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Next MECS will be fielded in 2027

Table 10.6 Capability to switch electricity to alternative energy sources, 2022

Level: National and regional data
Row: NAICS codes
Column: Energy sources
Unit: Million kilowatthours

NAICS code ^a	Subsector and industry	Electricity receipts				Alternative energy sources ^b					
		Total receipts ^c	Switchable	Not switchable	Natural gas	Distillate fuel oil	Residual fuel oil	Coal	HGL (excluding natural gasoline)	Coal coke and breeze	Other ^d
		Total United States									
311	Food	79,883	2,229	77,654	306	1,017	*	0	99	0	0
3112	Grain and Oilseed Milling	17,713	951	16,762	0	252	0	0	0	0	0
311221	Wet Corn Milling and Starch Manufacturing	7,876	252	7,623	0	252	0	0	0	0	0
31131	Sugar Manufacturing	1,736	15	1,721	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	8,919	55	8,865	3	44	0	0	0	0	0
3115	Dairy Product Manufacturing	13,111	759	12,352	224	549	*	0	99	0	0
3116	Animal Slaughtering and Processing	22,323	257	22,066	Q	171	0	0	0	0	0
312	Beverage and Tobacco Products	14,822	685	14,138	14	81	0	Q	0	0	Q
3121	Beverages	14,100	685	13,416	14	81	0	Q	0	0	Q
3122	Tobacco	722	0	722	0	0	0	0	0	0	0
313	Textile Mills	8,673	89	8,584	12	0	0	0	1	0	0
314	Textile Product Mills	2,983	Q	2,982	Q	0	0	0	Q	0	0
315	Apparel	532	0	532	0	0	0	0	0	0	0
316	Leather and Allied Products	240	0	240	0	0	0	0	0	0	0
321	Wood Products	21,454	1,575	19,880	1,429	65	0	Q	0	0	11
321113	Sawmills	9,077	1,458	7,619	1,415	35	0	0	0	0	2
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	5,639	9	5,630	0	0	0	0	0	0	8
321219	Reconstituted Wood Products	2,906	0	2,906	0	0	0	0	0	0	0
3219	Other Wood Products	6,223	107	6,116	15	Q	0	Q	0	0	0
322	Paper	54,388	3,444	50,943	2,355	68	127	15	0	0	168
322110	Pulp Mills	2,203	93	2,111	76	34	17	0	0	0	0
322120	Paper Mills	17,530	1,246	16,285	1,108	24	110	15	0	0	34
322130	Paperboard Mills	19,963	2,070	17,893	1,136	10	0	0	0	0	134
323	Printing and Related Support	9,160	Q	8,125	Q	0	0	0	0	0	Q
324	Petroleum and Coal Products	53,154	1,642	51,512	301	1,184	9	0	0	0	124
324110	Petroleum Refineries	49,342	1,577	47,765	282	1,149	0	0	0	0	123
324121	Asphalt Paving Mixture and Block	1,500	50	1,449	8	33	9	0	0	0	Q
324122	Asphalt Shingle and Coating Materials	824	12	812	11	0	0	0	0	0	0
324191	Petroleum Lubricating Oil and Grease Manufacturing	800	2	798	*	1	0	0	0	0	0
324199	All Other Petroleum and Coal Products Manufacturing	688	1	688	*	*	0	0	0	0	0
325	Chemicals	165,439	2,550	162,888	1,266	679	27	0	Q	0	87
325110	Petrochemicals	9,059	98	8,961	11	0	0	0	0	0	87

325120	Industrial Gases	27,999	374	27,625	374	*	0	0	Q	0	0
325180	Other Basic Inorganic Chemical Manufacturing	26,955	Q	26,855	12	Q	0	0	0	0	0
325193	Ethyl Alcohol	10,764	0	10,764	0	0	0	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	5,844	1	5,843	1	0	0	0	0	0	0
325199	All Other Basic Organic Chemical Manufacturing	19,780	1,048	18,732	631	81	0	0	0	0	0
325211	Plastics Materials and Resins	20,617	Q	20,596	Q	Q	0	0	0	0	0
325212	Synthetic Rubber	1,278	15	1,262	*	15	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	2,384	7	2,377	7	7	0	0	0	0	0
325311	Nitrogenous Fertilizers	5,248	1	5,247	1	0	0	0	0	0	0
325312	Phosphatic Fertilizers	2,857	3	2,854	1	1	0	0	0	0	0
3254	Pharmaceuticals and Medicines	13,408	844	12,564	172	483	27	0	0	0	0
325412	Pharmaceutical Preparation	6,453	399	6,054	14	321	27	0	0	0	0
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	708	3	706	0	3	0	0	0	0	0
326	Plastics and Rubber Products	70,449	Q	70,120	Q	Q	0	0	*	0	0
327	Nonmetallic Mineral Products	61,865	508	61,357	350	104	0	0	104	0	0
327120	Clay Building Material and Refractories	1,486	6	1,481	2	0	0	0	0	0	0
327211	Flat Glass	1,572	0	1,572	0	0	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	1,919	249	1,670	244	0	0	0	0	0	0
327213	Glass Containers	3,449	0	3,449	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	3,708	6	3,701	0	0	0	0	0	0	0
327310	Cements	13,007	0	13,007	0	0	0	0	0	0	0
327410	Lime	1,371	0	1,371	0	0	0	0	0	0	0
327420	Gypsum	1,826	*	1,826	*	0	0	0	0	0	0
327993	Mineral Wool	4,140	247	3,893	104	104	0	0	104	0	0
331	Primary Metals	99,754	404	99,350	102	123	0	11	19	11	19
331110	Iron and Steel Mills and Ferroalloys	54,761	213	54,548	27	80	0	0	0	0	0
3312	Steel Products from Purchased Steel	5,582	18	5,564	13	1	0	11	0	11	17
3313	Alumina and Aluminum Production and Processing	19,795	9	19,786	3	0	0	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	552	7	545	1	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	6,166	0	6,166	0	0	0	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	2,070	2	2,068	2	0	0	0	0	0	0
3314	Nonferrous Metal (except Aluminum) Production and Processing	9,800	52	9,748	1	Q	0	0	0	0	2
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	4,523	0	4,523	0	0	0	0	0	0	0
3315	Foundries	9,815	112	9,703	59	38	0	0	19	0	0
331511	Iron Foundries	4,712	9	4,703	9	0	0	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	2,031	1	2,030	0	1	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	566	2	564	0	0	0	0	0	0	0
332	Fabricated Metal Products	42,093	235	41,858	Q	Q	Q	Q	Q	Q	Q
333	Machinery	21,997	Q	21,506	Q	Q	Q	Q	Q	Q	Q
334	Computer and Electronic Products	27,584	394	27,190	12	30	0	0	0	0	*
334413	Semiconductors and Related Devices	13,631	245	13,386	4	28	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	11,784	Q	11,436	Q	0	0	0	Q	0	Q
336	Transportation Equipment	46,361	1,011	45,350	246	Q	0	63	10	0	125
336110	Automobile and Light Duty Motor Vehicle Manufacturing	7,991	144	7,847	115	9	0	0	7	0	13
3364	Aerospace Product and Parts	9,563	408	9,156	115	246	0	63	0	0	112
336411	Aircraft	2,648	178	2,470	31	122	0	0	0	0	6
337	Furniture and Related Products	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q

