

Released: October 2017  
 Next MECS will be fielded in 2019

**Table 4.2 Offsite-Produced Fuel Consumption, 2014;**

**Level: National and Regional Data;**  
**Row: NAICS Codes; Column: Energy Sources;**  
**Unit: Trillion Btu.**

NAICS Code(a)	Subsector and Industry	Total	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	1,025	247	4	20	570	6	110	1	68
3112	Grain and Oilseed Milling	277	50	*	1	133	*	65	0	28
311221	Wet Corn Milling	139	22	0	*	48	*	55	0	14
31131	Sugar Manufacturing	90	5	*	2	16	*	45	1	22
3114	Fruit and Vegetable Preserving and Specialty Food	144	33	*	1	105	1	*	0	3
3115	Dairy Product	109	35	1	3	68	1	*	0	2
3116	Animal Slaughtering and Processing	200	62	1	5	126	2	*	0	4
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	98	44	*	*	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	182	75	*	10	49	3	1	0	44
321113	Sawmills	44	19	*	5	6	*	*	0	13
3212	Veneer, Plywood, and Engineered Woods	75	25	0	2	28	1	1	0	18
321219	Reconstituted Wood Products	50	17	0	*	20	*	1	0	11
3219	Other Wood Products	58	29	*	3	13	2	0	0	11
322	Paper	1,111	211	17	5	436	3	146	0	293
322110	Pulp Mills	62	6	2	1	29	*	1	0	22
322121	Paper Mills, except Newsprint	433	68	9	2	160	1	93	0	100
322122	Newsprint Mills	48	28	0	*	8	*	1	0	11
322130	Paperboard Mills	465	65	5	2	188	1	45	0	159
323	Printing and Related Support	89	48	*	*	39	1	0	0	*
324	Petroleum and Coal Products	1,690	183	4	8	1,071	8	8	0	408
324110	Petroleum Refineries	1,563	173	2	2	1,000	7	1	0	378
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	44	2	0	*	8	*	7	0	26
325	Chemicals	3,152	499	1	10	1,989	4	237	0	413
325110	Petrochemicals	384	W	0	*	W	1	0	0	W
325120	Industrial Gases	109	68	0	*	38	*	0	0	3
325180	Other Basic Inorganic Chemicals	311	81	0	1	W	*	53	0	W
325193	Ethyl Alcohol	490	39	0	1	363	*	80	0	7
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	40	10	0	*	24	*	0	0	5
325199	Other Basic Organic Chemicals	673	W	*	2	W	*	59	0	182
325211	Plastics Materials and Resins	509	82	*	1	W	1	14	0	W
325212	Synthetic Rubber	34	4	0	*	19	*	1	0	10
325220	Artificial and Synthetic Fibers and Filaments	35	11	*	*	13	*	10	0	*
325311	Nitrogenous Fertilizers	173	13	*	*	158	*	0	0	1
325312	Phosphatic Fertilizers	36	7	*	2	25	*	2	0	*
3254	Pharmaceuticals and Medicines	94	36	0	1	W	*	3	0	W
325412	Pharmaceutical Preparation	46	19	0	1	W	*	3	0	W
325992	Photographic Film, Paper, Plate, and Chemicals	9	3	*	*	4	*	0	0	2
326	Plastics and Rubber Products	293	190	0	Q	90	4	Q	0	Q
327	Nonmetallic Mineral Products	827	129	*	19	333	3	235	14	94
327120	Clay Building Material and Refractories	43	W	*	1	W	*	1	0	W
327211	Flat Glass	62	6	0	*	47	*	0	0	9
327212	Other Pressed and Blown Glass and Glassware	32	W	0	*	W	*	0	0	*
327213	Glass Containers	58	12	0	*	46	*	0	0	*
327215	Glass Products from Purchased Glass	23	11	*	*	11	*	*	0	*
327310	Cements	296	37	*	4	21	*	158	12	64
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	1,370	448	*	6	643	3	18	221	29
331110	Iron and Steel Mills and Ferroalloys	848	206	*	4	401	*	17	204	15
3312	Steel Products from Purchased Steel	57	22	0	1	27	*	0	0	7
3313	Alumina and Aluminum	256	130	*	1	117	1	0	0	6
331314	Secondary Smelting and Alloying of Aluminum	33	16	0	*	16	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	62	15	0	*	45	*	0	0	2
331318	Other Aluminum Rolling, Drawing and Extruding	19	6	*	*	13	*	0	0	*
3314	Nonferrous Metals, except Aluminum	92	45	0	*	42	1	1	2	1
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	45	27	0	*	16	*	1	*	1

