

Table 8.7 Number of Establishments by Simple Payback Period, 2014;

Level: National Data;
 Row: NAICS Codes;
 Column: Company Policy for a Simple Payback Period;
 Unit: Establishment Counts.

NAICS Code(a)	Subsector and Industry	Establishments(b)	Maximum Simple Payback Period						No Such Requirement	Don't Know
			Less than 1 year	1 to 2 years	2 to 3 years	3 to 4 years	Greater than 4 years			
Total United States										
311	Food	13,690	532	1,691	2,038	1,480	566	3,620	3,762	
3112	Grain and Oilseed Milling	600	0	67	128	122	74	78	132	
311221	Wet Corn Milling	49	0	11	13	15	0	W	W	
31131	Table	71	0	13	14	6	13	10	15	
3114	Fruit and Vegetable Preserving and Specialty Food	985	27	198	196	135	Q	228	157	
3115	Dairy Product	992	Q	213	190	84	98	131	238	
3116	Animal Slaughtering and Processing	1,603	126	273	331	111	93	273	397	
312	Beverage and Tobacco Products	2,443	W	133	229	292	W	969	684	
3121	Beverages	2,369	W	128	214	280	W	949	667	
3122	Tobacco	74	0	5	15	11	6	20	17	
313	Textile Mills	1,355	Q	241	311	109	Q	429	154	
314	Textile Product Mills	4,277	W	Q	164	Q	W	2,605	894	
315	Apparel	3,874	W	Q	Q	0	W	1,991	1,375	
316	Leather and Allied Products	466	Q	43	50	34	0	252	52	
321	Wood Products	8,398	251	948	1,052	355	229	2,714	2,849	
321113	Sawmills	1,619	W	209	186	85	W	537	536	
3212	Veneer, Plywood, and Engineered Woods	973	Q	95	105	22	35	331	330	
321219	Reconstituted Wood Products	154	W	31	47	8	W	45	13	
3219	Other Wood Products	5,558	174	638	749	220	Q	1,805	1,828	
322	Paper	3,220	Q	340	645	313	409	689	712	
322110	Pulp Mills	28	W	W	12	W	W	W	W	
322121	Paper Mills, except Newsprint	165	11	42	44	W	W	33	27	
322122	Newsprint Mills	18	W	8	W	0	0	0	W	
322130	Paperboard Mills	147	8	34	29	11	6	30	30	
323	Printing and Related Support	14,005	369	1,079	1,774	750	625	4,826	4,583	
324	Petroleum and Coal Products	1,918	32	310	274	178	235	328	560	
324110	Petroleum Refineries	174	8	72	12	19	19	17	27	
324121	Asphalt Paving Mixture and Block	1,285	9	162	201	136	195	217	364	
324122	Asphalt Shingle and Coating Materials	162	W	43	40	W	W	22	42	
324199	Other Petroleum and Coal Products	86	W	18	10	W	W	20	25	
325	Chemicals	8,530	227	1,456	1,409	824	371	1,966	2,277	
325110	Petrochemicals	44	W	5	4	W	0	7	24	
325120	Industrial Gases	427	W	Q	W	W	Q	107	173	
325180	Other Basic Inorganic Chemicals	511	Q	128	91	Q	11	100	114	
325193	Ethyl Alcohol	211	7	55	49	26	7	37	30	
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	69	W	9	15	6	W	25	11	
325199	Other Basic Organic Chemicals	518	17	100	155	85	32	43	86	
325211	Plastics Materials and Resins	844	Q	168	164	80	15	165	184	
325212	Synthetic Rubber	85	6	19	21	9	0	12	18	
