

Released: October 2017  
 Next MECS will be fielded in 2019

**Table 3.2 Fuel Consumption, 2014;**

Level: National and Regional Data;

Row: NAICS Codes; Column: Energy Sources;

Unit: Trillion Btu.

NAICS Code(a)	Subsector and Industry	Total	Net Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	HGL (excluding natural gasoline)(e)	Coal	Coke and Breeze	Other(f)
<b>Total United States</b>										
311	Food	1,114	247	4	20	570	6	110	1	157
3112	Grain and Oilseed Milling	278	50	*	1	133	*	65	0	29
311221	Wet Corn Milling	138	22	0	*	48	*	55	0	13
31131	Sugar Manufacturing	174	4	*	2	16	*	45	1	106
3114	Fruit and Vegetable Preserving and Specialty Food	146	33	*	1	105	1	*	0	5
3115	Dairy Product	109	35	1	3	68	1	*	0	2
3116	Animal Slaughtering and Processing	201	62	1	5	126	2	*	0	5
312	Beverage and Tobacco Products	95	33	*	1	48	1	7	0	4
3121	Beverages	86	30	0	1	43	1	6	0	4
3122	Tobacco	9	3	*	*	5	*	1	0	*
313	Textile Mills	97	43	*	*	36	1	6	0	12
314	Textile Product Mills	27	9	*	*	16	Q	1	0	*
315	Apparel	5	3	0	*	2	*	0	0	*
316	Leather and Allied Products	3	1	*	*	1	*	0	0	*
321	Wood Products	384	73	*	10	49	3	1	0	248
321113	Sawmills	123	17	*	5	6	*	*	0	95
3212	Veneer, Plywood, and Engineered Woods	161	25	0	2	28	1	1	0	104
321219	Reconstituted Wood Products	96	17	0	*	20	*	1	0	58
3219	Other Wood Products	94	29	*	3	13	2	0	0	Q
322	Paper	2,090	191	17	5	436	3	146	0	1,291
322110	Pulp Mills	255	5	2	1	29	*	1	0	216
322121	Paper Mills, except Newsprint	752	59	9	2	160	1	93	0	427
322122	Newsprint Mills	59	28	0	*	8	*	1	0	22
322130	Paperboard Mills	917	55	5	2	188	1	45	0	621
323	Printing and Related Support	89	49	*	*	39	1	0	0	Q
324	Petroleum and Coal Products	3,513	167	4	11	1,071	36	8	0	2,216
324110	Petroleum Refineries	3,372	160	3	6	1,000	35	1	0	2,168
324121	Asphalt Paving Mixture and Block	57	3	2	5	42	1	0	0	4
324122	Asphalt Shingle and Coating Materials	14	2	*	*	11	*	*	0	*
324199	Other Petroleum and Coal Products	58	-1	0	*	8	*	7	0	44
325	Chemicals	3,527	458	2	10	2,002	4	237	0	814
325110	Petrochemicals	537	20	0	1	309	1	0	0	207
325120	Industrial Gases	109	68	0	*	38	*	0	0	3
325180	Other Basic Inorganic Chemicals	358	79	0	1	151	*	53	0	74
325193	Ethyl Alcohol	491	39	0	1	363	*	80	0	8
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	41	10	0	*	24	*	0	0	7
325199	Other Basic Organic Chemicals	791	57	2	2	364	*	59	0	307
325211	Plastics Materials and Resins	552	58	*	1	375	1	14	0	103
325212	Synthetic Rubber	33	4	0	*	19	*	1	0	10
325220	Artificial and Synthetic Fibers and Filaments	35	11	*	*	13	*	10	0	*
325311	Nitrogenous Fertilizers	182	13	*	*	158	*	0	0	10
325312	Phosphatic Fertilizers	36	7	*	2	25	*	2	0	*
3254	Pharmaceuticals and Medicines	94	36	0	1	50	*	3	0	4
325412	Pharmaceutical Preparation	47	19	0	1	21	*	3	0	3
325992	Photographic Film, Paper, Plate, and Chemicals	9	3	*	*	4	*	0	0	2
326	Plastics and Rubber Products	294	190	0	Q	90	4	Q	0	Q
327	Nonmetallic Mineral Products	827	128	*	19	333	3	235	14	94
327120	Clay Building Material and Refractories	43	5	*	1	35	*	1	0	1
327211	Flat Glass	62	6	0	*	47	*	0	0	9
327212	Other Pressed and Blown Glass and Glassware	32	8	0	*	24	*	0	0	*
327213	Glass Containers	58	12	0	*	46	*	0	0	*
327215	Glass Products from Purchased Glass	23	11	*	*	11	*	*	0	*
327310	Cements	297	38	*	4	21	*	158	12	65
327410	Lime	105	5	0	1	6	*	73	2	18
327420	Gypsum	53	5	0	*	47	*	0	0	*
327993	Mineral Wool	33	11	0	*	20	*	0	1	1
331	Primary Metals	1,684	433	1	6	643	3	18	308	272
331110	Iron and Steel Mills and Ferroalloys	1,172	204	*	4	401	*	17	290	255
3312	Steel Products from Purchased Steel	57	22	0	1	27	*	0	0	7
3313	Alumina and Aluminum	243	117	*	1	117	1	0	0	6
331314	Secondary Smelting and Alloying of Aluminum	20	3	0	*	16	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	63	15	*	*	45	*	0	0	2
331318	Other Aluminum Rolling, Drawing and Extruding	19	6	*	*	13	*	0	0	*

3314	Nonferrous Metals, except Aluminum	96	44	0	*	42	1	1	2	4
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	48	27	0	*	16	*	1	*	4
3315	Foundries	118	45	*	1	55	1	*	15	*
331511	Iron Foundries	52	21	*	*	16	*	*	15	*
331523	Nonferrous Metal Die-Casting Foundries	24	7	0	*	17	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	11	3	*	*	8	*	0	0	*
332	Fabricated Metal Products	344	143	0	2	191	7	0	0	1
333	Machinery	164	80	*	5	72	3	Q	0	2
334	Computer and Electronic Products	162	112	*	1	47	*	0	0	Q
334413	Semiconductors and Related Devices	90	65	*	*	24	*	0	0	*
335	Electrical Equip., Appliances, and Components	71	40	0	*	27	1	0	*	2
336	Transportation Equipment	318	154	1	4	145	4	1	*	9
336111	Automobiles	33	12	0	*	19	*	*	0	1
336112	Light Trucks and Utility Vehicles	39	12	0	*	25	*	*	0	2
3364	Aerospace Product and Parts	68	32	*	Q	29	*	0	0	5
336411	Aircraft	23	11	*	Q	10	*	0	0	*
337	Furniture and Related Products	37	17	0	*	15	1	*	0	4
339	Miscellaneous	57	29	*	Q	26	1	0	0	Q
	Total	14,903	2,600	30	99	5,858	84	776	323	5,132