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	163	80	*	5	72	3	Q	0	1
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	317	154	1	4	145	4	1	*	8
336111	Automobiles	32	12	0	*	19	*	*	0	1
336112	Light Trucks and Utility Vehicles	39	12	0	*	25	*	*	0	2
3364	Aerospace Product and Parts	67	32	*	Q	29	*	0	0	4
336411	Aircraft	23	11	*	Q	10	*	0	0	*
337	Furniture and Related Products	34	17	0	*	15	1	*	0	Q
339	Miscellaneous	57	29	*	Q	26	1	0	0	Q
	Total	11,113	2,696	28	95	5,844	55	776	237	1,382

**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	*
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	16	7	*	2	5	1	*	0	2
321113	Sawmills	3	1	*	1	*	*	*	0	*
3212	Veneer, Plywood, and Engineered Woods	3	1	0	*	1	*	0	0	1
321219	Reconstituted Wood Products	3	1	0	*	1	*	0	0	1
3219	Other Wood Products	10	4	0	1	3	1	0	0	1
322	Paper	146	23	8	*	57	*	22	0	35
322110	Pulp Mills	4	*	0	*	3	*	0	0	*
322121	Paper Mills, except Newsprint	100	11	7	*	29	*	20	0	32
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	65	10	1	2	38	*	1	0	13
324110	Petroleum Refineries	51	8	*	*	29	*	1	0	13
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	132	W	*	1	W	*	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	W	0	1	W	*	0	0	*
325412	Pharmaceutical Preparation	8	W	0	1	W	*	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	95	W	*	4	W	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	W	0	*	W	*	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	120	44	*	1	70	*	1	*	3
331110	Iron and Steel Mills and Ferroalloys	69	23	0	*	44	*	1	0	*

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	0	*	6	*	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	4	1	*	*	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	*	*
336411	Aircraft	2	1	*	*	1	*	0	0	*
337	Furniture and Related Products	3	1	0	*	1	*	0	0	*
339	Miscellaneous	13	6	*	*	6	*	0	0	Q
	Total	858	268	11	15	422	8	47	1	87

**Midwest Census Region**

311	Food	471	109	*	4	246	1	86	1	24
3112	Grain and Oilseed Milling	215	34	*	1	100	*	59	0	21
311221	Wet Corn Milling	123	19	0	*	42	*	50	0	12
31131	Sugar Manufacturing	35	2	*	*	5	*	27	1	*
3114	Fruit and Vegetable Preserving and Specialty Food	30	10	*	*	19	*	0	0	*
3115	Dairy Product	42	13	*	1	27	*	*	0	1
3116	Animal Slaughtering and Processing	80	25	*	1	52	*	0	0	1
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	27	9	*	2	11	1	1	0	Q
321113	Sawmills	3	1	*	1	1	*	0	0	*
3212	Veneer, Plywood, and Engineered Woods	9	2	0	*	4	*	1	0	1
321219	Reconstituted Wood Products	6	1	0	*	3	*	1	0	1
3219	Other Wood Products	15	5	0	Q	5	*	0	0	Q
322	Paper	207	45	*	1	81	1	42	0	36
322110	Pulp Mills	2	1	0	*	1	*	0	0	*
322121	Paper Mills, except Newsprint	111	20	*	*	37	*	35	0	18
322122	Newsprint Mills	3	1	0	0	*	0	0	0	2
322130	Paperboard Mills	53	10	*	*	25	*	3	0	16
323	Printing and Related Support	28	14	0	*	14	*	0	0	*
324	Petroleum and Coal Products	238	36	*	1	150	3	0	0	47
324110	Petroleum Refineries	211	33	0	*	130	3	0	0	45
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	7	1	0	*	4	*	0	0	2
325	Chemicals	825	130	*	1	W	1	117	0	W
325110	Petrochemicals	*	*	0	0	*	*	0	0	0
325120	Industrial Gases	21	20	0	*	1	*	0	0	*
325180	Other Basic Inorganic Chemicals	27	8	0	*	16	*	0	0	3
325193	Ethyl Alcohol	452	36	0	*	328	*	80	0	7
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	56	15	*	*	W	*	11	0	W
325212	Synthetic Rubber	2	*	0	*	1	*	1	0	*
325220	Artificial and Synthetic Fibers and Filaments	*	*	0	0	*	*	0	0	0
325311	Nitrogenous Fertilizers	41	5	0	*	36	*	0	0	*
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	W	1	65	12	W
327120	Clay Building Material and Refractories	8	W	0	*	W	*	*	0	*
327211	Flat Glass	15	2	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	72	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	746	169	*	3	357	2	8	191	16
331110	Iron and Steel Mills and Ferroalloys	554	83	*	2	268	*	8	179	13
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	91	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	148	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	3,400	829	1	20	1,759	18	323	203	247

