

Released: February 2018
 Next MECS will be fielded in 2019

Table 8.5 Number of Establishments by Management Decision-Making Process, 2014;

Level: National Data;
 Row: NAICS Codes;
 Column: Participation of Management Decision-Making Process;
 Unit: Establishment Counts.

NAICS Code(a)	Subsector and Industry	Management Decision-Making Process					Don't Know
		Establishments(b)	Energy Consumption Becoming Higher Priority for Establishment	Management Sometimes Supports Projects to Improve Energy Consumption	Energy Consumption are Rarely a Part of Management Decision- Making		
Total United States							
311	Food	13,690	5,588	4,334	2,286	1,482	
3112	Grain and Oilseed Milling	600	453	105	10	32	
311221	Wet Corn Milling	49	39	4	W	W	
31131	Sugar Manufacturing	71	41	20	W	W	
3114	Fruit and Vegetable Preserving and Specialty Food	985	558	313	95	20	
3115	Dairy Product	992	426	363	82	120	
3116	Animal Slaughtering and Processing	1,603	761	593	122	128	
312	Beverage and Tobacco Products	2,443	831	946	428	237	
3121	Beverages	2,369	801	919	W	W	
3122	Tobacco	74	30	27	W	W	
313	Textile Mills	1,355	586	472	267	30	
314	Textile Product Mills	4,277	730	1,046	2,043	Q	
315	Apparel	3,874	Q	1,497	1,695	Q	
316	Leather and Allied Products	466	W	153	218	W	
321	Wood Products	8,398	1,996	2,684	2,904	815	
321113	Sawmills	1,619	514	595	W	W	
3212	Veneer, Plywood, and Engineered Woods	973	236	355	275	107	
321219	Reconstituted Wood Products	154	87	W	W	0	
3219	Other Wood Products	5,558	1,189	1,590	2,219	560	
322	Paper	3,220	1,243	1,458	371	Q	
322110	Pulp Mills	28	22	6	0	0	
322121	Paper Mills, except Newsprint	165	134	17	W	W	
322122	Newsprint Mills	18	W	W	0	0	
322130	Paperboard Mills	147	123	18	W	W	
323	Printing and Related Support	14,005	2,556	5,354	4,899	1,197	
324	Petroleum and Coal Products	1,918	930	682	147	159	
324110	Petroleum Refineries	174	94	77	0	3	
324121	Asphalt Paving Mixture and Block	1,285	712	415	33	125	
324122	Asphalt Shingle and Coating Materials	162	63	81	15	3	
324199	Other Petroleum and Coal Products	86	20	48	W	W	
325	Chemicals	8,530	3,208	3,071	1,585	666	
325110	Petrochemicals	44	38	6	0	0	
325120	Industrial Gases	427	282	50	W	W	
325180	Other Basic Inorganic Chemicals	511	179	200	114	19	
325193	Ethyl Alcohol	211	165	29	4	13	
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	69	32	22	W	W	
325199	Other Basic Organic Chemicals	518	243	160	75	Q	
325211	Plastics Materials and Resins	844	403	248	147	4	
325212	Synthetic Rubber	85	31	44	7	4	
325220	Artificial and Synthetic Fibers and Filaments	89	53	24	W	W	
325311	Nitrogenous Fertilizers	133	66	Q	W	W	
325312	Phosphatic Fertilizers	57	15	21	W	W	
3254	Pharmaceuticals and Medicines	1,199	398	396	363	Q	
325412	Pharmaceutical Preparation	601	162	252	W	W	
325992	Photographic Film, Paper, Plate, and Chemicals	121	36	15	64	6	
326	Plastics and Rubber Products	8,217	2,979	3,783	933	522	
327	Nonmetallic Mineral Products	12,184	3,857	5,106	2,374	847	
327120	Clay Building Material and Refractories	446	254	136	42	15	
327211	Flat Glass	50	39	11	0	0	
327212	Other Pressed and Blown Glass and Glassware	194	78	49	63	3	
327213	Glass Containers	59	45	W	W	W	
327215	Glass Products from Purchased Glass	683	175	310	190	7	
327310	Cements	189	156	11	0	Q	
327410	Lime	83	60	6	W	W	
327420	Gypsum	122	81	15	W	W	
327993	Mineral Wool	186	70	107	W	W	
331	Primary Metals	3,138	1,253	1,267	420	198	
331110	Iron and Steel Mills and Ferroalloys	345	196	99	23	27	
3312	Steel Products from Purchased Steel	470	205	163	53	Q	
3313	Alumina and Aluminum	383	166	155	51	11	
331314	Secondary Smelting and Alloying of Aluminum	96	39	40	W	W	
331315	Aluminum Sheet, Plate and Foils	57	31	W	W	W	
331318	Other Aluminum Rolling, Drawing and Extruding	191	71	81	35	4	
3314	Nonferrous Metals, except Aluminum	662	253	219	145	Q	
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	108	64	26	11	7	
3315	Foundries	1,278	432	630	148	Q	
331511	Iron Foundries	320	103	156	Q	Q	
331523	Nonferrous Metal Die-Casting Foundries	254	101	111	Q	11	
331524	Aluminum Foundries, except Die-Casting	268	95	140	W	W	
332	Fabricated Metal Products	36,439	6,858	14,549	13,715	1,317	
333	Machinery	15,307	3,562	7,420	3,362	963	
334	Computer and Electronic Products	6,831	1,636	2,276	2,292	627	
334413	Semiconductors and Related Devices	388	111	116	105	56	
335	Electrical Equip., Appliances, and Components	3,298	W	1,088	1,069	W	
336	Transportation Equipment	6,603	1,815	3,320	1,036	432	
336111	Automobiles	44	35	W	W	W	
336112	Light Trucks and Utility Vehicles	37	26	W	0	W	
3364	Aerospace Product and Parts	1,063	276	462	204	121	
336411	Aircraft	293	77	104	71	Q	
337	Furniture and Related Products	7,913	1,549	2,858	3,059	448	
339	Miscellaneous	13,001	2,430	3,657	5,834	1,080	
	Total	175,107	45,264	67,020	50,937	11,887	

