Released: August 2025

Next MECS will be fielded in 2027

Table 10.12 Capability to switch HGL (excluding natural gasoline) to alternative energy sources, 2022

Level: National and regional data

Row: NAICS codes Column: Energy sources Unit: Thousand barrels

NAICS Total Not Electricity agas fuel oil fuel oil Coal bree switchable switchable receipts agas fuel oil fuel oil Coal bree states Total United States Total United States Total United States 311 Food 2 * * 2 * * * * 0 0 0 0 0 0 0 0 0 0 0 0	nd
311 Food 2 * 2 * * * 0 0	0 0 0 0 0 0 0 0 0 0
2 2 0 0	0 0 0 0 0 0 0 0 0 0
3112 Grain and Oilseed Milling * * * * 0 0 0 0	0 0 0 0 0 0 0 0 0 0
	0 0 0 0 0 0 0 0
311221 Wet Corn Milling and Starch Manufacturing * 0 * 0 0 0 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	0 0 0 0
3115 Dairy Product Manufacturing Q * Q * * * * 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	0 0
313 Textile Mills * * * * * 0 0 0	0 0
314 Textile Product Mills * 0 * 0 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	0 *
321113 Sawmills * * * * * * * * 0	0 0
3212 Veneer, Plywood, and Engineered Wood Product Manufacturing * * * * * 0 * 0 0	0 *
321219 Reconstituted Wood Products * * * * 0 * 0 0	0 0
3219 Other Wood Products * * * * 0 * 0 0	0 *
322 Paper 1 * 1 * 0 * 0 0	0 0
322110 Pulp Mills * 0 * 0 0 0 0 0	0 0
322120 Paper 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 8 1 7 * 1 * * 0	0 *
324110 Petroleum Refineries 8 1 7 * 1 * 0 0	0 0
324121 Asphalt Paving Mixture and Block * * * 0 * * * 0	0 *
324122 Asphalt Shingle and Coating Materials * * * 0 0 0 * 0	0 0
324191 Petroleum Lubricating Oil and Grease Manufacturing * * * * 0 * 0 0	0 0
324199 All Other Petroleum and Coal Products Manufacturing * 0 * 0 0 0 0	0 0
325 Chemicals 5 1 4 * 1 * 0 0	0 *

325110	Petrochemicals	2	1	1	0	1	0	0	0	0	0
325120	Industrial Gases	*	*	*	*	0	0	0	0	0	0
325180	Other Basic Inorganic Chemical Manufacturing	*	*	*	*	*	*	0	0	0	*
325193	Ethyl Alcohol	*	*	*	0	0	0	0	0	0	*
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	2	0	2	0	0	0	0	0	0	0
325199	All Other Basic Organic Chemical Manufacturing	*	*	*	*	*	*	0	0	0	0
325211	Plastics Materials and Resins	1	*	1	*	*	0	0	0	0	0
325212	Synthetic Rubber	*	*	*	*	*	*	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
3254	Pharmaceuticals and Medicines	*	*	*	*	*	*	0	0	0	0
325412	Pharmaceutical Preparation	*	*	*	*	*	0	0	0	0	0
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	*	0	*	0	0	0	0	0	0	0
326	Plastics and Rubber Products	1	*	1	*	0	0	0	0	0	0
327	Nonmetallic Mineral Products	1	*	1	*	*	*	0	0	0	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	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	0	0
		*	0	*	U	0	0	0	0		0
327420 327993	Gypsum Mineral Wool	*	0	*	0	0	0	0	0	0	0
327993			*	1	v *	*	v *	0	0	0	*
	Primary Metals	<u>1</u>		1	*		-				
331110	Iron and Steel Mills and Ferroalloys				*			0	0	0	
3312	Steel Products from Purchased Steel		÷	·	·	*		0	0	0	
3313	Alumina and Aluminum Production and Processing	*	*	*	*	*	-	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	
331318	Other Aluminum Rolling, Drawing and Extruding	*	*	*		*	*	0	0	0	0
3314	Nonferrous Metal (except Aluminum) Production and Processing	*	*	*	*	*	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
331524	Aluminum Foundries, except Die-Casting	*	*	*	*	*	0	0	0	0	0
332	Fabricated Metal Products	1	*	1	*	*	*	0	0	0	0
333	Machinery	1	*	1	*	0	*	0	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	0
336	Transportation Equipment	1	*	1	*	*	*	0	0	0	*
336110	Automobile and Light Duty Motor Vehicle Manufacturing	*	*	*	*	*	*	0	0	0	0
3364	Aerospace Product and Parts	*	*	*	*	*	*	0	0	0	*

337 339 311	Furniture and Related Products Miscellaneous Total	* * 24	*	*	*	*	0	0	0	0	
		* 24	*							-	0
111	Total	24		*	*	*	*	0	0	0	0
111			2	21	*	2	*	*	0	0	*
311		Northeast Census F	logion								
	Food	*	*	*	*	*	*	0	0	0	0
3112	Grain and Oilseed Milling	*	*	*	*	0	0	0	0	0	0
311221	Wet Corn Milling and Starch Manufacturing	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	0	0
3115	Dairy Product Manufacturing	*	*	*	*	*	*	0	0	0	0
3116	Animal Slaughtering and Processing	*	0	*	0	0	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	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 Wood Product Manufacturing	*	*	*	*	0	*	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	0	0
322110	Pulp Mills	*	0	*	0	0	0	0	0	0	0
322120	Paper Mills	*	*	*	*	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	1	*	1	0	0	*	*	0	0	0
324110	Petroleum Refineries	1	0	1	0	0	0	0	0	0	0
324121	Asphalt Paving Mixture and Block	*	*	*	0	0	*	*	0	0	0
324122	Asphalt Shingle and Coating Materials	*	0	*	0	0	0	0	0	0	0
324191	Petroleum Lubricating Oil and Grease Manufacturing	*	0	*	0	0	0	0	0	0	0
324199	All Other Petroleum and Coal Products Manufacturing	*	0	*	0	0	0	0	0	0	0
324133	Chemicals	1	1	*	*	1	*	0	0	0	0
325110	Petrochemicals	1	1	*	0	1	0	0	0	0	0
325120	Industrial Gases	*	0	*	0	0	0	0	0	0	0
325120	Other Basic Inorganic Chemical Manufacturing	*	*	*	*	0	0	0	0	0	0
325193	Ethyl Alcohol	*	0	*	0	0	0	0	0	0	0
325193	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	*	0	*	0	0	0	0	0	0	0
		*	*	*	*	0			0	0	
325199	All Other Basic Organic Chemical Manufacturing	*		*			0	0			
325211	Plastics Materials and Resins	*	0	*	0	0	0	0	0	0	0
325212 325220	Synthetic Rubber Artificial and Synthetic Fibers and Filaments	······································	0	·	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
325412	Pharmaceutical Preparation	*	0	*	0	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	*	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	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	0	0
327310	Cements	*	*	*	*	0	0	0	0	0	0
327410	Lime	0	0	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	0	0
331	Primary Metals	*	*	*	*	*	*	0	0	0	*
331110	Iron and Steel Mills and Ferroalloys	*	0	*	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	*	*	*	*	0	0	0	0	0	0
3313	Alumina and Aluminum Production and Processing	*	0	*	0	0	0	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	0	0	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	0	0
3314	Nonferrous Metal (except Aluminum) Production and Processing	*	*	*	*	0	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	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	*	0	*	0	0	0	0	0	0	0
332	Fabricated Metal Products	*	*	*	*	*	0	0	0	0	0
333	Machinery	*	0	*	0	0	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
336110	Automobile and Light Duty Motor Vehicle Manufacturing	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	3	1	3	*	1	*	*	0	0	*
311	Food M	lidwest Census Re	gion *	Q	*	*	0	0	0	0	0
3112	Grain and Oilseed Milling	*	*	*	*	0	0	0	0	0	0
311221	Wet Corn Milling and Starch Manufacturing	*	0	*	0	0	0	0	0	0	0
211221	Wet Com Milling and Staten Mandractuming										

