

Table 8.10 Number of establishments by submetering capability, 2022

Level: National data
Row: NAICS codes
Column: Participation and submetering capability
Unit: Establishment counts

NAICS code ^a	Subsector and industry	Participation in submetering					
		No participation	Participation ^b	Electric	Natural gas	Other	Don't know
Total United States							
311	Food	16,170	2,209	1,556	1,210	293	Q
3112	Grain and Oilseed Milling	448	213	173	156	35	Q
311221	Wet Corn Milling and Starch Manufacturing	13	42	35	31	12	0
31131	Sugar Manufacturing	56	8	7	7	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	937	172	149	105	17	0
3115	Dairy Product Manufacturing	877	210	161	121	25	D
3116	Animal Slaughtering and Processing	1,685	337	226	183	93	0
312	Beverage and Tobacco Products	5,319	671	591	254	Q	0
3121	Beverages	5,248	658	586	241	D	0
3122	Tobacco	71	13	5	13	D	0
313	Textile Mills	1,005	91	76	32	5	0
314	Textile Product Mills	3,182	Q	Q	Q	D	0
315	Apparel	2,826	Q	Q	Q	0	0
316	Leather and Allied Products	624	12	12	5	5	0
321	Wood Products	9,362	595	539	117	Q	0
321113	Sawmills	1,862	114	D	9	0	0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	1,094	79	45	52	0	0
321219	Reconstituted Wood Products	79	40	23	28	0	0
3219	Other Wood Products	6,136	395	383	Q	Q	0
322	Paper	2,715	342	236	283	46	D
322110	Pulp Mills	11	22	21	19	D	0
322120	Paper Mills	74	64	63	55	7	0
322130	Paperboard Mills	77	87	79	69	15	D
323	Printing and Related Support	12,284	105	77	Q	11	Q
324	Petroleum and Coal Products	1,560	254	175	195	42	4
324110	Petroleum Refineries	27	104	86	95	37	0
324121	Asphalt Paving Mixture and Block	1,190	86	43	60	D	4
324122	Asphalt Shingle and Coating Materials	119	23	13	20	D	0
324191	Petroleum Lubricating Oil and Grease Manufacturing	188	27	26	8	0	0
324199	All Other Petroleum and Coal Products Manufacturing	36	14	6	11	D	0
325	Chemicals	8,084	1,960	1,589	937	201	Q
325110	Petrochemicals	34	26	19	24	14	0
325120	Industrial Gases	360	252	248	5	D	0
325180	Other Basic Inorganic Chemical Manufacturing	425	162	129	112	12	D
325193	Ethyl Alcohol	94	113	90	100	41	D
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	38	24	18	19	4	0
325199	All Other Basic Organic Chemical Manufacturing	299	291	167	199	38	0
325211	Plastics Materials and Resins	783	254	234	106	23	0
325212	Synthetic Rubber	82	16	13	14	5	0
325220	Artificial and Synthetic Fibers and Filaments	57	31	29	19	5	0
325311	Nitrogenous Fertilizers	135	26	21	15	5	0
325312	Phosphatic Fertilizers	70	9	7	7	D	0
3254	Pharmaceuticals and Medicines	1,258	213	142	79	36	Q
325412	Pharmaceutical Preparation	563	124	61	38	14	Q
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	56	13	13	8	6	0
326	Plastics and Rubber Products	7,782	708	625	125	164	0
327	Nonmetallic Mineral Products	11,264	1,028	882	490	18	D

