Column: Energy Sources;
Unit: Establishment Counts

| NAICS Code(a) | Subsector and Industry | Coal(b) |  |  | Alternative Energy Sources(c) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total Consumed(d) | Switchable | Not Switchable | Electricity Receipts(e) | Natural Gas | Distillate Fuel Oil | Residual Fuel Oil | LPG | Other(f) |
| Total United States |  |  |  |  |  |  |  |  |  |  |
| 311 | Food | 67 | 21 | 49 | w | 19 | 10 | w | w | w |
| 3112 | Grain and Oilseed Milling | 35 | 7 | 29 | w | 7 | 3 | 0 | w | w |
| 311221 | Wet Corn Milling | 18 | 4 | 17 | 0 | 4 | w | 0 | w | 0 |
| 31131 | Sugar Manufacturing | 26 | 13 | 20 | 0 | 11 | w | w | 0 | w |
| 3114 | Fruit and Vegetable Preserving and Specialty Foods | w | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3115 | Dairy Products | w | w | 0 | 0 | w | w | 0 | 0 | 0 |
| 3116 | Animal Slaughtering and Processing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 312 | Beverage and Tobacco Products | 17 | 9 | 13 | 0 | 7 | 4 | w | 0 | 0 |
| 3121 | Beverages | 10 | 4 | 9 | 0 | w | 0 | 0 | 0 | 0 |
| 3122 | Tobacco | 7 | 4 | 4 | 0 | w | 4 | w | 0 | 0 |
| 313 | Textile Mills | 51 | w | 32 | 0 | w | 0 | 0 | 0 | 0 |
| 314 | Textile Product Mills | Q | Q | w | 0 | Q | w | 0 | 0 | 0 |
| 315 | Apparel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 316 | Leather and Allied Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 321 | Wood Products | Q | w | Q | 0 | w | 0 | 0 | 0 | 0 |
| 321113 | Sawmills | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3212 | Veneer, Plywood, and Engineered Woods | Q | 0 | Q | 0 | 0 | 0 | 0 | 0 | 0 |
| 3219 | Other Wood Products | w | w | 0 | 0 | w | 0 | 0 | 0 | 0 |
| 322 | Paper | 107 | 56 | 67 | 8 | 40 | 15 | 14 | w | 14 |
| 322110 | Pulp Mills | w | 0 | w | 0 | 0 | 0 | 0 | 0 | 0 |
| 322121 | Paper Mills, except Newsprint | 59 | 33 | 39 | 4 | 21 | 9 | 7 | w | 9 |
| 322122 | Newsprint Mills | 3 | 0 | w | 0 | 0 | 0 | 0 | 0 | 0 |
| 322130 | Paperboard Mills | 38 | 20 | 21 | 4 | 16 | 5 | 7 | 0 | 5 |
| 323 | Printing and Related Support | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 324 | Petroleum and Coal Products | 7 | w | w | w | w | 0 | 0 | 0 | 0 |
| 324110 | Petroleum Refineries | w | w | w | 0 | w | 0 | 0 | 0 | 0 |
| 324199 | Other Petroleum and Coal Products | 4 | w | w | w | w | 0 | 0 | 0 | 0 |
| 325 | Chemicals | 61 | 29 | 27 | w | 24 | 12 | 4 | w | 0 |
| 325110 | Petrochemicals | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 325120 | Industrial Gases | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 325181 | Alkalies and Chlorine | 4 | 0 | w | 0 | 0 | 0 | 0 | 0 | 0 |
| 325182 | Carbon Black | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 325188 | Other Basic Inorganic Chemicals | 6 | w | w | w | w | 0 | 0 | 0 | 0 |
| 325192 | Cyclic Crudes and Intermediates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 325193 | Ethyl Alcohol | 7 | 4 | w | 0 | 4 | w | 0 | 0 | 0 |
| 325199 | Other Basic Organic Chemicals | 9 | 4 | 4 | 0 | 4 | 0 | 0 | 0 | 0 |
| 325211 | Plastics Materials and Resins | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 325212 | Synthetic Rubber | w | w | w | 0 | w | w | 0 | 0 | 0 |
| 325222 | Noncellulosic Organic Fibers | 8 | 6 | w | w | w | 4 | w | 0 | 0 |
| 325311 | Nitrogenous Fertilizers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 325312 | Phosphatic Fertilizers | w | 0 | w | 0 | 0 | 0 | 0 | 0 | 0 |
| 3254 | Pharmaceuticals and Medicines | 10 | 7 | w | 0 | 7 | w | 0 | w | 0 |
| 325412 | Pharmaceutical Preparation | 8 | 7 | w | 0 | 7 | w | 0 | w | 0 |
| 325992 | Photographic Film, Paper, Plate, and Chemicals | w | w | w | 0 | 0 | w | w | 0 | 0 |
| 326 | Plastics and Rubber Products | w | w | w | 0 | w | 0 | 0 | 0 | 0 |
| 327 | Nonmetallic Mineral Products | 194 | 45 | 133 | 0 | 29 | 3 | w | 0 | 18 |
| 327211 | Flat Glass | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 327212 | Other Pressed and Blown Glass and Glassware | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 327213 | Glass Containers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 327215 | Glass Products from Purchased Glass | Q | 0 | Q | 0 | 0 | 0 | 0 | 0 | 0 |
| 327310 | Cements | 81 | 31 | 63 | 0 | 17 | w | w | 0 | 14 |
| 327410 | Lime | 46 | 12 | 36 | 0 | 10 | w | 0 | 0 | 4 |
| 327420 | Gypsum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 327993 | Mineral Wool | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Unit: Establishment Counts

