

Released: October 2017
 Next MECS will be fielded in 2019

Table 1.2 First Use of Energy for All Purposes (Fuel and Nonfuel), 2014;

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

NAICS Code(a)	Subsector and Industry	Total(b)	Net Electricity(c)	Residual Fuel Oil	Distillate Fuel Oil(d)	Natural Gas(e)	HGL (excluding natural gasoline)(f)	Coke and Breeze			Shipments of Energy Sources Produced Onsite(h)
								Coal	Breeze	Other(g)	
Total United States											
311	Food	1113	247	4	20	572	6	110	1	154	*
3112	Grain and Oilseed Milling	280	50	*	1	133	*	65	0	30	*
311221	Wet Corn Milling	138	22	0	*	48	*	55	0	13	0
31131	Sugar Manufacturing	174	4	*	2	16	*	45	1	106	0
3114	Fruit and Vegetable Preserving and Specialty Food	144	33	*	1	106	1	*	0	3	0
3115	Dairy Product	110	35	1	3	68	1	*	0	2	0
3116	Animal Slaughtering and Processing	199	62	1	5	126	2	*	0	3	0
312	Beverage and Tobacco Products	95	33	*	1	48	1	7	0	4	0
3121	Beverages	86	30	0	1	43	1	6	0	4	0
3122	Tobacco	9	3	*	*	5	*	1	0	*	0
313	Textile Mills	97	43	*	*	36	1	6	0	12	0
314	Textile Product Mills	28	9	*	*	17	Q	1	0	*	0
315	Apparel	5	3	0	*	2	*	0	0	*	0
316	Leather and Allied Products	3	1	*	*	1	*	0	0	*	0
321	Wood Products	386	73	*	12	49	3	1	0	248	0
321113	Sawmills	123	17	*	5	6	*	*	0	95	0
3212	Veneer, Plywood, and Engineered Woods	161	25	*	2	28	1	1	0	104	0
321219	Reconstituted Wood Products	97	17	*	*	20	*	1	0	58	0
3219	Other Wood Products	94	29	*	3	13	2	0	0	Q	0
322	Paper	2087	191	17	5	436	3	146	0	1288	0
322110	Pulp Mills	255	5	2	1	29	*	1	0	216	0
322121	Paper Mills, except Newsprint	751	59	9	2	160	1	93	0	427	0
322122	Newsprint Mills	59	28	0	*	8	*	1	0	22	0
322130	Paperboard Mills	915	55	5	2	188	1	45	0	618	0
323	Printing and Related Support	90	49	*	*	39	1	0	0	Q	0
324	Petroleum and Coal Products	4168	167	4	12	1072	36	W	W	W	88
324110	Petroleum Refineries	3372	160	3	6	1000	35	1	0	2168	0
324121	Asphalt Paving Mixture and Block	430	3	2	5	43	1	0	0	377	*
324122	Asphalt Shingle and Coating Materials	W	2	*	*	11	*	Q	0	W	*
324199	Other Petroleum and Coal Products	W	-1	0	1	8	*	W	W	W	88
325	Chemicals	6297	458	59	14	2496	2365	250	6	1043	394
325110	Petrochemicals	1110	20	W	1	309	923	0	0	W	279
325120	Industrial Gases	185	68	0	*	125	*	0	0	3	11
325180	Other Basic Inorganic Chemicals	375	79	W	1	161	2	53	6	W	0
325193	Ethyl Alcohol	491	39	0	1	364	*	80	0	8	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	42	10	0	*	25	*	0	0	7	0
325199	Other Basic Organic Chemicals	1414	57	*	6	474	554	71	0	342	91
325211	Plastics Materials and Resins	1775	58	*	1	424	873	14	0	418	13
325212	Synthetic Rubber	34	4	0	*	19	*	1	0	10	0
325220	Artificial and Synthetic Fibers and Filaments	35	11	*	*	13	*	10	0	*	0
325311	Nitrogenous Fertilizers	W	13	*	*	383	*	0	0	W	*
325312	Phosphatic Fertilizers	36	7	*	2	25	*	2	0	*	0
3254	Pharmaceuticals and Medicines	94	36	0	1	50	*	3	0	4	0
325412	Pharmaceutical Preparation	47	19	0	1	21	*	3	0	3	0
325992	Photographic Film, Paper, Plate, and Chemicals	9	3	*	*	4	*	0	0	2	0
326	Plastics and Rubber Products	295	190	0	Q	91	4	Q	0	Q	0
327	Nonmetallic Mineral Products	833	128	*	19	333	4	235	14	99	0
327120	Clay Building Material and Refractories	43	5	*	1	35	*	1	0	1	0
327211	Flat Glass	62	6	0	*	47	*	*	0	9	0
327212	Other Pressed and Blown Glass and Glassware	32	8	0	*	24	*	0	0	*	0
327213	Glass Containers	58	12	0	*	46	*	0	0	*	0
327215	Glass Products from Purchased Glass	23	11	*	*	11	*	*	0	*	0
327310	Cements	300	38	*	4	21	*	158	12	68	0
327410	Lime	105	5	0	1	6	*	73	2	18	0
327420	Gypsum	53	5	0	*	47	*	0	0	*	0
327993	Mineral Wool	33	11	*	*	20	*	0	1	1	0
331	Primary Metals	1641	433	*	6	688	3	W	W	W	114
331110	Iron and Steel Mills and Ferroalloys	1101	204	*	4	443	*	W	W	W	114
3312	Steel Products from Purchased Steel	58	22	0	1	27	*	*	0	7	0
3313	Alumina and Aluminum	254	117	*	1	120	1	0	0	15	*
331314	Secondary Smelting and Alloying of Aluminum	20	3	0	*	16	*	0	0	*	0
331315	Aluminum Sheet, Plate and Foils	62	15	0	*	45	*	0	0	2	*
331318	Other Aluminum Rolling, Drawing and Extruding	21	6	*	*	14	*	0	0	*	0
3314	Nonferrous Metals, except Aluminum	109	44	0	*	42	1	4	6	10	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	52	27	0	*	16	*	4	1	4	0

3315	Foundries	119	45	*	1	56	1	1	15	*	*
331511	Iron Foundries	54	21	*	*	16	*	1	15	*	*
331523	Nonferrous Metal Die-Casting Foundries	24	7	0	*	17	*	0	0	*	0
331524	Aluminum Foundries, except Die-Casting	11	3	*	*	8	*	0	0	*	0
332	Fabricated Metal Products	349	143	0	2	193	7	*	0	Q	0
333	Machinery	165	80	*	5	74	4	Q	0	1	0
334	Computer and Electronic Products	162	112	*	1	47	*	0	0	Q	0
334413	Semiconductors and Related Devices	90	65	*	*	24	*	0	0	1	0
335	Electrical Equip., Appliances, and Components	74	40	0	*	27	1	0	*	5	0
336	Transportation Equipment	323	154	1	4	149	4	1	*	9	0
336111	Automobiles	33	12	0	*	19	*	*	0	1	0
336112	Light Trucks and Utility Vehicles	39	12	0	*	25	*	*	0	2	0
3364	Aerospace Product and Parts	69	32	*	Q	30	1	0	0	5	0
336411	Aircraft	23	11	*	Q	10	*	0	0	*	0
337	Furniture and Related Products	37	17	0	*	15	1	*	0	4	0
339	Miscellaneous	57	29	*	Q	26	1	0	0	Q	0
	Subtotal	18306	2600	87	107	6412	2446	1260	318	5672	597
	Miscellaneous Nonfuel Products(i)	529	0	0	0	0	0	0	0	529	0
	Total	18835	2600	87	107	6412	2446	1260	318	6201	597

Northeast Census Region

311	Food	68	20	2	2	43	1	*	0	1	0
3112	Grain and Oilseed Milling	3	1	0	*	2	*	0	0	*	0
311221	Wet Corn Milling	*	*	0	*	*	0	0	0	0	0
31131	Sugar Manufacturing	*	*	0	0	*	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	11	3	*	*	7	*	*	0	*	0
3115	Dairy Product	16	5	1	1	10	*	0	0	*	0
3116	Animal Slaughtering and Processing	9	3	*	1	5	*	0	0	*	0
312	Beverage and Tobacco Products	12	5	0	*	7	*	0	0	*	0
3121	Beverages	12	5	0	*	6	*	0	0	*	0
3122	Tobacco	1	*	0	*	1	*	0	0	*	0
313	Textile Mills	Q	Q	*	*	10	*	0	0	Q	0
314	Textile Product Mills	1	*	0	*	*	*	*	0	0	0
315	Apparel	*	*	0	*	*	*	0	0	0	0
316	Leather and Allied Products	*	*	*	*	*	*	0	0	*	0
321	Wood Products	62	7	*	2	5	1	*	0	48	0
321113	Sawmills	6	1	*	1	*	*	*	0	4	0
3212	Veneer, Plywood, and Engineered Woods	41	1	0	*	1	*	0	0	39	0
321219	Reconstituted Wood Products	26	1	0	*	1	*	0	0	24	0
3219	Other Wood Products	15	4	0	1	3	1	0	0	6	0
322	Paper	214	19	8	*	57	*	22	0	107	0
322110	Pulp Mills	14	*	0	*	3	*	0	0	10	0
322121	Paper Mills, except Newsprint	154	7	7	*	29	*	20	0	90	0
322122	Newsprint Mills	0	0	0	0	0	0	0	0	0	0
322130	Paperboard Mills	24	5	*	*	17	*	0	0	2	0
323	Printing and Related Support	13	8	*	*	5	*	0	0	*	0
324	Petroleum and Coal Products	258	10	1	3	39	1	1	0	204	*
324110	Petroleum Refineries	158	8	*	1	29	1	1	0	118	0
324121	Asphalt Paving Mixture and Block	89	1	*	2	7	*	0	0	78	0
324122	Asphalt Shingle and Coating Materials	9	*	0	*	*	*	*	0	8	0
324199	Other Petroleum and Coal Products	2	*	0	*	2	*	0	0	*	*
325	Chemicals	211	43	*	1	75	76	Q	0	13	1
325110	Petrochemicals	*	*	0	*	*	0	0	0	*	0
325120	Industrial Gases	12	10	0	*	2	*	0	0	2	1
325180	Other Basic Inorganic Chemicals	16	9	0	*	4	*	0	0	3	0
325193	Ethyl Alcohol	10	1	0	*	9	*	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	7	1	0	*	6	*	0	0	*	0
325199	Other Basic Organic Chemicals	13	2	0	*	9	*	0	0	2	0
325211	Plastics Materials and Resins	90	4	*	*	8	75	0	0	3	0
325212	Synthetic Rubber	*	*	0	*	*	*	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	*	*	0	0	*	*	0	0	*	0
325311	Nitrogenous Fertilizers	2	*	*	*	1	*	0	0	1	0
325312	Phosphatic Fertilizers	*	*	0	*	0	*	0	0	*	0
3254	Pharmaceuticals and Medicines	35	12	0	1	22	*	0	0	*	0
325412	Pharmaceutical Preparation	9	3	0	1	5	*	0	0	*	0
325992	Photographic Film, Paper, Plate, and Chemicals	5	1	*	*	1	*	0	0	2	0
326	Plastics and Rubber Products	29	18	0	*	8	1	Q	0	*	0
327	Nonmetallic Mineral Products	97	13	*	4	46	1	18	*	16	0
327120	Clay Building Material and Refractories	6	1	0	*	5	*	0	0	*	0
327211	Flat Glass	19	1	0	*	9	*	*	0	9	0
327212	Other Pressed and Blown Glass and Glassware	6	2	0	*	5	*	0	0	*	0
327213	Glass Containers	10	2	0	*	8	*	0	0	*	0
327215	Glass Products from Purchased Glass	4	1	0	*	2	*	*	0	*	0
327310	Cements	25	3	*	*	3	*	12	*	7	0
327410	Lime	7	*	0	*	*	*	6	0	*	0
327420	Gypsum	5	*	0	*	5	*	0	0	*	0
327993	Mineral Wool	3	1	0	*	2	*	0	0	*	0