31131	Sugar Manufacturing	*	*	*	*	*	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	*	*	*	*	0	0	0	0	0	0
3115	Dairy Product Manufacturing	Q	0	Q	0	0	0	0	0	0	0
3116	Animal Slaughtering and Processing	*	0	*	0	0	0	0	0	0	0
312	Beverage and Tobacco Products	*	*	*	0	0	0	0	0	0	0
3121	Beverages	*	0	*	0	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	0	0
316	Leather and Allied Products	*	*	*	*	0	*	0	0	0	0
321	Wood Products	*	*	*	*	*	*	0	0	0	*
321113	Sawmills	*	*	*	*	*	*	0	0	0	0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	*	*	*	*	0	0	0	0	0	*
321219	Reconstituted Wood Products	*	0	*	0	0		0	0	0	0
3219	Other Wood Products	*	*	*	0	0	0	0	0	0	*
322	Paper	*	*	*	*	0	0	0	0	0	
322110	Pulp Mills	*	0	*	0	0	0	0	0	0	0
322110	Paper Mills	*	*	*	*	0	0	0	0	0	0
322130	Paperboard Mills	*	*	*	*	0	0	0	0	0	0
323		*	*	*	*	0	0	0	0	0	0
323	Printing and Related Support			·			v	0	0	0	
	Petroleum and Coal Products	1	1	·	*	1	*				0
324110	Petroleum Refineries	1	1			1		0	0	0	0
324121	Asphalt Paving Mixture and Block	* 	-	·	0	0	·	0	0	0	0
324122	Asphalt Shingle and Coating Materials	*	0		0	0	0	0	0	0	0
324191	Petroleum Lubricating Oil and Grease Manufacturing	*		*		0	*	0	0	0	0
324199	All Other Petroleum and Coal Products Manufacturing	*	0	*	0	0	0	0	0	0	0
325	Chemicals	1	*	1	*	*	*	0	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 Chemical Manufacturing	*	*	*	*	0	*	0	0	0	*
325193	Ethyl Alcohol	*	*	*	0	0	0	0	0	0	*
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	*	0	*	0	0	0	0	0	0	0
325199	All Other Basic Organic Chemical Manufacturing	*	*	*	*	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	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
325312	Phosphatic Fertilizers	*	*	*	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, Chemical, and Copy Toner Manufacturing	*	0	*	0	0	0	0	0	0	0
326	Plastics and Rubber Products	*	0	*	0	0	0	0	0	0	0
327	Nonmetallic Mineral Products	*	*	*	*	0	0	0	0	0	0
327120	Clay Building Material and Refractories	*	*	*	*	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	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	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	0	0
331	Primary Metals	1	*	1	*	*	*	0	0	0	*
331110	Iron and Steel Mills and Ferroalloys	*	0	*	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	*	*	*	*	0	0	0	0	0	0
3313	Alumina and Aluminum Production and Processing	*	*	*	*	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	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	*	*	*	*	0	*	0	0	0	0
3314	Nonferrous Metal (except Aluminum) Production and Processing	*	*	*	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	0
331511	Iron Foundries	*	*	*	*	*	0	0	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	0
332	Fabricated Metal Products	1	*	1	*	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	*	*	*	*	*	*	0	0	0	0
336110	Automobile and Light Duty Motor Vehicle Manufacturing	*	*	*	*	*	*	0	0	0	0
3364	Aerospace Product and Parts	*	*	*	*	0	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	0	0
339	Miscellaneous	*	0	*	0	0	0	0	0	0	0
	Total	5	1	5	*	1	*	0	0	0	*
	South	Census Regio	n								
311	Food	1	*	*	*	*	0	0	0	0	0
3112	Grain and Oilseed Milling	*	*	*	*	0	0	0	0	0	0
311221	Wet Corn Milling and Starch Manufacturing	*	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 Manufacturing	*	*	*	0	*	0	0	0	0	0
3116	Animal Slaughtering and Processing	*	*	*	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
313	Textile Mills	*	*	*	*	*	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
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 Wood Product Manufacturing	*	*	*	*	0	*	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
322110	Pulp Mills	*	0	*	0	0	0	0	0	0	0
322120	Paper 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	0
324	Petroleum and Coal Products	4	*	4	*	*	*	*	0	0	0
324110	Petroleum Refineries	4	*	4	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
324191	Petroleum Lubricating Oil and Grease Manufacturing	*	*	*	*	0	0	0	0	0	0
324199	All Other Petroleum and Coal Products Manufacturing	*	0	*	0	0	0	0	0	0	0
325	Chemicals	4	*	4	*	*	*	0	0	0	0
325110	Petrochemicals	1	0	1	0	0	0	0	0	0	0
		*	*	*	*	0			0	0	0
325120	Industrial Gases	*	<u>*</u>	·	*	*	0	0	0	0	
325180	Other Basic Inorganic Chemical Manufacturing	·		·			0	0			0
325193	Ethyl Alcohol	·	0	·	0	0	0	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	2	0	2	0	0	0	0	0	0	0
325199	All Other Basic Organic Chemical Manufacturing	•	*		·	·	0	0	0	0	0
325211	Plastics Materials and Resins	1	*	<u>1</u> *	*	*	0	0	0	0	0
325212	Synthetic Rubber	*	*	*	*	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	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, Chemical, and Copy Toner Manufacturing	*	0	*	0	0	0	0	0	0	0
326	Plastics and Rubber Products	Q	*	Q	*	0	0	0	0	0	0
327	Nonmetallic Mineral Products	*	*	*	*	*	0	0	0	0	0
327120	Clay Building Material and Refractories	*	*	*	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	0
327310	Cements	*	0	*	0	0	0	0	0	0	0
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	0	0	0	0
331	Primary Metals	*	*	*	*	*	*	0	0	0	*
331110	Iron and Steel Mills and Ferroalloys	*	*	*	*	*	*	0	0	0	*
331113	die deed ining die lettouity										

3312	Steel Products from Purchased Steel	*	*	*	*	0	*	0	0	0	0
3313	Alumina and Aluminum Production and Processing	*	*	*	*	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	*
331318	Other Aluminum Rolling, Drawing and Extruding	*	*	*	*	0	0	0	0	0	0
3314	Nonferrous Metal (except Aluminum) Production and Processing	*	*	*	*	*	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	0
331511	Iron Foundries	*	0	*	0	0	0	0	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	0	0	0
332	Fabricated Metal Products	*	*	*	0	0	*	0	0	0	0
333	Machinery	*	0	*	0	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
335	Electrical Equip., Appliances, and Components	*	0	*	0	0	0	0	0	0	
336	Transportation Equipment	*	*	*	0	*	*	0	0	0	*
336110	Automobile and Light Duty Motor Vehicle Manufacturing	*	0	*	0	0	0	0	0	0	n
3364	Aerospace Product and Parts	*	*	*	0	*	*	0	0	0	*
336411	Aircraft	*	0	*	0	0	0	0	0	0	
337	Furniture and Related Products	*	*	*	*	*	0	0	0	0	
22/	Furniture and Related Products		*	*	0	*	*	0	0	0	
	Missellanaeus							U	U	U	U
339	Miscellaneous Total	11	*	11	*	*	*	*	0	0	*
339	Total	11 West Census Region		11	*				0	0	*
311	Total Food		*	*	*	0	*	0	0	0	0
339 311 3112	Total Food Grain and Oilseed Milling		*	*	*	0	*	0	0 0 0	0 0	0
339 311 3112 311221	Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing		* 0 0	* *	* 0 0	0 0 0	* 0 0	0 0 0	0 0 0	0 0 0	0 0
311 3112 311221 31131	Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing		*	* * *	* 0 0 0	0 0 0	* 0 0	0 0 0	0 0 0	0 0 0 0	0 0
339 311 3112 311221 31131 3114	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food		* 0 0	* * * * * * * * * * * * * * * * * * * *	* 0 0 0 *	0 0 0 0	* 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
311 3112 311221 31131 3114 3115	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing		* 0 0 0 * *	* * * * * * * * * * * * * * * * * * * *	*	0 0 0 0	* 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0
311 3112 311221 31131 3114 3115 3116	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing		* 0 0 * * * 0	* * * * * * * * * * * * * * * * * * * *	* 0 0 0 * * 0 0	0 0 0 0	* 0 0 0 0 * 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
311 3112 311221 31131 3114 3115 3116 312	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products		* 0 0 0 * *	* * * * * * * * * * * * * * * * * * * *	*	0 0 0 0 0	* 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0
339 311 3112 311221 31131 3114 3115 3116 312 3121	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages	West Census Region * * * * * * * * * * * * *	* 0 0 0 * * * *	* * * * * * * * * * * * * * * * * * * *	* 0 0 0 * * 0 * * 0 * * *	0 0 0 0 0	* 0 0 0 0 * 0 * 0 * * *	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0
311 3112 311221 31131 3114 3115 3116 312 3121 3121	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco		* 0 0 0 * * * 0 * 0 * 0	* * * * * * * * * * * * * * * * * * *	* 0 0 0 * 0 * 0 * 0 * 0 0 *	0 0 0 0 0 0	* 0 0 0 0 * 0 * 0 * 0 * 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0
311 3112 311221 31131 3114 3115 3116 312 3121 3122 313	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills	West Census Region * * * * * * * * * * * * *	* 0 0 0 * * * 0 0 * * * 0 0 * *	* * * * * * * * * * * * * * * * * * * *	* 0 0 0 * * 0 * * 0 * * *	0 0 0 0 0 0 0	* 0 0 0 0 * 0 * 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0
311 3112 311221 31131 3114 3115 3116 312 3121 3121	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco	West Census Region * * * * * * * * * * * * *	* 0 0 0 * * * 0 * 0 * 0	* * * * * * * * * * * * * * * * * * * *	* 0 0 0 * 0 * 0 * 0 * 0 0 *	0 0 0 0 0 0	* 0 0 0 0 * 0 * 0 * 0 * 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0
311 3112 311221 31131 3114 3115 3116 312 3121 3122 313	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills	West Census Region * * * * * * * * * * * * *	* 0 0 0 * * * 0 0 * * * 0 0 * *	* * * * * * * * * * * * * * * * * * * *	* 0 0 0 * * * 0 0 * * * 0 * 0 * * 0 * 0	0 0 0 0 0 0 0	* 0 0 0 0 * 0 * 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0
311 3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315 316	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products	West Census Region * * * * * * * * * * * * 0 * *	* 0 0 0 * * * 0 0 * 0 0 * 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* 0 0 0 * * 0 0 * * 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	* 0 0 0 0 * 0 * 0 0 * 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0
311 3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel	West Census Region * * * * * * * * * * * * 0 * *	* 0 0 0 * * * 0 * 0 * 0 * 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* 0 0 0 * * * 0 0 * 0 0 * 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	* 0 0 0 0 * 0 * 0 0 * 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
311 3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315 316	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products	West Census Region * * * * * * * * * * * * 0 * *	* 0 0 0 * * * 0 * 0 * 0 * 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* 0 0 0 * * 0 0 * * 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	* 0 0 0 0 * 0 * 0 0 * 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
339 311 3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315 316 321	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products	West Census Region * * * * * * * * * * * * 0 * *	* 0 0 0 * * * 0 * 0 * 0 * 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* 0 0 0 * * 0 0 * * 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	* 0 0 0 0 * 0 * 0 0 * 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
339 311 3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315 316 321 32113	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills	West Census Region * * * * * * * * * * * * 0 * *	* 0 0 0 * * * 0 * 0 * 0 * 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* 0 0 0 * * 0 0 * * 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	* 0 0 0 0 * 0 0 * 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
339 311 3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315 316 321 321113 3212	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing	West Census Region * * * * * * * * * * * * 0 * *	* 0 0 0 * * * 0 0 * * * 0 0 * * * * 0 0 *	* * * * * * * * * * * * * * * * * * *	* 0 0 0 * * * 0 0 0 0 * * * * 0 0 0 0 *	0 0 0 0 0 0 0 0 0 0 0	* 0 0 0 0 * 0 0 * 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0
339 311 3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315 316 321 321113 3212 321219	Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products	West Census Region * * * * * * * * * * * * 0 * *	* 0 0 0 * * * 0 0 * * * 0 0 0 * * * 0 0 0 * * 0	* * * * * * * * * * * * * * * * * * *	* 0 0 0 * * * 0 0 0 0 * * * * 0 0 0 0 *	0 0 0 0 0 0 0 0 0 0 0 0	* 0 0 0 0 0 * 0 0 * 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0