339	Miscellaneous	9,632	315	9,317	Q	Q	Q	Q	Q	0	0
	Total	811,473	17,461	794,011	7,880	4,303	379	472	457	Q	1,046

Northeast Census Region											
311	Food	7,449	251	7,198	59	151	0	0	59	0	0
3112	Grain and Oilseed Milling	459	88	370	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	207	0	207	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	823	*	823	*	0	0	0	0	0	0
3115	Dairy Product Manufacturing	1,898	71	1,826	59	59	0	0	59	0	0
3116	Animal Slaughtering and Processing	1,173	92	1,081	0	92	0	0	0	0	0
312	Beverage and Tobacco Products	1,732	0	1,732	0	0	0	0	0	0	0
3121	Beverages	1,713	0	1,713	0	0	0	0	0	0	0
3122	Tobacco	19	0	19	0	0	0	0	0	0	0
313	Textile Mills	496	12	484	12	0	0	0	1	0	0
314	Textile Product Mills	Q	0	Q	0	0	0	0	0	0	0
315	Apparel	85	0	85	0	0	0	0	0	0	0
316	Leather and Allied Products	33	0	33	0	0	0	0	0	0	0
321	Wood Products	1,367	31	1,336	13	8	0	0	0	0	0
321113	Sawmills	473	8	465	*	8	0	0	0	0	0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	162	1	161	0	0	0	0	0	0	0
321219	Reconstituted Wood Products	116	0	116	0	0	0	0	0	0	0
3219	Other Wood Products	682	22	660	13	*	0	0	0	0	0
322	Paper	6,790	266	6,524	143	24	110	0	0	0	34
322110	Pulp Mills	63	0	63	0	0	0	0	0	0	0
322120	Paper Mills	3,125	266	2,859	143	24	110	0	0	0	34
322130	Paperboard Mills	1,114	0	1,114	0	0	0	0	0	0	0
323	Printing and Related Support	1,849	Q	1,849	0	0	0	0	0	0	0
324	Petroleum and Coal Products	2,301	47	2,254	7	10	9	0	0	0	22
324110	Petroleum Refineries	1,750	22	1,729	0	0	0	0	0	0	22
324121	Asphalt Paving Mixture and Block	364	26	338	7	10	9	0	0	0	0
324122	Asphalt Shingle and Coating Materials	44	0	44	0	0	0	0	0	0	0
324191	Petroleum Lubricating Oil and Grease Manufacturing	35	0	35	0	0	0	0	0	0	0
324199	All Other Petroleum and Coal Products Manufacturing	108	0	108	0	0	0	0	0	0	0
325	Chemicals	19,062	356	18,706	137	89	0	0	0	0	0
325110	Petrochemicals	248	0	248	0	0	0	0	0	0	0
325120	Industrial Gases	9,773	0	9,773	0	0	0	0	0	0	0
325180	Other Basic Inorganic Chemical Manufacturing	1,450	0	1,450	0	0	0	0	0	0	0
325193	Ethyl Alcohol	78	0	78	0	0	0	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	4	0	4	0	0	0	0	0	0	0
325199	All Other Basic Organic Chemical Manufacturing	1,450	0	1,450	0	0	0	0	0	0	0
325211	Plastics Materials and Resins	1,155	0	1,155	0	0	0	0	0	0	0
325212	Synthetic Rubber	16	*	16	*	0	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	29	0	29	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	6	1	6	1	0	0	0	0	0	0
325312	Phosphatic Fertilizers	3	0	3	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	3,100	355	2,745	136	89	0	0	0	0	0

325412	Pharmaceutical Preparation	1,378	62	1,316	0	56	0	0	0	0	0
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	336	*	336	0	0	0	0	0	0	0
326	Plastics and Rubber Products	7,306	0	7,306	0	0	0	0	0	0	0
327	Nonmetallic Mineral Products	3,632	11	3,621	2	0	0	0	0	0	0
327120	Clay Building Material and Refractories	178	4	174	2	0	0	0	0	0	0
327211	Flat Glass	251	0	251	0	0	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	354	Q	353	*	0	0	0	0	0	0
327213	Glass Containers	466	0	466	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	258	6	251	0	0	0	0	0	0	0
327310	Cements	1,014	0	1,014	0	0	0	0	0	0	0
327410	Lime	78	0	78	0	0	0	0	0	0	0
327420	Gypsum	297	0	297	0	0	0	0	0	0	0
327993	Mineral Wool	134	0	134	0	0	0	0	0	0	0
331	Primary Metals	10,475	22	10,453	13	0	0	11	0	11	17
331110	Iron and Steel Mills and Ferroalloys	4,256	0	4,256	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	867	17	851	11	0	0	11	0	11	17
3313	Alumina and Aluminum Production and Processing	2,859	0	2,859	0	0	0	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	16	0	16	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	517	0	517	0	0	0	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	242	0	242	0	0	0	0	0	0	0
3314	Nonferrous Metal (except Aluminum) Production and Processing	1,617	6	1,611	1	0	0	0	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	302	0	302	0	0	0	0	0	0	0
3315	Foundries	876	0	876	0	0	0	0	0	0	0
331511	Iron Foundries	393	0	393	0	0	0	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	77	0	77	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	74	0	74	0	0	0	0	0	0	0
332	Fabricated Metal Products	6,841	Q	6,835	Q	0	0	Q	0	0	0
333	Machinery	1,814	Q	1,471	Q	0	0	0	0	0	Q
334	Computer and Electronic Products	4,283	Q	4,282	0	0	0	0	0	0	*
334413	Semiconductors and Related Devices	2,319	0	2,319	0	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	2,090	Q	1,899	0	0	0	0	0	0	Q
336	Transportation Equipment	3,520	91	3,430	84	84	0	63	0	0	70
336110	Automobile and Light Duty Motor Vehicle Manufacturing	*	0	*	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	966	91	875	84	84	0	63	0	0	70
336411	Aircraft	201	7	194	*	0	0	0	0	0	6
337	Furniture and Related Products	348	0	348	0	0	0	0	0	0	0
339	Miscellaneous	736	Q	679	0	0	0	0	0	0	0
	Total	82,297	1,685	80,612	502	366	118	77	60	11	517

Midwest Census Region

311	Food	35,827	1,455	34,371	166	644	0	0	Q	0	0
3112	Grain and Oilseed Milling	13,259	862	12,396	0	252	0	0	0	0	0
311221	Wet Corn Milling and Starch Manufacturing	7,594	252	7,341	0	252	0	0	0	0	0
31131	Sugar Manufacturing	643	15	628	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	2,676	11	2,665	0	11	0	0	0	0	0
3115	Dairy Product Manufacturing	5,327	504	4,822	166	317	0	0	Q	0	0
3116	Animal Slaughtering and Processing	8,798	63	8,735	0	63	0	0	0	0	0

312	Beverage and Tobacco Products	2,814	630	2,184	Q	65	0	Q	0	0	Q
3121	Beverages	2,811	630	2,181	Q	65	0	Q	0	0	Q
3122	Tobacco	2	0	2	0	0	0	0	0	0	0
313	Textile Mills	216	0	216	0	0	0	0	0	0	0
314	Textile Product Mills	323	0	323	0	0	0	0	0	0	0
315	Apparel	60	0	60	0	0	0	0	0	0	0
316	Leather and Allied Products	101	0	101	0	0	0	0	0	0	0
321	Wood Products	2,899	80	2,819	Q	Q	0	Q	0	0	Q
321113	Sawmills	428	Q	426	Q	0	0	0	0	0	0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	899	Q	899	0	0	0	0	0	0	Q
321219	Reconstituted Wood Products	551	0	551	0	0	0	0	0	0	0
3219	Other Wood Products	1,502	77	1,426	0	Q	0	Q	0	0	0
322	Paper	11,295	264	11,030	258	34	0	6	0	0	0
322110	Pulp Mills	258	34	224	34	34	0	0	0	0	0
322120	Paper Mills	3,386	231	3,155	225	0	0	6	0	0	0
322130	Paperboard Mills	3,349	0	3,349	0	0	0	0	0	0	0
323	Printing and Related Support	3,860	Q	2,881	Q	0	0	0	0	0	Q
324	Petroleum and Coal Products	11,020	46	10,973	44	1	0	0	0	0	Q
324110	Petroleum Refineries	10,019	44	9,974	44	0	0	0	0	0	0
324121	Asphalt Paving Mixture and Block	283	1	281	0	1	0	0	0	0	Q
324122	Asphalt Shingle and Coating Materials	255	0	255	0	0	0	0	0	0	0
324191	Petroleum Lubricating Oil and Grease Manufacturing	205	0	205	0	0	0	0	0	0	0
324199	All Other Petroleum and Coal Products Manufacturing	258	*	258	0	*	0	0	0	0	0
325	Chemicals	42,580	356	42,224	Q	212	0	0	Q	0	0
325110	Petrochemicals	52	0	52	0	0	0	0	0	0	0
325120	Industrial Gases	6,755	Q	6,750	Q	0	0	0	Q	0	0
325180	Other Basic Inorganic Chemical Manufacturing	2,185	3	2,182	0	3	0	0	0	0	0
325193	Ethyl Alcohol	10,155	0	10,155	0	0	0	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	265	0	265	0	0	0	0	0	0	0
325199	All Other Basic Organic Chemical Manufacturing	3,385	118	3,267	0	0	0	0	0	0	0
325211	Plastics Materials and Resins	3,303	Q	3,282	Q	Q	0	0	0	0	0
325212	Synthetic Rubber	79	0	79	0	0	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	60	0	60	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	2,158	0	2,158	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	1,268	2	1,266	0	1	0	0	0	0	0
3254	Pharmaceuticals and Medicines	5,053	207	4,846	*	206	0	0	0	0	0
325412	Pharmaceutical Preparation	2,109	78	2,031	*	77	0	0	0	0	0
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	35	0	35	0	0	0	0	0	0	0
326	Plastics and Rubber Products	29,793	Q	29,511	Q	0	0	0	*	0	0
327	Nonmetallic Mineral Products	14,141	249	13,892	105	104	0	0	104	0	0
327120	Clay Building Material and Refractories	240	1	239	1	0	0	0	0	0	0
327211	Flat Glass	493	0	493	0	0	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	387	4	384	0	0	0	0	0	0	0
327213	Glass Containers	987	0	987	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	1,487	0	1,487	0	0	0	0	0	0	0
327310	Cements	3,316	0	3,316	0	0	0	0	0	0	0
327410	Lime	466	0	466	0	0	0	0	0	0	0

