

Table 2.4 Number of Establishments by Nonfuel (Feedstock) Use of Combustible Energy, 2010;

Level: National Data;

Row: NAICS Codes; Column: Energy Sources;

Unit: Establishment Counts.

NAICS Code(a)	Subsector and Industry	Any Combustible Energy Source(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)
Total United States									
311	Food	592	W	Q	Q	Q	0	0	345
3112	Grain and Oilseed Milling	85	0	W	15	Q	0	0	57
311221	Wet Corn Milling	8	0	0	0	0	0	0	8
31131	Sugar Manufacturing	W	0	W	0	W	0	0	W
3114	Fruit and Vegetable Preserving and Specialty Foods	70	W	W	W	W	0	0	Q
3115	Dairy Products	20	0	6	5	4	0	0	10
3116	Animal Slaughtering and Processing	81	W	3	6	W	0	0	72
312	Beverage and Tobacco Products	133	W	W	Q	W	0	0	14
3121	Beverages	125	W	W	W	W	0	0	11
3122	Tobacco	9	0	0	W	0	0	0	3
313	Textile Mills	87	0	0	W	Q	0	0	Q
314	Textile Product Mills	W	0	0	0	0	W	0	W
315	Apparel	0	0	0	0	0	0	0	0
316	Leather and Allied Products	Q	0	0	0	W	0	0	W
321	Wood Products	631	Q	134	Q	63	0	0	487
321113	Sawmills	210	0	47	4	W	0	0	159
3212	Veneer, Plywood, and Engineered Woods	116	W	Q	4	Q	0	0	105
321219	Reconstituted Wood Products	21	0	W	W	0	0	0	18
3219	Other Wood Products	259	0	Q	W	Q	0	0	195
322	Paper	271	0	7	W	Q	0	0	201
322110	Pulp Mills	6	0	W	0	W	0	0	W
322121	Paper Mills, except Newsprint	18	0	W	W	0	0	0	16
322122	Newsprint Mills	5	0	W	0	0	0	0	5
322130	Paperboard Mills	18	0	W	W	W	0	0	15
323	Printing and Related Support	Q	0	W	W	W	0	0	10
324	Petroleum and Coal Products	138	W	52	7	26	5	4	81
324110	Petroleum Refineries(g)(h)	0	0	0	0	0	0	0	0
324121	Asphalt Paving Mixture and Block	87	W	45	W	12	0	0	52
324199	Other Petroleum and Coal Products	21	W	W	0	0	5	4	15
325	Chemicals	907	15	Q	226	281	12	Q	468
325110	Petrochemicals	27	W	W	3	22	0	0	13
325120	Industrial Gases	Q	0	0	Q	W	0	0	5
325181	Alkalies and Chlorine	11	0	W	0	W	W	0	10
325182	Carbon Black	16	W	W	9	0	0	0	3
325188	Other Basic Inorganic Chemicals	92	0	Q	9	W	W	Q	59
325192	Cyclic Crudes and Intermediates	6	0	0	W	W	0	0	5
325193	Ethyl Alcohol	21	0	W	W	5	0	0	14
325199	Other Basic Organic Chemicals	150	0	4	42	27	4	0	119
325211	Plastics Materials and Resins	98	0	4	9	54	0	W	63
325212	Synthetic Rubber	13	0	0	W	W	0	0	9
325222	Noncellulosic Organic Fibers	W	0	0	W	0	0	0	W
325311	Nitrogenous Fertilizers	25	0	0	17	0	0	0	11
325312	Phosphatic Fertilizers	8	W	W	W	0	0	0	4
3254	Pharmaceuticals and Medicines	Q	0	W	Q	0	0	0	14
325412	Pharmaceutical Preparation	13	0	W	5	0	0	0	9
325992	Photographic Film, Paper, Plate, and Chemicals	8	0	W	W	0	0	0	W
326	Plastics and Rubber Products	605	0	W	Q	Q	0	0	284
327	Nonmetallic Mineral Products	964	W	417	Q	Q	Q	0	387
327121	Brick and Structural Clay Tile	8	0	W	W	0	W	0	W
327211	Flat Glass	19	0	W	0	W	W	0	17
327212	Other Pressed and Blown Glass and Glassware	11	0	0	W	W	0	0	7
327213	Glass Containers	12	0	W	0	0	0	0	11
327215	Glass Products from Purchased Glass	33	0	W	12	W	0	0	21
327310	Cements	37	W	W	7	5	0	0	30
327410	Lime	13	0	0	0	0	0	0	13
327420	Gypsum	6	0	W	0	0	0	0	6
327993	Mineral Wool	11	0	4	0	W	0	0	9
331	Primary Metals	474	W	22	92	32	59	41	320
331111	Iron and Steel Mills	103	0	4	28	5	35	14	56
331112	Electrometallurgical Ferroalloy Products	13	0	W	W	W	W	W	W

