

| 311 | Food |
| :---: | :---: |
| 3112 | Grain and Oilseed Milling |
| 311221 | Wet Corn Milling |
| 31131 | Sugar Manufacturing |
| 3114 | Fruit and Vegetable Preserving and Specialty Foods |
| 3115 | Dairy Products |
| 3116 | Animal Slaughtering and Processing |
| 312 | Beverage and Tobacco Products |
| 3121 | Beverages |
| 3122 | Tobacco |
| 313 | Textile Mills |
| 314 | Textile Product Mills |
| 315 | Apparel |
| 316 | Leather and Allied Products |
| 321 | Wood Products |
| 321113 | Sawmills |
| 3212 | Veneer, Plywood, and Engineered Woods |
| 321219 | Reconstituted Wood Products |
| 3219 | Other Wood Products |
| 322 | Paper |
| 322110 | Pulp Mills |
| 322121 | Paper Mills, except Newsprint |
| 322122 | Newsprint Mills |
| 322130 | Paperboard Mills |
| 323 | Printing and Related Support |
| 324 | Petroleum and Coal Products |
| 324110 | Petroleum Refineries |
| 324121 | Asphalt Paving Mixture and Block |
| 324199 | Other Petroleum and Coal Products |
| 325 | Chemicals |
| 325110 | Petrochemicals |
| 325120 | Industrial Gases |
| 325181 | Alkalies and Chlorine |
| 325182 | Carbon Black |
| 325188 | Other Basic Inorganic Chemicals |
| 325192 | Cyclic Crudes and Intermediates |
| 325193 | Ethyl Alcohol |
| 325199 | Other Basic Organic Chemicals |
| 325211 | Plastics Materials and Resins |
| 325212 | Synthetic Rubber |
| 325222 | Noncellulosic Organic Fibers |
| 325311 | Nitrogenous Fertilizers |
| 325312 | Phosphatic Fertilizers |
| 3254 | Pharmaceuticals and Medicines |
| 325412 | Pharmaceutical Preparation |
| 325992 | Photographic Film, Paper, Plate, and Chemicals |
| 326 | Plastics and Rubber Products |
| 327 | Nonmetallic Mineral Products |
| 327121 | Brick and Structural Clay Tile |
| 327211 | Flat Glass |
| 327212 | Other Pressed and Blown Glass and Glassware |
| 327213 | Glass Containers |
| 327215 | Glass Products from Purchased Glass |
| 327310 | Cements |
| 327410 | Lime |
| 327420 | Gypsum |
| 327993 | Mineral Wool |
| 331 | Primary Metals |
| 331111 | Iron and Steel Mills |
| 331112 | Electrometallurgical Ferroalloy Products |
| 3312 | Steel Products from Purchased Steel |



Column: Energy Sources;

| Electricity Receipts(b) Alternative Energy Sources(c) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NAICS Code(a) | Selected Subsectors and Industry | Total Establishments vith Electricity Receipts(d | Switchable | $\begin{gathered} \text { Not } \\ \text { Switchable } \end{gathered}$ | Natural | Distillate Fuel Oil | Residual | Coal | LPG | $\begin{gathered} \text { Coal Coke } \\ \text { and } \\ \text { Breeze } \\ \hline \end{gathered}$ | Other(e) |
| 3313 | Alumina and Aluminum | 388 | 19 | 333 | 13 | w | 0 | 0 | w | 0 | w |
| 331314 | Secondary Smelting and Alloying of Aluminum | 79 | 4 | 72 | w | w | 0 | 0 | w | 0 | w |
| 331315 | Aluminum Sheet, Plate and Foils | 67 | w | 64 | w | 0 | 0 | 0 | 0 | 0 | 0 |
| 331316 | Aluminum Extruded Products | 133 | 11 | 128 | 7 | w | 0 | 0 | w | 0 | 0 |
| 3314 | Nonferrous Metals, except Aluminum | 602 | 24 | 575 | 19 | 6 | 0 | 0 | w | 0 | 0 |
