

Released: August 2025  
Next MECS will be fielded in 2027

Table 10.8 Capability to switch distillate fuel oil to alternative energy sources, 2022

Level: National and regional data  
Row: NAICS codes  
Column: Energy sources  
Unit: Thousand barrels

NAICS code <sup>a</sup>	Subsector and industry	Distillate fuel oil			Alternative energy sources <sup>b</sup>						
		Total consumed <sup>c</sup>	Switchable	Not switchable	Electricity receipts <sup>d</sup>	Natural gas	Residual fuel oil	Coal	HGL (excluding natural gasoline)	Coal coke and	Other <sup>e</sup>
										breeze	
Total United States											
311	Food	3	*	2	*	*	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
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 Manufacturing	*	*	*	*	*	0	0	*	0	*
3116	Animal Slaughtering and Processing	1	*	1	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
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	0	0
316	Leather and Allied Products	*	*	*	0	*	0	0	0	0	0
321	Wood Products	2	*	2	*	*	*	0	*	0	*
321113	Sawmills	1	*	1	*	0	*	0	0	0	*
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	*	0	*	0	0	0	0	0	0	0
321219	Reconstituted Wood Products	*	0	*	0	0	0	0	0	0	0
3219	Other Wood Products	*	*	*	*	*	0	0	*	0	*
322	Paper	1	*	1	*	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	*
323	Printing and Related Support	*	0	*	0	0	0	0	0	0	0
324	Petroleum and Coal Products	1	*	1	*	*	*	0	*	0	*
324110	Petroleum Refineries	1	*	*	*	0	0	0	*	0	*
324121	Asphalt Paving Mixture and Block	1	*	1	*	*	*	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	0	0
324199	All Other Petroleum and Coal Products Manufacturing	*	*	*	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	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	*
325211	Plastics Materials and Resins	*	*	*	*	*	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
325312	Phosphatic Fertilizers	1	0	1	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
326	Plastics and Rubber Products	*	*	*	0	*	0	0	0	0	0
327	Nonmetallic Mineral Products	3	*	3	*	0	0	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	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	1	*	1	*	0	0	0	0	0	*
327410	Lime	*	*	*	*	0	0	0	0	0	0
327420	Gypsum	*	*	*	*	0	0	0	0	0	0
327993	Mineral Wool	*	*	*	*	0	0	0	0	0	*
331	Primary Metals	1	*	1	*	0	0	0	*	0	*
331110	Iron and Steel Mills and Ferroalloys	1	*	1	*	0	0	0	*	0	0
3312	Steel Products from Purchased Steel	*	0	*	0	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
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	*
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	*	*	*	0	0	0	0	0	0	*
3315	Foundries	*	*	*	0	0	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	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	1	*	1	*	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	0	0
336	Transportation Equipment	*	*	*	*	*	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	0	0	0
	Total	14	*	13	*	*	*	*	*	0	*

Northeast Census Region

311	Food	*	*	*	0	*	0	0	0	0	0
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3112	Grain and Oilseed Milling	*	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
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	0	0	0
3115	Dairy Product Manufacturing	*	*	*	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	0
3121	Beverages	*	0	*	0	0	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	*
314	Textile Product Mills	0	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
321	Wood Products	*	*	*	0	0	*	0	*	0	0
321113	Sawmills	*	*	*	0	0	*	0	0	0	0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	*	0	*	0	0	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	0
322	Paper	*	0	*	0	0	0	0	0	0	0
322110	Pulp Mills	0	0	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	0	0	0
323	Printing and Related Support	*	0	*	0	0	0	0	0	0	0
324	Petroleum and Coal Products	*	*	*	*	*	0	0	0	0	*
324110	Petroleum Refineries	*	0	*	0	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
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	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	0	0	0	0
325193	Ethyl Alcohol	0	0	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	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
325212	Synthetic Rubber	0	0	0	0	0	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	0	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	0	0
325412	Pharmaceutical Preparation	*	*	*	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	0	0
327211	Flat Glass	0	0	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
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	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	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	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	*	0	*	0	0	0	0	0	0	0
3315	Foundries	*	*	*	0	0	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	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	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	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	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	2	*	2	*	*	*	0	*	0	*

Midwest Census Region

311	Food	1	*	1	*	*	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
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 Manufacturing	*	0	*	0	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	0
3121	Beverages	*	*	*	0	*	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	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	0
321	Wood Products	*	*	*	*	*	0	0	*	0	*
321113	Sawmills	*	*	*	*	0	0	0	0	0	*

3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	*	0	*	0	0	0	0	0	0	0
321219	Reconstituted Wood Products	*	0	*	0	0	0	0	0	0	0
3219	Other Wood Products	*	*	*	*	*	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	0	0	0	0
324	Petroleum and Coal Products	*	*	*	*	0	0	0	*	0	0
324110	Petroleum Refineries	*	*	*	*	0	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	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	0	0
325180	Other Basic Inorganic Chemical Manufacturing	*	0	*	0	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	*
325211	Plastics Materials and Resins	*	0	*	0	0	0	0	0	0	0
325212	Synthetic Rubber	0	0	0	0	0	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	0	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	0	0
325412	Pharmaceutical Preparation	*	*	*	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	*
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	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
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	*	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	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
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	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	*	0	*	0	0	0	0	0	0	0

