

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

Table 7.10 Expenditures for Purchased Electricity, Natural Gas, and Steam, 2018;

Level: National and Regional Data;
Row: NAICS Codes;
Column: Supplier Sources of Purchased Electricity, Natural Gas, and Steam;
Unit: Million U.S. Dollars.

NAICS Code(a)	Subsector and Industry	Electricity			Natural Gas			Steam		
		Electricity Total	Electricity from Local Utility(b)	Electricity from Sources Other than Local Utility(c)	Natural Gas Total	Natural Gas from Local Utility(b)	Natural Gas from Sources Other than Local Utility(c)	Steam Total	Steam from Local Utility(b)	Steam from Sources Other than Local Utility(c)
Total United States										
311	Food	7,005	5,369	1,637	2,843	781	2,062	139	34	105
3112	Grain and Oilseed Milling	900	703	197	586	120	466	119	28	91
311221	Wet Corn Milling	323	231	92	220	21	199	93	12	81
31131	Sugar Manufacturing	87	64	23	127	36	90	3	0	3
3114	Fruit and Vegetable Preserving and Specialty Food	821	653	168	405	118	286	1	*	1
3115	Dairy Product	899	627	272	365	90	275	5	3	2
3116	Animal Slaughtering and Processing	2,313	1,839	474	611	175	436	11	3	8
312	Beverage and Tobacco Products	1,316	1,101	216	269	130	139	1	1	0
3121	Beverages	1,260	1,062	198	247	114	133	1	1	0
3122	Tobacco	56	38	18	22	16	6	0	0	0
313	Textile Mills	657	356	300	111	55	56	8	Q	7
314	Textile Product Mills	197	169	28	63	40	23	0	0	0
315	Apparel	72	45	26	12	5	7	0	0	0
316	Leather and Allied Products	23	16	8	7	1	6	0	0	0
321	Wood Products	1,758	1,193	565	299	112	187	10	3	7
321113	Sawmills	675	434	241	72	18	54	7	2	5
3212	Veneer, Plywood, and Engineered Woods	452	301	151	127	41	87	2	1	1
321219	Reconstituted Wood Products	261	143	118	81	27	54	1	0	1
3219	Other Wood Products	591	423	168	84	45	39	Q	0	Q
322	Paper	3,378	2,502	876	2,282	487	1,795	155	24	132
322110	Pulp Mills	124	85	40	174	0	0	2	0	2
322121	Paper Mills, except Newsprint	999	641	358	867	153	714	57	0	57
322122	Newsprint Mills	219	219	0	18	*	18	0	0	0
322130	Paperboard Mills	992	847	146	892	194	699	96	24	72
323	Printing and Related Support	947	693	254	133	51	82	0	0	0
324	Petroleum and Coal Products	2,968	1,971	997	4,182	978	3,205	769	105	663
324110	Petroleum Refineries	2,596	1,720	875	3,823	876	2,946	761	105	656
324121	Asphalt Paving Mixture and Block	163	106	57	189	53	136	0	0	0
324122	Asphalt Shingle and Coating Materials	79	57	22	62	19	43	0	0	0
324191	Petroleum Lubricating Oil and Grease Products	90	63	28	73	14	59	2	0	2
324199	Other Petroleum and Coal Products	40	25	15	35	15	20	5	0	5
325	Chemicals	8,933	5,879	3,054	11,420	942	10,478	1,506	227	1,278
325110	Petrochemicals	341	146	195	986	3	984	222	27	195
325120	Industrial Gases	1,202	957	246	791	5	786	9	0	9
325180	Other Basic Inorganic Chemicals	1,350	879	471	925	55	870	207	27	180
325193	Ethyl Alcohol	682	549	134	1,213	173	1,041	44	20	25
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	148	73	75	439	10	429	91	2	88
325199	Other Basic Organic Chemicals	1,067	605	462	2,101	302	1,799	394	18	376
325211	Plastics Materials and Resins	1,252	771	481	1,584	72	1,512	353	76	277
325212	Synthetic Rubber	100	66	34	70	9	60	57	0	57
325220	Artificial and Synthetic Fibers and Filaments	156	105	51	95	16	80	0	0	0
325311	Nitrogenous Fertilizers	285	259	26	2,119	15	2,104	4	0	4
325312	Phosphatic Fertilizers	124	D	D	D	1	D	0	0	0
3254	Pharmaceuticals and Medicines	908	520	388	328	87	241	25	20	5
325412	Pharmaceutical Preparation	517	298	219	182	49	133	17	14	2
325992	Photographic Film, Paper, Plate, and Chemicals	65	23	42	13	4	9	D	0	D
326	Plastics and Rubber Products	3,848	2,759	1,089	432	227	205	0	0	0
327	Nonmetallic Mineral Products	2,603	1,736	867	1,396	336	1,059	Q	0	Q
327120	Clay Building Material and Refractories	131	87	44	139	34	105	0	0	0
327211	Flat Glass	84	54	31	149	12	137	0	0	0
327212	Other Pressed and Blown Glass and Glassware	122	48	75	88	38	50	0	0	0
327213	Glass Containers	232	161	71	163	12	150	0	0	0
327215	Glass Products from Purchased Glass	278	188	90	43	11	32	0	0	0
327310	Cements	640	437	204	202	41	161	0	0	0
327410	Lime	96	84	12	65	30	35	0	0	0
327420	Gypsum	115	66	49	206	35	171	0	0	0
327993	Mineral Wool	198	117	80	86	27	59	*	0	*
331	Primary Metals	6,034	3,360	2,674	2,432	471	1,961	35	0	35
331110	Iron and Steel Mills and Ferroalloys	2,783	1,803	979	1,521	287	1,234	35	0	35
3312	Steel Products from Purchased Steel	455	257	198	100	37	63	0	0	0
3313	Alumina and Aluminum	1,261	419	842	441	58	383	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	90	77	12	70	15	55	0	0	0
331315	Aluminum Sheet, Plate and Foils	284	108	177	183	28	155	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	144	94	50	73	13	60	0	0	0
3314	Nonferrous Metals, except Aluminum	732	363	369	169	44	125	1	0	1
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	369	141	228	58	5	53	0	0	0
3315	Foundries	804	518	286	201	45	156	0	0	0
331511	Iron Foundries	368	237	131	60	11	49	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	158	84	74	64	17	47	0	0	0
331524	Aluminum Foundries, except Die-Casting	65	50	15	27	7	19	0	0	0
332	Fabricated Metal Products	3,243	2,615	628	623	232	391	Q	0	Q
333	Machinery	2,412	1,226	1,185	338	174	164	0	0	0
334	Computer and Electronic Products	1,801	1,072	729	198	92	107	4	2	Q
334413	Semiconductors and Related Devices	739	491	248	68	22	46	2	2	0
335	Electrical Equip., Appliances, and Components	848	585	263	186	59	127	Q	0	Q
336	Transportation Equipment	4,014	3,195	819	792	194	598	13	4	10
336111	Automobiles	280	233	47	91	10	80	8	3	5
336112	Light Trucks and Utility Vehicles	279	245	34	99	25	74	0	0	0
3364	Aerospace Product and Parts	850	636	214	146	48	98	*	*	0
336411	Aircraft	267	238	29	35	11	23	0	0	0
337	Furniture and Related Products	468	325	143	92	43	49	0	0	0
339	Miscellaneous	879	588	291	133	87	46	4	0	4
	Total	53,405	36,756	16,648	28,246	5,498	22,748	2,713	400	2,312
Northeast Census Region										
311	Food	699	391	307	261	49	211	*	*	*
3112	Grain and Oilseed Milling	30	16	15	11	*	10	0	0	0
311221	Wet Corn Milling	2	1	1	1	0	1	0	0	0
31131	Sugar Manufacturing	1	*	*	7	*	7	0	0	0

