

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

Table 8.6 Number of Establishments by Participation in Programs Dedicated to Improving Energy Consumption, 2018;

Level: National Data;
Row: NAICS Codes;
Column: Participation in Programs Dedicated to Improving Energy Consumption;
Unit: Establishment Counts.

		Participation in Programs Dedicated to Improving Energy Consumption					
NAICS Code(a)	Subsector and Industry	Establishments(b)	Superior Energy Performance	Better Buildings, Better Plants	Energy Star	Other	Don't Know
Total United States							
311	Food	15,842	1,399	1,153	6,633	928	6,273
3112	Grain and Oilseed Milling	611	54	66	268	38	189
311221	Wet Corn Milling	52	8	D	38	4	11
31131	Sugar Manufacturing	70	10	15	26	8	26
3114	Fruit and Vegetable Preserving and Specialty Food	1,047	108	135	515	85	361
3115	Dairy Product	1,036	134	149	565	128	305
3116	Animal Slaughtering and Processing	1,842	170	154	812	107	693
312	Beverage and Tobacco Products	3,938	358	392	2,170	297	1,262
3121	Beverages	3,853	350	386	2,130	291	1,221
3122	Tobacco	85	8	5	41	5	40
313	Textile Mills	1,360	192	176	633	88	579
314	Textile Product Mills	4,116	Q	70	1,533	Q	2,328
315	Apparel	3,856	Q	5	1,722	Q	2,099
316	Leather and Allied Products	655	Q	Q	343	9	260
321	Wood Products	9,435	451	646	3,624	418	5,185
321113	Sawmills	1,787	100	181	700	86	958
3212	Veneer, Plywood, and Engineered Woods	1,083	37	38	455	63	562
321219	Reconstituted Wood Products	158	9	5	88	12	62
3219	Other Wood Products	6,286	309	400	2,341	263	3,529
322	Paper	3,009	543	655	1,518	343	879
322110	Pulp Mills	28	10	10	20	6	D
322121	Paper Mills, except Newsprint	156	28	28	109	41	24
322122	Newsprint Mills	11	4	4	5	5	3
322130	Paperboard Mills	143	29	25	68	10	60
323	Printing and Related Support	12,614	368	962	5,519	511	5,638
324	Petroleum and Coal Products	1,883	244	301	1,025	140	615
324110	Petroleum Refineries	136	15	16	84	17	37
324121	Asphalt Paving Mixture and Block	1,289	200	240	732	111	362
324122	Asphalt Shingle and Coating Materials	168	18	25	84	3	73
324191	Petroleum Lubricating Oil and Grease Products	211	6	8	83	Q	114
324199	Other Petroleum and Coal Products	79	5	12	42	5	29
325	Chemicals	8,902	851	1,338	4,038	651	3,420
325110	Petrochemicals	66	5	5	16	14	34
325120	Industrial Gases	525	194	277	307	176	35
325180	Other Basic Inorganic Chemicals	501	42	50	305	38	136
325193	Ethyl Alcohol	207	41	40	90	24	79
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	61	3	5	46	D	9
325199	Other Basic Organic Chemicals	524	37	39	233	54	175
325211	Plastics Materials and Resins	813	63	84	380	33	318
325212	Synthetic Rubber	87	9	11	47	7	27
325220	Artificial and Synthetic Fibers and Filaments	99	16	20	51	6	31
325311	Nitrogenous Fertilizers	148	5	6	116	5	22
325312	Phosphatic Fertilizers	55	D	4	15	0	39
3254	Pharmaceuticals and Medicines	1,327	92	218	585	83	472
325412	Pharmaceutical Preparation	717	65	126	372	38	241
325992	Photographic Film, Paper, Plate, and Chemicals	108	D	41	77	4	14
326	Plastics and Rubber Products	8,317	854	1,033	4,108	582	3,220
327	Nonmetallic Mineral Products	12,035	505	1,496	5,406	338	4,691
327120	Clay Building Material and Refractories	415	37	41	208	12	156
327211	Flat Glass	60	D	4	27	D	30

