

Released: October 2017
 Next MECS will be fielded in 2019

Table 10.12 Capability to Switch HGL (excluding natural gasoline) to Alternative Energy Sources, 2014;

Level: National Data and Regional Data;
 Row: NAICS Codes
 Column: Energy Sources;
 Unit: Million Barrels.

NAICS Code(a)	Subsector and Industry	HGL (excluding natural gasoline)			Alternative Energy Sources(b)						
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
Total United States											
311	Food	1	*	1	*	*	*	0	0	0	*
3112	Grain and Oilseed Milling	*	*	*	*	*	*	0	0	0	*
311221	Wet Corn Milling	*	*	*	*	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	*
3115	Dairy Product	*	*	*	*	*	*	0	0	0	0
3116	Animal Slaughtering and Processing	*	*	*	*	*	*	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
313	Textile Mills	*	*	*	*	*	0	*	0	0	0
314	Textile Product Mills	*	*	*	*	*	0	0	0	0	0
315	Apparel	*	*	*	*	0	0	0	0	0	0
316	Leather and Allied Products	*	*	*	*	*	0	0	0	0	0
321	Wood Products	1	*	1	*	*	*	*	*	0	*
321113	Sawmills	*	*	*	*	*	*	*	*	0	*
3212	Veneer, Plywood, and Engineered Woods	*	*	*	*	*	0	0	0	0	*
321219	Reconstituted Wood Products	*	*	*	*	*	0	0	0	0	0
3219	Other Wood Products	1	*	*	*	*	*	0	0	0	0
322	Paper	1	*	1	*	*	*	0	0	0	0
322110	Pulp Mills	*	0	*	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	*	*	*	*	*	*	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
324	Petroleum and Coal Products	10	2	8	*	2	*	*	0	0	0
324110	Petroleum Refineries	10	2	8	*	2	*	*	0	0	0
324121	Asphalt Paving Mixture and Block	*	*	*	*	*	*	*	0	0	0
324122	Asphalt Shingle and Coating Materials	*	*	*	*	*	*	0	0	0	0
324199	Other Petroleum and Coal Products	*	*	*	*	0	0	0	0	0	0
325	Chemicals	1	*	1	*	*	*	*	0	0	*
325110	Petrochemicals	*	*	*	0	*	0	0	0	0	0
325120	Industrial Gases	*	*	*	*	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	*	*	*	*	*	*	0	0	0	0
325193	Ethyl Alcohol	*	*	*	*	*	0	0	0	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
325212	Synthetic Rubber	*	*	*	*	0	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	*	*	*	*	*	*	0	0	0	0
325311	Nitrogenous Fertilizers	*	*	*	*	*	*	0	0	0	*
325312	Phosphatic Fertilizers	*	*	*	*	*	*	0	0	0	0
3254	Pharmaceuticals and Medicines	*	*	*	*	*	*	*	0	0	0
325412	Pharmaceutical Preparation	*	*	*	*	*	*	*	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	*	*	*	*	*	0	0	0	0	0
326	Plastics and Rubber Products	1	*	1	*	*	*	0	0	0	0
327	Nonmetallic Mineral Products	1	*	1	*	*	*	0	*	*	*
327120	Clay Building Material and Refractories	*	*	*	*	*	*	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
327213	Glass Containers	*	0	*	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	*	*	*	*	*	*	0	*	*	*
327310	Cements	*	*	*	*	*	*	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	*
331	Primary Metals	1	*	1	*	*	*	*	0	0	*
331110	Iron and Steel Mills and Ferroalloys	*	*	*	*	*	*	0	0	0	0
3312	Steel Products from Purchased Steel	*	*	*	*	*	*	0	0	0	*

3313	Alumina and Aluminum	*	*	*	*	*	*	0	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	*	*	*	0	*	*	0	0	0	*
331315	Aluminum Sheet, Plate and Foils	*	0	*	0	0	0	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	*	*	*	*	*	*	0	0	0	0
3314	Nonferrous Metals, except Aluminum	*	*	*	*	*	*	0	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	*	*	*	*	0	*	0	0	0	0
3315	Foundries	*	*	*	*	*	*	*	0	0	*
331511	Iron Foundries	*	*	*	*	*	*	*	0	0	*
331523	Nonferrous Metal Die-Casting Foundries	*	*	*	*	*	*	0	0	0	*
331524	Aluminum Foundries, except Die-Casting	*	*	*	*	*	*	*	0	0	*
332	Fabricated Metal Products	2	*	1	*	*	*	0	0	0	*
333	Machinery	1	*	1	*	*	*	*	0	0	*
334	Computer and Electronic Products	*	*	*	*	*	*	0	0	0	0
334413	Semiconductors and Related Devices	*	*	*	*	*	*	0	0	0	0
335	Electrical Equip., Appliances, and Components	*	*	*	*	*	*	*	0	0	*
336	Transportation Equipment	1	*	1	*	*	*	*	0	0	*
336111	Automobiles	*	*	*	0	*	*	0	0	0	0
336112	Light Trucks and Utility Vehicles	*	*	*	*	*	*	0	0	0	0
3364	Aerospace Product and Parts	*	*	*	*	*	*	0	0	0	0
336411	Aircraft	*	*	*	*	*	*	0	0	0	0
337	Furniture and Related Products	*	*	*	*	*	*	*	0	0	0
339	Miscellaneous	*	*	*	*	*	*	0	0	0	0
	Total	22	3	17	*	2	*	*	*	*	*

Northeast Census Region

311	Food	*	*	*	*	*	*	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	0	0
31131	Sugar Manufacturing	0	0	0	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	*	*	*	*	*	*	0	0	0	*
3115	Dairy Product	*	0	*	0	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
315	Apparel	*	0	0	0	0	0	0	0	0	0
316	Leather and Allied Products	*	*	*	*	*	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
3219	Other Wood Products	*	*	*	*	*	*	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
322122	Newsprint Mills	0	0	0	0	0	0	0	0	0	0
322130	Paperboard Mills	*	0	*	0	0	0	0	0	0	0
323	Printing and Related Support	*	0	*	0	0	0	0	0	0	0
324	Petroleum and Coal Products	*	*	*	*	*	*	*	0	0	0
324110	Petroleum Refineries	*	*	*	0	*	0	0	0	0	0
324121	Asphalt Paving Mixture and Block	*	*	*	0	*	*	*	0	0	0
324122	Asphalt Shingle and Coating Materials	*	0	*	0	0	0	0	0	0	0
324199	Other Petroleum and Coal Products	*	0	*	0	0	0	0	0	0	0
325	Chemicals	*	*	*	*	*	*	0	0	0	*
325110	Petrochemicals	0	0	0	0	0	0	0	0	0	0
325120	Industrial Gases	*	0	*	0	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	*	*	*	0	*	0	0	0	0	0
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	*	*	*	*	0	*	0	0	0	0
325211	Plastics Materials and Resins	*	*	*	*	*	0	0	0	0	0
325212	Synthetic Rubber	*	*	*	*	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	*
325312	Phosphatic Fertilizers	*	0	*	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	*	0	*	0	0	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	*	*	*	*	0	0	0	0	0	0
327	Nonmetallic Mineral Products	*	*	*	*	*	*	0	*	*	*
327120	Clay Building Material and Refractories	*	*	*	0	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
327213	Glass Containers	*	0	*	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	*	*	*	*	*	*	0	*	*	*
327310	Cements	*	*	*	*	0	0	0	0	0	0
327410	Lime	*	0	*	0	0	0	0	0	0	0
327420	Gypsum	*	0	*	0	0	0	0	0	0	0
327993	Mineral Wool	*	*	*	*	*	*	0	0	0	0
331	Primary Metals	*	*	*	*	*	*	0	0	0	*
331110	Iron and Steel Mills and Ferroalloys	*	*	*	*	*	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	0	0
331315	Aluminum Sheet, Plate and Foils	*	0	*	0	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	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	*	*	*	*	0	0	0	0	0	0
3315	Foundries	*	*	*	*	*	*	0	0	0	*
331511	Iron Foundries	*	*	*	0	0	*	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	*	0	*	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	*	*	*	*	*	*	0	0	0	0
332	Fabricated Metal Products	*	0	*	0	0	0	0	0	0	0
333	Machinery	*	*	*	*	0	0	*	0	0	0
334	Computer and Electronic Products	*	0	*	0	0	0	0	0	0	0
334413	Semiconductors and Related Devices	*	0	*	0	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	*	0	*	0	0	0	0	0	0	0
336	Transportation Equipment	*	*	*	*	*	*	0	0	0	0
336111	Automobiles	0	0	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	*	*	*	*	*	0	0	0	0	0
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	0	0	0
	Total	2	*	2	*	*	*	*	*	*	*