322120	Paper Mills	*	*	*	*	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	3	*	2	0	*	*	0	0	0	*
324110	Petroleum Refineries	3	*	2	0	*	0	0	0	0	0
324121	Asphalt Paving Mixture and Block	*	*	*	0	0	*	0	0	0	*
324122	Asphalt Shingle and Coating Materials	*	0	*	0	0	0	0	0	0	0
324191	Petroleum Lubricating Oil and Grease Manufacturing	*	0	*	0	0	0	0	0	0	0
324199	All Other Petroleum and Coal Products Manufacturing	*	0	*	0	0	0	0	0	0	0
325	Chemicals	*	*	*	*	*	*	0	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 Chemical Manufacturing	*	*	*	*	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	All Other Basic Organic Chemical Manufacturing	*	0	*	0	0	0	0	0	0	0
325211	Plastics Materials and Resins	*	0	*	0	0	0	0	0	0	0
325212	Synthetic Rubber	*	*	*	*	*	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
325312	Phosphatic Fertilizers	*	0	*	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	*	*	*	*	0	0	0	0	0	0
325412	Pharmaceutical Preparation	*	0	*	0	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	*	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	0	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	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	0	0
327310	Cements	*	0	*	0	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	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	*
3313	Alumina and Aluminum Production and Processing	*	*	*	*	*	*	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
3314	Nonferrous Metal (except Aluminum) Production and Processing	*	*	*	*	*	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	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	0	0	0	0
332	Fabricated Metal Products	*	*	*	*	*	*	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
335	Electrical Equip., Appliances, and Components	*	0	*	0	0	0	0	0	0	0
336	Transportation Equipment	*	*	*	*	0	0	0	0	0	0
336110	Automobile and Light Duty Motor Vehicle Manufacturing	*	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	0	0
337	Furniture and Related Products	*	0	*	0	0	0	0	0	0	0
339	Miscellaneous	*	*	*	*	*	0	0	0	0	0
	Total	4	1	4	*	*	*	0	0	0	*

	nomic characteristic ^f										
Valu	e of shipments and receipts										
(mill	ion dollars)										
Und	der 20	6	1	5	*	1	*	*	0	0	*
20-4	49	2	*	2	*	*	*	0	0	0	*
50-9		2	*	2	*	*	*	0	0	0	*
)-249	3	*	3	*	*	*	*	0	0	*
250)-499	1	*	1	*	*	*	0	0	0	*
500	and Over	10	1	9	*	1	*	0	0	0	*
Tota		24	2	21	*	2	*	*	0	0	*
	loyment size										
Unc	der 50	6	1	5	*	1	*	*	0	0	*
50-9	99	2	*	2	*	*	*	0	0	0	*
100)-249	5	*	4	*	*	*	*	0	0	*
250)-499	5	*	4	*	*	*	0	0	0	*
500)-999	5	*	5	*	*	*	0	0	0	0

1000 and Over	1	1	1	*	1	*	0	0	0	0
Total	24	2	21	*	2	*	*	0	0	*

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-846, 2022 Manufacturing Energy Consumption Survey, and the Bureau of the Census, data files for the 2022 Economic Census, Manufacturing – Industry Series

Note: Totals may not equal sum of components because of independent rounding.

- ^a The Bureau of the Census classifies establishments using the 2022 North American Industry Classification System (NAICS).
- b Alternative energy sources consist of those energy sources that could have been substituted for HGL (excluding natural gasoline) during 2022. The quantities are expressed in thousands of barrels and therefore represent the quantity of HGL (excluding natural gasoline) that could have been displaced by the given alternative type of energy.
- ^c Total consumed represents those quantities (total inputs) of HGL (excluding natural gasoline) that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.
- ^d Electricity receipts represent 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 have 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 (excluding natural gasoline).
- f Value of shipments and receipts and employment size categories were supplied by the Bureau of the Census.
- * Estimate less than 0.5.

D=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because relative standard error (RSE) is greater than 50%.

NA=Not available.

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure protection of the confidential source data (Project No. 7504703, Disclosure Review Board (DRB) approval number: CBDRB-FY25-0054).

RSE Table 10.12 Relative standard errors for table 10.12

Unit: Percentage

		HGL (exc	Alternative energy sources ^b								
NAICS code ^a	Subsector and industry	Total consumed ^c	Switchable	Not switchable	Electricity receipts ^d	Natural gas	Distillate fuel oil	Residual fuel oil	Coal	Coal coke and breeze	Other ^e
		T									
211	Food	Total United St		20.0	F 2	C. F.	0.0	V	v	V	v
311 3112	Grain and Oilseed Milling	36.4	4.1	38.6 16.8	5.2 0.0	6.5	0.0	X	X	X	X
311221	Wet Corn Milling and Starch Manufacturing	16.5 0.0	V.U	0.0	0.0 X	X	X	Х Х	X	X X	X X
311221	Sugar Manufacturing	0.0	0.0	0.0	0.0	0.0	X		^ X	X	
3114	Fruit and Vegetable Preserving and Specialty Food	11.7	7.3	12.4	44.4	0.0 X		X	^_	x	X X
3114	Dairy Product Manufacturing	77.0	6.6	83.4	0.0	11.3	0.0	X X	X	X	X
3115	Animal Slaughtering and Processing	25.5	1.1	27.4	0.0 X	1.2	0.0 X	^ X	X	X	X
312		9.8	36.9	10.2	37.3	59.4	43.2		^_	X	X
3121	Beverage and Tobacco Products	10.9	36.8	11.4	37.3	59.4	43.2	X	^_	X	X
3122	Beverages Tobacco	0.0	0.0	0.0	37.3 X	39.4 X	45.2 X	X X	^_	X	X
313	Textile Mills	6.4	73.0	6.2	88.7	31.4	X	X	^_	X	^ X
314	Textile Product Mills	55.3	73.0 X	55.3	X				^ X	X	
315	Apparel	27.5	0.0	27.9	0.0	X	X	X X	^_	X	X X
316	Leather and Allied Products	13.6	0.0	13.7	0.0	^ X	0.0	^ X	^ X	X	^ X
321	Wood Products	12.8	47.8	12.9	67.1	53.9	9.9	0.0	^_	X	60.4
321113	Sawmills	9.6	2.2	9.8	4.2	53.9	0.0	0.0	^ X	X	X
321113	Veneer, Plywood, and Engineered Wood Product Manufacturing	8.1	25.5	8.2	24.5	33.3 X	79.1	X	<u>^</u>	X	79.0
321219	Reconstituted Wood Products	26.6	0.0	26.6	0.0	X	0.0	X	^ X	X	75.0 X
321219	Other Wood Products	16.9	83.3	17.0	93.1	^ X	43.7	X	^_	X	93.4
322	Paper	16.6	16.0	16.8	16.0	^ X	0.0	X	^_	X	33.4 X
322110	Pulp Mills	0.0	X	0.0	X	^ X	X	X	^_	X	^ X
322110	Paper Mills	0.0	0.0	0.0	0.0	X	X	X	<u>^</u>	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	X	0.0	X	^ X	X	X
323	Printing and Related Support	22.2	61.9	20.8	95.6	62.1	X	X	^ X	X	X
324	Petroleum and Coal Products	0.1	0.5	0.1	0.0	0.0	30.4	42.7	<u>^</u>	X	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	42.7 X	<u>^</u>	X	X
324121	Asphalt Paving Mixture and Block	6.1	11.2	7.2	X	0.0	30.5	53.1	^ X	X	0.0
324122	Asphalt Shingle and Coating Materials	2.3	0.0	2.4	X	X	30.3	0.0	^ X	X	X
324191	Petroleum Lubricating Oil and Grease Manufacturing	9.3	0.0	10.5	0.0	X	0.0	X	X	X	X
324199	All Other Petroleum and Coal Products Manufacturing	0.0	X	0.0	X	X	X	X	X	X	X
325	Chemicals	4.0	2.2	4.7	54.0	1.5	7.1	X	^ X	X	3.7
325110	Petrochemicals	0.0	0.0	0.0	34.0 X	0.0	7.1 X	X	^ X	X	X
325110	Industrial Gases	66.9	94.4	64.6	94.4	0.0 X	X	X	^ X	X	X
325120	Other Basic Inorganic Chemical Manufacturing	26.1	36.9	26.9	32.8	65.6	0.0	X	<u>^</u>	X	0.0
325193	Ethyl Alcohol	0.5	68.8	0.5	32.8 X	03.0 X	X	X	^ X	X	68.8
323133	Ettiyi / neodiloi	0.3	00.0		^	^		^	^		00.0

