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Next MECS will be fielded in 2019

**Table 7.9 Expenditures for Purchased Energy Sources, 2014;**

Level: National and Regional Data;

Row: NAICS Codes; Column: Energy Sources;

Unit: Million U.S. Dollars.

NAICS Code(a)	Subsector and Industry	Total	Electricity	Residual Fuel Oil	Distillate Fuel Oil(b)	Natural Gas(c)	HGL (excluding gasoline)(d)	Coal	Coke and Breeze	Other(e)
<b>Total United States</b>										
311	Food	10,066	5,681	60	495	3,132	109	280	25	284
3112	Grain and Oilseed Milling	1,951	911	1	21	682	6	166	0	163
311221	Wet Corn Milling	862	354	0	8	261	1	140	0	99
31131	Sugar Manufacturing	365	98	1	38	88	1	112	25	2
3114	Fruit and Vegetable Preserving and Specialty Food	1,387	774	4	23	541	27	*	0	18
3115	Dairy Product	1,304	824	12	59	392	9	1	0	8
3116	Animal Slaughtering and Processing	2,229	1,349	15	116	700	24	1	0	24
312	Beverage and Tobacco Products	1,299	929	*	26	259	29	30	0	26
3121	Beverages	1,198	863	0	25	228	28	27	0	26
3122	Tobacco	101	66	*	1	30	2	3	0	*
313	Textile Mills	1,230	839	3	Q	235	12	26	0	Q
314	Textile Product Mills	341	211	*	2	112	10	5	0	2
315	Apparel	94	W	0	Q	W	Q	0	0	*
316	Leather and Allied Products	40	W	*	*	W	1	0	0	*
321	Wood Products	2,723	1,820	4	261	306	73	4	0	256
321113	Sawmills	824	580	*	109	34	7	*	0	93
3212	Veneer, Plywood, and Engineered Woods	804	483	1	40	161	21	4	0	94
321219	Reconstituted Wood Products	509	304	1	9	112	8	4	0	72
3219	Other Wood Products	984	719	*	73	97	43	0	0	50
322	Paper	8,097	3,788	256	107	2,337	60	584	0	965
322110	Pulp Mills	382	104	36	16	162	2	6	0	55
322121	Paper Mills, except Newsprint	2,905	1,165	148	42	858	15	340	0	337
322122	Newsprint Mills	W	W	0	2	43	1	3	0	W
322130	Paperboard Mills	2,861	1,067	68	43	952	10	208	0	514
323	Printing and Related Support	1,537	1,246	Q	2	266	20	0	0	Q
324	Petroleum and Coal Products	20,358	3,012	21	115	5,821	24	W	W	10,159
324110	Petroleum Refineries	9,951	2,744	0	0	5,406	*	3	0	1,798
324121	Asphalt Paving Mixture and Block	6,327	119	21	87	258	11	0	0	5,831
324122	Asphalt Shingle and Coating Materials	2,430	62	*	3	63	6	2	0	2,294
324199	Other Petroleum and Coal Products	1,525	37	0	11	42	1	W	W	235
325	Chemicals	58,225	8,663	617	284	11,487	30,519	691	40	5,924
325110	Petrochemicals	11,699	323	7	16	1,036	9,327	0	0	990
325120	Industrial Gases	1,744	1,146	0	3	560	1	0	0	34
325180	Other Basic Inorganic Chemicals	2,982	1,204	600	26	752	54	110	40	195
325193	Ethyl Alcohol	2,862	699	0	10	1,957	3	159	0	34
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	294	149	0	3	113	3	0	0	27
325199	Other Basic Organic Chemicals	16,276	1,005	*	109	2,191	9,075	246	0	3,650
325211	Plastics Materials and Resins	15,601	1,314	1	22	1,798	11,866	43	0	557
325212	Synthetic Rubber	244	85	0	1	89	1	2	0	66
325220	Artificial and Synthetic Fibers and Filaments	327	198	1	4	73	1	47	0	2
325311	Nitrogenous Fertilizers	W	237	1	5	1,780	2	0	0	W
325312	Phosphatic Fertilizers	315	137	4	38	122	1	12	0	1
3254	Pharmaceuticals and Medicines	1,279	909	0	21	304	3	11	0	32
325412	Pharmaceutical Preparation	634	449	0	17	131	1	11	0	26
325992	Photographic Film, Paper, Plate, and Chemicals	W	72	0	*	20	*	0	0	W
326	Plastics and Rubber Products	4,936	4,076	0	Q	618	96	Q	0	22
327	Nonmetallic Mineral Products	6,060	2,652	5	463	1,785	79	849	42	184
327120	Clay Building Material and Refractories	326	115	*	14	181	3	8	4	2
327211	Flat Glass	345	104	0	1	232	1	*	0	7
327212	Other Pressed and Blown Glass and Glassware	268	139	0	1	125	2	0	0	1
327213	Glass Containers	493	259	0	4	226	3	0	0	*
327215	Glass Products from Purchased Glass	343	261	*	1	75	4	*	0	2
327310	Cements	1,530	678	3	83	101	2	527	24	113
327410	Lime	500	100	0	27	34	*	298	3	37
327420	Gypsum	373	109	0	11	248	4	0	0	*
327993	Mineral Wool	338	208	Q	1	108	4	0	12	4
331	Primary Metals	15,067	7,238	6	141	3,518	59	W	W	367
331110	Iron and Steel Mills and Ferroalloys	W	3,208	6	89	2,202	4	W	W	W
3312	Steel Products from Purchased Steel	673	481	0	12	152	8	2	0	19
3313	Alumina and Aluminum	2,621	1,791	*	17	592	9	0	0	212
331314	Secondary Smelting and Alloying of Aluminum	374	278	0	4	89	2	0	0	1
331315	Aluminum Sheet, Plate and Foils	474	253	0	4	213	2	0	0	1
331318	Other Aluminum Rolling, Drawing and Extruding	217	126	*	2	84	5	0	0	*
3314	Nonferrous Metals, except Aluminum	W	744	0	10	232	19	44	61	W
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	526	370	0	4	85	1	44	7	14
3315	Foundries	1,717	1,015	*	13	339	19	13	315	2
331511	Iron Foundries	872	427	*	9	103	4	13	315	1
331523	Nonferrous Metal Die-Casting Foundries	276	168	0	1	101	6	0	0	*
331524	Aluminum Foundries, except Die-Casting	117	65	*	Q	47	3	0	0	*
332	Fabricated Metal Products	5,051	3,595	0	55	1,218	142	4	0	37
333	Machinery	2,831	2,068	*	115	514	87	Q	0	39
334	Computer and Electronic Products	3,883	3,529	3	12	312	7	0	0	20
334413	Semiconductors and Related Devices	2,377	2,207	2	2	153	*	0	0	13
335	Electrical Equip., Appliances, and Components	1,182	947	0	11	167	20	0	3	34
336	Transportation Equipment	4,683	3,391	20	80	961	103	5	3	120
336111	Automobiles	393	247	0	1	116	1	2	0	26
336112	Light Trucks and Utility Vehicles	414	227	0	4	149	1	1	0	32
3364	Aerospace Product and Parts	1,057	784	1	Q	192	14	0	0	36
336411	Aircraft	351	249	*	Q	72	1	0	0	4
337	Furniture and Related Products	664	518	0	Q	114	18	2	0	Q
339	Miscellaneous	1,086	853	*	Q	194	13	0	0	Q
	<b>Total</b>	<b>149,453</b>	<b>55,162</b>	<b>996</b>	<b>2,310</b>	<b>33,377</b>	<b>31,484</b>	<b>5,335</b>	<b>2,227</b>	<b>18,562</b>