Midwest Census Region

311	Food	*	*	*	*	*	*	0	0	0	*
3112	Grain and Oilseed Milling	*	*	*	*	*	*	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
3115	Dairy Product	*	*	*	*	*	*	0	0	0	0
3116	Animal Slaughtering and Processing	*	*	*	*	*	*	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	0	0
313	Textile Mills	*	0	*	0	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	0	0
316	Leather and Allied Products	*	*	*	*	0	0	0	0	0	0
321	Wood Products	*	*	*	*	*	*	0	0	0	*
321113	Sawmills	*	*	*	*	*	*	0	0	0	0
3212	Veneer, Plywood, and Engineered Woods	*	*	*	*	*	0	0	0	0	*
321219	Reconstituted Wood Products	*	0	*	0	0	0	0	0	0	0
3219	Other Wood Products	*	*	*	*	*	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	0	0
322130	Paperboard Mills	*	0	*	0	0	0	0	0	0	0
323	Printing and Related Support	*	*	*	0	*	*	0	0	0	0
324	Petroleum and Coal Products	5	1	4	*	1	*	0	0	0	0
324110	Petroleum Refineries	5	1	4	*	1	*	0	0	0	0
324121	Asphalt Paving Mixture and Block	*	*	*	*	*	*	0	0	0	0
324122	Asphalt Shingle and Coating Materials	*	0	*	0	0	0	0	0	0	0
324199	Other Petroleum and Coal Products	*	*	*	*	0	0	0	0	0	0
325	Chemicals	*	*	*	*	*	*	*	0	0	*
325110	Petrochemicals	*	0	*	0	0	0	0	0	0	0
325120	Industrial Gases	*	0	*	0	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	*	*	*	*	0	0	0	0	0	0
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	*	0	*	0	0	0	0	0	0	0

325211	Plastics Materials and Resins	*	*	*	*	*	*	*	0	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	*	0	*	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	*	0	*	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	*	0	*	0	0	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	0	0
326	Plastics and Rubber Products	*	*	*	*	*	0	0	0	0	0
327	Nonmetallic Mineral Products	*	*	*	*	*	0	0	*	0	0
327120	Clay Building Material and Refractories	*	*	*	*	*	0	0	0	0	0
327211	Flat Glass	*	0	*	0	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	0	0
327215	Glass Products from Purchased Glass	*	*	*	*	0	0	0	0	0	0
327310	Cements	*	*	*	0	*	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	*	*	*	*	*	*	*	0	0	*
331110	Iron and Steel Mills and Ferroalloys	*	*	*	*	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	*	*	*	*	*	*	0	0	0	*
3313	Alumina and Aluminum	*	*	*	*	*	*	*	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	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	*	*	*	*	*	*	0	0	0	0
3314	Nonferrous Metals, except Aluminum	*	*	*	*	*	*	*	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	*	*	*	0	0	*	0	0	0	0
3315	Foundries	*	*	*	*	*	*	*	0	0	*
331511	Iron Foundries	*	*	*	*	*	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	0
332	Fabricated Metal Products	1	*	1	*	*	*	0	0	0	*
333	Machinery	*	*	*	*	*	*	0	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	*	*	*	*	*	0	0	0	0	0
336111	Automobiles	*	*	*	0	*	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	*	*	*	*	*	0	0	0	0	0
3364	Aerospace Product and Parts	*	*	*	*	*	0	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
	Total	9	2	6	*	2	*	*	*	0	*

South Census Region

311	Food	*	*	*	*	*	*	0	0	0	*
3112	Grain and Oilseed Milling	*	*	*	*	*	*	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	*	*	*	*	0	0	0	0	0	0
3115	Dairy Product	*	*	*	*	*	*	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
313	Textile Mills	*	*	*	*	*	0	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	0	0	0
321	Wood Products	*	*	*	*	*	*	*	0	0	*
321113	Sawmills	*	*	*	*	*	*	*	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	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	0	0
323	Printing and Related Support	*	*	*	*	0	0	0	0	0	0
324	Petroleum and Coal Products	2	*	2	*	*	*	*	0	0	0

324110	Petroleum Refineries	2	*	2	0	*	0	0	0	0	0
324121	Asphalt Paving Mixture and Block	*	*	*	0	*	*	*	0	0	0
324122	Asphalt Shingle and Coating Materials	*	*	*	*	*	*	0	0	0	0
324199	Other Petroleum and Coal Products	*	0	*	0	0	0	0	0	0	0
325	Chemicals	1	*	1	*	*	*	*	0	0	*
325110	Petrochemicals	*	*	*	0	*	0	0	0	0	0
325120	Industrial Gases	*	0	*	0	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	*	*	*	*	*	*	0	0	0	0
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	*
325199	Other Basic Organic Chemicals	*	*	*	0	*	0	0	0	0	0
325211	Plastics Materials and Resins	*	*	*	*	0	0	0	0	0	0
325212	Synthetic Rubber	*	*	*	*	0	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	*	*	*	*	*	*	0	0	0	0
325311	Nitrogenous Fertilizers	0	0	0	0	0	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
325992	Photographic Film, Paper, Plate, and Chemicals	*	*	*	*	0	0	0	0	0	0
326	Plastics and Rubber Products	1	*	*	*	*	*	*	0	0	0
327	Nonmetallic Mineral Products	*	*	*	*	*	*	*	0	0	0
327120	Clay Building Material and Refractories	*	*	*	*	0	*	*	0	0	0
327211	Flat Glass	*	0	*	0	0	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	*	*	*	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
327310	Cements	*	*	*	0	0	*	0	0	0	0
327410	Lime	*	0	*	0	0	0	0	0	0	0
327420	Gypsum	*	0	*	0	0	0	0	0	0	0
327993	Mineral Wool	*	*	*	*	*	*	*	0	0	*
331	Primary Metals	*	*	*	*	*	*	*	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
3313	Alumina and Aluminum	*	*	*	*	*	*	*	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	*	*	*	0	*	*	*	0	0	0
331315	Aluminum Sheet, Plate and Foils	*	0	*	0	0	0	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	*	*	*	*	*	*	*	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	0	0
3315	Foundries	*	*	*	*	0	*	*	0	0	*
331511	Iron Foundries	*	0	*	0	0	0	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	*	*	*	*	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	*	*	*	*	*	*	*	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	0	0
335	Electrical Equip., Appliances, and Components	*	*	*	*	*	*	*	0	0	*
336	Transportation Equipment	1	*	*	*	*	*	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
3364	Aerospace Product and Parts	*	*	*	*	*	*	0	0	0	0
336411	Aircraft	*	*	*	*	*	*	0	0	0	0
337	Furniture and Related Products	*	*	*	*	*	*	*	0	0	0
339	Miscellaneous	*	*	*	0	*	0	0	0	0	0
	Total	7	1	6	*	1	*	*	0	0	*