**South Census Region**

311	Food	280	77	1	6	148	2	6	0	40
3112	Grain and Oilseed Milling	50	12	*	*	25	*	6	0	7
311221	Wet Corn Milling	14	3	0	*	4	*	5	0	2
31131	Sugar Manufacturing	26	2	*	1	2	*	0	0	22
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	1
3121	Beverages	33	10	0	*	18	*	2	0	1
3122	Tobacco	8	3	*	*	5	*	1	0	*
313	Textile Mills	71	36	*	*	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	95	44	*	5	22	1	0	0	24
321113	Sawmills	19	10	0	3	1	*	0	0	5
3212	Veneer, Plywood, and Engineered Woods	47	16	0	1	17	1	0	0	12
321219	Reconstituted Wood Products	35	12	0	*	14	*	0	0	9
3219	Other Wood Products	26	Q	*	Q	3	1	0	0	Q
322	Paper	624	100	8	3	236	1	80	0	195
322110	Pulp Mills	54	5	2	1	25	*	1	0	21
322121	Paper Mills, except Newsprint	187	28	2	1	72	*	39	0	45
322122	Newsprint Mills	24	12	0	*	7	*	1	0	4
322130	Paperboard Mills	328	38	4	2	119	*	39	0	125
323	Printing and Related Support	40	22	0	*	16	Q	0	0	*
324	Petroleum and Coal Products	1,002	109	1	3	622	2	0	0	265
324110	Petroleum Refineries	940	105	*	1	592	1	0	0	241
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	22	1	0	*	2	*	0	0	20
325	Chemicals	2,053	W	1	6	W	2	73	0	W
325110	Petrochemicals	384	W	0	*	W	1	0	0	W
325120	Industrial Gases	69	31	0	*	36	*	0	0	1
325180	Other Basic Inorganic Chemicals	189	47	0	*	W	*	9	0	W
325193	Ethyl Alcohol	13	1	0	*	12	*	0	0	*
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	25	8	0	*	12	*	0	0	5
325199	Other Basic Organic Chemicals	545	W	*	2	W	*	46	0	121
325211	Plastics Materials and Resins	435	62	*	1	341	1	3	0	27
325212	Synthetic Rubber	32	3	0	*	18	*	0	0	10
325220	Artificial and Synthetic Fibers and Filaments	35	11	*	*	13	*	10	0	*
325311	Nitrogenous Fertilizers	124	7	0	*	117	0	0	0	*
325312	Phosphatic Fertilizers	32	6	*	1	22	*	2	0	*
3254	Pharmaceuticals and Medicines	21	W	0	*	10	*	0	0	W
325412	Pharmaceutical Preparation	12	W	0	*	5	*	0	0	W

325992	Photographic Film, Paper, Plate, and Chemicals	2	1	0	*	1	*	0	0	*
326	Plastics and Rubber Products	126	80	0	Q	38	2	*	0	Q
327	Nonmetallic Mineral Products	355	W	*	8	W	2	99	2	W
327120	Clay Building Material and Refractories	26	W	*	*	W	*	1	0	W
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	122	17	*	1	8	*	70	2	24
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	0	*
331	Primary Metals	420	189	*	2	180	1	9	30	9
331110	Iron and Steel Mills and Ferroalloys	200	86	*	1	78	*	8	25	1
3312	Steel Products from Purchased Steel	23	11	0	1	7	*	0	0	4
3313	Alumina and Aluminum	139	64	0	*	71	*	0	0	3
331314	Secondary Smelting and Alloying of Aluminum	21	14	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	27	15	0	*	10	*	1	1	*
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	12	10	0	*	1	*	1	0	*
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	13	8	0	*	5	*	*	0	*
339	Miscellaneous	22	9	0	Q	Q	*	0	0	0
	Total	5,461	1,212	12	43	2,975	20	277	32	890