327120	Clay Building Material and Refractories	269	95	69	79	D	0
327211	Flat Glass	79	14	14	6	D	0
327212	Other Pressed and Blown Glass and Glassware	137	19	15	19	D	0
327213	Glass Containers	20	34	32	30	D	0
327215	Glass Products from Purchased Glass	504	95	53	Q	D	0
327310	Cements	93	66	66	34	5	0
327410	Lime	77	18	12	12	0	0
327420	Gypsum	93	33	15	31	0	D
327993	Mineral Wool	141	44	14	40	4	0
331	Primary Metals	2,061	618	507	374	49	4
331110	Iron and Steel Mills and Ferroalloys	49	116	107	103	12	0
3312	Steel Products from Purchased Steel	468	96	78	36	9	4
3313	Alumina and Aluminum Production and Processing	233	120	86	83	9	0
331314	Secondary Smelting and Alloying of Aluminum	54	36	17	32	4	0
331315	Aluminum Sheet, Plate and Foils	D	D	17	24	D	0
331318	Other Aluminum Rolling, Drawing and Extruding	139	43	41	20	D	0
3314	Nonferrous Metal (except Aluminum) Production and Processing	429	90	83	44	6	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	63	11	10	8	0	0
3315	Foundries	881	197	153	109	13	0
331511	Iron Foundries	183	76	70	30	9	0
331523	Nonferrous Metal Die-Casting Foundries	186	31	16	25	D	0
331524	Aluminum Foundries, except Die-Casting	212	35	20	25	0	0
332	Fabricated Metal Products	36,454	1,799	1,448	1,073	D	Q
333	Machinery	13,483	578	570	256	Q	0
334	Computer and Electronic Products	5,600	1,025	917	Q	Q	0
334413	Semiconductors and Related Devices	231	144	137	Q	Q	0
335	Electrical Equipment, Appliances, and Components	2,974	327	305	Q	Q	0
336	Transportation Equipment	6,893	707	637	490	52	Q
336110	Automobile and Light Duty Motor Vehicle Manufacturing	157	53	52	51	16	0
3364	Aerospace Product and Parts	1,100	127	112	69	26	Q
336411	Aircraft	268	18	18	10	6	0
337	Furniture and Related Products	8,324	Q	Q	Q	0	0
339	Miscellaneous	12,486	569	553	Q	Q	0
	Total	170,452	14,663	12,185	6,867	1,144	Q

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

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

^a The Bureau of the Census classifies establishments using the 2022 North American Industry Classification System (NAICS).

^b The *participation* column includes those units which reported any of the two listed energy sources used in submetering at any time in 2022, plus those units where the energy sources used in submetering were not ascertained.

* 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

-- Estimation is not applicable

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).

NAICS code ^a	Subsector and industry	Participation in submetering					
		No participation	Participation ^b	Electric	Natural gas	Other	Don't know
Total United States							
311	Food	5.7	14.7	16.6	16.4	25.4	95.9
3112	Grain and Oilseed Milling	11.6	8.7	8.0	8.7	33.9	76.8
311221	Wet Corn Milling and Starch Manufacturing	0.0	0.0	0.0	0.0	0.0	X
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	15.3	11.0	12.6	12.7	11.5	X
3115	Dairy Product Manufacturing	14.5	9.1	10.9	9.6	16.5	D
3116	Animal Slaughtering and Processing	8.8	14.2	16.6	9.6	33.3	X
312	Beverage and Tobacco Products	6.8	21.1	22.6	35.2	58.1	X
3121	Beverages	6.9	21.5	22.8	37.1	D	X
3122	Tobacco	0.0	0.0	0.0	0.0	D	X
313	Textile Mills	18.0	17.4	18.6	26.7	34.4	X
314	Textile Product Mills	23.1	62.2	62.2	91.8	D	X
315	Apparel	19.5	61.1	76.9	99.3	X	X
316	Leather and Allied Products	23.5	3.4	3.4	0.0	0.0	X
321	Wood Products	6.0	26.4	29.1	42.9	65.0	X
321113	Sawmills	7.9	15.7	D	0.0	X	X
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	10.2	7.1	9.5	6.9	X	X
321219	Reconstituted Wood Products	27.2	11.4	13.2	12.1	X	X
3219	Other Wood Products	8.7	39.5	40.7	90.4	88.8	X
322	Paper	11.7	14.7	14.4	16.9	33.8	D
322110	Pulp Mills	0.0	0.0	0.0	0.0	D	X
322120	Paper Mills	0.0	0.0	0.0	0.0	0.0	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	D
323	Printing and Related Support	7.2	37.9	47.0	51.2	47.2	77.7
324	Petroleum and Coal Products	3.0	8.2	5.9	9.5	0.0	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	X
324121	Asphalt Paving Mixture and Block	3.4	22.0	11.0	30.8	D	0.0
324122	Asphalt Shingle and Coating Materials	15.6	0.0	0.0	0.0	D	X
324191	Petroleum Lubricating Oil and Grease Manufacturing	8.2	33.3	34.6	0.0	X	X
324199	All Other Petroleum and Coal Products Manufacturing	0.0	0.0	0.0	0.0	D	X
325	Chemicals	6.9	11.7	13.5	11.9	4.8	78.3
325110	Petrochemicals	0.0	0.0	0.0	0.0	0.0	X
325120	Industrial Gases	29.8	32.4	32.8	10.7	D	X
325180	Other Basic Inorganic Chemical Manufacturing	30.4	23.9	29.7	34.3	32.9	D
325193	Ethyl Alcohol	7.9	6.1	7.5	6.8	6.4	D
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	0.0	0.0	X
325199	All Other Basic Organic Chemical Manufacturing	16.5	23.4	15.7	32.0	7.8	X
325211	Plastics Materials and Resins	17.7	41.7	45.1	8.5	15.6	X
325212	Synthetic Rubber	35.5	0.0	0.0	0.0	0.0	X
325220	Artificial and Synthetic Fibers and Filaments	10.2	0.0	0.0	0.0	0.0	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	0.0	X
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	D	X
3254	Pharmaceuticals and Medicines	11.5	25.6	11.2	9.0	18.4	96.5
325412	Pharmaceutical Preparation	15.7	42.2	8.1	7.7	10.7	96.5
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	0.0	0.0	0.0	0.0	X
326	Plastics and Rubber Products	6.6	25.7	27.0	35.6	48.8	X
327	Nonmetallic Mineral Products	7.5	23.2	26.8	25.6	7.0	D
327120	Clay Building Material and Refractories	17.1	5.1	6.7	6.1	D	X
327211	Flat Glass	4.7	0.0	0.0	0.0	D	X
327212	Other Pressed and Blown Glass and Glassware	27.0	0.0	0.0	0.0	D	X
327213	Glass Containers	2.8	0.0	0.0	0.0	D	X