**Northeast Census Region**

311	Food	893	525	41	44	265	14	*	0	5
3112	Grain and Oilseed Milling	45	34	0	1	10	*	0	0	*
311221	Wet Corn Milling	2	1	0	1	1	0	0	0	0
31131	Sugar Manufacturing	4	4	0	0	1	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	132	73	1	3	47	5	*	0	2
3115	Dairy Product	192	109	12	16	53	2	0	0	*
3116	Animal Slaughtering and Processing	115	68	*	16	29	1	0	0	1
312	Beverage and Tobacco Products	181	125	0	4	46	5	0	0	Q
3121	Beverages	175	123	0	4	42	5	0	0	Q
3122	Tobacco	6	2	0	*	4	*	0	0	*
313	Textile Mills	W	W	1	*	W	7	0	0	W
314	Textile Product Mills	W	W	0	*	5	Q	1	0	0
315	Apparel	13	12	0	Q	Q	*	0	0	0
316	Leather and Allied Products	9	6	*	*	2	*	0	0	*
321	Wood Products	292	192	*	38	W	18	*	0	W
321113	Sawmills	64	W	*	15	1	2	*	0	W
3212	Veneer, Plywood, and Engineered Woods	38	W	0	2	W	2	0	0	W
321219	Reconstituted Wood Products	31	W	0	1	W	1	0	0	W
3219	Other Wood Products	182	123	0	16	W	14	0	0	W
322	Paper	1,283	535	129	12	370	10	83	0	145
322110	Pulp Mills	30	2	0	1	25	*	0	0	2
322121	Paper Mills, except Newsprint	749	234	121	8	185	5	76	0	120
322122	Newsprint Mills	0	0	0	0	0	0	0	0	0
322130	Paperboard Mills	234	106	3	1	104	1	0	0	17
323	Printing and Related Support	265	222	Q	*	40	1	0	0	*
324	Petroleum and Coal Products	1,801	214	6	34	226	4	4	0	1,314
324110	Petroleum Refineries	369	166	0	0	166	0	3	0	34
324121	Asphalt Paving Mixture and Block	1,267	31	6	32	44	3	0	0	1,152
324122	Asphalt Shingle and Coating Materials	137	4	0	*	4	1	1	0	128
324199	Other Petroleum and Coal Products	11	3	0	*	8	*	0	0	*
325	Chemicals	2,397	1,048	Q	26	452	753	Q	0	98
325110	Petrochemicals	5	2	0	*	2	0	0	0	*
325120	Industrial Gases	210	173	0	1	13	*	0	0	24
325180	Other Basic Inorganic Chemicals	209	169	0	*	24	*	0	0	15
325193	Ethyl Alcohol	57	14	0	*	43	*	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	40	12	0	*	28	*	0	0	*
325199	Other Basic Organic Chemicals	W	54	0	1	55	146	0	0	W
325211	Plastics Materials and Resins	756	100	*	*	46	595	0	0	16
325212	Synthetic Rubber	3	2	0	*	1	*	0	0	*
325220	Artificial and Synthetic Fibers and Filaments	3	2	0	0	*	*	0	0	*
325311	Nitrogenous Fertilizers	9	3	1	1	4	*	0	0	1
325312	Phosphatic Fertilizers	*	*	0	*	0	*	0	0	*
3254	Pharmaceuticals and Medicines	494	344	0	15	134	1	0	0	1
325412	Pharmaceutical Preparation	141	93	0	13	35	*	0	0	1
325992	Photographic Film, Paper, Plate, and Chemicals	W	35	0	*	7	*	0	0	W
326	Plastics and Rubber Products	606	500	0	Q	63	12	Q	0	*
327	Nonmetallic Mineral Products	765	303	1	75	279	15	70	*	22
327120	Clay Building Material and Refractories	49	19	0	2	27	1	0	0	*
327211	Flat Glass	64	18	0	*	44	*	*	0	1
327212	Other Pressed and Blown Glass and Glassware	65	36	0	*	27	*	0	0	1
327213	Glass Containers	101	56	0	*	44	1	0	0	*
327215	Glass Products from Purchased Glass	50	33	0	*	15	1	*	0	*
327310	Cements	131	51	1	7	13	*	43	*	15
327410	Lime	36	4	0	3	*	*	27	0	2
327420	Gypsum	44	13	0	1	30	*	0	0	*
327993	Mineral Wool	24	10	0	1	13	*	0	0	*
331	Primary Metals	1,982	756	*	14	359	11	776	24	41
331110	Iron and Steel Mills and Ferroalloys	1,414	411	0	9	207	1	776	*	10
3312	Steel Products from Purchased Steel	73	40	0	*	24	1	0	0	8
3313	Alumina and Aluminum	W	99	*	2	59	2	0	0	W
331314	Secondary Smelting and Alloying of Aluminum	3	1	0	*	1	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	63	W	0	*	W	1	0	0	*
331318	Other Aluminum Rolling, Drawing and Extruding	W	W	*	1	20	2	0	0	*
3314	Nonferrous Metals, except Aluminum	W	118	0	1	43	1	*	18	W
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	20	12	0	*	2	*	0	5	*
3315	Foundries	129	89	*	2	26	6	*	6	*
331511	Iron Foundries	64	45	0	1	9	2	*	6	*
331523	Nonferrous Metal Die-Casting Foundries	16	9	0	0	6	2	0	0	*
331524	Aluminum Foundries, except Die-Casting	10	7	*	*	2	1	0	0	*
332	Fabricated Metal Products	673	471	0	Q	163	Q	0	0	Q
333	Machinery	429	317	0	Q	70	Q	0	0	Q
334	Computer and Electronic Products	672	584	3	Q	72	Q	0	0	5
334413	Semiconductors and Related Devices	259	217	2	1	34	*	0	0	5
335	Electrical Equip., Appliances, and Components	273	213	0	10	W	4	0	3	W
336	Transportation Equipment	348	238	*	6	88	Q	*	0	7
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	143	103	*	3	36	1	0	0	Q
336411	Aircraft	30	21	*	1	7	*	0	0	*
337	Furniture and Related Products	83	62	0	Q	11	Q	0	0	*
339	Miscellaneous	238	179	*	*	54	Q	0	0	Q
	<b>Total</b>	<b>13,530</b>	<b>6,677</b>	<b>186</b>	<b>324</b>	<b>2,709</b>	<b>902</b>	<b>969</b>	<b>27</b>	<b>1,738</b>

**Midwest Census Region**

311	Food	4,205	2,329	1	97	1,372	19	207	22	157
3112	Grain and Oilseed Milling	1,400	585	1	14	517	5	139	0	140
311221	Wet Corn Milling	747	301	0	5	231	1	116	0	94
31131	Sugar Manufacturing	168	41	*	2	36	*	67	22	*
3114	Fruit and Vegetable Preserving and Specialty Food	342	222	*	4	111	4	0	0	1
3115	Dairy Product	488	291	*	Q	159	4	1	0	5
3116	Animal Slaughtering and Processing	852	527	0	20	295	2	0	0	8
312	Beverage and Tobacco Products	175	105	0	1	62	5	3	0	*
3121	Beverages	174	104	0	1	61	5	3	0	*