**West Census Region**

311	Food	207	41	0	7	134	2	18	*	3
3112	Grain and Oilseed Milling	9	3	0	*	6	*	0	0	*
311221	Wet Corn Milling	2	*	0	*	2	*	0	0	*
31131	Sugar Manufacturing	28	1	0	*	8	*	18	*	*
3114	Fruit and Vegetable Preserving and Specialty Food	75	12	0	*	60	Q	0	0	2
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	44	16	0	2	12	1	0	0	13
321113	Sawmills	19	6	0	1	4	*	0	0	8
3212	Veneer, Plywood, and Engineered Woods	17	6	0	*	6	*	0	0	4
321219	Reconstituted Wood Products	6	3	0	*	3	*	0	0	1
3219	Other Wood Products	8	3	0	*	2	*	0	0	2
322	Paper	135	42	1	*	61	1	3	0	27
322110	Pulp Mills	2	*	*	*	0	*	0	0	1
322121	Paper Mills, except Newsprint	36	8	0	*	22	*	0	0	5
322122	Newsprint Mills	21	15	0	*	1	*	0	0	5
322130	Paperboard Mills	59	12	1	*	28	*	3	0	15
323	Printing and Related Support	8	4	0	*	3	*	0	0	*
324	Petroleum and Coal Products	385	28	2	1	261	2	7	0	84
324110	Petroleum Refineries	360	27	2	*	249	2	0	0	79
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	141	39	0	1	53	*	44	0	3
325110	Petrochemicals	*	*	0	0	*	0	0	0	0
325120	Industrial Gases	7	7	0	*	*	*	0	0	*
325180	Other Basic Inorganic Chemicals	80	18	0	1	16	*	44	0	2
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	79	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	36	17	0	*	18	Q	0	0	*
333	Machinery	10	7	0	*	2	*	0	0	*
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	34	18	0	*	16	*	0	0	*
336111	Automobiles	4	2	0	0	2	*	0	0	0
336112	Light Trucks and Utility Vehicles	*	*	0	*	*	*	0	0	*
3364	Aerospace Product and Parts	22	11	0	*	10	*	0	0	*
336411	Aircraft	5	2	0	*	2	*	0	0	*
337	Furniture and Related Products	4	3	0	0	1	*	0	0	*
339	Miscellaneous	7	5	0	*	2	*	0	0	*
	Total	1,394	387	4	18	688	10	129	2	158

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

(b) 'Electricity' consists of quantities of electricity that were purchased or transferred in, and is equivalent to 'purchased electricity' as defined in the 'Annual Survey of Manufactures.'

(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 all other energy that was purchased or transferred in and not shown elsewhere.

\* 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 derived estimates presented in this table are for the first use (formerly primary consumption) of energy for heat and power and as feedstocks or raw material inputs. First use is defined as the consumption of the energy that was originally produced offsite or was produced onsite from input materials not classified as energy. Examples of the latter are hydrogen produced from the electrolysis of brine; the output of captive (onsite) mines or wells; wood chips, bark, and wood waste from wood purchased as a raw material input; and waste materials, such as wastepaper and packing materials. First use excludes quantities of energy that are produced from other energy inputs and, therefore, avoids double counting.

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and Office of Petroleum and Biofuels Statistics, Form EIA-810, 'Monthly Refinery Report' for 2014.

**RSE Table 4.2 Relative Standard Errors for Table 4.2;**

Unit: Percents.

