

**Table 3.4 Number of Establishments by Fuel Consumption, 2006;**  
 Level: National Data;  
 Row: NAICS Codes; Column: Energy Sources  
 Unit: Establishment Counts.

NAICS Code(a)	Subsector and Industry	Any Energy Source(b)	Net Electricity(c)	Residual Fuel Oil	Distillate Fuel Oil(d)	Natural Gas(e)	LPG and NGL(f)	Coal	Coke and Breeze	Other(g)
<b>Total United States</b>										
311	Food	14,128	14,113	326	1,462	11,395	2,920	67	13	1,240
3112	Grain and Oilseed Milling	580	580	15	174	445	269	35	0	148
311221	Wet Corn Milling	47	47	W	17	44	19	18	0	18
31131	Sugar Manufacturing	78	78	11	43	61	35	26	13	45
3114	Fruit and Vegetable Preserving and Specialty Food	1,125	1,125	13	112	961	325	W	0	127
3115	Dairy Product	1,044	1,044	25	88	941	147	W	0	104
3116	Animal Slaughtering and Processing	1,715	1,715	45	393	1,542	352	0	0	228
312	Beverage and Tobacco Products	1,830	1,830	15	348	957	790	17	0	234
3121	Beverages	1,758	1,758	8	319	900	758	10	0	224
3122	Tobacco	72	72	7	30	57	33	7	0	10
313	Textile Mills	1,966	1,966	116	179	1,532	630	51	0	193
314	Textile Product Mills	3,332	3,332	23	106	1,925	687	Q	0	178
315	Apparel	5,567	5,499	W	Q	2,977	360	0	0	Q
316	Leather and Allied Products	687	687	3	Q	392	57	0	0	Q
321	Wood Products	10,785	10,777	103	3,302	4,327	4,477	Q	W	2,189
321113	Sawmills	2,282	2,274	9	1,241	432	534	0	0	677
3212	Veneer, Plywood, and Engineered Woods	1,462	1,462	3	385	804	712	Q	0	230
3219	Other Wood Products	6,688	6,688	86	1,474	2,908	3,138	W	W	1,169
322	Paper	3,957	3,928	208	411	3,215	2,032	107	0	463
322110	Pulp Mills	32	32	12	21	27	14	W	0	25
322121	Paper Mills, except Newsprint	288	288	87	113	241	176	59	0	142
322122	Newsprint Mills	20	20	3	11	14	12	3	0	12
322130	Paperboard Mills	200	200	61	110	176	123	38	0	88
323	Printing and Related Support	18,917	18,830	Q	249	12,825	2,177	0	0	378
324	Petroleum and Coal Products	1,813	1,813	98	764	996	467	7	W	481
324110	Petroleum Refineries	209	209	31	95	200	96	W	0	180
324199	Other Petroleum and Coal Products	48	48	0	21	41	13	4	W	23
325	Chemicals	8,623	8,621	91	1,603	6,398	2,268	61	W	1,133
325110	Petrochemicals	45	45	W	14	37	9	0	0	24
325120	Industrial Gases	560	560	0	9	251	36	0	0	62
325181	Alkalies and Chlorine	32	32	0	19	26	12	4	0	23
325182	Carbon Black	24	24	W	7	23	7	0	0	8
325188	Other Basic Inorganic Chemicals	473	473	10	151	326	194	6	0	118
325192	Cyclic Crudes and Intermediates	25	25	W	9	23	7	0	0	11
325193	Ethyl Alcohol	65	65	0	26	64	14	7	0	15
325199	Other Basic Organic Chemicals	488	488	16	163	426	177	9	0	155
325211	Plastics Materials and Resins	558	557	4	181	510	241	5	W	208
325212	Synthetic Rubber	92	92	W	21	70	36	W	0	15
325222	Noncellulosic Organic Fibers	77	77	13	27	63	32	8	0	27
325311	Nitrogenous Fertilizers	65	65	0	21	47	23	0	0	22
325312	Phosphatic Fertilizers	32	32	W	20	25	11	W	0	23
3254	Pharmaceuticals and Medicines	1,123	1,123	24	271	878	157	10	0	78
325412	Pharmaceutical Preparation	580	580	16	156	452	92	8	0	56
325992	Photographic Film, Paper, Plate, and Chemicals	143	143	W	16	107	31	W	0	Q
326	Plastics and Rubber Products	9,823	9,823	92	647	7,669	3,474	W	0	809
327	Nonmetallic Mineral Products	11,914	11,914	104	3,606	6,449	3,229	194	18	1,907
327211	Flat Glass	42	42	W	29	41	28	0	0	23
327212	Other Pressed and Blown Glass and Glassware	157	157	0	37	113	98	0	0	36
327213	Glass Containers	55	55	0	26	55	29	0	0	22
327215	Glass Products from Purchased Glass	768	768	0	94	495	300	Q	0	100
327310	Cements	188	188	6	85	93	36	81	3	76
327410	Lime	62	62	W	51	40	27	46	5	45
327420	Gypsum	145	145	W	61	112	95	0	0	35
327993	Mineral Wool	188	188	0	35	156	93	0	10	21
331	Primary Metals	3,290	3,271	30	921	2,916	1,599	24	86	859
331111	Iron and Steel Mills	348	347	9	145	300	134	14	21	152
331112	Electrometallurgical Ferroalloy Products	18	18	0	14	18	9	W	W	14
3312	Steel Products from Purchased Steel	446	446	0	113	390	210	W	0	113
3313	Alumina and Aluminum	384	384	4	109	362	194	W	0	87
331314	Secondary Smelting and Alloying of Aluminum	97	97	W	40	90	43	W	0	19
331315	Aluminum Sheet, Plate and Foils	56	56	0	23	54	30	0	0	15
331316	Aluminum Extruded Products	150	150	W	22	142	80	0	0	38
3314	Nonferrous Metals, except Aluminum	574	574	W	168	453	263	5	W	190
3315	Foundries	1,520	1,503	W	372	1,393	789	0	52	305
331511	Iron Foundries	379	379	W	185	333	219	0	52	101
331521	Aluminum Die-Casting Foundries	185	185	0	5	172	62	0	0	32