| 331419 | Primary Smelting and Refining of Nonferrous Metals, except Copper and Alu | 82 | 8 | 77 | 8 | w | 0 | 0 | w | 0 | 0 |
| 3315 | Foundries | 1,341 | 74 | 1,257 | 53 | 25 | w | 0 | 17 | 0 | w |
| 331511 | Iron Foundries | 332 | 11 | 315 | 9 | 7 | w | 0 | w | 0 | 0 |
| 331521 | Aluminum Die-Casting Foundries | 162 | Q | 127 | Q | w | 0 | 0 | 0 | 0 | 0 |
| 331524 | Aluminum Foundries, except Die-Casting | 271 | 20 | 258 | 9 | 8 | 0 | 0 | 8 |  | w |
| 332 | Fabricated Metal Products | 32,369 | 1,104 | 27,860 | 623 | Q | 0 | 0 | w |  | w |
| 333 | Machinery | 14,370 | 717 | 11,798 | 416 | 269 | Q | w | 263 | w | Q |
| 334 | Computer and Electronic Products | 6,685 | 499 | 5,639 | Q | Q | 0 | w | 0 | 0 | Q |
| 334413 | Semiconductors and Related Devices | 419 | 15 | 408 | w | 9 | 0 | 0 | 0 | 0 | w |
| 335 | Electrical Equip., Appliances, and Components | 3,294 | Q | 3,111 | Q | w | 0 | 0 | 0 | 0 | 0 |
| 336 | Transportation Equipment | 6,270 | 319 | 5,747 | 293 | 226 | w | w | Q | 0 | Q |
| 336111 | Automobiles | 68 | w | w | 0 | w | 0 | 0 | 0 | 0 | w |
| 336112 | Light Trucks and Utility Vehicles | 50 | w | 38 | 0 | w | 0 | 0 | 0 | 0 | 0 |
| 3364 | Aerospace Product and Parts | 1,077 | 77 | 967 | 56 | 63 | w | 0 | Q | 0 | Q |
| 336411 | Aircraft | 278 | 20 | 265 | 8 | 17 | w | 0 | w | 0 | w |
| 337 | Furniture and Related Products | 8,187 | Q | 7,008 | Q | Q | 0 | w | w | 0 | w |
| 339 | Miscellaneous | 13,491 | 490 | 11,573 | 325 | Q | 0 | w | w | w | w |
|  | Total | 170,061 | 8,176 | 146,745 | 4,854 | 3,007 | 386 | 729 | 1,222 | 345 | 1,239 |

(a) The Bureau of the Census classin)

Industry Classification System (NAICS)
. 2010 .
(c) Atternative Energy Sources' consist of those energy sources that could
have been substituted for electricity receipts during 2010. The quantities are
expressed in milions of kilowatthours, and therefore represent the quantity of
energy.
Total Receipts' represents those quantities of electricity generated off manufacturing establishment site and available at the site for consumption. It includes those quantities for which payment was made, quantities transferre
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
ny quantities that might have been resold or transferred out The acount for
include those quantities that were ascertained switchable or not switchable,
plus an additional quantity for which the switching status was not ascertained.
(e) 'Other' includes all other types of energy not already identified tha
espondents indicated could have been consumed in place of electricity.
NF=No applicable RSE row/column factor-

* Estimate less than 0.5 .

W=Withheld to avoid disclosing data for individual establishments.
$\mathrm{Q}=$ Withheld because Relative Standard Error is greater than 50 percen
$\mathrm{Q}=$ = Not available.
NA=Not aval
Notes: Totals may
Source: Us. Enay not equal sum of components because of independent rounding.
Consumption and Efficiency Station Administration, Office of Energy
Energy Consumption Survey.