3114	Fruit and Vegetable Preserving and Specialty Food	75	44	31	45	12	32	*	*	0
3115	Dairy Product	122	55	67	53	14	39	*	0	*
3116	Animal Slaughtering and Processing	82	37	46	34	11	23	0	0	0
312	Beverage and Tobacco Products	149	103	46	36	10	26	0	0	0
3121	Beverages	146	101	45	33	9	24	0	0	0
3122	Tobacco	3	2	1	4	2	2	0	0	0
313	Textile Mills	51	27	24	25	6	19	0	0	0
314	Textile Product Mills	24	15	Q	7	Q	5	0	0	0
315	Apparel	18	12	6	4	Q	3	0	0	0
316	Leather and Allied Products	6	3	3	2	*	2	0	0	0
321	Wood Products	138	73	65	19	2	17	0	0	0
321113	Sawmills	40	17	23	1	*	1	0	0	0
3212	Veneer, Plywood, and Engineered Woods	21	11	10	6	*	6	0	0	0
321219	Reconstituted Wood Products	14	8	7	6	*	6	0	0	0
3219	Other Wood Products	75	44	31	11	1	9	0	0	0
322	Paper	395	151	244	383	63	320	37	0	37
322110	Pulp Mills	D	1	D	D	0	D	0	0	0
322121	Paper Mills, except Newsprint	141	32	109	218	36	182	D	0	D
322122	Newsprint Mills	0	0	0	0	0	0	0	0	0
322130	Paperboard Mills	D	57	D	D	23	D	D	0	D
323	Printing and Related Support	167	75	92	21	5	16	0	0	0
324	Petroleum and Coal Products	175	112	63	196	21	175	43	0	43
324110	Petroleum Refineries	120	76	44	133	0	133	D	0	D
324121	Asphalt Paving Mixture and Block	36	21	15	45	13	32	0	0	0
324122	Asphalt Shingle and Coating Materials	9	8	*	9	5	3	0	0	0
324191	Petroleum Lubricating Oil and Grease Products	5	3	2	2	2	*	D	0	D
324199	Other Petroleum and Coal Products	6	4	2	7	*	7	0	0	0
325	Chemicals	803	417	386	485	115	370	88	7	81
325110	Petrochemicals	2	2	*	1	*	1	0	0	0
325120	Industrial Gases	123	54	69	11	Q	7	5	0	5
325180	Other Basic Inorganic Chemicals	65	50	15	25	7	19	10	0	10
325193	Ethyl Alcohol	8	8	6	22	*	22	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	8	8	0	19	0	19	0	0	0
325199	Other Basic Organic Chemicals	95	64	32	169	31	137	15	2	13
325211	Plastics Materials and Resins	74	32	42	23	6	17	17	3	15
325212	Synthetic Rubber	2	1	2	1	*	1	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	4	3	1	1	*	*	0	0	0
325311	Nitrogenous Fertilizers	3	1	3	4	*	4	0	0	0
325312	Phosphatic Fertilizers	*	*	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	251	122	129	114	32	82	5	2	3
325412	Pharmaceutical Preparation	146	90	56	46	25	20	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	31	1	31	5	1	4	D	0	D
326	Plastics and Rubber Products	406	164	243	61	Q	24	0	0	0
327	Nonmetallic Mineral Products	269	108	161	222	54	168	Q	0	Q
327120	Clay Building Material and Refractories	15	10	5	13	4	8	0	0	0
327211	Flat Glass	7	1	6	16	*	16	0	0	0
327212	Other Pressed and Blown Glass and Glassware	27	4	23	17	*	16	0	0	0
327213	Glass Containers	30	5	25	25	2	23	0	0	0
327215	Glass Products from Purchased Glass	28	17	12	12	1	10	0	0	0
327310	Cements	45	32	13	56	14	42	0	0	0
327410	Lime	4	4	1	9	9	*	0	0	0
327420	Gypsum	14	D	D	24	D	D	0	0	0
327993	Mineral Wool	8	5	3	10	*	10	0	0	0
331	Primary Metals	710	342	368	293	69	224	0	0	0
331110	Iron and Steel Mills and Ferroalloys	339	141	197	154	53	101	0	0	0
3312	Steel Products from Purchased Steel	35	18	17	10	5	5	0	0	0
3313	Alumina and Aluminum	145	105	40	75	1	74	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	2	1	1	2	1	*	0	0	0
331315	Aluminum Sheet, Plate and Foils	32	0	32	22	0	22	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	17	10	8	16	*	16	0	0	0
3314	Nonferrous Metals, except Aluminum	110	48	62	32	7	25	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	9	D	D	1	1	*	0	0	0
3315	Foundries	82	30	52	22	3	20	0	0	0
331511	Iron Foundries	32	8	23	6	1	6	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	9	2	6	4	1	3	0	0	0
331524	Aluminum Foundries, except Die-Casting	8	4	5	3	*	2	0	0	0
332	Fabricated Metal Products	572	459	112	138	Q	89	0	0	0
333	Machinery	211	107	104	36	9	27	0	0	0
334	Computer and Electronic Products	435	154	281	63	26	36	4	2	Q
334413	Semiconductors and Related Devices	88	30	58	15	1	13	2	2	0
335	Electrical Equip., Appliances, and Components	130	23	108	32	6	25	0	0	0
336	Transportation Equipment	357	Q	115	95	17	79	0	0	0
336111	Automobiles	*	0	*	*	*	*	0	0	0
336112	Light Trucks and Utility Vehicles	*	*	*	*	*	0	0	0	0
3364	Aerospace Product and Parts	106	49	57	42	13	29	0	0	0
336411	Aircraft	25	15	11	5	*	5	0	0	0
337	Furniture and Related Products	64	46	18	15	6	9	0	0	0
339	Miscellaneous	195	80	114	40	29	11	0	0	0
	Total	5,976	3,105	2,870	2,433	577	1,856	201	8	193

Midwest Census Region

311	Food	2,403	1,868	535	1,193	274	919	120	27	93
3112	Grain and Oilseed Milling	619	475	144	457	90	366	114	23	91
311221	Wet Corn Milling	297	219	78	201	14	187	93	12	81
31131	Sugar Manufacturing	45	24	22	33	D	D	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	314	260	54	81	18	64	0	0	0
3115	Dairy Product	333	238	96	136	19	117	2	0	2
3116	Animal Slaughtering and Processing	577	440	137	226	64	163	3	3	0
312	Beverage and Tobacco Products	119	74	45	48	19	29	0	0	0
3121	Beverages	119	74	45	48	19	29	0	0	0
3122	Tobacco	*	*	0	*	0	*	0	0	0
313	Textile Mills	26	17	9	5	2	3	0	0	0
314	Textile Product Mills	10	Q	Q	Q	Q	Q	0	0	0
315	Apparel	7	5	Q	Q	Q	*	0	0	0
316	Leather and Allied Products	10	7	3	4	1	4	0	0	0
321	Wood Products	273	200	72	51	24	28	0	0	0
321113	Sawmills	46	33	13	4	3	1	0	0	0
3212	Veneer, Plywood, and Engineered Woods	61	44	17	17	7	10	0	0	0
321219	Reconstituted Wood Products	37	30	7	13	5	8	0	0	0
3219	Other Wood Products	162	121	41	28	14	14	0	0	0
322	Paper	914	618	296	419	50	368	80	11	69
322110	Pulp Mills	14	14	0	4	1	3	0	0	0
322121	Paper Mills, except Newsprint	290	193	97	192	9	183	D	0	D
322122	Newsprint Mills	0	0	0	0	0	0	0	0	0
322130	Paperboard Mills	173	117	56	104	5	99	D	11	D