327420	Gypsum	268	0	268	0	0	0	0	0	0	0
327993	Mineral Wool	2,024	244	1,779	104	104	0	0	104	0	0
331	Primary Metals	35,275	234	35,041	35	38	0	0	0	0	0
331110	Iron and Steel Mills and Ferroalloys	20,638	100	20,538	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	2,154	0	2,154	0	0	0	0	0	0	0
3313	Alumina and Aluminum Production and Processing	4,699	9	4,690	3	0	0	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	D	7	D	1	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	2,384	0	2,384	0	0	0	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	722	2	720	2	0	0	0	0	0	0
3314	Nonferrous Metal (except Aluminum) Production and Processing	1,594	41	1,553	0	0	0	0	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	113	0	113	0	0	0	0	0	0	0
3315	Foundries	6,189	84	6,105	32	38	0	0	0	0	0
331511	Iron Foundries	3,078	1	3,077	1	0	0	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	1,250	1	1,249	0	1	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	376	1	375	0	0	0	0	0	0	0
332	Fabricated Metal Products	14,561	Q	14,504	Q	Q	Q	Q	Q	Q	0
333	Machinery	11,882	Q	11,821	Q	Q	0	0	0	0	0
334	Computer and Electronic Products	Q	211	Q	4	0	0	0	0	0	0
334413	Semiconductors and Related Devices	522	211	312	4	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	3,725	Q	3,568	Q	0	0	0	0	Q	0
336	Transportation Equipment	22,876	Q	22,461	112	Q	0	0	4	0	13
336110	Automobile and Light Duty Motor Vehicle Manufacturing	3,798	129	3,669	112	0	0	0	4	0	13
3364	Aerospace Product and Parts	2,412	0	2,412	0	0	0	0	0	0	0
336411	Aircraft	509	0	509	0	0	0	0	0	0	0
337	Furniture and Related Products	1,929	Q	1,838	Q	0	0	Q	0	0	0
339	Miscellaneous	4,552	Q	4,363	Q	Q	Q	Q	Q	0	0
	Total	257,203	5,756	251,447	1,986	1,521	Q	Q	225	Q	Q

South Census Region

311	Food	23,507	342	23,165	Q	81	*	0	*	0	0
3112	Grain and Oilseed Milling	3,245	0	3,245	0	0	0	0	0	0	0
311221	Wet Corn Milling and Starch Manufacturing	265	0	265	0	0	0	0	0	0	0
31131	Sugar Manufacturing	592	0	592	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	2,102	Q	2,068	0	Q	0	0	0	0	0
3115	Dairy Product Manufacturing	1,967	42	1,925	0	32	*	0	*	0	0
3116	Animal Slaughtering and Processing	10,660	Q	10,587	Q	16	0	0	0	0	0
312	Beverage and Tobacco Products	7,495	9	7,486	9	0	0	0	0	0	0
3121	Beverages	6,797	9	6,788	9	0	0	0	0	0	0
3122	Tobacco	698	0	698	0	0	0	0	0	0	0
313	Textile Mills	7,649	77	7,573	0	0	0	0	0	0	0
314	Textile Product Mills	2,370	Q	2,369	Q	0	0	0	Q	0	0
315	Apparel	343	0	343	0	0	0	0	0	0	0
316	Leather and Allied Products	83	0	83	0	0	0	0	0	0	0
321	Wood Products	11,646	70	11,576	34	30	0	0	0	0	0
321113	Sawmills	5,091	64	5,027	34	24	0	0	0	0	0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	3,013	0	3,013	0	0	0	0	0	0	0
321219	Reconstituted Wood Products	1,797	0	1,797	0	0	0	0	0	0	0

3219	Other Wood Products	3,238	Q	3,232	0	Q	0	0	0	0	0
322	Paper	27,573	2,192	25,380	1,953	10	17	9	0	0	134
322110	Pulp Mills	1,795	58	1,738	41	0	17	0	0	0	0
322120	Paper Mills	6,831	749	6,083	741	0	0	9	0	0	0
322130	Paperboard Mills	11,989	1,350	10,639	1,136	10	0	0	0	0	134
323	Printing and Related Support	2,637	Q	2,582	Q	0	0	0	0	0	Q
324	Petroleum and Coal Products	32,438	1,444	30,994	172	1,169	0	0	0	0	102
324110	Petroleum Refineries	30,710	1,410	29,300	161	1,147	0	0	0	0	102
324121	Asphalt Paving Mixture and Block	518	21	498	0	21	0	0	0	0	0
324122	Asphalt Shingle and Coating Materials	398	12	387	11	0	0	0	0	0	0
324191	Petroleum Lubricating Oil and Grease Manufacturing	540	1	539	0	1	0	0	0	0	0
324199	All Other Petroleum and Coal Products Manufacturing	272	*	271	*	0	0	0	0	0	0
325	Chemicals	91,508	813	90,695	112	377	27	0	0	0	87
325110	Petrochemicals	8,759	98	8,661	11	0	0	0	0	0	87
325120	Industrial Gases	8,506	*	8,506	*	*	0	0	0	0	0
325180	Other Basic Inorganic Chemical Manufacturing	19,378	Q	19,294	0	Q	0	0	0	0	0
325193	Ethyl Alcohol	293	0	293	0	0	0	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	5,387	1	5,386	1	0	0	0	0	0	0
325199	All Other Basic Organic Chemical Manufacturing	13,782	350	13,432	52	80	0	0	0	0	0
325211	Plastics Materials and Resins	15,828	*	15,828	0	0	0	0	0	0	0
325212	Synthetic Rubber	1,155	15	1,140	0	15	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	2,294	7	2,287	7	7	0	0	0	0	0
325311	Nitrogenous Fertilizers	2,429	0	2,429	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	1,272	1	1,271	1	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	3,541	217	3,324	3	188	27	0	0	0	0
325412	Pharmaceutical Preparation	1,987	214	1,773	0	188	27	0	0	0	0
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	184	3	181	0	3	0	0	0	0	0
326	Plastics and Rubber Products	28,193	Q	28,147	0	Q	0	0	0	0	0
327	Nonmetallic Mineral Products	32,669	244	32,425	244	0	0	0	0	0	0
327120	Clay Building Material and Refractories	1,011	0	1,011	0	0	0	0	0	0	0
327211	Flat Glass	638	0	638	0	0	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	1,096	244	853	244	0	0	0	0	0	0
327213	Glass Containers	1,121	0	1,121	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	1,673	0	1,673	0	0	0	0	0	0	0
327310	Cements	5,497	0	5,497	0	0	0	0	0	0	0
327410	Lime	652	0	652	0	0	0	0	0	0	0
327420	Gypsum	953	0	953	0	0	0	0	0	0	0
327993	Mineral Wool	1,454	0	1,454	0	0	0	0	0	0	0
331	Primary Metals	48,060	116	47,944	28	81	0	0	0	0	2
331110	Iron and Steel Mills and Ferroalloys	27,783	113	27,670	27	80	0	0	0	0	0
3312	Steel Products from Purchased Steel	2,028	1	2,027	1	1	0	0	0	0	0
3313	Alumina and Aluminum Production and Processing	11,337	0	11,337	0	0	0	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	D	0	D	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	2,665	0	2,665	0	0	0	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	839	0	839	0	0	0	0	0	0	0
3314	Nonferrous Metal (except Aluminum) Production and Processing	4,679	2	4,677	0	0	0	0	0	0	2
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	2,777	0	2,777	0	0	0	0	0	0	0

