

Table 10.14 Percent of Establishments by Levels of Price Difference that Would Cause Fuel Switching from Electricity to a Less Expensive Substitute, 2010;**Level: National Data;****Row: NAICS Codes;****Column: Levels of Price Difference;****Unit: Establishment Counts.**

| | | Levels of Price Difference that Would Cause a Switch from Electricity(c) | | | | | | | | |
|----------------------------|--|--|-------------------------------|-----------------|------------------|------------------|-----------------|-----------------------------|---|--|
| NAICS Code(a) | Subsector and Industry | Establishments Able to Switch(b) | Would Not Switch Due to Price | 1 to 10 Percent | 11 to 25 Percent | 26 to 50 Percent | Over 50 Percent | Estimate Cannot Be Provided | Would Switch to More Expensive Substitute | |
| Total United States | | | | | | | | | | |
| 311 | Food | 765 | 107 | 12 | Q | Q | Q | 236 | Q | |
| 3112 | Grain and Oilseed Milling | 13 | W | Q | W | W | W | 3 | 0 | |
| 311221 | Wet Corn Milling | W | 0 | 0 | 0 | W | 0 | W | 0 | |
| 31131 | Sugar Manufacturing | W | W | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3114 | Fruit and Vegetable Preserving and Specialty Foods | 74 | Q | W | W | Q | 0 | Q | 0 | |
| 3115 | Dairy Products | 57 | 13 | W | W | Q | W | 18 | 0 | |
| 3116 | Animal Slaughtering and Processing | 78 | 7 | 3 | Q | Q | Q | 5 | Q | |
| 312 | Beverage and Tobacco Products | 121 | Q | 4 | Q | 4 | 3 | Q | 0 | |
| 3121 | Beverages | W | Q | 4 | Q | 4 | W | Q | 0 | |
| 3122 | Tobacco | W | 0 | 0 | 0 | 0 | W | 0 | 0 | |
| 313 | Textile Mills | Q | Q | 0 | 0 | 0 | 0 | Q | 0 | |
| 314 | Textile Product Mills | Q | Q | 0 | 0 | 0 | W | W | 0 | |
| 315 | Apparel | Q | 0 | Q | 0 | 0 | 0 | 0 | 0 | |
| 316 | Leather and Allied Products | Q | Q | W | W | 0 | 0 | 0 | 0 | |
| 321 | Wood Products | 229 | 30 | Q | 4 | Q | Q | 75 | 0 | |
| 321113 | Sawmills | 124 | Q | Q | W | Q | W | 58 | 0 | |
| 3212 | Veneer, Plywood, and Engineered Woods | Q | W | 0 | W | Q | 0 | W | 0 | |
| 321219 | Reconstituted Wood Products | 3 | W | 0 | W | W | 0 | 0 | 0 | |
| 3219 | Other Wood Products | 88 | W | 0 | W | 0 | W | W | 0 | |
| 322 | Paper | 125 | 13 | 19 | Q | 8 | Q | Q | 0 | |
| 322110 | Pulp Mills | 3 | 0 | 0 | W | 0 | W | 0 | 0 | |
| 322121 | Paper Mills, except Newsprint | 21 | 4 | 10 | W | 4 | 0 | W | 0 | |
| 322122 | Newsprint Mills | 3 | W | W | 0 | 0 | 0 | 0 | 0 | |
| 322130 | Paperboard Mills | 14 | W | W | W | 0 | 0 | 3 | 0 | |
| 323 | Printing and Related Support | 975 | Q | 0 | 350 | Q | W | W | W | |
| 324 | Petroleum and Coal Products | 289 | Q | 10 | 29 | 37 | 29 | 108 | 12 | |
| 324110 | Petroleum Refineries | 49 | 6 | W | W | W | W | 9 | W | |
| 324121 | Asphalt Paving Mixture and Block | 225 | Q | W | 18 | 28 | 24 | 89 | W | |
| 324199 | Other Petroleum and Coal Products | 4 | 0 | 0 | W | 0 | W | W | 0 | |
| 325 | Chemicals | 494 | 225 | W | 68 | 37 | Q | 59 | W | |
| 325110 | Petrochemicals | 5 | 0 | W | W | 0 | 0 | 0 | W | |
| 325120 | Industrial Gases | W | 0 | 0 | W | 0 | 0 | 0 | 0 | |
| 325181 | Alkalies and Chlorine | W | W | 0 | 0 | 0 | 0 | W | 0 | |
| 325182 | Carbon Black | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 325188 | Other Basic Inorganic Chemicals | 6 | W | W | W | 0 | 0 | W | 0 | |
| 325192 | Cyclic Crudes and Intermediates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 325193 | Ethyl Alcohol | 4 | 0 | 0 | W | 0 | 0 | W | 0 | |