331	Primary Metals	183	44	*	1	71	*	138	3	12	86
331110	Iron and Steel Mills and Ferroalloys	120	23	0	1	44	*	138	*	*	86
3312	Steel Products from Purchased Steel	9	2	0	*	5	*	0	0	2	0
3313	Alumina and Aluminum	24	10	*	*	11	*	0	0	4	0
331314	Secondary Smelting and Alloying of Aluminum	*	*	0	*	*	*	0	0	*	0
331315	Aluminum Sheet, Plate and Foils	8	2	0	*	6	*	0	0	*	0
331318	Other Aluminum Rolling, Drawing and Extruding	W	W	*	*	3	*	0	0	*	0
3314	Nonferrous Metals, except Aluminum	21	6	0	*	7	*	*	2	5	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	2	1	0	*	*	*	0	1	*	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	*	0
331524	Aluminum Foundries, except Die-Casting	1	*	*	*	*	*	0	0	*	0
332	Fabricated Metal Products	36	15	0	Q	19	Q	0	0	*	0
333	Machinery	21	10	0	Q	8	Q	0	0	*	0
334	Computer and Electronic Products	28	19	*	*	8	*	0	0	*	0
334413	Semiconductors and Related Devices	12	7	*	*	4	*	0	0	*	0
335	Electrical Equip., Appliances, and Components	17	8	0	*	6	*	0	*	Q	0
336	Transportation Equipment	24	10	*	*	12	*	*	0	Q	0
336111	Automobiles	*	*	0	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	0	0	0	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	9	3	*	*	5	*	0	0	*	0
336411	Aircraft	2	1	*	*	1	*	0	0	*	0
337	Furniture and Related Products	4	1	0	*	1	*	0	0	Q	0
339	Miscellaneous	13	6	*	*	6	*	0	0	Q	0
	Total	1313	264	11	15	427	84	185	3	412	88

Midwest Census Region

311	Food	473	109	*	4	247	1	86	1	26	*
3112	Grain and Oilseed Milling	217	34	*	1	100	*	59	0	23	*
311221	Wet Corn Milling	122	19	0	*	42	*	50	0	11	0
31131	Sugar Manufacturing	35	2	*	*	5	*	27	1	*	0
3114	Fruit and Vegetable Preserving and Specialty Food	30	10	*	*	19	*	0	0	*	0
3115	Dairy Product	42	13	*	1	27	*	*	0	1	0
3116	Animal Slaughtering and Processing	80	25	*	1	52	*	0	0	1	0
312	Beverage and Tobacco Products	16	5	0	*	11	*	1	0	*	0
3121	Beverages	16	5	0	*	11	*	1	0	*	0
3122	Tobacco	*	*	0	*	*	0	0	0	0	0
313	Textile Mills	2	1	0	*	1	*	0	0	*	0
314	Textile Product Mills	Q	1	0	*	Q	*	0	0	*	0
315	Apparel	*	*	0	0	*	0	0	0	0	0
316	Leather and Allied Products	1	1	0	0	1	*	0	0	0	0
321	Wood Products	39	9	*	2	11	1	1	0	16	0
321113	Sawmills	7	1	*	1	1	*	0	0	5	0
3212	Veneer, Plywood, and Engineered Woods	13	2	0	*	4	*	1	0	5	0
321219	Reconstituted Wood Products	9	1	0	*	3	*	1	0	4	0
3219	Other Wood Products	17	5	0	Q	5	*	0	0	Q	0
322	Paper	273	47	*	1	81	1	42	0	101	0
322110	Pulp Mills	2	1	0	*	1	*	0	0	*	0
322121	Paper Mills, except Newsprint	172	22	*	*	37	*	35	0	78	0
322122	Newsprint Mills	3	1	0	0	*	0	0	0	2	0
322130	Paperboard Mills	58	9	*	*	25	*	3	0	20	0
323	Printing and Related Support	28	14	0	*	14	*	0	0	*	0
324	Petroleum and Coal Products	825	33	*	2	150	19	W	W	W	5
324110	Petroleum Refineries	536	33	0	1	130	18	0	0	354	0
324121	Asphalt Paving Mixture and Block	85	1	*	1	9	*	0	0	75	0
324122	Asphalt Shingle and Coating Materials	W	1	*	*	4	*	0	0	W	0
324199	Other Petroleum and Coal Products	W	-2	0	*	4	*	W	W	W	5
325	Chemicals	1028	129	3	1	543	132	117	0	104	1
325110	Petrochemicals	*	*	0	0	*	*	0	0	0	0
325120	Industrial Gases	23	20	0	*	4	*	0	0	*	*
325180	Other Basic Inorganic Chemicals	31	8	3	*	16	*	0	0	4	0
325193	Ethyl Alcohol	452	35	0	*	328	*	80	0	7	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	5	1	0	*	4	*	0	0	*	0
325199	Other Basic Organic Chemicals	123	14	0	*	24	14	13	0	Q	0
325211	Plastics Materials and Resins	163	15	*	*	25	107	11	0	5	*
325212	Synthetic Rubber	2	*	0	*	1	*	1	0	*	0
325220	Artificial and Synthetic Fibers and Filaments	*	*	0	0	*	*	0	0	0	0
325311	Nitrogenous Fertilizers	W	5	0	*	78	*	0	0	W	*
325312	Phosphatic Fertilizers	*	*	0	*	*	*	0	0	*	0
3254	Pharmaceuticals and Medicines	28	10	0	*	12	*	3	0	3	0
325412	Pharmaceutical Preparation	19	8	0	*	7	*	3	0	2	0
325992	Photographic Film, Paper, Plate, and Chemicals	1	*	0	0	*	*	0	0	*	0
326	Plastics and Rubber Products	99	58	0	*	39	1	0	0	*	0
327	Nonmetallic Mineral Products	232	39	*	2	86	1	65	12	27	0
327120	Clay Building Material and Refractories	8	1	0	*	7	*	*	0	*	0
327211	Flat Glass	15	1	0	*	13	*	0	0	*	0

327212	Other Pressed and Blown Glass and Glassware	9	2	0	*	8	*	0	0	*	0
327213	Glass Containers	14	3	0	*	11	*	0	0	*	0
327215	Glass Products from Purchased Glass	8	5	0	*	3	*	0	0	*	0
327310	Cements	W	W	0	1	3	*	W	10	W	0
327410	Lime	W	W	0	*	3	*	W	1	W	0
327420	Gypsum	10	1	0	*	9	*	0	0	*	0
327993	Mineral Wool	13	5	*	*	7	*	0	1	1	0
331	Primary Metals	917	168	*	3	376	2	W	W	W	10
331110	Iron and Steel Mills and Ferroalloys	721	82	*	2	285	*	W	W	W	10
3312	Steel Products from Purchased Steel	24	9	0	*	14	*	*	0	*	0
3313	Alumina and Aluminum	70	37	0	*	30	*	0	0	3	0
331314	Secondary Smelting and Alloying of Aluminum	10	2	0	*	8	*	0	0	*	0
331315	Aluminum Sheet, Plate and Foils	19	5	0	*	14	*	0	0	*	0
331318	Other Aluminum Rolling, Drawing and Extruding	W	W	0	*	4	*	0	0	*	0
3314	Nonferrous Metals, except Aluminum	30	14	0	*	12	1	0	3	*	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	12	9	0	*	3	*	0	*	*	0
3315	Foundries	73	26	*	*	35	*	1	10	*	0
331511	Iron Foundries	37	14	*	*	11	*	1	10	*	0
331523	Nonferrous Metal Die-Casting Foundries	16	5	0	*	11	*	0	0	*	0
331524	Aluminum Foundries, except Die-Casting	7	2	0	*	5	*	0	0	*	0
332	Fabricated Metal Products	195	67	0	*	123	4	*	0	*	0
333	Machinery	91	36	*	4	47	1	Q	0	1	0
334	Computer and Electronic Products	28	15	0	*	Q	*	0	0	Q	0
334413	Semiconductors and Related Devices	3	2	0	*	*	*	0	0	*	0
335	Electrical Equip., Appliances, and Components	19	11	0	*	6	Q	0	0	*	0
336	Transportation Equipment	151	69	*	2	75	1	1	*	4	0
336111	Automobiles	22	7	0	*	14	*	*	0	1	0
336112	Light Trucks and Utility Vehicles	25	7	0	*	17	*	*	0	1	0
3364	Aerospace Product and Parts	15	7	*	*	7	*	0	0	1	0
336411	Aircraft	4	2	0	*	2	*	0	0	*	0
337	Furniture and Related Products	14	6	0	*	8	*	*	0	*	0
339	Miscellaneous	15	8	0	*	6	*	0	0	*	0
	Total	4451	826	5	22	1839	164	559	274	779	17

