

Released: December 2025

Next MECS will be fielded in 2027

Table 8.6 Number of establishments by participation in programs dedicated to improving energy consumption, 2022

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	18,379	1,169	1,604	7,455	876	9,882
3112	Grain and Oilseed Milling	661	75	194	282	82	238
311221	Wet Corn Milling and Starch Manufacturing	55	10	19	27	8	13
31131	Sugar Manufacturing	64	25	25	42	3	17
3114	Fruit and Vegetable Preserving and Specialty Food	1,109	66	143	544	66	453
3115	Dairy Product Manufacturing	1,087	172	192	662	83	312
3116	Animal Slaughtering and Processing	2,022	140	308	693	167	1,066
312	Beverage and Tobacco Products	5,990	445	567	2,757	253	2,745
3121	Beverages	5,906	435	561	2,708	D	2,712
3122	Tobacco	84	10	7	50	D	33
313	Textile Mills	1,096	87	170	458	13	567
314	Textile Product Mills	3,638	3	46	640	D	2,993
315	Apparel	3,236	12	5	1,213	D	2,015
316	Leather and Allied Products	636	10	10	210	Q	306
321	Wood Products	9,957	324	726	3,791	355	5,665
321113	Sawmills	1,976	105	156	628	87	1,161
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	1,173	80	92	448	34	691
321219	Reconstituted Wood Products	119	17	17	50	9	62
3219	Other Wood Products	6,531	124	470	2,584	Q	3,682
322	Paper	3,057	390	167	1,570	341	1,211
322110	Pulp Mills	33	10	13	16	D	12
322120	Paper Mills	138	23	22	53	19	68
322130	Paperboard Mills	164	19	16	79	23	66
323	Printing and Related Support	12,389	577	565	5,553	Q	6,506
324	Petroleum and Coal Products	1,814	143	202	930	60	793
324110	Petroleum Refineries	131	23	24	91	15	32
324121	Asphalt Paving Mixture and Block	1,276	93	128	628	35	588
324122	Asphalt Shingle and Coating Materials	142	6	22	76	4	61
324191	Petroleum Lubricating Oil and Grease Manufacturing	215	22	24	109	0	88
324199	All Other Petroleum and Coal Products Manufacturing	50	0	3	26	5	23
325	Chemicals	10,044	893	1,035	4,809	533	4,666
325110	Petrochemicals	60	16	16	44	D	14
325120	Industrial Gases	612	118	125	127	133	450
325180	Other Basic Inorganic Chemical Manufacturing	587	33	41	312	26	232
325193	Ethyl Alcohol	207	27	19	109	6	87
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	62	0	5	18	10	31
325199	All Other Basic Organic Chemical Manufacturing	590	54	152	283	22	214
325211	Plastics Materials and Resins	1,037	36	93	593	18	429
325212	Synthetic Rubber	98	7	12	69	3	28
325220	Artificial and Synthetic Fibers and Filaments	88	11	19	46	3	39
325311	Nitrogenous Fertilizers	161	12	32	77	8	68
325312	Phosphatic Fertilizers	79	D	7	21	3	55
3254	Pharmaceuticals and Medicines	1,471	241	304	673	241	579
325412	Pharmaceutical Preparation	687	Q	143	230	Q	307
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	69	8	9	39	3	30
326	Plastics and Rubber Products	8,490	1,085	939	2,628	349	4,670
327	Nonmetallic Mineral Products	12,292	662	735	5,190	Q	6,561
327120	Clay Building Material and Refractories	364	28	43	170	10	166
327211	Flat Glass	93	5	7	72	0	21
327212	Other Pressed and Blown Glass and Glassware	156	D	8	62	10	55
327213	Glass Containers	54	6	6	30	0	17
327215	Glass Products from Purchased Glass	599	55	43	236	23	316
327310	Cements	159	32	17	79	4	63
327410	Lime	95	D	D	23	6	69