(a) The Bureau of the Census classifies establishments using the 2012 North American Industry Classification System (NAICS).
 (b) The 'Establishments' column includes those units which reported any of the three listed management decision-making processes in use anytime in 2014, plus those units where management decision-making processes were 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 8.5 Relative Standard Errors for Table 8.5;

Unit: Percents.

NAICS Code(a)	Subsector and Industry	Establishments(b)	Management Decision-Making Process			
			Energy Consumption Becoming Higher Priority for Establishment	Management Sometimes Supports Projects to Improve Energy Consumption	Energy Consumption are Rarely a Part of Management Decision- Making	Don't Know
Total United States						
311	Food	0.0	7.0	8.8	15.1	19.1
3112	Grain and Oilseed Milling	0.0	4.5	17.5	30.9	23.0
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	0.0
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	0.0	9.6	15.9	39.0	39.6
3115	Dairy Product	0.0	9.9	12.9	38.1	26.0
3116	Animal Slaughtering and Processing	0.0	8.8	11.4	39.8	37.6
312	Beverage and Tobacco Products	0.0	11.4	11.7	22.4	27.6
3121	Beverages	0.0	11.9	12.0	23.1	28.2
3122	Tobacco	0.0	0.0	0.0	0.0	0.0
313	Textile Mills	0.0	14.1	17.0	27.3	42.2
314	Textile Product Mills	0.0	41.6	33.5	21.2	60.2
315	Apparel	0.0	52.7	32.9	30.4	72.8
316	Leather and Allied Products	0.0	18.9	21.2	17.9	46.4
321	Wood Products	0.0	10.5	8.7	9.5	21.7
321113	Sawmills	0.0	7.9	8.5	15.1	23.0
3212	Veneer, Plywood, and Engineered Woods	0.0	17.4	13.6	21.3	42.3
321219	Reconstituted Wood Products	0.0	16.9	23.3	15.5	X
3219	Other Wood Products	0.0	16.8	13.8	11.8	30.0
322	Paper	0.0	14.4	13.7	37.2	62.0
322110	Pulp Mills	0.0	0.0	0.0	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0
322122	Newsprint Mills	0.0	0.0	0.0	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0
323	Printing and Related Support	0.0	15.4	9.6	10.4	25.3
324	Petroleum and Coal Products	0.0	4.7	6.8	19.0	20.6
324110	Petroleum Refineries	0.0	26.5	33.6	X	26.6
324121	Asphalt Paving Mixture and Block	0.0	4.5	7.9	27.0	19.3
324122	Asphalt Shingle and Coating Materials	0.0	8.6	7.1	32.3	4.0
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	0.0
325	Chemicals	0.0	7.8	8.9	14.0	25.2
325110	Petrochemicals	0.0	3.3	20.3	X	X
325120	Industrial Gases	0.0	9.4	30.1	35.7	23.4
325180	Other Basic Inorganic Chemicals	0.0	17.9	20.3	32.3	27.2
325193	Ethyl Alcohol	0.0	2.8	10.8	7.0	18.3
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	0.0	0.0
325199	Other Basic Organic Chemicals	0.0	14.8	19.3	47.1	68.4
325211	Plastics Materials and Resins	0.0	11.1	16.4	23.5	50.5
325212	Synthetic Rubber	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
325311	Nitrogenous Fertilizers	0.0	47.1	50.9	25.2	25.2