**Northeast Census Region**

311	Food	68	20	2	2	43	1	*	0	1
3112	Grain and Oilseed Milling	3	1	0	*	2	*	0	0	*
311221	Wet Corn Milling	*	*	0	*	*	0	0	0	0
31131	Sugar Manufacturing	*	*	0	0	*	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	11	3	*	*	7	*	*	0	*
3115	Dairy Product	16	5	1	1	10	*	0	0	1
3116	Animal Slaughtering and Processing	9	3	*	1	5	*	0	0	*
312	Beverage and Tobacco Products	12	5	0	*	7	*	0	0	*
3121	Beverages	12	5	0	*	6	*	0	0	*
3122	Tobacco	1	*	0	*	1	*	0	0	*
313	Textile Mills	Q	Q	*	*	10	*	0	0	Q
314	Textile Product Mills	1	*	0	*	*	*	*	0	0
315	Apparel	*	*	0	*	*	*	0	0	0
316	Leather and Allied Products	*	*	*	*	*	*	0	0	*
321	Wood Products	62	7	*	2	5	1	*	0	48
321113	Sawmills	6	1	*	1	*	*	*	0	4
3212	Veneer, Plywood, and Engineered Woods	41	1	0	*	1	*	0	0	39
321219	Reconstituted Wood Products	26	1	0	*	1	*	0	0	24
3219	Other Wood Products	15	4	0	1	3	1	0	0	6
322	Paper	215	19	8	*	57	*	22	0	108
322110	Pulp Mills	14	*	0	*	3	*	0	0	10
322121	Paper Mills, except Newsprint	154	7	7	*	29	*	20	0	91
322122	Newsprint Mills	0	0	0	0	0	0	0	0	0
322130	Paperboard Mills	24	5	*	*	17	*	0	0	2
323	Printing and Related Support	13	8	*	*	5	*	0	0	*
324	Petroleum and Coal Products	171	10	1	3	38	1	1	0	118
324110	Petroleum Refineries	158	8	*	1	29	1	1	0	118
324121	Asphalt Paving Mixture and Block	10	1	*	2	7	*	0	0	*
324122	Asphalt Shingle and Coating Materials	1	*	0	*	*	*	*	0	*
324199	Other Petroleum and Coal Products	2	*	0	*	1	*	0	0	*
325	Chemicals	134	43	*	1	73	*	Q	0	12
325110	Petrochemicals	*	*	0	*	*	0	0	0	*
325120	Industrial Gases	12	10	0	*	*	*	0	0	2
325180	Other Basic Inorganic Chemicals	15	9	0	*	4	*	0	0	2
325193	Ethyl Alcohol	10	1	0	*	9	*	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	7	1	0	*	6	*	0	0	*
325199	Other Basic Organic Chemicals	12	2	0	*	9	*	0	0	1
325211	Plastics Materials and Resins	15	4	*	*	8	*	0	0	3
325212	Synthetic Rubber	*	*	0	*	*	*	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	*	*	0	0	*	*	0	0	*
325311	Nitrogenous Fertilizers	2	*	*	*	*	*	0	0	1
325312	Phosphatic Fertilizers	*	*	0	*	0	*	0	0	*
3254	Pharmaceuticals and Medicines	34	12	0	1	22	*	0	0	*
325412	Pharmaceutical Preparation	9	3	0	1	5	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	5	1	*	*	1	*	0	0	2
326	Plastics and Rubber Products	29	18	0	*	8	1	Q	0	*
327	Nonmetallic Mineral Products	96	13	*	4	46	1	18	*	15
327120	Clay Building Material and Refractories	6	1	0	*	5	*	0	0	*
327211	Flat Glass	19	1	0	*	9	*	0	0	9
327212	Other Pressed and Blown Glass and Glassware	6	2	0	*	5	*	0	0	*
327213	Glass Containers	10	2	0	*	8	*	0	0	*
327215	Glass Products from Purchased Glass	4	1	0	*	2	*	*	0	*
327310	Cements	23	3	*	*	3	*	12	*	5
327410	Lime	7	*	0	*	*	*	6	0	*

327420	Gypsum	5	*	0	*	5	*	0	0	*
327993	Mineral Wool	3	1	0	*	2	*	0	0	*
331	Primary Metals	194	44	*	1	70	*	1	27	51
331110	Iron and Steel Mills and Ferroalloys	143	23	0	*	44	*	1	26	48
3312	Steel Products from Purchased Steel	9	2	0	*	5	*	0	0	2
3313	Alumina and Aluminum	21	10	*	*	11	*	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	*	*	0	*	*	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	8	2	*	*	6	*	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	W	W	*	*	3	*	0	0	*
3314	Nonferrous Metals, except Aluminum	13	6	0	*	7	*	0	0	*
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	1	1	0	*	*	*	0	0	*
3315	Foundries	8	4	*	*	4	*	0	*	*
331511	Iron Foundries	4	2	0	*	1	*	0	*	*
331523	Nonferrous Metal Die-Casting Foundries	1	*	0	0	1	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	1	*	*	*	*	*	0	0	*
332	Fabricated Metal Products	36	15	0	Q	19	Q	0	0	*
333	Machinery	20	10	0	Q	8	Q	0	0	*
334	Computer and Electronic Products	28	19	*	*	8	*	0	0	*
334413	Semiconductors and Related Devices	12	7	*	*	4	*	0	0	*
335	Electrical Equip., Appliances, and Components	14	8	0	*	6	*	0	*	*
336	Transportation Equipment	24	10	*	*	12	*	0	0	Q
336111	Automobiles	*	*	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	0	0	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	9	3	*	*	5	*	0	0	*
336411	Aircraft	2	1	*	*	1	*	0	0	*
337	Furniture and Related Products	4	1	0	*	1	*	0	0	Q
339	Miscellaneous	13	6	*	*	6	*	0	0	Q
	Total	1,156	264	11	15	423	8	47	27	361

Midwest Census Region

311	Food	472	109	*	4	246	1	86	1	26
3112	Grain and Oilseed Milling	215	34	*	1	100	*	59	0	22
311221	Wet Corn Milling	122	19	0	*	42	*	50	0	11
31131	Sugar Manufacturing	35	2	*	*	5	*	27	1	*
3114	Fruit and Vegetable Preserving and Specialty Food	30	10	*	*	19	*	0	0	1
3115	Dairy Product	42	13	*	1	27	*	*	0	1
3116	Animal Slaughtering and Processing	81	25	*	1	52	*	0	0	2
312	Beverage and Tobacco Products	16	5	0	*	11	*	1	0	*
3121	Beverages	16	5	0	*	11	*	1	0	*
3122	Tobacco	*	*	0	*	*	0	0	0	0
313	Textile Mills	2	1	0	*	1	*	0	0	*
314	Textile Product Mills	Q	1	0	*	Q	*	0	0	*
315	Apparel	*	*	0	0	*	0	0	0	0
316	Leather and Allied Products	1	1	0	0	1	*	0	0	0
321	Wood Products	38	9	*	2	11	1	1	0	16
321113	Sawmills	7	1	*	1	1	*	0	0	5
3212	Veneer, Plywood, and Engineered Woods	13	2	0	*	4	*	1	0	5
321219	Reconstituted Wood Products	9	1	0	*	3	*	1	0	4
3219	Other Wood Products	17	5	0	Q	5	*	0	0	Q
322	Paper	273	47	*	1	81	1	42	0	101
322110	Pulp Mills	2	1	0	*	1	*	0	0	*
322121	Paper Mills, except Newsprint	172	22	*	*	37	*	35	0	78
322122	Newsprint Mills	3	1	0	0	*	0	0	0	2
322130	Paperboard Mills	58	9	*	*	25	*	3	0	21
323	Printing and Related Support	28	14	0	*	14	*	0	0	*
324	Petroleum and Coal Products	565	33	*	2	150	19	0	0	361
324110	Petroleum Refineries	536	33	0	1	130	18	0	0	354
324121	Asphalt Paving Mixture and Block	11	1	*	1	9	*	0	0	*
324122	Asphalt Shingle and Coating Materials	5	1	*	*	4	*	0	0	*
324199	Other Petroleum and Coal Products	9	-2	0	*	4	*	0	0	7
325	Chemicals	835	129	*	1	489	1	117	0	98
325110	Petrochemicals	*	*	0	0	*	*	0	0	0
325120	Industrial Gases	21	20	0	*	1	*	0	0	*
325180	Other Basic Inorganic Chemicals	28	8	0	*	16	*	0	0	4
325193	Ethyl Alcohol	452	35	0	*	328	*	80	0	8
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	5	1	0	*	4	*	0	0	*
325199	Other Basic Organic Chemicals	110	14	0	*	24	*	13	0	Q
325211	Plastics Materials and Resins	60	15	*	*	24	*	11	0	9
325212	Synthetic Rubber	2	*	0	*	1	*	1	0	*
325220	Artificial and Synthetic Fibers and Filaments	*	*	0	0	*	*	0	0	0
325311	Nitrogenous Fertilizers	45	5	0	*	36	*	0	0	4
325312	Phosphatic Fertilizers	*	*	0	*	*	*	0	0	0
3254	Pharmaceuticals and Medicines	28	10	0	*	12	*	3	0	3
325412	Pharmaceutical Preparation	19	8	0	*	7	*	3	0	2
325992	Photographic Film, Paper, Plate, and Chemicals	1	*	0	0	*	*	0	0	*

