Released: October 2017

Next MECS will be fielded in 2019

Table 2.1 Nonfuel (Feedstock) Use of Combustible Energy, 2014;

Level: National and Regional Data; Row: NAICS Codes; Column: Energy Sources;

Unit: Physical Units or Btu.

								Coke	
			Residual	Distillate	Natural	HGL (excluding	Coal	and Breeze	
NAICS		Total	Fuel Oil	Fuel Oil(b)	Gas(c)	natural gasoline)(d)	(million	(million	Other(e)
Code(a)	Subsector and Industry	(trillion Btu)	(million bbl)	(million bbl)	(billion cu ft)	(million bbl)	short tons)	short tons)	(trillion Btu)
311	Food	Total United States 4	0	*	2	*	0	0	0
3112	Grain and Oilseed Milling	3	0	*	1	0	0	0	Q 0
311221	Wet Corn Milling	*	0	0	0	0	0	0	*
31131	Sugar Manufacturing	*	0	0	*	0	0	0	*
31131	Fruit and Vegetable Preserving and Specialty Food	1	0	*	*	0	0	0	*
3115	Dairy Product	1	0	0	1	*	0	0	*
3116	Animal Slaughtering and Processing	*	0	*	*	0	0	0	*
3110	Beverage and Tobacco Products	*	0	*	*	0	0	0	*
3121	Beverages	*	0	*	*	0	0	0	*
3122	Tobacco	*	0	*	0	0	0	0	*
313	Textile Mills	*	0	0	*	*	0	0	*
313	Textile Product Mills	*	0	0	*	0	0	0	*
315	Apparel	0	0	0	0	0	0	0	0
315	Leather and Allied Products	*	*	0	0	*	0	0	0
321	Wood Products	2	*	*	*	*	0	0	*
321113	Sawmills	*	0	*	*	*	0	0	*
321113	Veneer, Plywood, and Engineered Woods	*	*	*	*	*	0	0	*
321219	Reconstituted Wood Products	*	*	*	0	0	0	0	*
321215	Other Wood Products	*	0	*	*	*	0	0	*
3213	Paper	1	0	*	*	*	0	0	*
322110	Pulp Mills	¥	0	0	0	0	0	0	*
322110	Paper Mills, except Newsprint	*	0	0	*	0	0	0	*
322121	Newsprint Mills	*	0	0	0	0	0	0	*
322122	Paperboard Mills	*	0	*	0	*	0	0	*
323	Printing and Related Support	*	0	*	*	0	0	0	*
324	Petroleum and Coal Products	W	0	*	1	*	W	W	544
324	Petroleum and Coal Products Petroleum Refineries	0	0	0	1	0	0	0	544 0
			0	U *	U *	U *	0		
324121	Asphalt Paving Mixture and Block	373	0	*		*	U *	0	372
324122	Asphalt Shingle and Coating Materials	153	0	*	U *	~			152
324199	Other Petroleum and Coal Products	W	0 9	т л	T 400	0	W 1	W *	19
325	Chemicals	W	9	1	480	681	1	*	W

325120 I		998	W			273	0	0	W
	Industrial Gases	87	0	0	84	*	0	0	*
325180 0	Other Basic Inorganic Chemicals	W	W	*	10	*	*	*	W
325193 E	Ethyl Alcohol	1	0	0	1	*	0	0	*
325194 (Cyclic Crudes, Intermediate and Gum and Wood Chemicals	1	0	0	1	0	0	0	*
325199 (Other Basic Organic Chemicals	843	*	1	108	156	1	0	162
325211 F	Plastics Materials and Resins	1,306	0	*	47	249	0	0	386
325212 9	Synthetic Rubber	*	0	*	*	0	0	0	*
325220	Artificial and Synthetic Fibers and Filaments	*	0	0	*	0	0	0	*
325311	Nitrogenous Fertilizers	W	0	*	219	0	0	0	W
325312 F	Phosphatic Fertilizers	*	0	0	*	0	0	0	*
3254 F	Pharmaceuticals and Medicines	1	0	0	*	*	0	0	*
325412 F	Pharmaceutical Preparation	*	0	0	*	0	0	0	*
325992 F	Photographic Film, Paper, Plate, and Chemicals	*	0	0	*	*	0	0	*
326 PI	lastics and Rubber Products	Q	0	0	Q	*	0	0	*
327 N	Ionmetallic Mineral Products	W	*	*	*	*	*	0	W
327120	Clay Building Material and Refractories	*	0	*	*	*	*	0	*
	Flat Glass	*	0	*	*	*	*	0	*
327212 (Other Pressed and Blown Glass and Glassware	*	0	0	*	*	0	0	*
327213 (Glass Containers	*	0	0	0	*	0	0	*
327215 (Glass Products from Purchased Glass	*	0	*	*	*	0	0	*
327310 (Cements	3	0	0	*	*	0	0	3
327410 l	Lime	*	0	0	0	*	0	0	*
327420 G	Gypsum	*	0	0	0	0	0	0	*
327993	Mineral Wool	*	*	*	*	*	0	0	*
331 Pi	rimary Metals	W	*	*	44	*	W	W	16
331110 I	Iron and Steel Mills and Ferroalloys	W	0	*	40	0	W	W	1
3312 S	Steel Products from Purchased Steel	1	0	0	1	*	*	0	*
3313 A	Alumina and Aluminum	11	*	*	2	*	0	0	9
331314 9	Secondary Smelting and Alloying of Aluminum	*	0	*	*	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	*	0	*	*	0	0	0	*
331318 (Other Aluminum Rolling, Drawing and Extruding	1	*	0	1	*	0	0	*
3314 N	Nonferrous Metals, except Aluminum	13	0	0	*	0	*	*	6
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	4	0	0	0	0	*	*	*
3315 F	Foundries	2	0	*	*	*	*	*	*
331511 I	Iron Foundries	2	0	0	*	*	*	*	*
331523	Nonferrous Metal Die-Casting Foundries	*	0	*	*	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	*	0	0	*	*	0	0	*
332 Fa	abricated Metal Products	Q	0	0	Q	*	*	0	Q
333 N	/lachinery	Q	*	*	Q	*	0	0	*
334 Co	omputer and Electronic Products	*	0	*	*	0	0	0	*
334413 9	Semiconductors and Related Devices	*	0	*	0	0	0	0	*
335 El	lectrical Equip., Appliances, and Components	Q	0	0	*	0	0	*	Q
336 Tı	ransportation Equipment	6	0	0	4	*	*	0	Q

336111	Automobiles	*	0	0	*	*	0	0	*
336112	Light Trucks and Utility Vehicles	*	0	0	*	*	0	0	*
3364	Aerospace Product and Parts	2	0	0	1	*	0	0	Q
336411	Aircraft	*	0	0	0	*	0	0	*
337	Furniture and Related Products	*	0	0	0	*	0	0	*
339	Miscellaneous	*	0	0	*	0	0	0	*
	Subtotal	4,758	9	1	539	682	22	3	1,209
	Miscellaneous Nonfuel Products(f)	529	0	0	0	0	0	0	529
	Total	5,287	9	1	539	682	22	3	1,738

		Northeast Census Region							
311	Food	*	0	0	*	*	0	0	*
3112	Grain and Oilseed Milling	0	0	0	0	0	0	0	0
311221	Wet Corn Milling	0	0	0	0	0	0	0	0
31131	Sugar Manufacturing	0	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	0	0	0	0	0	0	0	0
3115	Dairy Product	*	0	0	0	*	0	0	0
3116	Animal Slaughtering and Processing	*	0	0	*	0	0	0	*
312	Beverage and Tobacco Products	*	0	0	0	0	0	0	*
3121	Beverages	*	0	0	0	0	0	0	*
3122	Tobacco	0	0	0	0	0	0	0	0
313	Textile Mills	*	0	0	*	0	0	0	0
314	Textile Product Mills	0	0	0	0	0	0	0	0
315	Apparel	0	0	0	0	0	0	0	0
316	Leather and Allied Products	0	0	0	0	0	0	0	0
321	Wood Products	*	0	*	*	*	0	0	*
321113	Sawmills	*	0	*	*	*	0	0	*
3212	Veneer, Plywood, and Engineered Woods	*	0	*	0	*	0	0	*
321219	Reconstituted Wood Products	*	0	*	0	0	0	0	*
3219	Other Wood Products	*	0	0	*	0	0	0	0
322	Paper	*	0	*	*	0	0	0	*
322110	Pulp Mills	0	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	*	0	0	*	0	0	0	*
322122	Newsprint Mills	0	0	0	0	0	0	0	0
322130	Paperboard Mills	*	0	0	0	0	0	0	*
323	Printing and Related Support	*	0	0	0	0	0	0	*
324	Petroleum and Coal Products	87	0	*	1	*	0	0	86
324110	Petroleum Refineries	0	0	0	0	0	0	0	0
324121	Asphalt Paving Mixture and Block	78	0	*	*	0	0	0	78
324122	Asphalt Shingle and Coating Materials	8	0	0	0	*	0	0	8
324199	Other Petroleum and Coal Products	*	0	*	*	0	0	0	0
325	Chemicals	79	0	0	2	21	0	0	1
325110	Petrochemicals	*	0	0	0	0	0	0	*
325120	Industrial Gases	1	0	0	1	0	0	0	0