3315	Foundries	*	0	*	0	0	0	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	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	0	0	0
333	Machinery	*	*	*	*	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	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	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	3	*	3	*	*	*	0	*	0	*

South Census Region

311	Food	1	*	1	0	*	0	0	0	0	0
3112	Grain and Oilseed Milling	*	0	*	0	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	0	0
3116	Animal Slaughtering and Processing	*	*	*	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	0	0
3122	Tobacco	*	*	*	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	0	0
316	Leather and Allied Products	*	0	*	0	0	0	0	0	0	0
321	Wood Products	1	*	1	0	*	0	0	0	0	*
321113	Sawmills	1	0	1	0	0	0	0	0	0	0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	*	0	*	0	0	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	0	0	0
322	Paper	*	0	*	0	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	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	*	*	*	0	*	0	0	0	*
324110	Petroleum Refineries	*	*	*	*	0	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	0	0	0
324199	All Other Petroleum and Coal Products Manufacturing	*	*	*	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	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
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
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
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	*	*	*	0	*	0	0	0	0	0
327	Nonmetallic Mineral Products	2	*	2	*	0	0	0	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	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
327420	Gypsum	*	*	*	*	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	*	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	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
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
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	*	0	*	0	0	0	0	0	0	0
3315	Foundries	*	0	*	0	0	0	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	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	0
333	Machinery	*	0	*	0	0	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	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	0	0	0

[illegible]



327	Nonmetallic Mineral Products	*	0	*	0	0	0	0	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	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	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	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	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
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	*
3315	Foundries	*	0	*	0	0	0	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	0	0
331524	Aluminum Foundries, except Die-Casting	0	0	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	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	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	0	0
339	Miscellaneous	*	0	*	0	0	0	0	0	0	0
Total		2	*	2	*	*	*	0	*	0	*

Economic characteristic

Value of shipments and receipts											
(million dollars)											
Under 20	3	*	3	*	0	*	0	*	0	*	*
20-49	1	*	1	*	*	0	*	*	0	*	*
50-99	2	*	2	*	*	0	*	*	0	*	*
100-249	2	*	2	*	*	0	0	*	0	*	*
250-499	1	*	1	*	*	*	0	*	0	*	*
500 and Over	4	*	4	*	*	*	0	*	0	*	*
Total	14	*	13	*	*	*	*	*	0	*	*

Employment size										
Under 50	4	*	4	*	*	*	0	*	0	*
50-99	1	*	1	*	*	0	0	*	0	*
100-249	3	*	3	*	*	0	0	*	0	*
250-499	1	*	1	*	*	*	*	*	0	*
500-999	2	*	2	*	*	0	0	*	0	*
1000 and Over	2	*	2	*	*	*	0	*	0	*
Total	14	*	13	*	*	*	*	*	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.

<sup>a</sup> The Bureau of the Census classifies establishments using the 2022 North American Industry Classification System (NAICS).

<sup>b</sup> *Alternative energy sources* consist of those energy sources that could have been substituted for distillate fuel oil during 2022. The quantities are expressed in thousands of barrels and therefore represent the quantity of distillate fuel oil that could have been displaced by the given alternative type of energy.

<sup>c</sup> *Total consumed* represents those quantities (total inputs) of distillate fuel oil that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

<sup>d</sup> *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.

<sup>e</sup> *Other* includes all other types of energy not already identified that respondents indicated could have been consumed in place of distillate fuel oil.

<sup>f</sup> *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 10.8    Relative standard errors for table 10.8  
Unit: Percentage