327420	Gypsum	126	17	21	71	D	55
327993	Mineral Wool	185	4	10	77	3	105
331	Primary Metals	2,679	228	359	1,245	242	1,187
331110	Iron and Steel Mills and Ferroalloys	165	23	62	93	23	51
3312	Steel Products from Purchased Steel	564	60	75	228	34	296
3313	Alumina and Aluminum Production and Processing	353	26	45	175	21	150
331314	Secondary Smelting and Alloying of Aluminum	90	9	7	46	7	34
331315	Aluminum Sheet, Plate and Foils	67	D	7	22	8	37
331318	Other Aluminum Rolling, Drawing and Extruding	182	12	21	98	6	74
3314	Nonferrous Metal (except Aluminum) Production and Processing	519	56	70	264	37	222
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	74	11	14	40	D	28
3315	Foundries	1,078	65	107	486	126	469
331511	Iron Foundries	259	12	35	114	34	109
331523	Nonferrous Metal Die-Casting Foundries	217	19	27	115	20	79
331524	Aluminum Foundries, except Die-Casting	247	15	21	104	33	126
332	Fabricated Metal Products	38,253	1,318	1,778	14,460	1,262	22,304
333	Machinery	14,061	1,007	1,256	6,333	833	6,871
334	Computer and Electronic Products	6,625	370	417	3,078	535	3,234
334413	Semiconductors and Related Devices	375	39	38	142	41	192
335	Electrical Equipment, Appliances, and Components	3,301	277	275	1,100	Q	1,924
336	Transportation Equipment	7,600	815	1,354	3,400	406	3,533
336110	Automobile and Light Duty Motor Vehicle Manufacturing	210	11	29	126	16	Q
3364	Aerospace Product and Parts	1,227	272	318	730	64	403
336411	Aircraft	286	Q	Q	Q	14	Q
337	Furniture and Related Products	8,523	933	Q	2,908	Q	4,883
339	Miscellaneous	13,055	825	526	3,898	Q	8,505
	Total	185,115	11,576	13,048	73,626	7,027	101,018

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 *establishments* column includes those units which reported any of the three listed programs for improving energy consumption at any time in 2022, 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 (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).

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RSE Table 8.6 Relative standard errors for Table 8.6

Unit: Percentage

		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	22.9	17.5	9.1	25.7	8.2
3112	Grain and Oilseed Milling	0.0	18.7	20.3	14.8	25.2	15.2
311221	Wet Corn Milling and Starch Manufacturing	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
3114	Fruit and Vegetable Preserving and Specialty Food	0.0	38.0	43.4	18.4	25.3	20.0
3115	Dairy Product Manufacturing	0.0	45.9	40.8	18.6	22.4	11.4
3116	Animal Slaughtering and Processing	0.0	27.7	22.7	10.9	31.5	12.3
312	Beverage and Tobacco Products	0.0	25.4	23.1	10.3	35.7	10.3
3121	Beverages	0.0	26.0	23.4	10.5	D	10.5
3122	Tobacco	0.0	0.0	0.0	0.0	D	0.0
313	Textile Mills	0.0	42.1	32.5	17.5	29.1	29.2
314	Textile Product Mills	0.0	0.0	42.0	47.7	D	24.5
315	Apparel	0.0	39.9	36.5	34.0	D	23.4
316	Leather and Allied Products	0.0	35.4	30.2	29.2	90.3	26.1
321	Wood Products	0.0	24.7	22.5	10.3	38.0	8.4
321113	Sawmills	0.0	39.4	15.4	12.7	45.5	10.7
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	0.0	47.4	42.4	15.7	13.0	14.8
321219	Reconstituted Wood Products	0.0	0.0	17.8	9.2	0.0	34.3
3219	Other Wood Products	0.0	46.2	33.3	14.4	56.7	12.2
322	Paper	0.0	30.8	24.3	17.6	38.2	16.2
322110	Pulp Mills	0.0	0.0	0.0	0.0	D	0.0
322120	Paper 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	34.6	31.7	12.2	70.3	11.4
324	Petroleum and Coal Products	0.0	9.1	11.5	4.2	7.7	5.1
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0
324121	Asphalt Paving Mixture and Block	0.0	10.0	17.8	5.2	13.2	6.4
324122	Asphalt Shingle and Coating Materials	0.0	0.0	7.3	21.1	0.0	15.4
324191	Petroleum Lubricating Oil and Grease Manufacturing	0.0	42.2	18.2	13.6	X	12.9
324199	All Other Petroleum and Coal Products Manufacturing	0.0	X	0.0	0.0	0.0	0.0
325	Chemicals	0.0	16.6	12.9	9.6	17.5	9.4
325110	Petrochemicals	0.0	0.0	0.0	0.0	D	0.0
325120	Industrial Gases	0.0	25.3	23.9	23.5	21.6	29.2
325180	Other Basic Inorganic Chemical Manufacturing	0.0	16.6	25.1	39.2	23.2	26.6
325193	Ethyl Alcohol	0.0	17.9	22.4	5.0	18.5	9.6
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	X	0.0	0.0	0.0	0.0
325199	All Other Basic Organic Chemical Manufacturing	0.0	41.1	41.2	15.2	20.0	23.4
325211	Plastics Materials and Resins	0.0	10.2	38.3	23.7	23.1	24.5
325212	Synthetic Rubber	0.0	0.0	0.0	42.6	0.0	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	15.0
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0
325312	Phosphatic Fertilizers	0.0	D	0.0	0.0	0.0	0.0
3254	Pharmaceuticals and Medicines	0.0	31.8	26.0	17.4	31.6	15.7
325412	Pharmaceutical Preparation	0.0	50.4	42.6	24.5	50.4	21.3
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0
326	Plastics and Rubber Products	0.0	23.3	24.1	13.3	37.2	10.0
327	Nonmetallic Mineral Products	0.0	30.3	27.7	11.7	50.7	10.8
327120	Clay Building Material and Refractories	0.0	12.2	11.7	19.8	5.2	20.6
327211	Flat Glass	0.0	0.0	0.0	4.6	X	8.7
327212	Other Pressed and Blown Glass and Glassware	0.0	D	7.2	21.6	31.3	27.9
327213	Glass Containers	0.0	0.0	0.0	1.9	X	0.0
327215	Glass Products from Purchased Glass	0.0	47.7	29.0	18.7	24.9	15.7
327310	Cements	0.0	37.1	20.2	12.6	12.0	41.2
327410	Lime	0.0	D	D	0.0	0.0	0.0
327420	Gypsum	0.0	1.7	1.4	6.2	D	22.7
327993	Mineral Wool	0.0	0.0	0.0	31.0	0.0	43.9
331	Primary Metals	0.0	10.0	6.9	5.1	11.6	5.0