325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	Χ	0.0	Χ	Х	Х	Х	Х	Х	Х
325199	All Other Basic Organic Chemical Manufacturing	10.7	3.4	10.8	3.4	0.0	24.7	Х	Х	Х	Х
325211	Plastics Materials and Resins	3.2	71.4	2.2	52.6	91.6	Х	Х	Х	Х	Х
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	0.0	Х	Х	Х	Х
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	Х	Х	Х	Х	Х	Х
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	Х	Х	Х	Х
325312	Phosphatic Fertilizers	0.0	0.0	0.0	Х	0.0	Х	Х	Х	Х	Х
3254	Pharmaceuticals and Medicines	4.5	0.0	4.9	0.0	0.0	0.0	Х	Х	Х	Х
325412	Pharmaceutical Preparation	5.8	0.0	6.4	0.0	0.0	Х	Х	Х	Х	Х
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
326	Plastics and Rubber Products	34.2	76.4	34.3	76.4	Х	Х	Х	Х	Х	Х
327	Nonmetallic Mineral Products	19.6	26.7	19.9	46.9	23.4	34.7	Х	Х	Х	Х
327120	Clay Building Material and Refractories	1.8	3.4	1.8	5.4	0.0	34.7	Х	Х	Х	Х
327211	Flat Glass	0.0	0.0	0.0	Х	0.0	Х	Х	Х	Х	Х
327212	Other Pressed and Blown Glass and Glassware	36.6	0.0	44.3	0.0	0.0	Х	Х	Х	Х	Х
327213	Glass Containers	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
327215	Glass Products from Purchased Glass	28.1	49.8	28.2	49.8	Х	Х	Х	Х	Х	Х
327310	Cements	0.5	0.0	0.5	0.0	Х	Х	Х	Х	Х	Х
327410	Lime	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
327420	Gypsum	6.4	0.0	6.6	0.0	Х	Х	Х	Х	Х	Х
327993	Mineral Wool	67.3	Х	67.3	Х	Х	Х	Х	Х	Х	Х
331	Primary Metals	4.1	4.9	4.3	10.8	4.9	0.0	Х	Х	Х	28.7
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	0.0	Х	Х	Х	0.0
3312	Steel Products from Purchased Steel	9.0	47.9	9.3	49.7	0.0	0.0	Х	Х	X	0.0
3313	Alumina and Aluminum Production and Processing	16.9	0.8	17.8	0.9	0.0	0.0	Х	Х	X	0.0
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	0.0	Х	Х	Х	Х	Х	Х
331315	Aluminum Sheet, Plate and Foils	0.5	0.0	0.5	0.0	Х	0.0	Х	Х	Х	0.0
331318	Other Aluminum Rolling, Drawing and Extruding	26.7	6.8	26.9	7.8	0.0	0.0	Х	Х	Х	Х
3314	Nonferrous Metal (except Aluminum) Production and Processing	5.9	19.2	6.0	23.6	32.4	Х	Х	Х	Х	37.2
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	8.1	0.0	8.1	Х	0.0	Х	Х	Х	Х	0.0
3315	Foundries	4.9	4.2	5.4	13.8	2.8	0.0	Х	Х	Х	42.9
331511	Iron Foundries	1.9	3.7	2.1	18.6	0.1	Х	Х	Х	Х	Х
331523	Nonferrous Metal Die-Casting Foundries	13.9	10.2	14.1	10.2	77.7	Х	Х	Х	Х	Х
331524	Aluminum Foundries, except Die-Casting	17.3	22.2	17.8	22.2	0.0	Х	Х	Х	Х	Х
332	Fabricated Metal Products	21.6	82.0	22.5	92.5	76.5	79.4	Х	Х	Х	Х
333	Machinery	35.3	51.8	37.5	51.8	Х	64.2	Х	Х	Х	Х
334	Computer and Electronic Products	42.9	0.0	43.4	0.0	0.0	Х	Х	Х	Х	Х
334413	Semiconductors and Related Devices	4.6	0.0	6.9	0.0	0.0	Х	Х	Х	Х	Х
335	Electrical Equip., Appliances, and Components	24.7	98.9	24.8	98.9	Х	Х	Х	Х	Х	Х
336	Transportation Equipment	26.7	47.2	27.4	46.7	0.4	60.9	Х	Х	Х	96.7
336110	Automobile and Light Duty Motor Vehicle Manufacturing	0.3	0.0	0.4	0.0	0.0	0.0	Х	Х	Х	Х
3364	Aerospace Product and Parts	14.5	15.2	14.7	12.3	3.6	0.0	Х	Х	Х	96.7
336411	Aircraft	26.3	Х	26.3	Х	Х	Х	Х	Х	Х	Χ
337	Furniture and Related Products	26.1	93.2	26.4	97.5	49.7	Х	Х	Х	Х	Х
339	Miscellaneous	33.6	66.4	33.7	87.5	65.0	99.0	Х	Х	Х	Х
	Total	4.1	3.9	4.6	21.9	1.7	20.7	42.7	Х	Х	24.4

Northeast Census Region

		Northeast Census									
311	Food	40.8	0.7	42.0	33.1	0.0	0.0	Х	Х	Х	Х
3112	Grain and Oilseed Milling	64.4	0.0	64.5	0.0	Х	Х	Х	Х	Х	Х
311221	Wet Corn Milling and Starch Manufacturing	X	Х	Х	Х	Х	Х	Х	Х	Х	Х
31131	Sugar Manufacturing	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
3114	Fruit and Vegetable Preserving and Specialty Food	4.4	0.7	4.9	37.2	Х	0.0	Х	Х	Х	Х
3115	Dairy Product Manufacturing	10.6	0.0	10.6	0.0	0.0	0.0	Х	Х	Х	Х
3116	Animal Slaughtering and Processing	28.2	Х	28.2	Х	Х	Х	Х	Х	Χ	Х
312	Beverage and Tobacco Products	23.3	0.0	24.1	0.0	Х	Х	Х	Х	Х	Х
3121	Beverages	23.6	0.0	24.5	0.0	Х	Х	Х	Х	Х	Х
3122	Tobacco	0.0	Х	0.0	Х	Х	Х	Х	Х	Χ	Х
313	Textile Mills	0.3	X	0.3	Х	Х	Х	Х	Х	Χ	Χ
314	Textile Product Mills	66.2	Х	66.2	Х	Х	Х	Х	Х	Χ	Χ
315	Apparel	0.0	X	0.0	X	Х	Х	X	Х	Х	Х
316	Leather and Allied Products	41.6	X	41.6	X	Х	X	X	Х	Χ	X
321	Wood Products	29.7	0.5	30.5	49.9	0.0	0.0	0.0	Х	Χ	Х
321113	Sawmills	17.2	0.6	18.3	55.5	0.0	0.0	0.0	Х	Χ	X
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	16.5	0.0	16.5	0.0	Х	0.0	X	Х	Χ	Х
321219	Reconstituted Wood Products	0.0	0.0	0.0	0.0	Х	0.0	X	Х	X	Х
3219	Other Wood Products	53.5	0.0	53.9	X	Х	0.0	X	Х	X	Х
322	Paper	19.5	57.9	19.6	57.9	X	X	X	X	Χ	X
322110	Pulp Mills	0.0	X	0.0	X	Х	X	X	Х	X	Х
322120	Paper Mills	0.0	0.0	0.0	0.0	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	51.2	X	51.2	X	X	X	X	X	X	X
324	Petroleum and Coal Products	0.9	61.1	0.4	X	X	61.1	61.1	X	X	X
324110	Petroleum Refineries	0.0	X	0.0	X	X	X	X	X	X	X
324121	Asphalt Paving Mixture and Block	12.4	61.1	3.0	X	X	61.1	61.1	X	X	X
324122	Asphalt Shingle and Coating Materials	0.0	X	0.0	X	X	X	X	X	X	X
324191	Petroleum Lubricating Oil and Grease Manufacturing	31.7	X	31.7	X	X	X	X	X	X	X
324199	All Other Petroleum and Coal Products Manufacturing	0.0	X	0.0	X	X	X	X	X	X	X
325	Chemicals	3.7	1.7	29.4	94.5	0.0	0.0	X	X	X	X
325110	Petrochemicals	0.0	0.0	0.0	X	0.0	X	X	X	X	X
325120	Industrial Gases	0.0	X	0.0	X	X	X	X	X	X	X
325120	Other Basic Inorganic Chemical Manufacturing	5.2	53.7	4.4	53.7	X	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	All Other Basic Organic Chemical Manufacturing	23.4	0.0	24.2	0.0	X	X	X	X	X	X
325211	Plastics Materials and Resins	26.4	X	26.4	X	X	<u>^</u>	X	X	X	X
325211	Synthetic Rubber	0.0	X	0.0	X	X	X	X	X	X	X
325212	Artificial and Synthetic Fibers and Filaments	0.0	X	0.0	X	X	X	X	X	X	X
3253220	Nitrogenous Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
325311	Phosphatic Fertilizers	0.0	^ X	0.0	X	^ X	^ X	^	X	X	^
325312	Pharmaceuticals and Medicines	0.0	0.0	0.5	0.0	0.0	0.0	X	X	X	
325412	Pharmaceutical Preparation	0.5	V.U	0.6	0.0 X	V.U	V.0	^ X		X	X X
325412	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	^ X	0.0	X	X	X	X	X	X	
325992	Plastics and Rubber Products	54.2	95.9	54.2	95.9	^ X	X	^ X	X	X	X
520	PIDSUICS DIEU KUDDEI PIOUUCIS	54.2	95.9	54.2	95.9	Х	Х	Х	Х	X	Х