323	Printing and Related Support	335	233	101	62	20	42	0	0	0
324	Petroleum and Coal Products	654	397	257	514	149	366	87	D	D
324110	Petroleum Refineries	565	350	215	437	129	308	82	D	D
324121	Asphalt Paving Mixture and Block	31	16	15	42	10	32	0	0	0
324122	Asphalt Shingle and Coating Materials	23	12	11	18	2	16	0	0	0
324191	Petroleum Lubricating Oil and Grease Products	16	11	5	8	2	6	0	0	0
324199	Other Petroleum and Coal Products	19	8	11	10	6	4	5	0	5
325	Chemicals	2,375	1,661	714	2,346	251	2,095	200	48	152
325110	Petrochemicals	*	*	0	1	0	1	0	0	0
325120	Industrial Gases	342	255	86	19	*	19	0	0	0
325180	Other Basic Inorganic Chemicals	193	138	55	89	8	81	27	14	13
325193	Ethyl Alcohol	617	491	126	1,102	143	959	38	13	25
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	18	17	1	8	*	8	8	0	8
325199	Other Basic Organic Chemicals	218	97	120	181	10	171	66	0	66
325211	Plastics Materials and Resins	206	139	67	129	5	124	22	3	20
325212	Synthetic Rubber	14	10	4	5	1	3	2	0	2
325220	Artificial and Synthetic Fibers and Filaments	6	5	1	1	*	1	0	0	0
325311	Nitrogenous Fertilizers	102	D	D	427	*	426	4	0	4
325312	Phosphatic Fertilizers	1	1	*	*	*	*	0	0	0
3254	Pharmaceuticals and Medicines	237	133	105	120	15	105	18	18	0
325412	Pharmaceutical Preparation	144	62	82	90	3	87	14	14	0
325992	Photographic Film, Paper, Plate, and Chemicals	5	3	2	*	*	*	0	0	0
326	Plastics and Rubber Products	1,797	1,179	618	183	74	109	0	0	0
327	Nonmetallic Mineral Products	780	426	354	345	71	274	Q	0	Q
327120	Clay Building Material and Refractories	25	17	8	27	5	22	0	0	0
327211	Flat Glass	27	24	3	52	*	51	0	0	0
327212	Other Pressed and Blown Glass and Glassware	33	15	19	29	D	D	0	0	0
327213	Glass Containers	60	34	25	41	0	41	0	0	0
327215	Glass Products from Purchased Glass	125	73	52	13	3	10	0	0	0
327310	Cements	184	97	87	21	1	20	0	0	0
327410	Lime	34	26	8	34	10	24	0	0	0
327420	Gypsum	22	D	D	34	D	D	0	0	0
327993	Mineral Wool	86	31	55	31	4	27	*	0	*
331	Primary Metals	2,356	1,241	1,115	1,215	197	1,019	35	0	35
331110	Iron and Steel Mills and Ferroalloys	1,057	725	332	899	143	756	35	0	35
3312	Steel Products from Purchased Steel	141	88	53	50	17	33	0	0	0
3313	Alumina and Aluminum	400	45	355	106	11	94	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	24	14	10	31	4	27	0	0	0
331315	Aluminum Sheet, Plate and Foils	94	2	93	45	1	44	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	53	25	29	21	5	16	0	0	0
3314	Nonferrous Metals, except Aluminum	263	63	200	45	8	37	1	0	1
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	151	D	D	13	*	13	0	0	0
3315	Foundries	495	321	174	116	17	99	0	0	0
331511	Iron Foundries	240	169	71	37	6	31	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	105	44	61	37	4	33	0	0	0
331524	Aluminum Foundries, except Die-Casting	36	29	6	15	3	12	0	0	0
332	Fabricated Metal Products	1,550	1,214	337	272	94	178	0	0	0
333	Machinery	898	628	270	199	116	83	0	0	0
334	Computer and Electronic Products	263	119	144	22	6	17	0	0	0
334413	Semiconductors and Related Devices	80	11	69	5	2	3	0	0	0
335	Electrical Equip., Appliances, and Components	314	232	82	72	12	59	Q	0	Q
336	Transportation Equipment	2,001	1,582	419	429	99	330	13	4	10
336111	Automobiles	148	111	37	64	3	62	8	3	5
336112	Light Trucks and Utility Vehicles	152	133	19	62	10	52	0	0	0
3364	Aerospace Product and Parts	200	135	65	33	12	21	*	*	0
336411	Aircraft	39	39	0	10	6	4	0	0	0
337	Furniture and Related Products	168	110	59	45	21	24	0	0	0
339	Miscellaneous	311	210	101	48	29	19	4	0	4
	Total	17,563	12,027	5,535	7,476	1,510	5,966	546	D	D

South Census Region

311	Food	1,665	1,328	338	690	243	446	13	Q	8
3112	Grain and Oilseed Milling	172	135	36	90	21	70	Q	Q	0
311221	Wet Corn Milling	20	6	13	9	6	3	0	0	0
31131	Sugar Manufacturing	21	20	1	40	D	D	*	0	*
3114	Fruit and Vegetable Preserving and Specialty Food	133	99	34	71	28	44	0	0	0
3115	Dairy Product	168	146	22	47	26	21	0	0	0
3116	Animal Slaughtering and Processing	692	506	186	254	78	176	8	0	8
312	Beverage and Tobacco Products	609	504	104	115	70	44	0	0	0
3121	Beverages	556	468	88	96	56	40	0	0	0
3122	Tobacco	53	36	17	19	14	4	0	0	0
313	Textile Mills	551	285	267	73	41	32	7	Q	6
314	Textile Product Mills	139	124	15	42	28	14	0	0	0
315	Apparel	39	21	18	6	3	3	0	0	0
316	Leather and Allied Products	5	4	1	*	*	*	0	0	0
321	Wood Products	974	586	388	171	66	105	3	2	1
321113	Sawmills	463	264	199	53	10	Q	3	2	1
3212	Veneer, Plywood, and Engineered Woods	251	156	95	77	28	49	0	0	0
321219	Reconstituted Wood Products	160	79	81	52	22	30	0	0	0
3219	Other Wood Products	234	145	89	35	24	10	0	0	0
322	Paper	1,471	1,224	247	1,271	350	921	34	13	21
322110	Pulp Mills	D	64	D	D	D	D	2	0	2
322121	Paper Mills, except Newsprint	409	291	118	356	100	256	*	0	*
322122	Newsprint Mills	79	79	0	15	*	15	0	0	0
322130	Paperboard Mills	D	543	D	D	162	D	32	13	19
323	Printing and Related Support	312	259	53	43	21	22	0	0	0
324	Petroleum and Coal Products	1,473	947	526	2,192	343	1,849	534	47	486
324110	Petroleum Refineries	1,305	834	471	2,028	298	1,730	D	47	D
324121	Asphalt Paving Mixture and Block	58	33	25	62	19	43	0	0	0
324122	Asphalt Shingle and Coating Materials	31	22	8	25	9	16	0	0	0
324191	Petroleum Lubricating Oil and Grease Products	66	47	19	60	10	50	D	0	D
324199	Other Petroleum and Coal Products	13	11	2	16	7	9	0	0	0
325	Chemicals	4,824	2,983	1,841	8,255	531	7,724	1,204	165	1,039
325110	Petrochemicals	339	144	195	984	2	981	222	27	195
325120	Industrial Gases	460	376	84	691	1	690	3	0	3
325180	Other Basic Inorganic Chemicals	907	523	385	733	37	697	167	12	155
325193	Ethyl Alcohol	23	23	*	48	29	19	*	*	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	121	47	74	405	8	397	83	2	81
325199	Other Basic Organic Chemicals	715	409	306	1,735	260	1,475	310	16	294
325211	Plastics Materials and Resins	946	574	371	1,428	58	1,369	313	70	242
325212	Synthetic Rubber	81	53	28	63	7	56	55	0	55
325220	Artificial and Synthetic Fibers and Filaments	145	96	49	93	15	78	0	0	0
325311	Nitrogenous Fertilizers	139	D	D	1,640	*	1,640	0	0	0
325312	Phosphatic Fertilizers	94	D	D	D	*	D	0	0	0
3254	Pharmaceuticals and Medicines	230	114	116	67	24	43	2	0	2