3315	Foundries	2,233	0	2,233	0	0	0	0	0	0	0	0
331511	Iron Foundries	1,116	0	1,116	0	0	0	0	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	612	0	612	0	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	87	0	87	0	0	0	0	0	0	0	0
332	Fabricated Metal Products	13,750	Q	13,631	Q	Q	Q	Q	Q	Q	Q	Q
333	Machinery	6,070	Q	6,028	0	Q	0	0	0	0	0	0
334	Computer and Electronic Products	7,560	169	7,391	Q	30	0	0	0	0	0	0
334413	Semiconductors and Related Devices	5,437	27	5,410	0	27	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	5,248	0	5,248	0	0	0	0	0	0	0	0
336	Transportation Equipment	15,954	318	15,635	19	138	0	0	0	0	0	0
336110	Automobile and Light Duty Motor Vehicle Manufacturing	3,796	15	3,781	3	9	0	0	0	3	0	0
3364	Aerospace Product and Parts	3,163	130	3,034	0	130	0	0	0	0	0	0
336411	Aircraft	1,107	92	1,015	0	92	0	0	0	0	0	0
337	Furniture and Related Products	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
339	Miscellaneous	2,824	Q	2,823	0	0	0	0	0	0	0	0
	Total	374,172	6,145	368,027	2,825	2,103	Q	Q	Q	Q	Q	401

West Census Region

311	Food	13,100	180	12,920	7	Q	0	0	0	37	0	0
3112	Grain and Oilseed Milling	751	*	751	0	0	0	0	0	0	0	0
311221	Wet Corn Milling and Starch Manufacturing	17	0	17	0	0	0	0	0	0	0	0
31131	Sugar Manufacturing	293	0	293	0	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	3,319	10	3,308	3	0	0	0	0	0	0	0
3115	Dairy Product Manufacturing	3,920	Q	3,779	0	Q	0	0	0	37	0	0
3116	Animal Slaughtering and Processing	1,691	Q	1,663	3	0	0	0	0	0	0	0
312	Beverage and Tobacco Products	2,781	45	2,736	0	16	0	Q	0	0	0	0
3121	Beverages	2,779	45	2,734	0	16	0	Q	0	0	0	0
3122	Tobacco	2	0	2	0	0	0	0	0	0	0	0
313	Textile Mills	311	0	311	0	0	0	0	0	0	0	0
314	Textile Product Mills	203	0	203	0	0	0	0	0	0	0	0
315	Apparel	44	0	44	0	0	0	0	0	0	0	0
316	Leather and Allied Products	23	0	23	0	0	0	0	0	0	0	0
321	Wood Products	5,543	1,393	4,149	1,381	Q	0	0	0	0	0	10
321113	Sawmills	3,084	1,384	1,701	1,379	Q	0	0	0	0	0	2
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	1,565	8	1,558	0	0	0	0	0	0	0	8
321219	Reconstituted Wood Products	443	0	443	0	0	0	0	0	0	0	0
3219	Other Wood Products	801	Q	799	Q	0	0	0	0	0	0	0
322	Paper	8,730	721	8,009	1	0	0	0	0	0	0	0
322110	Pulp Mills	87	1	86	1	0	0	0	0	0	0	0
322120	Paper Mills	4,189	0	4,189	0	0	0	0	0	0	0	0
322130	Paperboard Mills	3,511	720	2,791	0	0	0	0	0	0	0	0
323	Printing and Related Support	814	0	814	0	0	0	0	0	0	0	0
324	Petroleum and Coal Products	7,396	105	7,291	78	4	0	0	0	0	0	0
324110	Petroleum Refineries	6,863	100	6,763	77	2	0	0	0	0	0	0
324121	Asphalt Paving Mixture and Block	335	3	332	Q	2	0	0	0	0	0	0
324122	Asphalt Shingle and Coating Materials	126	0	126	0	0	0	0	0	0	0	0
324191	Petroleum Lubricating Oil and Grease Manufacturing	21	2	19	*	0	0	0	0	0	0	0

324199	All Other Petroleum and Coal Products Manufacturing	50	0	50	0	0	0	0	0	0	0
325	Chemicals	12,288	1,025	11,264	992	Q	0	0	*	0	0
325110	Petrochemicals	*	0	*	0	0	0	0	0	0	0
325120	Industrial Gases	2,964	369	2,596	369	0	0	0	0	0	0
325180	Other Basic Inorganic Chemical Manufacturing	3,941	12	3,929	12	0	0	0	0	0	0
325193	Ethyl Alcohol	238	0	238	0	0	0	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	189	*	189	0	0	0	0	0	0	0
325199	All Other Basic Organic Chemical Manufacturing	1,163	580	584	578	Q	0	0	0	0	0
325211	Plastics Materials and Resins	331	0	331	0	0	0	0	0	0	0
325212	Synthetic Rubber	27	0	27	0	0	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	1	0	1	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	654	*	654	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	314	0	314	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	1,713	64	1,649	33	0	0	0	0	0	0
325412	Pharmaceutical Preparation	979	45	934	13	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	154	0	154	0	0	0	0	0	0	0
326	Plastics and Rubber Products	5,156	0	5,156	0	0	0	0	0	0	0
327	Nonmetallic Mineral Products	11,423	4	11,418	*	0	0	0	0	0	0
327120	Clay Building Material and Refractories	57	1	55	0	0	0	0	0	0	0
327211	Flat Glass	190	0	190	0	0	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	81	0	81	0	0	0	0	0	0	0
327213	Glass Containers	876	0	876	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	290	0	290	0	0	0	0	0	0	0
327310	Cements	3,180	0	3,180	0	0	0	0	0	0	0
327410	Lime	174	0	174	0	0	0	0	0	0	0
327420	Gypsum	308	*	308	*	0	0	0	0	0	0
327993	Mineral Wool	529	3	526	0	0	0	0	0	0	0
331	Primary Metals	5,944	31	5,913	27	Q	0	0	19	0	0
331110	Iron and Steel Mills and Ferroalloys	2,084	0	2,084	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	532	0	532	0	0	0	0	0	0	0
3313	Alumina and Aluminum Production and Processing	900	0	900	0	0	0	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	35	0	35	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	599	0	599	0	0	0	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	266	0	266	0	0	0	0	0	0	0
3314	Nonferrous Metal (except Aluminum) Production and Processing	1,910	Q	1,907	0	Q	0	0	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	1,332	0	1,332	0	0	0	0	0	0	0
3315	Foundries	517	28	490	27	0	0	0	19	0	0
331511	Iron Foundries	125	8	117	8	0	0	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	92	0	92	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	30	1	29	0	0	0	0	0	0	0
332	Fabricated Metal Products	6,942	Q	6,887	Q	0	0	0	0	0	Q
333	Machinery	2,231	Q	2,187	Q	Q	Q	Q	Q	Q	0
334	Computer and Electronic Products	8,265	14	8,251	Q	*	0	0	0	0	0
334413	Semiconductors and Related Devices	5,353	7	5,345	0	*	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	721	0	721	0	0	0	0	0	0	0
336	Transportation Equipment	4,011	187	3,824	31	32	0	0	0	0	Q
336110	Automobile and Light Duty Motor Vehicle Manufacturing	397	0	397	0	0	0	0	0	0	0

3364	Aerospace Product and Parts	3,022	187	2,835	31	32	0	0	0	0	Q
336411	Aircraft	831	80	751	31	31	0	0	0	0	0
337	Furniture and Related Products	352	Q	352	Q	0	0	0	0	0	0
339	Miscellaneous	1,520	Q	1,452	1	Q	0	0	0	0	0
	Total	97,800	3,874	93,926	2,567	313	Q	Q	100	Q	Q

Economic characteristic^e

Value of shipments and receipts (million dollars)

Under 20	99,264	1,694	97,570	854	150	Q	Q	Q	Q	Q
20-49	70,734	1,565	69,169	Q	258	Q	Q	Q	Q	Q
50-99	109,135	760	108,376	210	303	Q	Q	148	Q	0
100-249	165,442	4,609	160,833	2,101	636	0	0	2	0	Q
250-499	105,332	1,725	103,607	628	625	0	15	62	0	10
500 and Over	261,565	7,108	254,456	2,880	2,331	153	63	47	0	429
Total	811,473	17,461	794,011	7,880	4,303	379	472	457	Q	1,046

Employment size

Under 50	109,828	1,316	108,512	269	193	Q	Q	Q	Q	Q
50-99	88,362	845	87,517	359	248	Q	Q	Q	Q	Q
100-249	193,075	5,102	187,973	3,391	739	Q	Q	190	11	106
250-499	166,480	3,177	163,303	903	586	Q	Q	Q	Q	512
500-999	140,364	5,002	135,362	2,244	1,651	153	15	99	0	272
1000 and Over	113,363	2,019	111,345	714	886	0	63	7	0	70
Total	811,473	17,461	794,011	7,880	4,303	379	472	457	Q	1,046

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 electricity receipts during 2022. The quantities are expressed in millions of kilowatt-hours and therefore represent the quantity of electricity that could have been displaced by the given alternative type of energy.