325180	Other Basic Inorganic Chemicals	1	0	0	*	0	0	0	1
325193	Ethyl Alcohol	0	0	0	0	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	1	0	0	*	*	0	0	1
325211	Plastics Materials and Resins	75	0	0	0	21	0	0	*
325212	Synthetic Rubber	0	0	0	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	*	0	0	0	0	0	0	*
325311	Nitrogenous Fertilizers	*	0	0	*	0	0	0	*
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	*	0	0	*	*	0	0	*
325412	Pharmaceutical Preparation	*	0	0	*	0	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	*	0	0	*	0	0	0	*
326	Plastics and Rubber Products	*	0	0	0	*	0	0	*
327	Nonmetallic Mineral Products	2	0	*	*	*	*	0	2
327120	Clay Building Material and Refractories	*	0	*	*	*	0	0	0
327211	Flat Glass	*	0	0	0	0	*	0	*
327212	Other Pressed and Blown Glass and Glassware	*	0	0	*	0	0	0	*
327213	Glass Containers	0	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	*	0	0	*	0	0	0	*
327310	Cements	2	0	0	0	*	0	0	2
327410	Lime	*	0	0	0	*	0	0	0
327420	Gypsum	0	0	0	0	0	0	0	0
327993	Mineral Wool	0	0	0	0	0	0	0	0
331	Primary Metals	149	0	*	*	*	6	*	9
331110	Iron and Steel Mills and Ferroalloys	138	0	*	*	0	6	*	*
3312	Steel Products from Purchased Steel	*	0	0	*	*	0	0	*
3313	Alumina and Aluminum	4	0	0	*	*	0	0	4
331314	Secondary Smelting and Alloying of Aluminum	0	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	*	0	0	0	0	0	0	*
331318	Other Aluminum Rolling, Drawing and Extruding	*	0	0	*	*	0	0	*
3314	Nonferrous Metals, except Aluminum	8	0	0	*	0	*	*	5
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	1	0	0	0	0	0	*	0
3315	Foundries	*	0	0	*	*	*	*	*
331511	Iron Foundries	*	0	0	*	*	*	*	*
331523	Nonferrous Metal Die-Casting Foundries	*	0	0	0	0	0	0	*
331524	Aluminum Foundries, except Die-Casting	*	0	0	*	0	0	0	*
332	Fabricated Metal Products	*	0	0	0	0	0	0	*
333	Machinery	Q	0	0	Q	0	0	0	*
334	Computer and Electronic Products	*	0	0	*	0	0	0	*
334413	Semiconductors and Related Devices	*	0	0	0	0	0	0	*
335	Electrical Equip., Appliances, and Components	Q	0	0	0	0	0	*	Q
336	Transportation Equipment	*	0	0	0	*	*	0	*
336111	Automobiles	0	0	0	0	0	0	0	0
336112									

3364	Aerospace Product and Parts	*	0	0	0	*	0	0	*
336411	Aircraft	*	0	0	0	0	0	0	*
337	Furniture and Related Products	*	0	0	0	*	0	0	0
339	Miscellaneous	*	0	0	*	0	0	0	0
	Total	321	0	*	4	21	6	*	100

Midwest Census Region

	n n	nuwest census kegion							
311	Food	3	0	0	1	0	0	0	Q
3112	Grain and Oilseed Milling	2	0	0	1	0	0	0	Q
311221	Wet Corn Milling	*	0	0	0	0	0	0	*
31131	Sugar Manufacturing	*	0	0	0	0	0	0	*
3114	Fruit and Vegetable Preserving and Specialty Food	0	0	0	0	0	0	0	0
3115	Dairy Product	1	0	0	1	0	0	0	*
3116	Animal Slaughtering and Processing	*	0	0	*	0	0	0	*
312	Beverage and Tobacco Products	*	0	0	*	0	0	0	*
3121	Beverages	*	0	0	*	0	0	0	*
3122	Tobacco	0	0	0	0	0	0	0	0
313	Textile Mills	*	0	0	0	0	0	0	*
314	Textile Product Mills	0	0	0	0	0	0	0	0
315	Apparel	0	0	0	0	0	0	0	0
316	Leather and Allied Products	0	0	0	0	0	0	0	0
321	Wood Products	*	0	*	*	*	0	0	*
321113	Sawmills	*	0	*	*	*	0	0	*
3212	Veneer, Plywood, and Engineered Woods	*	0	*	*	0	0	0	0
321219	Reconstituted Wood Products	*	0	*	0	0	0	0	0
3219	Other Wood Products	*	0	0	*	*	0	0	*
322	Paper	*	0	0	0	*	0	0	*
322110	Pulp Mills	0	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	*	0	0	0	0	0	0	*
322122	Newsprint Mills	0	0	0	0	0	0	0	0
322130	Paperboard Mills	*	0	0	0	*	0	0	*
323	Printing and Related Support	*	0	*	0	0	0	0	*
324	Petroleum and Coal Products	W	0	*	*	*	W	W	121
324110	Petroleum Refineries	0	0	0	0	0	0	0	0
324121	Asphalt Paving Mixture and Block	74	0	*	*	0	0	0	74
324122	Asphalt Shingle and Coating Materials	46	0	0	0	0	0	0	46
324199	Other Petroleum and Coal Products	W	0	*	0	0	W	W	0
325	Chemicals	W	1	*	53	36	0	0	W
325110	Petrochemicals	0	0	0	0	0	0	0	0
325120	Industrial Gases	3	0	0	3	0	0	0	*
325180	Other Basic Inorganic Chemicals	W	1	*	0	0	0	0	W
325193	Ethyl Alcohol	*	0	0	0	*	0	0	*
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	14	0	0	*	4	0	0	*

325211	Plastics Materials and Resins	107	0	0	*	29	0	0	*
325212	Synthetic Rubber	*	0	0	0	0	0	0	*
325220	Artificial and Synthetic Fibers and Filaments	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	W	0	0	41	0	0	0	W
325312	Phosphatic Fertilizers	*	0	0	*	0	0	0	*
3254	Pharmaceuticals and Medicines	*	0	0	*	0	0	0	*
325412	Pharmaceutical Preparation	*	0	0	*	0	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	*	0	0	*	0	0	0	0
326	Plastics and Rubber Products	*	0	0	*	0	0	0	*
327	Nonmetallic Mineral Products	W	*	*	*	*	*	0	W
327120	Clay Building Material and Refractories	*	0	*	0	*	*	0	*
327211	Flat Glass	*	0	*	*	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	0	0	0	0	0	0	0	0
327213	Glass Containers	0	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	*	0	*	*	*	0	0	*
327310	Cements	2	0	0	*	*	0	0	2
327410	Lime	0	0	0	0	0	0	0	0
327420	Gypsum	*	0	0	0	0	0	0	*
327993	Mineral Wool	*	*	0	*	0	0	0	*
331	Primary Metals	W	0	*	18	*	W	W	1
331110	Iron and Steel Mills and Ferroalloys	W	0	*	17	0	W	W	1
3312	Steel Products from Purchased Steel	*	0	0	*	*	*	0	*
3313	Alumina and Aluminum	1	0	0	1	0	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	*	0	0	*	0	0	0	*
331315	Aluminum Sheet, Plate and Foils	*	0	0	*	0	0	0	*
331318	Other Aluminum Rolling, Drawing and Extruding	1	0	0	1	0	0	0	*
3314	Nonferrous Metals, except Aluminum	2	0	0	*	0	0	*	*
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	*	0	0	0	0	0	0	*
3315	Foundries	2	0	0	*	*	*	*	*
331511	Iron Foundries	1	0	0	*	0	*	*	*
331523	Nonferrous Metal Die-Casting Foundries	*	0	0	0	0	0	0	*
331524	Aluminum Foundries, except Die-Casting	*	0	0	*	*	0	0	*
332	Fabricated Metal Products	Q	0	0	Q	*	*	0	*
333	Machinery	*	*	*	*	*	0	0	*
334	Computer and Electronic Products	*	0	*	0	0	0	0	*
334413	Semiconductors and Related Devices	*	0	*	0	0	0	0	*
335	Electrical Equip., Appliances, and Components	*	0	0	*	0	0	0	*
336	Transportation Equipment	2	0	0	Q	*	0	0	*
336111	Automobiles	*	0	0	*	*	0	0	*
336112	Light Trucks and Utility Vehicles	*	0	0	0	*	0	0	0
3364	Aerospace Product and Parts	*	0	0	*	*	0	0	*
336411	Aircraft	*	0	0	0	*	0	0	*
337	Furniture and Related Products	*	0	0	0	0	0	0	*
339	Miscellaneous	*	0	0	0	0	0	0	*

	Total	666	1	*	77	36	11	3	143
		South Census Region							
311	Food	1	0	*	*	0	0	0	*
3112	Grain and Oilseed Milling	*	0	*	*	0	0	0	*
311221	Wet Corn Milling	*	0	0	0	0	0	0	*
31131	Sugar Manufacturing	*	0	0	*	0	0	0	*
3114	Fruit and Vegetable Preserving and Specialty Food	*	0	0	*	0	0	0	*
3115	Dairy Product	*	0	0	0	0	0	0	*
3116	Animal Slaughtering and Processing	*	0	0	*	0	0	0	*
312	Beverage and Tobacco Products	*	0	*	0	0	0	0	*
3121	Beverages	*	0	0	0	0	0	0	*
3122	Торассо	*	0	*	0	0	0	0	*
313	Textile Mills	*	0	0	*	*	0	0	*
314	Textile Product Mills	*	0	0	*	0	0	0	*
315	Apparel	0	0	0	0	0	0	0	0
316	Leather and Allied Products	*	*	0	0	*	0	0	0
321	Wood Products	1	*	*	*	*	0	0	*
321113	Sawmills	*	0	0	*	0	0	0	*
3212	Veneer, Plywood, and Engineered Woods	*	*	0	0	0	0	0	*
321219	Reconstituted Wood Products	*	*	0	0	0	0	0	*
3219	Other Wood Products	*	0	*	0	*	0	0	*
322	Paper	*	0	*	0	0	0	0	*
322110	Pulp Mills	*	0	0	0	0	0	0	*
322121	Paper Mills, except Newsprint	*	0	0	0	0	0	0	*
322122	Newsprint Mills	*	0	0	0	0	0	0	*
322130	Paperboard Mills	*	0	*	0	0	0	0	*
323	Printing and Related Support	*	0	*	0	0	0	0	*
324	Petroleum and Coal Products	310	0	*	*	*	3	*	245
324110	Petroleum Refineries	0	0	0	0	0	0	0	0
324121	Asphalt Paving Mixture and Block	150	0	*	*	*	0	0	150
324122	Asphalt Shingle and Coating Materials	76	0	*	0	*	*	0	75
324199	Other Petroleum and Coal Products	85	0	*	0	0	3	*	19
325	Chemicals	3,272	9	1	417	625	1	0	617
325110	Petrochemicals	998	W	*	*	273	0	0	W
325120	Industrial Gases	82	0	0	80	*	0	0	*
325180	Other Basic Inorganic Chemicals	52	W	*	9	*	*	0	W
325193	Ethyl Alcohol	*	0	0	0	*	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	1	0	0	1	0	0	0	*
325199	Other Basic Organic Chemicals	828	*	1	107	152	1	0	161
325211	Plastics Materials and Resins	1,124	0	*	46	199	0	0	386
325212	Synthetic Rubber	*	0	*	*	0	0	0	*
325220	Artificial and Synthetic Fibers and Filaments	*	0	0	*	0	0	0	*
325311	Nitrogenous Fertilizers	176	0	0	171	0	0	0	*