325412	Pharmaceutical Preparation	132	86	46	32	12	20	2	0	2
325992	Photographic Film, Paper, Plate, and Chemicals	16	6	10	4	3	2	0	0	0
326	Plastics and Rubber Products	1,326	1,097	229	161	88	73	0	0	0
327	Nonmetallic Mineral Products	999	725	275	590	176	414	0	0	0
327120	Clay Building Material and Refractories	81	52	29	90	22	68	0	0	0
327211	Flat Glass	38	21	17	62	12	51	0	0	0
327212	Other Pressed and Blown Glass and Glassware	55	22	33	38	D	D	0	0	0
327213	Glass Containers	68	54	14	57	10	47	0	0	0
327215	Glass Products from Purchased Glass	89	64	26	13	5	8	0	0	0
327310	Cements	264	197	67	88	14	74	0	0	0
327410	Lime	45	42	3	20	9	11	0	0	0
327420	Gypsum	57	27	29	104	19	85	0	0	0
327993	Mineral Wool	60	47	13	33	19	14	0	0	0
331	Primary Metals	2,325	1,380	945	746	175	571	0	0	0
331110	Iron and Steel Mills and Ferroalloys	1,189	817	372	396	73	323	0	0	0
3312	Steel Products from Purchased Steel	252	130	Q	38	13	26	0	0	0
3313	Alumina and Aluminum	515	193	322	226	45	181	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	17	15	1	33	10	22	0	0	0
331315	Aluminum Sheet, Plate and Foils	141	102	40	102	27	75	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	49	36	14	27	8	20	0	0	0
3314	Nonferrous Metals, except Aluminum	214	134	79	46	26	19	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	113	67	46	7	1	5	0	0	0
3315	Foundries	155	106	49	40	18	23	0	0	0
331511	Iron Foundries	84	51	32	12	4	8	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	28	26	2	16	10	6	0	0	0
331524	Aluminum Foundries, except Die-Casting	12	8	4	6	2	4	0	0	0
332	Fabricated Metal Products	654	540	114	146	60	86	0	0	0
333	Machinery	Q	372	Q	82	45	37	0	0	0
334	Computer and Electronic Products	440	214	226	52	Q	25	0	0	0
334413	Semiconductors and Related Devices	220	140	80	16	1	15	0	0	0
335	Electrical Equip., Appliances, and Components	274	209	65	71	40	31	Q	0	Q
336	Transportation Equipment	1,265	1,034	232	213	63	150	0	0	0
336111	Automobiles	107	98	10	23	8	15	0	0	0
336112	Light Trucks and Utility Vehicles	127	112	15	37	14	22	0	0	0
3364	Aerospace Product and Parts	284	222	62	27	9	18	0	0	0
336411	Aircraft	142	127	15	7	1	6	0	0	0
337	Furniture and Related Products	172	119	54	27	15	Q	0	0	0
339	Miscellaneous	235	178	57	36	22	13	0	0	0
	Total	20,895	14,132	6,763	14,982	2,410	12,572	1,811	233	1,578

West Census Region

311	Food	2,239	1,782	457	700	214	486	7	3	4
3112	Grain and Oilseed Milling	79	77	Q	28	8	20	0	0	0
311221	Wet Corn Milling	5	5	0	9	*	9	0	0	0
31131	Sugar Manufacturing	20	20	0	46	D	D	3	0	3
3114	Fruit and Vegetable Preserving and Specialty Food	299	250	49	207	61	147	1	0	1
3115	Dairy Product	275	188	87	129	31	98	3	3	0
3116	Animal Slaughtering and Processing	Q	Q	Q	97	22	75	0	0	0
312	Beverage and Tobacco Products	440	419	20	70	30	40	1	1	0
3121	Beverages	439	419	20	70	30	40	1	1	0
3122	Tobacco	*	*	0	0	0	0	0	0	0
313	Textile Mills	29	28	1	8	5	3	1	0	1
314	Textile Product Mills	24	24	*	Q	Q	Q	0	0	0
315	Apparel	8	7	1	*	*	*	0	0	0
316	Leather and Allied Products	2	2	*	*	*	*	0	0	0
321	Wood Products	374	333	41	57	20	37	6	1	6
321113	Sawmills	126	120	6	14	5	9	4	0	4
3212	Veneer, Plywood, and Engineered Woods	119	90	29	28	6	22	2	1	1
321219	Reconstituted Wood Products	49	25	23	10	*	10	1	0	1
3219	Other Wood Products	120	114	Q	10	5	Q	0	0	Q
322	Paper	598	510	89	210	24	186	5	0	5
322110	Pulp Mills	6	6	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	159	124	34	100	8	92	5	0	5
322122	Newsprint Mills	140	140	0	3	0	3	0	0	0
322130	Paperboard Mills	135	130	5	69	3	65	0	0	0
323	Printing and Related Support	134	126	Q	8	5	2	0	0	0
324	Petroleum and Coal Products	666	515	151	1,281	466	815	105	D	D
324110	Petroleum Refineries	606	460	146	1,225	449	776	105	D	D
324121	Asphalt Paving Mixture and Block	38	36	2	40	11	29	0	0	0
324122	Asphalt Shingle and Coating Materials	16	14	2	11	3	7	0	0	0
324191	Petroleum Lubricating Oil and Grease Products	3	3	1	3	*	2	0	0	0
324199	Other Petroleum and Coal Products	3	3	0	2	2	*	0	0	0
325	Chemicals	931	818	112	334	45	289	13	7	6
325110	Petrochemicals	0	0	0	0	0	0	0	0	0
325120	Industrial Gases	278	271	6	71	1	70	0	0	0
325180	Other Basic Inorganic Chemicals	185	169	16	77	3	74	3	1	Q
325193	Ethyl Alcohol	34	32	2	41	1	41	6	6	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	1	1	0	7	2	6	0	0	0
325199	Other Basic Organic Chemicals	38	35	Q	17	1	16	3	0	3
325211	Plastics Materials and Resins	27	26	*	5	3	2	*	0	*
325212	Synthetic Rubber	2	2	*	*	*	*	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	1	1	0	*	*	*	0	0	0
325311	Nitrogenous Fertilizers	40	40	0	48	14	34	0	0	0
325312	Phosphatic Fertilizers	30	30	*	29	*	28	0	0	0
3254	Pharmaceuticals and Medicines	191	152	39	28	16	12	0	0	0
325412	Pharmaceutical Preparation	95	61	34	14	8	6	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	13	13	0	3	*	3	1	0	1
326	Plastics and Rubber Products	319	319	0	Q	Q	0	0	0	0
327	Nonmetallic Mineral Products	554	477	78	238	35	203	0	0	0
327120	Clay Building Material and Refractories	10	8	2	9	3	6	0	0	0
327211	Flat Glass	13	7	5	19	*	19	0	0	0
327212	Other Pressed and Blown Glass and Glassware	7	6	*	3	3	*	0	0	0
327213	Glass Containers	75	68	6	39	0	39	0	0	0
327215	Glass Products from Purchased Glass	35	34	1	5	1	4	0	0	0
327310	Cements	147	111	37	37	11	26	0	0	0
327410	Lime	13	13	*	1	1	*	0	0	0
327420	Gypsum	23	19	5	43	9	34	0	0	0
327993	Mineral Wool	44	36	8	11	4	7	0	0	0
331	Primary Metals	643	397	246	178	30	147	0	0	0
331110	Iron and Steel Mills and Ferroalloys	198	120	78	72	18	54	0	0	0
3312	Steel Products from Purchased Steel	27	22	5	2	2	*	0	0	0
3313	Alumina and Aluminum	201	76	125	35	1	34	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	47	47	0	5	*	5	0	0	0
331315	Aluminum Sheet, Plate and Foils	17	5	13	13	*	13	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	24	24	0	8	*	8	0	0	0