NAICS Code(a)	Subsector and Industry	Total	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	2.7	2.5	16.2	11.0	3.1	12.2	0.1	0.1	12.9
3112	Grain and Oilseed Milling	1.3	1.9	37.1	8.0	2.3	31.2	0.1	X	2.4
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	22.1
3115	Dairy Product	2.0	2.2	0.4	26.6	2.3	20.7	0.1	X	22.0
3116	Animal Slaughtering and Processing	2.1	2.3	14.9	7.3	2.8	17.7	26.8	X	27.0
312	Beverage and Tobacco Products	3.7	7.6	0.1	18.5	4.4	10.3	0.1	X	4.4
3121	Beverages	4.1	8.4	X	19.8	5.0	11.1	0.1	X	4.4
3122	Tobacco	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1
313	Textile Mills	16.1	13.5	48.0	55.7	17.1	10.9	43.2	X	40.5
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	6.8	11.6	0.1	9.7	3.9	8.9	0.1	X	8.5
321113	Sawmills	2.1	3.2	0.1	12.1	3.0	11.0	0.1	X	0.5
3212	Veneer, Plywood, and Engineered Woods	3.1	4.8	X	8.5	4.1	5.1	0.1	X	1.0
321219	Reconstituted Wood Products	4.3	7.1	X	5.5	4.6	11.1	0.1	X	0.1
3219	Other Wood Products	20.9	29.5	0.1	25.8	11.5	15.1	X	X	32.6
322	Paper	0.6	1.5	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	18.2	17.6	51.8	25.1	20.0	33.8	X	X	56.0
324	Petroleum and Coal Products	0.2	0.1	5.7	2.5	0.3	1.0	0.1	X	0.3
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	1.9	1.7	14.2	4.3	1.0	6.7	3.3	X	12.3
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	1.9	1.9	X	3.0	3.3	14.5	0.1	X	1.1
325193	Ethyl Alcohol	3.0	3.6	X	25.8	3.8	8.6	2.6	X	7.5
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	5.5	3.2	0.1	2.6	1.4	20.1	5.7	X	19.9
325211	Plastics Materials and Resins	1.7	2.6	17.8	5.0	0.8	4.6	32.4	X	5.3
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	3.2	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	2.6	22.7	0.1	X	0.1
325412	Pharmaceutical Preparation	1.4	1.9	X	36.8	1.6	25.5	0.1	X	0.2
325992	Photographic Film, Paper, Plate, and Chemicals	1.6	0.7	0.1	0.1	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	72.6
327	Nonmetallic Mineral Products	2.2	3.7	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	3.4	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	1.4
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	0.6	1.2	0.1	0.8	0.6	2.5	0.1	0.4	3.4
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	14.9
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	X	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	2.3	2.2	X	3.2	3.8	4.1	0.1	13.6	2.1
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.7	0.7	X	0.0	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	34.1
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	32.3
336	Transportation Equipment	4.7	5.1	0.1	34.0	5.5	16.3	0.1	17.2	11.7
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	7.2	6.8	0.1	68.1	6.4	14.3	X	X	19.8
336411	Aircraft	19.7	19.0	0.1	84.4	14.0	3.2	X	X	40.7
337	Furniture and Related Products	8.8	8.3	X	54.6	13.2	27.2	4.4	X	61.8
339	Miscellaneous	16.1	9.3	0.1	67.5	27.2	49.1	X	X	79.7
	Total	0.8	1.2	2.3	5.6	0.8	4.3	1.1	0.5	3.8