327212	Other Pressed and Blown Glass and Glassware	164	D	Q	63	Q	77
327213	Glass Containers	57	7	8	26	3	27
327215	Glass Products from Purchased Glass	686	80	65	328	43	269
327310	Cements	187	12	21	156	5	20
327410	Lime	86	7	8	54	12	31
327420	Gypsum	148	22	26	96	D	42
327993	Mineral Wool	191	9	24	138	D	26
331	Primary Metals	3,226	413	472	1,532	159	1,216
331110	Iron and Steel Mills and Ferroalloys	390	65	80	219	24	122
3312	Steel Products from Purchased Steel	498	38	38	247	19	172
3313	Alumina and Aluminum	399	68	74	228	19	130
331314	Secondary Smelting and Alloying of Aluminum	109	25	Q	60	D	45
331315	Aluminum Sheet, Plate and Foils	65	16	20	30	D	22
331318	Other Aluminum Rolling, Drawing and Extruding	191	27	32	130	9	41
3314	Nonferrous Metals, except Aluminum	651	109	125	253	24	266
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	107	14	14	44	3	52
3315	Foundries	1,288	132	155	586	72	526
331511	Iron Foundries	373	65	79	222	21	90
331523	Nonferrous Metal Die-Casting Foundries	257	32	32	107	26	100
331524	Aluminum Foundries, except Die-Casting	277	15	14	106	14	156
332	Fabricated Metal Products	37,949	2,194	2,811	13,873	856	18,242
333	Machinery	14,919	927	988	6,312	682	6,810
334	Computer and Electronic Products	6,646	588	849	3,775	300	2,131
334413	Semiconductors and Related Devices	344	13	38	219	45	62
335	Electrical Equip., Appliances, and Components	3,295	220	345	1,443	320	1,323
336	Transportation Equipment	7,103	787	971	3,333	299	2,602
336111	Automobiles	71	16	23	56	4	10
336112	Light Trucks and Utility Vehicles	69	11	14	36	5	21
3364	Aerospace Product and Parts	1,199	137	131	580	41	546
336411	Aircraft	347	46	47	216	6	125
337	Furniture and Related Products	8,347	Q	408	3,398	416	4,535
339	Miscellaneous	13,679	773	811	5,987	528	5,763
	Total	181,126	12,123	15,919	77,928	7,932	79,071

(a) The Bureau of the Census classifies establishments using the 2017 North American Industry Classification System (NAICS).

(b) The *Establishments* column includes those units which reported any of the three listed programs for improving energy consumption at any time in 2018, plus those units where programs for improving energy consumption were 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: CBDRB-FY20-260).

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RSE Table 8.6 Relative Standard Errors for Table 8.6;

Unit: Percents.

Participation in Programs Dedicated to Improving Energy Consumption

NAICS Code(a)	Subsector and Industry	Establishments(b)	Superior Energy Performance	Better Buildings, Better Plants	Energy Star	Other	Don't Know
Total United States							
311	Food	0.0	5.6	7.0	3.1	7.8	4.4
3112	Grain and Oilseed Milling	0.0	8.2	17.4	4.2	11.5	8.9
311221	Wet Corn Milling	0.0	0.0	D	0.0	0.0	0.0
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	0.0	19.7	20.3	11.3	17.2	16.8
3115	Dairy Product	0.0	15.7	22.0	8.2	25.0	12.6
3116	Animal Slaughtering and Processing	0.0	19.1	22.4	9.6	27.5	11.4
312	Beverage and Tobacco Products	0.0	11.8	14.1	3.7	14.0	4.6
3121	Beverages	0.0	24.4	22.9	7.0	25.5	11.5
3122	Tobacco	0.0	0.0	0.0	0.0	0.0	0.0
313	Textile Mills	0.0	25.6	22.1	12.3	37.4	13.4
314	Textile Product Mills	0.0	81.1	45.5	25.1	97.6	17.0
315	Apparel	0.0	73.5	35.3	24.0	63.9	19.7
316	Leather and Allied Products	0.0	51.7	78.5	16.5	18.3	21.9
321	Wood Products	0.0	11.5	14.9	7.1	13.8	6.0
321113	Sawmills	0.0	15.1	21.7	8.9	15.9	6.6
3212	Veneer, Plywood, and Engineered Woods	0.0	15.7	16.5	12.3	22.6	11.9
321219	Reconstituted Wood Products	0.0	19.2	21.3	18.0	18.0	23.4
3219	Other Wood Products	0.0	36.8	33.8	11.9	32.5	8.1
322	Paper	0.0	3.9	3.9	2.2	3.2	4.6
322110	Pulp Mills	0.0	0.0	0.0	0.0	0.0	D
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0
322122	Newsprint Mills	0.0	0.0	0.0	0.0	0.0	0.0
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0
323	Printing and Related Support	0.0	42.7	25.9	8.7	35.8	8.6
324	Petroleum and Coal Products	0.0	6.0	5.0	3.7	6.8	5.5
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0
324121	Asphalt Paving Mixture and Block	0.0	13.6	12.1	4.9	19.3	8.5
324122	Asphalt Shingle and Coating Materials	0.0	16.7	14.9	12.6	12.1	16.2
324191	Petroleum Lubricating Oil and Grease Products	0.0	12.7	12.7	17.3	62.7	13.5
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	0.0	0.0
325	Chemicals	0.0	8.0	6.9	2.7	6.9	3.5
325110	Petrochemicals	0.0	0.0	0.0	0.0	0.0	0.0
325120	Industrial Gases	0.0	19.6	13.7	10.3	17.3	36.2
325180	Other Basic Inorganic Chemicals	0.0	32.4	28.9	9.8	31.4	18.9
325193	Ethyl Alcohol	0.0	8.7	8.9	6.4	34.2	7.0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	0.0	D	0.0
325199	Other Basic Organic Chemicals	0.0	13.9	12.8	11.8	23.6	14.7
325211	Plastics Materials and Resins	0.0	15.8	20.2	11.2	28.6	14.4
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0
325311	Nitrogenous Fertilizers	0.0	43.3	43.3	12.6	46.9	47.6
325312	Phosphatic Fertilizers	0.0	D	0.0	0.0	X	0.0
3254	Pharmaceuticals and Medicines	0.0	29.8	22.8	10.7	22.2	14.8
325412	Pharmaceutical Preparation	0.0	43.1	31.5	13.3	18.7	20.5
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	D	31.4	12.1	18.8	18.8
326	Plastics and Rubber Products	0.0	24.7	21.9	8.5	28.0	10.7
327	Nonmetallic Mineral Products	0.0	12.4	10.6	3.3	9.9	5.4
327120	Clay Building Material and Refractories	0.0	14.4	14.3	10.9	8.6	13.9
327211	Flat Glass	0.0	D	0.0	0.0	D	0.0
327212	Other Pressed and Blown Glass and Glassware	0.0	D	52.2	25.8	55.2	25.1
327213	Glass Containers	0.0	0.0	0.0	0.0	0.0	0.0
327215	Glass Products from Purchased Glass	0.0	27.6	25.5	12.9	35.2	16.4