325220	Artificial and Synthetic Fibers and Filaments	89	W	14	21	18	W	10	19	
325311	Nitrogenous Fertilizers	133	W	Q	7	W	12	11	Q	
325312	Phosphatic Fertilizers	57	0	W	W	W	15	7	27	
3254	Pharmaceuticals and Medicines	1,199	26	122	235	109	35	280	392	
325412	Pharmaceutical Preparation	601	W	77	125	37	W	303	229	
325992	Photographic Film, Paper, Plate, and Chemicals	121	3	29	9	5	0	24	51	
326	Plastics and Rubber Products	8,217	629	1,652	1,478	534	Q	1,524	2,286	
327	Nonmetallic Mineral Products	12,184	86	993	1,625	1,159	363	4,452	3,506	
327120	Clay Building Material and Refractories	446	6	73	122	51	23	94	77	
327211	Flat Glass	50	W	10	11	W	W	W	W	
327212	Other Pressed and Blown Glass and Glassware	194	W	18	16	Q	W	78	68	
327213	Glass Containers	59	W	42	4	0	W	W	W	
327215	Glass Products from Purchased Glass	683	Q	60	109	30	18	267	162	
327310	Cements	189	10	18	21	Q	10	Q	77	
327410	Lime	83	W	6	23	W	W	23	13	
327420	Gypsum	122	W	9	34	W	0	51	14	
327993	Mineral Wool	186	W	22	27	7	W	64	47	
331	Primary Metals	3,138	75	642	517	204	111	795	794	
331110	Iron and Steel Mills and Ferroalloys	345	20	73	51	31	18	47	105	
3312	Steel Products from Purchased Steel	470	W	66	73	47	W	87	177	
3313	Alumina and Aluminum	383	W	88	66	21	W	114	70	
331314	Secondary Smelting and Alloying of Aluminum	96	0	18	17	W	W	W	14	
331315	Aluminum Sheet, Plate and Foils	57	0	20	11	W	0	W	13	
331318	Other Aluminum Rolling, Drawing and Extruding	191	W	43	33	10	W	64	31	
3314	Nonferrous Metals, except Aluminum	662	15	141	88	22	11	204	181	
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	108	W	12	9	W	W	56	22	
3315	Foundries	1,278	20	275	238	84	58	343	261	
331511	Iron Foundries	320	4	103	47	20	19	31	96	
331523	Nonferrous Metal Die-Casting Foundries	254	5	42	49	21	7	84	45	
331524	Aluminum Foundries, except Die-Casting	268	W	56	45	16	W	72	60	
332	Fabricated Metal Products	36,439	Q	1,924	4,671	1,629	1,888	15,767	10,141	
333	Machinery	15,307	492	1,601	1,796	1,260	865	4,964	4,329	
334	Computer and Electronic Products	6,831	Q	918	922	247	Q	2,195	2,197	
334413	Semiconductors and Related Devices	388	Q	50	25	9	9	119	118	
335	Electrical Equip., Appliances, and Components	3,298	Q	534	377	Q	Q	881	1,066	
336	Transportation Equipment	6,603	556	1,103	1,136	136	Q	1,695	1,935	
336111	Automobiles	44	10	6	20	0	W	W	W	
336112	Light Trucks and Utility Vehicles	37	0	17	4	W	0	W	8	
3364	Aerospace Product and Parts	1,063	Q	202	177	53	10	214	394	
336411	Aircraft	293	W	52	18	W	0	94	120	
337	Furniture and Related Products	7,913	273	465	630	Q	Q	3,424	2,713	
339	Miscellaneous	13,001	Q	1,007	987	405	464	5,949	3,877	
	Total	175,107	4,876	17,782	22,189	10,378	7,099	62,036	50,746	