NAICS code <sup>a</sup>	Subsector and industry	Distillate fuel oil			Alternative energy sources <sup>b</sup>						
		Total consumed <sup>c</sup>	Switchable	Not switchable	Electricity receipts <sup>d</sup>	Natural gas	Residual fuel oil	Coal	HGL (excluding natural gasoline)	Coal coke and breeze	
											Other <sup>e</sup>
Total United States											
311	Food	20.2	2.1	20.7	0.0	3.3	X	X	0.0	X	8.1
3112	Grain and Oilseed Milling	6.0	0.0	6.8	0.0	X	X	X	X	X	X
311221	Wet Corn Milling and Starch Manufacturing	0.0	0.0	0.0	0.0	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	7.6	0.0	8.5	X	X	X	X	X	X	0.0
3115	Dairy Product Manufacturing	21.3	5.7	22.1	0.0	0.0	X	X	0.0	X	22.2
3116	Animal Slaughtering and Processing	5.1	3.6	5.4	X	4.1	X	X	0.0	X	X
312	Beverage and Tobacco Products	22.2	3.7	22.6	43.2	0.0	X	X	X	X	X
3121	Beverages	25.0	3.9	25.4	43.2	0.0	X	X	X	X	X
3122	Tobacco	0.0	0.0	0.0	X	0.0	X	X	X	X	X
313	Textile Mills	78.1	55.8	81.1	X	X	X	0.0	X	X	55.8
314	Textile Product Mills	54.8	X	54.8	X	X	X	X	X	X	X
315	Apparel	96.8	X	96.8	X	X	X	X	X	X	X
316	Leather and Allied Products	34.7	0.0	35.1	X	0.0	X	X	X	X	X
321	Wood Products	11.3	35.9	11.5	84.6	43.8	0.0	X	0.0	X	26.6
321113	Sawmills	4.7	51.2	4.5	90.8	X	0.0	X	X	X	60.2
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	22.1	X	22.1	X	X	X	X	X	X	X
321219	Reconstituted Wood Products	0.0	X	0.0	X	X	X	X	X	X	X
3219	Other Wood Products	27.4	0.0	27.7	0.0	0.0	X	X	0.0	X	0.0
322	Paper	0.4	0.0	0.4	0.0	X	0.0	X	X	X	0.0
322110	Pulp Mills	0.0	X	0.0	X	X	X	X	X	X	X
322120	Paper 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	0.0	X	X	X	0.0
323	Printing and Related Support	58.4	X	58.4	X	X	X	X	X	X	X
324	Petroleum and Coal Products	2.5	0.3	2.6	3.0	34.6	0.0	X	0.0	X	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	X	X	X	0.0	X	0.0
324121	Asphalt Paving Mixture and Block	4.7	0.7	4.9	34.6	34.6	0.0	X	0.0	X	0.0
324122	Asphalt Shingle and Coating Materials	0.0	0.0	0.0	0.0	X	X	X	X	X	X
324191	Petroleum Lubricating Oil and Grease Manufacturing	1.3	X	1.3	X	X	X	X	X	X	X
324199	All Other Petroleum and Coal Products Manufacturing	0.0	0.0	0.0	X	X	X	X	X	X	0.0
325	Chemicals	10.1	9.0	10.3	20.8	0.0	X	X	5.4	X	2.2
325110	Petrochemicals	0.0	X	0.0	X	X	X	X	X	X	X
325120	Industrial Gases	7.2	X	7.2	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemical Manufacturing	24.6	1.3	27.2	48.9	X	X	X	48.9	X	0.0
325193	Ethyl Alcohol	3.1	X	3.1	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	All Other Basic Organic Chemical Manufacturing	11.3	23.7	12.0	24.0	0.0	X	X	0.0	X	80.2
325211	Plastics Materials and Resins	4.0	0.0	4.0	0.0	0.0	X	X	X	X	X

325212	Synthetic Rubber	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	X	0.0	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	1.5	0.0	1.6	0.0	0.0	X	X	X	X	X
325412	Pharmaceutical Preparation	1.2	0.0	1.4	0.0	0.0	X	X	X	X	X
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	0.0	0.0	X	0.0	X	X	X	X	X
326	Plastics and Rubber Products	44.7	0.0	46.2	X	0.0	X	X	X	X	X
327	Nonmetallic Mineral Products	23.7	64.3	23.8	0.0	X	X	X	X	X	75.9
327120	Clay Building Material and Refractories	1.9	X	1.9	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	0.0	X	0.0	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	43.7	X	43.7	X	X	X	X	X	X	X
327310	Cements	3.1	76.4	2.2	0.0	X	X	X	X	X	77.0
327410	Lime	0.0	0.0	0.0	0.0	X	X	X	X	X	X
327420	Gypsum	4.7	0.0	4.9	0.0	X	X	X	X	X	X
327993	Mineral Wool	0.0	0.0	0.0	0.0	X	X	X	X	X	0.0
331	Primary Metals	11.7	0.5	11.7	0.0	X	X	X	0.5	X	0.0
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X
3312	Steel Products from Purchased Steel	37.3	X	37.3	X	X	X	X	X	X	X
3313	Alumina and Aluminum Production and Processing	0.0	X	0.0	X	X	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	X	0.0	X	X	X	X	X	X	X
3314	Nonferrous Metal (except Aluminum) Production and Processing	3.8	0.0	3.8	0.0	X	X	X	0.0	X	0.0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	0.0	X	X	X	X	X	X	0.0
3315	Foundries	2.8	23.6	2.9	X	X	X	X	23.6	X	X
331511	Iron Foundries	1.8	X	1.8	X	X	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	6.3	X	6.3	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	48.9	X	48.9	X	X	X	X	X	X	X
332	Fabricated Metal Products	34.4	96.4	32.1	99.5	99.5	X	X	99.5	X	X
333	Machinery	44.3	49.6	44.8	49.6	X	0.0	X	85.6	X	X
334	Computer and Electronic Products	29.3	0.0	29.4	0.0	0.0	X	X	X	X	X
334413	Semiconductors and Related Devices	8.8	0.0	8.8	0.0	0.0	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	50.7	X	50.7	X	X	X	X	X	X	X
336	Transportation Equipment	6.5	1.9	6.6	41.5	1.7	X	X	X	X	X
336110	Automobile and Light Duty Motor Vehicle Manufacturing	2.0	X	2.0	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	2.9	0.0	3.2	X	0.0	X	X	X	X	X
336411	Aircraft	2.5	X	2.5	X	X	X	X	X	X	X
337	Furniture and Related Products	47.1	X	47.1	X	X	X	X	X	X	X
339	Miscellaneous	47.5	X	47.5	X	X	X	X	X	X	X
	Total	7.0	28.3	7.1	25.9	7.9	0.0	0.0	78.5	X	15.3

