

Released: December 2025  
Next MECS will be fielded in 2027

**Table 7.8 Number of establishments by quantity of purchased electricity, natural gas, and steam, 2022**

Level: National data

Row: NAICS codes

Column: Supplier sources of purchased electricity, natural gas, and steam

Unit: Establishment counts

		Electricity components				Natural gas components				Steam components			
NAICS code <sup>a</sup>	Subsector and industry	Any electricity <sup>b</sup>	Electricity from only local utility <sup>c</sup>	Electricity from only sources other than local utility <sup>c</sup>	Electricity from both local utility and other sources	Any natural gas <sup>b</sup>	Natural gas from only local utility <sup>c</sup>	Natural gas from only sources other than local utility <sup>c</sup>	Natural gas from both local utility and other sources	Any steam <sup>b</sup>	Steam from only local utility <sup>c</sup>	Steam from only sources other than local utility <sup>c</sup>	Steam from both local utility and other sources
Total United States													
311	Food	18,248	13,237	4,924	Q	14,536	9,218	5,201	117	48	11	38	0
3112	Grain and Oilseed Milling	659	402	251	6	569	255	312	3	14	3	11	0
311221	Wet Corn Milling and Starch Manufacturing	55	26	29	0	48	20	28	0	D	D	D	0
31131	Sugar Manufacturing	64	33	31	0	58	25	33	0	3	0	3	0
3114	Fruit and Vegetable Preserving and Specialty Food	1,076	721	354	0	981	397	573	12	D	D	3	0
3115	Dairy Product Manufacturing	1,087	711	373	4	955	426	523	5	Q	4	Q	0
3116	Animal Slaughtering and Processing	2,022	1,309	697	Q	1,533	902	621	10	D	D	0	0
312	Beverage and Tobacco Products	5,990	4,715	1,270	4	3,246	2,318	D	D	Q	Q	0	0
3121	Beverages	5,906	4,660	D	D	3,189	2,283	906	0	Q	Q	0	0
3122	Tobacco	84	55	D	D	56	35	D	D	0	0	0	0
313	Textile Mills	1,089	706	384	0	641	308	D	D	3	0	3	0
314	Textile Product Mills	3,638	2,890	Q	0	1,929	1,586	Q	0	0	0	0	0
315	Apparel	3,236	2,826	410	0	765	Q	Q	0	0	0	0	0
316	Leather and Allied Products	636	446	190	0	224	177	47	0	0	0	0	0
321	Wood Products	9,637	5,371	D	D	4,766	2,971	1,785	10	D	D	5	0
321113	Sawmills	1,925	1,048	D	D	380	190	D	0	5	0	5	0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	1,122	617	501	Q	651	353	294	4	D	D	0	0
321219	Reconstituted Wood Products	119	58	61	0	80	22	58	0	D	D	0	0
3219	Other Wood Products	6,313	3,541	2,772	0	3,617	2,355	1,261	0	0	0	0	0
322	Paper	3,057	1,370	1,659	Q	2,693	1,287	1,375	Q	11	3	8	0
322110	Pulp Mills	33	19	14	0	31	10	21	0	0	0	0	0
322120	Paper Mills	138	51	83	3	128	39	89	0	5	D	D	0
322130	Paperboard Mills	164	102	58	4	153	49	100	3	6	D	D	0
323	Printing and Related Support	12,389	8,217	4,065	Q	7,195	5,039	2,156	0	0	0	0	0
324	Petroleum and Coal Products	1,808	1,001	795	12	1,330	525	799	6	D	D	46	D
324110	Petroleum Refineries	130	64	58	8	129	D	91	D	43	D	D	D
324121	Asphalt Paving Mixture and Block	1,273	724	D	D	873	D	517	0	D	0	D	0
324122	Asphalt Shingle and Coating Materials	142	82	D	D	139	55	84	0	0	0	0	0
324191	Petroleum Lubricating Oil and Grease Manufacturing	213	107	106	0	144	67	77	0	D	0	D	0
324199	All Other Petroleum and Coal Products Manufacturing	50	23	27	0	45	15	30	0	0	0	0	0
325	Chemicals	10,040	5,393	4,615	32	7,982	4,704	3,230	49	254	47	207	0
325110	Petrochemicals	60	21	39	0	31	D	D	0	12	0	12	0
325120	Industrial Gases	611	D	355	D	224	26	198	0	3	0	3	0
325180	Other Basic Inorganic Chemical Manufacturing	586	D	257	D	437	163	260	13	29	5	24	0
325193	Ethyl Alcohol	207	77	130	0	203	29	174	0	13	4	9	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	61	46	14	0	46	27	19	0	5	0	5	0
325199	All Other Basic Organic Chemical Manufacturing	590	276	312	3	544	223	321	0	62	13	49	0
325211	Plastics Materials and Resins	1,037	457	571	9	927	505	412	10	58	12	45	0
325212	Synthetic Rubber	98	35	63	0	91	Q	36	0	7	D	D	0
325220	Artificial and Synthetic Fibers and Filaments	88	48	40	0	77	D	36	D	0	0	0	0
325311	Nitrogenous Fertilizers	160	123	37	0	95	57	39	0	9	3	6	0
325312	Phosphatic Fertilizers	79	59	20	0	31	18	13	0	0	0	0	0
3254	Pharmaceuticals and Medicines	1,471	881	579	11	1,216	748	451	17	Q	4	Q	0
325412	Pharmaceutical Preparation	687	412	271	5	589	331	252	6	D	4	D	0
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	69	48	18	3	51	28	D	D	4	0	4	0
326	Plastics and Rubber Products	8,490	5,592	D	D	5,476	3,332	2,124	Q	Q	Q	0	0
327	Nonmetallic Mineral Products	12,284	7,303	4,976	5	6,187	4,414	1,744	Q	3	3	0	0
327120	Clay Building Material and Refractories	364	202	D	D	313	127	183	3	0	0	0	0
327211	Flat Glass	93	47	46	0	76	37	39	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	156	108	48	0	132	90	38	Q	0	0	0	0
327213	Glass Containers	54	35	19	0	53	D	26	D	0	0	0	0
327215	Glass Products from Purchased Glass	597	456	141	0	444	334	110	0	0	0	0	0
327310	Cements	159	97	62	0	94	D	48	D	0	0	0	0
327410	Lime	95	60	35	0	59	D	33	D	0	0	0	0
327420	Gypsum	126	83	43	0	123	55	68	0	D	D	0	0
327993	Mineral Wool	184	82	D	D	149	Q	64	0	D	D	0	0
331	Primary Metals	2,671	1,558	1,092	21	2,484	1,096	1,329	59	6	0	6	0
331110	Iron and Steel Mills and Ferroalloys	162	75	D	D	152	D	107	D	D	0	D	0