South Census Region

311	Food	360	77	1	6	148	2	6	0	120	0
3112	Grain and Oilseed Milling	50	11	*	*	25	*	6	0	8	0
311221	Wet Corn Milling	14	3	0	*	4	*	5	0	2	0
31131	Sugar Manufacturing	106	1	*	1	2	*	0	0	102	0
3114	Fruit and Vegetable Preserving and Specialty Food	28	8	*	*	19	*	0	0	*	0
3115	Dairy Product	13	7	0	*	6	*	0	0	*	0
3116	Animal Slaughtering and Processing	92	30	1	3	56	1	0	0	Q	0
312	Beverage and Tobacco Products	41	13	*	*	23	*	3	0	1	0
3121	Beverages	33	10	0	*	18	*	2	0	1	0
3122	Tobacco	8	3	*	*	5	*	1	0	*	0
313	Textile Mills	70	35	*	*	22	*	6	0	7	0
314	Textile Product Mills	20	7	*	*	11	Q	1	0	*	0
315	Apparel	4	2	0	*	2	*	0	0	*	0
316	Leather and Allied Products	1	*	*	*	*	*	0	0	*	0
321	Wood Products	208	44	*	6	22	1	0	0	135	0
321113	Sawmills	67	10	0	3	1	*	0	0	53	0
3212	Veneer, Plywood, and Engineered Woods	82	16	*	1	17	1	0	0	47	0
321219	Reconstituted Wood Products	52	12	*	*	14	*	0	0	26	0
3219	Other Wood Products	Q	Q	*	Q	3	1	0	0	Q	0
322	Paper	1391	91	8	3	236	1	80	0	971	0
322110	Pulp Mills	232	3	2	1	25	*	1	0	199	0
322121	Paper Mills, except Newsprint	377	26	2	1	72	*	39	0	237	0
322122	Newsprint Mills	34	12	0	*	7	*	1	0	15	0
322130	Paperboard Mills	717	33	4	2	119	*	39	0	520	0
323	Printing and Related Support	40	22	0	*	16	Q	0	0	Q	0
324	Petroleum and Coal Products	2164	98	1	6	622	9	65	1	1441	77
324110	Petroleum Refineries	1869	93	*	3	592	8	0	0	1172	0
324121	Asphalt Paving Mixture and Block	175	1	1	2	18	*	0	0	153	*
324122	Asphalt Shingle and Coating Materials	82	1	0	*	5	*	Q	0	76	*
324199	Other Petroleum and Coal Products	30	1	0	*	2	*	64	1	39	77
325	Chemicals	4900	247	56	11	1816	2157	85	0	922	393
325110	Petrochemicals	1110	20	W	1	309	923	0	0	W	279
325120	Industrial Gases	140	31	0	*	118	*	0	0	1	10
325180	Other Basic Inorganic Chemicals	240	45	W	*	123	2	9	0	W	0
325193	Ethyl Alcohol	13	1	0	*	12	*	0	0	*	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	28	8	0	*	13	*	0	0	7	0
325199	Other Basic Organic Chemicals	1272	39	*	6	438	540	58	0	281	91
325211	Plastics Materials and Resins	1519	38	*	1	389	691	3	0	410	13
325212	Synthetic Rubber	32	3	0	*	19	*	0	0	10	0
325220	Artificial and Synthetic Fibers and Filaments	34	11	*	*	13	*	10	0	*	0
325311	Nitrogenous Fertilizers	299	7	0	*	293	0	0	0	*	0
325312	Phosphatic Fertilizers	32	6	*	1	22	*	2	0	*	0

3254	Pharmaceuticals and Medicines	21	9	0	*	11	*	0	0	1	0
325412	Pharmaceutical Preparation	12	6	0	*	5	*	0	0	1	0
325992	Photographic Film, Paper, Plate, and Chemicals	2	1	0	*	1	*	0	0	*	0
326	Plastics and Rubber Products	128	80	0	Q	38	2	*	0	Q	0
327	Nonmetallic Mineral Products	355	56	*	8	154	2	100	2	33	0
327120	Clay Building Material and Refractories	27	3	*	*	22	*	1	0	1	0
327211	Flat Glass	22	2	0	*	20	*	0	0	*	0
327212	Other Pressed and Blown Glass and Glassware	14	4	0	*	10	*	0	0	*	0
327213	Glass Containers	21	4	0	*	17	*	0	0	*	0
327215	Glass Products from Purchased Glass	9	4	*	*	5	*	0	0	*	0
327310	Cements	123	17	*	1	8	*	70	2	25	0
327410	Lime	39	2	0	1	3	*	26	0	7	0
327420	Gypsum	27	2	0	*	24	*	0	0	*	0
327993	Mineral Wool	12	4	0	*	8	*	0	*	*	0
331	Primary Metals	457	175	*	2	206	1	42	30	18	18
331110	Iron and Steel Mills and Ferroalloys	236	85	*	1	103	*	37	25	1	17
3312	Steel Products from Purchased Steel	24	11	0	1	8	*	*	0	4	0
3313	Alumina and Aluminum	132	50	*	*	72	*	0	0	8	*
331314	Secondary Smelting and Alloying of Aluminum	8	1	0	*	7	*	0	0	*	0
331315	Aluminum Sheet, Plate and Foils	32	7	0	*	23	*	0	0	2	*
331318	Other Aluminum Rolling, Drawing and Extruding	7	2	*	*	5	*	0	0	*	0
3314	Nonferrous Metals, except Aluminum	34	15	0	*	10	*	4	1	4	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	19	10	0	*	1	*	4	0	4	0
3315	Foundries	32	13	0	*	14	*	*	4	*	*
331511	Iron Foundries	12	4	0	*	3	*	*	4	*	*
331523	Nonferrous Metal Die-Casting Foundries	5	2	0	*	4	*	0	0	*	0
331524	Aluminum Foundries, except Die-Casting	3	1	0	*	2	*	0	0	*	0
332	Fabricated Metal Products	82	44	0	Q	33	2	0	0	Q	0
333	Machinery	43	27	*	*	15	1	0	0	*	0
334	Computer and Electronic Products	32	24	0	*	8	*	0	0	*	0
334413	Semiconductors and Related Devices	17	13	0	*	4	*	0	0	*	0
335	Electrical Equip., Appliances, and Components	33	18	0	*	12	*	0	0	2	0
336	Transportation Equipment	113	58	1	Q	45	2	0	0	4	0
336111	Automobiles	6	3	0	*	3	*	0	0	*	0
336112	Light Trucks and Utility Vehicles	14	5	0	*	8	*	0	0	1	0
3364	Aerospace Product and Parts	23	11	0	Q	8	*	0	0	3	0
336411	Aircraft	12	6	0	Q	5	*	0	0	*	0
337	Furniture and Related Products	15	8	0	*	5	*	*	0	2	0
339	Miscellaneous	22	9	0	Q	Q	*	0	0	*	0
	Total	10476	1136	67	50	3446	2182	387	33	3662	488

West Census Region

311	Food	212	41	0	8	135	2	18	*	7	0
3112	Grain and Oilseed Milling	9	3	0	*	6	*	0	0	*	0
311221	Wet Corn Milling	2	*	0	*	2	*	0	0	*	0
31131	Sugar Manufacturing	32	1	0	*	8	*	18	*	4	0
3114	Fruit and Vegetable Preserving and Specialty Food	76	12	0	1	60	Q	0	0	2	0
3115	Dairy Product	38	11	0	*	26	*	0	0	Q	0
3116	Animal Slaughtering and Processing	18	5	0	1	12	*	*	0	*	0
312	Beverage and Tobacco Products	25	10	0	1	8	*	3	0	2	0
3121	Beverages	25	10	0	1	8	*	3	0	2	0
3122	Tobacco	0	0	0	0	0	0	0	0	0	0
313	Textile Mills	3	1	0	0	2	*	0	0	*	0
314	Textile Product Mills	Q	1	0	0	Q	*	0	0	0	0
315	Apparel	*	*	0	0	*	*	0	0	0	0
316	Leather and Allied Products	*	*	0	*	*	*	0	0	*	0
321	Wood Products	78	14	0	2	12	1	0	0	49	0
321113	Sawmills	43	4	0	1	4	*	0	0	34	0
3212	Veneer, Plywood, and Engineered Woods	25	6	0	*	6	*	0	0	13	0
321219	Reconstituted Wood Products	9	3	0	*	3	*	0	0	3	0
3219	Other Wood Products	8	3	0	*	2	*	0	0	2	0
322	Paper	209	34	1	*	61	1	3	0	109	0
322110	Pulp Mills	7	*	*	*	0	*	0	0	7	0
322121	Paper Mills, except Newsprint	49	5	0	*	22	*	0	0	22	0
322122	Newsprint Mills	21	15	0	*	1	*	0	0	5	0
322130	Paperboard Mills	115	8	1	*	28	*	3	0	76	0
323	Printing and Related Support	8	4	0	*	4	*	0	0	*	0
324	Petroleum and Coal Products	922	26	3	1	261	7	7	0	621	5
324110	Petroleum Refineries	809	25	2	1	249	7	0	0	524	0
324121	Asphalt Paving Mixture and Block	81	1	*	*	9	*	0	0	71	0
324122	Asphalt Shingle and Coating Materials	24	*	0	*	2	*	0	0	22	0
324199	Other Petroleum and Coal Products	6	*	0	*	*	*	7	0	4	5
325	Chemicals	158	39	0	1	63	1	44	6	5	*
325110	Petrochemicals	*	*	0	0	*	0	0	0	0	0
325120	Industrial Gases	9	7	0	*	1	*	0	0	*	*
325180	Other Basic Inorganic Chemicals	88	17	0	1	17	*	44	6	3	0
325193	Ethyl Alcohol	16	1	0	*	14	*	0	0	1	0