**Northeast Census Region**

311	Food	59.9	0.0	61.8	X	0.0	X	X	X	X	X
3112	Grain and Oilseed Milling	62.9	X	62.9	X	X	X	X	X	X	X
311221	Wet Corn Milling and Starch Manufacturing	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	0.9	X	0.9	X	X	X	X	X	X	X

3115	Dairy Product Manufacturing	0.7	0.0	3.0	X	0.0	X	X	X	X	X
3116	Animal Slaughtering and Processing	21.6	X	21.6	X	X	X	X	X	X	X
312	Beverage and Tobacco Products	20.5	X	20.5	X	X	X	X	X	X	X
3121	Beverages	20.5	X	20.5	X	X	X	X	X	X	X
3122	Tobacco	X	X	X	X	X	X	X	X	X	X
313	Textile Mills	80.2	76.5	82.4	X	X	X	X	X	X	76.5
314	Textile Product Mills	X	X	X	X	X	X	X	X	X	X
315	Apparel	32.0	X	32.0	X	X	X	X	X	X	X
316	Leather and Allied Products	37.3	X	37.3	X	X	X	X	X	X	X
321	Wood Products	11.7	0.0	12.1	X	X	0.0	X	0.0	X	X
321113	Sawmills	12.6	0.0	13.2	X	X	0.0	X	X	X	X
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	7.3	X	7.3	X	X	X	X	X	X	X
321219	Reconstituted Wood Products	0.0	X	0.0	X	X	X	X	X	X	X
3219	Other Wood Products	55.0	0.0	55.4	X	X	X	X	0.0	X	X
322	Paper	0.3	X	0.3	X	X	X	X	X	X	X
322110	Pulp Mills	X	X	X	X	X	X	X	X	X	X
322120	Paper 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	62.6	X	62.6	X	X	X	X	X	X	X
324	Petroleum and Coal Products	3.0	1.4	3.1	34.6	34.6	X	X	X	X	0.0
324110	Petroleum Refineries	0.0	X	0.0	X	X	X	X	X	X	X
324121	Asphalt Paving Mixture and Block	3.6	1.4	3.7	34.6	34.6	X	X	X	X	0.0
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	0.0	X	0.0	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	62.0	0.0	62.0	0.0	0.0	X	X	X	X	X
325110	Petrochemicals	0.0	X	0.0	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 Chemical Manufacturing	33.7	X	33.7	X	X	X	X	X	X	X
325193	Ethyl Alcohol	X	X	X	X	X	X	X	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	X	X	X	X	X	X	X	X	X	X
325199	All Other Basic Organic Chemical Manufacturing	10.2	X	10.2	X	X	X	X	X	X	X
325211	Plastics Materials and Resins	0.5	0.0	0.8	0.0	0.0	X	X	X	X	X
325212	Synthetic Rubber	X	X	X	X	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	X	X	X	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	X	0.0	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	2.8	0.0	2.8	X	0.0	X	X	X	X	X
325412	Pharmaceutical Preparation	0.0	0.0	0.0	X	0.0	X	X	X	X	X
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	X	0.0	X	X	X	X	X	X	X
326	Plastics and Rubber Products	49.8	X	49.8	X	X	X	X	X	X	X
327	Nonmetallic Mineral Products	44.5	0.0	44.6	0.0	X	X	X	X	X	X
327120	Clay Building Material and Refractories	0.1	X	0.1	X	X	X	X	X	X	X
327211	Flat Glass	X	X	X	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.0	X	0.0	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	72.1	X	72.1	X	X	X	X	X	X	X
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	X	X	X	X	X	X
331	Primary Metals	1.5	23.6	1.5	X	X	X	X	23.6	X	X
331110	Iron and Steel Mills and Ferroalloys	0.0	X	0.0	X	X	X	X	X	X	X
3312	Steel Products from Purchased Steel	39.9	X	39.9	X	X	X	X	X	X	X
3313	Alumina and Aluminum Production and Processing	0.0	X	0.0	X	X	X	X	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	X	X	X	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	X	0.0	X	X	X	X	X	X	X
3314	Nonferrous Metal (except Aluminum) Production and Processing	0.9	X	0.9	X	X	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	18.2	23.6	18.7	X	X	X	X	23.6	X	X
331511	Iron Foundries	29.9	X	29.9	X	X	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	X	X	X	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	69.7	X	69.7	X	X	X	X	X	X	X
332	Fabricated Metal Products	63.5	X	63.5	X	X	X	X	X	X	X
333	Machinery	90.9	X	90.9	X	X	X	X	X	X	X
334	Computer and Electronic Products	11.1	X	11.1	X	X	X	X	X	X	X
334413	Semiconductors and Related Devices	0.0	X	0.0	X	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	6.5	X	6.5	X	X	X	X	X	X	X
336	Transportation Equipment	8.2	0.0	8.7	X	0.0	X	X	X	X	X
336110	Automobile and Light Duty Motor Vehicle Manufacturing	X	X	X	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	0.0	0.0	0.0	X	0.0	X	X	X	X	X
336411	Aircraft	0.0	X	0.0	X	X	X	X	X	X	X
337	Furniture and Related Products	99.0	X	99.0	X	X	X	X	X	X	X
339	Miscellaneous	72.4	X	72.4	X	X	X	X	X	X	X
	Total	15.9	1.1	16.2	19.2	1.7	0.0	X	8.7	X	2.0