(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 five listed maximum simple payback periods at anytime in 2014, plus those units where the maximum simple payback period 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.'

Released: February 2018

Next MECS will be fielded in 2019

RSE Table 8.7 Relative Standard Errors for Table 8.7;

Unit: Percents.

NAICS Code(a)	Subsector and Industry	Establishments(b)	Maximum Simple Payback Period					No Such Requirement	Don't Know
			Less than 1 year	1 to 2 years	2 to 3 years	3 to 4 years	Greater than 4 years		
Total United States									
311	Food	0.0	29.9	13.3	13.1	17.2	25.8	10.6	10.2
3112	Grain and Oilseed Milling	0.0	X	26.4	20.0	15.9	36.2	24.2	20.6
311221	Wet Corn Milling	0.0	X	0.0	0.0	0.0	X	0.0	0.0
31131	Sugar Manufacturing	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	0.0	45.8	21.2	18.8	24.7	60.0	22.7	24.4
3115	Dairy Product	0.0	52.6	16.0	15.9	20.7	27.1	30.3	17.3
3116	Animal Slaughtering and Processing	0.0	17.9	14.1	16.0	35.7	37.2	21.5	16.1
312	Beverage and Tobacco Products	0.0	7.0	29.8	24.2	17.7	40.0	11.5	14.6
3121	Beverages	0.0	7.0	30.9	25.9	18.5	41.7	11.8	14.9
3122	Tobacco	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
313	Textile Mills	0.0	56.3	21.5	24.1	34.2	77.4	19.6	28.8
314	Textile Product Mills	0.0	51.0	54.1	49.5	59.6	71.0	15.7	38.7
315	Apparel	0.0	94.1	66.1	57.3	X	86.5	25.4	35.5
316	Leather and Allied Products	0.0	69.7	21.7	28.2	32.5	X	14.6	39.2
321	Wood Products	0.0	35.8	16.7	16.5	17.5	36.5	9.7	9.1
321113	Sawmills	0.0	9.9	19.2	15.3	17.3	21.9	9.4	9.6
3212	Veneer, Plywood, and Engineered Woods	0.0	55.4	25.5	22.8	15.5	28.3	17.1	16.6
321219	Reconstituted Wood Products	0.0	19.8	25.6	38.3	16.4	15.5	21.3	25.1
3219	Other Wood Products	0.0	48.6	23.7	22.6	26.9	57.0	13.9	13.6
322	Paper	0.0	69.6	21.7	24.5	41.5	35.4	24.8	23.1
322110	Pulp Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
322122	Newsprint Mills	0.0	0.0	0.0	0.0	X	X	X	0.0
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
323	Printing and Related Support	0.0	46.4	23.5	19.4	32.3	34.0	10.5	10.9
324	Petroleum and Coal Products	0.0	15.8	10.7	7.4	19.8	9.2	8.4	6.9
324110	Petroleum Refineries	0.0	26.6	37.5	26.6	26.6	26.6	26.6	36.3
324121	Asphalt Paving Mixture and Block	0.0	17.9	11.0	9.4	24.9	10.2	9.4	7.3
324122	Asphalt Shingle and Coating Materials	0.0	4.0	9.2	14.4	4.0	4.0	16.5	14.2
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325	Chemicals	0.0	29.8	14.1	13.0	20.6	33.5	12.7	10.9
325110	Petrochemicals	0.0	20.3	20.3	20.3	20.3	X	20.3	17.4
325120	Industrial Gases	0.0	13.7	56.4	16.4	47.0	59.6	37.6	17.5
325180	Other Basic Inorganic Chemicals	0.0	57.6	27.2	29.4	53.7	45.9	28.3	30.6
325193	Ethyl Alcohol	0.0	18.4	10.2	15.4	31.6	24.1	30.0	11.5
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
325199	Other Basic Organic Chemicals	0.0	29.1	33.8	22.1	34.7	30.1	22.7	31.7
325211	Plastics Materials and Resins	0.0	55.8	19.5	20.6	33.4	22.4	20.5	20.0
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	X	0.0	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325311	Nitrogenous Fertilizers	0.0	25.2	63.4	25.2	25.2	28.2	25.2	65.0
