

Released: August 2021
 Next MECS will be fielded in 2023.

Table 8.10 Number of Establishments by Submetering Capability, 2018;

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	12,292	2,245	1,813	1,225	174	Q
3112	Grain and Oilseed Milling	386	186	162	131	22	D
311221	Wet Corn Milling	21	31	26	29	9	0
31131	Sugar Manufacturing	45	17	15	13	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	773	175	137	106	12	D
3115	Dairy Product	722	269	227	152	77	0
3116	Animal Slaughtering and Processing	1,403	230	165	161	44	D
312	Beverage and Tobacco Products	3,533	332	313	95	22	0
3121	Beverages	3,467	314	300	85	18	0
3122	Tobacco	66	18	14	10	4	0
313	Textile Mills	1,190	138	116	72	8	0
314	Textile Product Mills	3,657	Q	Q	23	D	0
315	Apparel	2,929	Q	Q	Q	0	0
316	Leather and Allied Products	609	12	10	5	4	D
321	Wood Products	8,205	516	479	210	12	0
321113	Sawmills	1,603	111	108	8	3	0
3212	Veneer, Plywood, and Engineered Woods	960	80	49	55	7	0
321219	Reconstituted Wood Products	112	46	29	32	7	0
3219	Other Wood Products	5,432	319	316	Q	3	0
322	Paper	2,151	610	579	252	106	D
322110	Pulp Mills	9	19	18	17	4	0
322121	Paper Mills, except Newsprint	34	121	113	100	16	D
322122	Newsprint Mills	3	8	8	7	D	0
322130	Paperboard Mills	60	79	69	65	15	0
323	Printing and Related Support	11,648	374	308	83	Q	0
324	Petroleum and Coal Products	1,492	271	184	200	50	0
324110	Petroleum Refineries	34	97	74	88	36	0
324121	Asphalt Paving Mixture and Block	1,094	129	79	80	D	0
324122	Asphalt Shingle and Coating Materials	129	27	20	19	3	0
324191	Petroleum Lubricating Oil and Grease Products	172	5	5	4	D	0
324199	Other Petroleum and Coal Products	64	13	6	9	3	0
325	Chemicals	6,519	1,834	1,454	1,002	209	5
325110	Petrochemicals	38	28	21	25	11	0
325120	Industrial Gases	173	209	209	D	D	0
325180	Other Basic Inorganic Chemicals	315	170	134	124	17	0
325193	Ethyl Alcohol	82	122	67	112	7	D
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	13	46	14	41	5	0
325199	Other Basic Organic Chemicals	220	226	179	163	51	0
325211	Plastics Materials and Resins	508	248	167	183	43	D
325212	Synthetic Rubber	54	27	19	19	10	0
325220	Artificial and Synthetic Fibers and Filaments	68	27	24	12	3	0
325311	Nitrogenous Fertilizers	114	34	27	22	3	0

325312	Phosphatic Fertilizers	40	9	5	4	D	D
3254	Pharmaceuticals and Medicines	1,066	173	157	72	23	0
325412	Pharmaceutical Preparation	618	84	72	38	15	0
325992	Photographic Film, Paper, Plate, and Chemicals	64	42	42	10	3	0
326	Plastics and Rubber Products	6,709	1,417	1,092	564	Q	0
327	Nonmetallic Mineral Products	10,182	849	629	479	38	86
327120	Clay Building Material and Refractories	267	112	75	93	0	D
327211	Flat Glass	42	16	12	7	D	0
327212	Other Pressed and Blown Glass and Glassware	101	61	50	29	D	0
327213	Glass Containers	35	18	17	14	0	0
327215	Glass Products from Purchased Glass	597	67	56	20	4	3
327310	Cements	119	60	57	30	15	D
327410	Lime	36	21	18	10	3	0
327420	Gypsum	101	44	25	42	0	0
327993	Mineral Wool	151	29	21	28	D	0
331	Primary Metals	2,280	786	597	486	47	Q
331110	Iron and Steel Mills and Ferroalloys	205	174	162	145	18	0
3312	Steel Products from Purchased Steel	369	110	61	44	D	D
3313	Alumina and Aluminum	275	109	66	92	D	0
331314	Secondary Smelting and Alloying of Aluminum	74	32	15	28	0	0
331315	Aluminum Sheet, Plate and Foils	33	32	17	30	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	149	33	25	24	D	0
3314	Nonferrous Metals, except Aluminum	457	149	113	92	13	D
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	81	21	20	6	0	0
3315	Foundries	974	243	195	114	11	4
331511	Iron Foundries	278	86	75	24	D	0
331523	Nonferrous Metal Die-Casting Foundries	183	64	42	35	0	4
331524	Aluminum Foundries, except Die-Casting	211	27	20	14	3	0
332	Fabricated Metal Products	33,514	1,395	988	189	D	0
333	Machinery	13,578	907	605	388	Q	0
334	Computer and Electronic Products	5,550	701	694	81	5	D
334413	Semiconductors and Related Devices	268	54	47	22	D	D
335	Electrical Equip., Appliances, and Components	2,973	228	200	99	Q	0
336	Transportation Equipment	6,240	560	531	254	54	Q
336111	Automobiles	38	32	32	30	15	0
336112	Light Trucks and Utility Vehicles	40	24	24	23	8	0
3364	Aerospace Product and Parts	1,069	120	109	61	15	Q
336411	Aircraft	331	11	11	3	D	0
337	Furniture and Related Products	7,646	342	254	Q	0	Q
339	Miscellaneous	12,507	511	476	Q	Q	0
	Total	155,405	14,575	11,868	5,968	1,320	363