326	Plastics and Rubber Products	98	58	0	*	39	1	0	0	*
327	Nonmetallic Mineral Products	229	39	0	2	86	1	65	12	24
327120	Clay Building Material and Refractories	8	1	0	*	7	*	*	0	*
327211	Flat Glass	15	1	0	*	13	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	9	2	0	*	8	*	0	0	*
327213	Glass Containers	14	3	0	*	11	*	0	0	*
327215	Glass Products from Purchased Glass	8	5	0	*	3	*	0	0	*
327310	Cements	W	W	0	1	3	*	W	10	15
327410	Lime	W	W	0	*	3	*	W	1	7
327420	Gypsum	10	1	0	*	9	*	0	0	*
327993	Mineral Wool	13	5	0	*	7	*	0	1	1
331	Primary Metals	978	168	*	3	357	2	8	251	189
331110	Iron and Steel Mills and Ferroalloys	786	82	*	2	268	*	8	239	186
3312	Steel Products from Purchased Steel	24	9	0	*	14	*	0	0	*
3313	Alumina and Aluminum	69	37	0	*	28	*	0	0	3
331314	Secondary Smelting and Alloying of Aluminum	10	2	0	*	8	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	19	5	0	*	14	*	0	0	*
331318	Other Aluminum Rolling, Drawing and Extruding	W	W	0	*	3	*	0	0	*
3314	Nonferrous Metals, except Aluminum	28	14	0	*	12	1	0	1	*
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	12	9	0	*	3	*	0	*	*
3315	Foundries	71	26	*	*	34	*	*	10	*
331511	Iron Foundries	35	14	*	*	11	*	*	10	*
331523	Nonferrous Metal Die-Casting Foundries	16	5	0	*	11	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	7	2	0	*	5	*	0	0	*
332	Fabricated Metal Products	193	67	0	*	121	4	0	0	*
333	Machinery	90	36	0	4	47	1	Q	0	1
334	Computer and Electronic Products	28	15	0	*	Q	*	0	0	Q
334413	Semiconductors and Related Devices	3	2	0	*	*	*	0	0	*
335	Electrical Equip., Appliances, and Components	18	11	0	*	6	Q	0	0	*
336	Transportation Equipment	149	69	*	2	72	1	1	*	4
336111	Automobiles	22	7	0	*	14	*	*	0	1
336112	Light Trucks and Utility Vehicles	25	7	0	*	17	*	*	0	1
3364	Aerospace Product and Parts	15	7	*	*	6	*	0	0	1
336411	Aircraft	4	2	0	*	2	*	0	0	*
337	Furniture and Related Products	14	6	0	*	8	*	*	0	*
339	Miscellaneous	15	8	0	*	6	*	0	0	*
	Total	4,048	826	1	20	1,760	33	323	263	822

**South Census Region**

311	Food	360	77	1	6	148	2	6	0	121
3112	Grain and Oilseed Milling	50	11	*	*	25	*	6	0	8
311221	Wet Corn Milling	14	3	0	*	4	*	5	0	2
31131	Sugar Manufacturing	106	1	*	1	2	*	0	0	102
3114	Fruit and Vegetable Preserving and Specialty Food	28	8	*	*	18	*	0	0	*
3115	Dairy Product	13	7	0	*	6	*	0	0	*
3116	Animal Slaughtering and Processing	93	30	1	3	56	1	0	0	2
312	Beverage and Tobacco Products	41	13	*	*	23	*	3	0	2
3121	Beverages	33	10	0	*	18	*	2	0	2
3122	Tobacco	8	3	*	*	5	*	1	0	*
313	Textile Mills	70	35	*	*	22	*	6	0	7
314	Textile Product Mills	20	7	*	*	11	Q	1	0	*
315	Apparel	4	2	0	*	2	*	0	0	*
316	Leather and Allied Products	1	*	*	*	*	*	0	0	*
321	Wood Products	206	44	*	5	22	1	0	0	135
321113	Sawmills	67	10	0	3	1	*	0	0	53
3212	Veneer, Plywood, and Engineered Woods	82	16	0	1	17	1	0	0	47
321219	Reconstituted Wood Products	52	12	0	*	14	*	0	0	26
3219	Other Wood Products	Q	Q	*	Q	3	1	0	0	Q
322	Paper	1,393	91	8	3	236	1	80	0	973
322110	Pulp Mills	231	3	2	1	25	*	1	0	199
322121	Paper Mills, except Newsprint	377	26	2	1	72	*	39	0	237
322122	Newsprint Mills	34	12	0	*	7	*	1	0	15
322130	Paperboard Mills	719	33	4	2	119	*	39	0	522
323	Printing and Related Support	40	22	0	*	16	Q	0	0	Q
324	Petroleum and Coal Products	1,944	98	1	5	622	9	0	0	1,209
324110	Petroleum Refineries	1,869	93	*	3	592	8	0	0	1,172
324121	Asphalt Paving Mixture and Block	26	1	1	2	18	*	0	0	4
324122	Asphalt Shingle and Coating Materials	6	1	0	*	5	*	0	0	*
324199	Other Petroleum and Coal Products	35	1	0	*	2	*	0	0	33
325	Chemicals	2,405	247	2	7	1,387	2	73	0	687
325110	Petrochemicals	536	20	0	1	309	1	0	0	207
325120	Industrial Gases	69	31	0	*	36	*	0	0	1
325180	Other Basic Inorganic Chemicals	223	45	0	*	114	*	9	0	55
325193	Ethyl Alcohol	13	1	0	*	12	*	0	0	*
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	27	8	0	*	12	*	0	0	7

325199	Other Basic Organic Chemicals	663	39	2	2	328	*	46	0	246
325211	Plastics Materials and Resins	474	38	*	1	341	1	3	0	90
325212	Synthetic Rubber	32	3	0	*	18	*	0	0	10
325220	Artificial and Synthetic Fibers and Filaments	34	11	*	*	13	*	10	0	*
325311	Nitrogenous Fertilizers	129	7	0	*	117	0	0	0	5
325312	Phosphatic Fertilizers	32	6	*	1	22	*	2	0	*
3254	Pharmaceuticals and Medicines	21	9	0	*	10	*	0	0	1
325412	Pharmaceutical Preparation	12	6	0	*	5	*	0	0	1
325992	Photographic Film, Paper, Plate, and Chemicals	2	1	0	*	1	*	0	0	*
326	Plastics and Rubber Products	127	80	0	Q	38	2	*	0	Q
327	Nonmetallic Mineral Products	354	56	*	8	154	2	99	2	33
327120	Clay Building Material and Refractories	27	3	*	*	22	*	1	0	1
327211	Flat Glass	22	2	0	*	20	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	14	4	0	*	10	*	0	0	*
327213	Glass Containers	21	4	0	*	17	*	0	0	*
327215	Glass Products from Purchased Glass	9	4	*	*	5	*	0	0	*
327310	Cements	123	17	*	1	8	*	70	2	25
327410	Lime	39	2	0	1	3	*	26	0	7
327420	Gypsum	27	2	0	*	24	*	0	0	*
327993	Mineral Wool	12	4	0	*	8	*	0	*	*
331	Primary Metals	428	175	*	2	180	1	9	30	31
331110	Iron and Steel Mills and Ferroalloys	217	85	*	1	78	*	8	25	19
3312	Steel Products from Purchased Steel	23	11	0	1	7	*	0	0	4
3313	Alumina and Aluminum	125	50	0	*	71	*	0	0	3
331314	Secondary Smelting and Alloying of Aluminum	8	1	0	*	7	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	32	7	0	*	23	*	0	0	2
331318	Other Aluminum Rolling, Drawing and Extruding	7	2	0	*	5	*	0	0	*
3314	Nonferrous Metals, except Aluminum	30	15	0	*	10	*	1	1	4
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	16	10	0	*	1	*	1	0	4
3315	Foundries	31	13	0	*	14	*	0	4	*
331511	Iron Foundries	11	4	0	*	3	*	0	4	*
331523	Nonferrous Metal Die-Casting Foundries	5	2	0	*	4	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	3	1	0	*	2	*	0	0	*
332	Fabricated Metal Products	79	44	0	Q	33	2	0	0	*
333	Machinery	43	27	*	*	15	1	0	0	*
334	Computer and Electronic Products	32	24	0	*	8	*	0	0	*
334413	Semiconductors and Related Devices	17	13	0	*	4	*	0	0	*
335	Electrical Equip., Appliances, and Components	32	18	0	*	12	*	0	0	1
336	Transportation Equipment	110	58	1	Q	44	2	0	0	3
336111	Automobiles	6	3	0	*	3	*	0	0	*
336112	Light Trucks and Utility Vehicles	14	5	0	*	8	*	0	0	1
3364	Aerospace Product and Parts	22	11	0	Q	8	*	0	0	2
336411	Aircraft	12	6	0	Q	5	*	0	0	*
337	Furniture and Related Products	15	8	0	*	5	*	*	0	2
339	Miscellaneous	22	9	0	Q	Q	*	0	0	0
	Total	7,726	1,136	13	45	2,988	27	277	32	3,208