3122	Tobacco	1	1	0	*	*	0	0	0	0
313	Textile Mills	W	W	0	*	W	*	0	0	*
314	Textile Product Mills	W	W	0	*	W	*	0	0	*
315	Apparel	Q	Q	0	0	Q	0	0	0	0
316	Leather and Allied Products	18	W	0	0	W	*	0	0	0
321	Wood Products	390	235	2	48	W	12	4	0	W
321113	Sawmills	61	W	*	16	4	1	0	0	W
3212	Veneer, Plywood, and Engineered Woods	94	W	0	5	W	2	4	0	W
321219	Reconstituted Wood Products	57	W	0	2	W	1	4	0	W
3219	Other Wood Products	216	145	0	Q	W	8	0	0	W
322	Paper	1,721	866	4	15	466	16	165	0	190
322110	Pulp Mills	20	13	0	*	7	*	0	0	*
322121	Paper Mills, except Newsprint	764	342	3	11	207	3	129	0	68
322122	Newsprint Mills	W	W	0	0	*	0	0	0	W
322130	Paperboard Mills	422	166	1	3	132	2	15	0	104
323	Printing and Related Support	448	358	0	*	85	4	0	0	*
324	Petroleum and Coal Products	4,550	W	3	27	957	8	W	W	2,133
324110	Petroleum Refineries	1,558	540	0	0	843	*	0	0	174
324121	Asphalt Paving Mixture and Block	1,388	16	3	14	51	1	0	0	1,303
324122	Asphalt Shingle and Coating Materials	W	19	*	1	21	2	0	0	W
324199	Other Petroleum and Coal Products	W	W	0	5	23	1	W	W	W
325	Chemicals	7,104	2,297	47	23	2,938	1,085	262	0	451
325110	Petrochemicals	1	*	0	0	1	*	0	0	0
325120	Industrial Gases	326	305	0	*	20	*	0	0	1
325180	Other Basic Inorganic Chemicals	291	134	47	2	85	*	0	0	22
325193	Ethyl Alcohol	2,599	622	0	10	1,779	*	159	0	29
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	44	25	0	1	15	3	0	0	*
325199	Other Basic Organic Chemicals	W	218	0	3	131	371	25	0	W
325211	Plastics Materials and Resins	1,029	277	*	3	136	551	32	0	29
325212	Synthetic Rubber	15	9	0	*	3	*	2	0	*
325220	Artificial and Synthetic Fibers and Filaments	5	3	0	0	2	*	0	0	0
325311	Nitrogenous Fertilizers	W	86	0	*	397	*	0	0	W
325312	Phosphatic Fertilizers	2	1	0	*	1	*	0	0	*
3254	Pharmaceuticals and Medicines	315	207	0	1	69	*	11	0	27
325412	Pharmaceutical Preparation	226	152	0	1	41	*	11	0	22
325992	Photographic Film, Paper, Plate, and Chemicals	8	6	0	0	2	*	0	0	*
326	Plastics and Rubber Products	1,694	1,385	0	Q	273	26	0	0	Q
327	Nonmetallic Mineral Products	1,651	772	Q	56	489	26	222	32	52
327120	Clay Building Material and Refractories	62	21	0	1	34	1	1	4	*
327211	Flat Glass	94	26	0	*	66	*	0	0	2
327212	Other Pressed and Blown Glass and Glassware	63	25	0	*	37	1	0	0	*
327213	Glass Containers	110	55	0	1	53	1	0	0	*
327215	Glass Products from Purchased Glass	122	105	0	*	15	1	0	0	*
327310	Cements	W	170	0	17	17	1	W	19	W
327410	Lime	W	37	0	5	17	*	W	2	W
327420	Gypsum	69	21	0	2	45	1	0	0	*
327993	Mineral Wool	141	88	Q	*	39	1	0	7	4
331	Primary Metals	7,359	2,878	6	65	1,974	30	W	W	W
331110	Iron and Steel Mills and Ferroalloys	W	1,353	6	50	1,449	3	W	W	W
3312	Steel Products from Purchased Steel	306	215	0	2	83	3	*	0	2
3313	Alumina and Aluminum	W	494	0	5	155	2	0	0	W
331314	Secondary Smelting and Alloying of Aluminum	85	35	0	2	46	1	0	0	1
331315	Aluminum Sheet, Plate and Foils	152	83	0	2	66	*	0	0	1
331318	Other Aluminum Rolling, Drawing and Extruding	W	W	0	*	W	1	0	0	*
3314	Nonferrous Metals, except Aluminum	383	256	0	2	72	13	0	34	7
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	169	144	0	*	18	1	0	2	4
3315	Foundries	1,013	560	*	6	215	9	11	210	1
331511	Iron Foundries	587	289	*	4	71	2	11	210	*
331523	Nonferrous Metal Die-Casting Foundries	183	111	0	*	68	4	0	0	*
331524	Aluminum Foundries, except Die-Casting	69	36	0	Q	31	1	0	0	*
332	Fabricated Metal Products	2,414	1,594	0	11	723	71	4	0	11
333	Machinery	1,335	886	0	84	317	26	Q	0	16
334	Computer and Electronic Products	394	312	0	Q	74	Q	0	0	Q
334413	Semiconductors and Related Devices	44	42	0	*	3	*	0	0	*
335	Electrical Equip., Appliances, and Components	309	256	0	*	42	Q	0	0	Q
336	Transportation Equipment	2,092	1,467	1	36	467	27	5	3	86
336111	Automobiles	262	148	0	1	85	1	2	0	26
336112	Light Trucks and Utility Vehicles	258	129	0	2	107	1	1	0	19
3364	Aerospace Product and Parts	215	148	1	*	36	2	0	0	29
336411	Aircraft	48	36	0	*	11	*	0	0	*
337	Furniture and Related Products	213	151	0	2	58	2	1	0	*
339	Miscellaneous	301	250	0	*	44	Q	0	0	Q
	Total	36,456	16,805	65	473	10,455	1,371	2,298	1,746	3,243

**South Census Region**

311	Food	2,776	1,653	18	148	805	27	27	0	Q
3112	Grain and Oilseed Milling	390	215	0	5	119	1	27	0	22
311221	Wet Corn Milling	W	46	0	1	W	*	24	0	5
31131	Sugar Manufacturing	71	30	*	28	12	*	0	0	1
3114	Fruit and Vegetable Preserving and Specialty Food	307	192	3	3	105	3	0	0	2
3115	Dairy Product	183	137	0	11	34	*	0	0	*
3116	Animal Slaughtering and Processing	1,039	620	15	69	307	14	0	0	14
312	Beverage and Tobacco Products	432	305	*	8	92	9	12	0	6
3121	Beverages	338	243	0	7	66	7	9	0	5
3122	Tobacco	94	62	*	1	26	2	3	0	*
313	Textile Mills	845	626	Q	Q	W	5	26	0	W
314	Textile Product Mills	236	W	*	2	W	9	4	0	2
315	Apparel	64	W	0	*	W	Q	0	0	*
316	Leather and Allied Products	11	9	*	*	1	1	0	0	*
321	Wood Products	1,491	1,046	2	120	130	27	0	0	166
321113	Sawmills	474	369	0	43	9	2	0	0	51
3212	Veneer, Plywood, and Engineered Woods	495	294	1	24	95	11	0	0	69
321219	Reconstituted Wood Products	347	199	1	4	75	5	0	0	61
3219	Other Wood Products	455	360	*	Q	23	13	0	0	28
322	Paper	3,949	1,673	106	74	1,186	25	327	0	558
322110	Pulp Mills	319	82	32	15	130	2	6	0	53