3312	Steel Products from Purchased Steel	564	287	271	6	512	D	288	D	D	0	D	0
3313	Alumina and Aluminum Production and Processing	351	205	D	D	336	137	196	3	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	88	48	40	0	90	25	65	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	67	25	42	0	66	D	D	D	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	182	129	D	D	173	D	93	D	0	0	0	0
3314	Nonferrous Metal (except Aluminum) Production and Processing	517	374	140	3	474	262	208	4	0	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	74	55	D	D	66	41	25	0	0	0	0	0
3315	Foundries	1,077	618	451	8	1,009	443	530	36	0	0	0	0
331511	Iron Foundries	258	153	102	3	236	D	122	D	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	217	123	94	0	209	76	110	23	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	247	151	D	D	225	87	138	0	0	0	0	0
332	Fabricated Metal Products	38,096	27,080	11,016	0	21,681	14,946	6,549	Q	0	0	0	0
333	Machinery	14,061	9,267	4,783	Q	8,952	5,568	3,352	Q	0	0	0	0
334	Computer and Electronic Products	6,625	4,898	1,700	27	4,149	3,120	1,021	9	0	0	0	0
334413	Semiconductors and Related Devices	375	239	113	23	241	121	111	9	0	0	0	0
335	Electrical Equipment, Appliances, and Components	3,301	1,642	1,659	0	2,023	1,232	774	Q	0	0	0	0
336	Transportation Equipment	7,600	4,244	D	D	5,026	3,132	1,885	9	Q	Q	0	0
336110	Automobile and Light Duty Motor Vehicle Manufacturing	210	169	D	D	165	D	38	D	D	D	0	0
3364	Aerospace Product and Parts	1,227	841	382	4	858	608	245	5	0	0	0	0
336411	Aircraft	286	162	D	D	D	Q	22	D	0	0	Q	0
337	Furniture and Related Products	8,170	5,232	D	D	5,003	3,802	1,196	Q	Q	0	Q	0
339	Miscellaneous	12,966	9,715	3,217	Q	6,106	4,280	1,821	Q	0	0	0	0
	Total	184,031	122,704	60,931	397	112,394	73,498	38,303	593	D	D	319	D

Data source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, 2022 *Manufacturing Energy Consumption Survey*

Note: 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.