327	Nonmetallic Mineral Products	41.9	20.8	42.0	23.3	Х	34.7	Х	Х	Х	Х
327120	Clay Building Material and Refractories	1.4	28.8	1.1	33.7	Х	34.7	Х	Х	Х	Х
327211	Flat Glass	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
327212	Other Pressed and Blown Glass and Glassware	60.3	Х	60.3	X	Х	Х	Х	Х	Х	Х
327213	Glass Containers	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
327215	Glass Products from Purchased Glass	1.7	Х	1.7	X	Х	Х	Х	Х	Х	Х
327310	Cements	0.0	0.0	0.0	0.0	Х	Х	Х	Х	Х	Х
327410	Lime	X	Х	Х	Х	Х	Х	Х	Х	Х	Х
327420	Gypsum	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
327993	Mineral Wool	0.0	Х	0.0	Х	Х	X	Х	Х	Х	X
331	Primary Metals	2.1	0.2	2.2	11.6	42.9	0.0	Х	Х	Х	42.9
331110	Iron and Steel Mills and Ferroalloys	0.0	Х	0.0	Х	Х	X	Х	Х	Х	Х
3312	Steel Products from Purchased Steel	13.1	0.0	13.2	0.0	Х	Х	Х	Х	Х	Х
3313	Alumina and Aluminum Production and Processing	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
331314	Secondary Smelting and Alloying of Aluminum	X	Х	X	Х	Х	Х	Х	Х	Х	Х
331315	Aluminum Sheet, Plate and Foils	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
331318	Other Aluminum Rolling, Drawing and Extruding	0.0	Х	0.0	Х	Χ	Х	Х	Х	Χ	Х
3314	Nonferrous Metal (except Aluminum) Production and Processing	9.6	83.1	9.6	83.1	Х	Х	Х	Х	Х	Х
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.1	Х	0.1	Х	Х	X	Х	Х	Х	X
3315	Foundries	1.5	0.1	1.6	27.9	42.9	0.0	Х	Х	Х	42.9
331511	Iron Foundries	2.1	Х	2.1	Х	Х	Х	Х	Х	Х	Х
331523	Nonferrous Metal Die-Casting Foundries	0.2	Х	0.2	Х	Х	Х	Х	Х	Х	Х
331524	Aluminum Foundries, except Die-Casting	5.2	Х	5.2	Х	Χ	Х	Х	Х	Χ	Х
332	Fabricated Metal Products	56.2	62.9	56.4	74.5	94.0	X	Х	Х	Х	X
333	Machinery	88.5	Х	88.5	Х	Х	Х	Х	Х	Х	X
334	Computer and Electronic Products	74.5	Х	74.5	Х	Х	Х	Х	Х	Х	Х
334413	Semiconductors and Related Devices	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
335	Electrical Equip., Appliances, and Components	32.5	Х	32.5	Х	Х	Х	Х	Х	Х	Х
336	Transportation Equipment	67.4	0.0	67.6	0.0	0.0	0.0	Х	Х	Х	Х
336110	Automobile and Light Duty Motor Vehicle Manufacturing	X	X	X	X	Х	Х	Х	Х	Χ	Х
3364	Aerospace Product and Parts	13.5	0.0	13.7	0.0	0.0	Х	Х	Х	Х	Х
336411	Aircraft	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
337	Furniture and Related Products	67.2	98.7	73.1	98.7	Х	Х	Х	Х	Х	Х
339	Miscellaneous	64.6	X	64.6	X	X	X	X	Х	Χ	X
	Total	10.8	2.4	14.6	58.0	0.1	16.1	61.0	X	X	42.9
		Midwest Census	Region								
311	Food	71.1	68.3	71.2	68.3	0.0	Х	Х	Х	Х	Х
3112	Grain and Oilseed Milling	7.9	0.0	8.1	0.0	Х	X	Х	Х	Х	Х
311221	Wet Corn Milling and Starch Manufacturing	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	0.0	Х	Х	Х	Х	Х
3114	Fruit and Vegetable Preserving and Specialty Food	39.0	91.6	39.6	91.6	Х	Х	Х	Х	Х	Х
3115	Dairy Product Manufacturing	98.4	Х	98.4	Х	Х	Х	Х	Х	Х	Х
3116	Animal Slaughtering and Processing	48.5	Х	48.5	Х	Х	Х	Х	Х	Х	Х
312	Beverage and Tobacco Products	38.8	0.0	38.8	Х	Х	Х	Х	Х	Х	Х
3121	Beverages	38.8	Х	38.8	X	Х	Х	Х	Х	Х	Х
3122	Tobacco	Х	0.0	0.0	Х	Х	Х	Х	Х	Х	Х

313	Textile Mills	33.5	0.0	33.5	0.0	Х	Х	Х	Х	Х	Х
314	Textile Product Mills	63.7	Х	63.7	X	Х	Х	Х	Х	Х	Х
315	Apparel	Х	Х	Х	X	Х	Х	Х	Х	Х	Х
316	Leather and Allied Products	7.6	0.0	7.8	0.0	Х	0.0	Х	Х	Х	Х
321	Wood Products	22.5	47.2	22.7	85.9	73.0	0.0	Х	Х	Х	60.4
321113	Sawmills	6.8	54.3	6.8	0.0	73.0	0.0	Х	Х	Х	Х
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	17.3	60.6	17.7	94.4	Х	Х	Х	Х	Х	79.0
321219	Reconstituted Wood Products	9.5	Х	9.5	X	Х	Х	Х	Х	Х	Х
3219	Other Wood Products	35.0	93.4	35.1	X	Х	Х	Х	Х	Х	93.4
322	Paper	30.9	0.0	31.5	0.0	Х	Х	Х	Х	Х	Х
322110	Pulp Mills	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
322120	Paper Mills	0.0	0.0	0.0	0.0	Х	Х	Х	Х	Х	Х
322130	Paperboard Mills	0.0	0.0	0.0	0.0	Х	Х	Х	Х	Х	Х
323	Printing and Related Support	10.3	95.6	10.4	95.6	Х	Х	Х	Х	Х	Х
324	Petroleum and Coal Products	0.2	0.2	0.5	0.0	0.0	54.8	Х	Х	Х	Х
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	Х	Х	Х	Х
324121	Asphalt Paving Mixture and Block	7.3	55.3	6.5	X	Х	55.3	Х	Х	Х	Х
324122	Asphalt Shingle and Coating Materials	5.2	Х	5.2	Х	Х	Х	Х	Х	Χ	Х
324191	Petroleum Lubricating Oil and Grease Manufacturing	4.5	0.0	4.5	0.0	Х	0.0	Х	Х	Х	Х
324199	All Other Petroleum and Coal Products Manufacturing	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
325	Chemicals	40.5	15.8	40.9	25.0	0.0	8.8	Х	Х	Х	3.7
325110	Petrochemicals	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
325120	Industrial Gases	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
325180	Other Basic Inorganic Chemical Manufacturing	13.6	43.1	14.8	43.1	Х	0.0	Х	Х	Χ	0.0
325193	Ethyl Alcohol	1.8	68.8	1.8	X	Х	Х	Х	Х	Х	68.8
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
325199	All Other Basic Organic Chemical Manufacturing	20.3	24.7	21.0	24.7	Х	24.7	Х	Х	Х	Х
325211	Plastics Materials and Resins	4.2	34.8	3.9	34.8	Х	Х	Х	Х	Х	Х
325212	Synthetic Rubber	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
325220	Artificial and Synthetic Fibers and Filaments	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	0.0	Х	Х	Х	Х	Х
325312	Phosphatic Fertilizers	0.0	0.0	0.0	X	0.0	Х	Х	Х	Х	Х
3254	Pharmaceuticals and Medicines	34.5	Х	34.5	X	Х	Х	Х	Х	Х	Х
325412	Pharmaceutical Preparation	63.2	Х	63.2	X	Х	Х	Х	Х	Х	Х
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
326	Plastics and Rubber Products	66.8	Х	66.8	X	Х	Х	Х	Х	Х	Х
327	Nonmetallic Mineral Products	38.8	10.4	38.9	10.4	Х	Х	Х	Х	Х	Х
327120	Clay Building Material and Refractories	4.2	0.0	5.1	0.0	Х	Х	Х	Х	Х	Х
327211	Flat Glass	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
327212	Other Pressed and Blown Glass and Glassware	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
327213	Glass Containers	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
327215	Glass Products from Purchased Glass	19.3	50.5	19.9	50.5	Х	Х	Х	Х	Х	Х
327310	Cements	0.0	Х	0.0	Х	Х	Х	Х	Х	Χ	Х
327410	Lime	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
327420	Gypsum	0.0	Х	0.0	Х	Х	Х	Х	Х	Χ	Х
327993	Mineral Wool	79.4	Х	79.4	Х	Х	Х	Х	Х	Х	Х
331	Primary Metals	6.3	9.6	6.5	12.6	14.7	0.0	Х	X	Х	0.0

