

Released: February 2018

Next MECS will be fielded in 2019

Table 8.8 Number of Establishments by Participation in Setting Goals for Improving Energy Consumption, 2014;

Level: National Data;
 Row: NAICS Codes;
 Column: Participation and Policies Influencing Energy Consumption Goals;
 Unit: Establishment Counts.

		Policies that Influenced Energy Consumption Goals								
NAICS Code(a)	Subsector and Industry	No Participation	Participation(b)	Don't Know	Legal Requirement	Voluntary Programs	Corporate Policy	Customer Requirements	Government Incentives	Don't Know
Total United States										
311	Food	5,501	4,515	3,674	933	2,674	2,753	1,274	1,141	Q
3112	Grain and Oilseed Milling	144	365	91	97	178	267	78	104	8
311221	Wet Corn Milling	W	34	W	12	26	29	10	W	W
31131	Sugar Manufacturing	22	31	18	15	12	19	10	W	0
3114	Fruit and Vegetable Preserving and Specialty Food	310	480	195	88	305	321	132	124	W
3115	Dairy Product	304	481	206	148	258	287	141	161	W
3116	Animal Slaughtering and Processing	464	803	335	184	495	519	220	126	7
312	Beverage and Tobacco Products	1,116	896	431	225	644	572	120	284	0
3121	Beverages	1,077	872	420	W	631	558	W	W	0
3122	Tobacco	39	24	12	W	14	14	W	W	0
313	Textile Mills	631	534	190	117	366	353	Q	89	W
314	Textile Product Mills	2,490	1,221	566	Q	906	Q	31	Q	0
315	Apparel	1,352	803	1,719	Q	348	Q	W	W	0
316	Leather and Allied Products	320	99	Q	15	58	33	W	W	W
321	Wood Products	3,936	1,824	2,637	505	1,042	631	364	527	49
321113	Sawmills	746	424	449	145	287	176	80	W	25
3212	Veneer, Plywood, and Engineered Woods	412	350	211	110	214	219	60	112	W
321219	Reconstituted Wood Products	59	77	18	44	65	63	26	44	0
3219	Other Wood Products	2,662	1,009	1,887	237	520	202	217	249	W
322	Paper	1,520	1,299	401	580	625	805	335	462	Q
322110	Pulp Mills	W	W	0	11	21	17	12	9	0
322121	Paper Mills, except Newsprint	19	133	13	43	100	107	33	55	W
322122	Newsprint Mills	W	W	0	7	12	12	W	8	W
322130	Paperboard Mills	13	130	4	45	83	97	30	38	W
323	Printing and Related Support	6,989	2,877	4,139	455	1,863	1,042	566	616	W
324	Petroleum and Coal Products	617	805	497	199	461	573	90	135	26
324110	Petroleum Refineries	21	91	62	26	51	78	W	16	W
324121	Asphalt Paving Mixture and Block	363	581	341	144	344	394	72	94	18
324122	Asphalt Shingle and Coating Materials	56	73	34	14	44	59	11	15	W
324199	Other Petroleum and Coal Products	44	27	15	W	10	21	W	W	W
325	Chemicals	3,381	2,929	2,219	653	1,541	2,041	484	440	Q
325110	Petrochemicals	W	28	W	9	15	21	0	W	W
325120	Industrial Gases	70	145	212	48	Q	140	34	20	W
325180	Other Basic Inorganic Chemicals	195	232	84	41	143	166	30	28	W
325193	Ethyl Alcohol	30	158	24	50	110	109	18	42	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	29	32	8	10	22	25	W	W	W
325199	Other Basic Organic Chemicals	164	281	73	57	155	231	36	34	Q
325211	Plastics Materials and Resins	416	315	113	105	156	229	43	104	W