3314	Nonferrous Metals, except Aluminum	145	118	27	46	Q	44	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	96	69	27	37	Q	34	0	0	0
3315	Foundries	72	60	11	23	8	15	0	0	0
331511	Iron Foundries	13	8	5	5	*	4	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	15	11	4	7	2	5	0	0	0
331524	Aluminum Foundries, except Die-Casting	9	9	*	3	1	1	0	0	0
332	Fabricated Metal Products	467	401	Q	68	30	Q	Q	0	Q
333	Machinery	160	119	Q	22	4	17	0	0	0
334	Computer and Electronic Products	663	584	78	61	32	29	0	0	0
334413	Semiconductors and Related Devices	351	311	40	32	17	15	0	0	0
335	Electrical Equip., Appliances, and Components	130	122	8	Q	*	Q	0	0	0
336	Transportation Equipment	390	337	53	56	16	40	0	0	0
336111	Automobiles	24	24	0	4	*	4	0	0	0
336112	Light Trucks and Utility Vehicles	*	*	0	*	*	*	0	0	0
3364	Aerospace Product and Parts	260	230	30	44	13	31	0	0	0
336411	Aircraft	60	57	3	12	3	9	0	0	0
337	Furniture and Related Products	63	51	Q	5	1	Q	0	0	0
339	Miscellaneous	139	120	Q	9	7	Q	0	0	0
	Total	8,971	7,492	1,480	3,354	1,000	2,354	155	D	D

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

(b) A *Local Utility* is an entity that produces and/or delivers a particular energy source (for example, electricity, natural gas, steam) and is legally obligated to provide service to the general public within its franchise area.

(c) *Sources Other than Local Utility* include independent producers, brokers, marketers, and marketing subsidiaries of utilities; for the case of electricity sources, also include small power producers and co-generators not located at the establishment site.

* 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.

Notes: Totals may not equal sum of components because of independent rounding. Zeroes do not mean that the energy source is free, but that the energy source either did not show up in this sample or it was not purchased at all in the sampled population.

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-FY21-312).

Released: September 2021

Next MECS will be fielded in 2023.

RSE Table 7.10 Relative Standard Errors for Table 7.10;

Unit: Percents.

NAICS	Code(a)	Subsector and Industry	Electricity			Natural Gas			Steam		
			Electricity	Components		Natural Gas	Components		Steam	Components	
				Electricity from Local	Electricity from Sources Other than		Natural Gas from Local	Natural Gas from Sources Other than		Steam from Local	Steam from Sources Other than
Total	Utility(b)	Local Utility(c)	Total	Utility(b)	Local Utility(c)	Total	Utility(b)	Local Utility(c)			
Total United States											
311		Food	10.4	11.8	13.9	4.1	6.6	5.3	3.7	11.6	3.1
3112		Grain and Oilseed Milling	1.7	2.4	3.5	6.0	27.9	3.0	3.1	13.2	0.0
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	X	0.0
3114		Fruit and Vegetable Preserving and Specialty Food	7.1	8.9	5.4	3.0	6.5	3.8	1.8	13.5	0.0
3115		Dairy Product	3.5	5.1	3.7	2.5	6.6	2.9	26.3	49.2	0.0
3116		Animal Slaughtering and Processing	29.3	33.2	14.6	5.5	6.1	7.5	29.5	0.0	41.3
312		Beverage and Tobacco Products	15.1	18.1	5.4	10.2	19.5	4.2	42.1	42.1	X
3121		Beverages	15.8	18.7	5.9	11.2	22.3	4.4	42.1	42.1	X
3122		Tobacco	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
313		Textile Mills	5.4	8.8	10.9	11.4	18.0	14.1	4.7	69.2	0.0
314		Textile Product Mills	9.0	10.1	26.9	16.8	25.1	18.8	X	X	X
315		Apparel	12.4	18.7	16.2	14.1	18.8	21.8	X	X	X
316		Leather and Allied Products	4.6	7.1	10.0	17.6	17.7	20.9	X	X	X
321		Wood Products	2.8	3.9	3.8	8.4	8.3	12.5	3.8	0.0	5.3
321113		Sawmills	5.6	8.8	1.4	31.8	5.0	42.6	0.0	0.0	0.0
3212		Veneer, Plywood, and Engineered Woods	1.3	1.8	2.0	1.4	3.1	1.5	0.0	0.0	0.0
321219		Reconstituted Wood Products	1.2	1.3	2.3	1.0	0.5	1.5	0.0	X	0.0
3219		Other Wood Products	5.2	6.3	12.6	11.7	20.0	11.3	59.1	X	59.1
322		Paper	1.6	2.3	5.8	1.5	3.6	1.9	0.0	0.0	0.0
322110		Pulp Mills	0.0	0.0	0.0	0.0	D	D	0.0	X	0.0
322121		Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
322122		Newsprint Mills	0.0	0.0	X	0.0	0.0	0.0	X	X	X
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	7.4	9.3	15.6	9.5	16.0	12.4	X	X	X
324		Petroleum and Coal Products	0.7	0.9	1.1	0.4	0.3	0.5	0.0	0.0	0.0
324110		Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
324121		Asphalt Paving Mixture and Block	6.7	3.5	18.5	3.6	5.8	4.8	X	X	X
324122		Asphalt Shingle and Coating Materials	1.4	1.6	4.2	0.9	2.2	1.2	X	X	X
324191		Petroleum Lubricating Oil and Grease Products	18.0	26.1	2.3	19.1	1.7	23.8	0.0	X	0.0
324199		Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
325		Chemicals	1.7	2.5	2.5	1.8	6.9	1.9	3.1	0.4	3.6
325110		Petrochemicals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325120		Industrial Gases	3.2	4.0	5.6	6.3	47.4	6.3	0.0	X	0.0
325180		Other Basic Inorganic Chemicals	2.7	4.2	2.1	12.7	16.4	13.5	2.5	1.9	2.9
325193		Ethyl Alcohol	1.8	2.3	2.9	1.4	8.2	1.6	3.5	0.0	6.3
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	6.7	12.1	3.3	4.9	16.4	5.2	8.2	0.2	8.6
325211		Plastics Materials and Resins	2.8	4.2	5.3	1.2	10.5	1.2	8.3	1.0	10.6
325212		Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
325220		Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325311		Nitrogenous Fertilizers	10.9	12.3	14.9	3.2	45.0	3.2	0.0	X	0.0
325312		Phosphatic Fertilizers	0.0	D	D	D	0.0	D	X	X	X
3254		Pharmaceuticals and Medicines	3.7	6.2	3.5	9.7	6.6	12.9	0.0	0.0	0.0
325412		Pharmaceutical Preparation	2.2	3.7	2.2	17.1	3.9	23.4	0.0	0.0	0.0
325992		Photographic Film, Paper, Plate, and Chemicals	0.4	0.1	0.5	0.4	1.0	0.5	D	X	D
326		Plastics and Rubber Products	7.1	9.2	16.3	13.6	20.2	19.9	X	X	X
327		Nonmetallic Mineral Products	3.1	3.9	5.5	2.5	4.9	2.9	84.3	X	84.3
327120		Clay Building Material and Refractories	4.4	6.1	8.0	2.1	1.9	2.8	X	X	X
327211		Flat Glass	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327212		Other Pressed and Blown Glass and Glassware	0.8	2.0	0.8	0.8	1.5	1.4	X	X	X
327213		Glass Containers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327215		Glass Products from Purchased Glass	1.4	2.1	1.6	1.2	3.9	1.2	X	X	X
327310		Cements	0.2	0.3	0.5	1.1	0.1	1.4	X	X	X
327410		Lime	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327420		Gypsum	2.6	3.5	5.1	0.6	3.3	0.3	X	X	X
327993		Mineral Wool	0.7	0.6	1.7	0.9	1.1	1.3	0.0	X	0.0
331		Primary Metals	1.3	0.4	3.0	0.2	0.7	0.3	0.0	X	0.0
331110		Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
3312		Steel Products from Purchased Steel	17.6	2.2	40.8	4.1	2.3	6.7	X	X	X
3313		Alumina and Aluminum	0.2	0.4	0.2	0.4	1.0	0.5	X	X	X
331314		Secondary Smelting and Alloying of Aluminum	1.1	1.3	4.9	2.6	3.7	3.4	X	X	X
331315		Aluminum Sheet, Plate and Foils	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
331318		Other Aluminum Rolling, Drawing and Extruding	1.3	1.2	3.3	0.6	1.2	0.7	X	X	X
3314		Nonferrous Metals, except Aluminum	1.2	2.3	1.4	1.9	5.4	1.9	0.0	X	0.0
331410		Nonferrous Metal (except Aluminum) Smelting and Refining	0.9	2.4	0.0	2.4	28.1	0.0	X	X	X
3315		Foundries	1.0	1.6	1.7	1.1	4.1	1.2	X	X	X
331511		Iron Foundries	1.9	2.9	2.6	2.1	10.8	1.5	X	X	X
331523		Nonferrous Metal Die-Casting Foundries	1.7	3.0	2.0	2.5	6.5	3.0	X	X	X
331524		Aluminum Foundries, except Die-Casting	2.0	2.6	3.4	1.5	4.5	1.7	X	X	X
332		Fabricated Metal Products	9.1	10.7	18.7	14.2	21.9	18.8	90.1	X	90.1
333		Machinery	25.3	13.9	50.0	12.4	20.0	15.3	X	X	X
334		Computer and Electronic Products	6.8	6.4	15.1	14.3	28.9	11.0	49.7	0.0	91.7
334413		Semiconductors and Related Devices	3.9	5.5	4.6	3.8	10.1	3.3	0.0	0.0	X
335		Electrical Equip., Appliances, and Components	8.4	11.6	16.7	17.2	17.4	24.7	53.8	X	53.8
336		Transportation Equipment	9.8	12.2	11.5	9.0	13.6	11.4	31.2	0.0	42.4
336111		Automobiles	0.0	0.0	0.0	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	X	X	X
3364		Aerospace Product and Parts	5.4	7.2	4.0	2.4	4.8	2.8	0.0	0.0	X
336411		Aircraft	15.6	17.5	4.4	1.6	4.1	1.4	X	X	X