<sup>a</sup> The Bureau of the Census classifies establishments using the 2022 North American Industry Classification System (NAICS).

<sup>b</sup> 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 2022.

<sup>c</sup> 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 public within its franchise area.

<sup>d</sup> 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.

<sup>e</sup> Estimate less than 0.5

D=Withheld to avoid disclosing data for individual establishments

Q=Withheld because relative standard error (RSE) is greater than 50%

NA=Not available

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure protection of the confidential source data (Project No. 7504703, Disclosure Review Board (DRB) approval number: CBDRB-FY25-0054).

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RSE Table 7.8 Relative standard errors for Table 7.8

Unit: Percentage

NAICS code <sup>a</sup>	Subsector and industry	Electricity components				Natural gas components					Steam components				
		Any electricity <sup>b</sup>	Electricity from only local utility <sup>c</sup>	Electricity from only sources other than local utility <sup>d</sup>	Electricity from both local utility and other sources	Any natural gas <sup>b</sup>	Natural gas from only local utility <sup>c</sup>	Natural gas from only sources other than local utility <sup>d</sup>	Natural gas from both local utility and other sources	Any steam <sup>b</sup>	Steam from only local utility <sup>c</sup>	Steam from only sources other than local utility <sup>d</sup>	Steam from both local utility and other sources		
Total United States															
311	Food	5.1	6.8	10.8	50.8	6.0	8.7	10.1	47.1	26.3	16.2	33.5	X		
3112	Grain and Oilseed Milling	7.7	9.0	17.1	24.6	9.0	13.1	14.3	0.0	0.0	0.0	0.0	X		
311221	Wet Corn Milling and Starch Manufacturing	0.0	0.0	0.0	X	0.0	0.0	0.0	X	D	D	D	X		
31131	Sugar Manufacturing	0.0	0.0	0.0	X	0.0	0.0	0.0	X	0.0	X	0.0	X		
3114	Fruit and Vegetable Preserving and Specialty Food	13.0	16.7	22.1	X	13.0	21.5	19.1	26.5	D	D	26.0	X		
3115	Dairy Product Manufacturing	11.7	13.3	24.0	0.0	10.0	12.8	16.1	24.7	60.0	41.5	81.5	X		
3116	Animal Slaughtering and Processing	7.3	9.8	14.5	77.4	7.9	11.9	11.8	46.2	D	D	X	X		
312	Beverage and Tobacco Products	6.2	7.3	15.1	0.0	9.2	11.4	D	D	52.7	52.7	X	X		
3121	Beverages	6.2	7.4	D	D	9.3	11.5	17.5	X	52.7	52.7	X	X		
3122	Tobacco	0.0	0.0	D	D	0.0	0.0	D	D	X	X	X	X		
313	Textile Mills	16.6	23.4	22.4	X	16.4	24.0	D	D	0.0	X	0.0	X		
314	Textile Product Mills	20.9	23.7	55.3	X	31.6	35.9	72.1	X	X	X	X	X		
315	Apparel	18.3	20.2	47.0	X	39.1	53.1	58.6	X	X	X	X	X		
316	Leather and Allied Products	23.0	30.5	35.2	X	30.0	37.4	29.1	X	X	X	X	X		
321	Wood Products	5.8	8.2	D	D	9.1	11.6	16.5	0.0	D	D	0.0	X		
321113	Sawmills	7.5	10.2	D	D	11.2	11.0	D	D	0.0	X	0.0	X		
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	9.7	14.5	16.0	64.7	12.8	17.8	20.3	0.0	D	D	X	X		
321219	Reconstituted Wood Products	18.2	7.9	34.9	X	8.3	14.0	11.5	X	D	D	X	X		
3219	Other Wood Products	8.5	11.9	14.6	X	11.7	14.3	22.7	X	X	X	X	X		
322	Paper	10.3	15.6	16.8	67.8	10.9	19.7	14.9	88.0	0.0	0.0	0.0	X		
322110	Pulp Mills	0.0	0.0	0.0	X	0.0	0.0	0.0	X	X	X	X	X		
322120	Paper Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	D	D	X		
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	D	D	X		
323	Printing and Related Support	7.1	9.8	14.5	99.0	10.3	13.0	19.9	X	X	X	X	X		