West Census Region

311	Food	1	*	*	*	*	*	*	0	0	0	*
3112	Grain and Oilseed Milling	*	*	*	*	0	0	0	0	0	0	0
311221	Wet Corn Milling	*	*	*	*	0	0	0	0	0	0	0
31131	Sugar Manufacturing	*	0	*	0	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	*	*	*	*	*	*	*	0	0	0	*
3115	Dairy Product	*	*	*	*	0	0	0	0	0	0	0
3116	Animal Slaughtering and Processing	*	*	*	0	*	0	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	0	0	0
313	Textile Mills	*	*	*	*	0	0	0	0	0	0	0
314	Textile Product Mills	*	0	*	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	0
321	Wood Products	*	*	*	*	*	*	*	0	0	0	0

321113	Sawmills	*	*	*	*	0	*	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	0
324	Petroleum and Coal Products	2	*	2	*	*	*	*	0	0	0
324110	Petroleum Refineries	2	*	2	0	*	*	*	0	0	0
324121	Asphalt Paving Mixture and Block	*	0	*	0	0	0	0	0	0	0
324122	Asphalt Shingle and Coating Materials	*	*	*	*	*	0	0	0	0	0
324199	Other Petroleum and Coal Products	*	0	*	0	0	0	0	0	0	0
325	Chemicals	*	*	*	*	*	*	*	0	0	0
325110	Petrochemicals	0	0	0	0	0	0	0	0	0	0
325120	Industrial Gases	*	*	*	*	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	*	*	*	0	0	*	0	0	0	0
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	*	*	*	*	0	*	0	0	0	0
325211	Plastics Materials and Resins	*	*	*	*	*	*	*	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	0	0
325311	Nitrogenous Fertilizers	*	*	*	0	*	0	0	0	0	0
325312	Phosphatic Fertilizers	*	*	*	*	*	*	0	0	0	0
3254	Pharmaceuticals and Medicines	*	*	*	*	0	0	0	0	0	0
325412	Pharmaceutical Preparation	*	*	*	*	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	*	0	*	0	0	0	0	0	0	0
326	Plastics and Rubber Products	*	*	*	*	0	0	0	0	0	0
327	Nonmetallic Mineral Products	*	*	*	*	*	*	0	0	0	*
327120	Clay Building Material and Refractories	*	0	*	0	0	0	0	0	0	0
327211	Flat Glass	*	0	*	0	0	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	*	*	*	*	0	*	0	0	0	0
327410	Lime	*	0	*	0	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
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
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	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	*	*	*	*	*	*	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
3315	Foundries	*	*	*	*	*	*	0	0	0	*
331511	Iron Foundries	*	*	*	*	*	0	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	*	0	*	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	*	*	*	0	*	*	0	0	0	*
332	Fabricated Metal Products	*	0	*	0	0	0	0	0	0	0
333	Machinery	*	*	*	0	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	0	0
335	Electrical Equip., Appliances, and Components	*	*	*	0	0	*	0	0	0	0
336	Transportation Equipment	*	*	*	*	*	*	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	*	*	*	*	0	0	0	0	0	0
336411	Aircraft	*	*	*	*	0	0	0	0	0	0
337	Furniture and Related Products	*	0	*	0	0	0	0	0	0	0
339	Miscellaneous	*	*	*	*	*	0	0	0	0	0
	Total	4	*	3	*	*	*	*	0	0	*

Economic Characteristic (f)

Value of Shipments and Receipts

(million dollars)

Under 20	4	*	3	*	*	*	*	*	*	*
20-49	3	*	2	*	*	*	*	0	0	*
50-99	2	*	1	*	*	*	*	*	0	*
100-249	3	*	2	*	*	*	*	0	0	*
250-499	1	*	1	*	*	*	0	0	0	*
500 and Over	11	2	9	*	2	*	*	0	0	*
Total	22	3	17	*	2	*	*	*	*	*

Employment Size

Under 50	3	*	2	*	*	*	*	*	*	*
50-99	2	*	1	*	*	*	*	0	0	*
100-249	5	*	5	*	*	*	*	0	0	*
250-499	4	*	3	*	*	*	*	*	0	0
500-999	3	1	2	*	1	*	*	0	0	*
1000 and Over	5	1	5	*	1	*	0	0	0	*
Total	22	3	17	*	2	*	*	*	*	*

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

(b) 'Alternative Energy Sources' consist of those energy sources that could have been substituted for HGL (including ethane) during 2014. The quantities are expressed in thousands of barrels, and therefore represent the quantity of HGL (including ethane) that could have been displaced by the given alternative type of energy.

(c) 'Total Consumed' represents those quantities (Total Inputs) of HGL (including ethane) that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(d) 'Electricity Receipts' represents those quantities of electricity generated off the manufacturing establishment site and available at the site for consumption. It includes those quantities for which payment was made, quantities transferred in, quantities purchased and paid for by a central purchasing entity, and quantities for which payment was made in kind. It does not include electricity generated onsite. 'Electricity Receipts' has not been adjusted to account for any quantities that might have been resold or transferred out. The estimates include those quantities that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(e) 'Other' includes all other types of energy not already identified that respondents indicated could have been consumed in place of HGL (including ethane).

(f) Value of Shipments and Receipts and Employment Size categories were supplied by the Bureau of the Census.

* 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.

Sources: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2014 Annual Survey of Manufactures.'

Released: October 2017
 Next MECS will be fielded in 2019

RSE Table 10.12 Relative Standard Errors for Table 10.12;

Unit: Percents.