327310	Cements	0.0	15.1	31.7	5.0	15.1	34.6
327410	Lime	0.0	0.0	0.0	0.0	0.0	0.0
327420	Gypsum	0.0	24.2	22.3	13.0	D	34.8
327993	Mineral Wool	0.0	17.6	36.6	10.3	D	33.1
331	Primary Metals	0.0	9.2	8.2	3.5	6.4	4.1
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	0.0
3312	Steel Products from Purchased Steel	0.0	23.5	24.2	12.8	24.0	17.6
3313	Alumina and Aluminum	0.0	17.3	15.0	4.3	3.2	5.1
331314	Secondary Smelting and Alloying of Aluminum	0.0	45.6	60.2	11.8	D	14.9
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	0.0	0.0	D	0.0
331318	Other Aluminum Rolling, Drawing and Extruding	0.0	13.9	13.0	7.7	11.9	25.5
3314	Nonferrous Metals, except Aluminum	0.0	24.4	20.6	13.5	19.0	13.8
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	21.5	21.6	21.0	18.0	21.5
3315	Foundries	0.0	14.4	15.1	6.8	14.2	7.0
331511	Iron Foundries	0.0	28.4	31.3	14.5	39.7	27.9
331523	Nonferrous Metal Die-Casting Foundries	0.0	23.0	18.1	11.0	19.3	13.4
331524	Aluminum Foundries, except Die-Casting	0.0	18.6	12.2	14.5	33.5	11.4
332	Fabricated Metal Products	0.0	24.5	21.7	8.1	36.8	6.4
333	Machinery	0.0	25.1	23.8	7.7	28.7	7.2
334	Computer and Electronic Products	0.0	22.9	26.5	8.6	34.7	15.2
334413	Semiconductors and Related Devices	0.0	33.6	49.9	14.1	43.2	33.6
335	Electrical Equip., Appliances, and Components	0.0	46.1	39.4	16.5	41.1	18.3
336	Transportation Equipment	0.0	6.7	5.4	4.2	9.8	7.3
336111	Automobiles	0.0	0.0	0.0	0.0	0.0	0.0
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0	0.0	0.0	0.0
3364	Aerospace Product and Parts	0.0	16.0	15.1	10.2	16.9	12.8
336411	Aircraft	0.0	19.1	19.1	14.8	19.1	25.6
337	Furniture and Related Products	0.0	51.7	35.3	10.7	37.9	8.1
339	Miscellaneous	0.0	31.1	30.7	8.9	38.0	9.3
	Total	0.0	3.0	2.8	1.2	2.8	1.6

(a) The Bureau of the Census classifies establishments using the 2017 North American Industry Classification System (NAICS).

(b) The *Establishments* column includes those units which reported any of the three listed programs for improving energy consumption at any time in 2018, plus those units where programs for improving energy consumption were 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.

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.

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