325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	2	*	0	0	2	*	0	0	*	0
325199	Other Basic Organic Chemicals	6	2	0	*	3	*	0	0	1	0
325211	Plastics Materials and Resins	3	1	0	*	2	*	0	0	*	0
325212	Synthetic Rubber	*	*	0	0	*	*	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	*	*	0	0	*	*	0	0	*	0
325311	Nitrogenous Fertilizers	13	2	0	*	11	*	0	0	*	0
325312	Phosphatic Fertilizers	4	1	0	*	3	*	0	0	*	0
3254	Pharmaceuticals and Medicines	11	5	0	*	6	*	0	0	*	0
325412	Pharmaceutical Preparation	6	3	0	*	3	*	0	0	*	0
325992	Photographic Film, Paper, Plate, and Chemicals	2	1	0	*	1	*	0	0	*	0
326	Plastics and Rubber Products	40	33	0	*	6	*	0	0	*	0
327	Nonmetallic Mineral Products	149	20	0	5	47	*	53	1	23	0
327120	Clay Building Material and Refractories	3	*	0	*	3	*	0	0	*	0
327211	Flat Glass	5	1	0	*	5	*	0	0	*	0
327212	Other Pressed and Blown Glass and Glassware	2	*	0	*	1	*	0	0	*	0
327213	Glass Containers	13	3	0	*	10	*	0	0	*	0
327215	Glass Products from Purchased Glass	3	1	0	*	1	*	0	0	*	0
327310	Cements	W	W	0	1	7	*	W	*	W	0
327410	Lime	W	W	0	*	*	*	W	*	W	0
327420	Gypsum	11	1	0	*	10	*	0	0	*	0
327993	Mineral Wool	4	2	0	*	3	*	0	0	*	0
331	Primary Metals	85	47	0	*	35	*	0	1	2	0
331110	Iron and Steel Mills and Ferroalloys	25	14	0	*	10	*	0	0	1	0
3312	Steel Products from Purchased Steel	1	*	0	*	*	*	0	0	*	0
3313	Alumina and Aluminum	28	20	0	*	7	*	0	0	*	0
331314	Secondary Smelting and Alloying of Aluminum	1	*	0	*	1	*	0	0	*	0
331315	Aluminum Sheet, Plate and Foils	4	1	0	*	3	*	0	0	*	0
331318	Other Aluminum Rolling, Drawing and Extruding	W	W	0	*	1	*	0	0	*	0
3314	Nonferrous Metals, except Aluminum	24	10	0	*	13	*	0	*	1	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	20	8	0	*	11	*	0	0	1	0
3315	Foundries	7	3	0	*	4	*	0	1	*	0
331511	Iron Foundries	2	*	0	*	1	*	0	1	*	0
331523	Nonferrous Metal Die-Casting Foundries	1	*	0	0	1	*	0	0	*	0
331524	Aluminum Foundries, except Die-Casting	1	*	0	*	*	*	0	0	*	0
332	Fabricated Metal Products	37	17	0	*	18	Q	0	0	*	0
333	Machinery	11	7	0	*	3	Q	0	0	*	0
334	Computer and Electronic Products	73	54	0	*	19	*	0	0	*	0
334413	Semiconductors and Related Devices	58	43	0	*	15	*	0	0	*	0
335	Electrical Equip., Appliances, and Components	6	3	0	*	3	*	0	0	*	0
336	Transportation Equipment	35	18	0	*	17	*	0	0	*	0
336111	Automobiles	4	2	0	0	2	*	0	0	0	0
336112	Light Trucks and Utility Vehicles	*	*	0	*	*	*	0	0	*	0
3364	Aerospace Product and Parts	22	11	0	*	11	*	0	0	*	0
336411	Aircraft	5	2	0	*	2	*	0	0	*	0
337	Furniture and Related Products	4	3	0	0	1	*	0	0	*	0
339	Miscellaneous	8	5	0	*	2	*	0	0	*	0
	Total	2066	375	4	20	700	16	129	8	819	5

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

(b) 'Total' is the sum of all of the listed energy sources, including 'Other,' minus the shipments of energy sources produced onsite. It is the total amount of first use of energy for all (fuel and nonfuel) purposes.

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

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

(e) '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.

(f) 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).

(g) 'Other' includes net steam (the sum of purchases, generation from renewables, and net transfers), and other energy that respondents indicated was used to produce heat and power or as feedstock/raw material inputs. See also Footnote 'i'.

(h) 'Shipments of Energy Sources Produced Onsite' are those shipments produced or transformed onsite from the nonfuel use of other energy sources. For example, at an establishment that processes coal to make coke for later use, the entire quantity of coal is counted as first use. Any onsite consumption of coke is not counted as first use because it would duplicate the coal use. If some of the coke is then sold to another establishment, then that second establishment will consider this coke to be a shipment of an offsite-produced energy source. Hence, the second establishment will count this coke as its first use, thereby resulting in double counting. In order to eliminate the double counting, the energy equivalent of the coke shipment must be subtracted from first use.

(i) Previously, the Manufacturing Energy Consumption Survey (MECS) had accounted for energy consumed in petroleum refineries by measuring their own fuel use, assuming shipments of fuel products would later be counted in the industries that use them, and assigning the heat equivalent of the nonfuel products to the petroleum refinery (for a more detailed explanation see, "Feedstock and Offsite-Produced Fuel at Petroleum Refineries"). Starting with the 2014 MECS, however, EIA began collecting asphalt and petrochemical feedstock data from establishments that use those nonfuel products. These data are included in the 'Other' column. However, other 'Miscellaneous Nonfuel Products' (i.e. lubricants, solvents, waxes, and special naphthas) from refineries, and used elsewhere throughout the manufacturing sector as energy are not collected on the MECS. An estimate of the 'Miscellaneous Nonfuel Products' used in manufacturing was derived using EIA's "U.S. Product Supplied for Crude Oil and Petroleum Products" data. The 'Miscellaneous Nonfuel Products' are shown as a separate row under the 'Subtotal' for the 'Total United States' and this row is not allocated regionally. Therefore, the sum of the regional totals will equal the United States subtotal in the previous row. Because of the changes made to the 2014 MECS, the quantity in 'Other' for the petroleum refineries in Tables 1 and 2 is now less than it would otherwise be using the previous method. Similarly, the quantities in 'Other' for Chemicals (NAICS 325 and certain subindustries) and the asphalt industries (NAICS 324121 and 324122) are now larger than they would otherwise be under the previous method. The 2014 "Feedstock and Offsite-Produced Fuel at Petroleum Refineries" data may be found on EIA's website:

https://www.eia.gov/dnav/pet/pet_cons_pspus_dc_nus_mtbl_a.htm

* 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 1.2 Relative Standard Errors for Table 1.2;

Unit: Percents.