322121	Paper Mills, except Newsprint	1,126	450	24	21	357	6	135	0	134
322122	Newsprint Mills	205	156	0	1	36	*	3	0	9
322130	Paperboard Mills	1,853	633	51	36	582	6	182	0	363
323	Printing and Related Support	653	522	0	1	116	12	0	0	Q
324	Petroleum and Coal Products	9,824	W	6	45	3,015	9	W	3	4,837
324110	Petroleum Refineries	5,639	1,443	0	0	2,850	0	0	0	1,346
324121	Asphalt Paving Mixture and Block	2,289	43	6	34	104	5	0	0	2,096
324122	Asphalt Shingle and Coating Materials	W	27	0	1	29	3	Q	0	W
324199	Other Petroleum and Coal Products	W	W	0	6	8	*	W	3	W
325	Chemicals	47,340	4,455	566	203	7,769	28,667	334	0	5,346
325110	Petrochemicals	11,693	320	7	16	1,034	9,327	0	0	989
325120	Industrial Gases	1,051	518	0	2	520	*	0	0	10
325180	Other Basic Inorganic Chemicals	1,938	591	553	4	565	51	32	0	143
325193	Ethyl Alcohol	75	18	0	*	57	*	0	0	*
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	198	111	0	2	58	*	0	0	27
325199	Other Basic Organic Chemicals	14,988	699	*	104	1,988	8,554	220	0	3,422
325211	Plastics Materials and Resins	13,775	911	*	19	1,602	10,720	11	0	513
325212	Synthetic Rubber	224	72	0	1	85	*	0	0	66
325220	Artificial and Synthetic Fibers and Filaments	317	192	1	4	71	1	47	0	2
325311	Nitrogenous Fertilizers	1,444	116	0	1	1,327	0	0	0	*
325312	Phosphatic Fertilizers	270	116	4	28	108	*	12	0	1
3254	Pharmaceuticals and Medicines	260	187	0	4	63	1	0	0	5
325412	Pharmaceutical Preparation	153	113	0	3	32	*	0	0	4
325992	Photographic Film, Paper, Plate, and Chemicals	26	18	0	*	7	*	0	0	*
326	Plastics and Rubber Products	2,003	1,621	0	Q	232	45	Q	0	Q
327	Nonmetallic Mineral Products	2,557	1,096	2	205	758	33	385	9	68
327120	Clay Building Material and Refractories	189	65	*	10	105	1	7	0	2
327211	Flat Glass	145	44	0	*	97	1	0	0	3
327212	Other Pressed and Blown Glass and Glassware	121	67	0	*	53	1	0	0	*
327213	Glass Containers	148	70	0	2	75	1	0	0	*
327215	Glass Products from Purchased Glass	128	86	*	*	39	2	0	0	1
327310	Cements	656	283	2	33	40	*	251	4	43
327410	Lime	204	45	0	15	16	*	111	0	16
327420	Gypsum	178	49	0	7	120	2	0	0	*
327993	Mineral Wool	116	68	0	*	41	2	0	5	*
331	Primary Metals	4,759	2,921	*	51	999	13	W	382	W
331110	Iron and Steel Mills and Ferroalloys	2,276	1,248	*	25	494	*	W	290	W
3312	Steel Products from Purchased Steel	272	208	0	9	41	3	2	0	8
3313	Alumina and Aluminum	1,405	942	*	9	339	4	0	0	111
331314	Secondary Smelting and Alloying of Aluminum	276	237	0	2	35	1	0	0	*
331315	Aluminum Sheet, Plate and Foils	229	119	0	2	106	1	0	0	*
331318	Other Aluminum Rolling, Drawing and Extruding	76	W	*	*	W	2	0	0	*
3314	Nonferrous Metals, except Aluminum	348	233	0	4	50	3	44	8	6
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	179	125	0	2	7	*	44	0	1
3315	Foundries	458	290	0	5	75	2	2	84	1
331511	Iron Foundries	190	81	0	4	18	*	2	84	1
331523	Nonferrous Metal Die-Casting Foundries	53	31	0	*	21	1	0	0	*
331524	Aluminum Foundries, except Die-Casting	27	15	0	*	11	*	0	0	*
332	Fabricated Metal Products	1,317	1,046	0	Q	210	36	0	0	Q
333	Machinery	754	594	*	10	105	23	0	0	Q
334	Computer and Electronic Products	545	496	0	1	43	Q	0	0	3
334413	Semiconductors and Related Devices	250	225	0	*	22	*	0	0	2
335	Electrical Equip., Appliances, and Components	507	404	0	1	W	9	0	0	W
336	Transportation Equipment	1,649	1,225	20	Q	290	57	0	0	23
336111	Automobiles	81	59	0	*	22	*	0	0	1
336112	Light Trucks and Utility Vehicles	155	98	0	2	42	1	0	0	13
3364	Aerospace Product and Parts	325	247	0	Q	47	4	0	0	3
336411	Aircraft	186	128	0	Q	33	1	0	0	Q
337	Furniture and Related Products	267	217	0	1	36	9	*	0	Q
339	Miscellaneous	339	235	0	Q	Q	Q	0	0	*
	Total	82,320	21,900	722	1,040	16,153	29,024	1,724	394	11,363

**West Census Region**

311	Food	2,192	1,175	0	207	689	49	46	4	23
3112	Grain and Oilseed Milling	116	78	0	1	36	1	0	0	*
311221	Wet Corn Milling	W	7	0	*	W	*	0	0	*
31131	Sugar Manufacturing	121	24	0	8	39	*	45	4	1
3114	Fruit and Vegetable Preserving and Specialty Food	607	287	0	13	279	15	0	0	13
3115	Dairy Product	441	286	0	4	146	3	0	0	Q
3116	Animal Slaughtering and Processing	222	135	0	12	68	Q	1	0	*
312	Beverage and Tobacco Products	511	393	0	13	59	11	15	0	20
3121	Beverages	511	393	0	13	59	11	15	0	20
3122	Tobacco	0	0	0	0	0	0	0	0	0
313	Textile Mills	43	W	0	0	W	*	0	0	2
314	Textile Product Mills	40	W	0	0	W	*	0	0	0
315	Apparel	13	12	0	0	1	*	0	0	0
316	Leather and Allied Products	3	2	0	*	*	*	0	0	*
321	Wood Products	549	346	0	55	73	16	0	0	59
321113	Sawmills	225	130	0	35	20	2	0	0	37
3212	Veneer, Plywood, and Engineered Woods	177	115	0	9	30	6	0	0	18
321219	Reconstituted Wood Products	75	55	0	1	13	1	0	0	5
3219	Other Wood Products	131	92	0	9	17	8	0	0	4
322	Paper	1,144	714	17	6	314	10	10	0	72
322110	Pulp Mills	13	7	4	*	0	*	0	0	1
322121	Paper Mills, except Newsprint	266	139	0	2	109	2	0	0	14
322122	Newsprint Mills	206	171	0	1	6	1	0	0	26
322130	Paperboard Mills	352	161	13	3	133	2	10	0	31
323	Printing and Related Support	171	144	0	*	25	2	0	0	*
324	Petroleum and Coal Products	4,183	642	6	9	1,623	4	25	0	1,876
324110	Petroleum Refineries	2,385	594	0	0	1,547	0	0	0	244
324121	Asphalt Paving Mixture and Block	1,383	30	6	7	58	2	0	0	1,280
324122	Asphalt Shingle and Coating Materials	373	12	0	Q	9	1	0	0	349
324199	Other Petroleum and Coal Products	32	2	0	*	2	*	25	0	2
325	Chemicals	1,384	863	0	32	327	15	79	40	29
325110	Petrochemicals	*	*	0	0	*	0	0	0	0
325120	Industrial Gases	157	149	0	*	7	1	0	0	*