324	Petroleum and Coal Products	2.7	3.9	5.0	0.0	3.2	5.3	4.6	11.6	D	D	0.0	D		
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	D	0.0	D	0.0	D	D	D		
324121	Asphalt Paving Mixture and Block	3.4	5.1	D	D	4.0	D	5.8	D	D	X	D	X		
324122	Asphalt Shingle and Coating Materials	13.0	11.9	D	D	13.3	17.6	19.2	X	X	X	X	X		
324191	Petroleum Lubricating Oil and Grease Manufacturing	7.5	8.4	15.3	X	11.1	13.3	19.4	X	D	X	D	X		
324199	All Other Petroleum and Coal Products Manufacturing	0.0	0.0	0.0	X	0.0	0.0	0.0	X	X	X	X	X		
325	Chemicals	5.7	8.4	9.7	11.9	6.7	10.3	9.3	18.3	11.2	14.3	13.4	X		
325110	Petrochemicals	0.0	0.0	0.0	X	0.0	D	D	X	0.0	X	0.0	X		
325120	Industrial Gases	20.7	D	29.0	D	43.6	21.7	49.2	X	17.2	X	17.2	X		
325180	Other Basic Inorganic Chemical Manufacturing	22.9	D	25.5	D	17.2	31.0	24.1	41.3	15.6	16.3	18.5	X		
325193	Ethyl Alcohol	3.9	5.5	6.6	X	4.0	9.7	4.9	X	17.6	0.0	25.0	X		
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	X	0.0	0.0	0.0	X	0.0	X	0.0	X		
325199	All Other Basic Organic Chemical Manufacturing	13.8	20.6	20.1	0.0	15.0	25.0	19.6	X	8.5	26.2	8.6	X		
325211	Plastics Materials and Resins	16.7	25.0	23.7	0.0	18.3	30.4	18.9	39.1	21.4	42.4	25.2	X		
325212	Synthetic Rubber	29.8	0.0	46.2	X	32.0	52.6	0.0	X	0.0	D	D	X		
325220	Artificial and Synthetic Fibers and Filaments	6.6	12.2	0.0	X	7.6	D	16.4	D	X	X	X	X		
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	X	0.0	0.0	0.0	X	0.0	0.0	0.0	X		
325312	Phosphatic Fertilizers	0.0	0.0	0.0	X	0.0	0.0	0.0	X	X	X	X	X		
3254	Pharmaceuticals and Medicines	10.4	11.9	21.3	19.8	10.5	14.5	17.1	33.7	69.5	39.6	78.0	X		
325412	Pharmaceutical Preparation	14.6	16.3	30.0	0.0	16.9	25.7	22.4	9.8	D	39.6	D	X		
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	D	D	0.0	X	0.0	X		
326	Plastics and Rubber Products	6.0	8.7	D	D	8.6	11.9	15.9	65.8	78.2	78.2	X	X		
327	Nonmetallic Mineral Products	6.9	9.7	12.7	0.0	10.4	13.2	18.5	55.2	0.0	0.0	X	X		
327120	Clay Building Material and Refractories	12.5	17.5	D	D	11.3	26.6	9.6	0.0	X	X	X	X		
327211	Flat Glass	4.1	3.3	7.7	X	4.6	8.9	3.0	X	X	X	X	X		
327212	Other Pressed and Blown Glass and Glassware	23.7	31.7	32.6	X	26.1	38.8	21.5	82.0	X	X	X	X		
327213	Glass Containers	1.0	0.0	2.9	X	1.0	D	0.0	D	X	X	X	X		
327215	Glass Products from Purchased Glass	10.7	14.1	13.5	X	12.8	16.5	16.4	X	X	X	X	X		
327310	Cements	18.3	28.3	18.9	X	10.6	D	2.0	D	X	X	X	X		
327410	Lime	0.0	0.0	0.0	X	0.0	D	0.0	D	X	X	X	X		
327420	Gypsum	10.4	16.4	4.3	X	10.7	22.6	6.6	X	D	D	X	X		
327993	Mineral Wool	25.8	30.6	D	D	29.5	54.3	33.8	X	D	D	X	X		
331	Primary Metals	3.0	4.4	5.3	8.1	3.2	6.8	3.6	20.8	0.0	X	0.0	X		
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	D	D	0.0	D	0.0	D	D	X	D	X		
3312	Steel Products from Purchased Steel	6.8	10.0	12.5	27.0	7.4	D	11.2	D	D	X	D	X		
3313	Alumina and Aluminum Production and Processing	5.4	5.0	D	D	5.6	13.8	1.9	0.0	X	X	X	X		
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	X	0.0	0.0	0.0	X	X	X	X	X		
331315	Aluminum Sheet, Plate and Foils	23.5	0.0	37.5	X	23.9	D	D	D	X	X	X	X		
331318	Other Aluminum Rolling, Drawing and Extruding	5.7	7.9	D	D	6.1	D	4.0	D	X	X	X	X		
3314	Nonferrous Metal (except Aluminum) Production and Processing	9.1	12.7	9.1	0.0	9.9	17.6	10.4	35.3	X	X	X	X		
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	19.7	26.7	D	D	22.0	35.7	2.6	X	X	X	X	X		
3315	Foundries	4.8	6.1	9.6	0.0	5.1	10.8	5.5	32.4	X	X	X	X		
331511	Iron Foundries	9.2	13.1	16.4	0.0	9.9	D	13.9	D	X	X	X	X		