331110	Iron and Steel Mills and Ferroalloys	0.0	Х	0.0	Х	Х	Х	Х	Х	Χ	X
3312	Steel Products from Purchased Steel	15.6	68.8	16.2	68.8	X	X	X	X	Х	X
3313	Alumina and Aluminum Production and Processing	29.5	0.0	31.7	0.0	X	0.0	Х	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	0.0	Х	X	Х	Х	X	Χ
331315	Aluminum Sheet, Plate and Foils	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
331318	Other Aluminum Rolling, Drawing and Extruding	42.6	0.0	42.8	0.0	Х	0.0	Х	Х	X	Х
3314	Nonferrous Metal (except Aluminum) Production and Processing	7.2	65.9	7.2	X	71.9	Х	Х	Х	X	0.0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	0.0	X	Х	X	Х	Х	Х	0.0
3315	Foundries	9.8	6.7	11.1	14.0	3.0	X	Х	X	X	X
331511	Iron Foundries	3.3	4.0	4.3	19.1	0.1	X	Х	X	X	Х
331523	Nonferrous Metal Die-Casting Foundries	25.7	10.2	26.4	10.2	X	Х	Х	X	Х	X
331524	Aluminum Foundries, except Die-Casting	38.5	22.2	41.4	22.2	0.0	X	Х	Х	Х	Х
332	Fabricated Metal Products	37.3	94.8	37.6	98.5	Х	98.5	Х	Х	Х	Х
333	Machinery	32.3	56.4	38.9	56.4	Х	64.2	Х	Х	Х	Х
334	Computer and Electronic Products	47.1	0.0	49.3	Х	0.0	X	Х	X	X	Х
334413	Semiconductors and Related Devices	0.1	0.0	0.1	Х	0.0	Х	Х	X	X	X
335	Electrical Equip., Appliances, and Components	38.6	98.9	38.8	98.9	X	X	Х	X	X	Х
336	Transportation Equipment	41.6	51.1	44.1	52.7	0.0	66.2	Х	Х	X	Х
336110	Automobile and Light Duty Motor Vehicle Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	Х	X	X	Х
3364	Aerospace Product and Parts	5.6	30.6	5.8	30.6	Х	X	Х	X	X	Χ
336411	Aircraft	7.9	X	7.9	Х	X	X	Х	X	X	X
337	Furniture and Related Products	40.4	X	40.4	Х	Х	Х	Х	Х	Х	Х
339	Miscellaneous	50.5	X	50.5	Х	Х	Х	Х	Х	Х	Χ
	Total	15.2	4.9	17.6	33.9	0.2	47.4	Х	X	X	42.4
		South Census Re	gion								
311	Food	South Census Re	gion 6.4	26.4	88.0	6.5	Х	X	X	X	X
311 3112	Food Grain and Oilseed Milling					6.5 X	X	X X	X	X	X
		22.6	6.4	26.4	88.0						Х
3112	Grain and Oilseed Milling	22.6 10.3	6.4 0.0	26.4 11.0	88.0 0.0	Х	Х	Х	Χ	Х	
3112 311221	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing	22.6 10.3 0.0	6.4 0.0 X	26.4 11.0 0.0	88.0 0.0 X	X	X	X X	X X	X X	X X
3112 311221 31131	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing	22.6 10.3 0.0 0.0	6.4 0.0 X X	26.4 11.0 0.0 0.0	88.0 0.0 X X	X X X	X X X	X X X	X X X	X X X	X X X
3112 311221 31131 3114	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food	22.6 10.3 0.0 0.0 19.8	6.4 0.0 X X	26.4 11.0 0.0 0.0 19.8	88.0 0.0 X X	X X X	X X X	X X X	X X X	X X X	X X X X
3112 311221 31131 3114 3115	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing	22.6 10.3 0.0 0.0 19.8 36.2	6.4 0.0 X X X 11.3	26.4 11.0 0.0 0.0 19.8 83.1	88.0 0.0 X X X	X X X X 11.3	X X X X X	X X X X	X X X X	X X X X	X X X X X
3112 311221 31131 3114 3115 3116	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing	22.6 10.3 0.0 0.0 19.8 36.2 33.1	6.4 0.0 X X X 11.3	26.4 11.0 0.0 0.0 19.8 83.1 37.0	88.0 0.0 X X X X	X X X X 11.3	X X X X X	X X X X X	X X X X X	X X X X X	X X X X
3112 311221 31131 3114 3115 3116 312	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products	22.6 10.3 0.0 0.0 19.8 36.2 33.1 9.7	6.4 0.0 X X X 11.3 1.1 46.9	26.4 11.0 0.0 0.0 19.8 83.1 37.0	88.0 0.0 X X X X X X X X 50.2	X X X X 11.3 1.2 59.4	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X
3112 311221 31131 3114 3115 3116 312 3121	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages	22.6 10.3 0.0 0.0 19.8 36.2 33.1 9.7 14.1	6.4 0.0 X X X 11.3 1.1 46.9	26.4 11.0 0.0 0.0 19.8 83.1 37.0 9.2	88.0 0.0 X X X X X X 50.2	X X X 11.3 1.2 59.4 59.4	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X X
3112 311221 31131 3114 3115 3116 312 3121 3122	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco	22.6 10.3 0.0 0.0 19.8 36.2 33.1 9.7 14.1	6.4 0.0 X X X 11.3 1.1 46.9 46.9 X	26.4 11.0 0.0 0.0 19.8 83.1 37.0 9.2 14.3	88.0 0.0 X X X X X 50.2	X X X X 11.3 1.2 59.4 59.4	X X X X X X X X	X X X X X X X	X X X X X X X	X X X X X X X	X X X X X X X
3112 311221 31131 3114 3115 3116 312 3121 3122 313	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills	22.6 10.3 0.0 0.0 19.8 36.2 33.1 9.7 14.1 0.0	6.4 0.0 X X X 11.3 1.1 46.9 46.9 X 74.9	26.4 11.0 0.0 0.0 19.8 83.1 37.0 9.2 14.3 0.0	88.0 0.0 X X X X X 50.2 50.2 X 91.6	X X X X 11.3 1.2 59.4 59.4 X 31.4	X X X X X X X X X	X X X X X X X X	X X X X X X X	X X X X X X X X	X X X X X X X X X
3112 311221 31131 3114 3115 3116 312 3121 3122 313 314	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills	22.6 10.3 0.0 0.0 19.8 36.2 33.1 9.7 14.1 0.0 23.9	6.4 0.0 X X X 11.3 1.1 46.9 46.9 X 74.9	26.4 11.0 0.0 0.0 19.8 83.1 37.0 9.2 14.3 0.0 25.5	88.0 0.0 X X X X 50.2 50.2 X 91.6 X	X X X X 11.3 1.2 59.4 59.4 X 31.4	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X X
3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel	22.6 10.3 0.0 0.0 19.8 36.2 33.1 9.7 14.1 0.0 23.9 57.7 39.4	6.4 0.0 X X X 11.3 1.1 46.9 46.9 X 74.9 X	26.4 11.0 0.0 0.0 19.8 83.1 37.0 9.2 14.3 0.0 25.5 57.7	88.0 0.0 X X X X 50.2 50.2 X 91.6 X	X X X X 11.3 1.2 59.4 59.4 X 31.4 X	X X X X X X X X X X	X X X X X X X X X X	X X X X X X X X X X	X X X X X X X X X	X X X X X X X X X X X
3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315 316	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products	22.6 10.3 0.0 0.0 19.8 36.2 33.1 9.7 14.1 0.0 23.9 57.7 39.4 24.2	6.4 0.0 X X X 11.3 1.1 46.9 46.9 X 74.9 X	26.4 11.0 0.0 0.0 19.8 83.1 37.0 9.2 14.3 0.0 25.5 57.7 40.1 24.2	88.0 0.0 X X X X X 50.2 50.2 X 91.6 X	X X X X 11.3 1.2 59.4 59.4 X 31.4 X	X X X X X X X X X X	X X X X X X X X X X	X X X X X X X X X X X	X X X X X X X X X X	X X X X X X X X X X X X X
3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315 316 321	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products	22.6 10.3 0.0 0.0 19.8 36.2 33.1 9.7 14.1 0.0 23.9 57.7 39.4 24.2 22.1	6.4 0.0 X X X 11.3 1.1 46.9 46.9 X 74.9 X 0.0 X	26.4 11.0 0.0 0.0 19.8 83.1 37.0 9.2 14.3 0.0 25.5 57.7 40.1 24.2 22.1	88.0 0.0 X X X X 50.2 50.2 X 91.6 X 0.0 X	X X X X 11.3 1.2 59.4 59.4 X 31.4 X X	X X X X X X X X X X X X X X X X X	X X X X X X X X X X X	X X X X X X X X X X X	X X X X X X X X X X X	X X X X X X X X X X X X X X X
3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315 316 321 321113	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills	22.6 10.3 0.0 0.0 19.8 36.2 33.1 9.7 14.1 0.0 23.9 57.7 39.4 24.2 22.1 17.2	6.4 0.0 X X X 11.3 1.1 46.9 46.9 X 74.9 X 0.0 X 61.7	26.4 11.0 0.0 0.0 19.8 83.1 37.0 9.2 14.3 0.0 25.5 57.7 40.1 24.2 22.1 17.3	88.0 0.0 X X X X 50.2 50.2 X 91.6 X 0.0 X 66.2	X X X X 11.3 1.2 59.4 59.4 X 31.4 X X 0.0	X X X X X X X X X X X X X X 0.00	X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X
3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315 316 321 321113 3212 321219 3219	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing	22.6 10.3 0.0 0.0 19.8 36.2 33.1 9.7 14.1 0.0 23.9 57.7 39.4 24.2 22.1 17.2 11.1 37.6 26.3	6.4 0.0 X X X 11.3 1.1 46.9 46.9 X 74.9 X 0.0 X 61.7 0.0 80.4 X	26.4 11.0 0.0 0.0 19.8 83.1 37.0 9.2 14.3 0.0 25.5 57.7 40.1 24.2 22.1 17.3 11.1 37.6 26.4	88.0 0.0 X X X X X X S0.2 50.2 X 91.6 X 0.0 X 66.2 0.0 80.4 X 96.1	X X X X 11.3 1.2 59.4 59.4 X 31.4 X X X X 0.0 0.0 X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X
3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315 316 321 321113 3212 321219	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products	22.6 10.3 0.0 0.0 19.8 36.2 33.1 9.7 14.1 0.0 23.9 57.7 39.4 24.2 22.1 17.2 11.1 37.6	6.4 0.0 X X X 11.3 1.1 46.9 46.9 X 74.9 X 0.0 X 61.7 0.0 80.4 X	26.4 11.0 0.0 0.0 19.8 83.1 37.0 9.2 14.3 0.0 25.5 57.7 40.1 24.2 22.1 17.3 11.1 37.6	88.0 0.0 X X X X 50.2 50.2 X 91.6 X 0.0 X 66.2 0.0 80.4	X X X X 11.3 1.2 59.4 59.4 X 31.4 X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X