325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	*	0	0	*	0	0	0	*
325412	Pharmaceutical Preparation	0	0	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	*	0	0	0	0	0	0	*
326	Plastics and Rubber Products	Q	0	0	Q	*	0	0	*
327	Nonmetallic Mineral Products	*	0	*	*	*	*	0	*
327120	Clay Building Material and Refractories	*	0	*	*	*	0	0	*
327211	Flat Glass	*	0	0	0	0	0	0	*
327212	Other Pressed and Blown Glass and Glassware	*	0	0	0	*	0	0	0
327213	Glass Containers	*	0	0	0	*	0	0	0
327215	Glass Products from Purchased Glass	*	0	0	0	0	0	0	*
327310	Cements	*	0	0	*	0	0	0	*
327410	Lime	*	0	0	0	0	0	0	*
327420	Gypsum	0	0	0	0	0	0	0	0
327993	Mineral Wool	*	0	0	0	*	0	0	*
331	Primary Metals	65	*	*	26	*	1	*	5
331110	Iron and Steel Mills and Ferroalloys	54	0	*	24	0	1	*	*
3312	Steel Products from Purchased Steel	1	0	0	1	0	*	0	*
3313	Alumina and Aluminum	6	*	*	1	*	0	0	5
331314	Secondary Smelting and Alloying of Aluminum	*	0	*	*	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	*	0	*	0	0	0	0	*
331318	Other Aluminum Rolling, Drawing and Extruding	*	*	0	*	*	0	0	*
3314	Nonferrous Metals, except Aluminum	4	0	0	*	0	*	0	*
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	4	0	0	0	0	*	0	0
3315	Foundries	*	0	*	*	*	*	0	*
331511	Iron Foundries	*	0	0	0	0	*	0	*
331523	Nonferrous Metal Die-Casting Foundries	*	0	*	0	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	*	0	0	*	0	0	0	0
332	Fabricated Metal Products	Q	0	0	*	*	0	0	0
333	Machinery	*	0	*	0	0	0	0	*
334	Computer and Electronic Products	*	0	0	0	0	0	0	*
334413	Semiconductors and Related Devices	*	0	0	0	0	0	0	*
335	Electrical Equip., Appliances, and Components	*	0	0	0	0	0	0	*
336	Transportation Equipment	Q	0	0	Q	*	0	0	0
336111	Automobiles	*	0	0	0	0	0	0	*
336112	Light Trucks and Utility Vehicles	*	0	0	*	*	0	0	*
3364	Aerospace Product and Parts	Q	0	0	0	*	0	0	Q
336411	Aircraft	0	0	0	0	0	0	0	0
337	Furniture and Related Products	*	0	0	0	*	0	0	0
339	Miscellaneous	*	0	0	*	0	0	0	*
555	Total	3,657	9	1	446	625	5	*	872
	i Utai	100,0	5	T	440	025	ر		072
		West Census Region							
311	Food	1	0	*	*	0	0	0	*

3112	Grain and Oilseed Milling	*	0	0	0	0	0	0	*
311221	Wet Corn Milling	*	0	0	0	0	0	0	*
31131	Sugar Manufacturing	0	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	1	0	*	*	0	0	0	*
3115	Dairy Product	*	0	0	0	0	0	0	*
3116	Animal Slaughtering and Processing	*	0	*	*	0	0	0	*
312	Beverage and Tobacco Products	*	0	*	*	0	0	0	*
3121	Beverages	*	0	*	*	0	0	0	*
3122	Tobacco	0	0	0	0	0	0	0	0
313	Textile Mills	*	0	0	0	0	0	0	*
314	Textile Product Mills	*	0	0	*	0	0	0	0
315	Apparel	0	0	0	0	0	0	0	0
316	Leather and Allied Products	0	0	0	0	0	0	0	0
321	Wood Products	*	0	*	0	*	0	0	*
321113	Sawmills	*	0	*	0	*	0	0	*
3212	Veneer, Plywood, and Engineered Woods	*	0	0	0	0	0	0	*
321219	Reconstituted Wood Products	*	0	0	0	0	0	0	*
3219	Other Wood Products	*	0	0	0	0	0	0	*
322	Paper	*	0	0	0	0	0	0	*
322110	Pulp Mills	0	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	*	0	0	0	0	0	0	*
322122	Newsprint Mills	0	0	0	0	0	0	0	0
322130	Paperboard Mills	*	0	0	0	0	0	0	*
323	Printing and Related Support	*	0	0	*	0	0	0	*
324	Petroleum and Coal Products	93	0	*	*	0	0	0	93
324110	Petroleum Refineries	0	0	0	0	0	0	0	0
324121	Asphalt Paving Mixture and Block	71	0	*	0	0	0	0	70
324122	Asphalt Shingle and Coating Materials	22	0	0	0	0	0	0	22
324199	Other Petroleum and Coal Products	0	0	0	0	0	0	0	0
325	Chemicals	17	0	*	9	*	0	*	1
325110	Petrochemicals	0	0	0	0	0	0	0	0
325120	Industrial Gases	1	0	0	1	0	0	0	*
325180	Other Basic Inorganic Chemicals	8	0	0	1	0	0	*	1
325193	Ethyl Alcohol	1	0	0	1	*	0	0	*
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	*	0	0	0	0	0	0	*
325199	Other Basic Organic Chemicals	*	0	0	*	*	0	0	*
325211	Plastics Materials and Resins	*	0	0	*	0	0	0	*
325212	Synthetic Rubber	0	0	0	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	*	0	0	0	0	0	0	*
325311	Nitrogenous Fertilizers	7	0	*	6	0	0	0	*
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	*	0	0	*	0	0	0	*
325412	Pharmaceutical Preparation	*	0	0	*	0	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	*	0	0	0	*	0	0	0

326	Plastics and Rubber Products	Q	0	0	Q	*	0	0	*
327	Nonmetallic Mineral Products	Q	0	*	*	*	0	0	*
327120	Clay Building Material and Refractories	*	0	*	0	0	0	0	*
327211	Flat Glass	*	0	0	0	0	0	0	*
327212	Other Pressed and Blown Glass and Glassware	0	0	0	0	0	0	0	0
327213	Glass Containers	*	0	0	0	0	0	0	*
327215	Glass Products from Purchased Glass	*	0	0	0	0	0	0	*
327310	Cements	*	0	0	*	0	0	0	*
327410	Lime	*	0	0	0	*	0	0	0
327420	Gypsum	*	0	0	0	0	0	0	*
327993	Mineral Wool	*	0	*	0	0	0	0	0
331	Primary Metals	*	0	0	*	*	0	*	*
331110	Iron and Steel Mills and Ferroalloys	*	0	0	0	0	0	0	*
3312	Steel Products from Purchased Steel	*	0	0	*	0	0	0	0
3313	Alumina and Aluminum	*	0	0	*	0	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	*	0	0	*	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	*	0	0	0	0	0	0	*
331318	Other Aluminum Rolling, Drawing and Extruding	*	0	0	*	0	0	0	0
3314	Nonferrous Metals, except Aluminum	*	0	0	0	0	0	*	*
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	*	0	0	0	0	0	0	*
3315	Foundries	*	0	0	*	*	0	0	*
331511	Iron Foundries	*	0	0	*	*	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	*	0	0	*	0	0	0	*
331524	Aluminum Foundries, except Die-Casting	*	0	0	*	0	0	0	*
332	Fabricated Metal Products	*	0	0	0	0	0	0	*
333	Machinery	Q	0	0	Q	*	0	0	*
334	Computer and Electronic Products	*	0	0	*	0	0	0	*
334413	Semiconductors and Related Devices	*	0	0	0	0	0	0	*
335	Electrical Equip., Appliances, and Components	*	0	0	0	0	0	0	*
336	Transportation Equipment	1	0	0	*	*	0	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
3364	Aerospace Product and Parts	1	0	0	*	*	0	0	*
336411	Aircraft	*	0	0	0	0	0	0	*
337	Furniture and Related Products	*	0	0	0	*	0	0	0
339	Miscellaneous	*	0	0	*	0	0	0	*
	Total	115	0	*	11	*	0	*	94

(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, propale, 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' 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 'f'.

(f) 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 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 mbbl 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.

Released: October 2017 Next MECS will be fielded in 2019

RSE Table 2.1 Relative Standard Errors for Table 2.1;

Unit: Percents.