NAICS Code(a)	Subsector and Industry	Total(b)	Net Electricity(c)	Residual Fuel Oil	Distillate Fuel Oil(d)	Natural Gas(e)	HGL (excluding natural gasoline)(f)	Coal (million)	Coke and Breeze (million)	Other(g)	Shipments of Energy Sources Produced Onsite(h)
Total United States											
311	Food	2.5	2.5	16.2	10.7	3.1	12.2	0.1	0.1	5.7	0.1
3112	Grain and Oilseed Milling	1.5	1.9	37.1	8.0	2.3	31.2	0.1	X	4.5	0.1
311221	Wet Corn Milling	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
31131	Sugar Manufacturing	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X
3114	Fruit and Vegetable Preserving and Specialty Food	2.1	6.0	5.5	11.6	2.0	31.3	0.1	X	22.1	X
3115	Dairy Product	2.0	2.2	0.4	26.6	2.2	20.7	0.1	X	24.0	X
3116	Animal Slaughtering and Processing	2.1	2.3	14.9	7.2	2.8	17.7	26.8	X	34.8	X
312	Beverage and Tobacco Products	3.7	7.6	0.1	18.5	4.4	10.3	0.1	X	4.4	X
3121	Beverages	4.1	8.4	X	19.8	4.9	11.1	0.1	X	4.4	X
3122	Tobacco	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1	X
313	Textile Mills	16.2	13.7	48.0	55.7	17.0	10.9	43.2	X	40.1	X
314	Textile Product Mills	11.7	9.0	0.1	18.8	16.2	50.0	9.6	X	44.2	X
315	Apparel	9.1	9.3	X	68.9	12.8	56.8	X	X	0.2	X
316	Leather and Allied Products	4.7	7.4	61.8	12.4	5.4	9.0	X	X	4.0	X
321	Wood Products	9.5	11.9	0.1	9.0	3.9	8.9	0.1	X	11.0	X
321113	Sawmills	1.3	3.6	0.1	12.0	3.0	11.0	0.1	X	1.3	X
3212	Veneer, Plywood, and Engineered Woods	2.2	4.8	0.1	8.5	4.1	5.1	0.1	X	1.7	X
321219	Reconstituted Wood Products	3.5	7.1	0.1	5.5	4.6	11.1	0.1	X	2.9	X
3219	Other Wood Products	38.6	29.4	0.1	27.5	11.5	15.1	X	X	58.1	X
322	Paper	0.3	1.7	0.1	0.8	1.1	9.0	0.1	X	0.1	X
322110	Pulp Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X
322121	Paper Mills, except Newsprint	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1	X
322122	Newsprint Mills	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X
323	Printing and Related Support	18.0	17.6	51.8	23.7	19.8	33.8	X	X	79.1	X
324	Petroleum and Coal Products	0.4	0.1	5.2	1.6	0.3	0.2	0.2	0.1	0.6	0.1
324110	Petroleum Refineries	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1	X
324121	Asphalt Paving Mixture and Block	4.3	3.6	13.5	3.6	5.6	6.0	X	X	4.4	57.8
324122	Asphalt Shingle and Coating Materials	0.7	0.9	0.1	19.6	1.3	19.5	52.3	X	0.7	11.9
324199	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325	Chemicals	1.0	1.9	0.2	3.0	0.8	0.4	3.2	0.1	4.9	0.1
325110	Petrochemicals	0.1	0.1	0.1	0.1	0.1	0.1	X	X	0.1	0.1
325120	Industrial Gases	2.7	6.9	X	37.8	0.4	48.4	X	X	0.1	0.3
325180	Other Basic Inorganic Chemicals	1.6	1.9	0.1	3.0	3.0	2.0	0.1	0.1	2.6	X
325193	Ethyl Alcohol	3.0	3.6	X	25.8	3.8	1.7	2.6	X	7.3	X
325194	Chemicals	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
325199	Other Basic Organic Chemicals	2.7	3.7	0.1	1.0	1.2	1.0	4.8	X	10.6	0.1
325211	Plastics Materials and Resins	0.5	3.7	17.8	5.0	0.7	0.2	32.4	X	0.5	0.1
325212	Synthetic Rubber	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X
325311	Nitrogenous Fertilizers	1.4	4.3	0.1	2.5	1.3	0.7	X	X	0.1	0.0
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X
3254	Pharmaceuticals and Medicines	4.7	11.3	X	31.9	2.6	21.5	0.1	X	0.6	X
325412	Pharmaceutical Preparation	1.4	1.9	X	36.8	1.5	25.5	0.1	X	0.2	X
325992	Photographic Film, Paper, Plate, and Chemicals	1.6	0.7	0.1	0.1	3.2	39.7	X	X	0.1	X
326	Plastics and Rubber Products	8.4	9.9	X	70.6	12.3	15.8	62.3	X	54.2	X
327	Nonmetallic Mineral Products	2.2	3.6	9.8	16.5	4.1	15.0	0.9	4.8	0.9	X
327120	Clay Building Material and Refractories	2.9	1.8	59.3	8.0	3.3	4.6	3.1	X	1.0	X
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
327212	Other Pressed and Blown Glass and Glassware	0.8	1.0	X	0.1	0.9	0.5	X	X	8.5	X
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
327215	Glass Products from Purchased Glass	6.7	1.8	79.8	3.2	13.7	11.6	81.2	X	0.3	X
327310	Cements	0.7	0.9	0.1	6.4	2.0	1.2	0.5	5.8	0.6	X
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0	X
327420	Gypsum	0.2	1.9	X	0.1	0.1	1.4	X	X	0.1	X
327993	Mineral Wool	1.2	0.6	57.4	7.0	0.8	3.8	X	0.1	41.7	X
331	Primary Metals	0.5	1.2	0.1	0.8	0.5	2.5	0.1	0.4	1.8	0.1
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	0.1
3312	Steel Products from Purchased Steel	9.9	18.7	X	6.2	5.6	13.8	1.7	X	14.3	X
3313	Alumina and Aluminum	0.3	0.1	0.1	0.1	0.4	1.3	X	X	0.1	0.1
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	X	0.1	0.1	0.1	X	X	0.1	X
331315	Aluminum Sheet, Plate and Foils	1.0	1.1	X	0.1	1.0	5.4	X	X	0.1	0.1
331318	Other Aluminum Rolling, Drawing and Extruding	0.9	0.8	0.1	0.3	1.1	2.5	X	X	4.9	X
3314	Nonferrous Metals, except Aluminum	2.0	2.3	X	3.2	3.7	4.1	0.1	10.0	0.2	X
331410	Refining	0.6	0.7	X	0.0	0.9	4.1	0.1	0.0	0.1	X
3315	Foundries	3.7	6.8	0.1	4.9	4.4	4.8	0.1	5.7	1.1	0.1
331511	Iron Foundries	2.1	2.5	0.1	1.9	1.4	3.4	0.1	5.7	3.0	0.1
331523	Nonferrous Metal Die-Casting Foundries	1.2	1.2	X	3.5	1.4	9.5	X	X	8.8	X
331524	Aluminum Foundries, except Die-Casting	9.7	3.9	0.1	54.9	11.4	4.4	X	X	4.2	X

332	Fabricated Metal Products	9.0	8.1	X	29.7	12.0	19.6	0.1	X	79.5	X
333	Machinery	9.2	8.7	68.8	33.0	12.1	29.0	87.6	X	31.9	X
334	Computer and Electronic Products	6.1	4.2	0.1	45.2	12.5	29.3	X	X	63.5	X
334413	Semiconductors and Related Devices	1.3	1.3	0.1	0.9	1.5	4.8	X	X	0.1	X
335	Electrical Equip., Appliances, and Components	7.8	8.5	X	33.6	9.5	50.0	X	0.1	45.5	X
336	Transportation Equipment	4.6	5.1	0.1	34.0	5.4	15.2	0.1	17.2	13.5	X
336111	Automobiles	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
3364	Aerospace Product and Parts	7.1	6.8	0.1	68.1	6.2	21.7	X	X	22.9	X
336411	Aircraft	19.7	19.0	0.1	84.4	14.0	3.7	X	X	39.1	X
337	Furniture and Related Products	9.1	8.3	X	54.6	13.2	27.2	4.4	X	40.2	X
339	Miscellaneous	16.0	9.3	0.1	67.5	26.8	49.1	X	X	79.7	X
	Subtotal	0.5	1.2	0.7	5.0	0.7	0.4	0.7	0.4	1.1	0.1
	Miscellaneous Nonfuel Products(i)	0	X	X	X	X	X	X	X	0	X
	Total	0.5	1.2	0.7	5.0	0.7	0.4	0.7	0.4	1.0	0.1
Northeast Census Region											
311	Food	10.5	10.0	25.0	9.0	13.0	27.3	0.1	X	5.8	X
3112	Grain and Oilseed Milling	4.9	11.7	X	0.0	3.4	0.0	X	X	0.1	X
311221	Wet Corn Milling	0.0	0.0	X	0.0	0.0	X	X	X	X	X
31131	Sugar Manufacturing	0.0	0.0	X	X	0.0	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	3.2	6.3	16.1	4.6	3.5	29.8	0.1	X	23.8	X
3115	Dairy Product	4.7	4.5	0.1	21.7	6.5	23.1	X	X	0.1	X
3116	Animal Slaughtering and Processing	3.3	4.3	0.1	9.4	3.7	38.9	X	X	3.0	X
312	Beverage and Tobacco Products	6.9	4.4	X	3.0	9.6	11.3	X	X	80.8	X
3121	Beverages	7.3	4.5	X	3.1	10.5	11.6	X	X	80.8	X
3122	Tobacco	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
313	Textile Mills	63.3	66.8	0.1	38.2	48.1	0.5	X	X	97.0	X
314	Textile Product Mills	27.5	40.5	X	0.1	23.4	71.7	0.1	X	X	X
315	Apparel	35.3	38.6	X	98.4	53.1	98.5	X	X	X	X
316	Leather and Allied Products	7.7	6.1	78.4	11.5	11.8	44.3	X	X	0.0	X
321	Wood Products	5.3	17.7	0.1	14.2	19.8	26.0	0.1	X	5.4	X
321113	Sawmills	1.7	2.3	0.1	4.2	2.9	2.3	0.1	X	2.2	X
3212	Veneer, Plywood, and Engineered Woods	0.1	0.6	X	5.1	0.8	3.6	X	X	0.1	X
321219	Reconstituted Wood Products	0.1	0.1	X	0.1	0.1	0.1	X	X	0.1	X
3219	Other Wood Products	22.6	27.0	X	31.4	30.5	34.5	X	X	44.2	X
322	Paper	1.5	7.0	0.1	5.5	3.7	17.2	0.1	X	0.2	X
322110	Pulp Mills	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X
322122	Newsprint Mills	X	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	X
323	Printing and Related Support	18.0	19.8	51.8	36.6	19.5	35.5	X	X	68.7	X
324	Petroleum and Coal Products	2.2	0.5	12.5	4.7	1.1	3.3	0.1	X	2.7	0.1
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X
324121	Asphalt Paving Mixture and Block	6.3	5.5	13.3	6.2	6.1	19.4	X	X	7.0	X
324122	Asphalt Shingle and Coating Materials	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
324199	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	0.0
325	Chemicals	3.9	11.3	61.0	31.0	6.0	1.0	81.1	X	1.7	0.1
325110	Petrochemicals	0.0	0.0	X	0.0	0.0	X	X	X	0.0	X
325120	Industrial Gases	18.0	22.5	X	0.0	9.5	0.1	X	X	0.0	0.0
325180	Other Basic Inorganic Chemicals	4.1	7.3	X	0.2	4.6	1.3	X	X	0.1	X
325193	Ethyl Alcohol	0.0	0.0	X	0.0	0.0	0.0	X	X	X	X
325194	Chemicals	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
325199	Other Basic Organic Chemicals	2.8	5.4	X	2.8	1.4	66.1	X	X	12.1	X
325211	Plastics Materials and Resins	2.9	17.3	0.1	19.4	25.5	0.1	X	X	0.1	X
325212	Synthetic Rubber	0.0	0.0	X	0.0	0.0	0.0	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	X	0.0	0.0	X	X	0.0	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X
325312	Phosphatic Fertilizers	0.0	0.0	X	0.0	X	0.0	X	X	0.0	X
3254	Pharmaceuticals and Medicines	12.7	35.0	X	44.6	5.4	48.7	X	X	24.3	X
325412	Pharmaceutical Preparation	4.7	4.3	X	49.3	2.6	74.8	X	X	35.9	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X
326	Plastics and Rubber Products	22.9	26.5	X	77.0	34.5	48.6	66.4	X	51.5	X
327	Nonmetallic Mineral Products	3.9	4.0	13.6	39.7	5.9	35.6	0.1	0.1	0.3	X
327120	Clay Building Material and Refractories	1.9	1.7	X	0.1	2.1	5.5	X	X	29.8	X
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
327212	Other Pressed and Blown Glass and Glassware	2.8	2.6	X	0.1	3.3	1.7	X	X	14.7	X
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
327215	Glass Products from Purchased Glass	1.6	2.5	X	0.4	1.9	0.6	81.2	X	0.1	X
327310	Cements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
327420	Gypsum	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
327993	Mineral Wool	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
331	Primary Metals	1.1	1.7	0.1	1.7	2.0	6.5	0.1	0.6	0.1	0.1
331110	Iron and Steel Mills and Ferroalloys	1.6	2.2	X	0.9	3.0	2.6	0.1	0.1	2.2	0.1
3312	Steel Products from Purchased Steel	5.7	4.1	X	42.4	10.1	23.1	X	X	0.1	X
3313	Alumina and Aluminum	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
331318	Other Aluminum Rolling, Drawing and Extruding	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X