325180	Other Basic Inorganic Chemicals	544	310	0	20	79	2	79	40	15
325193	Ethyl Alcohol	130	45	0	*	77	3	0	0	5
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	13	1	0	*	12	*	0	0	*
325199	Other Basic Organic Chemicals	60	34	0	*	16	3	0	0	7
325211	Plastics Materials and Resins	41	26	0	*	15	*	0	0	*
325212	Synthetic Rubber	3	2	0	0	*	*	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	1	1	0	0	*	*	0	0	*
325311	Nitrogenous Fertilizers	90	32	0	3	53	2	0	0	*
325312	Phosphatic Fertilizers	43	20	0	9	13	*	0	0	*
3254	Pharmaceuticals and Medicines	209	171	0	*	38	1	0	0	*
325412	Pharmaceutical Preparation	114	91	0	*	23	1	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	19	12	0	*	5	*	0	0	2
326	Plastics and Rubber Products	633	569	0	*	49	Q	0	0	Q
327	Nonmetallic Mineral Products	1,087	482	0	126	258	5	171	1	42
327120	Clay Building Material and Refractories	26	10	0	*	15	*	0	0	*
327211	Flat Glass	43	16	0	*	25	*	0	0	1
327212	Other Pressed and Blown Glass and Glassware	19	10	0	*	8	*	0	0	*
327213	Glass Containers	133	78	0	*	54	1	0	0	*
327215	Glass Products from Purchased Glass	44	36	0	*	6	*	0	0	1
327310	Cements	W	173	0	26	31	*	W	1	31
327410	Lime	W	14	0	5	2	*	W	*	8
327420	Gypsum	81	25	0	2	53	1	0	0	*
327993	Mineral Wool	57	42	0	*	14	*	0	0	*
331	Primary Metals	967	683	0	10	186	5	0	15	67
331110	Iron and Steel Mills and Ferroalloys	W	195	0	4	52	*	0	0	W
3312	Steel Products from Purchased Steel	23	18	0	1	3	1	0	0	*
3313	Alumina and Aluminum	W	255	0	2	40	1	0	0	W
331314	Secondary Smelting and Alloying of Aluminum	11	4	0	1	6	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	31	W	0	*	W	*	0	0	*
331318	Other Aluminum Rolling, Drawing and Extruding	W	W	0	*	9	*	0	0	*
3314	Nonferrous Metals, except Aluminum	219	138	0	2	67	1	0	1	9
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	158	89	0	2	58	*	0	0	9
3315	Foundries	117	76	0	1	24	2	0	14	*
331511	Iron Foundries	31	12	0	1	4	*	0	14	*
331523	Nonferrous Metal Die-Casting Foundries	24	17	0	0	7	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	11	8	0	*	3	*	0	0	*
332	Fabricated Metal Products	647	484	0	Q	123	23	0	0	Q
333	Machinery	312	271	0	Q	22	Q	0	0	*
334	Computer and Electronic Products	2,273	2,137	0	1	123	2	0	0	10
334413	Semiconductors and Related Devices	1,824	1,723	0	*	95	*	0	0	6
335	Electrical Equip., Appliances, and Components	93	74	0	*	17	*	0	0	2
336	Transportation Equipment	594	460	0	4	115	12	0	0	4
336111	Automobiles	50	40	0	0	10	*	0	0	0
336112	Light Trucks and Utility Vehicles	*	*	0	*	*	*	0	0	*
3364	Aerospace Product and Parts	373	286	0	3	73	8	0	0	3
336411	Aircraft	88	65	0	*	20	*	0	0	Q
337	Furniture and Related Products	101	89	0	0	9	2	0	0	Q
339	Miscellaneous	208	190	0	*	18	*	0	0	*
	Total	17,147	9,780	23	473	4,061	187	345	60	2,218

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

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

(c) '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.

(d) 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).

(e) 'Other' energy sources include such combustible energy sources as wood waste, hydrogen, and waste oils and tars.

\* 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.

-- Estimation is not applicable.

Notes: Totals may not equal sum of components because of independent rounding. 'Purchases' exclude quantities that are transferred in from other establishments of the same company, quantities purchased by a central purchasing office offsite, and quantities for which payment is made in-kind.

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

Released: November 2017

Next MECS will be fielded in 2019

**RSE Table 7.9 Relative Standard Errors for Table 7.9;**

Unit: Percents.