Midwest Census Region

311	Food	11.7	1.5	12.1	0.0	39.2	X	X	X	X	0.0
3112	Grain and Oilseed Milling	0.9	0.0	1.1	0.0	X	X	X	X	X	X
311221	Wet Corn Milling and Starch Manufacturing	0.0	0.0	0.0	0.0	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	24.7	0.0	40.1	X	X	X	X	X	X	0.0
3115	Dairy Product Manufacturing	35.3	X	35.3	X	X	X	X	X	X	X
3116	Animal Slaughtering and Processing	8.7	39.2	8.7	X	39.2	X	X	X	X	X
312	Beverage and Tobacco Products	3.8	0.0	84.0	X	0.0	X	X	X	X	X
3121	Beverages	3.8	0.0	84.0	X	0.0	X	X	X	X	X
3122	Tobacco	X	X	X	X	X	X	X	X	X	X
313	Textile Mills	0.0	X	0.0	X	X	X	X	X	X	X
314	Textile Product Mills	X	X	X	X	X	X	X	X	X	X
315	Apparel	X	X	X	X	X	X	X	X	X	X
316	Leather and Allied Products	0.0	0.0	X	X	0.0	X	X	X	X	X
321	Wood Products	52.2	71.7	54.7	84.8	0.0	X	X	0.0	X	43.8
321113	Sawmills	36.2	79.7	21.7	91.0	X	X	X	X	X	60.2
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	22.7	X	22.7	X	X	X	X	X	X	X
321219	Reconstituted Wood Products	0.0	X	0.0	X	X	X	X	X	X	X
3219	Other Wood Products	42.9	0.0	44.1	0.0	0.0	X	X	0.0	X	0.0
322	Paper	1.3	0.0	1.3	0.0	X	X	X	X	X	0.0
322110	Pulp Mills	0.0	X	0.0	X	X	X	X	X	X	X
322120	Paper 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	0.0
323	Printing and Related Support	X	X	X	X	X	X	X	X	X	X
324	Petroleum and Coal Products	1.4	0.0	1.4	0.0	X	X	X	0.0	X	X
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X
324121	Asphalt Paving Mixture and Block	2.8	X	2.8	X	X	X	X	X	X	X
324122	Asphalt Shingle and Coating Materials	0.0	0.0	0.0	0.0	X	X	X	X	X	X
324191	Petroleum Lubricating Oil and Grease Manufacturing	0.3	X	0.3	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	7.7	24.3	8.2	24.7	0.0	X	X	X	X	80.2
325110	Petrochemicals	X	X	X	X	X	X	X	X	X	X
325120	Industrial Gases	X	X	X	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemical Manufacturing	37.7	X	37.7	X	X	X	X	X	X	X
325193	Ethyl Alcohol	3.3	X	3.3	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	16.3	24.5	19.7	24.7	X	X	X	X	X	80.2
325211	Plastics Materials and Resins	24.3	X	24.3	X	X	X	X	X	X	X
325212	Synthetic Rubber	X	X	X	X	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	X	X	X	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	X	0.0	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	11.7	0.0	11.8	X	0.0	X	X	X	X	X
325412	Pharmaceutical Preparation	14.6	0.0	14.8	X	0.0	X	X	X	X	X
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	X	0.0	X	X	X	X	X	X	X
326	Plastics and Rubber Products	87.5	X	87.5	X	X	X	X	X	X	X
327	Nonmetallic Mineral Products	22.0	75.8	22.6	0.0	X	X	X	X	X	75.9
327120	Clay Building Material and Refractories	5.8	X	5.8	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	0.0	X	0.0	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	0.0	X	0.0	X	X	X	X	X	X	X
327310	Cements	6.7	77.0	0.9	X	X	X	X	X	X	77.0
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	X	X	X	X	X	X	0.0
331	Primary Metals	0.3	0.0	0.3	0.0	X	X	X	0.0	X	X
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X
3312	Steel Products from Purchased Steel	4.3	X	4.3	X	X	X	X	X	X	X
3313	Alumina and Aluminum Production and Processing	0.0	X	0.0	X	X	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	X	0.0	X	X	X	X	X	X	X
3314	Nonferrous Metal (except Aluminum) Production and Processing	11.6	X	11.6	X	X	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	3.4	X	3.4	X	X	X	X	X	X	X
331511	Iron Foundries	0.5	X	0.5	X	X	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	0.0	X	0.0	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	0.0	X	0.0	X	X	X	X	X	X	X
332	Fabricated Metal Products	62.3	X	62.3	X	X	X	X	X	X	X
333	Machinery	63.9	49.6	64.9	49.6	X	0.0	X	85.6	X	X
334	Computer and Electronic Products	31.5	X	31.5	X	X	X	X	X	X	X