327215	Glass Products from Purchased Glass	11.1	38.7	43.4	52.3	D	X
327310	Cements	32.3	5.5	5.5	7.8	0.0	X
327410	Lime	0.0	0.0	0.0	0.0	X	X
327420	Gypsum	14.2	0.0	0.0	0.0	X	D
327993	Mineral Wool	34.7	41.4	0.0	45.5	0.0	X
331	Primary Metals	3.9	3.4	3.4	3.5	3.4	0.0
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	X
3312	Steel Products from Purchased Steel	8.2	11.6	13.6	17.4	9.6	0.0
3313	Alumina and Aluminum Production and Processing	7.2	8.0	11.1	1.8	0.0	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	0.0	0.0	X
331315	Aluminum Sheet, Plate and Foils	D	D	0.0	0.0	D	X
331318	Other Aluminum Rolling, Drawing and Extruding	4.0	22.3	23.4	7.5	D	X
3314	Nonferrous Metal (except Aluminum) Production and Processing	11.1	4.9	5.1	4.9	21.6	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	23.1	0.0	0.0	0.0	X	X
3315	Foundries	5.9	7.2	6.1	10.4	3.4	X
331511	Iron Foundries	13.1	9.2	9.9	7.8	4.8	X
331523	Nonferrous Metal Die-Casting Foundries	6.7	6.9	0.0	8.6	D	X
331524	Aluminum Foundries, except Die-Casting	8.8	29.6	0.0	41.6	X	X
332	Fabricated Metal Products	4.4	25.9	29.3	33.3	D	74.6
333	Machinery	6.0	27.9	28.2	37.9	57.0	X
334	Computer and Electronic Products	9.5	23.2	24.3	56.7	78.9	X
334413	Semiconductors and Related Devices	25.6	25.4	26.7	54.7	91.3	X
335	Electrical Equipment, Appliances, and Components	14.2	36.4	38.8	60.1	81.4	X
336	Transportation Equipment	8.7	23.1	24.4	31.2	21.3	78.7
336110	Automobile and Light Duty Motor Vehicle Manufacturing	41.5	5.0	5.1	5.2	0.0	X
3364	Aerospace Product and Parts	13.9	11.8	11.8	19.9	23.6	78.7
336411	Aircraft	45.5	0.0	0.0	0.0	0.0	X
337	Furniture and Related Products	8.1	50.5	50.5	84.1	X	X
339	Miscellaneous	7.0	35.5	36.5	61.4	76.0	X
	Total	1.8	6.2	6.9	8.5	13.3	66.5

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

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* 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

-- Estimation is not applicable

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

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