**Northeast Census Region**

311	Food	10.5	10.0	25.0	9.0	13.0	27.3	0.1	X	5.9
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	6.4	16.1	4.6	3.5	29.8	0.1	X	23.8
3115	Dairy Product	4.7	4.5	0.1	21.7	6.5	23.1	X	X	0.1
3116	Animal Slaughtering and Processing	3.1	4.3	0.1	9.4	3.2	38.9	X	X	3.1
312	Beverage and Tobacco Products	6.9	4.4	X	3.0	9.6	11.3	X	X	80.8
3121	Beverages	7.3	4.5	X	3.1	10.5	11.6	X	X	80.8
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	12.0	17.7	0.1	15.8	20.0	26.0	0.1	X	13.6
321113	Sawmills	1.8	2.3	0.1	4.2	2.9	2.3	0.1	X	3.4
3212	Veneer, Plywood, and Engineered Woods	0.5	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	19.3	27.0	X	31.4	30.8	34.5	X	X	26.1
322	Paper	2.2	5.7	0.1	5.5	3.7	17.2	0.1	X	0.5
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	0.7	0.5	12.6	5.6	1.0	10.7	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	6.2	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	0.0
325211	Plastics Materials and Resins	17.8	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	13.0	34.8	X	44.6	5.6	57.1	X	X	36.9
325412	Pharmaceutical Preparation	5.2	4.4	X	49.3	3.0	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	3.7	13.6	39.7	5.9	35.7	0.1	0.1	0.4
327120	Clay Building Material and Refractories	1.9	1.8	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	2.6	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	1.7	1.7	0.1	1.7	2.1	6.7	0.1	4.5	0.3
331110	Iron and Steel Mills and Ferroalloys	2.7	2.2	X	0.9	3.0	2.6	0.1	X	2.8
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	X	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	9.1	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	67.3
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	16.7	17.9	X	37.0	19.9	54.2	X	0.1	44.1
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	26.7	27.0	X	91.3	34.0	78.0	X	X	99.0
339	Miscellaneous	20.4	19.7	0.1	42.8	32.8	71.5	X	X	90.1
	Total	2.7	3.9	5.4	11.7	3.0	14.7	7.3	3.2	5.5

#### Midwest Census Region

311	Food	2.6	3.8	12.8	24.5	3.6	18.4	0.1	0.1	2.8
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	11.6
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	3.2	3.0	0.1	21.4	3.9	22.0	X	X	32.9
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	10.5	5.8	0.1	29.4	8.1	24.4	0.1	X	51.2
321113	Sawmills	5.1	3.1	0.1	21.6	4.3	7.3	X	X	6.1
3212	Veneer, Plywood, and Engineered Woods	4.3	1.6	X	19.5	7.9	14.2	0.1	X	12.0
321219	Reconstituted Wood Products	0.7	1.8	X	0.1	0.7	8.8	0.1	X	0.1
3219	Other Wood Products	19.2	9.7	X	57.2	15.2	34.3	X	X	76.7
322	Paper	2.3	4.6	0.1	3.8	3.9	25.7	0.1	X	0.4
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	15.8	17.5	X	37.9	17.4	18.5	X	X	97.5
324	Petroleum and Coal Products	0.3	0.3	30.6	5.9	0.5	0.4	X	X	0.3
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	41.5
325110	Petrochemicals	5.9	37.4	X	X	0.1	85.4	X	X	X
325120	Industrial Gases	5.8	6.1	X	13.9	2.8	39.9	X	X	13.9
325180	Other Basic Inorganic Chemicals	8.4	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	8.2
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	61.5
325211	Plastics Materials and Resins	13.1	10.0	0.1	1.4	6.2	7.2	40.5	X	1.3

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	4.1	3.4	X	6.1	4.4	4.7	19.4	X	27.4
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
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327215	Glass Products from Purchased Glass	0.8	1.0	X	3.7	0.9	31.4	X	X	0.1
327310	Cements	0.3	1.7	X	4.4	0.2	0.0	0.0	0.0	0.1
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
327420	Gypsum	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327993	Mineral Wool	2.7	1.2	X	32.5	2.1	11.2	X	0.1	41.9
331	Primary Metals	0.8	2.5	0.1	1.2	0.7	2.3	0.1	0.5	0.3
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	23.5	46.4	X	16.6	10.1	17.2	X	X	32.6
3313	Alumina and Aluminum	0.2	0.1	X	0.1	0.3	3.5	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	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
331318	Other Aluminum Rolling, Drawing and Extruding	2.0	1.5	X	1.4	2.5	9.0	X	X	49.7
3314	Nonferrous Metals, except Aluminum	6.5	2.2	X	9.1	13.0	1.0	X	23.9	3.8
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	X	0.0	0.0	0.0	X	0.0	0.0
3315	Foundries	2.3	2.2	0.1	11.8	3.0	6.6	0.1	8.6	1.2
331511	Iron Foundries	3.1	3.5	0.0	3.5	2.0	4.5	0.1	8.6	0.8
331523	Nonferrous Metal Die-Casting Foundries	1.7	1.7	X	4.3	2.0	15.0	X	X	15.0
331524	Aluminum Foundries, except Die-Casting	15.6	6.8	X	86.5	17.8	11.4	X	X	12.7
332	Fabricated Metal Products	13.6	11.6	X	41.9	16.4	30.1	X	X	53.3
333	Machinery	13.6	13.0	X	42.0	16.1	24.8	87.6	X	38.9
334	Computer and Electronic Products	33.1	25.4	X	77.0	50.9	62.5	X	X	87.4
334413	Semiconductors and Related Devices	0.1	0.1	X	0.1	0.1	0.1	X	X	0.1
335	Electrical Equip., Appliances, and Components	21.0	24.5	X	68.4	23.7	93.9	X	X	82.3
336	Transportation Equipment	8.1	9.3	0.1	49.3	8.5	29.9	0.1	17.2	11.0
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	2.0	2.5	0.1	0.1	3.2	2.7	X	X	0.2
336411	Aircraft	1.9	1.9	X	0.0	2.2	7.5	X	X	12.5
337	Furniture and Related Products	17.9	16.8	X	2.1	21.8	44.1	0.1	X	82.4
339	Miscellaneous	19.1	18.8	X	63.0	29.0	48.0	X	X	98.4
	Total	1.7	2.0	7.2	10.4	1.8	8.5	2.3	0.5	14.8