334413	Semiconductors and Related Devices	0.0	X	0.0	X	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	90.4	X	90.4	X	X	X	X	X	X	X
336	Transportation Equipment	16.0	41.5	16.1	41.5	41.5	X	X	X	X	X
336110	Automobile and Light Duty Motor Vehicle Manufacturing	0.0	X	0.0	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	5.9	X	5.9	X	X	X	X	X	X	X
336411	Aircraft	13.1	X	13.1	X	X	X	X	X	X	X
337	Furniture and Related Products	61.7	X	61.7	X	X	X	X	X	X	X
339	Miscellaneous	63.2	X	63.2	X	X	X	X	X	X	X
	Total	11.4	22.4	11.7	34.7	3.5	0.0	X	27.3	X	47.9

**South Census Region**

311	Food	18.3	4.3	19.2	X	4.3	X	X	X	X	X
3112	Grain and Oilseed Milling	8.5	X	8.5	X	X	X	X	X	X	X
311221	Wet Corn Milling and Starch Manufacturing	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	2.2	X	2.2	X	X	X	X	X	X	X
3115	Dairy Product Manufacturing	17.0	X	17.0	X	X	X	X	X	X	X
3116	Animal Slaughtering and Processing	6.0	4.3	6.7	X	4.3	X	X	X	X	X
312	Beverage and Tobacco Products	12.3	0.0	12.4	X	0.0	X	X	X	X	X
3121	Beverages	18.2	X	18.2	X	X	X	X	X	X	X
3122	Tobacco	0.0	0.0	0.0	X	0.0	X	X	X	X	X
313	Textile Mills	35.6	0.0	59.7	X	X	X	0.0	X	X	0.0
314	Textile Product Mills	54.8	X	54.8	X	X	X	X	X	X	X
315	Apparel	96.8	X	96.8	X	X	X	X	X	X	X
316	Leather and Allied Products	48.1	X	48.1	X	X	X	X	X	X	X
321	Wood Products	11.1	47.7	11.2	X	47.7	X	X	X	X	47.7
321113	Sawmills	6.4	X	6.4	X	X	X	X	X	X	X
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	23.9	X	23.9	X	X	X	X	X	X	X
321219	Reconstituted Wood Products	0.0	X	0.0	X	X	X	X	X	X	X
3219	Other Wood Products	47.6	X	47.6	X	X	X	X	X	X	X
322	Paper	0.5	X	0.5	X	X	X	X	X	X	X
322110	Pulp Mills	0.0	X	0.0	X	X	X	X	X	X	X
322120	Paper 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	97.9	X	97.9	X	X	X	X	X	X	X
324	Petroleum and Coal Products	4.8	0.0	5.2	0.0	X	0.0	X	X	X	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	X	X	X	X	X	0.0
324121	Asphalt Paving Mixture and Block	12.0	0.0	12.6	X	X	0.0	X	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	1.3	X	1.3	X	X	X	X	X	X	X
324199	All Other Petroleum and Coal Products Manufacturing	0.0	0.0	0.0	X	X	X	X	X	X	0.0
325	Chemicals	2.3	0.9	2.3	0.0	0.0	X	X	0.0	X	0.0
325110	Petrochemicals	0.0	X	0.0	X	X	X	X	X	X	X
325120	Industrial Gases	8.6	X	8.6	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemical Manufacturing	32.0	0.0	37.0	X	X	X	X	X	X	0.0
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	13.6	0.0	13.6	0.0	0.0	X	X	0.0	X	X
325211	Plastics Materials and Resins	3.8	X	3.8	X	X	X	X	X	X	X
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X