NAICS Code(a)	Subsector and Industry	Total	Electricity	Residual Fuel Oil	Distillate Fuel Oil(b)	Natural Gas(c)	HGL (excluding natural gasoline)(d)	Coal	Coke and Breeze	Other(e)
<b>Total United States</b>										
311	Food	2.7	3.0	20.2	13.4	3.2	13.6	0.2	0.1	19.9
3112	Grain and Oilseed Milling	1.6	2.5	44.5	9.6	2.4	22.7	0.2	X	3.4
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	3.9	6.5	5.2	10.1	2.3	28.5	0.1	X	28.8
3115	Dairy Product	2.5	2.6	0.4	26.3	2.4	22.1	0.1	X	26.0
3116	Animal Slaughtering and Processing	1.9	2.3	16.5	7.2	2.8	17.1	26.8	X	29.3
312	Beverage and Tobacco Products	10.5	14.5	0.1	18.7	4.7	10.0	0.1	X	6.3
3121	Beverages	11.4	15.6	X	19.4	5.4	10.7	0.1	X	6.3
3122	Tobacco	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1
313	Textile Mills	17.8	14.3	41.5	54.2	19.8	10.3	39.3	X	56.0
314	Textile Product Mills	10.5	9.1	0.1	13.2	19.2	41.4	9.6	X	49.4
315	Apparel	9.4	10.1	X	68.4	13.5	54.7	X	X	0.2
316	Leather and Allied Products	5.1	6.1	69.2	12.6	5.5	10.1	X	X	13.6
321	Wood Products	8.0	10.6	0.1	8.9	4.7	9.8	0.1	X	6.0
321113	Sawmills	12.7	18.1	0.1	4.4	4.5	9.6	0.1	X	0.5
3212	Veneer, Plywood, and Engineered Woods	3.0	3.5	0.1	10.1	4.4	5.4	0.1	X	0.3
321219	Reconstituted Wood Products	4.4	5.3	0.1	5.9	4.8	11.5	0.1	X	0.1
3219	Other Wood Products	19.3	22.4	0.1	29.9	12.6	16.1	X	X	25.3
322	Paper	1.2	2.0	0.1	1.0	1.3	8.1	0.1	X	0.5
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	14.3	13.6	51.8	30.5	19.1	29.5	X	X	71.4
324	Petroleum and Coal Products	1.4	0.2	15.0	3.0	0.3	5.2	0.1	0.1	2.7
324110	Petroleum Refineries	0.1	0.2	X	X	0.1	97.5	0.1	X	0.1
324121	Asphalt Paving Mixture and Block	4.6	3.9	15.0	3.2	5.8	6.1	X	X	4.8
324122	Asphalt Shingle and Coating Materials	0.6	1.1	0.1	20.1	1.3	15.7	46.7	X	0.7
324199	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
325	Chemicals	1.1	2.3	0.4	3.4	1.0	1.8	3.2	0.1	2.4
325110	Petrochemicals	0.1	0.1	0.1	0.1	0.1	0.1	X	X	0.1
325120	Industrial Gases	5.7	8.5	X	31.7	0.5	38.2	X	X	0.1
325180	Other Basic Inorganic Chemicals	2.5	5.2	0.1	1.8	3.3	1.4	0.7	0.1	1.4
325193	Ethyl Alcohol	3.3	4.6	X	22.5	3.5	1.0	3.0	X	4.7
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	1.8	1.8	0.1	1.3	1.2	2.8	2.6	X	3.2
325211	Plastics Materials and Resins	3.2	2.9	20.8	5.8	1.1	4.2	18.8	X	2.0
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	1.9	6.7	0.1	2.1	1.4	1.9	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	9.0	12.5	X	30.1	3.8	16.8	0.1	X	0.6
325412	Pharmaceutical Preparation	1.8	1.6	X	36.0	1.4	19.0	0.1	X	0.7
325992	Photographic Film, Paper, Plate, and Chemicals	1.0	0.7	X	0.1	3.0	38.1	X	X	0.1
326	Plastics and Rubber Products	6.9	6.9	X	67.4	13.9	14.9	63.0	X	41.8
327	Nonmetallic Mineral Products	2.8	3.3	14.4	15.5	3.7	15.0	1.3	4.3	2.9
327120	Clay Building Material and Refractories	2.3	1.9	60.3	9.1	2.8	5.3	1.5	0.1	10.4
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
327212	Other Pressed and Blown Glass and Glassware	0.9	1.2	X	0.1	0.9	0.8	X	X	3.9
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327215	Glass Products from Purchased Glass	5.6	2.1	79.8	3.7	24.7	12.0	81.2	X	0.8
327310	Cements	0.8	0.9	0.1	7.1	2.0	0.8	0.7	7.6	0.2
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
327420	Gypsum	0.7	2.6	X	0.1	0.1	2.3	X	X	0.1
327993	Mineral Wool	1.1	0.7	57.4	7.2	0.9	4.2	X	0.1	45.9
331	Primary Metals	1.0	1.8	0.1	0.8	0.7	2.6	0.1	0.4	0.6
331110	Iron and Steel Mills and Ferroalloys	0.2	0.2	0.1	0.1	0.3	0.6	0.1	0.1	0.2
3312	Steel Products from Purchased Steel	18.0	21.9	X	6.3	10.8	13.3	1.0	X	8.9
3313	Alumina and Aluminum	0.3	0.2	0.1	0.1	0.6	1.4	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	1.5	1.3	X	0.0	1.7	5.8	X	X	0.1
331318	Other Aluminum Rolling, Drawing and Extruding	0.8	0.9	0.1	0.4	0.9	1.9	X	X	26.0
3314	Nonferrous Metals, except Aluminum	2.2	2.5	X	2.8	5.0	3.8	0.1	11.2	4.2
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	1.1	1.2	X	0.0	1.4	5.0	0.1	0.1	0.1
3315	Foundries	4.6	7.4	0.1	5.7	3.8	4.6	0.1	1.1	2.5
331511	Iron Foundries	1.5	2.8	0.1	3.0	1.8	3.6	0.1	1.1	3.5
331523	Nonferrous Metal Die-Casting Foundries	1.7	1.7	X	3.6	2.2	7.7	X	X	9.0
331524	Aluminum Foundries, except Die-Casting	7.1	3.8	0.1	60.3	10.9	4.8	X	X	8.2
332	Fabricated Metal Products	7.4	7.5	X	28.9	11.3	17.5	0.1	X	33.1
333	Machinery	7.7	7.7	99.0	32.0	11.2	25.1	87.6	X	41.4
334	Computer and Electronic Products	21.3	23.4	0.1	37.1	10.3	26.4	X	X	17.4
334413	Semiconductors and Related Devices	34.3	37.0	0.1	1.2	1.9	6.9	X	X	0.1
335	Electrical Equip., Appliances, and Components	7.7	8.5	X	34.9	9.5	34.2	X	0.1	31.2
336	Transportation Equipment	4.8	5.0	0.1	34.6	5.4	16.7	0.2	17.2	5.6
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	8.2	6.9	0.1	70.8	6.6	23.1	X	X	5.8
336411	Aircraft	23.9	20.6	0.1	84.9	15.4	4.3	X	X	40.2
337	Furniture and Related Products	7.6	7.4	X	56.7	13.8	23.3	8.1	X	74.5
339	Miscellaneous	11.0	9.7	0.1	69.1	22.8	38.5	X	X	69.4
	Total	0.9	1.9	1.3	5.8	0.8	1.8	0.6	0.4	1.7
<b>Northeast Census Region</b>										