337	Furniture and Related Products	8.0	9.6	18.8	12.2	17.4	18.6	X	X	X
339	Miscellaneous	9.1	10.1	20.0	14.2	20.2	17.2	0.0	X	0.0
	Total	2.2	2.5	4.2	1.0	2.3	1.1	2.1	1.0	2.5

Northeast Census Region

311	Food	13.1	15.2	20.7	11.4	10.2	13.7	5.5	13.5	0.0
3112	Grain and Oilseed Milling	4.4	8.4	7.6	1.0	3.4	1.0	X	X	X
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	X	0.0	X	X	X
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	8.0	13.8	6.5	8.9	3.9	12.4	13.5	13.5	X
3115	Dairy Product	6.1	14.0	4.7	5.4	10.4	7.0	0.0	X	0.0
3116	Animal Slaughtering and Processing	2.8	5.6	3.6	2.6	5.7	3.1	X	X	X
312	Beverage and Tobacco Products	6.4	9.2	10.5	5.7	17.0	5.4	X	X	X
3121	Beverages	6.5	9.4	10.7	6.3	20.4	5.9	X	X	X
3122	Tobacco	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
313	Textile Mills	8.3	11.4	15.5	13.0	35.8	13.3	X	X	X
314	Textile Product Mills	29.6	31.1	53.4	33.3	76.8	33.4	X	X	X
315	Apparel	25.4	31.5	46.7	34.1	51.4	44.4	X	X	X
316	Leather and Allied Products	9.4	18.7	11.1	12.0	24.1	13.5	X	X	X
321	Wood Products	8.6	12.8	11.8	14.8	37.8	16.0	X	X	X
321113	Sawmills	2.4	4.8	2.9	17.0	0.0	17.1	X	X	X
3212	Veneer, Plywood, and Engineered Woods	1.6	3.5	2.3	1.9	46.7	1.1	X	X	X
321219	Reconstituted Wood Products	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3219	Other Wood Products	15.9	21.3	24.6	25.9	48.7	28.9	X	X	X
322	Paper	8.3	16.0	9.2	7.4	4.4	8.9	0.0	X	0.0
322110	Pulp Mills	D	0.0	D	D	X	D	X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	D	X	D
322122	Newsprint Mills	X	X	X	X	X	X	X	X	X
322130	Paperboard Mills	D	0.0	D	D	0.0	D	D	X	D
323	Printing and Related Support	21.6	33.4	28.4	29.4	44.5	36.3	X	X	X
324	Petroleum and Coal Products	1.2	1.7	2.1	1.6	9.9	1.5	0.0	X	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	X	0.0	D	X	D
324121	Asphalt Paving Mixture and Block	5.7	8.5	9.0	6.9	15.8	8.2	X	X	X
324122	Asphalt Shingle and Coating Materials	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
324191	Petroleum Lubricating Oil and Grease Products	11.4	19.2	1.7	1.7	0.0	33.7	D	X	D
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325	Chemicals	5.4	8.6	6.6	8.3	12.9	10.2	5.9	0.0	6.4
325110	Petrochemicals	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325120	Industrial Gases	2.1	3.6	2.9	23.8	60.8	0.0	0.0	X	0.0
325180	Other Basic Inorganic Chemicals	3.9	5.4	9.2	13.6	14.7	19.3	2.8	X	2.8
325193	Ethyl Alcohol	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	0.0	X	0.0	X	X	X
325199	Other Basic Organic Chemicals	1.0	1.4	2.9	0.5	1.3	0.6	0.0	0.0	0.0
325211	Plastics Materials and Resins	2.1	4.6	2.7	2.3	7.9	1.9	0.0	0.0	0.0
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325312	Phosphatic Fertilizers	0.0	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	5.2	5.6	10.0	1.2	3.7	1.3	0.0	0.0	0.0
325412	Pharmaceutical Preparation	4.2	6.3	6.9	2.1	3.2	3.3	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0	0.0	0.0	0.0	D	X	D
326	Plastics and Rubber Products	26.4	41.7	34.9	43.8	66.2	45.9	X	X	X
327	Nonmetallic Mineral Products	12.4	8.5	20.0	6.1	22.8	3.4	95.6	X	95.6
327120	Clay Building Material and Refractories	4.0	6.0	5.6	3.2	5.7	4.8	X	X	X
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327212	Other Pressed and Blown Glass and Glassware	1.5	9.2	1.1	2.0	7.1	2.1	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327215	Glass Products from Purchased Glass	1.5	2.4	2.5	1.3	8.7	1.0	X	X	X
327310	Cements	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327420	Gypsum	0.0	D	D	0.0	D	D	X	X	X
327993	Mineral Wool	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
331	Primary Metals	0.7	1.3	0.8	0.4	1.2	0.4	X	X	X
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3312	Steel Products from Purchased Steel	3.4	7.1	3.2	3.8	6.1	5.9	X	X	X
3313	Alumina and Aluminum	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	X	0.0	0.0	X	0.0	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3314	Nonferrous Metals, except Aluminum	3.8	8.5	4.1	2.9	10.5	2.9	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	D	D	0.0	0.0	0.0	X	X	X
3315	Foundries	2.3	5.0	2.9	1.9	9.3	2.1	X	X	X
331511	Iron Foundries	1.2	6.2	1.4	1.6	8.9	1.7	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	13.1	21.8	9.7	2.6	2.1	3.8	X	X	X
331524	Aluminum Foundries, except Die-Casting	2.9	6.1	3.3	0.8	2.4	0.9	X	X	X
332	Fabricated Metal Products	25.0	29.5	35.1	39.0	72.7	45.6	X	X	X
333	Machinery	19.6	28.8	27.5	23.2	38.7	28.5	X	X	X
334	Computer and Electronic Products	12.8	22.4	15.6	20.2	44.5	14.5	49.7	0.0	91.7
334413	Semiconductors and Related Devices	2.6	6.0	3.2	2.4	6.6	2.6	0.0	0.0	X
335	Electrical Equip., Appliances, and Components	24.0	45.3	27.9	29.5	43.2	35.8	X	X	X
336	Transportation Equipment	41.4	60.6	18.3	16.9	11.8	20.3	X	X	X
336111	Automobiles	0.0	X	0.0	0.0	X	0.0	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0	0.0	0.0	X	X	X	X
3364	Aerospace Product and Parts	4.8	10.1	4.9	1.0	2.2	1.3	X	X	X
336411	Aircraft	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
337	Furniture and Related Products	24.0	29.0	44.9	33.0	49.8	44.1	X	X	X
339	Miscellaneous	26.9	26.2	40.5	32.5	42.9	32.6	X	X	X
	Total	4.6	7.5	5.2	3.7	8.8	4.0	14.1	0.2	14.8