								Coke	
			Residual	Distillate	Natural	HGL (excluding	Coal	and Breeze	
NAICS		Total	Fuel Oil	Fuel Oil(b)	Gas(c)	natural gasoline)(d)	(million	(million	Other(e)
Code(a)	Subsector and Industry	(trillion Btu)	(million bbl)	(million bbl)	(billion cu ft)	(million bbl)	short tons)	short tons)	(trillion Btu)
		Total United States							
311	Food	27.6		21.5	14.1	93.0	X	X	59.9
3112	Grain and Oilseed Milling	42.8	Χ	0.1	15.2	X		X	60.8
311221	Wet Corn Milling	0.0		X	Χ	X		X	0.0
31131	Sugar Manufacturing	0.1	X	X	0.1	X		Χ	0.1
3114	Fruit and Vegetable Preserving and Specialty Food	16.3	Х		3.8	X		Χ	69.5
3115	Dairy Product	37.0	Х	X	37.0	0.1	X	Χ	29.0
3116	Animal Slaughtering and Processing		X		42.9	X		X	0.7
312	Beverage and Tobacco Products	53.1	X	85.5	53.2	X		X	22.5
3121	Beverages	53.1	X	97.3	53.2	X		X	26.3
3122	Торассо	0.1	Х	0.1	х	X	Х	X	0.1
313	Textile Mills	76.2	X	X	76.4	27.6	Х	X	52.6
314	Textile Product Mills	46.8	X	X	46.8	X	Х	X	94.3
315	Apparel	X	Х	Х	Х	Х	Х	Х	Х
316	Leather and Allied Products	44.3	89.5	X	X	47.8	Х	X	X
321	Wood Products	10.6	0.1	11.4	37.0	84.7	Х	х	15.7
321113	Sawmills	3.4	Х	0.1	11.5	0.1	Х	Х	0.5
3212	Veneer, Plywood, and Engineered Woods	17.4	0.1	0.1	53.4	66.8	Х	х	18.8
321219	Reconstituted Wood Products	0.1	0.1	0.1	х	Х	Х	х	0.1
3219	Other Wood Products	73.3	x	96.0	65.2	88.9	Х	X	54.5
322	Paper	4.9	х	0.1	0.1	0.1	Х	X	6.4
322110	Pulp Mills	0.0	X	x	X	X	Х	X	0.0
322121	Paper Mills, except Newsprint	0.1	х	x	0.1	Х	Х	X	0.1
322122	Newsprint Mills	0.0	x	x	x	X	Х	x	0.0
322130	Paperboard Mills	0.0	X	0.0	Х	0.0	Х	X	0.0
323	Printing and Related Support	94.9	X	74.8	96.8	Х	Х	X	78.6
324	Petroleum and Coal Products	2.1	x	2.4	25.9	0.1	0.2	0.1	3.0
324110	Petroleum Refineries	X	x	x	x	X		Х	X
324121	Asphalt Paving Mixture and Block	4.3	x	5.8	43.4	0.1	Х	Х	4.3
324122	Asphalt Shingle and Coating Materials	0.7	x	0.1	X	0.0	75.1	Х	0.7
324199	Other Petroleum and Coal Products	0.0		0.0	0.0	X	0.0	0.0	0.0
325	Chemicals	0.3	0.1	0.1	0.8	0.3	0.6	0.1	0.2
325110	Petrochemicals	0.1	0.1	0.1	0.1	0.1	X	X	0.1
325120	Industrial Gases	0.1	X	X	0.1	0.1	X	X	0.1
325180	Other Basic Inorganic Chemicals	1.1	0.1	0.1	0.1	0.1	63.0	0.1	22.1
325193	Ethyl Alcohol	0.1	X	0.1 X	0.1	0.1	03.0 X	X	0.1
325193	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	×	×	0.0	0.1 X		X	0.0
325194		0.0	0.1	0.1	1.2	1.0	0.1	X	0.0
372133	Other Basic Organic Chemicals	0.8	0.1	0.1	1.2	1.0	0.1	X	0.7

325211	Plastics Materials and Resins	0.1	х	70.6	0.1	0.2	х	х	0.1
325212	Synthetic Rubber	0.0	X	0.0	0.0	X	X	X	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	X	X	0.0	X	X	X	0.0
325311	Nitrogenous Fertilizers	0.1	X	0.1	0.1	X	X	X	0.1
325312	Phosphatic Fertilizers	0.0	X	X	0.0	X	X	X	0.0
3254	Pharmaceuticals and Medicines	40.8	X	X	57.5	0.1	X	X	12.4
325412	Pharmaceutical Preparation	5.6	X	X	5.9	X	X	X	16.9
325992	Photographic Film, Paper, Plate, and Chemicals	0.1	X	X	0.1	0.1	X	X	0.1
326	Plastics and Rubber Products	52.0	X	X	64.5	66.6	X	X	71.4
327	Nonmetallic Mineral Products	9.3	57.4	77.2	22.3	92.0	55.2	X	1.0
327120	Clay Building Material and Refractories	30.7	X	0.1	34.7	0.1	0.1	Х	1.7
327211	Flat Glass	0.0	X	0.0	0.0	0.0	0.0	x	0.0
327212	Other Pressed and Blown Glass and Glassware	91.4	X	X	95.1	0.1	Х	х	0.1
327213	Glass Containers	0.0	X	X	х	0.0	Х	х	0.0
327215	Glass Products from Purchased Glass	0.5	X	0.1	4.1	0.1	Х	х	0.1
327310	Cements	0.1	X	X	0.1	0.1	Х	х	0.1
327410	Lime	0.0	X	X	х	0.0	Х	Х	0.0
327420	Gypsum	0.1	x	X	x	X	Х	x	0.1
327993	Mineral Wool	46.2	57.4	0.0	79.6	83.0	Х	Х	21.9
331	Primary Metals	0.1	0.1	0.1	0.2	2.6	0.1	1.4	0.1
331110	Iron and Steel Mills and Ferroalloys	0.1	Х	0.1	0.1	Х	0.1	0.1	0.1
3312	Steel Products from Purchased Steel	0.5	Х	X	0.1	2.5	1.7	х	1.6
3313	Alumina and Aluminum	0.1	0.1	0.1	0.3	14.3	Х	х	0.1
331314	Secondary Smelting and Alloying of Aluminum	0.1	Х	0.1	0.1	0.1	Х	Х	0.1
331315	Aluminum Sheet, Plate and Foils	0.1	Х	0.1	0.1	Х	Х	х	0.1
331318	Other Aluminum Rolling, Drawing and Extruding	0.5	0.1	Х	0.5	29.3	Х	х	32.7
3314	Nonferrous Metals, except Aluminum	4.1	Х	Х	21.0	Х	0.1	13.5	0.1
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	Х	Х	х	Х	0.0	0.0	0.1
3315	Foundries	0.5	х	0.1	2.0	2.8	0.1	0.1	1.2
331511	Iron Foundries	0.1	Х	Х	0.1	0.1	0.1	0.1	6.8
331523	Nonferrous Metal Die-Casting Foundries	0.5	Х	0.1	0.1	0.1	Х	Х	0.6
331524	Aluminum Foundries, except Die-Casting	6.0	Х	Х	6.0	0.1	Х	х	4.3
332	Fabricated Metal Products	57.2	Х	Х	71.5	60.8	0.1	х	99.3
333	Machinery	50.6	90.0	56.6	60.2	68.2	Х	х	63.5
334	Computer and Electronic Products	5.1	Х	0.1	11.3	Х	Х	х	4.1
334413	Semiconductors and Related Devices	0.1	X	0.1	X	Х	Х	X	0.1
335	Electrical Equip., Appliances, and Components	68.8	X	X	90.0	Х	Х	0.1	78.9
336	Transportation Equipment	33.6	X	X	41.6	35.6	45.2	х	68.0
336111	Automobiles	0.0	X	X	0.0	0.0	Х	х	0.0
336112	Light Trucks and Utility Vehicles	0.0	X	Х	0.0	0.0	Х	X	0.0
3364	Aerospace Product and Parts	36.2	X	Х	0.1	37.1	Х	X	79.4
336411	Aircraft	9.7	X	ХХ	X	45.2	Х	X	0.1
337	Furniture and Related Products	47.8	X	X	X	56.3	X	Х	0.1
339	Miscellaneous	60.5	Х	X	60.5	Х	Х	Х	74.1
	Subtotal	0.4	0.1	7.3	0.9	0.3	0.1	0.7	1.4
	Miscellaneous Nonfuel Products(f)	0	X	X	XX	X	X	X	0
	Total	0.4	0.1	7.3	0.9	0.3	0.1	0.7	1.0