| NAICS Code(a) | Selected Subsectors and Industry | Total Establishments with Electricity Receipts(d | Switchable | $\begin{gathered} \text { Not } \\ \text { Switchable } \end{gathered}$ | $\begin{aligned} & \text { Natural } \\ & \text { Gas } \end{aligned}$ | Distillate Fuel Oil | Residual Fuel Oil | Coal | LPG | $\begin{gathered} \text { Coal Coke } \\ \text { and } \\ \text { Breeze } \end{gathered}$ | Other(e) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total United States |  |  |  |  |  |  |  |  |  |  |  |
| 311 | Food | 0.1 | 25.2 | 2.3 | 35.3 | 32.7 | 53.5 | 56.9 | 49.5 | 61.1 | 57.5 |
| 3112 | Grain and Oilseed Milling | 0.0 | 26.8 | 1.1 | 37.4 | 46.5 | 72.4 | 50.6 | 72.4 | 61.1 | 17.3 |
| 311221 | Wet Corn Milling | 0.0 | 0.0 | 0.0 | 0.0 | x | x | 0.0 | x | x | x |
| 31131 | Sugar Manufacturing | 0.0 | 0.0 | 0.0 | x | 0.0 | x | x | x | x | x |
| 3114 | Fruit and Vegetable Preserving and Specialty Foods | 0.1 | 41.5 | 4.4 | 72.7 | 54.6 | x | x | 92.1 | $\times$ | 64.0 |
| 3115 | Dairy Products | 0.1 | 29.0 | 1.9 | 24.2 | 40.0 | 6.7 | x | 15.5 | x | 84.4 |
| 3116 | Animal Slaughtering and Processing | 0.0 | 35.0 | 2.9 | 47.3 | 41.1 | x | 92.9 | 63.4 | $x$ | 91.9 |
| 312 | Beverage and Tobacco Products | 0.0 | 40.0 | 3.8 | 58.5 | 65.8 | 66.4 | 7.1 | 88.8 | x | 67.2 |
| 3121 | Beverages | 0.0 | 40.4 | 3.9 | 58.5 | 65.8 | 66.4 | 7.1 | 88.8 | $\times$ | 68.9 |
| 3122 | Tobacco | 0.0 | 0.0 | 0.0 | x | x | x | x | x | x | 0.0 |
| 313 | Textile Mills | 0.0 | 53.1 | 5.2 | 52.6 | 61.6 | 86.7 | x | x | $\times$ | x |
| 314 | Textile Product Mills | 0.0 | 52.7 | 11.2 | 64.8 | 74.0 | 93.6 | 98.3 | 89.0 | x | 93.6 |
| 315 | Apparel | 0.0 | 79.6 | 8.7 | 79.6 | x | x | x | x | $\times$ | x |
| 316 | Leather and Allied Products | 0.0 | 63.1 | 14.4 | 17.6 | x | $\times$ | 85.1 | x | x | 91.8 |
| 321 | Wood Products | 0.9 | 23.5 | 2.6 | 45.6 | 29.4 | 5.3 | 67.2 | 44.9 | 89.8 | 49.9 |
| 321113 | Sawmills | 0.7 | 24.3 | 2.8 | 63.4 | 26.3 | 6.4 | 77.2 | 35.2 | x | 76.0 |
| 3212 | Veneer, Plywood, and Engineered Woods | 0.0 | 56.7 | 4.0 | 64.4 | 65.6 | 9.1 | 89.8 | 76.2 | 89.8 | 89.8 |
| 321219 | Reconstituted Wood Products | 0.0 | 13.5 | 0.1 | 13.5 | 13.5 | x | x | x | x | x |
| 3219 | Other Wood Products | 1.5 | 49.5 | 4.3 | 80.6 | 74.7 | x | x | 7.8 | x | 75.5 |
| 322 | Paper | 0.0 | 30.9 | 4.5 | 38.3 | 45.8 | 0.0 | 69.6 | 0.0 | 0.0 | 65.7 |
| 322110 | Pulp Mills | 0.0 | 0.0 | 0.0 | 0.0 | x | 0.0 | x | x | x | x |
| 322121 | Paper Mills, except Newsprint | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 322122 | Newsprint Mills | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | x | x | X |
| 322130 | Paperboard Mills | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | x | x | 0.0 |