NAICS Code(a)	Subsector and Industry	HGL (excluding natural gasoline)				Alternative Energy Sources(b)					
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
Total United States											
311	Food	12.2	19.3	13.9	26.8	25.2	21.3	X	X	X	35.3
3112	Grain and Oilseed Milling	31.2	50.2	18.1	11.9	58.3	30.6	X	X	X	84.2
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	X	0.0	X	X	X	X
31131	Sugar Manufacturing	0.1	X	0.1	X	X	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	31.3	11.3	36.6	23.4	9.7	4.4	X	X	X	41.0
3115	Dairy Product	20.3	30.4	24.1	20.0	27.7	77.2	X	X	X	X
3116	Animal Slaughtering and Processing	17.7	25.9	19.7	58.6	29.7	37.0	X	X	X	61.5
312	Beverage and Tobacco Products	10.3	40.1	9.9	25.6	69.0	47.9	X	X	X	X
3121	Beverages	11.0	40.3	10.8	25.8	69.8	47.9	X	X	X	X
3122	Tobacco	0.1	0.1	0.1	0.1	0.1	X	X	X	X	X
313	Textile Mills	10.9	25.1	9.2	29.0	64.2	X	0.1	X	X	X
314	Textile Product Mills	50.0	33.7	58.8	58.6	37.3	X	X	X	X	X
315	Apparel	56.8	94.4	69.1	94.4	X	X	X	X	X	X
316	Leather and Allied Products	8.8	57.9	7.4	66.1	40.2	X	X	X	X	X
321	Wood Products	8.9	47.1	8.9	48.3	56.3	4.1	0.1	42.6	X	68.0
321113	Sawmills	11.0	10.1	1.9	32.6	2.6	4.1	0.1	42.6	X	0.1
3212	Veneer, Plywood, and Engineered Woods	5.1	8.6	5.4	27.7	8.3	X	X	X	X	91.6
321219	Reconstituted Wood Products	11.1	0.5	12.4	5.2	0.1	X	X	X	X	X
3219	Other Wood Products	15.1	61.7	16.7	61.3	66.3	40.6	X	X	X	X
322	Paper	9.0	43.7	7.2	61.9	38.2	76.6	X	X	X	X
322110	Pulp Mills	0.0	X	0.0	X	X	X	X	X	X	X
322121	Paper Mills, except Newsprint	0.1	0.1	0.1	0.1	0.1	0.1	X	X	X	X
322122	Newsprint Mills	0.0	X	0.0	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	X	X	X	X	X	X
323	Printing and Related Support	33.8	61.2	38.1	75.2	93.8	93.5	X	X	X	X
324	Petroleum and Coal Products	0.2	0.5	0.2	56.5	0.1	1.7	8.8	X	X	X
324110	Petroleum Refineries	0.1	0.1	0.1	97.5	0.1	0.1	0.1	X	X	X
324121	Asphalt Paving Mixture and Block	6.0	8.5	9.9	49.7	0.1	4.3	18.8	X	X	X
324122	Asphalt Shingle and Coating Materials	19.7	6.7	21.6	0.1	23.4	0.9	X	X	X	X
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325	Chemicals	6.5	15.7	7.0	47.0	29.2	3.8	18.6	X	X	52.0
325110	Petrochemicals	0.3	0.1	0.3	X	0.1	X	X	X	X	X
325120	Industrial Gases	50.2	90.5	56.4	90.5	X	X	X	X	X	X
325180	Other Basic Inorganic Chemicals	14.5	22.0	19.5	84.7	67.1	3.8	X	X	X	X
325193	Ethyl Alcohol	8.6	0.1	9.2	0.1	0.1	X	X	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	X	X	X	X	X	X	0.0
325199	Other Basic Organic Chemicals	18.8	3.7	10.4	0.1	6.0	0.1	X	X	X	X
325211	Plastics Materials and Resins	4.4	30.9	4.6	32.2	8.5	26.3	53.0	X	X	X
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
325311	Nitrogenous Fertilizers	0.7	0.1	0.8	0.1	0.1	X	X	X	X	0.1
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
3254	Pharmaceuticals and Medicines	23.2	16.7	20.1	53.9	17.0	19.1	19.1	X	X	X
325412	Pharmaceutical Preparation	25.5	16.7	33.9	53.9	17.0	19.1	19.1	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	39.7	0.0	41.0	0.1	0.1	X	X	X	X	X
326	Plastics and Rubber Products	16.1	53.9	19.0	41.7	74.1	82.6	X	X	X	X
327	Nonmetallic Mineral Products	14.9	49.4	15.8	10.7	65.1	85.3	X	97.6	95.7	30.2
327120	Clay Building Material and Refractories	4.7	0.3	5.5	0.1	48.8	0.1	X	X	X	X
327211	Flat Glass	0.0	0.0	0.0	0.0	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.5	1.5	0.4	17.5	1.5	0.1	X	X	X	X
327213	Glass Containers	0.0	X	0.0	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	11.6	9.6	13.8	10.4	20.2	14.4	X	95.7	95.7	0.1
327310	Cements	1.2	0.1	1.2	0.1	0.1	0.1	X	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	X	X	X	X	X	X
327420	Gypsum	1.4	X	1.4	X	X	X	X	X	X	X
327993	Mineral Wool	3.8	4.7	0.6	11.0	0.1	60.8	X	X	X	69.2
331	Primary Metals	2.5	2.5	2.5	2.9	2.4	5.4	37.6	X	X	4.2
331110	Iron and Steel Mills and Ferroalloys	0.3	0.1	0.3	0.1	0.1	0.1	X	X	X	X
3312	Steel Products from Purchased Steel	13.8	28.3	9.3	10.3	76.7	34.6	X	X	X	76.7
3313	Alumina and Aluminum	1.2	2.9	0.9	4.6	5.8	4.5	X	X	X	0.1
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	0.1	X	0.1	0.1	X	X	X	0.1
331315	Aluminum Sheet, Plate and Foils	5.4	X	0.1	X	X	X	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	2.5	4.5	3.0	5.2	8.9	6.0	X	X	X	X

3314	Nonferrous Metals, except Aluminum	4.1	3.7	4.6	4.6	0.1	0.1	X	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	4.1	0.0	5.6	0.1	X	0.1	X	X	X	X
3315	Foundries	4.9	1.9	5.6	3.0	4.2	0.7	37.6	X	X	4.2
331511	Iron Foundries	3.6	18.9	3.7	65.5	19.0	78.1	37.6	X	X	51.8
331523	Nonferrous Metal Die-Casting Foundries	9.5	4.0	11.3	1.0	16.5	0.1	X	X	X	0.1
331524	Aluminum Foundries, except Die-Casting	4.4	0.5	5.9	6.3	16.6	0.5	X	X	X	0.1
332	Fabricated Metal Products	19.6	43.9	21.2	46.0	72.0	72.3	X	X	X	70.3
333	Machinery	29.8	49.2	37.5	49.6	93.6	91.0	99.0	X	X	70.6
334	Computer and Electronic Products	29.3	65.8	34.2	80.3	88.1	X	X	X	X	X
334413	Semiconductors and Related Devices	4.8	0.1	6.7	0.1	0.1	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	50.0	51.4	31.8	68.9	79.8	71.9	X	X	X	77.9
336	Transportation Equipment	16.3	42.6	19.0	54.2	65.2	62.2	X	X	X	98.2
336111	Automobiles	0.0	0.0	0.0	X	0.0	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
3364	Aerospace Product and Parts	14.2	10.8	16.9	12.1	15.0	X	X	X	X	X
336411	Aircraft	3.2	25.6	3.1	25.6	26.7	X	X	X	X	X
337	Furniture and Related Products	27.2	52.1	30.9	62.5	98.1	65.9	87.7	X	X	X
339	Miscellaneous	49.3	60.2	47.3	85.8	60.4	X	X	X	X	X
	Total	2.8	5.5	2.9	14.3	6.3	9.6	6.4	97.4	95.7	34.4