**West Census Region**

311	Food	213	41	0	7	134	2	18	*	10
3112	Grain and Oilseed Milling	9	3	0	*	6	*	0	0	*
311221	Wet Corn Milling	2	*	0	*	2	*	0	0	*
31131	Sugar Manufacturing	32	1	0	*	8	*	18	*	4
3114	Fruit and Vegetable Preserving and Specialty Food	77	12	0	*	60	Q	0	0	4
3115	Dairy Product	38	11	0	*	26	*	0	0	Q
3116	Animal Slaughtering and Processing	18	5	0	1	12	*	*	0	*
312	Beverage and Tobacco Products	25	10	0	1	8	*	3	0	2
3121	Beverages	25	10	0	1	8	*	3	0	2
3122	Tobacco	0	0	0	0	0	0	0	0	0
313	Textile Mills	3	1	0	0	2	*	0	0	*
314	Textile Product Mills	Q	1	0	0	Q	*	0	0	0
315	Apparel	*	*	0	0	*	*	0	0	0
316	Leather and Allied Products	*	*	0	*	*	*	0	0	*
321	Wood Products	78	14	0	2	12	1	0	0	49
321113	Sawmills	43	4	0	1	4	*	0	0	34
3212	Veneer, Plywood, and Engineered Woods	25	6	0	*	6	*	0	0	13
321219	Reconstituted Wood Products	9	3	0	*	3	*	0	0	3
3219	Other Wood Products	8	3	0	*	2	*	0	0	2
322	Paper	209	34	1	*	61	1	3	0	109
322110	Pulp Mills	7	*	*	*	0	*	0	0	7
322121	Paper Mills, except Newsprint	49	5	0	*	22	*	0	0	22
322122	Newsprint Mills	21	15	0	*	1	*	0	0	5
322130	Paperboard Mills	115	8	1	*	28	*	3	0	76
323	Printing and Related Support	8	4	0	*	3	*	0	0	*
324	Petroleum and Coal Products	834	26	3	1	261	7	7	0	528
324110	Petroleum Refineries	809	25	2	1	249	7	0	0	524

324121	Asphalt Paving Mixture and Block	10	1	*	*	9	*	0	0	*
324122	Asphalt Shingle and Coating Materials	2	*	0	*	2	*	0	0	*
324199	Other Petroleum and Coal Products	12	*	0	*	*	*	7	0	4
325	Chemicals	154	39	0	1	54	*	44	0	16
325110	Petrochemicals	*	*	0	0	*	0	0	0	0
325120	Industrial Gases	7	7	0	*	*	*	0	0	*
325180	Other Basic Inorganic Chemicals	92	17	0	1	17	*	44	0	13
325193	Ethyl Alcohol	16	1	0	*	14	*	0	0	1
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	2	*	0	0	2	*	0	0	*
325199	Other Basic Organic Chemicals	6	2	0	*	3	*	0	0	1
325211	Plastics Materials and Resins	3	1	0	*	2	*	0	0	*
325212	Synthetic Rubber	*	*	0	0	*	*	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	*	*	0	0	*	*	0	0	0
325311	Nitrogenous Fertilizers	7	2	0	*	5	*	0	0	*
325312	Phosphatic Fertilizers	4	1	0	*	3	*	0	0	*
3254	Pharmaceuticals and Medicines	11	5	0	*	6	*	0	0	*
325412	Pharmaceutical Preparation	6	3	0	*	3	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	2	1	0	*	1	*	0	0	*
326	Plastics and Rubber Products	39	33	0	*	6	*	0	0	*
327	Nonmetallic Mineral Products	149	20	0	5	47	*	53	1	23
327120	Clay Building Material and Refractories	3	*	0	*	3	*	0	0	*
327211	Flat Glass	5	1	0	*	5	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	2	*	0	*	1	*	0	0	*
327213	Glass Containers	13	3	0	*	10	*	0	0	*
327215	Glass Products from Purchased Glass	3	1	0	*	1	*	0	0	*
327310	Cements	W	W	0	1	7	*	W	*	20
327410	Lime	W	W	0	*	*	*	W	*	3
327420	Gypsum	11	1	0	*	10	*	0	0	*
327993	Mineral Wool	4	2	0	*	3	*	0	0	*
331	Primary Metals	84	47	0	*	35	*	0	1	2
331110	Iron and Steel Mills and Ferroalloys	25	14	0	*	10	*	0	0	1
3312	Steel Products from Purchased Steel	1	*	0	*	*	*	0	0	*
3313	Alumina and Aluminum	28	20	0	*	7	*	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	1	*	0	*	1	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	4	1	0	*	3	*	0	0	*
331318	Other Aluminum Rolling, Drawing and Extruding	W	W	0	*	1	*	0	0	*
3314	Nonferrous Metals, except Aluminum	24	10	0	*	13	*	0	*	*
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	19	8	0	*	11	*	0	0	*
3315	Foundries	7	3	0	*	4	*	0	1	*
331511	Iron Foundries	2	*	0	*	1	*	0	1	*
331523	Nonferrous Metal Die-Casting Foundries	1	*	0	0	1	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	1	*	0	*	*	*	0	0	*
332	Fabricated Metal Products	37	17	0	*	18	Q	0	0	*
333	Machinery	10	7	0	*	2	*	0	0	Q
334	Computer and Electronic Products	73	54	0	*	19	*	0	0	*
334413	Semiconductors and Related Devices	58	43	0	*	15	*	0	0	*
335	Electrical Equip., Appliances, and Components	6	3	0	*	3	*	0	0	*
336	Transportation Equipment	36	18	0	*	16	*	0	0	2
336111	Automobiles	4	2	0	0	2	*	0	0	0
336112	Light Trucks and Utility Vehicles	*	*	0	*	*	*	0	0	*
3364	Aerospace Product and Parts	23	11	0	*	10	*	0	0	2
336411	Aircraft	5	2	0	*	2	*	0	0	*
337	Furniture and Related Products	4	3	0	0	1	*	0	0	*
339	Miscellaneous	8	5	0	*	2	*	0	0	*
	Total	1,973	375	4	19	688	15	129	2	741

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

(b) 'Net Electricity' is obtained by summing purchases, transfers in, and generation from noncombustible renewable resources, minus quantities sold and transferred out. It does not include electricity inputs from onsite cogeneration or generation from combustible fuels because that energy has already been included as generating fuel (for example, coal).

(c) 'Distillate Fuel Oil' includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.

(d) 'Natural Gas' includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.

(e) Hydrocarbon Gas Liquids ('HGL') include ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids (NGL).

(f) 'Other' includes net steam (the sum of purchases, generation from renewables, and net transfers), and other energy that respondents indicated was used to produce heat and power.