322120	Paper Mills	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
322130	Paperboard Mills	0.0	0.0	0.0	0.0	Х	0.0	Х	Х	Х	X
323	Printing and Related Support	37.4	62.1	37.8	Х	62.1	Х	Х	Х	Х	X
324	Petroleum and Coal Products	0.1	2.1	0.1	0.0	0.0	27.9	17.1	Х	Х	X
324110	Petroleum Refineries	0.0	0.0	0.0	Х	0.0	Х	Х	Х	Х	Х
324121	Asphalt Paving Mixture and Block	5.7	5.7	17.3	Х	0.0	27.9	47.3	Х	Х	Х
324122	Asphalt Shingle and Coating Materials	4.1	0.0	4.4	Х	Х	Х	0.0	Х	Х	Х
324191	Petroleum Lubricating Oil and Grease Manufacturing	5.7	0.0	7.3	0.0	Х	Х	Х	Х	Х	Х
324199	All Other Petroleum and Coal Products Manufacturing	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
325	Chemicals	1.0	51.3	0.8	42.6	71.5	0.0	Х	Х	Х	Х
325110	Petrochemicals	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
325120	Industrial Gases	92.0	94.4	1.6	94.4	Х	Х	Х	Х	Х	Х
325180	Other Basic Inorganic Chemical Manufacturing	31.2	65.6	31.8	65.6	65.6	Х	Х	Х	Х	Х
325193	Ethyl Alcohol	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
325199	All Other Basic Organic Chemical Manufacturing	17.9	0.0	18.1	0.0	0.0	Х	Х	Х	Х	Х
325211	Plastics Materials and Resins	3.4	80.1	2.3	96.9	91.6	Х	Х	Х	Х	Х
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	Х	0.0	Х	Х	Х	Х
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	Х	Х	Х	Х	Х	Х
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	Х	Х	Х	Х	Х	Х
325312	Phosphatic Fertilizers	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
3254	Pharmaceuticals and Medicines	0.8	0.0	2.1	0.0	0.0	Х	Х	Х	Х	Х
325412	Pharmaceutical Preparation	0.0	0.0	0.0	0.0	0.0	Х	Х	Х	Х	Х
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	Х	0.0	X	Х	Х	Х	X	Х	Χ
326	Plastics and Rubber Products	50.5	89.7	50.8	89.7	Х	Х	Х	Х	Х	Χ
327	Nonmetallic Mineral Products	11.8	32.5	12.5	53.3	29.2	Х	Х	Х	Х	Х
327120	Clay Building Material and Refractories	2.2	0.0	2.2	X	0.0	Х	Х	Х	Х	Х
327211	Flat Glass	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
327212	Other Pressed and Blown Glass and Glassware	50.7	0.0	73.0	0.0	0.0	Х	Х	Х	Х	Х
327213	Glass Containers	0.0	Х	0.0	Х	Х	Х	Х	X	Х	Х
327215	Glass Products from Purchased Glass	49.8	0.0	49.8	0.0	Х	Х	Х	Х	Х	Х
327310	Cements	2.2	Х	2.2	X	Х	Х	Х	Х	Х	Х
327410	Lime	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
327420	Gypsum	10.8	0.0	11.2	0.0	Х	Х	Х	Х	Х	Х
327993	Mineral Wool	0.2	Х	0.2	X	Х	Х	Х	Х	Х	Х
331	Primary Metals	2.4	6.5	2.6	24.5	0.2	0.0	Х	Х	Х	30.4
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	0.0	Х	Х	Х	0.0
3312	Steel Products from Purchased Steel	10.4	66.1	10.7	73.0	Х	0.0	Х	Х	Х	Х
3313	Alumina and Aluminum Production and Processing	2.0	5.9	2.0	14.6	Х	0.0	Х	Х	Х	0.0
331314	Secondary Smelting and Alloying of Aluminum	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
331315	Aluminum Sheet, Plate and Foils	1.4	0.0	1.5	0.0	Х	0.0	Х	Х	Х	0.0
331318	Other Aluminum Rolling, Drawing and Extruding	4.4	66.9	4.4	66.9	Х	Х	Х	Х	Х	Х
3314	Nonferrous Metal (except Aluminum) Production and Processing	6.7	17.2	7.4	26.1	0.0	Х	Х	X	Х	39.4
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	19.3	Х	19.3	Х	X	X	X	X	Х	X
3315	Foundries	4.4	23.9	4.4	86.1	35.1	0.0	X	X	Χ	X
331511	Iron Foundries	5.0	Х	5.0	Х	Х	X	X	X	Х	X
331523	Nonferrous Metal Die-Casting Foundries	7.8	77.7	7.8	X	77.7	X	X	X	Χ	X

331524	Aluminum Foundries, except Die-Casting	12.6	Х	12.6	X	0.0	Х	Х	Х	Х	Х
332	Fabricated Metal Products	38.0	83.7	38.6	Х	Х	83.7	Х	Х	Х	Х
333	Machinery	67.7	Х	67.7	Х	Х	Х	Х	Х	Х	>
334	Computer and Electronic Products	51.7	0.0	52.2	Х	0.0	Х	X	Х	X	>
334413	Semiconductors and Related Devices	0.0	0.0	0.0	Х	0.0	Х	Х	Х	Х	>
335	Electrical Equip., Appliances, and Components	43.9	Х	43.9	Х	Х	Х	Х	Х	Х	>
336	Transportation Equipment	27.9	30.0	28.0	Х	53.3	0.0	X	Х	X	96.7
336110	Automobile and Light Duty Motor Vehicle Manufacturing	0.0	Х	0.0	Х	Х	Х	Х	Х	X	>
3364	Aerospace Product and Parts	36.6	76.5	36.8	X	53.3	0.0	Х	Х	Х	96.7
336411	Aircraft	52.9	X	52.9	X	Х	Х	Х	Х	Х	>
337	Furniture and Related Products	41.2	49.7	41.6	49.7	49.7	Х	X	Х	X	>
339	Miscellaneous	57.1	99.0	57.4	X	99.0	99.0	Х	Х	Х	>
	Total	3.8	7.1	3.8	18.7	8.0	26.8	17.1	X	X	29.7
		West Census Re	gion								
311	Food	11.7	0.1	16.1	0.1	Х	0.0	Х	Х	Х	Х
3112	Grain and Oilseed Milling	39.6	Х	39.6	X	Х	Х	Х	Х	Х	>
311221	Wet Corn Milling and Starch Manufacturing	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	>
31131	Sugar Manufacturing	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	>
3114	Fruit and Vegetable Preserving and Specialty Food	18.5	3.6	18.9	3.6	Х	Х	X	Х	X	>
3115	Dairy Product Manufacturing	0.8	0.0	8.1	0.0	Х	0.0	Х	Х	X	>
3116	Animal Slaughtering and Processing	63.9	Х	63.9	Х	Х	Х	Х	Х	X	>
312	Beverage and Tobacco Products	17.8	50.1	17.9	50.1	Х	43.2	Χ	Х	Х	X
3121	Beverages	17.8	50.1	17.9	50.1	Х	43.2	Х	Х	X	Х
3122	Tobacco	X	Х	Х	Х	Х	Х	Х	Х	X	Х
313	Textile Mills	5.5	83.1	2.9	83.1	Х	Х	Х	Х	Х	Х
314	Textile Product Mills	98.8	X	98.8	X	Х	Х	Х	Х	Х	Х
315	Apparel	X	X	Х	X	Х	Х	Х	Х	Х	Х
316	Leather and Allied Products	0.0	X	0.0	X	X	X	Χ	X	X)
321	Wood Products	16.9	73.4	16.4	73.4	X	Х	Х	Х	Х)
321113	Sawmills	17.8	3.9	18.2	3.9	X	X	Χ	X	X)
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	16.6	25.1	17.0	25.1	X	X	X	X	X	· · · · · · · · · · · · · · · · · · ·
321219	Reconstituted Wood Products	0.0	X	0.0	X	X	X	X	X	X)
3219	Other Wood Products	34.0	97.3	33.7	97.3	X	X	X	X	Х	>
322	Paper	34.6	12.2	34.8	12.2	X	X	X	X	X	· · · · · · · · · · · · · · · · · · ·
322110	Pulp Mills	X	X	X	X	X	X	X	X	Х	>
322120	Paper Mills	0.0	0.0	0.0	0.0	X	X	X	X	X)
322130	Paperboard Mills	0.0	X	0.0	X	X	X	X	X	Х	×
323	Printing and Related Support	46.7	X	46.7	X	X	X	X	X	X	X
324	Petroleum and Coal Products	0.3	0.0	0.4	X	0.0	0.0	X	X	X	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	X	0.0	X	X	X	X	X
324121	Asphalt Paving Mixture and Block	12.7	0.0	12.7	X	X	0.0	X	X	X	0.0
324122	Asphalt Shingle and Coating Materials	0.8	X	0.8	X	X	X	X	X	X	>
324191	Petroleum Lubricating Oil and Grease Manufacturing	0.0	X	0.0	X	X	X	X	X	X	>
324199	All Other Petroleum and Coal Products Manufacturing	0.0	X	0.0	X	X	X	X	X	X	X
325	Chemicals	7.0	18.9	7.1	20.1	0.0	0.0	X	X	X	X
325110	Petrochemicals	X	X	X	X	X	X	Х	Χ	Х	X