Northeast Census Region

311	Food	27.3	33.2	37.7	55.0	0.1	0.1	X	X	X	0.1
3112	Grain and Oilseed Milling	0.0	X	0.0	X	X	X	X	X	X	X
311221	Wet Corn Milling	X	X	X	X	X	X	X	X	X	X
31131	Sugar Manufacturing	X	X	X	X	X	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	29.8	1.4	45.0	5.0	0.1	0.1	X	X	X	0.1
3115	Dairy Product	23.1	X	23.9	X	X	X	X	X	X	X
3116	Animal Slaughtering and Processing	38.9	86.9	2.6	86.9	X	0.1	X	X	X	X
312	Beverage and Tobacco Products	11.2	96.5	9.7	X	96.5	X	X	X	X	X
3121	Beverages	11.5	96.5	10.0	X	96.5	X	X	X	X	X
3122	Tobacco	0.0	X	0.0	X	X	X	X	X	X	X
313	Textile Mills	0.5	0.1	0.8	X	X	X	0.1	X	X	X
314	Textile Product Mills	71.7	96.0	80.7	96.0	X	X	X	X	X	X
315	Apparel	98.5	X	X	X	X	X	X	X	X	X
316	Leather and Allied Products	44.3	40.2	18.5	30.3	40.2	X	X	X	X	X
321	Wood Products	26.0	71.9	24.0	45.4	79.6	2.7	X	42.6	X	X
321113	Sawmills	2.3	0.2	1.4	26.3	42.6	0.2	X	42.6	X	X
3212	Veneer, Plywood, and Engineered Woods	3.4	0.1	7.2	0.1	0.1	X	X	X	X	X
321219	Reconstituted Wood Products	0.1	0.1	0.1	0.1	0.1	X	X	X	X	X
3219	Other Wood Products	34.5	96.0	34.0	66.1	96.0	45.3	X	X	X	X
322	Paper	17.2	28.6	16.3	0.1	32.2	0.1	X	X	X	X
322110	Pulp Mills	0.0	X	0.0	X	X	X	X	X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
322122	Newsprint Mills	X	X	X	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	X	0.0	X	X	X	X	X	X	X
323	Printing and Related Support	35.5	X	38.1	X	X	X	X	X	X	X
324	Petroleum and Coal Products	3.3	2.8	12.0	0.1	0.1	0.1	23.3	X	X	X
324110	Petroleum Refineries	0.0	0.0	0.0	X	0.0	X	X	X	X	X
324121	Asphalt Paving Mixture and Block	19.4	18.0	49.6	X	0.1	0.1	23.3	X	X	X
324122	Asphalt Shingle and Coating Materials	0.0	X	0.0	X	X	X	X	X	X	X
324199	Other Petroleum and Coal Products	0.0	X	0.0	X	X	X	X	X	X	X
325	Chemicals	42.2	0.1	50.8	0.1	0.1	0.1	X	X	X	0.1
325110	Petrochemicals	X	X	X	X	X	X	X	X	X	X
325120	Industrial Gases	0.0	X	0.0	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemicals	1.3	0.1	1.3	X	0.1	X	X	X	X	X
325193	Ethyl Alcohol	0.0	X	0.0	X	X	X	X	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	X	0.0	X	X	X	X	X	X	X
325199	Other Basic Organic Chemicals	66.2	0.0	4.0	0.0	X	0.0	X	X	X	X
325211	Plastics Materials and Resins	16.3	0.1	17.8	0.1	0.1	X	X	X	X	X
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	X	X	0.0	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	57.9	X	68.0	X	X	X	X	X	X	X
325412	Pharmaceutical Preparation	74.8	X	74.8	X	X	X	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0	X	0.0	X	X	X	X	X
326	Plastics and Rubber Products	48.6	84.6	59.7	84.6	X	X	X	X	X	X
327	Nonmetallic Mineral Products	35.7	95.4	25.6	1.7	14.8	97.4	X	95.7	95.7	0.1
327120	Clay Building Material and Refractories	5.6	0.1	6.3	X	X	0.1	X	X	X	X
327211	Flat Glass	0.0	0.0	0.0	0.0	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	1.7	0.1	1.9	0.1	0.1	0.1	X	X	X	X
327213	Glass Containers	0.0	X	0.0	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	0.6	43.0	0.1	95.7	43.0	14.6	X	95.7	95.7	0.1
327310	Cements	0.0	0.0	0.0	0.0	X	X	X	X	X	X

327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X
327420	Gypsum	0.0	X	0.0	X	X	X	X	X	X	X
327993	Mineral Wool	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
331	Primary Metals	6.7	0.8	7.6	1.9	2.2	1.1	X	X	X	30.0
331110	Iron and Steel Mills and Ferroalloys	2.6	0.1	3.1	0.1	0.1	X	X	X	X	X
3312	Steel Products from Purchased Steel	24.1	0.1	26.8	0.1	X	X	X	X	X	X
3313	Alumina and Aluminum	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	X	0.0	X	X	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	X	0.0	X	X	X	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	0.0	0.0	0.0	X	0.0	X	X	X	X	X
3314	Nonferrous Metals, except Aluminum	9.3	0.0	9.5	0.0	X	X	X	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	0.0	0.0	X	X	X	X	X	X
3315	Foundries	11.1	1.0	12.8	11.2	10.1	1.1	X	X	X	30.0
331511	Iron Foundries	7.1	78.1	7.2	X	X	78.1	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	0.3	X	0.3	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	1.0	0.5	1.7	18.5	18.5	0.5	X	X	X	X
332	Fabricated Metal Products	51.9	X	52.3	X	X	X	X	X	X	X
333	Machinery	81.5	70.9	85.1	70.9	X	X	99.0	X	X	X
334	Computer and Electronic Products	54.2	X	57.2	X	X	X	X	X	X	X
334413	Semiconductors and Related Devices	20.1	X	20.1	X	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	54.2	X	54.2	X	X	X	X	X	X	X
336	Transportation Equipment	68.9	75.5	81.0	81.9	78.7	69.4	X	X	X	X
336111	Automobiles	X	X	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	9.0	47.7	8.0	81.9	0.1	X	X	X	X	X
336411	Aircraft	0.0	X	0.0	X	X	X	X	X	X	X
337	Furniture and Related Products	78.0	99.0	85.8	X	99.0	X	X	X	X	X
339	Miscellaneous	71.5	X	76.6	X	X	X	X	X	X	X
	Total	13.2	11.8	18.2	35.3	15.1	35.6	11.0	44.0	95.7	0.1