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	0.0
3254	Pharmaceuticals and Medicines	0.0	14.0	14.4	21.2	54.2
325412	Pharmaceutical Preparation	0.0	15.5	16.2	32.7	66.3
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	27.0	21.8	21.7	21.8
326	Plastics and Rubber Products	0.0	11.3	9.3	24.5	34.2
327	Nonmetallic Mineral Products	0.0	10.9	9.1	16.2	28.3
327120	Clay Building Material and Refractories	0.0	7.8	12.2	41.4	20.0
327211	Flat Glass	0.0	0.0	0.0	X	X
327212	Other Pressed and Blown Glass and Glassware	0.0	33.6	27.8	48.8	20.5
327213	Glass Containers	0.0	0.0	0.0	0.0	0.0
327215	Glass Products from Purchased Glass	0.0	19.5	14.1	22.0	10.3
327310	Cements	0.0	9.3	29.2	X	59.6
327410	Lime	0.0	0.0	0.0	0.0	0.0
327420	Gypsum	0.0	18.4	43.1	65.5	60.5
327993	Mineral Wool	0.0	28.4	19.6	20.8	20.8
331	Primary Metals	0.0	4.6	5.4	15.7	25.6
331110	Iron and Steel Mills and Ferroalloys	0.0	2.4	3.2	3.2	3.2
3312	Steel Products from Purchased Steel	0.0	15.2	15.4	43.9	50.2
3313	Alumina and Aluminum	0.0	5.7	8.2	32.4	6.6
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	0.0	0.0
331315	Aluminum Sheet, Plate and Foils	0.0	14.4	17.1	17.1	17.1
331318	Other Aluminum Rolling, Drawing and Extruding	0.0	11.7	15.1	47.4	9.3
3314	Nonferrous Metals, except Aluminum	0.0	11.5	15.3	24.5	57.7
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	18.1	26.2	26.2	26.2
3315	Foundries	0.0	8.6	8.4	32.1	53.6
331511	Iron Foundries	0.0	18.7	19.4	55.8	80.1
331523	Nonferrous Metal Die-Casting Foundries	0.0	13.9	12.3	58.7	37.8
331524	Aluminum Foundries, except Die-Casting	0.0	9.7	9.0	50.5	7.7
332	Fabricated Metal Products	0.0	13.3	8.0	8.5	33.7
333	Machinery	0.0	11.8	6.8	12.6	26.0
334	Computer and Electronic Products	0.0	16.8	14.3	14.2	32.1
334413	Semiconductors and Related Devices	0.0	23.1	31.5	45.3	40.5
335	Electrical Equip., Appliances, and Components	0.0	18.4	18.9	19.7	77.0
336	Transportation Equipment	0.0	15.3	10.0	23.6	39.9
336111	Automobiles	0.0	0.0	0.0	0.0	0.0
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0	X	0.0
3364	Aerospace Product and Parts	0.0	15.8	14.1	27.5	44.1
336411	Aircraft	0.0	35.9	36.3	44.3	74.3
337	Furniture and Related Products	0.0	18.9	12.8	12.4	40.8
339	Miscellaneous	0.0	16.5	12.9	9.1	27.8
	Total	0.0	3.4	2.8	3.6	7.9

(a) The Bureau of the Census classifies establishments using the 2012 North American Industry Classification System (NAICS).
 (b) The 'Establishments' column includes those units which reported any of the three listed management decision-making processes in use anytime in 2014, plus those units where management decision-making processes were not ascertained.
 * Estimate less than 0.5.
 W=Withheld to avoid disclosing data for individual establishments.
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 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.'