\* 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. The estimates presented in this table are for the total consumption of energy (formerly total inputs of energy) for the production of heat, power, and electricity generation, regardless of where the energy was produced. Specifically, the estimates include the quantities of energy that were originally produced offsite and purchased by or transferred to the establishment, plus those that were produced onsite from other energy or input materials not classified as energy, or were extracted from captive (onsite) mines or wells. During manufacturing processes, it is possible that the thermal energy content of an energy input is not completely consumed for the production of heat, power, or electricity generation. Hence, residuals of that input may remain. Those residual leftovers may be subsequently consumed for fuel purposes, whether onsite or offsite at another manufacturing establishment (for example, blast furnace gas as a byproduct recovered from coke and other inputs that were not completely consumed). In such cases, double counting of inputs cannot be avoided, and the "Fuel Consumption" estimates will be inflated.

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

Released: October 2017  
 Next MECS will be fielded in 2019

**RSE Table 3.2 Relative Standard Errors for Table 3.2;**

Unit: Percents.

NAICS Code(a)	Subsector and Industry	Total	Net Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	HGL (excluding natural gasoline)(e)	Coal	Coke and Breeze	Other(f)
<b>Total United States</b>										
311	Food	2.5	2.5	16.2	11.0	3.1	12.2	0.1	0.1	5.6
3112	Grain and Oilseed Milling	1.3	1.9	37.1	8.0	2.3	31.2	0.1	X	2.3
311221	Wet Corn Milling	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
31131	Sugar Manufacturing	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3114	Fruit and Vegetable Preserving and Specialty Food	2.1	6.0	5.5	9.0	2.0	31.3	0.1	X	13.1
3115	Dairy Product	2.0	2.2	0.4	26.6	2.3	20.7	0.1	X	23.4
3116	Animal Slaughtering and Processing	2.1	2.3	14.9	7.3	2.8	17.7	26.8	X	20.8
312	Beverage and Tobacco Products	3.7	7.6	0.1	18.5	4.4	10.3	0.1	X	4.2
3121	Beverages	4.1	8.4	X	19.8	5.0	11.1	0.1	X	4.2
3122	Tobacco	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1
313	Textile Mills	16.2	13.7	48.0	55.7	17.1	10.9	43.2	X	40.1
314	Textile Product Mills	11.8	9.0	0.1	18.8	16.6	50.0	9.6	X	44.2
315	Apparel	9.1	9.3	X	68.9	12.8	56.8	X	X	0.2
316	Leather and Allied Products	4.7	7.4	67.2	12.4	5.4	9.0	X	X	4.0
321	Wood Products	9.5	11.9	0.1	9.7	3.9	8.9	0.1	X	11.0
321113	Sawmills	1.3	3.6	0.1	12.1	3.0	11.0	0.1	X	1.3
3212	Veneer, Plywood, and Engineered Woods	2.2	4.8	X	8.5	4.1	5.1	0.1	X	1.7
321219	Reconstituted Wood Products	3.5	7.1	X	5.5	4.6	11.1	0.1	X	2.9
3219	Other Wood Products	38.5	29.4	0.1	25.8	11.5	15.1	X	X	58.1
322	Paper	0.3	1.7	0.1	0.8	1.1	9.0	0.1	X	0.1
322110	Pulp Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
322121	Paper Mills, except Newsprint	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1
322122	Newsprint Mills	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
323	Printing and Related Support	18.1	17.6	51.8	25.1	20.0	33.8	X	X	79.1
324	Petroleum and Coal Products	0.1	0.1	5.2	1.7	0.3	0.2	0.1	X	0.1
324110	Petroleum Refineries	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1
324121	Asphalt Paving Mixture and Block	5.5	3.6	13.5	3.8	5.6	6.0	X	X	26.0
324122	Asphalt Shingle and Coating Materials	1.2	0.9	0.1	19.7	1.3	19.7	0.1	X	0.9
324199	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
325	Chemicals	1.7	1.9	4.8	4.2	1.0	6.7	3.3	X	6.2
325110	Petrochemicals	0.1	0.1	X	0.1	0.1	0.4	X	X	0.1
325120	Industrial Gases	4.5	6.9	X	37.8	1.4	50.2	X	X	0.1
325180	Other Basic Inorganic Chemicals	1.6	1.9	X	3.0	3.2	14.5	0.1	X	0.5
325193	Ethyl Alcohol	3.0	3.6	X	25.8	3.8	8.6	2.6	X	6.8
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
325199	Other Basic Organic Chemicals	4.7	3.7	0.1	2.6	1.4	19.7	5.7	X	11.8
325211	Plastics Materials and Resins	1.6	3.7	17.8	5.0	0.8	4.6	32.4	X	2.2
325212	Synthetic Rubber	0.0	0.0	X	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	0.0	X	0.0
325311	Nitrogenous Fertilizers	3.1	4.3	0.1	4.6	3.3	0.7	X	X	0.1
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
3254	Pharmaceuticals and Medicines	4.7	11.3	X	31.9	2.5	22.7	0.1	X	0.2
325412	Pharmaceutical Preparation	1.4	1.9	X	36.8	1.5	25.5	0.1	X	0.2
325992	Photographic Film, Paper, Plate, and Chemicals	1.6	0.7	0.1	0.0	3.2	39.7	X	X	0.1
326	Plastics and Rubber Products	8.4	9.9	X	70.6	12.4	16.1	62.3	X	58.2
327	Nonmetallic Mineral Products	2.2	3.6	5.6	16.9	4.1	14.9	0.9	4.8	1.0
327120	Clay Building Material and Refractories	2.9	1.8	59.3	8.0	3.3	4.7	3.2	X	1.0
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327212	Other Pressed and Blown Glass and Glassware	0.8	1.0	X	0.1	0.9	0.5	X	X	8.7
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327215	Glass Products from Purchased Glass	6.7	1.8	79.8	3.2	13.7	11.7	81.2	X	1.3
327310	Cements	0.7	0.9	0.1	6.4	2.1	1.2	0.5	5.8	0.6
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
327420	Gypsum	0.2	1.9	X	0.1	0.1	1.4	X	X	0.1
327993	Mineral Wool	1.1	0.6	X	8.0	0.8	3.8	X	0.1	41.7
331	Primary Metals	0.5	1.2	0.1	0.8	0.6	2.5	0.1	0.3	0.4
331110	Iron and Steel Mills and Ferroalloys	0.2	0.2	0.1	0.1	0.3	0.3	0.1	0.1	0.1
3312	Steel Products from Purchased Steel	10.1	18.7	X	6.2	5.8	13.8	X	X	14.4
3313	Alumina and Aluminum	0.3	0.1	0.1	0.1	0.4	1.3	X	X	0.1
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	X	0.1	0.1	0.1	X	X	0.1
331315	Aluminum Sheet, Plate and Foils	1.0	1.1	0.1	0.1	1.0	5.4	X	X	0.1
331318	Other Aluminum Rolling, Drawing and Extruding	0.9	0.8	0.0	0.3	1.2	2.4	X	X	5.1
3314	Nonferrous Metals, except Aluminum	2.2	2.3	X	3.2	3.8	4.1	0.1	13.6	0.5
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.7	0.7	X	0.1	0.9	4.1	0.0	0.1	0.0
3315	Foundries	3.7	6.8	0.1	4.9	4.4	4.9	0.1	5.8	1.1

331511	Iron Foundries	2.1	2.5	0.1	1.9	1.4	3.7	0.1	5.8	3.2
331523	Nonferrous Metal Die-Casting Foundries	1.2	1.2	X	3.6	1.4	9.5	X	X	12.5
331524	Aluminum Foundries, except Die-Casting	9.8	3.9	0.1	54.9	11.7	4.4	X	X	4.3
332	Fabricated Metal Products	9.0	8.1	X	29.7	12.0	19.6	X	X	33.0
333	Machinery	9.2	8.7	99.0	33.6	12.3	29.8	87.6	X	44.1
334	Computer and Electronic Products	6.1	4.2	0.1	45.2	12.5	29.3	X	X	71.1
334413	Semiconductors and Related Devices	1.3	1.3	0.1	0.9	1.5	4.8	X	X	0.1
335	Electrical Equip., Appliances, and Components	7.3	8.5	X	33.6	9.7	50.0	X	0.1	31.0
336	Transportation Equipment	4.7	5.1	0.1	34.0	5.5	16.3	0.1	17.2	12.3
336111	Automobiles	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
336112	Light Trucks and Utility Vehicles	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
3364	Aerospace Product and Parts	7.3	6.8	0.1	68.1	6.4	14.3	X	X	19.5
336411	Aircraft	19.7	19.0	0.1	84.4	14.0	3.2	X	X	40.7
337	Furniture and Related Products	9.1	8.3	X	54.6	13.2	27.2	4.4	X	40.2
339	Miscellaneous	16.0	9.3	0.1	67.5	27.2	49.1	X	X	79.7
	Total	0.6	1.2	2.2	5.4	0.8	2.8	1.1	0.4	1.1