(a) The Bureau of the Census classifies establishments using the 2017 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 2018, plus those units where the energy sources used in submetering was not ascertained.

* Estimate less than 0.5.

D=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

-- Estimation is not applicable.

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

Source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-846, 2018 Manufacturing Energy Consumption Survey.

The Census Bureau has reviewed this data product for unauthorized disclosure of confidential information and has approved the disclosure avoidance practices applied (Approval ID: CDBRB-FY20-260).

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RSE Table 8.10 Relative Standard Errors for Table 8.10;

Unit: Percents

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	1.9	3.3	3.6	2.8	4.7	52.0
3112	Grain and Oilseed Milling	4.5	3.7	3.9	3.1	1.5	D
311221	Wet Corn Milling	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	6.2	13.0	14.0	12.6	15.4	D
3115	Dairy Product	5.4	13.2	14.9	11.3	18.5	X
3116	Animal Slaughtering and Processing	4.5	10.6	11.7	11.2	19.0	D
312	Beverage and Tobacco Products	1.1	5.5	6.7	2.9	1.6	X
3121	Beverages	2.1	19.7	20.6	17.4	18.7	X
3122	Tobacco	0.0	0.0	0.0	0.0	0.0	X
313	Textile Mills	2.8	21.9	23.1	32.5	34.0	X
314	Textile Product Mills	7.0	60.2	62.4	32.0	D	X
315	Apparel	12.5	60.2	60.2	98.8	X	X
316	Leather and Allied Products	3.0	16.8	17.7	15.0	15.0	D
321	Wood Products	2.6	13.0	13.2	14.8	47.3	X
321113	Sawmills	1.2	8.9	9.1	8.0	0.0	X
3212	Veneer, Plywood, and Engineered Woods	3.9	17.1	19.0	16.2	49.4	X
321219	Reconstituted Wood Products	8.0	19.2	21.4	18.0	49.4	X
3219	Other Wood Products	3.6	36.3	36.7	61.0	0.0	X
322	Paper	2.7	1.5	1.6	0.5	2.9	D
322110	Pulp Mills	0.0	0.0	0.0	0.0	0.0	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	D
322122	Newsprint Mills	0.0	0.0	0.0	0.0	D	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	X
323	Printing and Related Support	2.1	38.0	44.9	41.1	57.8	X
324	Petroleum and Coal Products	2.9	1.9	2.1	1.8	1.4	X
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	X
324121	Asphalt Paving Mixture and Block	2.0	10.1	9.5	12.9	D	X
324122	Asphalt Shingle and Coating Materials	5.7	12.6	12.9	13.0	12.2	X
324191	Petroleum Lubricating Oil and Grease Products	10.8	12.7	12.7	12.7	D	X
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	0.0	X
325	Chemicals	2.3	4.0	5.1	3.4	3.1	0.0
325110	Petrochemicals	0.0	0.0	0.0	0.0	0.0	X
325120	Industrial Gases	24.3	17.6	17.6	D	D	X
325180	Other Basic Inorganic Chemicals	9.0	16.2	18.2	16.1	9.4	X
325193	Ethyl Alcohol	6.8	4.7	6.8	5.3	17.6	D
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	0.0	0.0	X
325199	Other Basic Organic Chemicals	12.8	11.3	13.2	13.0	13.3	X
325211	Plastics Materials and Resins	8.5	16.0	17.4	21.2	27.3	D
325212	Synthetic Rubber	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	X
325311	Nitrogenous Fertilizers	13.8	46.5	48.6	48.1	43.3	X
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	D	D
3254	Pharmaceuticals and Medicines	4.1	14.9	15.9	9.6	8.0	X
325412	Pharmaceutical Preparation	2.3	15.4	16.1	14.7	10.8	X