**South Census Region**

311	Food	8.7	5.8	13.8	12.4	9.2	14.3	0.1	X	21.8
3112	Grain and Oilseed Milling	4.0	6.4	55.7	17.0	6.8	11.9	0.1	X	8.7
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	X	X	0.1
3114	Fruit and Vegetable Preserving and Specialty Food	6.9	20.7	0.1	11.0	4.4	26.5	X	X	0.1
3115	Dairy Product	4.0	5.0	X	14.6	4.4	7.2	X	X	0.5
3116	Animal Slaughtering and Processing	3.4	4.1	16.3	9.3	4.8	11.5	X	X	42.3
312	Beverage and Tobacco Products	5.2	3.4	0.1	39.8	8.3	21.2	0.1	X	9.8
3121	Beverages	6.5	4.5	X	48.8	10.4	25.8	0.1	X	9.8
3122	Tobacco	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1
313	Textile Mills	11.0	11.5	67.5	59.4	16.7	31.9	43.2	X	0.3
314	Textile Product Mills	11.2	10.8	0.0	19.5	14.9	53.4	11.0	X	44.2
315	Apparel	10.7	10.7	X	90.1	14.3	69.1	X	X	0.2
316	Leather and Allied Products	13.5	19.1	89.5	46.8	13.2	10.1	X	X	1.7
321	Wood Products	12.7	19.7	0.1	17.0	6.3	11.8	X	X	12.2
321113	Sawmills	4.5	5.5	X	24.2	11.0	34.5	X	X	0.4
3212	Veneer, Plywood, and Engineered Woods	4.9	7.5	X	13.1	6.5	8.6	X	X	1.1
321219	Reconstituted Wood Products	6.2	10.3	X	10.8	6.9	15.9	X	X	0.1
3219	Other Wood Products	45.4	51.5	0.1	56.3	30.1	23.8	X	X	52.7
322	Paper	0.8	2.9	0.1	0.3	1.4	11.1	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	0.0	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	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	39.1	36.4	X	33.2	44.5	51.1	X	X	63.3
324	Petroleum and Coal Products	0.3	0.1	6.9	3.4	0.4	3.4	X	X	0.4

324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
324121	Asphalt Paving Mixture and Block	11.5	8.0	7.7	5.2	12.1	3.3	X	X	29.2
324122	Asphalt Shingle and Coating Materials	1.1	1.1	X	2.2	1.0	36.2	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	1.9	2.1	4.3	3.5	0.8	6.4	0.1	X	11.3
325110	Petrochemicals	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
325120	Industrial Gases	6.2	12.6	X	52.8	1.4	0.1	X	X	0.1
325180	Other Basic Inorganic Chemicals	2.7	2.6	X	11.6	3.8	29.9	0.1	X	1.4
325193	Ethyl Alcohol	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
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	1.6	4.2	0.1	2.8	1.5	14.2	0.2	X	4.2
325211	Plastics Materials and Resins	0.7	2.2	43.5	5.9	0.5	5.8	1.9	X	6.9
325212	Synthetic Rubber	0.0	0.0	X	0.0	0.0	0.0	X	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	4.5	8.5	X	0.0	4.4	X	X	X	0.0
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
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	13.4	13.3	X	79.4	19.7	26.9	97.5	X	76.8
327	Nonmetallic Mineral Products	4.6	7.6	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	1.7	0.1	1.5	1.3	7.6	0.1	0.4	11.2
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	23.3
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	3.1	5.1	X	0.6	1.2	24.9	0.1	0.1	9.1
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	14.0	14.2	X	35.7	20.0	32.4	77.3	X	66.5
339	Miscellaneous	38.6	20.5	X	68.5	56.1	81.0	X	X	X
	Total	1.1	1.9	1.5	9.1	0.9	5.9	1.2	2.2	4.1