**Northeast Census Region**

311	Food	10.5	10.0	25.0	9.0	13.0	27.3	0.1	X	5.4
3112	Grain and Oilseed Milling	4.9	11.7	X	0.0	3.4	0.0	X	X	0.1
311221	Wet Corn Milling	0.0	0.0	X	0.0	0.0	X	X	X	X
31131	Sugar Manufacturing	0.0	0.0	X	X	0.0	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	3.2	6.3	16.1	4.6	3.5	29.8	0.1	X	22.3
3115	Dairy Product	4.7	4.5	0.1	21.7	6.5	23.1	X	X	0.1
3116	Animal Slaughtering and Processing	3.0	4.3	0.1	9.4	3.2	38.9	X	X	2.7
312	Beverage and Tobacco Products	6.9	4.4	X	3.0	9.6	11.3	X	X	74.4
3121	Beverages	7.3	4.5	X	3.1	10.5	11.6	X	X	74.4
3122	Tobacco	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
313	Textile Mills	63.4	66.8	0.1	38.2	48.4	0.5	X	X	97.0
314	Textile Product Mills	27.5	40.5	X	0.1	23.4	71.7	0.1	X	X
315	Apparel	35.3	38.6	X	98.4	53.1	98.5	X	X	X
316	Leather and Allied Products	7.7	6.1	78.4	11.5	11.8	44.3	X	X	0.0
321	Wood Products	5.4	17.7	0.1	15.8	20.0	26.0	0.1	X	5.4
321113	Sawmills	1.7	2.3	0.1	4.2	2.9	2.3	0.1	X	2.2
3212	Veneer, Plywood, and Engineered Woods	0.1	0.6	X	5.1	0.8	3.4	X	X	0.1
321219	Reconstituted Wood Products	0.1	0.1	X	0.1	0.1	0.1	X	X	0.1
3219	Other Wood Products	22.6	27.0	X	31.4	30.8	34.5	X	X	44.2
322	Paper	1.5	7.0	0.1	5.5	3.7	17.2	0.1	X	0.2
322110	Pulp Mills	0.0	0.0	X	0.0	0.0	0.0	X	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	X	X	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
323	Printing and Related Support	18.0	19.8	51.8	36.6	19.5	35.5	X	X	70.6
324	Petroleum and Coal Products	0.2	0.5	12.5	4.7	1.0	3.3	0.1	X	0.1
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
324121	Asphalt Paving Mixture and Block	4.0	5.5	13.3	6.3	5.9	19.4	X	X	1.1
324122	Asphalt Shingle and Coating Materials	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
324199	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
325	Chemicals	6.1	11.3	61.0	31.0	6.1	42.5	81.1	X	0.1
325110	Petrochemicals	0.0	0.0	X	0.0	0.0	X	X	X	0.0
325120	Industrial Gases	18.2	22.5	X	0.0	8.3	0.1	X	X	0.0
325180	Other Basic Inorganic Chemicals	4.1	7.3	X	0.2	4.7	1.3	X	X	0.1
325193	Ethyl Alcohol	0.0	0.0	X	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	0.0	0.0	X	X	0.0
325199	Other Basic Organic Chemicals	1.4	5.4	X	2.8	1.5	66.2	X	X	0.1
325211	Plastics Materials and Resins	17.5	17.3	0.1	19.4	25.5	16.3	X	X	0.1
325212	Synthetic Rubber	0.0	0.0	X	0.0	0.0	0.0	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	X	0.0	0.0	X	X	0.0
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
325312	Phosphatic Fertilizers	0.0	0.0	X	0.0	X	0.0	X	X	0.0
3254	Pharmaceuticals and Medicines	12.7	35.0	X	44.6	5.4	57.1	X	X	36.9
325412	Pharmaceutical Preparation	4.8	4.3	X	49.3	2.6	74.8	X	X	75.0
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
326	Plastics and Rubber Products	22.9	26.5	X	77.0	34.5	48.6	66.4	X	51.8
327	Nonmetallic Mineral Products	3.9	4.0	13.6	39.7	5.9	35.7	0.1	0.1	0.4
327120	Clay Building Material and Refractories	1.9	1.7	X	0.1	2.1	5.6	X	X	29.8
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327212	Other Pressed and Blown Glass and Glassware	2.9	2.6	X	0.1	3.3	1.7	X	X	15.1
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327215	Glass Products from Purchased Glass	1.7	2.5	X	0.4	1.9	0.6	81.2	X	0.8
327310	Cements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
327420	Gypsum	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327993	Mineral Wool	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
331	Primary Metals	1.0	1.7	0.1	1.7	2.1	6.7	0.1	0.1	0.1
331110	Iron and Steel Mills and Ferroalloys	1.3	2.2	X	0.9	3.0	2.6	0.1	0.1	0.1



3312	Steel Products from Purchased Steel	5.9	4.1	X	42.4	10.2	23.8	X	X	0.1
3313	Alumina and Aluminum	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
3314	Nonferrous Metals, except Aluminum	4.1	9.2	X	18.5	2.9	9.3	X	X	0.7
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
3315	Foundries	1.7	2.1	0.1	4.8	1.6	11.1	X	4.5	0.5
331511	Iron Foundries	1.9	2.3	X	6.7	2.0	7.1	X	4.5	0.8
331523	Nonferrous Metal Die-Casting Foundries	2.5	0.9	X	X	3.6	0.3	X	X	2.4
331524	Aluminum Foundries, except Die-Casting	1.2	1.1	0.1	10.2	2.3	1.0	X	X	0.1
332	Fabricated Metal Products	28.0	25.9	X	58.6	35.7	51.9	X	X	62.6
333	Machinery	21.9	21.3	X	84.9	24.0	81.5	X	X	54.1
334	Computer and Electronic Products	10.2	11.8	0.1	65.0	11.0	54.2	X	X	0.1
334413	Semiconductors and Related Devices	6.8	7.1	0.1	0.3	6.9	20.1	X	X	0.1
335	Electrical Equip., Appliances, and Components	16.8	18.3	X	37.0	19.9	54.2	X	0.1	43.3
336	Transportation Equipment	19.2	21.5	0.1	8.8	19.6	68.9	X	X	51.7
336111	Automobiles	0.0	0.0	X	X	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	X	X	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	3.9	5.3	0.0	0.1	2.9	9.0	X	X	16.8
336411	Aircraft	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
337	Furniture and Related Products	38.9	27.0	X	91.3	34.0	78.0	X	X	94.5
339	Miscellaneous	20.4	19.7	0.1	42.8	32.8	71.5	X	X	90.1
	Total	2.0	3.9	5.3	11.4	3.0	13.2	7.3	0.1	1.5