1311 Food X </th <th></th> <th></th> <th>Northeast Census Region</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>			Northeast Census Region							
31121 Yes X </td <td>311</td> <td>Food</td> <td>64.0</td> <td>Х</td> <td>Х</td> <td>71.3</td> <td>93.0</td> <td>Х</td> <td>Х</td> <td>0.1</td>	311	Food	64.0	Х	Х	71.3	93.0	Х	Х	0.1
1311 Super Manufacturing N <t< td=""><td>3112</td><td>Grain and Oilseed Milling</td><td>X</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td></t<>	3112	Grain and Oilseed Milling	X	Х	Х	Х	Х	Х	Х	Х
1115 Pair and Vegeshale Preserving and Specially Food N <th< td=""><td>311221</td><td>Wet Corn Milling</td><td>X</td><td>Х</td><td>Х</td><td>х</td><td>X</td><td>Х</td><td>Х</td><td>X</td></th<>	311221	Wet Corn Milling	X	Х	Х	х	X	Х	Х	X
3115 Dair Product 0.1 X </td <td>31131</td> <td>Sugar Manufacturing</td> <td>X</td> <td>Х</td> <td>X</td> <td>X</td> <td>X</td> <td>Х</td> <td>Х</td> <td>X</td>	31131	Sugar Manufacturing	X	Х	X	X	X	Х	Х	X
1312 Animal Shaughtening and Processing. 76.0 X X R7.9 X X X 0.0 1312 Boverages and Tocksco Products 0.0 X	3114	Fruit and Vegetable Preserving and Specialty Food	X	Х	Х	Х	X	Х	Х	X
112 Beerange and Totakaca Products 0.0 X	3115	Dairy Product	0.1	Х	Х	Х	0.1	Х	Х	X
1312 Revarges 0.0 X	3116	Animal Slaughtering and Processing	78.0	Х	Х	87.9	X	Х	Х	0.1
132 Tobacco x	312	Beverage and Tobacco Products	0.0	Х	Х	Х	X	Х	Х	0.0
13.1 Teclik Mils 94.8 X </td <td>3121</td> <td>Beverages</td> <td>0.0</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>X</td> <td>Х</td> <td>Х</td> <td>0.0</td>	3121	Beverages	0.0	Х	Х	Х	X	Х	Х	0.0
114 Testle Products Milis X <	3122	Торассо	X	Х	Х	х	X	Х	Х	Х
115 Apparel X D 1211 Wood Products 0.1 0.1 X 0.1 X 0.1 X X 0.1 X 0.1 X X X 0.1 1.1 X 0.1 X 0.1 X X X X 0.1 X <td>313</td> <td>Textile Mills</td> <td>94.8</td> <td>Х</td> <td>Х</td> <td>94.8</td> <td>X</td> <td>Х</td> <td>Х</td> <td>X</td>	313	Textile Mills	94.8	Х	Х	94.8	X	Х	Х	X
116 Learther and Alled Products N X X X X X X X X 321 Wood Products 10.2 X 0.1 56.4 63.8 X 0.1 32113 Sawmills 0.1 X 0.2 0.1 <td>314</td> <td>Textile Product Mills</td> <td>X</td> <td>Х</td> <td>X</td> <td>X</td> <td>X</td> <td>Х</td> <td>Х</td> <td></td>	314	Textile Product Mills	X	Х	X	X	X	Х	Х	
321 Wood Products 10.2 X 0.1 56.4 63.8 X X 0.1 321113 Sawmills 0.1 X 0.2 0.1 0.1 X X 0.1 32121 Veneer, Phycood, and Engineered Woods 1.2 Y 0.1 X 66.8 X X 0.1 32121 Reconstruted Wood Products 0.6 K X 66.6 X X X X 1.1 32210 Dubre Wood Products 66.6 X K 66.6 X X X X 1.1 32210 Paper 8.3 X 0.1 0.1 X X X 1.8 32210 Paper Mills, except Newsprint 0.0 X X 0.0 X <t< td=""><td>315</td><td>Apparel</td><td>X</td><td>Х</td><td>X</td><td>X</td><td>X</td><td>Х</td><td>Х</td><td>X</td></t<>	315	Apparel	X	Х	X	X	X	Х	Х	X
32113 Sawmils 0.1 X 0.2 0.1 X 0.1 X 0.1 32121 Veneer, Plywood, and Engineerd Woods 1.2 X 0.1 X 0.1 X 0.1 X X X 0.1 32129 Other Wood Products 66.6 X X 66.6 X	316	Leather and Allied Products	X	Х	X	X	X	Х	Х	X
12.12 Veneer, Phywod, and Engineered Woods 1.2.9 X 0.1 X 66.8 X X 0.1 321219 Reconstituted Wood Products 6.6 X 6.6 X X 0.1 3219 Other Wood Products 6.6 X 6.6 X	321	Wood Products	10.2	Х	0.1	56.4	63.8	Х	Х	0.1
321219 Reconstituted Wood Products 0.1 X N X X X N N X N	321113	Sawmills	0.1	Х	0.2	0.1	0.1	Х	Х	0.1
3219 Other Wood Products 66.6 X X 66.6 X X X X X 32210 Paper 8.3 X 0.1 X	3212	Veneer, Plywood, and Engineered Woods	12.9	Х	0.1	х	66.8	Х	Х	0.1
322 Paper 8.3 X 0.1 X <th< td=""><td>321219</td><td>Reconstituted Wood Products</td><td>0.1</td><td>Х</td><td>0.1</td><td>X</td><td>X</td><td>Х</td><td></td><td>0.1</td></th<>	321219	Reconstituted Wood Products	0.1	Х	0.1	X	X	Х		0.1
322110 Pulp Mills X	3219	Other Wood Products	66.6	Х	Х	66.6	X	Х	Х	Х
322121 Paper Mills, except Newsprint 0.0 X X 0.0 X	322	Paper	8.3	Х	0.1	0.1	X	Х	Х	18.9
322122Newsprint MillsXXXZ324121Asphalt Paing Mixture and Block70X71.653.1XXXX70.0XXXX70.0XXX70.0XXX70.0232100232100232100232100XX20.00232130023213002321300232130023213002321300232130023213002321300XXX20.00232130232131023213102321310232131023213102321310232131023213102321310232131023213102321310232131023213102321322321322321322321322321322321322321322321320232132023213102321320232132023213102321320232132023213202321320	322110	Pulp Mills	X	Х	Х	Х	X	Х	Х	X
322130 Paperboard Mills 0.0 X <td>322121</td> <td>Paper Mills, except Newsprint</td> <td>0.0</td> <td>Х</td> <td>Х</td> <td>0.0</td> <td>X</td> <td>X</td> <td>Х</td> <td>0.0</td>	322121	Paper Mills, except Newsprint	0.0	Х	Х	0.0	X	X	Х	0.0
323Printing and Related Support95.7XXXXXXXXXXXXS95.7324Petroleum and Coal Products6.3X70.529.10.1XXKXX324110Petroleum RefineriesXXX <td>322122</td> <td>Newsprint Mills</td> <td>X</td> <td>Х</td> <td>Х</td> <td>х</td> <td>X</td> <td>Х</td> <td>Х</td> <td>Х</td>	322122	Newsprint Mills	X	Х	Х	х	X	Х	Х	Х
324 Petroleum and Coal Products 6.3 X 70.5 29.1 0.1 X	322130	Paperboard Mills	0.0		X	X	X	Х	Х	0.0
324110Petroleum RefineriesXXX	323	Printing and Related Support	95.7	Х	X	X	X	Х	Х	95.7
324121Asphalt Paving Mixture and Block7.0X71.653.1XXX7.0324122Asphalt Shingle and Coating Materials0.0XXX0.0X0.0X0.0X0.0X0.0X0.0XXX0.0324199Other Petroleum and Coal Products0.0X0.00.0XXXXX18.3325Chemicals0.0XXXXXXX0.0XXX0.0325100Petrochemicals0.0XXXXXXX0.0XXX0.0325120Industrial Gases0.0XXX10.0XXX0.0XX0.0325130Other Basic Inorganic Chemicals3.7XXXXXX0.1XXXXX0.1XXX<	324	Petroleum and Coal Products	6.3	Х	70.5	29.1	0.1	Х	Х	6.3
324122 Asphalt Shingle and Coating Materials 0.0 X X X X X 0.0 324199 Other Petroleum and Coal Products 0.0 X 0.0 X <td< td=""><td>324110</td><td>Petroleum Refineries</td><td>X</td><td>Х</td><td>X</td><td>Х</td><td>X</td><td>Х</td><td>Х</td><td>X</td></td<>	324110	Petroleum Refineries	X	Х	X	Х	X	Х	Х	X
324199Other Petroleum and Coal Products0.0X0.0XXXX325Chemicals1.0XX8.71.0XX18.332510Petrochemicals0.0XXXXXXX0.0325120Industrial Gases10.0XX10.0XXXXX0.0325120Industrial Gases10.0XX10.0XXXXXX0.1325130Other Basic Inorganic Chemicals3.7XX70.0XX <t< td=""><td>324121</td><td>Asphalt Paving Mixture and Block</td><td></td><td></td><td>71.6</td><td></td><td></td><td></td><td></td><td></td></t<>	324121	Asphalt Paving Mixture and Block			71.6					
325 Chemicals 1.0 X X 8.7 1.0 X X 1.3 325110 Petrochemicals 0.0 X		Asphalt Shingle and Coating Materials	0.0			Х	0.0			
325110Petrochemicals0.0XXXXXX0.0325120Industrial Gases10.0XX10.0XXXXX325180Other Basic Inorganic Chemicals3.7XXX70.1XXX0.1325193Ethyl AlcoholXX										
325120Industrial Gases10.0XX10.0XXXXX325180Other Basic Inorganic Chemicals3.7XX70.1XXX0.1325193Ethyl AlcoholXXXXXXXXXXXXX325194Cyclic Crudes, Intermediate and Gum and Wood ChemicalsXX										
325180Other Basic Inorganic Chemicals3.7XX70.1XXX0.1325193Ethyl AlcoholXXX<	325110	Petrochemicals	0.0			Χ				
325193Ethyl AlcoholXX </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td>										X
325194Cyclic Crudes, Intermediate and Gum and Wood ChemicalsXX<										
325199Other Basic Organic Chemicals28.0XX43.90.0XX34.5325211Plastics Materials and Resins0.1XXXX0.1XX0.1325212Synthetic RubberXXXXXXXXX0.1325200Artificial and Synthetic Fibers and Filaments0.0XXXXXX0.0325311Nitrogenous Fertilizers0.0XXXXX0.0XX0.0325312Phosphatic FertilizersXXXXXX0.0XXX0.0325412Pharmaceuticals and Medicines2.0XX1.00.1XX17.2325920Photographic Film, Paper, Plate, and Chemicals0.0XX0.0XX0.0326Plastics and Rubber Products70.3XXX97.0XX98.3										
325211Plastics Materials and Resins0.1XXXXXX0.1XX0.1325212Synthetic RubberXX<										X
325212Synthetic RubberXXX										
325220Artificial and Synthetic Fibers and Filaments0.0XXXXX0.0325311Nitrogenous Fertilizers0.0XX0.0XXX0.0325312Phosphatic FertilizersXXXXXXX0.0325312Phosphatic FertilizersXXXXXXXXX3254Pharmaceuticals and Medicines2.0XX1.00.1XX17.2325412Pharmaceutical Preparation2.1XX1.0XX17.232592Photographic Film, Paper, Plate, and Chemicals0.0XX0.0XX0.0326Plastics and Rubber Products70.3XXX97.0XX98.3										
325311Nitrogenous Fertilizers0.0XX0.0XXX0.0325312Phosphatic FertilizersXXXXXXXXX3254Pharmaceuticals and Medicines2.0XX1.00.1XX17.2325412Pharmaceutical Preparation2.1XX1.0XX17.2325992Photographic Film, Paper, Plate, and Chemicals0.0XX0.0XX0.0326Plastics and Rubber Products70.3XXX97.0XX98.3										
325312Phosphatic FertilizersXXXXXXXXX3254Pharmaceuticals and Medicines2.0XX1.00.1XX17.2325412Pharmaceutical Preparation2.1XX1.0XX17.232592Photographic Film, Paper, Plate, and Chemicals0.0XX0.0XX0.0326Plastics and Rubber Products70.3XXX97.0XX98.3										
3254Pharmaceuticals and Medicines2.0XX1.00.1XX17.2325412Pharmaceutical Preparation2.1XX1.0XX17.2325920Photographic Film, Paper, Plate, and Chemicals0.0XX0.0XX0.0326Plastics and Rubber Products70.3XXX97.0XX98.3										
325412Pharmaceutical Preparation2.1XX1.0XXX17.2325992Photographic Film, Paper, Plate, and Chemicals0.0XX0.0XX0.0X0.0326Plastics and Rubber Products70.3XXX97.0XX98.3										
325992 Photographic Film, Paper, Plate, and Chemicals 0.0 X X 0.0 X X 0.0 326 Plastics and Rubber Products 70.3 X X X Y 98.3										
326 Plastics and Rubber Products 70.3 X X Y 97.0 X Y 98.3										
327 Nonmetallic Mineral Products 0.5 X 0.1 21.3 0.1 0.1 X 0.1										
	327	Nonmetallic Mineral Products	0.5	X	0.1	21.3	0.1	0.1	Χ	0.1