325312	Phosphatic Fertilizers	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
3254	Pharmaceuticals and Medicines	0.0	39.8	22.0	24.0	29.4	16.8	21.2	17.0
325412	Pharmaceutical Preparation	0.0	42.7	29.4	30.7	20.8	21.1	24.0	19.8
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	21.8	31.3	21.8	21.8	X	42.1	33.8
326	Plastics and Rubber Products	0.0	29.0	16.5	18.4	33.3	68.4	18.4	14.0
327	Nonmetallic Mineral Products	0.0	30.7	23.9	19.0	24.2	40.9	10.3	12.1
327120	Clay Building Material and Refractories	0.0	8.0	13.6	16.0	40.6	9.7	13.3	17.7
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327212	Other Pressed and Blown Glass and Glassware	0.0	31.4	25.7	25.8	64.6	20.5	38.1	38.6
327213	Glass Containers	0.0	0.0	0.0	0.0	X	0.0	0.0	0.0
327215	Glass Products from Purchased Glass	0.0	57.8	15.7	25.0	34.2	21.1	17.1	23.8
327310	Cements	0.0	29.2	29.2	30.9	61.5	29.3	57.4	42.0
327410	Lime	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327420	Gypsum	0.0	16.0	16.0	28.7	51.7	X	27.0	16.0
327993	Mineral Wool	0.0	83.9	34.2	25.6	20.8	20.8	44.0	30.9
331	Primary Metals	0.0	6.7	8.4	8.1	9.6	10.0	8.1	8.2
331110	Iron and Steel Mills and Ferroalloys	0.0	3.2	3.2	3.2	3.2	3.2	3.2	7.3
3312	Steel Products from Purchased Steel	0.0	41.9	20.5	22.5	30.5	43.0	22.9	20.0
3313	Alumina and Aluminum	0.0	3.6	9.6	6.6	5.1	21.1	11.0	10.7
331314	Secondary Smelting and Alloying of Aluminum	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
331315	Aluminum Sheet, Plate and Foils	0.0	X	32.4	17.1	17.1	X	17.1	17.1
331318	Other Aluminum Rolling, Drawing and Extruding	0.0	9.3	13.0	11.8	9.3	42.5	19.2	23.3
3314	Nonferrous Metals, except Aluminum	0.0	30.8	20.0	15.3	20.9	39.0	18.0	19.9
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	26.2	26.2	26.2	26.2	26.2	24.5	26.2
3315	Foundries	0.0	7.3	15.6	15.0	14.9	12.5	13.8	15.4
331511	Iron Foundries	0.0	16.7	29.1	22.4	22.4	21.5	26.6	35.0
331523	Nonferrous Metal Die-Casting Foundries	0.0	9.1	13.8	25.6	26.9	33.7	20.1	20.3
331524	Aluminum Foundries, except Die-Casting	0.0	7.7	20.2	14.6	21.2	20.5	19.2	12.3
332	Fabricated Metal Products	0.0	59.6	26.0	16.7	28.9	27.7	7.5	10.6
333	Machinery	0.0	34.5	18.8	17.9	22.2	27.2	9.7	10.6
334	Computer and Electronic Products	0.0	54.2	24.3	24.9	42.3	57.9	14.8	14.7
334413	Semiconductors and Related Devices	0.0	56.7	21.1	18.7	18.4	18.4	35.1	31.1
335	Electrical Equip., Appliances, and Components	0.0	55.3	25.4	35.2	51.9	58.1	23.0	19.6
336	Transportation Equipment	0.0	33.4	19.1	21.2	30.5	53.8	18.4	16.0
336111	Automobiles	0.0	0.0	0.0	0.0	X	0.0	0.0	0.0
336112	Light Trucks and Utility Vehicles	0.0	X	0.0	0.0	0.0	X	0.0	0.0
3364	Aerospace Product and Parts	0.0	50.5	24.3	20.1	30.0	46.1	24.7	17.7
336411	Aircraft	0.0	23.5	47.0	32.0	48.7	X	40.3	31.9
337	Furniture and Related Products	0.0	47.3	33.5	29.7	54.5	65.2	11.2	13.5
339	Miscellaneous	0.0	52.1	25.6	26.7	43.7	41.4	8.9	12.5
	Total	0.0	11.2	5.5	5.4	7.8	10.5	3.1	3.5

(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 five listed maximum simple payback periods at anytime in 2014, plus those units where the maximum simple payback period 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.'