Midwest Census Region

311	Food	4.5	5.6	7.0	6.2	14.8	6.9	0.0	0.0	0.0
3112	Grain and Oilseed Milling	1.9	2.7	3.5	7.6	36.9	3.8	0.0	0.0	0.0
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	D	D	X	X	X

3114	Fruit and Vegetable Preserving and Specialty Food	17.2	20.9	8.3	8.1	19.2	9.6	X	X	X
3115	Dairy Product	5.1	7.5	7.0	4.1	16.4	4.6	0.0	X	0.0
3116	Animal Slaughtering and Processing	3.5	4.9	6.9	7.4	10.8	10.1	0.0	0.0	X
312	Beverage and Tobacco Products	5.1	6.3	11.1	6.0	5.5	9.6	X	X	X
3121	Beverages	5.1	6.3	11.1	6.0	5.5	9.7	X	X	X
3122	Tobacco	0.0	0.0	X	0.0	X	0.0	X	X	X
313	Textile Mills	10.2	15.5	13.9	13.3	28.8	7.6	X	X	X
314	Textile Product Mills	44.8	59.7	56.0	61.5	86.8	56.0	X	X	X
315	Apparel	42.1	48.5	84.5	55.1	64.0	84.5	X	X	X
316	Leather and Allied Products	7.2	11.8	19.7	28.9	28.2	34.3	X	X	X
321	Wood Products	6.4	7.9	11.2	6.7	10.4	9.0	X	X	X
321113	Sawmills	9.9	12.7	15.3	4.6	4.0	12.6	X	X	X
3212	Veneer, Plywood, and Engineered Woods	1.6	2.1	4.6	2.5	6.3	1.1	X	X	X
321219	Reconstituted Wood Products	1.5	1.8	0.0	0.7	1.5	1.1	X	X	X
3219	Other Wood Products	10.4	12.7	18.9	11.9	17.1	17.4	X	X	X
322	Paper	5.7	7.1	12.3	4.5	18.8	4.7	0.0	0.0	0.0
322110	Pulp Mills	0.0	0.0	X	0.0	0.0	0.0	X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	D	X	D
322122	Newsprint Mills	X	X	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	D	0.0	D
323	Printing and Related Support	12.6	14.7	25.5	13.3	24.0	16.5	X	X	X
324	Petroleum and Coal Products	0.2	0.3	0.3	0.3	0.8	0.4	0.0	D	D
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	D	D
324121	Asphalt Paving Mixture and Block	2.8	5.4	2.6	4.1	11.4	4.9	X	X	X
324122	Asphalt Shingle and Coating Materials	3.4	3.3	6.9	1.6	0.0	1.8	X	X	X
324191	Petroleum Lubricating Oil and Grease Products	3.3	5.0	2.5	3.1	12.4	3.5	X	X	X
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
325	Chemicals	3.3	4.5	4.6	4.2	11.8	4.6	5.4	1.6	7.1
325110	Petrochemicals	0.0	0.0	X	0.0	X	0.0	X	X	X
325120	Industrial Gases	3.1	4.1	2.9	8.3	14.9	8.4	X	X	X
325180	Other Basic Inorganic Chemicals	1.1	1.5	3.2	2.1	19.8	1.9	2.8	0.0	5.8
325193	Ethyl Alcohol	2.0	2.6	3.1	1.5	9.9	1.8	4.1	0.0	6.3
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
325199	Other Basic Organic Chemicals	12.2	27.7	2.7	23.1	19.6	24.6	0.6	X	0.6
325211	Plastics Materials and Resins	2.9	4.4	8.0	6.6	27.7	6.9	3.5	29.9	0.0
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325311	Nitrogenous Fertilizers	0.4	D	D	0.1	87.5	0.1	0.0	X	0.0
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3254	Pharmaceuticals and Medicines	11.6	21.0	3.0	26.3	33.9	29.7	0.0	0.0	X
325412	Pharmaceutical Preparation	2.0	4.8	2.6	34.4	25.3	35.8	0.0	0.0	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
326	Plastics and Rubber Products	12.5	15.7	23.6	23.0	37.7	29.8	X	X	X
327	Nonmetallic Mineral Products	5.0	5.8	8.7	3.3	10.3	3.2	83.5	X	83.5
327120	Clay Building Material and Refractories	3.9	5.3	7.6	3.2	6.7	3.9	X	X	X
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327212	Other Pressed and Blown Glass and Glassware	1.2	2.8	0.0	1.3	D	D	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	X	0.0	X	X	X
327215	Glass Products from Purchased Glass	2.5	4.5	1.5	3.1	11.5	3.4	X	X	X
327310	Cements	0.1	0.1	0.0	0.1	0.2	0.0	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327420	Gypsum	3.0	D	D	0.3	D	D	X	X	X
327993	Mineral Wool	1.2	2.0	1.9	1.0	7.2	0.8	0.0	X	0.0
331	Primary Metals	0.4	0.7	0.6	0.3	0.9	0.3	0.0	X	0.0
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
3312	Steel Products from Purchased Steel	3.2	3.7	8.8	3.4	2.5	5.3	X	X	X
3313	Alumina and Aluminum	0.5	2.4	0.5	1.1	2.1	1.2	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	3.7	6.5	3.8	3.4	6.1	3.9	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	3.0	2.4	5.6	1.7	2.2	2.2	X	X	X
3314	Nonferrous Metals, except Aluminum	1.2	4.6	1.3	3.0	9.3	3.6	0.0	X	0.0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	D	D	0.0	0.0	0.0	X	X	X
3315	Foundries	1.6	2.4	2.7	1.7	8.6	1.8	X	X	X
331511	Iron Foundries	2.8	4.0	4.8	3.3	19.2	2.2	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	2.2	5.4	2.3	3.5	12.2	4.1	X	X	X
331524	Aluminum Foundries, except Die-Casting	3.3	4.2	6.8	2.1	6.4	2.8	X	X	X
332	Fabricated Metal Products	14.9	17.3	29.3	18.7	24.5	25.1	X	X	X
333	Machinery	13.9	17.6	23.3	17.7	27.8	18.4	X	X	X
334	Computer and Electronic Products	16.9	22.3	24.2	24.8	24.3	32.4	X	X	X
334413	Semiconductors and Related Devices	12.3	0.0	14.1	10.4	0.0	18.3	X	X	X
335	Electrical Equip., Appliances, and Components	18.9	23.4	34.2	41.4	23.4	49.8	82.8	X	82.8
336	Transportation Equipment	17.8	22.3	18.7	14.5	18.4	18.3	31.2	0.0	42.4
336111	Automobiles	0.0	0.0	0.0	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	X	X	X
3364	Aerospace Product and Parts	2.0	3.2	2.8	2.9	1.8	4.6	0.0	0.0	X
336411	Aircraft	2.6	2.6	X	1.1	0.4	2.9	X	X	X
337	Furniture and Related Products	15.6	20.0	26.9	16.5	26.5	21.6	X	X	X
339	Miscellaneous	15.2	18.5	28.1	19.9	29.3	24.3	0.0	X	0.0
	Total	3.0	4.1	4.0	2.2	4.9	2.5	2.2	D	D