311	Food	10.1	11.3	29.1	11.4	13.3	27.9	0.1	X	14.0
3112	Grain and Oilseed Milling	10.8	14.9	X	0.0	4.4	0.0	X	X	0.0
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	4.5	6.6	15.2	5.8	3.7	30.5	0.1	X	20.2
3115	Dairy Product	5.3	5.3	0.0	25.7	7.2	29.0	X	X	5.0
3116	Animal Slaughtering and Processing	4.7	5.4	0.1	9.0	4.3	39.6	X	X	15.7
312	Beverage and Tobacco Products	4.4	3.8	X	2.4	8.8	14.5	X	X	80.5
3121	Beverages	4.6	3.9	X	2.4	9.6	14.8	X	X	80.5
3122	Tobacco	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
313	Textile Mills	66.3	63.7	0.1	33.7	54.0	1.5	X	X	97.0
314	Textile Product Mills	34.2	42.3	X	0.1	22.7	64.7	0.1	X	X
315	Apparel	36.2	39.1	X	98.1	55.3	98.5	X	X	X
316	Leather and Allied Products	5.6	6.2	78.4	11.5	9.8	38.9	X	X	15.0
321	Wood Products	12.7	15.1	0.1	13.5	20.4	29.7	0.1	X	10.2
321113	Sawmills	2.0	2.1	0.1	4.6	4.9	3.0	0.1	X	3.4
3212	Veneer, Plywood, and Engineered Woods	0.7	0.6	X	2.8	1.4	4.4	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	20.4	23.5	X	31.1	29.5	38.4	X	X	17.4
322	Paper	3.9	6.9	0.1	8.3	4.4	17.1	0.1	X	3.5
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	18.4	19.3	51.8	36.2	19.4	37.1	X	X	64.3
324	Petroleum and Coal Products	4.5	0.6	13.6	5.1	1.0	15.5	0.1	X	6.1
324110	Petroleum Refineries	0.0	0.0	X	X	0.0	X	0.0	X	0.0
324121	Asphalt Paving Mixture and Block	6.4	3.9	13.6	4.7	5.1	20.6	X	X	7.0
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	6.6	13.5	70.3	29.2	7.8	0.9	81.1	X	0.2
325110	Petrochemicals	0.0	0.0	X	0.0	0.0	X	X	X	0.0
325120	Industrial Gases	17.7	21.6	X	0.1	6.5	0.1	X	X	0.0
325180	Other Basic Inorganic Chemicals	27.0	33.4	X	0.2	4.7	1.9	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	1.8	7.0	X	3.2	1.9	0.5	X	X	0.2
325211	Plastics Materials and Resins	3.8	17.6	0.1	21.0	24.7	0.1	X	X	0.1
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	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	23.3	32.9	X	41.7	8.4	49.0	X	X	21.0
325412	Pharmaceutical Preparation	6.2	3.8	X	48.5	2.6	69.2	X	X	29.3
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
326	Plastics and Rubber Products	23.9	26.1	X	81.2	32.1	43.0	66.4	X	50.0
327	Nonmetallic Mineral Products	7.3	5.3	13.4	36.9	7.5	34.5	0.1	0.1	6.1
327120	Clay Building Material and Refractories	2.9	3.3	X	0.1	4.0	5.0	X	X	33.0
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
327212	Other Pressed and Blown Glass and Glassware	2.2	2.7	X	0.1	2.7	3.3	X	X	6.2
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327215	Glass Products from Purchased Glass	2.1	2.8	X	0.2	2.2	0.9	81.2	X	0.3
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	0.8	1.4	0.1	1.6	1.9	6.1	0.1	1.4	0.7
331110	Iron and Steel Mills and Ferroalloys	1.0	1.9	X	0.9	3.0	4.0	0.1	0.1	2.1
3312	Steel Products from Purchased Steel	5.3	5.5	X	35.3	8.2	21.0	X	X	0.2
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	0.0
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	3.3	5.1	X	12.4	4.0	10.0	68.1	0.1	3.4
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	2.7	0.1	7.1	1.8	10.9	0.1	5.4	0.9
331511	Iron Foundries	2.9	3.7	X	10.4	3.0	5.9	0.1	5.4	1.4
331523	Nonferrous Metal Die-Casting Foundries	1.0	1.2	X	X	2.2	0.3	X	X	11.0
331524	Aluminum Foundries, except Die-Casting	1.5	1.6	0.1	14.0	3.4	1.9	X	X	1.4
332	Fabricated Metal Products	23.1	23.7	X	58.1	31.3	53.1	X	X	82.9
333	Machinery	20.4	20.1	X	81.3	23.0	75.4	X	X	57.2
334	Computer and Electronic Products	12.9	13.9	0.1	58.3	12.0	53.5	X	X	0.1
334413	Semiconductors and Related Devices	10.4	11.3	0.1	1.0	7.2	20.1	X	X	0.1
335	Electrical Equip., Appliances, and Components	18.2	18.8	X	38.0	23.4	47.5	X	0.1	68.4
336	Transportation Equipment	16.6	16.9	0.1	28.7	18.1	62.6	45.2	X	46.1
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	6.4	6.8	0.1	0.1	3.3	6.9	X	X	81.4
336411	Aircraft	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
337	Furniture and Related Products	25.7	25.7	X	89.1	35.5	75.1	X	X	99.0
339	Miscellaneous	17.7	17.8	0.1	0.1	31.2	59.2	X	X	89.2
	Total	3.0	4.3	6.5	11.4	3.5	2.4	1.9	1.3	5.8

Midwest Census Region

311	Food	3.8	5.2	21.7	27.3	4.1	15.9	0.2	0.1	2.8
3112	Grain and Oilseed Milling	1.6	1.8	44.5	12.8	2.8	28.9	0.2	X	2.0
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	5.5	6.9	0.1	18.2	4.4	20.6	X	X	31.3
3115	Dairy Product	5.3	4.6	23.8	51.8	4.1	46.7	0.1	X	2.2
3116	Animal Slaughtering and Processing	2.9	3.1	X	20.9	4.0	19.1	X	X	18.6
312	Beverage and Tobacco Products	3.8	4.0	X	25.9	3.9	20.9	0.1	X	84.6
3121	Beverages	3.8	4.1	X	25.9	3.9	20.9	0.1	X	84.6
3122	Tobacco	0.0	0.0	X	0.0	0.0	X	X	X	X



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	31.9	30.6	X	42.3	41.6	47.2	X	X	73.9
324	Petroleum and Coal Products	2.2	0.3	7.9	5.8	0.5	11.5	0.3	0.1	4.2
324110	Petroleum Refineries	0.0	0.0	X	X	0.0	X	X	X	0.0
324121	Asphalt Paving Mixture and Block	9.5	8.6	7.9	5.4	13.2	3.2	X	X	9.7
324122	Asphalt Shingle and Coating Materials	1.2	2.0	X	2.3	1.0	30.5	75.1	X	1.2
324199	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
325	Chemicals	1.3	2.9	0.1	2.6	0.8	1.9	0.2	X	0.9
325110	Petrochemicals	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
325120	Industrial Gases	8.6	17.0	X	48.7	0.5	0.1	X	X	0.1
325180	Other Basic Inorganic Chemicals	2.2	4.3	0.1	9.4	3.7	1.4	2.3	X	2.0
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	1.8	2.1	0.1	1.4	1.3	3.0	0.1	X	1.2
325211	Plastics Materials and Resins	3.6	2.7	50.0	7.0	0.6	4.6	2.4	X	2.2
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	2.7	13.6	X	0.0	1.9	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	1.9	2.3	X	1.1	1.7	17.1	X	X	0.3
325412	Pharmaceutical Preparation	2.4	3.1	X	1.3	2.2	13.6	X	X	0.1
325992	Photographic Film, Paper, Plate, and Chemicals	4.4	2.2	X	0.0	8.4	48.3	X	X	0.0
326	Plastics and Rubber Products	13.7	13.0	X	76.6	19.1	24.3	97.5	X	63.9
327	Nonmetallic Mineral Products	5.5	6.9	7.4	25.2	5.6	25.5	2.8	20.9	1.5
327120	Clay Building Material and Refractories	3.7	2.9	60.3	12.8	4.6	13.3	0.1	X	13.2
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	2.0	X	0.1	1.4	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	14.7	4.5	79.8	8.0	48.1	18.0	X	X	0.5
327310	Cements	1.3	1.3	0.1	1.8	5.0	4.1	1.4	49.9	0.4
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
327420	Gypsum	1.1	4.1	X	0.1	0.1	4.5	X	X	0.1
327993	Mineral Wool	0.8	1.3	X	0.1	0.6	2.7	X	0.0	0.4
331	Primary Metals	1.7	2.6	0.1	1.4	1.2	8.6	0.1	0.7	1.4
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	2.1	2.2	X	7.5	2.6	27.4	0.1	X	20.0
3313	Alumina and Aluminum	0.5	0.4	0.1	0.1	1.1	2.9	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	3.1	2.8	X	0.1	3.4	11.2	X	X	0.1
331318	Other Aluminum Rolling, Drawing and Extruding	1.6	1.8	0.1	0.1	2.2	3.5	X	X	18.1
3314	Nonferrous Metals, except Aluminum	4.7	6.7	X	0.7	1.3	19.2	0.1	0.1	19.9
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	16.8	25.6	X	4.1	15.4	9.8	0.1	3.1	4.5
331511	Iron Foundries	2.1	2.1	X	4.2	2.4	11.5	0.1	3.1	6.6
331523	Nonferrous Metal Die-Casting Foundries	1.0	1.3	X	1.5	1.3	19.5	X	X	1.8
331524	Aluminum Foundries, except Die-Casting	1.6	2.0	X	0.0	1.8	3.5	X	X	18.4
332	Fabricated Metal Products	17.1	17.6	X	55.1	24.5	28.6	X	X	54.2
333	Machinery	19.1	18.7	99.0	40.2	30.2	28.7	X	X	73.0
334	Computer and Electronic Products	9.0	9.2	X	18.2	9.4	64.2	X	X	23.3
334413	Semiconductors and Related Devices	2.2	2.5	X	5.7	0.2	0.4	X	X	0.1
335	Electrical Equip., Appliances, and Components	13.8	15.0	X	31.7	15.3	28.1	X	X	41.8
336	Transportation Equipment	10.3	10.3	0.1	62.0	12.2	26.5	X	X	8.3
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	26.0	21.2	X	88.6	23.5	29.4	X	X	46.8
336411	Aircraft	44.9	40.0	X	90.2	33.5	6.4	X	X	70.5
337	Furniture and Related Products	12.7	12.8	X	35.7	19.2	22.8	77.3	X	91.8
339	Miscellaneous	28.2	20.9	X	70.4	50.7	65.4	X	X	78.2
	Total	1.1	2.2	0.4	9.2	1.0	1.9	0.9	0.8	1.9