325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	X	0.0	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	X	0.0	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	1.0	0.0	1.1	0.0	0.0	X	X	X	X	X
325412	Pharmaceutical Preparation	0.1	0.0	0.1	0.0	0.0	X	X	X	X	X
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	X	0.0	X	X	X	X	X	X	X
326	Plastics and Rubber Products	47.1	0.0	48.8	X	0.0	X	X	X	X	X
327	Nonmetallic Mineral Products	37.7	0.0	37.8	0.0	X	X	X	X	X	X
327120	Clay Building Material and Refractories	2.6	X	2.6	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	0.0	X	0.0	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	0.0	X	0.0	X	X	X	X	X	X	X
327310	Cements	4.2	X	4.2	X	X	X	X	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	X	X	X	X	X	X
327420	Gypsum	7.6	0.0	7.9	0.0	X	X	X	X	X	X
327993	Mineral Wool	0.0	X	0.0	X	X	X	X	X	X	X
331	Primary Metals	20.7	0.0	20.8	0.0	X	X	X	0.0	X	X
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	X	X	X	X	0.0	X	X
3312	Steel Products from Purchased Steel	39.1	X	39.1	X	X	X	X	X	X	X
3313	Alumina and Aluminum Production and Processing	0.0	X	0.0	X	X	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	X	0.0	X	X	X	X	X	X	X
3314	Nonferrous Metal (except Aluminum) Production and Processing	0.2	0.0	0.2	0.0	X	X	X	0.0	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	X	0.0	X	X	X	X	X	X	X
3315	Foundries	3.2	X	3.2	X	X	X	X	X	X	X
331511	Iron Foundries	4.1	X	4.1	X	X	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	38.0	X	38.0	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	0.0	X	0.0	X	X	X	X	X	X	X
332	Fabricated Metal Products	58.4	99.5	63.1	X	X	X	X	99.5	X	X
333	Machinery	49.4	X	49.4	X	X	X	X	X	X	X
334	Computer and Electronic Products	54.5	0.0	54.7	0.0	0.0	X	X	X	X	X
334413	Semiconductors and Related Devices	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	31.9	X	31.9	X	X	X	X	X	X	X
336	Transportation Equipment	7.8	0.0	7.8	X	0.0	X	X	X	X	X
336110	Automobile and Light Duty Motor Vehicle Manufacturing	0.0	X	0.0	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	8.6	0.0	8.6	X	0.0	X	X	X	X	X
336411	Aircraft	3.3	X	3.3	X	X	X	X	X	X	X
337	Furniture and Related Products	35.8	X	35.8	X	X	X	X	X	X	X
339	Miscellaneous	86.2	X	86.2	X	X	X	X	X	X	X
	Total	10.5	47.6	10.7	0.0	8.8	0.0	0.0	94.6	X	6.4

**West Census Region**

311	Food	41.7	6.8	42.1	0.0	0.0	X	X	0.0	X	22.2
3112	Grain and Oilseed Milling	35.3	X	35.3	X	X	X	X	X	X	X
311221	Wet Corn Milling and Starch Manufacturing	X	X	X	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	32.1	X	32.1	X	X	X	X	X	X	X
3115	Dairy Product Manufacturing	61.3	12.5	69.8	0.0	X	X	X	0.0	X	22.2

3116	Animal Slaughtering and Processing	3.5	0.0	3.9	X	0.0	X	X	0.0	X	X
312	Beverage and Tobacco Products	48.7	43.2	48.9	43.2	X	X	X	X	X	X
3121	Beverages	48.7	43.2	48.9	43.2	X	X	X	X	X	X
3122	Tobacco	X	X	X	X	X	X	X	X	X	X
313	Textile Mills	X	X	X	X	X	X	X	X	X	X
314	Textile Product Mills	X	X	X	X	X	X	X	X	X	X
315	Apparel	X	X	X	X	X	X	X	X	X	X
316	Leather and Allied Products	X	X	X	X	X	X	X	X	X	X
321	Wood Products	11.4	0.0	11.6	0.0	X	X	X	X	X	0.0
321113	Sawmills	5.7	0.0	5.8	0.0	X	X	X	X	X	X
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	49.5	X	49.5	X	X	X	X	X	X	X
321219	Reconstituted Wood Products	0.0	X	0.0	X	X	X	X	X	X	X
3219	Other Wood Products	44.7	X	44.7	X	X	X	X	X	X	X
322	Paper	2.0	0.0	2.1	X	X	0.0	X	X	X	X
322110	Pulp Mills	0.0	X	0.0	X	X	X	X	X	X	X
322120	Paper Mills	0.0	X	0.0	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	X	X	0.0	X	X	X	X
323	Printing and Related Support	X	X	X	X	X	X	X	X	X	X
324	Petroleum and Coal Products	10.6	0.0	10.8	X	X	X	X	0.0	X	0.0
324110	Petroleum Refineries	0.0	X	0.0	X	X	X	X	X	X	X
324121	Asphalt Paving Mixture and Block	24.0	0.0	24.6	X	X	X	X	0.0	X	0.0
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	X	X	X	X	X	X	X	X	X	X
324199	All Other Petroleum and Coal Products Manufacturing	X	X	X	X	X	X	X	X	X	X
325	Chemicals	23.4	6.1	23.7	43.7	0.0	X	X	41.5	X	X
325110	Petrochemicals	X	X	X	X	X	X	X	X	X	X
325120	Industrial Gases	X	X	X	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemical Manufacturing	74.0	48.9	86.2	48.9	X	X	X	48.9	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	55.5	X	55.5	X	X	X	X	X	X	X
325211	Plastics Materials and Resins	13.8	X	13.8	X	X	X	X	X	X	X
325212	Synthetic Rubber	X	X	X	X	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	X	X	X	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	1.9	X	1.9	X	X	X	X	X	X	X
325412	Pharmaceutical Preparation	6.5	X	6.5	X	X	X	X	X	X	X
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	0.0	0.0	X	0.0	X	X	X	X	X
326	Plastics and Rubber Products	X	X	X	X	X	X	X	X	X	X
327	Nonmetallic Mineral Products	38.9	X	38.9	X	X	X	X	X	X	X
327120	Clay Building Material and Refractories	8.0	X	8.0	X	X	X	X	X	X	X
327211	Flat Glass	X	X	X	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.0	X	0.0	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	X	X	X	X	X	X	X	X	X	X
327310	Cements	0.0	X	0.0	X	X	X	X	X	X	X
327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X
327420	Gypsum	5.2	X	5.2	X	X	X	X	X	X	X
327993	Mineral Wool	0.0	X	0.0	X	X	X	X	X	X	X

