

**Table 4.4 Number of Establishments by Offsite-Produced Fuel Consumption, 2010;**

**Level: National Data;**  
**Row: NAICS Codes; Column: Energy Sources;**  
**Unit: Establishment Counts.**

NAICS Code(a)	Subsector and Industry	Any Energy Source(b)	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	13,269	13,265	144	2,413	10,373	4,039	64	W	1,496
3112	Grain and Oilseed Milling	602	602	9	201	489	268	30	0	137
311221	Wet Corn Milling	59	59	W	26	50	36	15	0	28
31131	Sugar Manufacturing	73	73	3	36	67	12	11	W	11
3114	Fruit and Vegetable Preserving and Specialty Foods	987	987	17	207	839	503	W	0	207
3115	Dairy Products	998	998	12	217	908	161	W	0	79
3116	Animal Slaughtering and Processing	1,709	1,709	72	512	1,262	583	W	0	297
312	Beverage and Tobacco Products	2,093	2,093	7	335	1,242	1,162	12	0	195
3121	Beverages	2,022	2,022	W	309	1,193	1,125	7	0	187
3122	Tobacco	71	71	W	26	48	38	5	0	8
313	Textile Mills	1,341	1,341	49	161	1,059	557	23	0	109
314	Textile Product Mills	3,531	3,531	W	Q	1,969	779	W	0	Q
315	Apparel	4,193	4,193	0	Q	1,979	Q	0	0	W
316	Leather and Allied Products	452	452	W	17	231	143	0	0	W
321	Wood Products	7,727	7,709	31	2,907	3,140	4,203	Q	0	1,791
321113	Sawmills	1,660	1,647	13	893	340	586	0	0	592
3212	Veneer, Plywood, and Engineered Woods	1,228	1,228	3	518	628	718	4	0	227
321219	Reconstituted Wood Products	182	182	3	97	137	137	W	0	70
3219	Other Wood Products	4,521	4,515	W	1,357	2,014	2,777	W	0	898
322	Paper	3,733	3,733	125	582	2,984	2,421	93	W	424
322110	Pulp Mills	41	41	17	28	32	25	W	0	27
322121	Paper Mills, except Newsprint	204	204	46	103	177	150	51	0	99
322122	Newsprint Mills	26	26	4	18	15	20	W	0	16
322130	Paperboard Mills	177	177	48	98	147	132	30	W	95
323	Printing and Related Support	15,313	15,313	W	250	10,055	2,469	0	0	471
324	Petroleum and Coal Products	2,024	2,017	156	995	1,315	677	9	0	572
324110	Petroleum Refineries(h)	232	231	29	110	202	107	W	0	189
324121	Asphalt Paving Mixture and Block	1,338	1,332	122	733	767	233	W	0	256
324199	Other Petroleum and Coal Products	48	48	0	32	44	20	4	0	29
325	Chemicals	8,289	8,287	39	1,594	6,339	3,658	71	0	1,187
325110	Petrochemicals	40	40	W	24	38	9	0	0	26
325120	Industrial Gases	486	486	0	18	176	Q	0	0	9
325181	Alkalies and Chlorine	35	35	0	21	27	18	5	0	18
325182	Carbon Black	33	32	W	11	29	8	0	0	11
325188	Other Basic Inorganic Chemicals	470	470	W	204	399	263	5	0	145
325192	Cyclic Crudes and Intermediates	24	24	W	14	23	13	0	0	14
325193	Ethyl Alcohol	185	185	0	82	170	57	12	0	54
325199	Other Basic Organic Chemicals	476	475	W	174	423	254	6	0	168
325211	Plastics Materials and Resins	744	744	3	169	627	425	5	0	166
325212	Synthetic Rubber	126	126	0	20	78	52	W	0	21
325222	Noncellulosic Organic Fibers	77	77	5	23	59	42	4	0	22
325311	Nitrogenous Fertilizers	70	70	W	40	44	30	0	0	29
325312	Phosphatic Fertilizers	65	65	W	24	32	24	W	0	23
3254	Pharmaceuticals and Medicines	1,178	1,178	9	213	956	227	6	0	107
325412	Pharmaceutical Preparation	609	609	W	129	500	117	6	0	54
325992	Photographic Film, Paper, Plate, and Chemicals	138	138	W	19	117	37	W	0	18
326	Plastics and Rubber Products	8,268	8,268	W	557	6,374	4,236	W	0	677
327	Nonmetallic Mineral Products	11,997	11,997	Q	5,689	6,460	3,826	254	28	2,145
327121	Brick and Structural Clay Tile	156	156	W	86	146	46	11	0	66
327211	Flat Glass	51	51	0	34	47	34	0	0	33
327212	Other Pressed and Blown Glass and Glassware	163	163	0	39	140	76	0	0	41
327213	Glass Containers	68	68	0	39	63	46	0	0	31
327215	Glass Products from Purchased Glass	561	561	0	46	410	229	W	0	124
327310	Cements	209	209	4	150	127	84	97	11	102
327410	Lime	83	83	W	63	43	36	51	W	53
327420	Gypsum	138	138	W	64	113	111	0	0	35
327993	Mineral Wool	203	203	0	67	150	93	0	12	40
331	Primary Metals	3,196	3,196	10	918	2,698	1,775	22	96	882
331111	Iron and Steel Mills	427	427	W	168	345	186	22	20	165
331112	Electrometallurgical Ferroalloy Products	20	20	0	16	17	9	0	W	13
3312	Steel Products from Purchased Steel	418	418	W	120	319	235	0	W	135
3313	Alumina and Aluminum	388	388	W	125	288	201	0	0	101
331314	Secondary Smelting and Alloying of Aluminum	79	79	W	49	71	50	0	0	26
331315	Aluminum Sheet, Plate and Foils	67	67	0	31	61	41	0	0	23
331316	Aluminum Extruded Products	133	133	0	33	128	95	0	0	42