^c *Total 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.

^d *Other* includes all other types of energy not already identified that respondents indicated could have been consumed in place of electricity.

^e *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 10.6 Relative standard errors for table 10.6

Unit: Percentage

NAICS code ^a	Subsector and industry	Electricity receipts			Alternative energy sources ^b						
		Total receipts ^c	Switchable	Not switchable	Natural gas	Distillate fuel oil	Residual fuel oil	Coal	HGL (excluding natural gasoline)	Coal coke and breeze	
											Other ^d
Total United States											
311	Food	3.2	10.2	3.3	30.1	11.0	31.4	X	2.1	X	X
3112	Grain and Oilseed Milling	2.9	9.5	3.1	X	0.0	X	X	X	X	X
311221	Wet Corn Milling and Starch Manufacturing	0.0	0.0	0.0	X	0.0	X	X	X	X	X
31131	Sugar Manufacturing	0.0	0.0	0.0	X	X	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	3.0	40.4	3.0	0.0	49.7	X	X	X	X	X
3115	Dairy Product Manufacturing	4.0	17.6	4.2	35.0	19.7	31.4	X	2.1	X	X
3116	Animal Slaughtering and Processing	4.0	21.1	4.1	76.7	10.0	X	X	X	X	X
312	Beverage and Tobacco Products	17.9	3.0	18.7	28.9	9.6	X	65.0	X	X	97.2
3121	Beverages	18.8	3.0	19.7	28.9	9.6	X	65.0	X	X	97.2
3122	Tobacco	0.0	X	0.0	X	X	X	X	X	X	X
313	Textile Mills	6.5	0.3	6.6	0.0	X	X	X	0.0	X	X
314	Textile Product Mills	13.3	99.0	13.3	99.0	X	X	X	99.0	X	X
315	Apparel	11.4	X	11.4	X	X	X	X	X	X	X
316	Leather and Allied Products	4.9	X	4.9	X	X	X	X	X	X	X
321	Wood Products	6.1	2.2	6.6	0.3	25.7	X	88.8	X	X	4.0
321113	Sawmills	1.9	0.3	2.2	0.1	6.3	X	X	X	X	0.0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	2.7	4.6	2.7	X	X	X	X	X	X	5.1
321219	Reconstituted Wood Products	3.2	X	3.2	X	X	X	X	X	X	X
3219	Other Wood Products	20.8	32.1	21.1	24.1	54.6	X	88.8	X	X	X
322	Paper	2.4	0.8	2.5	1.2	0.0	0.0	0.0	X	X	0.0
322110	Pulp Mills	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
322120	Paper Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0
323	Printing and Related Support	12.3	71.7	10.7	78.5	X	X	X	X	X	74.5
324	Petroleum and Coal Products	0.1	0.6	0.1	0.4	0.9	12.3	X	X	X	0.4
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0
324121	Asphalt Paving Mixture and Block	3.9	20.5	3.9	14.7	30.8	12.3	X	X	X	75.6
324122	Asphalt Shingle and Coating Materials	1.1	0.0	1.1	0.0	X	X	X	X	X	X
324191	Petroleum Lubricating Oil and Grease Manufacturing	1.6	0.0	1.6	0.0	0.0	X	X	X	X	X
324199	All Other Petroleum and Coal Products Manufacturing	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
325	Chemicals	3.1	3.1	3.1	2.0	11.1	0.0	X	94.0	X	0.0
325110	Petrochemicals	0.0	0.0	0.0	0.0	X	X	X	X	X	0.0
325120	Industrial Gases	16.0	1.3	16.2	1.3	0.0	X	X	94.0	X	X
325180	Other Basic Inorganic Chemical Manufacturing	2.8	65.4	2.7	0.0	74.4	X	X	X	X	X
325193	Ethyl Alcohol	2.6	X	2.6	X	X	X	X	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325199	All Other Basic Organic Chemical Manufacturing	2.3	0.1	2.4	0.0	1.1	X	X	X	X	X
325211	Plastics Materials and Resins	4.0	73.6	4.0	79.3	96.2	X	X	X	X	X
325212	Synthetic Rubber	0.5	0.0	0.5	0.0	0.0	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	2.2	0.0	2.2	0.0	0.0	X	X	X	X	X

325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
3254	Pharmaceuticals and Medicines	5.1	4.7	5.4	5.2	7.9	0.0	X	X	X	X
325412	Pharmaceutical Preparation	4.8	8.7	5.0	1.9	10.7	0.0	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	18.6	50.7	18.7	98.9	97.4	X	X	0.0	X	X
327	Nonmetallic Mineral Products	26.5	0.4	26.7	0.1	0.0	X	X	0.0	X	X
327120	Clay Building Material and Refractories	2.5	8.9	2.5	0.0	X	X	X	X	X	X
327211	Flat Glass	1.2	X	1.2	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.7	0.8	0.9	0.1	X	X	X	X	X	X
327213	Glass Containers	0.1	X	0.1	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	2.1	0.0	2.1	X	X	X	X	X	X	X
327310	Cements	6.1	X	6.1	X	X	X	X	X	X	X
327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X
327420	Gypsum	3.7	0.0	3.7	0.0	X	X	X	X	X	X
327993	Mineral Wool	13.1	0.0	14.0	0.0	0.0	X	X	0.0	X	X
331	Primary Metals	0.2	2.8	0.3	4.4	2.2	X	39.1	0.0	39.1	30.0
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
3312	Steel Products from Purchased Steel	3.4	31.1	3.5	35.7	0.0	X	39.1	X	39.1	33.1
3313	Alumina and Aluminum Production and Processing	0.2	0.0	0.2	0.0	X	X	X	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	0.0	X	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.5	X	0.5	X	X	X	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	1.4	0.0	1.4	0.0	X	X	X	X	X	X
3314	Nonferrous Metal (except Aluminum) Production and Processing	0.9	5.3	0.9	0.0	75.0	X	X	X	X	39.4
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.1	X	0.1	X	X	X	X	X	X	X
3315	Foundries	1.3	8.5	1.3	0.2	0.0	X	X	0.0	X	X
331511	Iron Foundries	2.3	1.6	2.3	1.6	X	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	2.3	0.0	2.3	X	0.0	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	3.5	0.0	3.5	X	X	X	X	X	X	X
332	Fabricated Metal Products	15.4	41.5	15.5	58.3	58.5	71.3	69.8	71.3	71.3	94.9
333	Machinery	11.1	70.8	11.3	57.9	63.3	98.2	98.2	98.2	98.2	98.8
334	Computer and Electronic Products	15.3	20.8	15.5	33.5	9.3	X	X	X	X	99.0
334413	Semiconductors and Related Devices	2.2	0.0	2.2	0.0	0.0	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	10.1	65.3	10.4	97.2	X	X	X	97.2	X	88.8
336	Transportation Equipment	6.3	31.0	6.4	3.2	50.6	X	0.0	26.8	X	24.7
336110	Automobile and Light Duty Motor Vehicle Manufacturing	1.1	0.0	1.1	0.0	0.0	X	X	0.0	X	0.0
3364	Aerospace Product and Parts	5.3	10.2	5.6	0.0	11.4	X	0.0	X	X	27.6
336411	Aircraft	5.6	0.0	6.0	0.0	0.0	X	X	X	X	0.0
337	Furniture and Related Products	50.9	55.3	51.9	62.2	73.5	99.0	69.9	99.0	99.0	99.0
339	Miscellaneous	16.4	46.6	16.9	98.0	55.3	99.0	99.0	99.0	X	X
	Total	3.0	5.6	3.0	9.7	7.7	28.6	30.7	23.7	53.9	25.2