| 323 | Printing and Related Support | 0.0 | 27.4 | 3.5 | 30.7 | 66.4 | x | 98.8 | 92.6 | x | 98.8 |
| 324 | Petroleum and Coal Products | 0.1 | 11.0 | 1.9 | 8.6 | 15.7 | 1.9 | 2.1 | 8.0 | x | 13.1 |
| 324110 | Petroleum Refineries | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | x | 0.0 | x | 0.0 |
| 324121 | Asphalt Paving Mixture and Block | 0.1 | 14.0 | 3.0 | 13.5 | 16.5 | 5.3 | 5.3 | 27.2 | x | 38.0 |
| 324199 | Other Petroleum and Coal Products | 0.0 | 0.0 | 0.0 | 0.0 | x | x | 0.0 | x | x | 0.0 |
| 325 | Chemicals | 0.1 | 23.8 | 2.8 | 38.5 | 25.5 | 66.6 | 50.9 | 41.8 | 66.6 | 53.4 |
| 325110 | Petrochemicals | 0.0 | 0.0 | 0.0 | 0.0 | x | 0.0 | x | x | x | 0.0 |
| 325120 | Industrial Gases | 0.0 | 42.9 | 6.8 | 42.9 | x | x | 42.9 | 42.9 | x | x |
| 325181 | Alkalies and Chlorine | 0.0 | 0.0 | 0.0 | 0.0 | $\times$ | $x$ | 0.0 | x | $\times$ | x |
| 325182 | Carbon Black | 0.0 | $\times$ | 0.0 | $\times$ | $\times$ | x | x | $x$ | $\times$ | x |
| 325188 | Other Basic Inorganic Chemicals | 0.0 | 11.6 | 0.1 | 11.6 | 11.6 | x | x | x | x | $\times$ |
| 325192 | Cyclic Crudes and Intermediates | 0.0 | $\times$ | 0.0 | X | $\times$ | x | x | x | x | $\times$ |
| 325193 | Ethyl Alcohol | 0.0 | 4.3 | 0.1 | 4.3 | 4.3 | x | x | x | x | x |
| 325199 | Other Basic Organic Chemicals | 0.1 | 49.5 | 0.9 | 28.7 | 59.1 | x | x | x | x | 16.6 |
| 325211 | Plastics Materials and Resins | 0.1 | 29.7 | 2.8 | 29.3 | 55.0 | 66.8 | x | 66.8 | $\times$ | 47.7 |
| 325212 | Synthetic Rubber | 0.0 | 21.1 | 2.3 | 29.8 | 31.2 | x | x | x | x | 12.3 |
| 325222 | Noncellulosic Organic Fibers | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | x | 0.0 | x | x | 0.0 |
| 325311 | Nitrogenous Fertilizers | 0.0 | 0.0 | 0.0 | 0.0 | x | x | x | x | $\times$ | $\times$ |
| 325312 | Phosphatic Fertilizers | 0.0 | X | 0.0 | x | $\times$ | $\times$ | x | x | x | X |
| 3254 | Pharmaceuticals and Medicines | 0.0 | 17.7 | 2.6 | 37.2 | 19.0 | 81.0 | 93.8 | 50.6 | 93.8 | 74.5 |
| 325412 | Pharmaceutical Preparation | 0.0 | 19.8 | 3.0 | 15.0 | 19.8 | 10.2 | X | 30.0 | $\times$ | 10.2 |
| 325992 | Photographic Film, Paper, Plate, and Chemicals | 0.0 | 26.6 | 3.2 | 14.1 | 14.1 | x | 14.1 | x | x | 79.9 |
| 326 | Plastics and Rubber Products | 0.0 | 36.6 | 2.7 | 50.6 | 57.6 | 62.3 | 80.5 | 62.3 | 80.5 | 96.6 |
| 327 | Nonmetallic Mineral Products | 0.1 | 26.3 | 2.3 | 39.8 | 32.4 | 35.0 | x | 60.3 | x | 27.5 |
| 327121 | Brick and Structural Clay Tile | 0.0 | x | 1.8 | $x$ | x | x | $x$ | x | x | $\times$ |
| 327211 | Flat Glass | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | $x$ | $x$ | $x$ | x | x |
| 327212 | Other Pressed and Blown Glass and Glassware | 0.0 | 20.8 | 1.2 | 13.2 | 13.2 | $x$ | x | 13.2 | $\times$ | 46.7 |