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331524	Aluminum Foundries, except Die-Casting	309	309	W	47	279	156	0	0	59
332	Fabricated Metal Products	35,520	35,520	Q	3,298	25,150	13,059	0	W	4,934
333	Machinery	16,296	16,296	W	1,707	12,891	4,894	W	0	1,898
334	Computer and Electronic Products	8,188	8,188	7	541	5,323	992	0	0	426
334413	Semiconductors and Related Devices	522	522	W	104	462	45	0	0	24
335	Electrical Equip., Appliances, and Components	3,596	3,596	0	299	2,818	965	0	0	349
336	Transportation Equipment	7,024	7,024	111	1,096	5,434	2,754	13	W	1,369
336111	Automobiles	77	77	W	23	68	42	4	0	29
336112	Light Trucks and Utility Vehicles	47	47	W	25	42	17	W	0	28
3364	Aerospace Product and Parts	910	910	Q	70	671	426	W	0	193
336411	Aircraft	105	105	W	24	78	38	0	0	18
337	Furniture and Related Products	11,545	11,368	Q	879	6,753	3,139	29	0	1,073
339	Miscellaneous	15,702	15,702	Q	704	9,609	3,097	0	0	1,059
	Total	194,504	194,099	2,000	22,239	131,949	54,065	694	134	21,331

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

(b) 'Any 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 2006.

(c) 'Net Electricity' is obtained by summing purchases, transfers in, and generation from noncombustible renewable resources, minus quantities sold and transferred out. It does not include electricity inputs from onsite cogeneration or generation from combustible fuels because that energy has already been included as generating fuel (for example, coal).

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

(e) '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.

(f) 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').

(g) 'Other' includes net steam (the sum of purchases, generation from renewables, and net transfers), and other energy that respondents indicated was used to produce heat and power.

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. The estimates presented in this table are for the total consumption of energy (formerly total inputs of energy) for the production of heat, power, and electricity generation, regardless of where the energy was produced. Specifically, the estimates include the quantities of energy that were originally produced offsite and purchased by or transferred to the establishment, plus those that were produced onsite from other energy or input materials not classified as energy, or were extracted from captive (onsite) mines or wells.

During manufacturing processes, it is possible that the thermal energy content of an energy input is not completely consumed for the production of heat, power, or electricity generation. Hence, residuals of that input may remain. Those residual leftovers may be subsequently consumed for fuel purposes, whether onsite or offsite at another manufacturing establishment (for example, blast furnace gas as a byproduct recovered from coke and other inputs that were not completely consumed). In such cases, double counting of inputs cannot be avoided, and the "Fuel Consumption" estimates will be inflated.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2006 Manufacturing Energy Consumption Survey,' and Office of Oil and Gas, Petroleum Supply Division, Form EIA-810, 'Monthly Refinery Report' for 2006.