Midwest Census Region

311	Food	18.4	28.5	24.8	23.1	35.6	42.3	X	X	X	61.3
3112	Grain and Oilseed Milling	38.1	53.6	29.1	15.2	59.0	0.6	X	X	X	0.1
311221	Wet Corn Milling	0.0	X	0.0	X	X	X	X	X	X	X
31131	Sugar Manufacturing	0.0	X	0.0	X	X	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	22.3	15.8	27.1	52.4	0.9	0.1	X	X	X	X
3115	Dairy Product	50.7	31.2	79.6	44.3	28.1	78.3	X	X	X	X
3116	Animal Slaughtering and Processing	22.0	40.9	11.9	68.0	41.1	57.7	X	X	X	61.5
312	Beverage and Tobacco Products	22.5	52.1	23.6	63.8	71.4	X	X	X	X	X
3121	Beverages	22.5	52.1	23.6	63.8	71.4	X	X	X	X	X
3122	Tobacco	X	X	X	X	X	X	X	X	X	X
313	Textile Mills	13.8	X	13.9	X	X	X	X	X	X	X
314	Textile Product Mills	56.5	87.6	83.2	87.6	X	X	X	X	X	X
315	Apparel	X	X	X	X	X	X	X	X	X	X
316	Leather and Allied Products	4.9	77.2	3.3	77.2	X	X	X	X	X	X
321	Wood Products	24.4	58.9	29.7	65.9	80.2	34.6	X	X	X	91.6
321113	Sawmills	7.3	26.0	7.1	9.6	0.1	34.6	X	X	X	X
3212	Veneer, Plywood, and Engineered Woods	14.2	51.3	16.9	0.1	68.9	X	X	X	X	91.6
321219	Reconstituted Wood Products	8.8	X	9.8	X	X	X	X	X	X	X
3219	Other Wood Products	34.2	68.5	42.7	68.5	90.7	X	X	X	X	X
322	Paper	25.7	66.6	17.6	X	66.6	X	X	X	X	X
322110	Pulp Mills	0.0	X	0.0	X	X	X	X	X	X	X
322121	Paper Mills, except Newsprint	0.1	0.1	0.1	X	0.1	X	X	X	X	X
322122	Newsprint Mills	X	X	X	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	X	0.0	X	X	X	X	X	X	X
323	Printing and Related Support	18.5	93.8	22.2	X	93.8	93.8	X	X	X	X
324	Petroleum and Coal Products	0.1	0.1	0.1	33.1	0.1	0.3	X	X	X	X
324110	Petroleum Refineries	0.1	0.1	0.1	97.5	0.1	0.1	X	X	X	X
324121	Asphalt Paving Mixture and Block	16.6	13.1	20.8	49.7	70.9	5.5	X	X	X	X
324122	Asphalt Shingle and Coating Materials	10.4	X	10.4	X	X	X	X	X	X	X
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325	Chemicals	17.0	13.0	17.2	7.0	0.1	0.1	0.1	X	X	93.8
325110	Petrochemicals	85.4	X	85.4	X	X	X	X	X	X	X
325120	Industrial Gases	39.9	X	39.9	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemicals	12.5	43.0	12.5	43.0	X	X	X	X	X	X
325193	Ethyl Alcohol	10.1	0.1	11.0	0.1	0.1	X	X	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	X	0.0	X	X	X	X	X	X	X
325199	Other Basic Organic Chemicals	10.7	X	10.9	X	X	X	X	X	X	X
325211	Plastics Materials and Resins	6.9	31.2	7.0	33.1	0.1	0.1	0.1	X	X	X
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	X	0.0	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	79.1	X	79.1	X	X	X	X	X	X	X
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	2.5	X	2.5	X	X	X	X	X	X	X

325412	Pharmaceutical Preparation	0.1	X	0.1	X	X	X	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	X	0.0	X	X	X	X	X	X	X
326	Plastics and Rubber Products	23.2	58.6	25.3	58.6	97.7	X	X	X	X	X
327	Nonmetallic Mineral Products	24.6	69.0	28.3	0.1	0.2	X	X	97.7	X	X
327120	Clay Building Material and Refractories	4.7	0.4	6.2	0.1	48.8	X	X	X	X	X
327211	Flat Glass	0.0	X	0.0	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.1	X	0.1	X	X	X	X	X	X	X
327213	Glass Containers	0.0	X	0.0	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	31.4	0.1	32.9	0.1	X	X	X	X	X	X
327310	Cements	0.0	0.1	0.0	X	0.1	X	X	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	X	X	X	X	X	X
327420	Gypsum	0.0	X	0.0	X	X	X	X	X	X	X
327993	Mineral Wool	11.2	0.0	0.1	0.0	0.0	X	X	X	X	X
331	Primary Metals	2.3	8.3	2.5	23.9	4.2	0.1	37.6	X	X	50.2
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	X	X	X	X	X	X
3312	Steel Products from Purchased Steel	17.2	34.1	17.4	34.8	76.7	0.0	X	X	X	76.7
3313	Alumina and Aluminum	3.5	0.1	6.3	0.1	0.1	0.1	X	X	X	0.1
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	0.1	X	X	0.1	X	X	X	0.1
331315	Aluminum Sheet, Plate and Foils	0.0	X	0.0	X	X	X	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	9.0	0.0	10.1	0.0	0.1	X	X	X	X	X
3314	Nonferrous Metals, except Aluminum	1.0	36.8	0.8	62.1	0.1	0.1	X	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	0.0	X	X	0.0	X	X	X	X
3315	Foundries	6.6	5.2	7.6	11.7	5.0	0.1	37.6	X	X	51.8
331511	Iron Foundries	4.5	31.1	4.4	66.8	50.3	X	37.6	X	X	51.8
331523	Nonferrous Metal Die-Casting Foundries	14.9	12.1	17.7	6.4	16.5	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	11.4	0.1	12.2	0.1	X	X	X	X	X	X
332	Fabricated Metal Products	30.1	48.2	32.6	55.4	72.0	72.3	X	X	X	70.3
333	Machinery	24.8	60.0	31.5	68.0	98.7	99.0	X	X	X	99.0
334	Computer and Electronic Products	62.5	88.1	57.1	93.8	88.1	X	X	X	X	X
334413	Semiconductors and Related Devices	0.1	0.1	0.1	0.1	0.1	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	93.9	60.2	55.1	X	X	78.2	X	X	X	88.3
336	Transportation Equipment	29.9	39.9	35.4	49.8	47.3	X	X	X	X	X
336111	Automobiles	0.0	0.0	0.0	X	0.0	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
3364	Aerospace Product and Parts	2.7	35.6	3.5	40.0	28.2	X	X	X	X	X
336411	Aircraft	7.5	45.2	7.9	45.2	45.2	X	X	X	X	X
337	Furniture and Related Products	44.1	63.5	48.7	63.5	X	X	X	X	X	X
339	Miscellaneous	48.0	86.2	90.8	86.2	86.2	X	X	X	X	X
	Total	4.4	3.3	4.0	22.7	3.1	17.5	34.4	97.7	X	50.3

South Census Region

311	Food	14.3	27.9	15.0	14.8	34.6	64.7	X	X	X	85.7
3112	Grain and Oilseed Milling	11.9	41.0	7.2	39.7	0.1	38.0	X	X	X	85.7
311221	Wet Corn Milling	0.0	0.0	0.0	X	X	0.0	X	X	X	X
31131	Sugar Manufacturing	0.1	X	0.1	X	X	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	26.5	93.5	26.5	93.5	X	X	X	X	X	X
3115	Dairy Product	7.2	27.5	0.1	0.1	0.1	76.3	X	X	X	X
3116	Animal Slaughtering and Processing	11.5	35.5	12.1	14.6	39.6	56.5	X	X	X	X
312	Beverage and Tobacco Products	21.1	72.7	14.0	65.3	95.6	47.9	X	X	X	X
3121	Beverages	25.6	73.5	19.0	66.6	97.1	47.9	X	X	X	X
3122	Tobacco	0.1	0.1	0.1	0.1	0.1	X	X	X	X	X
313	Textile Mills	31.9	59.7	32.0	30.0	64.2	X	X	X	X	X
314	Textile Product Mills	53.4	35.6	62.7	78.1	37.3	X	X	X	X	X
315	Apparel	69.1	X	69.1	X	X	X	X	X	X	X
316	Leather and Allied Products	9.7	X	9.4	X	X	X	X	X	X	X
321	Wood Products	11.8	21.9	11.5	28.4	0.1	41.7	0.1	X	X	0.1
321113	Sawmills	34.5	41.0	4.2	41.0	0.1	0.1	0.1	X	X	0.1
3212	Veneer, Plywood, and Engineered Woods	8.6	31.5	8.8	51.7	0.1	X	X	X	X	X
321219	Reconstituted Wood Products	15.9	4.1	16.2	27.5	0.1	X	X	X	X	X
3219	Other Wood Products	23.8	45.4	26.5	52.6	X	79.6	X	X	X	X
322	Paper	11.1	63.7	9.1	77.3	61.0	92.5	X	X	X	X
322110	Pulp Mills	0.0	X	0.0	X	X	X	X	X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
322122	Newsprint Mills	0.0	X	0.0	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	X	0.0	X	X	X	X	X	X	X
323	Printing and Related Support	51.1	75.2	54.5	75.2	X	X	X	X	X	X
324	Petroleum and Coal Products	0.7	5.6	0.7	80.5	0.5	4.9	23.4	X	X	X
324110	Petroleum Refineries	0.0	0.0	0.0	X	0.0	X	X	X	X	X
324121	Asphalt Paving Mixture and Block	3.3	4.8	5.8	X	0.1	5.5	23.4	X	X	X
324122	Asphalt Shingle and Coating Materials	36.2	6.9	42.9	0.0	25.8	0.9	X	X	X	X
324199	Other Petroleum and Coal Products	0.0	X	0.0	X	X	X	X	X	X	X
325	Chemicals	6.0	34.1	6.2	70.0	39.8	20.8	19.1	X	X	0.1
325110	Petrochemicals	0.0	0.0	0.0	X	0.0	X	X	X	X	X
325120	Industrial Gases	0.1	X	0.1	X	X	X	X	X	X	X