331	Primary Metals	4.2	0.0	4.2	X	X	X	X	X	X	0.0
331110	Iron and Steel Mills and Ferroalloys	0.0	X	0.0	X	X	X	X	X	X	X
3312	Steel Products from Purchased Steel	3.3	X	3.3	X	X	X	X	X	X	X
3313	Alumina and Aluminum Production and Processing	0.0	X	0.0	X	X	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	X	0.0	X	X	X	X	X	X	X
3314	Nonferrous Metal (except Aluminum) Production and Processing	10.6	0.0	10.8	X	X	X	X	X	X	0.0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	0.0	X	X	X	X	X	X	0.0
3315	Foundries	9.1	X	9.1	X	X	X	X	X	X	X
331511	Iron Foundries	0.0	X	0.0	X	X	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	42.1	X	42.1	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	X	X	X	X	X	X	X	X	X	X
332	Fabricated Metal Products	61.7	99.5	60.1	99.5	99.5	X	X	X	X	X
333	Machinery	92.0	X	92.0	X	X	X	X	X	X	X
334	Computer and Electronic Products	42.5	X	42.5	X	X	X	X	X	X	X
334413	Semiconductors and Related Devices	51.2	X	51.2	X	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	67.3	X	67.3	X	X	X	X	X	X	X
336	Transportation Equipment	38.3	X	38.3	X	X	X	X	X	X	X
336110	Automobile and Light Duty Motor Vehicle Manufacturing	91.1	X	91.1	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	4.2	X	4.2	X	X	X	X	X	X	X
336411	Aircraft	5.6	X	5.6	X	X	X	X	X	X	X
337	Furniture and Related Products	X	X	X	X	X	X	X	X	X	X
339	Miscellaneous	55.7	X	55.7	X	X	X	X	X	X	X
	Total	21.1	11.8	21.4	51.2	81.2	0.0	X	0.5	X	11.2

#### Economic characteristic<sup>f</sup>

#### Value of shipments and receipts (million dollars)

Under 20	15.8	71.7	16.2	90.6	X	0.0	X	98.5	X	25.7
20-49	15.8	20.0	16.1	84.4	41.7	X	X	0.0	X	12.1
50-99	33.3	37.4	33.7	23.2	0.0	X	0.0	0.0	X	72.3
100-249	9.0	2.6	9.2	3.0	3.1	X	X	11.6	X	3.3
250-499	21.2	0.8	22.0	0.0	4.3	0.0	X	0.0	X	0.0
500 and Over	2.7	5.8	2.8	21.2	0.4	0.0	X	14.0	X	0.0
Total	7.0	28.3	7.1	25.9	7.9	0.0	0.0	78.5	X	15.3

#### Employment size

Under 50	17.1	22.1	17.3	51.5	34.6	0.0	X	2.6	X	7.2
50-99	13.7	73.1	13.2	96.2	43.5	X	X	99.2	X	9.0
100-249	19.8	0.5	20.1	0.6	0.0	X	X	0.0	X	3.2
250-499	5.4	26.4	5.5	0.0	0.9	0.0	0.0	0.0	X	62.0
500-999	3.7	4.2	3.8	0.0	17.0	X	X	0.0	X	0.0
1000 and Over	12.8	14.1	13.0	39.1	1.2	0.0	X	37.4	X	0.0
Total	7.0	28.3	7.1	25.9	7.9	0.0	0.0	78.5	X	15.3

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.

<sup>a</sup> The Bureau of the Census classifies establishments using the 2022 North American Industry Classification System (NAICS).

<sup>b</sup> *Alternative energy sources* consist of those energy sources that could have been substituted for distillate fuel oil during 2022. The quantities are expressed in thousands of barrels and therefore represent the quantity of distillate fuel oil that could have been displaced by the given alternative type of energy.

<sup>c</sup> *Total consumed* represents those quantities (total inputs) of distillate fuel oil that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

<sup>d</sup> *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.

<sup>e</sup> *Other* includes all other types of energy not already identified that respondents indicated could have been consumed in place of distillate fuel oil.

<sup>f</sup> *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.

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).*