**Midwest Census Region**

311	Food	2.5	3.8	12.8	24.5	3.6	18.4	0.1	0.1	2.7
3112	Grain and Oilseed Milling	1.3	1.6	37.6	11.0	2.6	38.1	0.1	X	1.5
311221	Wet Corn Milling	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	3.7	5.5	0.1	19.5	3.8	22.3	X	X	9.6
3115	Dairy Product	3.7	3.9	17.3	47.7	4.1	50.7	0.1	X	0.1
3116	Animal Slaughtering and Processing	3.1	3.0	0.1	21.4	3.9	22.0	X	X	20.1
312	Beverage and Tobacco Products	3.1	4.1	X	18.1	3.1	22.6	0.1	X	84.0
3121	Beverages	3.2	4.1	X	18.1	3.1	22.6	0.1	X	84.0
3122	Tobacco	0.0	0.0	X	0.0	0.0	X	X	X	X
313	Textile Mills	6.5	4.6	X	88.3	10.1	13.8	X	X	0.1
314	Textile Product Mills	56.2	40.5	X	87.6	66.5	56.5	X	X	87.6
315	Apparel	67.5	68.9	X	X	66.5	X	X	X	X
316	Leather and Allied Products	6.0	9.0	X	X	6.9	4.9	X	X	X
321	Wood Products	8.3	5.8	0.1	29.4	8.1	24.4	0.1	X	17.1
321113	Sawmills	2.0	3.1	0.1	21.6	4.3	7.3	X	X	0.7
3212	Veneer, Plywood, and Engineered Woods	2.9	1.6	X	19.5	7.9	14.2	0.1	X	2.3
321219	Reconstituted Wood Products	0.4	1.8	X	0.1	0.7	8.8	0.1	X	0.1
3219	Other Wood Products	18.6	9.7	X	57.2	15.2	34.3	X	X	50.4
322	Paper	1.8	4.5	0.1	3.8	3.9	25.7	0.1	X	0.1
322110	Pulp Mills	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
322121	Paper Mills, except Newsprint	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1
322122	Newsprint Mills	0.0	0.0	X	X	0.0	X	X	X	0.0
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
323	Printing and Related Support	15.7	17.5	X	37.9	17.4	18.5	X	X	98.4
324	Petroleum and Coal Products	0.1	0.3	30.6	4.1	0.5	0.1	X	X	0.1
324110	Petroleum Refineries	0.1	0.2	X	0.1	0.1	0.1	X	X	0.1
324121	Asphalt Paving Mixture and Block	3.8	5.2	31.2	13.7	3.8	16.6	X	X	47.1
324122	Asphalt Shingle and Coating Materials	3.2	2.3	0.1	0.1	3.3	10.4	X	X	0.1
324199	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
325	Chemicals	5.2	3.2	0.1	12.9	3.3	17.2	6.3	X	37.3
325110	Petrochemicals	5.9	37.4	X	X	0.1	85.4	X	X	X
325120	Industrial Gases	5.7	6.1	X	13.9	2.8	39.9	X	X	13.9
325180	Other Basic Inorganic Chemicals	8.3	1.4	X	22.6	14.0	12.5	X	X	0.1
325193	Ethyl Alcohol	3.2	3.7	X	26.5	4.1	10.1	2.6	X	7.3
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
325199	Other Basic Organic Chemicals	32.7	4.0	X	5.6	1.8	10.7	25.7	X	61.3
325211	Plastics Materials and Resins	12.2	10.0	0.1	1.4	6.2	7.2	40.5	X	0.7
325212	Synthetic Rubber	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	X	0.0	0.0	X	X	X
325311	Nitrogenous Fertilizers	0.5	1.1	X	41.7	0.4	79.1	X	X	0.1
325312	Phosphatic Fertilizers	0.0	0.0	X	0.0	0.0	0.0	X	X	X
3254	Pharmaceuticals and Medicines	1.4	1.4	X	0.7	2.4	2.5	0.1	X	0.1
325412	Pharmaceutical Preparation	1.6	1.3	X	0.8	3.3	0.1	0.1	X	0.2
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	X	X	0.0	0.0	X	X	0.0
326	Plastics and Rubber Products	14.5	13.8	X	78.5	21.8	23.2	X	X	81.3
327	Nonmetallic Mineral Products	3.1	5.2	X	14.0	6.6	24.6	0.1	0.1	3.4
327120	Clay Building Material and Refractories	4.0	3.4	X	6.1	4.4	4.7	19.4	X	27.3
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327212	Other Pressed and Blown Glass and Glassware	0.3	0.7	X	0.1	0.3	0.0	X	X	0.1



3254	Pharmaceuticals and Medicines	1.4	2.1	X	1.0	1.6	29.9	X	X	0.1
325412	Pharmaceutical Preparation	1.9	3.0	X	1.1	2.1	15.5	X	X	0.1
325992	Photographic Film, Paper, Plate, and Chemicals	6.4	2.1	X	0.1	10.2	49.3	X	X	0.1
326	Plastics and Rubber Products	13.5	13.3	X	79.4	19.7	26.9	97.5	X	60.6
327	Nonmetallic Mineral Products	4.6	7.3	6.1	27.2	7.7	25.9	2.1	33.8	1.2
327120	Clay Building Material and Refractories	4.5	2.9	59.3	11.6	5.3	11.6	0.0	X	0.3
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327212	Other Pressed and Blown Glass and Glassware	1.3	1.5	X	0.1	1.3	0.1	X	X	0.1
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327215	Glass Products from Purchased Glass	16.8	2.4	79.8	5.8	30.8	18.9	X	X	7.6
327310	Cements	1.6	1.7	0.1	1.7	5.1	5.4	1.2	38.2	1.6
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
327420	Gypsum	0.3	3.2	X	0.1	0.1	2.6	X	X	0.1
327993	Mineral Wool	0.5	0.7	X	0.1	0.6	3.0	X	0.1	0.0
331	Primary Metals	1.0	1.8	0.1	1.5	1.3	7.6	0.1	0.4	3.2
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3312	Steel Products from Purchased Steel	4.7	1.8	X	7.0	2.4	28.7	X	X	22.2
3313	Alumina and Aluminum	0.5	0.3	X	0.1	0.7	1.7	X	X	0.1
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
331315	Aluminum Sheet, Plate and Foils	2.0	2.3	X	0.1	2.0	11.5	X	X	0.1
331318	Other Aluminum Rolling, Drawing and Extruding	1.9	1.4	X	0.1	2.7	2.9	X	X	0.8
3314	Nonferrous Metals, except Aluminum	2.7	5.1	X	0.6	1.2	24.9	0.1	0.1	0.6
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
3315	Foundries	12.9	23.0	X	2.5	16.1	10.1	X	2.6	7.4
331511	Iron Foundries	1.6	2.2	X	2.5	1.5	16.4	X	2.6	9.3
331523	Nonferrous Metal Die-Casting Foundries	0.9	1.0	X	1.7	1.0	19.4	X	X	0.2
331524	Aluminum Foundries, except Die-Casting	1.9	1.6	X	0.1	2.4	8.0	X	X	16.4
332	Fabricated Metal Products	18.6	18.3	X	53.9	24.7	29.3	X	X	64.2
333	Machinery	21.5	20.0	99.0	42.7	31.7	31.9	X	X	90.3
334	Computer and Electronic Products	7.7	8.2	X	15.5	9.7	54.9	X	X	18.2
334413	Semiconductors and Related Devices	1.4	1.9	X	4.1	0.1	0.2	X	X	0.0
335	Electrical Equip., Appliances, and Components	12.2	13.4	X	32.1	15.8	29.3	X	X	45.8
336	Transportation Equipment	9.8	10.2	0.1	57.5	12.0	23.4	X	X	22.8
336111	Automobiles	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
336112	Light Trucks and Utility Vehicles	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
3364	Aerospace Product and Parts	21.2	19.6	X	88.8	19.8	42.3	X	X	36.5
336411	Aircraft	37.2	35.5	X	90.0	29.2	4.9	X	X	69.1
337	Furniture and Related Products	13.6	14.2	X	35.7	20.0	32.4	77.3	X	34.1
339	Miscellaneous	38.6	20.5	X	68.5	56.1	81.0	X	X	X
	Total	0.9	2.0	1.4	8.7	0.9	4.4	1.2	2.2	1.4