South Census Region

311	Food	6.5	7.9	10.3	6.2	11.2	7.7	39.2	79.8	41.2
3112	Grain and Oilseed Milling	5.2	6.5	11.9	2.3	7.6	2.2	79.8	79.8	X
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	D	D	0.0	X	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	5.4	7.6	12.8	4.8	10.4	5.9	X	X	X
3115	Dairy Product	14.1	16.3	10.4	8.5	15.7	3.3	X	X	X
3116	Animal Slaughtering and Processing	4.6	6.5	7.6	4.6	9.2	6.1	41.3	X	41.3
312	Beverage and Tobacco Products	30.9	37.3	8.6	23.5	35.5	10.6	X	X	X
3121	Beverages	33.8	40.2	10.2	28.1	44.7	11.7	X	X	X
3122	Tobacco	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
313	Textile Mills	6.4	10.8	12.2	16.7	23.3	23.4	5.3	69.2	0.0
314	Textile Product Mills	10.7	11.5	37.2	18.1	24.6	25.2	X	X	X
315	Apparel	20.7	36.1	17.3	12.5	20.6	14.5	X	X	X

322122	Newsprint Mills	0.0	0.0	X	0.0	X	0.0	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
323	Printing and Related Support	24.2	25.4	72.2	29.3	36.3	49.0	X	X	X
324	Petroleum and Coal Products	0.4	0.5	0.3	0.1	0.2	0.2	0.0	D	D
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	D	D
324121	Asphalt Paving Mixture and Block	7.2	7.5	8.1	4.3	9.6	5.2	X	X	X
324122	Asphalt Shingle and Coating Materials	2.9	2.8	23.6	0.8	2.7	0.4	X	X	X
324191	Petroleum Lubricating Oil and Grease Products	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
324199	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	X	X	X
325	Chemicals	6.0	4.3	39.1	2.5	15.8	1.5	8.7	0.0	19.6
325110	Petrochemicals	X	X	X	X	X	X	X	X	X
325120	Industrial Gases	6.2	6.3	0.0	0.2	27.3	0.1	X	X	X
325180	Other Basic Inorganic Chemicals	1.6	1.8	5.7	2.6	5.4	2.8	41.4	0.0	66.5
325193	Ethyl Alcohol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	0.0	0.0	0.0	X	X	X
325199	Other Basic Organic Chemicals	7.2	2.3	80.4	5.9	11.9	6.5	0.0	X	0.0
325211	Plastics Materials and Resins	1.2	1.2	0.0	3.8	4.2	8.3	0.0	X	0.0
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	0.0	0.0	0.0	X	X	X
325311	Nitrogenous Fertilizers	27.5	27.5	X	13.5	46.0	0.0	X	X	X
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3254	Pharmaceuticals and Medicines	7.0	8.7	0.7	6.5	11.3	5.8	X	X	X
325412	Pharmaceutical Preparation	8.6	13.4	0.8	9.6	17.6	3.5	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.1	0.1	X	0.4	6.2	0.0	0.0	X	0.0
326	Plastics and Rubber Products	26.8	26.8	X	59.4	59.4	X	X	X	X
327	Nonmetallic Mineral Products	10.5	12.0	15.8	11.5	3.3	13.5	X	X	X
327120	Clay Building Material and Refractories	2.8	3.7	10.5	1.5	4.9	1.2	X	X	X
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327212	Other Pressed and Blown Glass and Glassware	10.5	11.2	22.9	3.7	3.2	23.8	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	X	0.0	X	X	X
327215	Glass Products from Purchased Glass	1.8	1.9	14.5	2.7	6.9	3.0	X	X	X
327310	Cements	0.5	0.7	0.2	0.3	0.0	0.4	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327420	Gypsum	5.7	7.1	0.0	0.1	0.1	0.0	X	X	X
327993	Mineral Wool	1.2	0.5	6.8	6.4	1.0	9.9	X	X	X
331	Primary Metals	0.9	1.5	0.1	1.1	5.0	0.9	X	X	X
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3312	Steel Products from Purchased Steel	7.2	8.8	0.0	15.1	17.4	0.0	X	X	X
3313	Alumina and Aluminum	0.4	1.0	0.0	0.6	9.8	0.6	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	X	0.0	0.0	0.0	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	3.1	3.1	X	2.5	14.3	2.7	X	X	X
3314	Nonferrous Metals, except Aluminum	3.6	4.5	0.0	4.2	55.3	3.2	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	3.5	4.8	0.0	3.9	61.2	0.0	X	X	X
3315	Foundries	2.0	2.4	0.2	1.9	5.6	0.9	X	X	X
331511	Iron Foundries	1.0	1.5	0.0	0.8	10.9	0.0	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	2.3	3.2	0.0	4.4	13.3	0.0	X	X	X
331524	Aluminum Foundries, except Die-Casting	4.5	4.5	22.6	8.7	16.9	0.8	X	X	X
332	Fabricated Metal Products	23.7	25.9	61.0	36.5	48.2	53.4	90.1	X	90.1
333	Machinery	24.0	25.0	60.9	40.0	33.5	49.1	X	X	X
334	Computer and Electronic Products	8.7	9.3	23.0	14.2	23.2	15.3	X	X	X
334413	Semiconductors and Related Devices	7.1	8.1	13.1	7.8	13.0	9.1	X	X	X
335	Electrical Equip., Appliances, and Components	29.0	30.9	0.0	51.3	74.0	52.4	X	X	X
336	Transportation Equipment	11.7	12.5	34.2	6.8	9.2	8.8	X	X	X
336111	Automobiles	0.0	0.0	X	0.0	0.0	0.0	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	X	0.0	0.0	0.0	X	X	X
3364	Aerospace Product and Parts	4.0	4.6	3.5	1.9	5.3	1.6	X	X	X
336411	Aircraft	10.7	11.3	0.0	3.7	14.2	0.0	X	X	X
337	Furniture and Related Products	23.7	25.8	61.3	39.9	47.2	51.5	X	X	X
339	Miscellaneous	22.7	24.7	60.0	31.0	35.5	64.2	X	X	X
	Total	8.3	8.6	15.3	2.8	3.2	3.8	9.7	D	D

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

(b) A *Local Utility* is an entity that produces and/or delivers a particular energy source (for example, electricity, natural gas, steam) and is legally obligated to provide service to the general public within its franchise area.

(c) *Sources Other than Local Utility* include independent producers, brokers, marketers, and marketing subsidiaries of utilities; for the case of electricity sources, also include small power producers and co-generators not located at the establishment site.

* 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.

Notes: Totals may not equal sum of components because of independent rounding. Zeroes do not mean that the energy source is free, but that the energy source either did not show up in this sample or it was not purchased at all in the sampled population.

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-FY21-312).