Table 10.14 Percent of Establishments by Levels of Price Difference that Would Cause Fuel Switching from Electricity to a Less Expensive Substitute, 2010;**Level: National Data;****Row: NAICS Codes;****Column: Levels of Price Difference;****Unit: Establishment Counts.**

| | | Levels of Price Difference that Would Cause a Switch from Electricity(c) | | | | | | | | |
|---------------|--|--|-------------------------------|-----------------|------------------|------------------|-----------------|-----------------------------|---|--|
| NAICS Code(a) | Subsector and Industry | Establishments Able to Switch(b) | Would Not Switch Due to Price | 1 to 10 Percent | 11 to 25 Percent | 26 to 50 Percent | Over 50 Percent | Estimate Cannot Be Provided | Would Switch to More Expensive Substitute | |
| 325199 | Other Basic Organic Chemicals | 42 | W | Q | Q | Q | W | Q | 0 | |
| 325211 | Plastics Materials and Resins | 11 | 8 | W | 0 | 0 | W | W | 0 | |
| 325212 | Synthetic Rubber | 17 | 10 | 0 | W | 0 | 0 | W | 0 | |
| 325222 | Noncellulosic Organic Fibers | 8 | W | 0 | 3 | 0 | W | 0 | W | |
| 325311 | Nitrogenous Fertilizers | W | 0 | 0 | 0 | W | 0 | W | 0 | |
| 325312 | Phosphatic Fertilizers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3254 | Pharmaceuticals and Medicines | 121 | 56 | 6 | 21 | W | W | 20 | 0 | |
| 325412 | Pharmaceutical Preparation | 53 | 19 | W | 5 | W | W | Q | 0 | |
| 325992 | Photographic Film, Paper, Plate, and Chemicals | 16 | 9 | 3 | 0 | 0 | 0 | Q | 0 | |
| 326 | Plastics and Rubber Products | 395 | Q | Q | Q | Q | 0 | Q | 0 | |
| 327 | Nonmetallic Mineral Products | 841 | Q | 0 | 16 | Q | Q | 438 | Q | |
| 327121 | Brick and Structural Clay Tile | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 327211 | Flat Glass | 10 | 6 | 0 | 0 | 0 | 0 | 3 | 0 | |
| 327212 | Other Pressed and Blown Glass and Glassware | 10 | 5 | 0 | 0 | 0 | 0 | W | W | |
| 327213 | Glass Containers | 16 | W | 0 | W | W | 0 | 0 | 0 | |
| 327215 | Glass Products from Purchased Glass | 8 | 4 | 0 | 0 | 0 | 0 | 3 | 0 | |
| 327310 | Cements | 5 | 0 | 0 | 0 | W | 0 | W | 0 | |
| 327410 | Lime | 6 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | |
| 327420 | Gypsum | 5 | W | 0 | W | 0 | 0 | 0 | 0 | |
| 327993 | Mineral Wool | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 331 | Primary Metals | 141 | 52 | 4 | 16 | 16 | 5 | 43 | 3 | |
| 331111 | Iron and Steel Mills | W | 4 | 0 | 6 | W | W | 4 | W | |
| 331112 | Electrometallurgical Ferroalloy Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3312 | Steel Products from Purchased Steel | W | 0 | 0 | 0 | W | 0 | W | 0 | |
| 3313 | Alumina and Aluminum | 19 | 10 | 0 | W | W | 0 | W | 0 | |
| 331314 | Secondary Smelting and Alloying of Aluminum | 4 | W | 0 | 0 | W | 0 | W | 0 | |
| 331315 | Aluminum Sheet, Plate and Foils | W | W | 0 | 0 | 0 | 0 | 0 | 0 | |
| 331316 | Aluminum Extruded Products | 11 | W | 0 | 0 | 0 | 0 | W | 0 | |
| 3314 | Nonferrous Metals, except Aluminum | 24 | 7 | 0 | Q | Q | 0 | 7 | 0 | |
| 331419 | Primary Smelting and Refining of Nonferrous Metals, except Copper and Alun | 8 | W | 0 | 0 | 0 | 0 | W | 0 | |
| 3315 | Foundries | 74 | 31 | 4 | W | Q | W | 23 | W | |
| 331511 | Iron Foundries | 11 | W | 0 | 0 | Q | W | 0 | 0 | |
| 331521 | Aluminum Die-Casting Foundries | Q | 0 | 0 | W | 0 | W | Q | 0 | |
| 331524 | Aluminum Foundries, except Die-Casting | 20 | 10 | 0 | 3 | 0 | 0 | 6 | 0 | |
| 332 | Fabricated Metal Products | 1,104 | Q | 0 | Q | Q | Q | Q | 0 | |
| 333 | Machinery | 717 | Q | 0 | Q | Q | Q | Q | 0 | |
| 334 | Computer and Electronic Products | 499 | Q | Q | Q | Q | Q | Q | Q | |
| 334413 | Semiconductors and Related Devices | 15 | W | W | W | W | Q | 0 | 0 | |
| 335 | Electrical Equip., Appliances, and Components | Q | 0 | 0 | Q | 0 | 0 | 0 | 0 | |
| 336 | Transportation Equipment | 319 | Q | W | W | Q | 0 | Q | Q | |