3314	Nonferrous Metals, except Aluminum	2.6	9.2	X	18.5	3.1	9.3	68.1	0.1	0.1	X
331410	Refining	0.0	0.0	X	0.0	0.0	0.0	X	0.0	0.0	X
3315	Foundries	1.6	2.1	0.1	4.8	1.6	10.6	0.1	4.4	0.4	X
331511	Iron Foundries	1.8	2.3	X	6.7	1.9	5.9	0.0	4.4	0.6	X
331523	Nonferrous Metal Die-Casting Foundries	2.5	0.9	X	X	3.6	0.3	X	X	1.5	X
331524	Aluminum Foundries, except Die-Casting	1.1	1.1	0.1	10.2	2.1	1.0	X	X	0.2	X
332	Fabricated Metal Products	28.0	25.9	X	58.6	35.7	51.9	X	X	61.7	X
333	Machinery	21.5	21.3	X	84.9	23.8	81.5	X	X	53.6	X
334	Computer and Electronic Products	10.2	11.8	0.1	65.0	11.0	54.2	X	X	0.1	X
334413	Semiconductors and Related Devices	6.7	7.1	0.1	0.3	6.9	20.1	X	X	0.1	X
335	Electrical Equip., Appliances, and Components	21.6	18.3	X	37.0	19.9	54.2	X	0.1	83.6	X
336	Transportation Equipment	19.2	21.5	0.1	8.8	19.6	67.9	45.2	X	51.1	X
336111	Automobiles	0.0	0.0	X	X	X	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	X	X	X	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	3.9	5.3	0.0	0.1	2.9	7.8	X	X	15.9	X
336411	Aircraft	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X
337	Furniture and Related Products	38.9	27.0	X	91.3	34.0	78.0	X	X	94.5	X
339	Miscellaneous	20.4	19.7	0.1	42.8	31.7	71.5	X	X	90.1	X
	Total	1.9	3.9	5.4	11.2	3.0	1.6	1.9	0.6	1.9	0.1
Midwest Census Region											
311	Food	2.6	3.8	12.8	24.5	3.6	18.4	0.1	0.1	5.3	0.1
3112	Grain and Oilseed Milling	1.7	1.6	37.6	11.0	2.6	38.1	0.1	X	5.4	0.1
311221	Wet Corn Milling	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
3114	Fruit and Vegetable Preserving and Specialty Food	3.7	5.5	0.1	19.5	3.8	22.3	X	X	11.6	X
3115	Dairy Product	3.6	3.9	17.3	47.7	4.0	50.7	0.1	X	0.1	X
3116	Animal Slaughtering and Processing	3.2	3.0	0.1	21.4	3.9	22.0	X	X	32.6	X
312	Beverage and Tobacco Products	3.1	4.1	X	18.1	3.1	22.6	0.1	X	84.0	X
3121	Beverages	3.2	4.1	X	18.1	3.1	22.6	0.1	X	84.0	X
3122	Tobacco	0.0	0.0	X	0.0	0.0	X	X	X	X	X
313	Textile Mills	6.5	4.6	X	88.3	10.1	13.8	X	X	0.1	X
314	Textile Product Mills	56.2	40.5	X	87.6	66.5	56.5	X	X	87.6	X
315	Apparel	67.5	68.9	X	X	66.5	X	X	X	X	X
316	Leather and Allied Products	6.0	9.0	X	X	6.9	4.9	X	X	X	X
321	Wood Products	8.2	5.8	0.1	24.7	8.1	24.2	0.1	X	17.1	X
321113	Sawmills	2.0	3.1	0.1	21.6	4.3	7.3	X	X	0.7	X
3212	Veneer, Plywood, and Engineered Woods	2.9	1.6	X	19.5	7.8	14.2	0.1	X	2.3	X
321219	Reconstituted Wood Products	0.4	1.8	X	0.1	0.7	8.8	0.1	X	0.1	X
3219	Other Wood Products	18.6	9.7	X	57.2	15.2	33.8	X	X	50.4	X
322	Paper	1.8	4.5	0.1	3.8	3.9	25.7	0.1	X	0.1	X
322110	Pulp Mills	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
322121	Paper Mills, except Newsprint	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1	X
322122	Newsprint Mills	0.0	0.0	X	X	0.0	X	X	X	0.0	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X
323	Printing and Related Support	15.7	17.5	X	36.8	17.4	18.5	X	X	97.5	X
324	Petroleum and Coal Products	0.5	0.3	30.6	3.3	0.5	0.1	0.1	0.1	0.9	0.1
324110	Petroleum Refineries	0.1	0.2	X	0.1	0.1	0.1	X	X	0.1	X
324121	Asphalt Paving Mixture and Block	5.0	5.2	31.2	11.0	3.8	16.6	X	X	5.5	X
324122	Asphalt Shingle and Coating Materials	0.8	2.3	0.1	0.1	3.3	10.4	X	X	0.6	X
324199	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325	Chemicals	4.3	3.2	0.1	12.9	3.1	5.4	6.3	X	35.4	0.3
325110	Petrochemicals	5.9	37.4	X	X	0.1	85.4	X	X	X	X
325120	Industrial Gases	5.1	6.1	X	13.9	0.7	39.9	X	X	10.4	0.1
325180	Other Basic Inorganic Chemicals	7.4	1.4	0.1	22.4	14.0	12.5	X	X	0.1	X
325193	Ethyl Alcohol	3.2	3.7	X	26.5	4.1	10.0	2.6	X	7.8	X
325194	Chemicals	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
325199	Other Basic Organic Chemicals	29.3	4.0	X	5.6	1.8	0.1	25.7	X	62.3	X
325211	Plastics Materials and Resins	4.5	10.0	0.1	1.4	6.1	0.1	40.5	X	1.2	0.1
325212	Synthetic Rubber	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	X	0.0	0.0	X	X	X	X
325311	Nitrogenous Fertilizers	0.2	1.1	X	41.7	0.2	79.1	X	X	0.1	0.0
325312	Phosphatic Fertilizers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
3254	Pharmaceuticals and Medicines	1.6	1.4	X	0.7	3.0	2.5	0.1	X	0.1	X
325412	Pharmaceutical Preparation	1.6	1.3	X	0.8	3.3	0.1	0.1	X	0.2	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	X	X	0.0	0.0	X	X	0.0	X
326	Plastics and Rubber Products	14.5	13.8	X	78.5	21.8	23.2	X	X	65.1	X
327	Nonmetallic Mineral Products	3.1	5.2	57.4	14.8	6.6	24.6	0.1	0.1	3.0	X
327120	Clay Building Material and Refractories	4.0	3.4	X	6.0	4.4	4.6	19.0	X	27.0	X
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
327212	Other Pressed and Blown Glass and Glassware	0.3	0.7	X	0.1	0.3	0.0	X	X	0.1	X
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
327215	Glass Products from Purchased Glass	0.8	1.0	X	3.7	0.9	31.3	X	X	0.0	X
327310	Cements	0.3	1.7	X	4.4	0.2	0.1	0.0	0.0	0.1	X
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0	X
327420	Gypsum	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
327993	Mineral Wool	2.9	1.2	57.4	32.5	2.2	11.2	X	0.1	41.9	X
331	Primary Metals	0.7	2.5	0.1	1.1	0.6	2.3	0.1	0.5	0.2	0.1
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	0.0
3312	Steel Products from Purchased Steel	23.5	46.4	X	16.6	10.1	17.2	91.8	X	26.7	X

