

**Table 7.8 Number of Establishments by Quantity of Purchased Electricity, Natural Gas, and Steam, 2014;**

Level: National Data;  
 Row: NAICS Codes;  
 Column: Supplier Sources of Purchased Electricity, Natural Gas, and Steam;  
 Unit: Establishment Counts.

NAICS Code(s)	Subsector and industry	Electricity Components				Natural Gas Components				Steam Components			
		Any Electricity(b)	Electricity from Only Local Utility(c)	Electricity from Sources Other than Local Utility(d)	Electricity from Both Local Utility and Other Sources	Any Natural Gas(b)	Natural Gas from Only Local Utility(c)	Natural Gas from Other than Local Utility(d)	Natural Gas from Both Local Utility and Other Sources	Any Steam(b)	Steam from Only Local Utility(c)	Steam from Sources Other than Local Utility(d)	Steam from Both Local Utility and Other Sources
<b>Total United States</b>													
311	Food	13,652	10,639	2,930	82	10,270	6,098	3,895	277	Q	22	Q	0
3112	Grain and Oilseed Milling	600	400	185	15	513	247	236	30	35	9	27	0
311221	Wet Corn Milling	49	30	W	W	44	W	29	W	W	W	W	0
31131	Sugar Manufacturing	71	62	W	W	60	27	34	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	985	816	142	27	794	360	387	47	6	W	W	0
3115	Dairy Product	992	756	224	13	803	331	440	32	W	W	W	0
3116	Animal Slaughtering and Processing	1,603	1,185	403	15	1,349	574	728	47	7	W	W	0
312	Beverage and Tobacco Products	2,411	2,029	331	Q	1,224	870	337	17	Q	0	Q	0
3121	Beverages	2,337	1,975	W	W	1,164	836	314	14	Q	0	Q	0
3122	Tobacco	74	54	W	W	70	34	23	3	0	0	0	0
313	Textile Mills	1,355	938	377	Q	928	748	169	11	W	W	Q	0
314	Textile Product Mills	4,277	3,305	972	0	2,626	1,864	728	34	W	0	W	0
315	Apparel	3,874	3,374	W	W	1,174	Q	W	W	0	0	0	0
316	Leather and Allied Products	466	365	W	W	283	154	113	Q	0	0	0	0
321	Wood Products	8,316	6,653	1,603	60	3,529	2,229	1,221	Q	26	W	W	0
321113	Sawmills	1,609	1,334	256	19	253	130	113	Q	9	W	W	0
3212	Veneer, Plywood, and Engineered Woods	978	798	W	W	499	228	269	10	7	W	W	0
321219	Reconstituted Wood Products	154	90	64	0	129	50	76	3	W	0	W	0
3219	Other Wood Products	5,486	4,350	1,101	Q	2,646	1,796	798	Q	Q	W	W	0
322	Paper	3,219	2,262	943	15	2,762	1,782	838	Q	26	6	21	0
322110	Pulp Mills	28	24	4	0	23	8	15	0	0	0	0	0
322121	Paper Mills, except Newsprint	164	106	53	5	159	66	87	6	10	W	W	0
322122	Newsprint Mills	18	18	0	0	5	5	9	0	W	W	W	0
322130	Paper Mills, except Newsprint	147	108	W	W	139	66	81	11	11	W	W	0
323	Printing and Related Support	14,005	10,999	3,006	0	9,056	6,054	W	W	0	0	0	0
324	Petroleum and Coal Products	1,904	1,369	484	50	1,420	718	644	58	44	W	40	W
324110	Petroleum Refineries	174	128	34	13	168	82	79	6	40	W	36	W
324121	Asphalt Paving Mixture and Block	1,275	928	32	25	875	465	372	38	0	0	0	0
324122	Asphalt Shingle and Coating Materials	158	112	46	0	144	63	74	7	W	0	W	0
324199	Other Petroleum and Coal Products	86	57	W	W	73	34	40	0	W	0	W	0
325	Chemicals	8,525	5,762	2,548	195	6,749	3,628	2,890	230	245	24	221	0
325110	Petrochemicals	44	24	20	0	33	W	28	W	10	0	10	0
325120	Industrial Gases	427	342	85	0	203	134	69	0	6	0	6	0
325180	Other Basic Inorganic Chemicals	508	370	124	Q	402	194	196	12	19	0	19	0
325193	Ethyl Alcohol	211	181	W	W	200	52	134	Q	5	W	W	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	69	53	16	0	44	W	17	W	3	0	3	0