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	35.2	28.8	13.1	22.4	11.0
3313	Alumina and Aluminum Production and Processing	0.0	4.4	5.8	2.2	0.0	12.5
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	0.0	0.0	0.0
331315	Aluminum Sheet, Plate and Foils	0.0	D	0.0	0.0	0.0	42.1
331318	Other Aluminum Rolling, Drawing and Extruding	0.0	9.8	12.3	3.8	0.0	13.7
3314	Nonferrous Metal (except Aluminum) Production and Processing	0.0	14.4	10.7	13.0	12.2	16.7
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	11.8	9.7	36.0	D	0.0
3315	Foundries	0.0	6.9	8.7	9.2	21.1	6.2
331511	Iron Foundries	0.0	5.6	13.5	13.8	43.4	13.4
331523	Nonferrous Metal Die-Casting Foundries	0.0	8.1	1.3	10.2	16.4	6.8
331524	Aluminum Foundries, except Die-Casting	0.0	14.7	34.0	14.8	41.1	12.1
332	Fabricated Metal Products	0.0	30.3	26.5	8.8	32.1	6.7
333	Machinery	0.0	25.7	23.2	10.3	32.3	9.1
334	Computer and Electronic Products	0.0	40.2	38.2	13.7	32.5	13.8
334413	Semiconductors and Related Devices	0.0	28.5	29.3	25.4	17.1	31.2
335	Electrical Equipment, Appliances, and Components	0.0	44.2	38.5	24.3	64.5	18.8
336	Transportation Equipment	0.0	26.6	21.0	12.6	38.4	13.8
336110	Automobile and Light Duty Motor Vehicle Manufacturing	0.0	0.0	0.0	36.4	16.4	60.8
3364	Aerospace Product and Parts	0.0	39.1	33.5	17.2	14.2	23.7
336411	Aircraft	0.0	85.7	80.7	54.5	24.1	68.5
337	Furniture and Related Products	0.0	29.7	50.5	15.3	99.0	11.9
339	Miscellaneous	0.0	32.3	41.5	13.9	65.5	9.2
	Total	0.0	7.4	6.7	3.0	9.9	2.7

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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^b The *establishments* column includes those units which reported any of the three listed programs for improving energy consumption at any time in 2022, 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 (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

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).