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3314	Nonferrous Metals, except Aluminum	602	602	W	143	486	341	0	W	145
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminum	82	82	0	31	69	48	0	W	35
3315	Foundries	1,341	1,341	0	346	1,243	802	0	59	323
331511	Iron Foundries	332	332	0	179	313	227	0	59	121
331521	Aluminum Die-Casting Foundries	162	162	0	7	135	112	0	0	37
331524	Aluminum Foundries, except Die-Casting	271	271	0	54	248	150	0	0	32
332	Fabricated Metal Products	32,369	32,369	W	3,644	23,127	16,141	W	0	4,788
333	Machinery	14,370	14,370	W	1,297	10,772	6,081	0	0	2,018
334	Computer and Electronic Products	6,685	6,685	5	509	4,021	1,012	0	0	339
334413	Semiconductors and Related Devices	419	419	W	64	291	66	0	0	60
335	Electrical Equip., Appliances, and Components	3,294	3,294	W	422	2,786	1,140	0	W	360
336	Transportation Equipment	6,270	6,270	16	1,013	4,667	3,503	5	0	1,170
336111	Automobiles	68	68	0	8	44	41	W	0	10
336112	Light Trucks and Utility Vehicles	50	50	0	10	38	9	W	0	9
3364	Aerospace Product and Parts	1,077	1,077	W	136	895	328	W	0	206
336411	Aircraft	278	278	10	64	255	98	0	0	96
337	Furniture and Related Products	8,257	8,187	0	512	5,022	3,502	W	0	398
339	Miscellaneous	13,494	13,491	W	473	9,377	3,536	W	0	916
	<b>Total</b>	<b>170,166</b>	<b>170,061</b>	<b>1,002</b>	<b>24,489</b>	<b>115,991</b>	<b>65,203</b>	<b>868</b>	<b>134</b>	<b>20,312</b>

(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 2010.

(c) 'Electricity' consists of quantities of electricity that were purchased or transferred in, and is equivalent to 'purchased electricity' as defined in the 'Annual Survey of Manufactures.'

(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 all other energy that was purchased or transferred in and not shown elsewhere.

(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 represent the consumption of energy originally produced offsite, acquired as a result of a purchase or transfer and consumed onsite for the production of heat and power. This definition is consistent with the definition of 'purchased' fuels and electric energy used by the Bureau of the Census in the preparation of 'Fuels and Electric Energy Consumed,' of the 'Annual Survey of Manufactures,' for 1974 through 1981.

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.