325120	Industrial Gases	69.1	Х	69.1	Х	Х	Х	Х	Х	Х	Χ
325180	Other Basic Inorganic Chemical Manufacturing	38.0	48.9	38.3	48.9	Х	Х	Х	Х	Х	Х
325193	Ethyl Alcohol	0.0	Х	0.0	Х	Х	Х	Х	Х	Х	Х
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
325199	All Other Basic Organic Chemical Manufacturing	0.3	Х	0.3	X	Х	Х	Х	Х	Х	Х
325211	Plastics Materials and Resins	20.5	Х	20.5	X	Х	Х	Х	Х	Х	Х
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	Х	Х	Х	Х	Х
325220	Artificial and Synthetic Fibers and Filaments	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	X	0.0	X	Х	X	Х
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	5.4	0.0	5.4	0.0	X	X	X	X	X	X
325412	Pharmaceutical Preparation	49.0	X	49.0	X	X	X	X	X	X	X
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	X	0.0	X	X	Х	X	X	X	Х
326	Plastics and Rubber Products	66.3	90.0	66.6	90.0	X	Х	X	X	X	X
327	Nonmetallic Mineral Products	47.7	0.0	48.1	0.0	0.0	Х	X	X	X	X
327120	Clay Building Material and Refractories	9.2	0.0	9.7	X	0.0	Х	X	X	X	X
327211	Flat Glass	0.0	0.0	0.0	X	0.0	Х	Х	Х	X	X
327212	Other Pressed and Blown Glass and Glassware	7.8	0.0	7.8	0.0	X	X	X	X	X	Х
327213	Glass Containers	0.0	X	0.0	X	X	X	X	X	X	Х
327215	Glass Products from Purchased Glass	21.0	X	21.0	X	X	Х	X	Х	X	Х
327310	Cements	0.0	X	0.0	X	X	Х	X	Х	X	Х
327410	Lime	0.0	X	0.0	X	X	Х	X	Х	X	Х
327420	Gypsum	0.0	Х	0.0	X	Х	Х	X	Х	Х	Χ
327993	Mineral Wool	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
331	Primary Metals	3.0	5.1	3.1	8.3	0.0	0.0	X	Х	X	0.0
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	Х	Х	X	Х	X	Х
3312	Steel Products from Purchased Steel	38.4	0.0	38.7	0.0	0.0	0.0	X	Х	X	0.0
3313	Alumina and Aluminum Production and Processing	0.6	0.0	0.7	0.0	0.0	0.0	X	Х	X	Х
331314	Secondary Smelting and Alloying of Aluminum	0.0	X	0.0	X	X	Х	X	Х	X	Х
331315	Aluminum Sheet, Plate and Foils	0.0	Х	0.0	X	Х	Х	Х	Х	Х	Х
331318	Other Aluminum Rolling, Drawing and Extruding	1.3	0.0	1.5	0.0	0.0	0.0	Х	Х	Х	Х
3314	Nonferrous Metal (except Aluminum) Production and Processing	0.4	19.2	0.1	20.8	0.0	Х	Х	Х	Х	Х
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.1	0.0	0.1	X	0.0	Х	Х	Х	Х	Х
3315	Foundries	1.5	2.4	1.6	31.1	0.0	Х	X	Х	X	Х
331511	Iron Foundries	1.6	2.4	2.2	31.1	0.0	Х	X	Х	X	Х
331523	Nonferrous Metal Die-Casting Foundries	8.1	Х	8.1	X	Х	Х	Х	Х	Х	Х
331524	Aluminum Foundries, except Die-Casting	0.6	Х	0.6	X	Х	Х	Х	Х	Х	Х
332	Fabricated Metal Products	37.5	89.2	35.7	99.5	76.6	99.5	X	Х	X	Х
333	Machinery	58.6	99.0	60.3	99.0	X	Х	X	Х	X	Х
334	Computer and Electronic Products	7.2	0.0	7.3	0.0	X	Х	X	Х	X	Х
334413	Semiconductors and Related Devices	15.3	0.0	16.8	0.0	X	Х	X	Х	X	Х
335	Electrical Equip., Appliances, and Components	98.4	Х	98.4	X	Х	Х	X	Х	Х	Χ
336	Transportation Equipment	43.7	62.6	44.3	62.6	Х	Х	Х	X	X	Х
336110	Automobile and Light Duty Motor Vehicle Manufacturing	27.9	X	27.9	X	X	Х	X	X	X	Х
3364	Aerospace Product and Parts	19.5	18.7	19.7	18.7	X	Х	X	X	X	Х
336411	Aircraft	33.5	X	33.5	X	X	X	X	X	X	Х
337	Furniture and Related Products	49.0	X	49.0	X	X	X	X	X	X	X

9	Miscellaneous	50.6	74.1	51.7	87.5	86.0	X	Χ	Х	X	X
	Total	5.0	15.1	5.3	49.0	7.8	38.7	Х	Х	Χ	0.0
	Face and about about the										
	Economic characteristic										
	Value of shipments and receipts										
	(million dollars)										
	Under 20	12.2	2.0	14.3	35.3	0.2	25.9	50.5	Х	Х	53.9
	20-49	15.1	62.3	15.5	65.6	79.9	47.1	Х	Х	Χ	0.0
	50-99	21.1	42.8	21.5	23.7	87.2	2.7	Х	Х	Х	16.0
	100-249	13.9	23.7	14.3	22.6	35.0	14.6	0.0	Х	Х	0.0
	250-499	11.2	5.7	12.5	12.2	6.3	0.0	Х	Х	Х	30.4
	500 and Over	0.8	2.9	0.8	35.6	0.1	29.1	Х	Х	Х	0.0
	Total	4.1	3.9	4.6	21.9	1.7	20.7	42.7	Х	Х	24.4
	Employment size										
	Under 50	12.3	1.9	14.5	38.7	0.2	25.6	50.5	Х	Х	45.1
	50-99	13.5	20.4	14.1	44.8	19.1	50.9	Х	Х	Х	0.0
	100-249	9.3	55.9	9.4	56.7	68.7	47.5	0.0	Х	Х	30.5
	250-499	8.2	1.0	8.9	20.3	0.4	0.0	Х	Х	Х	0.0
	500-999	1.6	12.3	1.6	48.6	6.7	0.0	Х	Х	Х	Х
	1000 and Over	5.9	3.4	10.2	48.9	0.1	50.8	Х	Х	Х	Х
	Total	4.1	3.9	4.6	21.9	1.7	20.7	42.7	Х	Χ	24.4

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-846, 2022 Manufacturing Energy Consumption Survey, and the Bureau of the Census, data files for the 2022 Economic Census, Manufacturing – Industry Series

Note: Totals may not equal sum of components because of independent rounding.

D=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because relative standard error (RSE) is greater than 50%.

NA=Not available.

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

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure protection of the confidential source data (Project No. 7504703, Disclosure Review Board (DRB) approval number: CBDRB-FY25-0054).

^a The Bureau of the Census classifies establishments using the 2022 North American Industry Classification System (NAICS).

^b Alternative energy sources consist of those energy sources that could have been substituted for HGL (excluding natural gasoline) during 2022. The quantities are expressed in thousands of barrels and therefore represent the quantity of HGL (excluding natural gasoline) that could have been displaced by the given alternative type of energy.

^c Total consumed represents those quantities (total inputs) of HGL (excluding natural gasoline) that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

^d Electricity receipts represent 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 have 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 (excluding natural gasoline).

f Value of shipments and receipts and employment size categories were supplied by the Bureau of the Census.

^{*} Estimate less than 0.5.