325199	Other Basic Organic Chemicals	518	295	197	25	457	162	282	13	66	7	60	0
325211	Plastics Materials and Resins	841	494	322	26	687	344	302	Q	29	6	22	0
325212	Synthetic Rubber	85	67	W	W	73	W	24	W	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	89	62	W	W	73	W	16	W	W	0	W	0
325311	Nitrogenous Fertilizers	133	89	W	W	120	W	25	W	W	0	W	0
325312	Phosphatic Fertilizers	57	45	W	W	34	W	19	W	0	0	0	0
3254	Pharmaceuticals and Medicines	1,199	874	296	28	952	563	338	51	7	W	W	0
325412	Pharmaceutical Preparation	601	381	202	18	516	260	227	29	W	W	W	0
325992	Photographic Film, Paper, Plate, and Chemicals	121	97	W	W	106	W	40	W	W	0	W	0
326	Plastics and Rubber Products	6,217	4,642	1,566	6	3,577	3,931	2,644	Q	W	0	W	0
327	Nonmetallic Mineral Products	12,174	10,087	2,053	34	7,450	4,831	2,480	138	W	0	W	0
327120	Clay Building Material and Refractories	446	342	93	12	407	124	235	48	0	0	0	0
327211	Flat Glass	50	25	W	W	47	W	34	W	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	194	153	W	W	174	W	52	W	0	0	0	0
327213	Glass Containers	59	31	28	0	59	6	53	0	0	0	0	0
327215	Glass Products from Purchased Glass	683	493	W	W	513	W	148	W	0	0	0	0
327310	Cements	189	157	W	W	81	W	44	W	0	0	0	0
327410	Lime	83	63	20	0	45	29	17	0	0	0	0	0
327420	Gypsum	122	90	W	W	72	W	42	W	0	0	0	0
327993	Mineral Wool	186	148	W	W	139	W	40	W	W	0	W	0
331	Primary Metals	3,129	2,129	878	122	2,723	1,102	1,427	195	17	6	11	0
331110	Iron and Steel Mills and Ferroalloys	345	244	95	6	314	125	172	17	W	6	W	0
3312	Steel Products from Purchased Steel	470	333	111	26	348	153	156	40	W	0	W	0
3313	Alumina and Aluminum	374	283	85	6	357	155	182	20	W	0	W	0
331314	Secondary Smelting and Alloying of Aluminum	96	65	31	0	85	W	49	W	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	57	42	W	W	55	W	37	W	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	182	151	W	W	181	94	77	9	0	0	0	0
3314	Nonferrous Metals, except Aluminum	662	447	182	33	517	232	256	30	W	0	W	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	108	84	18	5	96	W	62	W	W	0	W	0
3315	Foundries	1,278	822	406	50	1,187	438	662	88	0	0	0	0
331511	Iron Foundries	320	185	111	Q	305	87	195	22	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	254	188	W	W	230	112	103	15	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	268	184	71	13	246	100	128	18	0	0	0	0
332	Fabricated Metal Products	36,439	28,079	7,649	711	24,831	14,612	W	W	0	0	0	0
333	Machinery	15,307	11,972	3,197	Q	11,626	7,194	4,277	Q	W	0	W	0
334	Computer and Electronic Products	6,831	5,159	1,662	10	4,591	3,183	1,351	Q	W	0	W	0
334413	Semiconductors and Related Devices	388	305	W	W	293	145	107	Q	W	0	W	0
335	Electrical Equip., Appliances, and Components	3,298	2,374	W	W	2,332	1,510	666	Q	Q	0	Q	0
336	Transportation Equipment	6,603	5,488	967	Q	5,393	2,644	2,418	Q	W	3	W	0
336111	Automobiles	44	35	W	W	43	23	20	0	W	W	W	0
336112	Light Trucks and Utility Vehicles	37	32	5	0	33	15	18	0	0	0	0	0
3364	Aerospace Product and Parts	1,063	838	184	42	839	529	280	30	W	W	0	0
336411	Aircraft	293	215	74	4	247	112	129	6	0	0	0	0
337	Furniture and Related Products	7,913	6,087	W	W	4,511	3,185	1,220	Q	0	0	0	0
339	Miscellaneous	12,906	10,095	2,811	0	8,289	5,774	2,496	Q	W	0	W	0
	<b>Total</b>	<b>374,820</b>	<b>155,636</b>	<b>37,198</b>	<b>1,986</b>	<b>117,842</b>	<b>72,892</b>	<b>42,836</b>	<b>2,115</b>	<b>604</b>	<b>W</b>	<b>526</b>	<b>W</b>