325180	Other Basic Inorganic Chemicals	29.9	58.6	35.1	91.6	67.6	67.8	X	X	X	X
325193	Ethyl Alcohol	0.0	X	0.0	X	X	X	X	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	X	X	X	X	X	X	0.0
325199	Other Basic Organic Chemicals	12.7	6.0	13.2	X	6.0	X	X	X	X	X
325211	Plastics Materials and Resins	5.5	97.5	5.8	97.5	X	X	X	X	X	X
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
325311	Nitrogenous Fertilizers	X	X	X	X	X	X	X	X	X	X
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	29.9	17.0	1.0	X	17.0	19.1	19.1	X	X	X
325412	Pharmaceutical Preparation	15.5	17.0	1.1	X	17.0	19.1	19.1	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	49.3	0.0	51.1	0.0	X	X	X	X	X	X
326	Plastics and Rubber Products	26.9	80.3	29.0	99.0	82.3	82.6	X	X	X	X
327	Nonmetallic Mineral Products	25.9	69.4	27.0	51.9	71.5	21.2	X	X	X	69.2
327120	Clay Building Material and Refractories	11.6	0.1	12.3	0.1	X	0.0	X	X	X	X
327211	Flat Glass	0.0	X	0.0	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.1	0.1	0.1	X	0.1	0.1	X	X	X	X
327213	Glass Containers	0.0	X	0.0	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	18.8	25.5	26.0	75.6	22.8	X	X	X	X	X
327310	Cements	5.4	0.1	5.9	X	X	0.1	X	X	X	X
327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X
327420	Gypsum	2.6	X	2.6	X	X	X	X	X	X	X
327993	Mineral Wool	3.0	7.3	1.4	62.6	0.1	62.6	X	X	X	69.2
331	Primary Metals	7.5	6.4	6.9	2.8	3.9	17.0	X	X	X	0.1
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	X	0.0	X	X	X	X	X
3312	Steel Products from Purchased Steel	28.7	75.0	12.3	20.1	X	77.7	X	X	X	X
3313	Alumina and Aluminum	1.6	6.4	0.5	64.9	7.7	19.1	X	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	X	0.0	0.0	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	11.5	X	0.1	X	X	X	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	2.9	14.4	2.3	64.9	14.7	73.8	X	X	X	X
3314	Nonferrous Metals, except Aluminum	24.9	0.1	29.7	0.1	0.1	X	X	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	X	0.0	X	X	X	X	X	X	X
3315	Foundries	10.1	0.1	4.5	0.1	X	0.1	X	X	X	0.1
331511	Iron Foundries	15.4	X	16.5	X	X	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	19.4	0.1	1.1	0.1	X	0.1	X	X	X	0.1
331524	Aluminum Foundries, except Die-Casting	8.0	0.0	8.3	X	X	0.0	X	X	X	X
332	Fabricated Metal Products	29.3	73.2	35.4	73.2	X	X	X	X	X	X
333	Machinery	31.8	99.0	37.3	99.0	99.0	99.0	X	X	X	X
334	Computer and Electronic Products	54.9	94.0	55.2	94.0	X	X	X	X	X	X
334413	Semiconductors and Related Devices	0.2	X	0.2	X	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	29.3	53.3	38.5	68.9	79.8	93.9	X	X	X	80.9
336	Transportation Equipment	23.4	51.3	26.0	68.5	81.6	X	X	X	X	98.2
336111	Automobiles	0.0	X	0.0	X	X	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0	0.0	X	X	X	X	X	X
3364	Aerospace Product and Parts	42.3	40.7	43.5	33.1	40.7	X	X	X	X	X
336411	Aircraft	4.9	33.1	5.0	33.1	33.1	X	X	X	X	X
337	Furniture and Related Products	32.3	65.9	36.8	43.3	43.3	65.9	87.7	X	X	X
339	Miscellaneous	80.9	78.2	78.6	X	78.2	X	X	X	X	X
	Total	4.3	20.7	4.2	29.2	27.6	7.7	18.3	X	X	53.4

West Census Region

311	Food	25.5	31.3	29.3	34.0	45.9	63.0	X	X	X	70.1
3112	Grain and Oilseed Milling	10.8	0.1	12.9	0.1	X	X	X	X	X	X
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	X	X	X	X	X	X
31131	Sugar Manufacturing	0.1	X	0.1	X	X	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	53.1	37.4	57.2	38.2	52.9	66.7	X	X	X	70.1
3115	Dairy Product	2.8	9.2	0.4	9.2	X	X	X	X	X	X
3116	Animal Slaughtering and Processing	58.7	0.1	60.1	X	0.1	X	X	X	X	X
312	Beverage and Tobacco Products	17.4	21.8	23.2	26.8	0.1	X	X	X	X	X
3121	Beverages	17.4	21.8	23.2	26.8	0.1	X	X	X	X	X
3122	Tobacco	X	X	X	X	X	X	X	X	X	X
313	Textile Mills	14.6	0.1	15.8	0.1	X	X	X	X	X	X
314	Textile Product Mills	76.7	X	76.7	X	X	X	X	X	X	X
315	Apparel	94.4	94.4	X	94.4	X	X	X	X	X	X
316	Leather and Allied Products	35.7	X	35.7	X	X	X	X	X	X	X
321	Wood Products	16.6	46.2	18.5	2.4	49.9	2.5	X	X	X	X
321113	Sawmills	15.1	1.5	3.8	0.1	X	2.5	X	X	X	X
3212	Veneer, Plywood, and Engineered Woods	2.8	3.0	2.9	3.0	X	X	X	X	X	X
321219	Reconstituted Wood Products	7.4	3.0	7.7	3.0	X	X	X	X	X	X
3219	Other Wood Products	32.4	49.9	37.8	X	49.9	X	X	X	X	X
322	Paper	20.1	29.6	21.5	29.6	X	X	X	X	X	X
322110	Pulp Mills	0.0	X	0.0	X	X	X	X	X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	X	X	X	X	X	X
322122	Newsprint Mills	0.0	X	0.0	X	X	X	X	X	X	X