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3312	Steel Products from Purchased Steel	64	0	W	W	W	W	W	W
3313	Alumina and Aluminum	41	0	0	11	3	0	0	29
331314	Secondary Smelting and Alloying of Aluminum	8	0	0	W	W	0	0	6
331315	Aluminum Sheet, Plate and Foils	6	0	0	W	0	0	0	4
331316	Aluminum Extruded Products	15	0	0	5	0	0	0	10
3314	Nonferrous Metals, except Aluminum	118	0	7	4	9	6	7	102
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminum	20	0	0	W	W	6	0	13
3315	Foundries	135	W	6	39	9	11	12	77
331511	Iron Foundries	60	0	W	16	W	11	W	24
331521	Aluminum Die-Casting Foundries	18	0	0	W	W	0	0	16
331524	Aluminum Foundries, except Die-Casting	28	W	W	9	W	0	0	17
332	Fabricated Metal Products	1,892	0	W	Q	Q	W	W	1,379
333	Machinery	1,421	0	234	240	462	0	0	816
334	Computer and Electronic Products	269	0	0	W	Q	0	0	267
334413	Semiconductors and Related Devices	55	0	0	0	W	0	0	55
335	Electrical Equip., Appliances, and Components	482	0	W	Q	W	W	W	262
336	Transportation Equipment	976	0	56	Q	221	W	0	807
336111	Automobiles	3	0	W	0	W	0	0	W
336112	Light Trucks and Utility Vehicles	3	0	0	W	0	0	0	3
3364	Aerospace Product and Parts	67	0	W	8	9	0	0	46
336411	Aircraft	7	0	0	0	W	0	0	W
337	Furniture and Related Products	W	0	W	0	Q	0	0	Q
339	Miscellaneous	1,208	0	0	389	620	0	0	Q
	Total	11,560	93	1,353	1,897	2,612	118	68	6,568

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

(b) 'Any Combustible Energy Source' represents the non-duplicative total of establishments identified with any of the listed energy sources. This count includes only those establishments that reported this activity in 2010.

(c) 'Distillate Fuel Oil' includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.

(d) 'Natural Gas' includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.

(e) Examples of Liquefied Petroleum Gases ('LPG') are ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids ('NGL').

(f) 'Other' includes energy that respondents indicated was used as feedstock/raw material inputs. See also Footnote 'g'.

(g) For the petroleum refining industry only, the feedstocks and raw material inputs for the production of nonenergy products (i.e., asphalt, waxes, lubricants, and solvents) and feedstock consumption at adjoining petrochemical plants are included in the 'Other' column, regardless of type of energy.

Those inputs and feedstocks that were converted to other energy products (e.g., crude oil converted to residual and distillate fuel oils) are excluded.

(h) The establishment counts from the current frame represent the best classifications available according to current procedures. However, some errors in classification can produce results that are in obvious disagreement with other known sources. Such is the case for Petroleum Refineries, NAICS 324110. Upon later examination, this industry includes establishments that should probably be classified in other industries within 324. Their influence on energy consumption quantities should be minimal due to the relatively much higher energy intensities of correctly classified petroleum refineries.

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

The derived estimates presented in this table are for the first use (formerly primary consumption) of energy for heat and power and as feedstocks or raw material inputs.

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First use is defined as the consumption of the energy that was originally produced offsite or was produced onsite from input materials not classified as energy. Examples of the latter are hydrogen produced from the electrolysis of brine; the output of captive (onsite) mines or wells; woodchips, bark, and woodwaste from wood purchased as a raw material input; and waste materials, such as wastepaper and packing materials. First use excludes quantities of energy that are produced from other energy inputs and, therefore, avoids double counting.

Source: Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2010 Manufacturing Energy Consumption Survey,' and Office of Petroleum and Biofuels Statistics, Form EIA-810, 'Monthly Refinery Report' for 2010.