(a) The Bureau of the Census classifies establishments using the 2012 North American Industry Classification System (NAICS).  
 (b) Any Energy Source (that is, electricity, natural gas, steam) represents the non-duplicative total of establishments identified with this particular energy source. This count includes only those establishments that reported this activity in 2014.  
 (c) A Local Utility is an entity that produces and/or delivers a particular energy source (for example, electricity, natural gas, steam) and is legally obligated to provide service to the general public within its franchise area.  
 (d) Sources Other than Local Utility include independent producers, brokers, marketers, and marketing subsidiaries of utilities; for the case of electricity sources, also include small power producers and cogenerators not located at the establishment site.  
 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. Purchased energy sources exclude quantities delivered from any other establishment(s) in the company, quantities transferred from other establishments of the company for which payment was not made, quantities purchased centrally within the company but separate from the reporting establishment, and quantities for which payment was made in-kind.  
 Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, "2014 Manufacturing Energy Consumption Survey."

**RSE Table 7.8 Relative Standard Errors for Table 7.8;**

Unit: Percents.

NAICS Code(s)	Subsector and Industry	Electricity Components					Natural Gas Components				Steam Components		
		Any Electricity(b)	Electricity from Only Local Utility(c)	Electricity from Only Sources Other than Local Utility(d)	Electricity from Both Local Utility and Other Sources	Any Natural Gas(b)	Natural Gas from Only Local Utility(c)	Natural Gas from Only Sources Other than Local Utility(d)	Natural Gas from Both Local Utility and Other Sources	Any Steam(b)	Steam from Only Local Utility(c)	Steam from Only Sources Other than Local Utility(d)	Steam from Both Local Utility and Other Sources
<b>Total United States</b>													
311	Food	0.2	3.1	11.3	17.6	3.7	6.8	8.6	19.9	54.3	23.2	63.8	X
3112	Grain and Oilseed Milling	0.1	7.6	16.4	19.7	4.2	13.8	11.7	24.0	36.3	5.1	48.0	X
311223	Wet Corn Milling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
31131	Sugar Manufacturing	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	0.1	3.3	17.4	40.0	6.7	14.9	12.5	25.0	25.9	9.2	32.3	X
3115	Dairy Product	0.1	4.9	16.6	29.8	4.9	13.6	10.2	20.0	50.6	73.5	7.1	X
3116	Animal Slaughtering and Processing	0.1	5.7	16.7	26.7	4.0	12.0	9.4	33.9	36.0	35.6	69.7	X
312	Beverage and Tobacco Products	1.3	3.6	19.2	52.0	9.0	11.8	17.7	9.5	50.4	X	50.4	X
3121	Beverages	1.3	3.7	20.2	54.7	9.4	12.2	19.0	11.8	50.4	X	50.4	X
3122	Tobacco	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	X	X	X
313	Textile Mills	0.1	8.4	20.2	89.7	8.7	11.4	33.0	45.2	86.3	9.9	88.9	X
314	Textile Product Mills	0.1	11.4	38.8	X	16.9	23.5	46.3	11.3	60.0	X	60.0	X
315	Apparel	0.1	6.4	44.3	96.3	41.4	54.9	79.4	80.6	X	X	X	X
316	Leather and Allied Products	0.1	6.4	23.6	78.8	13.3	27.3	22.5	63.0	X	X	X	X
321	Wood Products	0.9	3.4	13.8	36.1	7.6	11.3	14.7	52.1	23.3	71.8	12.3	X
32113	Sawmills	0.4	3.3	17.1	49.3	10.2	14.4	13.4	60.3	5.5	5.5	5.5	X