**West Census Region**

311	Food	5.5	6.6	X	27.9	4.7	27.4	0.6	0.1	31.1
3112	Grain and Oilseed Milling	2.7	3.1	X	26.3	3.4	9.9	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	4.5	8.0	X	16.9	3.7	49.4	X	X	39.3
3115	Dairy Product	3.8	5.1	X	42.9	3.4	7.2	X	X	71.2
3116	Animal Slaughtering and Processing	4.2	3.2	X	20.6	4.4	55.5	26.8	X	1.7
312	Beverage and Tobacco Products	26.3	34.1	X	25.6	7.2	17.1	0.1	X	6.4
3121	Beverages	26.3	34.1	X	25.6	7.2	17.1	0.1	X	6.4
3122	Tobacco	X	X	X	X	X	X	X	X	X
313	Textile Mills	9.4	9.6	X	X	17.3	17.6	X	X	0.1
314	Textile Product Mills	43.9	34.0	X	X	64.0	90.1	X	X	X
315	Apparel	32.0	33.9	X	X	23.1	94.4	X	X	X
316	Leather and Allied Products	9.8	10.1	X	53.6	11.4	34.7	X	X	53.6
321	Wood Products	3.2	3.4	X	5.0	7.3	15.0	X	X	2.9
321113	Sawmills	1.8	2.7	X	3.4	1.9	13.4	X	X	0.4
3212	Veneer, Plywood, and Engineered Woods	1.4	1.6	X	7.9	2.6	3.3	X	X	0.5
321219	Reconstituted Wood Products	1.0	1.0	X	0.1	1.6	6.8	X	X	0.1
3219	Other Wood Products	12.7	12.0	X	25.8	29.1	29.3	X	X	40.1
322	Paper	6.1	7.7	0.1	0.1	5.8	18.9	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	21.3	20.6	X	87.6	36.2	44.1	X	X	61.9
324	Petroleum and Coal Products	3.8	0.5	50.0	11.8	0.5	7.2	0.1	X	8.3
324110	Petroleum Refineries	0.3	0.3	X	X	0.4	X	X	X	0.1
324121	Asphalt Paving Mixture and Block	11.5	8.0	50.0	11.1	9.0	10.6	X	X	12.1
324122	Asphalt Shingle and Coating Materials	0.2	1.3	X	65.0	2.9	3.2	X	X	0.1
324199	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
325	Chemicals	3.7	4.0	X	0.3	6.0	15.6	0.1	0.1	0.4
325110	Petrochemicals	0.0	0.0	X	X	0.0	X	X	X	X
325120	Industrial Gases	3.6	3.8	X	84.5	0.1	48.1	X	X	74.3
325180	Other Basic Inorganic Chemicals	2.8	3.6	X	0.2	5.8	12.6	0.1	0.1	0.6

325193	Ethyl Alcohol	28.0	44.4	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	0.0	0.0	0.0	X	X	0.0
325199	Other Basic Organic Chemicals	4.4	7.4	X	4.4	1.6	0.7	X	X	0.6
325211	Plastics Materials and Resins	16.4	1.7	X	18.1	45.8	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	0.0
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	3.0	3.4	X	2.5	3.2	8.9	X	X	22.4
325412	Pharmaceutical Preparation	3.8	4.5	X	0.1	3.3	9.9	X	X	1.9
325992	Photographic Film, Paper, Plate, and Chemicals	1.3	2.0	X	0.0	0.4	0.0	X	X	0.1
326	Plastics and Rubber Products	25.2	26.3	X	99.0	38.4	52.7	X	X	93.4
327	Nonmetallic Mineral Products	6.5	3.9	X	34.6	10.1	16.6	0.1	0.1	3.0
327120	Clay Building Material and Refractories	2.2	4.3	X	0.1	1.7	2.7	X	X	0.8
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	1.9	2.5	X	5.3	3.0	7.2	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	8.2	9.9	X	0.1	3.0	4.9	X	X	2.6
327310	Cements	2.1	1.5	X	22.8	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	2.4	7.8	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	0.7	0.7	X	0.1	0.8	5.4	X	0.1	0.3
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	1.8	2.1	X	0.0	0.7	4.8	X	X	0.0
3313	Alumina and Aluminum	0.1	0.2	X	0.1	0.3	3.9	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	1.3	1.8	X	0.0	1.5	5.4	X	X	58.8
3314	Nonferrous Metals, except Aluminum	2.7	3.4	X	0.4	1.9	9.4	X	0.0	2.1
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	3.7	5.1	X	0.0	2.0	27.2	X	X	0.0
3315	Foundries	2.0	2.2	X	0.1	3.1	12.2	X	0.1	5.6
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	2.5	2.4	X	X	3.7	5.4	X	X	37.9
331524	Aluminum Foundries, except Die-Casting	3.1	3.6	X	0.0	3.7	1.5	X	X	1.2
332	Fabricated Metal Products	22.8	22.0	X	69.1	42.2	46.7	X	X	83.2
333	Machinery	22.6	23.1	X	97.5	42.0	67.3	X	X	85.0
334	Computer and Electronic Products	36.1	38.3	X	10.2	5.0	45.0	X	X	30.0
334413	Semiconductors and Related Devices	44.7	47.3	X	1.9	1.6	0.1	X	X	0.1
335	Electrical Equip., Appliances, and Components	28.4	29.7	X	41.4	37.5	37.6	X	X	36.1
336	Transportation Equipment	9.2	9.3	X	12.3	12.5	30.7	X	X	34.4
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	4.3	3.8	X	7.6	8.3	39.5	X	X	36.7
336411	Aircraft	7.0	7.3	X	20.1	5.7	9.6	X	X	59.0
337	Furniture and Related Products	21.9	22.9	X	X	32.5	27.3	X	X	85.0
339	Miscellaneous	19.0	19.1	X	56.4	21.3	47.5	X	X	70.5
	Total	5.2	8.8	12.7	15.4	1.9	12.1	0.1	0.1	7.0

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

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

(c) '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.

(d) 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).

(e) 'Other' energy sources include such combustible energy sources as wood waste, hydrogen, and waste oils and tars.

\* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

X=Not defined because RSE corresponds to a value of zero.

-- Estimation is not applicable.

Notes: Totals may not equal sum of components because of independent rounding. 'Purchases' exclude quantities that are transferred in from other establishments of the same company, quantities purchased by a central purchasing office offsite, and quantities for which payment is made in-kind.

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