325212	Synthetic Rubber	26	36	23	8	23	29	6	5	0
325220	Artificial and Synthetic Fibers and Filaments	33	37	19	4	26	28	6	6	0
325311	Nitrogenous Fertilizers	22	70	Q	6	24	Q	W	6	W
325312	Phosphatic Fertilizers	16	18	23	W	10	13	W	W	0
3254	Pharmaceuticals and Medicines	488	387	325	63	203	287	42	53	W
325412	Pharmaceutical Preparation	232	172	197	37	96	125	34	38	0
325992	Photographic Film, Paper, Plate, and Chemicals	37	26	58	W	19	19	6	7	0
326	Plastics and Rubber Products	3,425	2,793	1,999	715	2,183	1,793	665	769	0
327	Nonmetallic Mineral Products	5,703	3,832	2,649	826	2,129	2,454	296	461	303
327120	Clay Building Material and Refractories	161	222	63	39	93	167	29	31	W
327211	Flat Glass	W	34	W	10	23	23	W	9	W
327212	Other Pressed and Blown Glass and Glassware	118	72	4	7	51	35	12	17	W
327213	Glass Containers	9	39	12	W	15	35	W	8	0
327215	Glass Products from Purchased Glass	340	245	97	Q	146	95	Q	70	9
327310	Cements	Q	109	Q	20	58	95	9	15	W
327410	Lime	20	52	11	15	34	44	19	16	W
327420	Gypsum	Q	84	8	7	34	81	W	22	0
327993	Mineral Wool	32	110	44	16	34	97	8	8	W
331	Primary Metals	1,526	965	647	217	615	563	150	187	17
331110	Iron and Steel Mills and Ferroalloys	125	149	71	29	106	106	21	26	W
3312	Steel Products from Purchased Steel	201	128	140	20	62	74	18	27	0
3313	Alumina and Aluminum	182	136	66	37	75	98	8	29	W
331314	Secondary Smelting and Alloying of Aluminum	42	40	14	14	18	23	W	9	W
331315	Aluminum Sheet, Plate and Foils	28	W	W	5	12	20	W	W	0
331318	Other Aluminum Rolling, Drawing and Extruding	100	50	41	9	25	37	W	8	W
3314	Nonferrous Metals, except Aluminum	322	166	173	35	104	100	22	30	5
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	30	23	55	5	11	12	W	W	W
3315	Foundries	695	386	197	95	269	185	80	74	4
331511	Iron Foundries	148	105	Q	15	80	51	16	18	W
331523	Nonferrous Metal Die-Casting Foundries	120	76	58	15	51	44	14	12	W
331524	Aluminum Foundries, except Die-Casting	135	90	43	29	51	47	25	14	0
332	Fabricated Metal Products	21,629	5,597	9,213	1,429	2,730	2,076	2,213	1,702	W
333	Machinery	8,343	3,460	3,504	666	1,971	1,980	360	770	Q
334	Computer and Electronic Products	3,621	1,640	1,570	323	1,059	944	247	385	W
334413	Semiconductors and Related Devices	106	190	93	55	150	98	43	37	W
335	Electrical Equip., Appliances, and Components	2,042	614	642	242	394	457	204	220	0
336	Transportation Equipment	3,112	2,031	1,461	426	1,063	1,576	580	324	W
336111	Automobiles	W	35	W	W	25	30	W	7	0
336112	Light Trucks and Utility Vehicles	5	32	0	11	21	30	W	7	W
3364	Aerospace Product and Parts	401	398	265	112	243	317	125	84	W
336411	Aircraft	Q	109	116	16	56	100	14	3	0
337	Furniture and Related Products	4,528	1,598	1,787	254	1,425	389	Q	430	0
339	Miscellaneous	7,894	2,151	2,956	279	1,507	928	145	513	W
	Total	89,676	42,483	42,948	9,595	25,605	22,927	8,801	9,568	1,110