327120	Clay Building Material and Refractories	0.0	Х	0.1	0.1	0.1	х	х	х
327211	Flat Glass	0.0	Х	х	х	Х	0.0	Х	0.0
327212	Other Pressed and Blown Glass and Glassware	91.5	Х	х	95.1	Х	Х	Х	0.1
327213	Glass Containers	Х	Х	х	х	Х	Х	Х	Х
327215	Glass Products from Purchased Glass	0.6	Х	х	44.3	Х	Х	Х	0.1
327310	Cements	0.0	Х	х	х	0.0	Х	Х	0.0
327410	Lime	0.0	Х	х	х	0.0	Х	Х	Х
327420	Gypsum	Х	Х	х	х	Х	Х	Х	Х
327993	Mineral Wool	Х	Х	х	х	Х	Х	Х	Х
331	Primary Metals	0.1	Х	0.1	12.0	0.1	0.1	0.1	0.1
331110	Iron and Steel Mills and Ferroalloys	0.1	Х	0.1	0.1	Х	0.1	0.1	0.1
3312	Steel Products from Purchased Steel	0.1	Х	х	0.1	2.5	Х	Х	0.1
3313	Alumina and Aluminum	0.0	Х	х	0.0	0.0	Х	Х	0.0
331314	Secondary Smelting and Alloying of Aluminum	Х	Х	х	х	Х	Х	Х	Х
331315	Aluminum Sheet, Plate and Foils	0.0	Х	х	х	Х	Х	Х	0.0
331318	Other Aluminum Rolling, Drawing and Extruding	0.0	Х	x	0.0	0.0	Х	Х	0.0
3314	Nonferrous Metals, except Aluminum	0.8	Х	x	52.2	Х	68.1	0.1	0.1
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	Х	х	Х	Х	Х	0.0	Х
3315	Foundries	0.1	Х	х	0.1	0.1	0.1	0.1	0.4
331511	Iron Foundries	0.1	Х	х	0.1	0.1	0.0	0.0	0.4
331523	Nonferrous Metal Die-Casting Foundries	0.0	Х	х	х	Х	Х	Х	0.0
331524	Aluminum Foundries, except Die-Casting	0.1	Х	х	0.0	Х	Х	Х	2.3
332	Fabricated Metal Products	96.9	Х	х	Х	Х	Х	Х	96.9
333	Machinery	98.9	Х	х	99.0	Х	Х	Х	31.6
334	Computer and Electronic Products	13.2	Х	х	61.1	Х	Х	х	0.1
334413	Semiconductors and Related Devices	0.1	Х	х	х	Х	Х	Х	0.1
335	Electrical Equip., Appliances, and Components	89.0	Х	х	х	Х	Х	0.1	91.9
336	Transportation Equipment	5.7	Х	х	х	0.1	45.2	Х	0.1
336111	Automobiles	Х	Х	х	х	Х	Х	Х	Х
336112	Light Trucks and Utility Vehicles	Х	Х	х	Х	Х	Х	Х	Х
3364	Aerospace Product and Parts	0.1	Х	х	х	0.1	Х	Х	0.1
336411	Aircraft	0.0	Х	х	х	Х	Х	Х	0.0
337	Furniture and Related Products	68.5	Х	Х	Х	68.5	Х	Х	Х
339	Miscellaneous	88.7	Х	Х	88.7	Х	Х	Х	Х
	Total	1.9	Х	5.4	21.5	1.0	0.1	0.1	5.8

	Midwest Census Region											
311	Food	39.7	Х	Х	16.0	Х	Х	Х	67.4			
3112	Grain and Oilseed Milling	48.9	Х	Х	0.1	Х	Х	Х	67.9			
311221	Wet Corn Milling	0.0	Х	Х	Х	Х	х	х	0.0			
31131	Sugar Manufacturing	0.0	Х	Х	Х	Х	х	х	0.0			
3114	Fruit and Vegetable Preserving and Specialty Food	X	Х	Х	Х	Х	Х	Х	х			
3115	Dairy Product	37.0	х	х	37.0	Х	х	Х	52.8			
3116	Animal Slaughtering and Processing	35.1	Х	Х	86.7	Х	х	х	0.1			
312	Beverage and Tobacco Products	63.3	Х	Х	63.3	Х	х	х	69.0			
3121	Beverages	63.3	Х	Х	63.3	Х	Х	Х	69.0			
3122	Tobacco	Х	Х	х	Х	Х	х	х	х			
313	Textile Mills	0.1	Х	Х	Х	Х	Х	Х	0.1			

314	Textile Product Mills	х	х	х	х	х	х	х	х
315	Apparel	X	X	X	X	X	Х	X	X
316	Leather and Allied Products	X	X	X	X	X	Х	X	Х
321	Wood Products	4.8	X	0.1	51.8	91.7	Х	X	81.8
321113	Sawmills	4.0	X	15.3	0.1	0.1	Х	X	7.0
3212	Veneer, Plywood, and Engineered Woods	53.4	x	0.0	53.4	X	Х	X	X
321219	Reconstituted Wood Products	0.0	x	0.0	x	X	Х	X	X
3219	Other Wood Products	81.5	x	x	86.1	92.9	Х	X	84.6
322	Paper	0.1	x	x	x	0.1	Х	X	0.1
322110	Pulp Mills	X	x	x	x	X	Х	X	X
322121	Paper Mills, except Newsprint	0.1	x	x	x	X	Х	X	0.1
322122	Newsprint Mills	X	X	х	x	X	X	Х	X
322130	Paperboard Mills	0.0	Х	х	Х	0.0	х	Х	0.0
323	Printing and Related Support	83.1	X	93.8	X	X	Х	Х	86.0
324	Petroleum and Coal Products	1.5	X	0.1	0.1	0.1	0.1	0.1	3.4
324110	Petroleum Refineries	x	X	x	Х	X	Х	х	х
324121	Asphalt Paving Mixture and Block	5.5	X	0.1	0.1	X	Х	Х	5.5
324122	Asphalt Shingle and Coating Materials	0.6	х	х	х	Х	Х	х	0.6
324199	Other Petroleum and Coal Products	0.0	X	0.0	Х	X	0.0	0.0	х
325	Chemicals	5.1	0.1	0.1	6.8	4.6	Х	х	0.1
325110	Petrochemicals	x	X	х	Х	X	Х	х	х
325120	Industrial Gases	0.1	X	х	0.1	X	Х	х	0.1
325180	Other Basic Inorganic Chemicals	0.1	0.1	0.1	Х	X	Х	х	0.1
325193	Ethyl Alcohol	0.1	х	х	х	12.1	Х	х	0.1
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	х	Х	х	Х	Х	Х	х	х
325199	Other Basic Organic Chemicals	0.1	Х	х	0.1	0.1	Х	х	11.2
325211	Plastics Materials and Resins	0.1	Х	Х	0.1	0.1	Х	Х	0.3
325212	Synthetic Rubber	0.0	Х	х	Х	Х	Х	х	0.0
325220	Artificial and Synthetic Fibers and Filaments	Х	Х	Х	Х	Х	Х	Х	Х
325311	Nitrogenous Fertilizers	0.1	Х	Х	0.1	Х	Х	х	0.1
325312	Phosphatic Fertilizers	0.0	х	Х	0.0	X	Х	Х	0.0
3254	Pharmaceuticals and Medicines	60.9	х	Х	75.3	X	Х	Х	0.1
325412	Pharmaceutical Preparation	3.1	Х	Х	3.1	Х	Х	Х	0.1
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	Х	Х	0.0	Х	Х	Х	Х
326	Plastics and Rubber Products	70.1	Х	Х	85.4	Х	Х	Х	71.9
327	Nonmetallic Mineral Products	5.6	57.4	97.4	41.0	0.1	0.1	X	1.0
327120	Clay Building Material and Refractories	0.3	X	0.1	X	0.0	0.0	X	5.2
327211	Flat Glass	0.0	X	0.0	0.0	0.0	Х	Х	0.0
327212	Other Pressed and Blown Glass and Glassware	X	X	Х	X	X	Х	Х	Х
327213	Glass Containers	X	X	Х	X	X	Х	Х	X
327215	Glass Products from Purchased Glass	0.1	X	0.1	0.1	0.1	Х	Х	0.1
327310	Cements	0.0	Х	Х	0.0	0.1	Х	Х	0.0
327410	Lime	X	X	х	X	Χ	Х	X	X
327420	Gypsum	0.0	Х	Х	X	Х	Х	Х	0.0
327993	Mineral Wool	50.1	57.4	Х	79.6	X	Х	Х	0.0
331	Primary Metals	0.3	Х	0.1	0.1	48.6	0.1	1.5	0.4
331110	Iron and Steel Mills and Ferroalloys	0.0	Х	0.0	0.0	X	0.0	0.0	0.0
3312	Steel Products from Purchased Steel	15.3	х	Х	45.6	0.0	91.8	х	13.7