**West Census Region**

311	Food	4.3	5.3	X	23.7	5.4	25.6	0.3	0.1	27.1
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	2.8	5.6	X	16.9	3.0	53.1	X	X	30.8
3115	Dairy Product	3.3	4.2	X	40.4	3.3	2.9	X	X	72.9
3116	Animal Slaughtering and Processing	4.3	3.1	X	27.2	4.2	58.7	26.8	X	0.1
312	Beverage and Tobacco Products	10.5	24.5	X	25.7	7.9	17.4	0.1	X	1.7
3121	Beverages	10.5	24.5	X	25.7	7.9	17.4	0.1	X	1.7
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	2.6	2.7	X	5.1	5.0	16.6	X	X	3.2
321113	Sawmills	1.2	3.0	X	3.4	1.5	15.1	X	X	0.7
3212	Veneer, Plywood, and Engineered Woods	1.2	1.4	X	7.1	2.5	2.8	X	X	0.1
321219	Reconstituted Wood Products	0.5	0.5	X	0.0	1.0	7.4	X	X	0.1
3219	Other Wood Products	14.2	12.4	X	25.8	25.9	32.4	X	X	25.1
322	Paper	3.0	3.8	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	27.3	23.4	X	81.8	42.5	41.0	X	X	97.1
324	Petroleum and Coal Products	0.4	0.3	7.5	6.6	0.6	0.3	0.1	X	0.1
324110	Petroleum Refineries	0.4	0.3	0.1	0.1	0.5	0.1	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	2.9	3.2	X	0.3	6.1	22.4	0.1	X	2.4
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	1.5	3.5	X	0.2	4.0	11.5	0.1	X	4.9
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	3.7	X	5.2	1.2	8.2	X	X	1.5
325211	Plastics Materials and Resins	28.4	1.4	X	13.8	39.8	7.6	X	X	0.0
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	5.8	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	2.9	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	23.0	23.0	X	97.5	40.8	71.9	X	X	99.0
334	Computer and Electronic Products	3.8	3.8	X	11.4	5.6	52.5	X	X	12.0
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	30.2	29.1	X	39.1	37.9	40.4	X	X	39.5
336	Transportation Equipment	9.3	10.3	X	11.0	12.2	35.7	X	X	35.5
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	6.3	4.1	X	6.4	10.4	7.3	X	X	38.1
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	19.2	19.3	X	58.6	23.4	49.0	X	X	95.8
	Total	1.7	4.3	4.9	14.2	1.9	9.7	0.1	0.1	0.6

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

(b) 'Electricity' consists of quantities of electricity that were purchased or transferred in, and is equivalent to 'purchased electricity' as defined in the 'Annual Survey of Manufactures.'

(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 all other energy that was purchased or transferred in and not shown elsewhere.

\* 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 derived estimates presented in this table are for the first use (formerly primary consumption) of energy for heat and power and as feedstocks or raw material inputs. First use is defined as the consumption of the energy that was originally produced offsite or was produced onsite from input materials not classified as energy. Examples of the latter are hydrogen produced from the electrolysis of brine; the output of captive (onsite) mines or wells; wood chips, bark, and wood waste from wood purchased as a raw material input; and waste materials, such as wastepaper and packing materials. First use excludes quantities of energy that are produced from other energy inputs and, therefore, avoids double counting.

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and Office of Petroleum and Biofuels Statistics, Form EIA-810, 'Monthly Refinery Report' for 2014.