(a) The Bureau of the Census classifies establishments using the 2012 North American Industry Classification System (NAICS).
 (b) The 'Participation' column includes those units which reported any of the five listed policies that influenced energy consumption goals at anytime in 2014, plus those units where the policies that influenced energy consumption goals was not ascertained.

* 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.
 Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey.'

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RSE Table 8.8 Relative Standard Errors for Table 8.8;

Unit: Percents.

NAICS Code(a)	Subsector and Industry	Policies that Influenced Energy Consumption Goals								
		No Participation	Participation(b)	Don't Know	Legal Requirement	Voluntary Programs	Corporate Policy	Customer Requirements	Government Incentives	Don't Know
Total United States										
311	Food	7.5	7.8	10.4	16.9	10.8	10.1	16.4	17.6	55.6
3112	Grain and Oilseed Milling	23.0	9.3	29.3	16.1	11.9	10.6	15.2	17.8	7.5
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
3114	Fruit and Vegetable Preserving and Specialty Food	15.1	11.0	23.4	29.9	16.3	15.2	28.1	22.7	80.2
3115	Dairy Product	15.4	9.3	17.6	20.0	12.5	12.1	20.7	21.2	80.6
3116	Animal Slaughtering and Processing	14.7	8.6	18.9	23.0	11.0	10.9	17.7	16.3	47.3
312	Beverage and Tobacco Products	10.1	11.5	18.7	26.9	14.5	13.8	12.0	22.4	X
3121	Beverages	10.4	11.8	19.2	27.5	14.8	14.2	12.2	22.6	X
3122	Tobacco	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
313	Textile Mills	13.3	15.2	29.6	42.5	21.3	20.0	58.5	47.2	9.8
314	Textile Product Mills	16.9	31.0	49.9	69.5	38.1	57.3	43.9	54.0	X
315	Apparel	34.2	48.7	30.0	75.0	47.6	62.9	91.7	59.4	X
316	Leather and Allied Products	10.6	27.0	51.0	39.4	21.1	23.7	14.9	22.2	88.8
321	Wood Products	6.9	11.3	9.8	21.6	14.5	12.1	29.0	18.7	37.9
321113	Sawmills	7.1	9.0	11.4	14.3	11.2	12.2	23.3	13.8	31.7
3212	Veneer, Plywood, and Engineered Woods	13.7	15.5	23.8	24.0	20.6	18.4	23.1	23.5	10.4
321219	Reconstituted Wood Products	26.1	17.0	23.1	20.6	18.0	18.2	26.5	20.9	X
3219	Other Wood Products	9.7	19.3	13.0	43.6	27.0	29.8	47.4	37.1	80.9
322	Paper	13.1	14.1	33.3	25.0	17.1	18.3	31.2	26.2	69.3
322110	Pulp Mills	0.0	0.0	X	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	0.0	0.0	0.0	0.0
322122	Newsprint Mills	0.0	0.0	X	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	0.0	0.0	0.0
323	Printing and Related Support	7.6	14.8	11.7	39.8	19.2	25.4	35.3	34.1	98.8
324	Petroleum and Coal Products	6.8	4.9	9.5	8.1	5.8	5.8	11.0	8.9	26.5
324110	Petroleum Refineries	26.6	26.6	48.4	26.6	26.6	26.6	26.6	26.6	26.6
324121	Asphalt Paving Mixture and Block	9.3	5.1	8.3	9.7	6.3	6.4	12.8	11.4	39.1
324122	Asphalt Shingle and Coating Materials	11.2	7.1	15.5	24.1	9.4	7.4	31.2	19.3	4.0
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325	Chemicals	8.2	8.2	11.5	17.5	12.0	9.1	24.6	18.7	56.0
325110	Petrochemicals	20.3	20.3	57.6	20.3	20.3	20.3	X	20.3	20.3
325120	Industrial Gases	31.2	17.9	16.1	33.4	54.3	18.2	34.6	21.5	13.7
325180	Other Basic Inorganic Chemicals	19.4	15.1	34.2	20.0	20.5	20.2	23.0	24.2	86.3
325193	Ethyl Alcohol	11.8	5.3	35.7	20.9	8.5	8.5	19.4	11.7	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325199	Other Basic Organic Chemicals	21.4	13.0	36.6	23.3	19.4	15.5	24.0	30.4	53.8
325211	Plastics Materials and Resins	10.7	12.6	27.0	23.3	16.7	15.5	19.3	24.3	7.9
325212	Synthetic Rubber	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	X
325311	Nitrogenous Fertilizers	28.2	44.9	77.3	36.9	25.8	60.4	25.2	36.9	25.2