3212	Veneer, Plywood, and Engineered Woods	0.1	4.7	19.0	51.7	10.6	15.4	20.3	26.6	10.7	X	10.7	X
321219	Reconstituted Wood Products	0.1	17.6	25.0	X	6.2	21.5	21.4	17.7	17.7	X	17.7	X
3219	Other Wood Products	1.3	5.0	19.2	56.6	9.9	13.8	21.3	77.2	56.0	88.4	47.4	X
322	Paper	0.1	8.1	19.5	19.4	5.5	11.1	18.1	57.5	1.1	0.1	1.4	X
32210	Pulp Mills	0.0	0.0	0.0	X	0.0	0.0	0.0	X	X	X	X	X
322121	Paper Mills, except Newsprint	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X
32222	Newsprint Mills	0.0	0.0	X	X	0.0	0.0	0.0	X	0.0	0.0	0.0	X
32230	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
323	Printing and Related Support	0.1	3.9	14.3	X	5.6	8.7	14.3	71.8	X	X	X	X
324	Petroleum and Coal Products	0.3	2.9	7.4	21.2	2.4	7.6	7.6	15.4	33.4	36.2	33.1	36.2
32410	Petroleum Refineries	0.1	13.1	36.2	36.2	1.4	40.1	36.2	36.2	36.2	36.2	36.2	36.2
32421	Asphalt Paving Mixture and Block	0.3	2.9	8.1	30.2	3.2	7.2	6.6	21.2	X	X	X	X
32422	Asphalt Shingle and Coating Materials	1.8	4.9	11.8	X	3.6	9.1	7.5	35.7	4.0	X	4.0	X
32499	Other Petroleum and Coal Products	0.0	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
325	Chemicals	0.1	4.6	10.3	39.4	3.5	4.8	7.8	19.8	31.0	7.0	24.4	X
32510	Petrochemicals	0.1	22.9	26.6	X	26.6	26.6	26.6	26.6	26.6	X	26.6	X
325120	Industrial Gases	0.1	5.8	23.6	X	18.0	31.3	23.6	X	16.4	X	16.4	X
325180	Other Basic Inorganic Chemicals	0.2	8.5	24.4	53.3	8.9	20.8	19.5	30.9	43.7	X	43.7	X
325193	Ethyl Alcohol	0.1	1.6	9.8	7.3	1.0	21.1	8.2	59.3	9.2	10.0	7.3	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	X	0.0	X
325199	Other Basic Organic Chemicals	0.1	12.6	18.4	30.5	6.3	22.3	13.6	30.5	16.8	19.4	17.4	X
325211	Plastics Materials and Resins	0.1	9.3	14.3	31.7	5.6	13.5	11.8	50.3	11.5	8.1	13.1	X
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X
325311	Nitrogenous Fertilizers	0.1	41.4	91.7	81.4	2.6	11.5	22.9	66.5	22.9	X	22.9	X
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
3254	Pharmaceuticals and Medicines	0.1	5.8	16.9	28.3	6.7	12.9	16.9	16.5	15.7	30.7	11.9	X
325412	Pharmaceutical Preparation	0.1	11.8	22.5	21.1	5.7	17.4	20.0	21.3	23.1	30.7	13.9	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.1	8.8	37.0	25.5	6.3	30.4	38.4	25.5	25.5	X	25.5	X
326	Plastics and Rubber Products	0.1	4.4	17.3	56.5	4.8	9.0	14.3	54.0	78.3	78.3	X	X
327	Nonmetallic Mineral Products	0.1	3.4	16.0	26.2	6.3	9.6	11.9	44.6	78.1	X	78.1	X
32710	Clay Building Material and Refractories	0.1	3.4	11.7	8.3	2.3	14.4	9.5	20.1	X	X	X	X
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.1	7.4	28.0	21.2	5.3	16.1	32.4	21.2	X	X	X	X
327213	Glass Containers	0.0	0.0	0.0	X	0.0	0.0	0.0	X	X	X	X	X
327215	Glass Products from Purchased Glass	0.1	7.6	19.9	10.6	8.0	12.5	20.7	67.4	X	X	X	X
32730	Cements	0.1	6.7	32.8	31.9	32.2	32.7	32.0	31.9	X	X	X	X
32740	Lime	0.0	0.0	0.0	X	0.0	0.0	0.0	X	X	X	X	X
327420	Gypsum	0.1	8.3	25.1	17.3	17.6	17.3	17.8	17.3	X	X	X	X
327993	Mineral Wool	0.1	7.5	29.4	24.9	14.6	28.8	27.3	24.9	24.9	X	24.9	X
331	Primary Metals	0.2	3.4	8.2	20.0	2.0	3.6	4.9	13.1	29.0	3.3	44.7	X
33110	Iron and Steel Mills and Ferroalloys	0.1	1.4	3.3	3.3	0.3	3.3	3.3	3.3	3.3	3.3	3.3	X
3312	Steel Products from Purchased Steel	0.1	8.5	24.4	46.5	10.9	16.9	18.1	39.4	89.0	X	89.0	X
3313	Alumina and Aluminum	2.0	2.9	5.7	8.3	0.3	7.3	5.8	4.9	0.0	X	0.0	X