Northeast Census Region

311	Food	13.9	5.9	14.4	0.0	7.2	X	X	0.0	X	X
3112	Grain and Oilseed Milling	3.8	0.0	4.7	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	10.4	0.0	10.4	0.0	X	X	X	X	X	X
3115	Dairy Product Manufacturing	4.7	14.2	5.0	0.0	0.0	X	X	0.0	X	X
3116	Animal Slaughtering and Processing	4.3	11.8	4.7	X	11.8	X	X	X	X	X
312	Beverage and Tobacco Products	14.0	X	14.0	X	X	X	X	X	X	X
3121	Beverages	14.2	X	14.2	X	X	X	X	X	X	X

3122	Tobacco	0.0	X	0.0	X	X	X	X	X	X	X
313	Textile Mills	13.0	2.0	13.4	0.0	X	X	X	0.0	X	X
314	Textile Product Mills	58.4	X	58.4	X	X	X	X	X	X	X
315	Apparel	44.3	X	44.3	X	X	X	X	X	X	X
316	Leather and Allied Products	6.0	X	6.0	X	X	X	X	X	X	X
321	Wood Products	7.5	10.4	7.6	22.7	17.5	X	X	X	X	X
321113	Sawmills	2.3	17.3	2.4	72.7	17.7	X	X	X	X	X
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	20.1	0.0	20.2	X	X	X	X	X	X	X
321219	Reconstituted Wood Products	28.0	X	28.0	X	X	X	X	X	X	X
3219	Other Wood Products	14.1	13.3	14.6	23.1	31.5	X	X	X	X	X
322	Paper	7.8	0.0	8.1	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	X	X	X	0.0
322130	Paperboard Mills	0.0	X	0.0	X	X	X	X	X	X	X
323	Printing and Related Support	23.9	99.0	23.9	X	X	X	X	X	X	X
324	Petroleum and Coal Products	0.9	5.3	1.0	12.8	21.3	12.3	X	X	X	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	X	X	X	X	X	X	0.0
324121	Asphalt Paving Mixture and Block	5.9	9.9	6.4	12.8	21.3	12.3	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	4.8	X	4.8	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	23.6	5.7	24.1	0.0	22.5	X	X	X	X	X
325110	Petrochemicals	0.0	X	0.0	X	X	X	X	X	X	X
325120	Industrial Gases	45.4	X	45.4	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemical Manufacturing	1.7	X	1.7	X	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	10.5	X	10.5	X	X	X	X	X	X	X
325211	Plastics Materials and Resins	14.8	X	14.8	X	X	X	X	X	X	X
325212	Synthetic Rubber	35.6	0.0	35.8	0.0	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	X	0.0	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	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	17.2	5.7	19.4	0.0	22.5	X	X	X	X	X
325412	Pharmaceutical Preparation	17.3	18.9	18.1	X	20.2	X	X	X	X	X
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	0.0	0.0	X	X	X	X	X	X	X
326	Plastics and Rubber Products	26.6	X	26.6	X	X	X	X	X	X	X
327	Nonmetallic Mineral Products	7.1	10.9	7.1	0.8	X	X	X	X	X	X
327120	Clay Building Material and Refractories	1.9	0.0	2.0	0.0	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	1.6	93.4	1.7	93.4	X	X	X	X	X	X
327213	Glass Containers	0.1	X	0.1	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	2.9	0.0	3.0	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	0.0	X	0.0	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	0.7	24.7	0.7	35.4	X	X	39.1	X	39.1	33.1
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	5.5	33.1	5.7	39.1	X	X	39.1	X	39.1	33.1
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	2.4	0.0	2.4	0.0	X	X	X	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.4	X	0.4	X	X	X	X	X	X	X
3315	Foundries	3.5	X	3.5	X	X	X	X	X	X	X
331511	Iron Foundries	2.9	X	2.9	X	X	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	3.8	X	3.8	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	1.8	X	1.8	X	X	X	X	X	X	X
332	Fabricated Metal Products	24.8	99.5	24.8	99.5	X	X	99.5	X	X	X
333	Machinery	31.2	98.8	31.1	98.8	X	X	X	X	X	98.8
334	Computer and Electronic Products	10.2	97.1	10.2	X	X	X	X	X	X	99.0
334413	Semiconductors and Related Devices	3.0	X	3.0	X	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	22.1	88.8	22.7	X	X	X	X	X	X	88.8
336	Transportation Equipment	22.5	0.0	23.1	0.0	0.0	X	0.0	X	X	0.0
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	11.2	0.0	12.4	0.0	0.0	X	0.0	X	X	0.0
336411	Aircraft	36.4	0.0	37.6	0.0	X	X	X	X	X	0.0
337	Furniture and Related Products	30.8	X	30.8	X	X	X	X	X	X	X
339	Miscellaneous	25.9	96.9	26.7	X	X	X	X	X	X	X
	Total	6.7	22.7	6.8	6.2	6.3	0.9	6.5	0.0	39.1	48.1

Midwest Census Region

311	Food	5.4	9.7	5.6	47.4	11.6	X	X	58.4	X	X
3112	Grain and Oilseed Milling	2.8	10.5	3.0	X	0.0	X	X	X	X	X
311221	Wet Corn Milling and Starch Manufacturing	0.0	0.0	0.0	X	0.0	X	X	X	X	X
31131	Sugar Manufacturing	0.0	0.0	0.0	X	X	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	4.4	46.9	4.4	X	46.9	X	X	X	X	X
3115	Dairy Product Manufacturing	6.6	21.2	7.2	47.4	23.0	X	X	58.4	X	X
3116	Animal Slaughtering and Processing	9.1	20.9	9.2	X	20.9	X	X	X	X	X
312	Beverage and Tobacco Products	9.2	1.8	11.9	92.1	6.1	X	92.1	X	X	97.2
3121	Beverages	9.2	1.8	11.9	92.1	6.1	X	92.1	X	X	97.2
3122	Tobacco	0.0	X	0.0	X	X	X	X	X	X	X
313	Textile Mills	7.7	X	7.7	X	X	X	X	X	X	X
314	Textile Product Mills	32.4	X	32.4	X	X	X	X	X	X	X
315	Apparel	42.6	X	42.6	X	X	X	X	X	X	X
316	Leather and Allied Products	8.2	X	8.2	X	X	X	X	X	X	X
321	Wood Products	4.6	42.5	4.5	90.4	64.0	X	88.8	X	X	79.0
321113	Sawmills	7.1	90.4	7.0	90.4	X	X	X	X	X	X
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	2.7	79.0	2.7	X	X	X	X	X	X	79.0
321219	Reconstituted Wood Products	0.6	X	0.6	X	X	X	X	X	X	X
3219	Other Wood Products	8.6	44.0	8.6	X	64.0	X	88.8	X	X	X
322	Paper	6.0	0.0	6.1	0.0	0.0	X	0.0	X	X	X
322110	Pulp Mills	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
322120	Paper Mills	0.0	0.0	0.0	0.0	X	X	0.0	X	X	X
322130	Paperboard Mills	0.0	X	0.0	X	X	X	X	X	X	X
323	Printing and Related Support	24.4	75.8	20.5	80.3	X	X	X	X	X	88.8
324	Petroleum and Coal Products	0.4	1.2	0.4	0.0	0.0	X	X	X	X	75.6
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	X	X	X	X	X	X
324121	Asphalt Paving Mixture and Block	17.2	36.9	17.3	X	0.0	X	X	X	X	75.6
324122	Asphalt Shingle and Coating Materials	1.7	X	1.7	X	X	X	X	X	X	X
324191	Petroleum Lubricating Oil and Grease Manufacturing	1.5	X	1.5	X	X	X	X	X	X	X
324199	All Other Petroleum and Coal Products Manufacturing	0.0	0.0	0.0	X	0.0	X	X	X	X	X