331523	Nonferrous Metal Die-Casting Foundries	5.7	8.1	9.1	X	6.0	9.4	6.2	40.6	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	7.8	12.0	D	D	8.1	14.9	12.4	X	X	X	X	X
332	Fabricated Metal Products	4.2	5.7	10.4	X	6.7	8.7	13.7	72.1	X	X	X	X
333	Machinery	5.7	8.0	11.6	91.9	7.8	10.9	13.7	53.2	X	X	X	X
334	Computer and Electronic Products	8.1	10.4	19.0	13.5	11.3	13.8	24.5	0.0	X	X	X	X
334413	Semiconductors and Related Devices	16.2	23.6	31.4	10.9	19.4	39.0	12.9	0.0	X	X	X	X
335	Electrical Equipment, Appliances, and Components	12.8	19.8	20.0	X	17.1	24.6	25.7	93.9	X	X	X	X
336	Transportation Equipment	7.9	11.5	D	D	10.4	14.1	18.0	14.0	69.6	69.6	X	X
336110	Automobile and Light Duty Motor Vehicle Manufacturing	31.1	38.5	D	D	40.3	D	7.1	D	D	D	X	X
3364	Aerospace Product and Parts	12.4	14.0	27.5	0.0	14.8	20.6	12.9	23.2	X	X	X	X
336411	Aircraft	42.6	46.7	D	D	D	66.5	13.8	D	X	X	X	X
337	Furniture and Related Products	8.1	11.2	D	D	11.4	13.4	26.2	81.1	85.7	X	85.7	X
339	Miscellaneous	6.8	8.5	15.2	84.9	11.1	13.8	21.1	81.3	X	X	X	X
Total		1.6	2.3	3.4	30.5	2.3	3.2	4.1	25.6	D	D	9.7	D

Data source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, 2022 *Manufacturing Energy Consumption Survey*

Note: 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.

<sup>a</sup> The Bureau of the Census classifies establishments using the 2022 North American Industry Classification System (NAICS).

<sup>b</sup> 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 2022.

<sup>c</sup> 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 public within its franchise area.

<sup>d</sup> *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.

\* Estimate less than 0.5

D=Withheld to avoid disclosing data for individual establishments

Q=Withheld because relative standard error (RSE) is greater than 50%

NA=Not available

X=Not defined because RSE corresponds to a data table value of zero

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure protection of the confidential source data (Project No. 7504703, Disclosure Review Board (DRB) approval number: CDBDRB-FY25-0054).