| 327213 | Glass Containers | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | x | 0.0 | x | x |
| 327215 | Glass Products from Purchased Glass | 0.0 | 8.9 | 3.1 | 8.9 | 8.9 | x | x | 8.9 | x | 8.9 |
| 327310 | Cements | 0.1 | 30.1 | 9.2 | 13.2 | 61.4 | 59.6 | x | 13.2 | x | x |
| 327410 | Lime | 0.0 | 0.0 | 0.0 | 0.0 | x | $\times$ | x | x | $\times$ | $x$ |
| 327420 | Gypsum | 0.0 | 30.3 | 0.3 | 13.9 | x | $\times$ | x | 40.8 | x | $\times$ |
| 327993 | Mineral Wool | 0.0 | x | 0.1 | x | x | x | x | x | x | x |
| 331 | Primary Metals | 0.1 | 10.0 | 1.3 | 12.6 | 10.1 | 54.7 | x | 15.0 | x | 18.2 |
| 331111 | Iron and Steel Mills | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | x | x | 0.0 | x | 0.0 |
| 331112 | Electrometallurgical Ferroalloy Products | 0.0 | $\times$ | 0.0 | x | x | $x$ $\times$ $\times$ | $\times$ | x | x | $x$ $x$ |
| 3312 | Steel Products from Purchased Steel | 0.0 | 12.2 | 1.4 | 12.2 | 12.2 | x | x | 12.2 | x | X |
| 3313 | Alumina and Aluminum | 0.0 | 8.5 | 9.4 | 7.1 | 21.4 | x | $\times$ | 12.5 | $\times$ | 0.0 |


| NAICS <br> Code(a) | Selected Subsectors and Industry | Total Establishments nith Electricity Receipts(d | Switchable | $\begin{gathered} \text { Not } \\ \text { Switchable } \end{gathered}$ | Natural Gas | Distillate Fuel Oil | Residual Fuel Oil | Coal |  | LPG |  | Coal Cok and Breeze |  | Other(e) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 331314 | Secondary Smelting and Alloying of Aluminum | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | x |  | x |  | 0.0 |  | x | 0.0 |
| 331315 | Aluminum Sheet, Plate and Foils | 0.0 | 0.0 | 0.0 | 0.0 | x | x |  | $\times$ |  | $\times$ |  | x |  |
| 331316 | Aluminum Extruded Products | 0.0 | 12.9 | 1.0 | 5.6 | 33.3 | x |  | x |  | 5.6 |  | $x$ |  |
| 3314 | Nonferrous Metals, except Aluminum | 0.0 | 24.7 | 2.3 | 29.9 | 8.2 | x |  | x |  | 0.0 |  | x |  |
| 331419 | Primary Smelting and Refining of Nonferrous Metals, except Copper and Alu | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | $\times$ |  | x |  | 0.0 |  | $x$ |  |
| 3315 | Foundries | 0.1 | 17.1 | 1.5 | 22.7 | 15.2 | 54.7 |  | x |  | 25.2 |  | x | 29.8 |
| 331511 | Iron Foundries | 0.1 | 28.2 | 2.3 | 36.4 | 44.7 | 70.6 |  | x |  | 70.6 |  | x |  |
| 331521 | Aluminum Die-Casting Foundries | 0.0 | 51.0 | 12.3 | 60.2 | 11.7 | x |  | x |  | X |  | x |  |
| 331524 | Aluminum Foundries, except Die-Casting | 0.1 | 19.9 | 1.6 | 25.8 | 14.2 | x |  | x |  | 32.8 |  | x | 12.3 |
| 332 | Fabricated Metal Products | 0.0 | 33.2 | 2.6 | 43.2 | 55.3 | x |  | x |  | 77.2 |  | x | 99.4 |
| 333 | Machinery | 0.0 | 30.4 | 3.3 | 39.7 | 48.1 | 62.1 |  | 69.7 |  | 49.4 |  | 69.7 | 56.8 |