325	Chemicals	3.8	8.8	3.8	64.5	12.7	X	X	94.0	X	X
325110	Petrochemicals	0.0	X	0.0	X	X	X	X	X	X	X
325120	Industrial Gases	5.2	94.0	5.3	94.0	X	X	X	94.0	X	X
325180	Other Basic Inorganic Chemical Manufacturing	5.3	0.0	5.3	X	0.0	X	X	X	X	X
325193	Ethyl Alcohol	2.8	X	2.8	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	2.5	0.0	2.6	X	X	X	X	X	X	X
325211	Plastics Materials and Resins	3.1	74.2	3.1	79.3	96.2	X	X	X	X	X
325212	Synthetic Rubber	0.0	X	0.0	X	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	X	0.0	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
325312	Phosphatic Fertilizers	0.0	0.0	0.0	X	0.0	X	X	X	X	X
3254	Pharmaceuticals and Medicines	6.9	13.0	7.2	72.7	13.0	X	X	X	X	X
325412	Pharmaceutical Preparation	6.7	34.8	6.9	72.7	34.9	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	40.4	56.9	40.7	98.9	X	X	X	0.0	X	X
327	Nonmetallic Mineral Products	4.6	0.7	4.7	0.0	0.0	X	X	0.0	X	X
327120	Clay Building Material and Refractories	7.2	0.0	7.2	0.0	X	X	X	X	X	X
327211	Flat Glass	2.3	X	2.3	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.9	46.5	0.9	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	2.2	X	2.2	X	X	X	X	X	X	X
327310	Cements	5.0	X	5.0	X	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	26.9	0.0	30.5	0.0	0.0	X	X	0.0	X	X
331	Primary Metals	0.3	4.1	0.3	0.4	0.0	X	X	X	X	X
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	X	X	X	X	X	X	X
3312	Steel Products from Purchased Steel	1.7	X	1.7	X	X	X	X	X	X	X
3313	Alumina and Aluminum Production and Processing	0.2	0.0	0.2	0.0	X	X	X	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	D	0.0	D	0.0	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	1.5	0.0	1.5	0.0	X	X	X	X	X	X
3314	Nonferrous Metal (except Aluminum) Production and Processing	1.7	0.0	1.7	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	1.8	11.3	1.8	0.4	0.0	X	X	X	X	X
331511	Iron Foundries	3.2	19.7	3.2	19.7	X	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	3.3	0.0	3.3	X	0.0	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	5.1	0.0	5.1	X	X	X	X	X	X	X
332	Fabricated Metal Products	14.0	80.9	14.1	99.5	99.5	99.5	99.5	99.5	99.5	X
333	Machinery	17.7	87.4	17.8	97.7	99.0	X	X	X	X	X
334	Computer and Electronic Products	55.4	0.0	57.0	0.0	X	X	X	X	X	X
334413	Semiconductors and Related Devices	2.2	0.0	3.7	0.0	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	22.8	97.2	23.5	97.2	X	X	X	97.2	X	X
336	Transportation Equipment	10.6	65.5	10.8	0.0	95.2	X	X	0.0	X	0.0
336110	Automobile and Light Duty Motor Vehicle Manufacturing	0.1	0.0	0.1	0.0	X	X	X	0.0	X	0.0
3364	Aerospace Product and Parts	7.9	X	7.9	X	X	X	X	X	X	X
336411	Aircraft	4.4	X	4.4	X	X	X	X	X	X	X
337	Furniture and Related Products	20.1	90.1	20.7	90.1	X	X	99.0	X	X	X
339	Miscellaneous	31.2	69.5	32.4	99.0	99.0	99.0	99.0	99.0	X	X
	Total	5.3	14.8	5.4	38.1	19.3	70.9	53.1	34.0	99.5	70.5

South Census Region											
311	Food	4.6	46.3	4.6	63.9	30.8	31.4	X	31.4	X	X
3112	Grain and Oilseed Milling	10.9	X	10.9	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	4.9	63.9	5.0	X	63.9	X	X	X	X	X
3115	Dairy Product Manufacturing	11.1	31.2	11.3	X	40.5	31.4	X	31.4	X	X
3116	Animal Slaughtering and Processing	3.5	63.0	3.6	80.8	0.0	X	X	X	X	X
312	Beverage and Tobacco Products	34.9	0.0	35.0	0.0	X	X	X	X	X	X
3121	Beverages	38.5	0.0	38.6	0.0	X	X	X	X	X	X
3122	Tobacco	0.0	X	0.0	X	X	X	X	X	X	X
313	Textile Mills	7.2	0.0	7.2	X	X	X	X	X	X	X
314	Textile Product Mills	16.3	99.0	16.3	99.0	X	X	X	99.0	X	X
315	Apparel	14.0	X	14.0	X	X	X	X	X	X	X
316	Leather and Allied Products	8.0	X	8.0	X	X	X	X	X	X	X
321	Wood Products	11.1	9.8	11.2	0.0	18.8	X	X	X	X	X
321113	Sawmills	2.7	5.9	2.8	0.0	0.8	X	X	X	X	X
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	3.1	X	3.1	X	X	X	X	X	X	X
321219	Reconstituted Wood Products	4.8	X	4.8	X	X	X	X	X	X	X
3219	Other Wood Products	39.5	96.1	39.6	X	96.1	X	X	X	X	X
322	Paper	4.5	1.2	4.8	1.4	0.0	0.0	0.0	X	X	0.0
322110	Pulp Mills	0.0	0.0	0.0	0.0	X	0.0	X	X	X	X
322120	Paper Mills	0.0	0.0	0.0	0.0	X	X	0.0	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0
323	Printing and Related Support	19.9	56.6	20.1	99.0	X	X	X	X	X	69.9
324	Petroleum and Coal Products	0.1	0.7	0.1	0.0	0.9	X	X	X	X	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0
324121	Asphalt Paving Mixture and Block	3.8	48.4	3.6	X	48.4	X	X	X	X	X
324122	Asphalt Shingle and Coating Materials	1.9	0.0	2.0	0.0	X	X	X	X	X	X
324191	Petroleum Lubricating Oil and Grease Manufacturing	2.3	0.0	2.3	X	0.0	X	X	X	X	X
324199	All Other Petroleum and Coal Products Manufacturing	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325	Chemicals	2.1	8.6	2.1	15.5	18.0	0.0	X	X	X	0.0
325110	Petrochemicals	0.0	0.0	0.0	0.0	X	X	X	X	X	0.0
325120	Industrial Gases	5.3	0.0	5.3	0.0	0.0	X	X	X	X	X
325180	Other Basic Inorganic Chemical Manufacturing	3.8	77.4	3.7	X	77.4	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	0.0	0.0	0.0	X	X	X	X	X	X
325199	All Other Basic Organic Chemical Manufacturing	3.1	0.0	3.2	0.0	0.0	X	X	X	X	X
325211	Plastics Materials and Resins	5.0	0.0	5.0	X	X	X	X	X	X	X
325212	Synthetic Rubber	0.0	0.0	0.0	X	0.0	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	2.3	0.0	2.3	0.0	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	0.0	0.0	0.0	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	5.5	8.4	5.8	0.0	9.8	0.0	X	X	X	X
325412	Pharmaceutical Preparation	3.6	8.5	3.3	X	9.8	0.0	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	19.9	97.4	19.9	X	97.4	X	X	X	X	X
327	Nonmetallic Mineral Products	48.7	0.0	49.1	0.0	X	X	X	X	X	X
327120	Clay Building Material and Refractories	3.3	X	3.3	X	X	X	X	X	X	X
327211	Flat Glass	2.2	X	2.2	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.4	0.0	0.5	0.0	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	4.1	X	4.1	X	X	X	X	X	X	X
327310	Cements	3.3	X	3.3	X	X	X	X	X	X	X
327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X
327420	Gypsum	6.9	X	6.9	X	X	X	X	X	X	X
327993	Mineral Wool	1.6	X	1.6	X	X	X	X	X	X	X
331	Primary Metals	0.4	0.6	0.4	0.0	0.0	X	X	X	X	39.4
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
3312	Steel Products from Purchased Steel	8.2	0.0	8.2	0.0	0.0	X	X	X	X	X
3313	Alumina and Aluminum Production and Processing	0.3	X	0.3	X	X	X	X	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	D	X	D	X	X	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	1.1	X	1.1	X	X	X	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	3.1	X	3.1	X	X	X	X	X	X	X
3314	Nonferrous Metal (except Aluminum) Production and Processing	1.7	39.4	1.7	X	X	X	X	X	X	39.4
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.2	X	0.2	X	X	X	X	X	X	X
3315	Foundries	2.1	X	2.1	X	X	X	X	X	X	X
331511	Iron Foundries	3.7	X	3.7	X	X	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	3.2	X	3.2	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	6.3	X	6.3	X	X	X	X	X	X	X
332	Fabricated Metal Products	42.7	67.1	43.1	77.0	72.4	99.5	99.5	99.5	99.5	99.5
333	Machinery	19.2	94.4	19.2	X	94.4	X	X	X	X	X
334	Computer and Electronic Products	9.0	48.3	9.2	59.2	9.3	X	X	X	X	X
334413	Semiconductors and Related Devices	1.4	0.0	1.4	X	0.0	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	16.6	X	16.6	X	X	X	X	X	X	X
336	Transportation Equipment	11.6	48.9	11.8	41.8	20.2	X	X	44.9	X	X
336110	Automobile and Light Duty Motor Vehicle Manufacturing	1.7	0.0	1.7	0.0	0.0	X	X	0.0	X	X
3364	Aerospace Product and Parts	13.7	21.5	14.3	X	21.5	X	X	X	X	X
336411	Aircraft	2.3	0.0	2.5	X	0.0	X	X	X	X	X
337	Furniture and Related Products	71.0	63.7	72.0	80.3	73.5	99.0	91.8	99.0	99.0	99.0
339	Miscellaneous	23.1	99.0	23.1	X	X	X	X	X	X	X
	Total	5.1	4.5	5.2	3.7	5.7	58.6	63.4	88.5	98.3	16.0