3313	Alumina and Aluminum	0.2	0.1	X	0.1	0.3	3.5	X	X	0.1	X
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	X	0.1	0.1	0.1	X	X	0.1	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
331318	Other Aluminum Rolling, Drawing and Extruding	1.7	1.5	X	1.4	1.9	9.0	X	X	40.4	X
3314	Nonferrous Metals, except Aluminum	6.4	2.3	X	9.1	12.8	1.0	X	23.0	0.4	X
331410	Refining	0.0	0.0	X	0.0	0.0	0.0	X	0.0	0.0	X
3315	Foundries	2.2	2.2	0.1	11.8	3.0	6.6	0.1	8.4	1.2	X
331511	Iron Foundries	3.0	3.5	0.0	3.5	2.0	4.5	0.0	8.4	0.8	X
331523	Nonferrous Metal Die-Casting Foundries	1.7	1.7	X	4.3	2.0	15.0	X	X	14.9	X
331524	Aluminum Foundries, except Die-Casting	15.4	6.8	X	86.5	17.4	11.4	X	X	11.6	X
332	Fabricated Metal Products	13.5	11.6	X	41.9	16.3	30.1	0.1	X	52.4	X
333	Machinery	13.6	13.1	90.0	41.1	16.0	24.7	87.6	X	37.3	X
334	Computer and Electronic Products	33.1	25.4	X	77.0	50.9	62.5	X	X	87.3	X
334413	Semiconductors and Related Devices	0.1	0.1	X	0.1	0.1	0.1	X	X	0.1	X
335	Electrical Equip., Appliances, and Components	20.9	24.5	X	68.4	22.9	93.9	X	X	82.2	X
336	Transportation Equipment	8.0	9.3	0.1	49.3	8.3	29.5	0.1	17.2	10.9	X
336111	Automobiles	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
3364	Aerospace Product and Parts	1.9	2.5	0.1	0.1	3.0	2.8	X	X	0.2	X
336411	Aircraft	1.9	1.9	X	0.0	2.2	12.2	X	X	12.4	X
337	Furniture and Related Products	17.7	16.8	X	2.1	21.8	44.1	0.1	X	53.7	X
339	Miscellaneous	19.1	18.8	X	63.0	29.0	48.0	X	X	98.4	X
	Total	1.4	2.0	2.1	9.6	1.7	4.5	1.3	0.4	4.8	0.1
South Census Region											
311	Food	6.8	5.9	13.8	12.4	9.2	14.3	0.1	X	7.3	X
3112	Grain and Oilseed Milling	4.0	6.5	55.7	16.9	6.8	11.9	0.1	X	8.0	X
311221	Wet Corn Milling	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
31131	Sugar Manufacturing	0.1	0.1	0.1	0.1	0.1	0.1	X	X	0.1	X
3114	Fruit and Vegetable Preserving and Specialty Food	6.8	20.9	0.1	11.0	4.3	26.5	X	X	0.1	X
3115	Dairy Product	4.0	5.0	X	14.6	4.4	7.2	X	X	0.5	X
3116	Animal Slaughtering and Processing	3.5	4.1	16.3	9.3	4.9	11.5	X	X	70.7	X
312	Beverage and Tobacco Products	5.2	3.4	0.1	39.8	8.3	21.2	0.1	X	9.8	X
3121	Beverages	6.5	4.5	X	48.8	10.4	25.8	0.1	X	9.8	X
3122	Tobacco	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	0.0	X
313	Textile Mills	11.1	11.7	67.5	59.4	16.7	31.9	43.2	X	1.7	X
314	Textile Product Mills	11.1	10.8	0.0	19.5	14.7	53.4	11.0	X	44.2	X
315	Apparel	10.7	10.7	X	90.1	14.3	69.1	X	X	0.2	X
316	Leather and Allied Products	13.5	19.1	89.5	46.8	13.2	10.1	X	X	1.7	X
321	Wood Products	17.5	19.7	0.1	15.3	6.3	11.8	X	X	20.1	X
321113	Sawmills	2.1	5.5	X	24.2	11.0	34.5	X	X	2.1	X
3212	Veneer, Plywood, and Engineered Woods	4.3	7.5	0.1	13.1	6.5	8.6	X	X	3.6	X
321219	Reconstituted Wood Products	6.5	10.3	0.1	10.8	6.9	15.9	X	X	6.3	X
3219	Other Wood Products	67.0	51.5	0.1	61.1	30.1	23.8	X	X	81.3	X
322	Paper	0.4	3.1	0.1	0.3	1.4	11.1	0.1	X	0.1	X
322110	Pulp Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X
322122	Newsprint Mills	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X
323	Printing and Related Support	38.7	36.4	X	31.4	44.5	51.1	X	X	83.3	X
324	Petroleum and Coal Products	0.7	0.1	6.8	2.1	0.4	0.8	0.6	0.1	0.9	0.1
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X
324121	Asphalt Paving Mixture and Block	8.7	8.0	7.7	5.0	12.1	3.3	X	X	8.8	57.8
324122	Asphalt Shingle and Coating Materials	1.3	1.1	X	2.2	1.0	35.9	75.1	X	1.3	11.9
324199	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325	Chemicals	0.8	2.5	0.1	2.1	0.6	0.3	0.1	X	3.8	0.1
325110	Petrochemicals	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	0.0
325120	Industrial Gases	3.0	12.6	X	52.8	0.4	0.1	X	X	0.1	0.1
325180	Other Basic Inorganic Chemicals	2.2	2.7	0.1	11.2	3.5	2.0	0.8	X	3.8	X
325193	Ethyl Alcohol	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
325194	Chemicals	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
325199	Other Basic Organic Chemicals	1.0	5.1	0.1	1.0	1.2	1.1	0.1	X	1.9	0.1
325211	Plastics Materials and Resins	0.3	3.6	43.5	5.9	0.4	0.2	1.9	X	0.5	0.1
325212	Synthetic Rubber	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X
325311	Nitrogenous Fertilizers	1.9	8.5	X	0.0	1.8	X	X	X	0.0	X
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X
3254	Pharmaceuticals and Medicines	1.5	2.1	X	1.0	1.6	29.9	X	X	0.1	X
325412	Pharmaceutical Preparation	1.9	3.0	X	1.1	2.1	15.5	X	X	0.1	X
325992	Photographic Film, Paper, Plate, and Chemicals	6.4	2.1	X	0.1	10.2	49.3	X	X	0.0	X
326	Plastics and Rubber Products	13.5	13.3	X	79.4	19.7	26.0	97.5	X	60.9	X
327	Nonmetallic Mineral Products	4.6	7.3	6.1	27.2	7.7	25.9	2.1	33.8	1.2	X
327120	Clay Building Material and Refractories	4.5	2.9	59.3	11.6	5.3	11.5	0.0	X	0.3	X
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
327212	Other Pressed and Blown Glass and Glassware	1.3	1.5	X	0.1	1.3	0.1	X	X	0.1	X
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
327215	Glass Products from Purchased Glass	16.8	2.4	79.8	5.8	30.8	18.9	X	X	7.4	X
327310	Cements	1.6	1.7	0.1	1.7	5.1	5.4	1.2	38.2	1.6	X
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
327420	Gypsum	0.3	3.2	X	0.1	0.1	2.6	X	X	0.1	X