3313	Alumina and Aluminum	0.1	Х	Х	0.1	х	Х	Х	0.1
331314	Secondary Smelting and Alloying of Aluminum	0.1	Х	х	0.1	Х	Х	х	0.1
331315	Aluminum Sheet, Plate and Foils	0.0	Х	х	0.0	Х	Х	х	0.0
331318	Other Aluminum Rolling, Drawing and Extruding	0.1	Х	Х	0.1	Х	Х	Х	65.9
3314	Nonferrous Metals, except Aluminum	31.9	Х	х	0.1	Х	Х	39.7	0.1
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	Х	Х	Х	Х	Х	Х	0.0
3315	Foundries	0.1	Х	Х	0.1	48.6	0.1	0.1	6.8
331511	Iron Foundries	0.1	Х	Х	0.0	Х	0.1	0.1	9.7
331523	Nonferrous Metal Die-Casting Foundries	54.2	Х	х	Х	Х	Х	х	54.2
331524	Aluminum Foundries, except Die-Casting	0.1	Х	х	0.0	0.1	Х	х	6.4
332	Fabricated Metal Products	62.6	Х	х	75.1	66.1	0.1	х	50.4
333	Machinery	54.6	90.0	58.1	75.8	9.6	Х	х	96.0
334	Computer and Electronic Products	18.7	Х	0.1	Х	Х	Х	Х	22.3
334413	Semiconductors and Related Devices	0.1	Х	0.1	Х	Х	Х	Х	0.1
335	Electrical Equip., Appliances, and Components	90.0	Х	Х	90.0	Х	Х	Х	62.5
336	Transportation Equipment	49.4	х	х	50.1	16.0	Х	х	1.3
336111	Automobiles	0.0	Х	Х	0.0	0.0	Х	х	0.0
336112	Light Trucks and Utility Vehicles	0.0	х	х	х	0.0	Х	х	Х
3364	Aerospace Product and Parts	0.2	Х	Х	0.1	45.2	Х	Х	0.1
336411	Aircraft	42.6	х	х	х	45.2	Х	х	0.0
337	Furniture and Related Products	0.1	Х	Х	X	Х	Х	Х	0.1
339	Miscellaneous	9.6	Х	Х	X	Х	Х	Х	9.6
	Total	1.7	1.1	17.1	5.3	4.6	0.1	0.8	3.0

311	Food	23.4	х	0.1	34.6	Х	х	х	0.1
3112	Grain and Oilseed Milling	34.9	x	0.1	79.1	X	Х	Х	0.1
311221	Wet Corn Milling	0.0	Х	Х	X	x	Х	Х	0.0
31131	Sugar Manufacturing	0.1	х	x	0.1	х	Х	х	0.1
3114	Fruit and Vegetable Preserving and Specialty Food	0.1	Х	Х	0.1	x	х	х	22.1
3115	Dairy Product	0.1	x	x	x	X	Х	Х	0.1
3116	Animal Slaughtering and Processing	83.4	х	х	83.7	Х	Х	Х	59.6
312	Beverage and Tobacco Products	1.1	x	0.1	x	X	Х	Х	11.3
3121	Beverages	69.2	x	x	x	X	Х	Х	69.2
3122	Торассо	0.1	x	0.1	x	X	Х	Х	0.1
313	Textile Mills	0.5	Х	x	0.1	27.6	Х	Х	58.5
314	Textile Product Mills	0.1	х	х	0.1	х	х	Х	94.3
315	Apparel	Х	х	х	Х	Х	Х	Х	Х
316	Leather and Allied Products	44.3	89.5	х	Х	47.8	Х	Х	Х
321	Wood Products	15.8	0.1	16.7	32.8	67.0	Х	Х	56.0
321113	Sawmills	26.9	х	х	32.8	Х	Х	Х	0.9
3212	Veneer, Plywood, and Engineered Woods	2.6	0.1	х	Х	Х	Х	Х	78.4
321219	Reconstituted Wood Products	0.1	0.1	х	х	х	х	Х	0.1
3219	Other Wood Products	95.7	х	96.0	Х	67.0	Х	Х	87.9
322	Paper	5.9	х	0.1	Х	Х	Х	Х	6.8
322110	Pulp Mills	0.0	х	х	Х	Х	Х	Х	0.0
322121	Paper Mills, except Newsprint	0.0	Х	Х	X	х	Х	Х	0.0
322122	Newsprint Mills	0.0	x	x	X	X	x	x	0.0

322130	Paperboard Mills	0.0	х	0.0	х	х	х	х	0.0
323	Printing and Related Support	97.6	х	97.9	х	Х	Х	х	72.6
324	Petroleum and Coal Products	4.2	х	6.2	23.1	0.1	0.6	0.1	5.3
324110	Petroleum Refineries	Х	х	х	х	Х	Х	х	х
324121	Asphalt Paving Mixture and Block	8.6	х	17.8	23.1	0.1	Х	х	8.6
324122	Asphalt Shingle and Coating Materials	1.4	Х	0.1	Х	0.1	75.1	х	1.3
324199	Other Petroleum and Coal Products	0.0	Х	0.0	Х	Х	0.0	0.0	0.0
325	Chemicals	0.2	0.1	0.1	0.3	0.3	0.6	х	0.2
325110	Petrochemicals	0.0	0.0	0.0	0.0	0.0	Х	х	0.0
325120	Industrial Gases	0.1	Х	Х	0.1	0.1	Х	х	0.1
325180	Other Basic Inorganic Chemicals	1.4	0.1	0.1	0.7	0.1	63.0	х	64.8
325193	Ethyl Alcohol	0.0	Х	х	х	0.0	Х	х	Х
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	Х	Х	0.0	Х	Х	х	0.0
325199	Other Basic Organic Chemicals	0.8	0.1	0.1	1.2	1.1	0.1	х	0.7
325211	Plastics Materials and Resins	0.1	Х	70.6	0.1	0.2	Х	х	0.1
325212	Synthetic Rubber	0.0	Х	0.0	0.0	Х	Х	х	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	Х	Х	0.0	X	Х	X	0.0
325311	Nitrogenous Fertilizers	0.1	Х	Х	0.0	X	Х	X	0.1
325312	Phosphatic Fertilizers	Х	Х	Х	X	X	Х	X	X
3254	Pharmaceuticals and Medicines	3.9	Х	X	4.3	Х	Х	X	6.1
325412	Pharmaceutical Preparation	Х	Х	Х	х	Х	Х	х	Х
325992	Photographic Film, Paper, Plate, and Chemicals	0.1	Х	Х	х	Х	Х	х	0.1
326	Plastics and Rubber Products	76.3	Х	Х	87.0	67.3	Х	X	56.8
327	Nonmetallic Mineral Products	42.1	Х	0.1	70.7	97.8	63.9	X	53.1
327120	Clay Building Material and Refractories	69.0	Х	0.0	72.4	0.1	Х	X	1.3
327211	Flat Glass	0.0	x	X	X	Х	Х	X	0.0
327212	Other Pressed and Blown Glass and Glassware	0.1	x	X	X	0.1	Х	X	X
327213	Glass Containers	0.0	x	X	X	0.0	Х	X	X
327215	Glass Products from Purchased Glass	0.1	Х	Х	X	X	Х	X	0.1
327310	Cements	0.1	х	X	0.1	Х	Х	X	0.1
327410	Lime	0.0	x	X	X	Х	Х	X	0.0
327420	Gypsum	X	x	X	X	Х	Х	X	X
327993	Mineral Wool	53.9	x	X	X	83.0	Х	X	50.4
331	Primary Metals	0.1	0.1	0.1	0.2	14.7	0.1	0.1	0.1
331110	Iron and Steel Mills and Ferroalloys	0.0	х	0.0	0.0	Х	0.0	0.0	0.0
3312	Steel Products from Purchased Steel	0.2	Х	X	0.1	X	0.1	X	23.2
3313	Alumina and Aluminum	0.1	0.1	0.1	0.1	15.3	X	Х	0.1
331314	Secondary Smelting and Alloying of Aluminum	0.0	Х	0.0	0.0	0.0	Х	Х	0.0
331315	Aluminum Sheet, Plate and Foils	0.1	Х	0.1	X	Χ	Х	X	0.1
331318	Other Aluminum Rolling, Drawing and Extruding	0.1	0.1	X	0.1	33.9	Х	Х	52.2
3314	Nonferrous Metals, except Aluminum	1.1	x	X	38.8	Х	0.1	X	0.2
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	х	X	х	Х	0.0	х	X
3315	Foundries	0.1	X	0.1	0.1	0.1	0.1	X	1.3
331511	Iron Foundries	0.1	X	Χ	Х	Х	0.0	X	60.3
331523	Nonferrous Metal Die-Casting Foundries	0.1	Х	0.1	Х	0.0	Х	Х	0.1
331524	Aluminum Foundries, except Die-Casting	0.1	Х	Χ	0.1	Х	X	Х	Х
332	Fabricated Metal Products	95.3	Х	Х	99.3	99.5	Х	Х	99.5
333	Machinery	44.6	Х	89.3	Х	Х	х	х	51.0