322130	Paperboard Mills	0.0	0.0	0.0	0.0	X	X	X	X	X	X
323	Printing and Related Support	41.0	99.0	50.0	X	X	99.0	X	X	X	X
324	Petroleum and Coal Products	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	X	X
324110	Petroleum Refineries	0.1	0.1	0.1	X	0.1	0.1	0.1	X	X	X
324121	Asphalt Paving Mixture and Block	4.0	X	4.0	X	X	X	X	X	X	X
324122	Asphalt Shingle and Coating Materials	1.4	0.1	1.5	0.1	0.1	X	X	X	X	X
324199	Other Petroleum and Coal Products	0.0	X	0.0	X	X	X	X	X	X	X
325	Chemicals	23.0	4.6	28.4	78.7	1.1	0.3	59.0	X	X	X
325110	Petrochemicals	X	X	X	X	X	X	X	X	X	X
325120	Industrial Gases	60.7	90.5	69.6	90.5	X	X	X	X	X	X
325180	Other Basic Inorganic Chemicals	11.5	0.1	27.6	X	X	0.1	X	X	X	X
325193	Ethyl Alcohol	0.1	X	0.1	X	X	X	X	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	X	0.0	X	X	X	X	X	X	X
325199	Other Basic Organic Chemicals	8.2	0.1	8.4	0.1	X	0.1	X	X	X	X
325211	Plastics Materials and Resins	7.6	59.0	12.6	59.0	59.0	59.0	59.0	X	X	X
325212	Synthetic Rubber	0.0	X	0.0	X	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	X	0.0	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	X	0.0	X	X	X	X	X
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
3254	Pharmaceuticals and Medicines	6.8	53.9	6.8	53.9	X	X	X	X	X	X
325412	Pharmaceutical Preparation	7.8	53.9	7.9	53.9	X	X	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.1	X	0.1	X	X	X	X	X	X	X
326	Plastics and Rubber Products	52.7	98.0	46.9	98.0	X	X	X	X	X	X
327	Nonmetallic Mineral Products	17.3	74.0	17.6	3.5	95.6	48.1	X	X	X	61.3
327120	Clay Building Material and Refractories	2.4	X	3.3	X	X	X	X	X	X	X
327211	Flat Glass	0.0	X	0.0	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	6.3	74.9	2.0	74.9	74.9	X	X	X	X	X
327213	Glass Containers	0.0	X	0.0	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	5.4	1.1	1.2	0.1	X	52.3	X	X	X	X
327310	Cements	0.0	0.0	0.0	0.0	X	0.0	X	X	X	X
327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X
327420	Gypsum	0.1	X	0.1	X	X	X	X	X	X	X
327993	Mineral Wool	0.0	0.0	0.0	0.0	X	X	X	X	X	X
331	Primary Metals	5.1	1.2	7.4	1.3	0.1	0.1	X	X	X	0.1
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	X	X	0.0	X	X	X	X
3312	Steel Products from Purchased Steel	5.5	0.0	0.6	X	X	0.0	X	X	X	X
3313	Alumina and Aluminum	2.3	0.1	4.8	0.1	0.1	0.1	X	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	0.1	X	X	0.1	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	X	0.0	X	X	X	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	3.0	0.1	8.8	0.1	0.0	0.0	X	X	X	X
3314	Nonferrous Metals, except Aluminum	12.8	1.7	40.4	1.7	X	0.0	X	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	24.5	0.0	29.3	0.1	X	0.0	X	X	X	X
3315	Foundries	9.2	1.4	9.9	25.4	0.1	0.1	X	X	X	0.1
331511	Iron Foundries	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	6.7	X	6.7	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	1.0	0.0	1.1	X	0.0	0.0	X	X	X	0.0
332	Fabricated Metal Products	56.1	X	60.6	X	X	X	X	X	X	X
333	Machinery	71.9	99.0	41.6	X	X	X	X	X	X	99.0
334	Computer and Electronic Products	52.5	99.0	61.3	99.0	X	X	X	X	X	X
334413	Semiconductors and Related Devices	0.1	X	0.1	X	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	40.4	92.5	50.4	X	X	92.5	X	X	X	X
336	Transportation Equipment	35.6	10.1	38.2	10.1	97.6	97.6	X	X	X	X
336111	Automobiles	0.0	X	0.0	X	X	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	X	0.0	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	7.3	5.0	9.8	5.0	X	X	X	X	X	X
336411	Aircraft	5.0	0.0	3.4	0.0	X	X	X	X	X	X
337	Furniture and Related Products	30.2	X	32.2	X	X	X	X	X	X	X
339	Miscellaneous	48.7	92.6	59.0	91.1	95.7	X	X	X	X	X
	Total	6.3	7.7	6.5	20.4	5.8	2.8	0.1	X	X	64.6

Economic Characteristic (f)

**Value of Shipments and Receipts
(million dollars)**

Under 20	10.0	19.8	11.4	26.6	36.1	6.7	19.1	44.0	95.7	94.3
20-49	10.5	18.7	12.1	35.4	35.5	36.6	2.4	X	X	61.8
50-99	8.9	29.0	9.5	32.7	40.2	16.1	22.7	97.7	X	61.2
100-249	13.6	31.4	14.7	30.1	49.8	15.2	19.0	X	X	12.5
250-499	11.2	32.2	12.2	24.0	47.7	19.3	X	X	X	80.9
500 and Over	0.9	3.7	0.5	42.4	3.8	2.4	0.1	X	X	0.1
Total	2.8	5.5	2.9	14.3	6.3	9.6	6.4	97.4	95.7	34.4

Employment Size

Under 50	8.1	21.4	9.7	28.4	35.4	28.1	19.1	44.0	95.7	94.3
50-99	15.1	32.8	12.0	29.9	54.3	10.9	37.6	X	X	46.3
100-249	5.9	15.2	6.5	29.6	22.9	17.1	2.4	X	X	59.9
250-499	9.2	21.9	9.1	31.0	29.9	5.9	1.1	97.7	X	X
500-999	5.4	1.8	8.2	35.2	0.7	9.3	43.3	X	X	0.1
1000 and Over	1.7	8.7	0.7	23.2	8.8	66.7	X	X	X	80.9
Total	2.8	5.5	2.9	14.3	6.3	9.6	6.4	97.4	95.7	34.4

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

(b) 'Alternative Energy Sources' consist of those energy sources that could have been substituted for HGL (including ethane) during 2014. The quantities are expressed in thousands of barrels, and therefore represent the quantity of HGL (including ethane) that could have been displaced by the given alternative type of energy.

(c) 'Total Consumed' represents those quantities (Total Inputs) of HGL (including ethane) that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(d) 'Electricity Receipts' represents those quantities of electricity generated off the manufacturing establishment site and available at the site for consumption. It includes those quantities for which payment was made, quantities transferred in, quantities purchased and paid for by a central purchasing entity, and quantities for which payment was made in kind. It does not include electricity generated onsite. 'Electricity Receipts' has not been adjusted to account for any quantities that might have been resold or transferred out. The estimates include those quantities that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(e) 'Other' includes all other types of energy not already identified that respondents indicated could have been consumed in place of HGL (including ethane).

(f) Value of Shipments and Receipts and Employment Size categories were supplied by the Bureau of the Census.

* 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.

Sources: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2014 Annual Survey of Manufactures.'