327993	Mineral Wool	0.5	0.7	X	0.1	0.6	3.0	X	0.1	0.4	X
331	Primary Metals	0.9	1.8	0.1	1.5	1.1	7.6	0.1	0.3	5.6	0.1
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	0.0
3312	Steel Products from Purchased Steel	4.5	1.8	X	7.0	2.2	28.7	0.1	X	23.3	X
3313	Alumina and Aluminum	0.5	0.3	0.1	0.1	0.7	1.7	X	X	0.1	0.1
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
331315	Aluminum Sheet, Plate and Foils	2.0	2.3	X	0.1	2.0	11.5	X	X	0.1	0.1
331318	Other Aluminum Rolling, Drawing and Extruding	1.9	1.4	0.0	0.1	2.6	2.9	X	X	3.2	X
3314	Nonferrous Metals, except Aluminum	2.4	5.1	X	0.6	1.2	24.9	0.1	0.1	0.6	X
331410	Refining	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	X
3315	Foundries	12.9	23.0	X	2.5	16.1	10.1	0.1	2.6	5.0	0.1
331511	Iron Foundries	1.6	2.2	X	2.5	1.5	16.4	0.1	2.6	9.1	0.0
331523	Nonferrous Metal Die-Casting Foundries	0.9	1.0	X	1.6	1.0	19.4	X	X	0.1	X
331524	Aluminum Foundries, except Die-Casting	1.9	1.6	X	0.1	2.4	8.0	X	X	16.4	X
332	Fabricated Metal Products	18.5	18.3	X	53.9	24.6	29.3	X	X	91.4	X
333	Machinery	21.5	20.0	99.0	42.6	31.7	31.9	X	X	85.9	X
334	Computer and Electronic Products	7.7	8.2	X	15.5	9.7	54.9	X	X	14.1	X
334413	Semiconductors and Related Devices	1.4	1.9	X	4.1	0.1	0.2	X	X	0.0	X
335	Electrical Equip., Appliances, and Components	12.3	13.4	X	32.1	15.8	29.3	X	X	39.3	X
336	Transportation Equipment	9.7	10.2	0.1	57.5	11.9	22.4	X	X	24.7	X
336111	Automobiles	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
3364	Aerospace Product and Parts	20.6	19.6	X	88.8	19.8	22.5	X	X	35.9	X
336411	Aircraft	37.2	35.5	X	90.0	29.2	4.9	X	X	69.1	X
337	Furniture and Related Products	13.6	14.2	X	35.7	20.0	32.4	77.3	X	34.1	X
339	Miscellaneous	38.4	20.5	X	68.5	55.6	81.0	X	X	78.2	X
	Total	0.7	2.0	0.3	7.8	0.8	0.3	0.8	2.1	1.3	0.1
West Census Region											
311	Food	4.2	5.4	X	22.2	5.4	25.6	0.3	0.1	10.9	X
3112	Grain and Oilseed Milling	2.5	3.0	X	14.9	3.1	10.8	X	X	35.9	X
311221	Wet Corn Milling	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
31131	Sugar Manufacturing	0.1	0.1	X	0.1	0.1	0.1	0.1	0.1	0.1	X
3114	Fruit and Vegetable Preserving and Specialty Food	2.8	5.6	X	16.6	3.0	53.1	X	X	30.8	X
3115	Dairy Product	3.3	4.2	X	40.4	3.3	2.9	X	X	72.9	X
3116	Animal Slaughtering and Processing	4.3	3.1	X	26.5	4.2	58.7	26.8	X	0.2	X
312	Beverage and Tobacco Products	10.3	24.1	X	25.7	7.8	17.4	0.1	X	1.7	X
3121	Beverages	10.3	24.1	X	25.7	7.8	17.4	0.1	X	1.7	X
3122	Tobacco	X	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	X
314	Textile Product Mills	58.2	34.1	X	X	67.5	76.7	X	X	X	X
315	Apparel	23.0	31.7	X	X	15.8	94.4	X	X	X	X
316	Leather and Allied Products	7.3	7.5	X	53.6	11.6	35.7	X	X	53.6	X
321	Wood Products	1.9	3.2	X	5.1	5.0	16.6	X	X	1.8	X
321113	Sawmills	1.4	4.6	X	3.3	1.5	15.1	X	X	1.5	X
3212	Veneer, Plywood, and Engineered Woods	1.3	1.4	X	7.1	2.5	2.8	X	X	1.9	X
321219	Reconstituted Wood Products	0.4	0.5	X	0.0	1.0	7.4	X	X	0.1	X
3219	Other Wood Products	14.8	12.6	X	25.8	25.9	32.4	X	X	28.1	X
322	Paper	2.0	4.6	0.1	0.1	4.6	20.1	0.1	X	0.1	X
322110	Pulp Mills	0.0	0.0	0.0	0.0	X	0.0	X	X	0.0	X
322121	Paper Mills, except Newsprint	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
322122	Newsprint Mills	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X
323	Printing and Related Support	27.5	23.5	X	81.8	39.4	41.0	X	X	96.0	X
324	Petroleum and Coal Products	0.8	0.3	6.6	3.5	0.6	0.1	0.1	X	1.1	0.1
324110	Petroleum Refineries	0.2	0.3	0.1	0.1	0.5	0.0	X	X	0.1	X
324121	Asphalt Paving Mixture and Block	8.9	5.4	55.0	10.6	9.1	4.0	X	X	9.6	X
324122	Asphalt Shingle and Coating Materials	0.2	1.1	X	64.8	3.0	1.4	X	X	0.1	X
324199	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0	0.0
325	Chemicals	2.6	3.2	X	0.3	5.2	16.2	0.1	0.1	1.9	79.6
325110	Petrochemicals	0.0	0.0	X	X	0.0	X	X	X	X	X
325120	Industrial Gases	2.7	3.1	X	87.1	0.1	60.7	X	X	82.6	79.6
325180	Other Basic Inorganic Chemicals	1.4	3.5	X	0.2	3.7	11.5	0.1	0.1	3.0	X
325193	Ethyl Alcohol	20.8	32.2	X	0.1	20.5	0.1	X	X	0.0	X
325194	Chemicals	0.0	0.0	X	X	0.0	0.0	X	X	0.0	X
325199	Other Basic Organic Chemicals	1.5	3.6	X	5.2	1.2	0.9	X	X	1.4	X
325211	Plastics Materials and Resins	28.4	1.4	X	13.8	39.8	7.6	X	X	0.0	X
325212	Synthetic Rubber	0.0	0.0	X	X	0.0	0.0	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	X	0.0	0.0	X	X	0.0	X
325311	Nitrogenous Fertilizers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
325312	Phosphatic Fertilizers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
3254	Pharmaceuticals and Medicines	3.9	5.7	X	1.5	4.5	6.8	X	X	25.2	X
325412	Pharmaceutical Preparation	4.9	9.5	X	0.1	3.4	7.8	X	X	0.1	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.3	0.8	X	0.1	0.2	0.0	X	X	0.1	X
326	Plastics and Rubber Products	39.1	45.7	X	99.0	39.4	52.6	X	X	98.8	X
327	Nonmetallic Mineral Products	3.5	3.4	X	36.5	8.5	17.3	0.1	0.1	0.2	X
327120	Clay Building Material and Refractories	1.2	4.1	X	0.1	1.2	2.4	X	X	6.1	X
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
327212	Other Pressed and Blown Glass and Glassware	1.6	1.4	X	5.4	2.0	6.3	X	X	0.0	X
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X

327215	Glass Products from Purchased Glass	6.9	13.0	X	0.1	1.6	5.4	X	X	2.1	X
327310	Cements	0.3	0.3	X	20.9	0.0	0.0	0.0	0.0	0.0	X
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0	X
327420	Gypsum	0.4	4.2	X	0.1	0.1	0.1	X	X	0.1	X
327993	Mineral Wool	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
331	Primary Metals	0.4	0.4	X	0.1	0.5	5.1	X	0.1	0.2	X
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
3312	Steel Products from Purchased Steel	1.1	1.9	X	0.1	0.4	5.5	X	X	0.1	X
3313	Alumina and Aluminum	0.1	0.1	X	0.1	0.1	2.3	X	X	1.0	X
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	X	0.1	0.1	0.1	X	X	0.1	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
331318	Other Aluminum Rolling, Drawing and Extruding	1.0	2.5	X	0.1	0.6	3.0	X	X	30.1	X
3314	Nonferrous Metals, except Aluminum	1.4	1.9	X	0.3	1.1	12.8	X	0.0	0.5	X
331410	Refining	1.7	2.5	X	0.0	1.3	24.6	X	X	0.0	X
3315	Foundries	1.6	1.8	X	0.1	2.1	9.2	X	0.1	0.2	X
331511	Iron Foundries	0.0	0.0	X	0.0	0.0	0.0	X	0.0	0.0	X
331523	Nonferrous Metal Die-Casting Foundries	2.9	2.4	X	X	3.7	6.7	X	X	31.8	X
331524	Aluminum Foundries, except Die-Casting	2.6	3.3	X	0.1	2.9	1.0	X	X	0.1	X
332	Fabricated Metal Products	28.8	25.5	X	70.1	43.5	56.1	X	X	76.2	X
333	Machinery	25.7	22.9	X	97.5	49.8	67.0	X	X	96.7	X
334	Computer and Electronic Products	3.8	3.8	X	11.4	5.5	52.5	X	X	6.6	X
334413	Semiconductors and Related Devices	1.4	1.5	X	1.5	1.4	0.1	X	X	0.1	X
335	Electrical Equip., Appliances, and Components	30.2	29.1	X	39.1	37.9	40.4	X	X	38.4	X
336	Transportation Equipment	9.2	10.3	X	11.0	11.9	31.4	X	X	35.2	X
336111	Automobiles	0.0	0.0	X	X	0.0	0.0	X	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0	X
3364	Aerospace Product and Parts	6.6	4.1	X	6.4	9.9	41.3	X	X	37.9	X
336411	Aircraft	5.4	5.1	X	13.8	5.4	5.0	X	X	60.4	X
337	Furniture and Related Products	23.6	26.8	X	X	34.5	30.2	X	X	99.0	X
339	Miscellaneous	19.1	19.2	X	58.6	23.3	49.0	X	X	95.8	X
	Total	1.2	4.4	4.5	13.3	1.9	6.7	0.1	0.1	0.8	0.6

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

(b) 'Total' is the sum of all of the listed energy sources, including 'Other,' minus the shipments of energy sources produced onsite. It is the total amount of first use of energy for all (fuel and nonfuel) purposes.

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

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

(e) '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.

(f) 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).

(g) 'Other' includes net steam (the sum of purchases, generation from renewables, and net transfers), and other energy that respondents indicated was used to produce heat and power or as feedstock/raw material inputs. See also Footnote 'I'.

(h) 'Shipments of Energy Sources Produced Onsite' are those shipments produced or transformed onsite from the nonfuel use of other energy sources. For example, at an establishment that processes coal to make coke for later use, the entire quantity of coal is counted as first use. Any onsite consumption of coke is not counted as first use because it would duplicate the coal use. If some of the coke is then sold to another establishment, then that second establishment will consider this coke to be a shipment of an offsite-produced energy source. Hence, the second establishment will count this coke as its first use, thereby resulting in double counting. In order to eliminate the double counting, the energy equivalent of the coke shipment must be subtracted from first use.

(i) Previously, the Manufacturing Energy Consumption Survey (MECS) had accounted for energy consumed in petroleum refineries by measuring their own fuel use, assuming shipments of fuel products would later be counted in the industries that use them, and assigning the heat equivalent of the nonfuel products to the petroleum refinery (for a more detailed explanation see, "Feedstock and Offsite-Produced Fuel at Petroleum Refineries"). Starting with the 2014 MECS, however, EIA began collecting asphalt and petrochemical feedstock data from establishments that use those nonfuel products. These data are included in the 'Other' column. However, other 'Miscellaneous Nonfuel Products' (i.e. lubricants, solvents, waxes, and special naphthas) from refineries, and used elsewhere throughout the manufacturing sector as energy are not collected on the MECS. An estimate of the 'Miscellaneous Nonfuel Products' used in manufacturing was derived using EIA's "U.S. Product Supplied for Crude Oil and Petroleum Products" data. The 'Miscellaneous Nonfuel Products' are shown as a separate row under the 'Subtotal' for the 'Total United States' and this row is not allocated regionally. Therefore, the sum of the regional totals will equal the United States subtotal in the previous row. Because of the changes made to the 2014 MECS, the quantity in 'Other' for the petroleum refineries in Tables 1 and 2 is now less than it would otherwise be using the previous method. Similarly, the quantities in 'Other' for Chemicals (NAICS 325 and certain subindustries) and the asphalt industries (NAICS 324121 and 324122) are now larger than they would otherwise be under the previous method. The 2014 "Feedstock and Offsite-Produced Fuel at Petroleum Refineries" data may be found on EIA's website:

https://www.eia.gov/dnav/pet/pet_cons_psup_dc_nus_mbb1_a.htm

* Estimate less than 0.5.

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.

Sources: 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.