (except Aluminum) Production and Processing | 3.8 | 3.8 | 5.9 | 0.0 | 0.0 | X | 0.0 | X | Х | 0.0 | 7.1 |
| 331410 | Nonferrous Metal (except Aluminum) Smelting and Refining | 0.0 | 0.0 | 0.0 | X | X | X | X | X | Х | 0.0 | 0.0 |
| 3315 | Foundries | 2.8 | 2.9 | 3.5 | 68.7 | Х | X | Х | 0.0 | 3.2 | Х | 0.0 |
| 331511 | Iron Foundries | 1.8 | 1.8 | 2.2 | 68.7 | X | X | X | 0.0 | 0.0 | X | 0.0 |
| 331523 | Nonferrous Metal Die-Casting Foundries | 6.3 | 6.3 | 0.7 | Х | X | X | X | X | 40.1 | Х | Х |
| 331524 | Aluminum Foundries, except Die-Casting | 48.9 | 48.9 | 48.9 | Х | X | X | X | X | Х | Х | Х |
| 332 | Fabricated Metal Products | 34.4 | 32.1 | 43.4 | 92.7 | X | X | X | X | 94.0 | 99.5 | 56.2 |
| 333 | Machinery | 44.3 | 44.8 | 56.2 | 82.4 | X | X | X | X | 77.8 | Х | 24.6 |
| 334 | Computer and Electronic Products | 29.3 | 29.4 | 9.0 | X | X | 0.0 | X | Х | 0.0 | 95.3 | 76.5 |
| 334413 | Semiconductors and Related Devices | 8.8 | 8.8 | 9.4 | X | X | 0.0 | X | X | 0.0 | X | 0.0 |
| 335 | Electrical Equip., Appliances, and Components | 50.7 | 50.7 | 66.6 | X | X | Х | X | Х | 76.1 | X | 89.3 |
| 336 | Transportation Equipment | 6.5 | 6.6 | 8.5 | 0.0 | 0.0 | 0.0 | X | 0.0 | 13.3 | 51.8 | 14.5 |
| 336110 | Automobile and Light Duty Motor Vehicle Manufacturing | 2.0 | 2.0 | 2.5 | 0.0 | X | X | X | 0.0 | 0.0 | 0.0 | 0.0 |
| 3364 | Aerospace Product and Parts | 2.9 | 3.2 | 5.7 | 0.0 | 0.0 | 0.0 | X | X | 2.3 | 0.0 | 16.4 |
| 336411 | Aircraft | 2.5 | 2.5 | 3.3 | X | 0.0 | 0.0 | X | X | 1.5 | 0.0 | 21.2 |
| 337 | Furniture and Related Products | 47.1 | 47.1 | 55.3 | 99.0 | X | X | X | X | 79.6 | X | 45.4 |
| 339 | Miscellaneous | 47.5 | 47.5 | 41.9 | X | X | 78.0 | X | X | 66.8 | X | 61.6 |
| | Total | 7.0 | 7.1 | 8.3 | 61.8 | 13.8 | 1.5 | 0.0 | 41.1 | 28.1 | 18.6 | 16.0 |

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.

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).

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

^b The environmental restrictions related to air quality limiting the amount of the usable alternative fuel that could be used instead.

c Long-term contracts are typically with a utility or third-party supplier such as an energy broker and require the purchase of fuel for an extended amount of time.

^dThe storage of usable alternative fuels is not available due to the potential environmental impact of storage tanks.

^{*} Estimate less than 0.5.