| 334 | Computer and Electronic Products | 0.0 | 34.4 | 4.4 | 50.1 | 54.6 | x |  | 98.6 |  | x |  | x | 68.2 |
| 334413 | Semiconductors and Related Devices | 0.0 | 37.9 | 1.4 | 84.5 | 46.0 | x |  | $\times$ |  | $\times$ |  | x | 14.9 |
| 335 | Electrical Equip., Appliances, and Components | 0.0 | 67.2 | 3.2 | 67.2 | 95.1 | $x$ |  | x |  | $\times$ |  | x |  |
| 336 | Transportation Equipment | 0.0 | 40.5 | 2.9 | 44.2 | 47.6 | 11.1 |  | 73.6 |  | 71.5 |  | x | 72.9 |
| 336111 | Automobiles | 0.0 | 0.0 | 0.0 | x | 0.0 | x |  | x |  | x |  | x | 0.0 |
| 336112 | Light Trucks and Utility Vehicles | 0.0 | 0.0 | 0.0 | x | 0.0 | x |  | x |  | $x$ |  | x |  |
| 3364 | Aerospace Product and Parts | 0.0 | 35.5 | 4.3 | 48.0 | 42.9 | 11.1 |  | x |  | 76.2 |  | x | 81.8 |
| 336411 | Aircraft | 0.0 | 21.0 | 1.3 | 16.8 | 22.7 | 16.8 |  | x |  | 16.8 |  | x | 16.8 |
| 337 | Furniture and Related Products | 0.8 | 52.3 | 3.8 | 56.8 | 83.5 | x |  | 96.5 |  | 98.7 |  | x | 98.0 |
| 339 | Miscellaneous | 0.1 | 37.4 | 3.0 | 46.4 | 64.8 | x |  | 98.8 |  | 98.8 |  | 98.8 | 98.8 |
|  | Total | 0.1 | 8.8 | 0.9 | 11.7 | 13.1 | 36.0 |  | 30.9 |  | 21.0 |  | 41.9 | 23.0 |

(a) The Bureau of the Census classifies establishments using the North American
dustry Classification System (NAICS)
(b) These counts include only those establishments that reported this activity in 2010.
(c) 'Alternative Energy Sources' consist of those energy sources that could
have been substituted for electricity receipts during 2010. The quantities are
expressed in millions of kilowatthours, and therefore represent the quantity of
energy.
(d) 'Total Receipts' represents those quantities of electricity generated o
manufacturing establishment site and available at the site for consumptio
It includes those quantities for which payment was made, quantities transferre
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
any quantities that might have been resold or transferred out. The estimates
include those quantities that were ascertained switchable or not switchable,
Mus an additional quantity for which the switching status was not ascertain
(e) 'Other includes all other types of energy not already identified that
respondents indicated could have been consumed in place of electricit.
NF=No applicable RSE row/column factor.
Estimate less than 0.5 .
$\mathrm{W}=$ Withheld to avoid disclosing data for individual establishments.
$\mathrm{Q}=$ Withheld because Relative Standard Error is greater than 50 percent.
$\mathrm{NA}=\mathrm{Not}$ available.
Notes: Totals may not equal sum of components because of independent rounding
Source: U.S. Energy Information Administration, Office of Energy
Onsump
Energy Consumption Survey.