West Census Region

311	Food	7.7	45.5	7.8	17.2	55.7	X	X	0.0	X	X
3112	Grain and Oilseed Milling	8.4	0.0	8.4	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	6.0	0.0	6.0	0.0	X	X	X	X	X	X
3115	Dairy Product Manufacturing	7.9	55.7	8.1	X	55.7	X	X	0.0	X	X
3116	Animal Slaughtering and Processing	7.6	80.8	7.7	36.8	X	X	X	X	X	X
312	Beverage and Tobacco Products	6.3	37.4	6.3	X	40.8	X	72.3	X	X	X
3121	Beverages	6.3	37.4	6.3	X	40.8	X	72.3	X	X	X
3122	Tobacco	0.0	X	0.0	X	X	X	X	X	X	X
313	Textile Mills	37.8	X	37.8	X	X	X	X	X	X	X
314	Textile Product Mills	49.9	X	49.9	X	X	X	X	X	X	X
315	Apparel	33.9	X	33.9	X	X	X	X	X	X	X
316	Leather and Allied Products	21.0	X	21.0	X	X	X	X	X	X	X
321	Wood Products	4.2	0.2	5.6	0.1	65.7	X	X	X	X	0.0
321113	Sawmills	2.9	0.1	5.3	0.0	65.7	X	X	X	X	0.0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	7.3	0.0	7.4	X	X	X	X	X	X	0.0
321219	Reconstituted Wood Products	0.0	X	0.0	X	X	X	X	X	X	X
3219	Other Wood Products	23.0	98.3	23.0	98.3	X	X	X	X	X	X
322	Paper	4.1	0.0	4.5	0.0	X	X	X	X	X	X

322110	Pulp Mills	0.0	0.0	0.0	0.0	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	X	X	X	X	X
323	Printing and Related Support	28.2	X	28.2	X	X	X	X	X	X	X
324	Petroleum and Coal Products	0.1	0.7	0.2	0.9	0.0	X	X	X	X	X
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
324121	Asphalt Paving Mixture and Block	3.3	25.1	3.3	87.9	0.0	X	X	X	X	X
324122	Asphalt Shingle and Coating Materials	1.0	X	1.0	X	X	X	X	X	X	X
324191	Petroleum Lubricating Oil and Grease Manufacturing	0.0	0.0	0.0	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	2.7	0.9	3.0	0.9	70.4	X	X	0.0	X	X
325110	Petrochemicals	0.0	X	0.0	X	X	X	X	X	X	X
325120	Industrial Gases	2.7	0.0	3.1	0.0	X	X	X	X	X	X
325180	Other Basic Inorganic Chemical Manufacturing	1.3	0.0	1.3	0.0	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	0.0	0.0	X	X	X	X	X	X	X
325199	All Other Basic Organic Chemical Manufacturing	1.1	0.2	2.2	0.0	70.4	X	X	X	X	X
325211	Plastics Materials and Resins	39.5	X	39.5	X	X	X	X	X	X	X
325212	Synthetic Rubber	0.0	X	0.0	X	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	X	0.0	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	X	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	8.1	13.8	8.5	26.8	X	X	X	X	X	X
325412	Pharmaceutical Preparation	11.5	0.0	12.1	0.0	X	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	31.5	X	31.5	X	X	X	X	X	X	X
327	Nonmetallic Mineral Products	34.9	11.3	34.9	0.0	X	X	X	X	X	X
327120	Clay Building Material and Refractories	4.1	41.4	4.1	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	14.6	X	14.6	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	5.0	X	5.0	X	X	X	X	X	X	X
327310	Cements	23.8	X	23.8	X	X	X	X	X	X	X
327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X
327420	Gypsum	2.9	0.0	2.9	0.0	X	X	X	X	X	X
327993	Mineral Wool	0.0	0.0	0.0	X	X	X	X	X	X	X
331	Primary Metals	1.3	8.5	1.3	0.0	75.0	X	X	0.0	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	14.3	X	14.3	X	X	X	X	X	X	X
3313	Alumina and Aluminum Production and Processing	0.6	X	0.6	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	2.1	X	2.1	X	X	X	X	X	X	X
3314	Nonferrous Metal (except Aluminum) Production and Processing	0.3	75.0	0.3	X	75.0	X	X	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.2	X	0.2	X	X	X	X	X	X	X
3315	Foundries	1.5	0.0	1.6	0.0	X	X	X	0.0	X	X
331511	Iron Foundries	0.9	0.0	0.9	0.0	X	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	5.5	X	5.5	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	3.4	0.0	3.5	X	X	X	X	X	X	X
332	Fabricated Metal Products	25.0	62.3	25.2	99.4	X	X	X	X	X	99.5
333	Machinery	32.9	97.5	33.5	98.2	97.8	98.2	98.2	98.2	98.2	X
334	Computer and Electronic Products	9.7	45.0	9.7	92.5	0.0	X	X	X	X	X

334413	Semiconductors and Related Devices	5.1	0.0	5.1	X	0.0	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	36.8	X	36.8	X	X	X	X	X	X	X
336	Transportation Equipment	6.7	16.5	7.0	0.0	0.0	X	X	X	X	73.4
336110	Automobile and Light Duty Motor Vehicle Manufacturing	14.6	X	14.6	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	5.0	16.5	5.3	0.0	0.0	X	X	X	X	73.4
336411	Aircraft	14.9	0.0	16.5	0.0	0.0	X	X	X	X	X
337	Furniture and Related Products	30.4	99.0	30.5	99.0	X	X	X	X	X	X
339	Miscellaneous	21.7	54.3	22.6	0.0	55.0	X	X	X	X	X
	Total	5.0	2.9	5.3	1.7	31.2	98.2	78.7	43.4	98.2	56.0

Economic characteristic^e

Value of shipments and receipts (million dollars)

Under 20	17.1	12.9	17.4	13.3	35.9	82.2	60.1	86.3	97.9	58.2
20-49	7.6	47.5	7.7	61.1	35.5	70.2	53.2	61.0	84.6	57.9
50-99	8.2	18.7	8.2	25.5	27.5	98.2	95.0	29.3	98.2	X
100-249	7.9	10.2	8.1	4.1	8.2	X	X	36.6	X	55.5
250-499	2.6	6.6	2.7	7.3	16.0	X	0.0	3.3	X	7.8
500 and Over	2.4	4.6	2.5	4.7	12.1	0.0	0.0	5.7	X	0.0
Total	3.0	5.6	3.0	9.7	7.7	28.6	30.7	23.7	53.9	25.2

Employment size

Under 50	15.3	14.3	15.5	29.7	30.4	82.2	93.3	86.3	97.9	58.2
50-99	8.2	20.7	8.2	37.2	37.3	99.5	60.1	99.5	99.5	88.3
100-249	7.5	15.1	7.7	21.6	17.5	98.9	62.4	32.2	39.1	48.7
250-499	3.9	12.3	3.9	8.3	13.7	98.2	98.2	98.2	98.2	48.9
500-999	2.0	4.4	2.1	2.3	0.0	0.0	0.0	2.7	X	0.0
1000 and Over	3.1	15.7	3.1	18.7	31.0	X	0.0	0.0	X	0.0
Total	3.0	5.6	3.0	9.7	7.7	28.6	30.7	23.7	53.9	25.2

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 electricity receipts during 2022. The quantities are expressed in millions of kilowatt-hours and therefore represent the quantity of electricity that could have been displaced by the given alternative type of energy.

^c *Total 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.

^d *Other* includes all other types of energy not already identified that respondents indicated could have been consumed in place of electricity.

^e *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).