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
3254	Pharmaceuticals and Medicines	13.7	14.6	19.6	29.6	19.2	16.5	28.8	15.3	15.9
325412	Pharmaceutical Preparation	18.6	15.4	23.2	33.8	16.9	16.3	35.1	18.9	X
325992	Photographic Film, Paper, Plate, and Chemicals	26.7	21.8	23.2	21.8	21.8	21.8	21.8	21.8	X
326	Plastics and Rubber Products	10.2	11.8	15.3	27.6	14.1	15.7	29.9	25.8	X
327	Nonmetallic Mineral Products	8.2	10.9	14.9	28.4	16.3	14.1	35.7	30.9	49.5
327120	Clay Building Material and Refractories	11.8	9.0	17.5	15.1	21.0	12.4	28.5	18.3	8.0
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327212	Other Pressed and Blown Glass and Glassware	14.8	23.2	20.5	23.6	26.2	21.9	39.4	23.0	20.5
327213	Glass Containers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
327215	Glass Products from Purchased Glass	13.0	17.6	22.3	62.2	23.9	29.5	61.9	43.4	41.3
327310	Cements	81.0	30.8	54.7	29.2	29.3	31.7	29.2	29.5	29.2
327410	Lime	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327420	Gypsum	55.3	18.1	20.0	16.0	16.0	18.4	16.0	16.0	X
327993	Mineral Wool	30.0	17.7	30.1	43.8	27.8	22.5	20.8	20.8	20.8
331	Primary Metals	4.6	5.5	9.6	9.6	7.2	5.3	14.0	10.7	9.0
331110	Iron and Steel Mills and Ferroalloys	5.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
3312	Steel Products from Purchased Steel	15.4	17.7	22.0	32.8	20.1	21.5	30.7	44.4	X
3313	Alumina and Aluminum	7.6	4.7	18.0	3.2	4.2	5.3	4.2	3.2	32.1
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
331315	Aluminum Sheet, Plate and Foils	17.6	17.1	17.1	17.1	17.1	17.1	17.1	17.1	X
331318	Other Aluminum Rolling, Drawing and Extruding	12.9	10.7	28.5	9.3	9.3	10.8	9.3	9.3	66.5
3314	Nonferrous Metals, except Aluminum	11.0	14.1	21.2	22.4	18.5	15.9	39.2	16.5	11.5
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	26.2	26.2	25.4	26.2	26.2	26.2	26.2	26.2	26.2
3315	Foundries	7.0	10.6	19.1	19.0	14.0	10.0	22.9	20.3	11.2
331511	Iron Foundries	20.3	19.5	51.3	16.7	22.1	18.5	33.1	29.8	16.7
331523	Nonferrous Metal Die-Casting Foundries	12.8	12.0	21.7	11.0	14.4	13.4	10.4	19.8	9.1
331524	Aluminum Foundries, except Die-Casting	9.2	13.7	10.9	38.2	15.6	16.1	44.5	16.6	X
332	Fabricated Metal Products	5.4	14.9	11.3	30.8	22.0	23.8	25.8	29.0	87.4
333	Machinery	6.0	12.1	12.3	31.7	16.7	16.6	42.3	28.9	61.5
334	Computer and Electronic Products	9.3	16.6	18.6	36.8	21.4	21.8	37.5	36.4	18.4
334413	Semiconductors and Related Devices	33.4	20.1	39.1	31.9	26.3	24.8	37.8	21.9	18.4
335	Electrical Equip., Appliances, and Components	10.0	22.6	27.4	40.3	29.9	25.1	44.1	40.9	X
336	Transportation Equipment	10.7	13.6	19.5	28.6	18.1	15.6	27.5	30.5	82.6
336111	Automobiles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
3364	Aerospace Product and Parts	16.6	15.1	24.6	32.0	17.8	17.2	28.3	25.3	91.2
336411	Aircraft	52.8	33.5	37.2	32.2	32.2	35.9	32.9	23.5	X
337	Furniture and Related Products	8.4	18.8	18.1	45.2	20.5	35.9	56.4	35.4	X
339	Miscellaneous	6.5	17.5	15.1	49.4	21.4	25.9	39.1	37.8	98.8
	Total	2.1	3.6	4.0	8.4	4.7	4.7	9.6	7.9	22.9

(a) The Bureau of the Census classifies establishments using the 2012 North American Industry Classification System (NAICS).

(b) The 'Participation' column includes those units which reported any of the five listed policies that influenced energy consumption goals at anytime in 2014, plus those units where the policies that influenced energy consumption goals was not ascertained.

* 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.

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

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey.'