Table 10.14 Percent of Establishments by Levels of Price Difference that Would Cause Fuel Switching from Electricity to a Less Expensive Substitute, 2010;**Level: National Data;****Row: NAICS Codes;****Column: Levels of Price Difference;****Unit: Establishment Counts.**

| | | Levels of Price Difference that Would Cause a Switch from Electricity(c) | | | | | | | | |
|---------------|-----------------------------------|--|-------------------------------|-----------------|------------------|------------------|-----------------|-----------------------------|---|--|
| NAICS Code(a) | Subsector and Industry | Establishments Able to Switch(b) | Would Not Switch Due to Price | 1 to 10 Percent | 11 to 25 Percent | 26 to 50 Percent | Over 50 Percent | Estimate Cannot Be Provided | Would Switch to More Expensive Substitute | |
| 336111 | Automobiles | W | W | W | W | 0 | 0 | 0 | 0 | |
| 336112 | Light Trucks and Utility Vehicles | W | 0 | 0 | 0 | 0 | 0 | W | 0 | |
| 3364 | Aerospace Product and Parts | 77 | 17 | 0 | 4 | 0 | 0 | Q | Q | |
| 336411 | Aircraft | 20 | W | 0 | W | 0 | 0 | 9 | 0 | |
| 337 | Furniture and Related Products | Q | Q | Q | Q | Q | 0 | Q | 0 | |
| 339 | Miscellaneous | 490 | Q | 0 | Q | Q | Q | Q | 0 | |
| | Total | 8,176 | 1,975 | 254 | 1,701 | 1,247 | 724 | 1,839 | 275 | |

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

(b) This count includes only those establishments that reported this activity in 2010.

(c) These levels of price difference were guesstimates at which establishments perceived that they would switch. These levels were not actual values at which switching occurred. The percentage of price difference is computed as the quantity of (current fuel price minus alternative fuel price) divided by the current fuel price, expressed as a percent.

NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

Notes: To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. Totals may not equal sum of components because of independent rounding. Establishment percents may not equal 100 percent because of unknown and/or unreported fuel-switching guesstimate.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2010 Manufacturing Energy Consumption Survey.'