325992	Photographic Film, Paper, Plate, and Chemicals	17.6	28.0	28.0	19.7	18.8	X
326	Plastics and Rubber Products	3.9	17.7	20.3	30.4	77.3	X
327	Nonmetallic Mineral Products	2.1	5.5	6.4	4.7	7.9	38.9
327120	Clay Building Material and Refractories	6.2	10.3	11.8	10.6	X	D
327211	Flat Glass	0.0	0.0	0.0	0.0	D	X
327212	Other Pressed and Blown Glass and Glassware	16.6	27.8	33.8	20.4	D	X
327213	Glass Containers	0.0	0.0	0.0	0.0	X	X
327215	Glass Products from Purchased Glass	2.4	12.8	13.7	10.5	10.5	10.5
327310	Cements	8.8	15.3	15.1	15.4	15.1	D
327410	Lime	0.0	0.0	0.0	0.0	0.0	X
327420	Gypsum	7.0	15.1	15.2	15.1	X	X
327993	Mineral Wool	6.6	18.0	18.3	18.0	D	X
331	Primary Metals	2.0	3.7	3.9	2.8	12.4	69.3
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	X
3312	Steel Products from Purchased Steel	7.3	23.6	14.2	15.2	D	D
3313	Alumina and Aluminum	2.1	3.7	3.7	3.4	D	X
331314	Secondary Smelting and Alloying of Aluminum	7.1	15.1	18.4	14.6	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	0.0	0.0	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	3.0	11.1	11.9	9.7	D	X
3314	Nonferrous Metals, except Aluminum	5.5	13.0	13.1	17.0	20.6	D
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	6.4	20.0	20.1	18.0	X	X
3315	Foundries	4.1	9.7	11.6	7.7	42.2	7.1
331511	Iron Foundries	7.6	22.8	23.5	17.5	D	X
331523	Nonferrous Metal Die-Casting Foundries	6.4	17.6	26.5	15.7	X	7.1
331524	Aluminum Foundries, except Die-Casting	12.6	15.2	14.7	17.3	12.2	X
332	Fabricated Metal Products	2.2	29.0	34.8	42.4	D	X
333	Machinery	1.9	23.3	27.3	36.1	92.6	X
334	Computer and Electronic Products	4.3	16.2	16.1	22.4	11.9	D
334413	Semiconductors and Related Devices	7.8	20.2	19.7	23.9	D	D
335	Electrical Equip., Appliances, and Components	3.6	26.7	28.8	37.8	69.3	X
336	Transportation Equipment	1.0	2.9	2.9	2.3	0.7	60.4
336111	Automobiles	0.0	0.0	0.0	0.0	0.0	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0	0.0	0.0	X
3364	Aerospace Product and Parts	1.4	15.4	16.1	22.9	10.3	60.4
336411	Aircraft	1.0	19.1	19.1	19.1	D	X
337	Furniture and Related Products	2.6	38.3	43.2	67.0	X	98.7
339	Miscellaneous	2.3	35.7	37.9	75.0	70.0	X
	Total	0.7	1.6	1.8	1.2	1.6	32.9

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* Estimate less than 0.5.
D=Withheld to avoid disclosing data for individual establishments.
Q=Withheld because Relative Standard Error is greater than 50 percent.
X=Not defined because RSE corresponds to a data table value of zero.
NA=Not available.
-- Estimation is not applicable.

Notes: Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-846, 2018 Manufacturing Energy Consumption Survey.

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