**West Census Region**

311	Food	4.2	5.4	X	23.7	5.4	25.6	0.3	0.1	8.4
3112	Grain and Oilseed Milling	2.5	3.0	X	14.9	3.1	10.8	X	X	36.0
311221	Wet Corn Milling	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
31131	Sugar Manufacturing	0.1	0.1	X	0.1	0.1	0.1	0.1	0.1	0.1
3114	Fruit and Vegetable Preserving and Specialty Food	2.7	5.6	X	16.9	3.0	53.1	X	X	16.7
3115	Dairy Product	3.3	4.2	X	40.4	3.3	2.9	X	X	72.9
3116	Animal Slaughtering and Processing	4.2	3.1	X	27.2	4.2	58.7	26.8	X	0.1
312	Beverage and Tobacco Products	10.4	24.1	X	25.7	7.9	17.4	0.1	X	1.6
3121	Beverages	10.4	24.1	X	25.7	7.9	17.4	0.1	X	1.6
3122	Tobacco	X	X	X	X	X	X	X	X	X
313	Textile Mills	12.8	11.5	X	X	17.1	14.6	X	X	0.1
314	Textile Product Mills	60.8	34.1	X	X	71.8	76.7	X	X	X
315	Apparel	23.0	31.7	X	X	15.8	94.4	X	X	X
316	Leather and Allied Products	7.3	7.5	X	53.6	11.6	35.7	X	X	53.6
321	Wood Products	1.9	3.2	X	5.1	5.0	16.6	X	X	1.8
321113	Sawmills	1.4	4.6	X	3.4	1.5	15.1	X	X	1.5
3212	Veneer, Plywood, and Engineered Woods	1.3	1.4	X	7.1	2.5	2.8	X	X	1.9
321219	Reconstituted Wood Products	0.4	0.5	X	0.0	1.0	7.4	X	X	0.1
3219	Other Wood Products	14.8	12.6	X	25.8	25.9	32.4	X	X	28.1
322	Paper	2.0	4.6	0.1	0.1	4.6	20.1	0.1	X	0.1
322110	Pulp Mills	0.0	0.0	0.0	0.0	X	0.0	X	X	0.0
322121	Paper Mills, except Newsprint	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
322122	Newsprint Mills	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
323	Printing and Related Support	27.7	23.5	X	81.8	42.5	41.0	X	X	97.1
324	Petroleum and Coal Products	0.2	0.3	6.6	3.6	0.6	0.1	0.1	X	0.1
324110	Petroleum Refineries	0.2	0.3	0.1	0.1	0.5	0.0	X	X	0.1
324121	Asphalt Paving Mixture and Block	8.4	5.4	55.0	13.6	9.1	4.0	X	X	0.1
324122	Asphalt Shingle and Coating Materials	2.4	1.1	X	64.8	3.0	1.4	X	X	33.7
324199	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
325	Chemicals	2.7	3.2	X	0.3	6.1	22.4	0.1	X	0.5
325110	Petrochemicals	0.0	0.0	X	X	0.0	X	X	X	X
325120	Industrial Gases	2.9	3.1	X	87.1	0.2	60.7	X	X	80.0
325180	Other Basic Inorganic Chemicals	1.3	3.5	X	0.2	3.9	11.5	0.1	X	0.6

325193	Ethyl Alcohol	21.6	32.2	X	0.1	21.3	0.1	X	X	0.1
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	X	0.0	0.0	X	X	0.0
325199	Other Basic Organic Chemicals	1.5	3.6	X	5.2	1.2	8.2	X	X	1.2
325211	Plastics Materials and Resins	25.4	1.4	X	13.8	39.8	7.6	X	X	0.1
325212	Synthetic Rubber	0.0	0.0	X	X	0.0	0.0	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	X	0.0	0.0	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
325312	Phosphatic Fertilizers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
3254	Pharmaceuticals and Medicines	3.9	5.7	X	1.5	4.5	6.8	X	X	0.1
325412	Pharmaceutical Preparation	4.9	9.5	X	0.1	3.5	7.8	X	X	0.1
325992	Photographic Film, Paper, Plate, and Chemicals	0.3	0.8	X	0.1	0.2	0.0	X	X	0.1
326	Plastics and Rubber Products	39.6	45.7	X	99.0	42.6	52.7	X	X	99.0
327	Nonmetallic Mineral Products	3.5	3.4	X	39.1	8.5	17.3	0.1	0.1	0.2
327120	Clay Building Material and Refractories	1.2	4.1	X	0.1	1.2	2.4	X	X	6.8
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327212	Other Pressed and Blown Glass and Glassware	1.6	1.4	X	5.4	2.0	6.3	X	X	0.0
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327215	Glass Products from Purchased Glass	6.9	13.0	X	0.1	1.6	5.4	X	X	2.1
327310	Cements	0.3	0.3	X	20.9	0.0	0.0	0.0	0.0	0.0
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
327420	Gypsum	0.4	4.2	X	0.1	0.1	0.1	X	X	0.1
327993	Mineral Wool	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
331	Primary Metals	0.4	0.4	X	0.1	0.5	5.1	X	0.1	0.2
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
3312	Steel Products from Purchased Steel	1.1	1.9	X	0.1	0.4	5.5	X	X	0.1
3313	Alumina and Aluminum	0.1	0.1	X	0.1	0.2	2.3	X	X	1.3
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	X	0.1	0.1	0.1	X	X	0.1
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
331318	Other Aluminum Rolling, Drawing and Extruding	0.9	2.5	X	0.1	0.8	3.0	X	X	30.1
3314	Nonferrous Metals, except Aluminum	1.4	1.9	X	0.3	1.1	12.8	X	0.1	0.8
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	1.7	2.5	X	0.0	1.3	24.6	X	X	0.0
3315	Foundries	1.6	1.8	X	0.1	2.1	9.2	X	0.1	0.2
331511	Iron Foundries	0.0	0.0	X	0.0	0.0	0.0	X	0.0	0.0
331523	Nonferrous Metal Die-Casting Foundries	2.9	2.4	X	X	3.7	6.7	X	X	43.7
331524	Aluminum Foundries, except Die-Casting	2.3	3.3	X	0.1	2.5	1.0	X	X	0.1
332	Fabricated Metal Products	28.8	25.5	X	70.1	43.5	56.1	X	X	76.2
333	Machinery	25.4	22.9	X	97.5	40.8	71.9	X	X	90.7
334	Computer and Electronic Products	3.8	3.8	X	11.4	5.6	52.5	X	X	11.9
334413	Semiconductors and Related Devices	1.4	1.5	X	1.5	1.4	0.1	X	X	0.1
335	Electrical Equip., Appliances, and Components	30.8	29.1	X	39.1	37.9	40.4	X	X	40.0
336	Transportation Equipment	9.7	10.3	X	11.0	12.2	35.7	X	X	42.9
336111	Automobiles	0.0	0.0	X	X	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	0.0
3364	Aerospace Product and Parts	8.5	4.1	X	6.4	10.4	7.3	X	X	43.2
336411	Aircraft	5.4	5.1	X	13.8	5.4	5.0	X	X	60.4
337	Furniture and Related Products	23.6	26.8	X	X	34.5	30.2	X	X	99.0
339	Miscellaneous	19.1	19.2	X	58.6	23.4	49.0	X	X	95.8
	Total	1.2	4.4	4.5	13.9	1.9	6.3	0.1	0.1	0.2

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

(b) 'Net Electricity' is obtained by summing purchases, transfers in, and generation from noncombustible renewable resources, minus quantities sold and transferred out. It does not include electricity inputs from onsite cogeneration or generation from combustible fuels because that energy has already been included as generating fuel (for example, coal).

(c) 'Distillate Fuel Oil' includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.

(d) 'Natural Gas' includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.

(e) Hydrocarbon Gas Liquids '(HGL)' include ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids (NGL).

(f) 'Other' includes net steam (the sum of purchases, generation from renewables, and net transfers), and other energy that respondents indicated was used to produce heat and power.

\* 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. Energy source is not included in series.

Notes: Totals may not equal sum of components because of independent rounding. The estimates presented in this table are for the total consumption of energy (formerly total inputs of energy) for the production of heat, power, and electricity generation, regardless of where the energy was produced. Specifically, the estimates include the quantities of energy that were originally produced offsite and purchased by or transferred to the establishment, plus those that were produced onsite from other energy or input materials not classified as energy, or were extracted from captive (onsite) mines or wells. During manufacturing processes, it is possible that the thermal energy content of an energy input is not completely consumed for the production of heat, power, or electricity generation. Hence, residuals of that input may remain. Those residual leftovers may be subsequently consumed for fuel purposes, whether onsite or offsite at another manufacturing establishment (for example, blast furnace gas as a byproduct recovered from coke and other inputs that were not completely consumed). In such cases, double counting of inputs cannot be avoided, and the "Fuel Consumption" estimates will be inflated.

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