| NAICS Code(a) | Subsector and Industry | Total Consumed(d) | Switchable | Not Switchable | Electricity Receipts(e) | Natural Gas | Distillate Fuel Oil | Residual Fuel Oil | LPG | Other(f) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 331 | Primary Metals | 24 | 6 | 15 | 0 | w | w | 0 | 0 | w |
| 331111 | Iron and Steel Mills | 14 | w | w | 0 | w | 0 | 0 | 0 | w |
| 331112 | Electrometallurgical Ferroalloy Products | w | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3312 | Steel Products from Purchased Steel | w | w | 0 | 0 | w | 0 | 0 | 0 | 0 |
| 3313 | Alumina and Aluminum | w | 0 | w | 0 | 0 | 0 | 0 | 0 | 0 |
| 331314 | Secondary Smelting and Alloying of Aluminum | w | 0 | w | 0 | 0 | 0 | 0 | 0 | 0 |
| 331315 | Aluminum Sheet, Plate and Foils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 331316 | Aluminum Extruded Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3314 | Nonferrous Metals, except Aluminum | 5 | w | w | 0 | w | w | 0 | 0 | w |
| 3315 | Foundries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 331511 | Iron Foundries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 331521 | Aluminum Die-Casting Foundries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 331524 | Aluminum Foundries, except Die-Casting | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 332 | Fabricated Metal Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 333 | Machinery | w | w | w | w | w | 0 | 0 | 0 | 0 |
| 334 | Computer and Electronic Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 334413 | Semiconductors and Related Devices | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 335 | Electrical Equip., Appliances, and Components | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 336 | Transportation Equipment | 13 | 7 | 9 | 0 | 7 | 0 | 0 | 0 | 0 |
| 336111 | Automobiles | 4 | w | 4 | 0 | w | 0 | 0 | 0 | 0 |
| 336112 | Light Trucks and Utility Vehicles | w | 0 | w | 0 | 0 | 0 | 0 | 0 | 0 |
| 3364 | Aerospace Product and Parts | w | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 336411 | Aircraft | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 337 | Furniture and Related Products | 29 | Q | Q | 0 | w | 0 | w | 0 | w |
| 339 | Miscellaneous | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Total | 694 | 297 | 426 | 16 | 230 | 52 | 29 | 5 | 56 |

(a) The Bureau of the Census classifies establishments using the North American Industry Classification System (NAICS)
(b) These counts include only those establishments that reported this activity in 2006
(c) 'Alternative Energy Sources' consist of those energy sources that could
have been substituted for coal during 2006. The quantities are expressed in thousands of short tons, and therefore represent the quantity
(d) 'Total Consumed' represents those quantities (Total Inputs) of coal that we ascertained switchable or not switchable, plus an additional quantity for which he switching status was not ascertained.
(e) 'Electricity Receipts' represents those quantities of electricity
enerated off the manufacturing establishment site and available at the site for
consumption. It includes those quantities for which payment was made, quantities transferred in, quantities purchased and paid for by a central purchasing entity, and quantities for which payment was made in kind. It does not include electricity generated onsite. 'Electricity Receipts' has not been adjusted to account for any quantities that might have been resold or transferred out. The estimates include those quantities that were ascertained switching status was not ascertaine
(f) 'Other' includes all other types of energy not already identified that espondents indicated could have been consumed in place of coal. NF=No applicable RSE row/column factor
*Estimate less than 0.5
$\mathrm{W}=$ Withheld to avoid disclosing data for individual establishments. $Q=$ Withheld because Relative Standard Error is greater than 50 percen 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 enents because of independent rounding
Source: Energy Information Administration, Office of Energy Markets and End

Table 10.11 Number of Establishments with Capability to Switch Coal to Alternative Energy Sources, 2006;

## Level: National Data; Row: NAICS Codes;

Column: Energy Sources;
Unit: Establishment Counts.