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	0.1	X	0.1	0.1	0.1	0.1	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.1	8.0	21.4	21.4	0.7	21.4	11.7	21.4	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	4.1	5.0	13.6	10.0	0.6	11.4	12.4	10.0	X	X	X	X
3314	Nonferrous Metals, except Aluminum	0.1	7.6	17.5	41.4	6.7	17.7	13.0	44.7	37.4	X	37.4	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.1	10.7	37.4	37.4	4.8	37.4	27.6	37.4	37.4	X	37.4	X
3315	Foundries	0.1	7.0	14.4	31.8	1.4	12.2	8.1	17.2	X	X	X	X
331511	Iron Foundries	0.1	18.7	31.9	58.5	1.5	23.8	13.8	28.7	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	0.1	6.5	19.3	9.6	2.3	14.8	14.6	13.6	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	0.1	6.8	17.1	43.1	1.4	13.6	10.1	30.8	X	X	X	X
332	Fabricated Metal Products	0.1	3.5	12.6	44.2	4.5	8.0	10.5	70.7	X	X	X	X
333	Machinery	0.1	3.4	12.7	60.9	3.8	7.1	10.7	55.9	56.5	X	56.5	X
334	Computer and Electronic Products	0.1	5.6	17.4	18.7	7.1	10.8	19.8	66.5	20.1	X	20.1	X
334413	Semiconductors and Related Devices	0.1	8.0	31.5	21.5	10.9	33.3	24.8	89.7	20.1	X	20.1	X
335	Electrical Equip., Appliances, and Components	0.1	8.4	23.4	74.9	8.8	14.5	24.6	64.4	53.6	X	53.6	X
336	Transportation Equipment	0.1	4.5	23.7	66.8	5.6	12.3	13.4	58.7	52.1	4.6	74.4	X
336111	Automobiles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	0.0	0.0	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0	X	0.0	0.0	0.0	X	X	X	X	X
3364	Aerospace Product and Parts	0.1	6.1	27.1	36.1	6.8	13.5	19.8	26.1	11.9	11.9	X	X
336411	Aircraft	0.1	16.6	48.1	25.8	13.6	40.9	35.3	25.8	X	X	X	X
337	Furniture and Related Products	0.1	5.2	17.6	96.3	8.6	11.9	22.1	58.3	X	X	X	X
339	Miscellaneous	0.7	4.4	15.4	X	6.2	9.1	16.6	52.1	90.4	X	90.4	X
	Total	0.1	1.2	4.2	18.9	1.6	2.6	3.8	11.4	19.6	10.9	22.4	36.2

(a) The Bureau of the Census classifies establishments using the 2012 North American Industry Classification System (NAICS).  
 (b) 'Any Energy Source' (that is, electricity, natural gas, steam) represents the non-duplicative total of establishments identified with this particular energy source. This count includes only those establishments that reported this activity in 2014.  
 (c) A 'Local Utility' is an entity that produces and/or delivers a particular energy source (for example, electricity, natural gas, steam) and is legally obligated to provide service to the general public within its franchise area.  
 (d) 'Sources Other than Local Utility' include independent producers, brokers, marketers, and marketing subsidiaries of utilities; for the case of electricity sources, also include small power producers and cogenerators not located at the establishment site.  
 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.  
 X=Not defined because RSE corresponds to a value of zero.  
 --Estimation is not applicable. Energy source is not included in series.

Notes: Totals may not equal sum of components because of independent rounding. Purchased energy sources exclude quantities delivered from any other establishment(s) in the company, quantities transferred from other establishments of the company for which payment was not made, quantities purchased centrally within the company but separate from the reporting establishment, and quantities for which payment was made in-kind.  
 Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EA-846, '2014 Manufacturing Energy Consumption Survey.'