334	Computer and Electronic Products	15.3	х	х	х	Х	х	х	15.3
334413	Semiconductors and Related Devices	0.1	Х	Х	Х	Х	х	х	0.1
335	Electrical Equip., Appliances, and Components	75.3	Х	Х	х	Х	х	Х	75.3
336	Transportation Equipment	57.9	Х	Х	92.4	0.1	х	х	69.8
336111	Automobiles	0.0	Х	х	Х	X	Х	х	0.0
336112	Light Trucks and Utility Vehicles	0.0	Х	Х	0.0	0.0	Х	Х	0.0
3364	Aerospace Product and Parts	74.2	Х	Х	х	0.1	Х	х	80.2
336411	Aircraft	Х	Х	Х	х	Х	Х	х	х
337	Furniture and Related Products	97.1	х	х	Х	97.1	х	х	х
339	Miscellaneous	59.3	X	Х	59.4	Х	Х	x	78.2
	Total	0.4	0.1	3.5	0.4	0.3	0.4	0.1	1.5

		West Census Region							
311	Food	18.8	Х	21.6	31.6	Х	Х	Х	76.7
3112	Grain and Oilseed Milling	52.0	Х	Х	Х	Х	Х	Х	52.0
311221	Wet Corn Milling	0.0	Х	Х	Х	Х	Х	Х	0.0
31131	Sugar Manufacturing	Х	Х	х	Х	Х	Х	Х	Х
3114	Fruit and Vegetable Preserving and Specialty Food	21.7	Х	22.2	60.7	Х	Х	Х	70.4
3115	Dairy Product	23.2	Х	Х	Х	Х	Х	Х	23.2
3116	Animal Slaughtering and Processing	31.6	Х	74.6	35.1	Х	Х	Х	53.7
312	Beverage and Tobacco Products	56.7	Х	97.3	56.7	Х	Х	Х	59.0
3121	Beverages	56.7	Х	97.3	56.7	Х	Х	Х	59.0
3122	Tobacco	Х	Х	х	Х	Х	Х	Х	Х
313	Textile Mills	43.1	Х	х	Х	Х	Х	Х	43.1
314	Textile Product Mills	99.0	Х	Х	99.0	Х	Х	Х	Х
315	Apparel	Х	Х	Х	Х	Х	Х	Х	Х
316	Leather and Allied Products	Х	Х	Х	Х	Х	Х	Х	Х
321	Wood Products	3.8	Х	0.1	Х	0.1	Х	Х	12.3
321113	Sawmills	0.1	Х	0.1	Х	0.1	Х	Х	0.6
3212	Veneer, Plywood, and Engineered Woods	0.3	Х	Х	Х	Х	Х	Х	0.3
321219	Reconstituted Wood Products	0.5	Х	Х	Х	Х	Х	Х	0.5
3219	Other Wood Products	68.5	Х	Х	Х	Х	Х	Х	68.5
322	Paper	0.1	Х	Х	Х	Х	Х	Х	0.1
322110	Pulp Mills	Х	Х	Х	Х	Х	Х	Х	Х
322121	Paper Mills, except Newsprint	0.0	х	х	х	Х	Х	х	0.0
322122	Newsprint Mills	х	х	Х	Х	Х	Х	Х	Х
322130	Paperboard Mills	0.0	х	х	Х	Х	Х	Х	0.0
323	Printing and Related Support	96.8	Х	Х	96.8	Х	Х	Х	92.5
324	Petroleum and Coal Products	7.3	х	5.0	0.1	Х	Х	х	7.3
324110	Petroleum Refineries	х	х	х	Х	Х	Х	Х	Х
324121	Asphalt Paving Mixture and Block	9.6	Х	5.0	Х	Х	Х	х	9.6
324122	Asphalt Shingle and Coating Materials	0.1	X	X	x	Х	Х	Х	0.1
324199	Other Petroleum and Coal Products	х	х	х	х	Х	Х	х	х
325	Chemicals	0.5	х	0.1	0.9	0.1	Х	0.1	2.0
325110	Petrochemicals	х	х	х	Х	Х	Х	Х	Х
325120	Industrial Gases	0.1	Х	Х	0.1	X	Х	Х	85.9
325180	Other Basic Inorganic Chemicals	0.1	Х	Х	0.1	X	Х	0.1	0.1
325193	Ethyl Alcohol	0.1	Х	X	0.1	0.1	х	Х	0.1

325199 C 325211 P 325212 S 325220 A 325311 N 325312 P 32531 P 32531 P	Cyclic Crudes, Intermediate and Gum and Wood Chemicals Other Basic Organic Chemicals Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers	0.0 4.5 47.2 X 0.0	X X X X	X X X	X 8.7 47.3	X 0.1 X	x x	X X	0.0
325211 P 325212 S 325220 A 325311 N 325312 P 32534 P	Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers	47.2 X	X						
325212 S 325220 A 325311 N 325312 P 3254 P	Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers	X		X	47.3	Y			
325220 A 325311 N 325312 P 3254 P	Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers		Y				Х	Х	0.1
325311 N 325312 P 3254 P	Nitrogenous Fertilizers	0.0		Χ	X	Χ	Х	Х	X
325312 P 3254 P			Х	X	X	Χ	Х	Х	0.0
3254 P		0.0	Х	0.0	0.0	Χ	Х	Х	0.0
	Phosphatic Fertilizers	Χ	Х	X	X	Χ	Х	Х	Х
325412 P	Pharmaceuticals and Medicines	24.4	Х	X	78.9	Χ	Х	X	25.6
	Pharmaceutical Preparation	78.9	X	X	78.9	Χ	Х	Χ	80.6
325992 P	Photographic Film, Paper, Plate, and Chemicals	0.1	X	X	X	0.1	Х	Х	Х
	lastics and Rubber Products	94.9	Х	X	95.0	99.0	Х	Х	99.0
327 No	onmetallic Mineral Products	91.0	X	97.9	0.1	0.1	Х	Х	4.0
327120 (Clay Building Material and Refractories	0.0	X	0.1	X	X	Х	X	0.1
327211 F	Flat Glass	0.0	X	X	X	Х	Х	Х	0.0
327212 C	Other Pressed and Blown Glass and Glassware	Χ	X	X	X	Х	Х	Х	Х
327213 G	Glass Containers	0.0	Х	X	Х	Х	Х	Х	0.0
327215 0	Glass Products from Purchased Glass	89.3	X	Х	X	Х	Х	Х	89.3
327310 C	Cements	0.0	х	Х	0.0	Х	Х	Х	0.0
327410 L	Lime	0.0	х	х	Х	0.0	Х	Х	Х
327420 G	Sypsum	0.1	х	Х	Х	Х	Х	Х	0.1
327993 N	Mineral Wool	0.0	Х	0.0	Х	Х	Х	Х	Х
331 Pr	rimary Metals	4.0	х	х	19.7	0.1	Х	0.1	0.1
331110 lr	Iron and Steel Mills and Ferroalloys	0.0	х	х	х	Х	Х	х	0.0
3312 St	teel Products from Purchased Steel	62.2	х	х	62.2	Х	Х	х	Х
3313 A	Alumina and Aluminum	68.7	х	х	86.9	Х	Х	х	0.1
331314 S	Secondary Smelting and Alloying of Aluminum	0.1	х	х	0.1	Х	Х	х	Х
331315 A	Aluminum Sheet, Plate and Foils	0.0	х	х	х	Х	Х	х	0.0
331318 C	Other Aluminum Rolling, Drawing and Extruding	87.3	X	x	87.3	Х	Х	х	Х
3314 N	Nonferrous Metals, except Aluminum	0.1	x	x	Х	Х	Х	0.1	0.0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	x	x	Х	Х	Х	Х	0.0
3315 Fo	oundries	19.0	x	x	19.0	0.1	Х	Х	25.1
331511 I	Iron Foundries	0.0	x	x	0.0	0.0	Х	Х	Х
331523	Nonferrous Metal Die-Casting Foundries	0.1	X	x	0.0	Х	Х	Х	2.2
331524 A	Aluminum Foundries, except Die-Casting	32.5	x	X	32.5	Х	Х	X	36.1
332 Fa	abricated Metal Products	97.4	x	x	X	X	Х	X	97.4
333 M	1achinery	72.8	X	X	92.0	68.7	Х	X	65.0
334 Cc	omputer and Electronic Products	0.1	x	х	0.1	х	Х	х	0.1
	Semiconductors and Related Devices	0.1	X	X	х	X	Х	X	0.1
335 Ele	lectrical Equip., Appliances, and Components	80.6	x	X	х	Х	Х	x	80.6
	ransportation Equipment	18.4	X	х	0.1	49.6	Х	x	1.2
	utomobiles	Х	Х	Х	X	X	Х	x	Х
	Light Trucks and Utility Vehicles	X	X	X	X	X	X	X	X
	erospace Product and Parts	18.4	х Х	X	0.1	49.6	х Х	X	1.2
	ircraft	69.9	х Х	X	X	ч <u>э.</u> Х	х Х	X	69.9
	urniture and Related Products	99.0	X	X	X	99.0	X	X	x
	fiscellaneous	71.1	X	X	71.1	X	X	X X	88.8
	otal	6.0	X	42.7	7.8	37.2	X	0.1	7.2

(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' 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 'f'.

(f) 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 refineries (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 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.eov/dnav/pet/pet_cons_psup_dc_nus_mbbl_a.htm

<u>nttps://www.eia.gov/dnav/pet/pet_cons_psup_dc_nus_mbbi_a.</u>

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

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

NA=Not available.

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

-- Estimation is not applicable. Energy source is not included in series.

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

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