Table 11.3 Electricity: components of onsite generation, 2022 Level: National and regional data

Row: NAICS codes
Column: Onsite generation components
Unit: Million kilowatthours

				(excluding wood	
NAICS code ^a	Subsector and industry	Total onsite generation	Cogeneration ^b	and other biomass) ^c	Other ^d
Couc	Subsector and industry	generation	cogeneration	other biomassy	Other
244	First.	Total United States			
311 3112	Food Grain and Oilcood Milling	7,372 4,122	6,808 4,117	90	475
311221	Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing	1,833	1,833	0	0
31131	Sugar Manufacturing	1,631	1,606	0	25
3114	Fruit and Vegetable Preserving and Specialty Food	748	689	57	2
3115	Dairy Product Manufacturing	325	321	3	1
3116	Animal Slaughtering and Processing	210	48	5	Q
312	Beverage and Tobacco Products	251	127	104	20
3121	Beverages	224	103	102	20
3122	Tobacco	27	24	<u>2</u>	1
313	Textile Mills	215	177	5	33
314	Textile Product Mills	Q	Q		0
315 316	Apparel Leather and Allied Products	Q 2	Q Q	Q 1	0
321	Wood Products	2,271	2,215	50	6
321113	Sawmills	1,603	1,596	3	4
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	407	405	Q	*
321219	Reconstituted Wood Products	252	252	0	*
3219	Other Wood Products	260	214	Q	1
322	Paper	47,281	45,831	350	1,099
322110	Pulp Mills	18,391	18,305	86	0
322120	Paper Mills	9,413	9,263	150	*
322130	Paperboard Mills	16,922	15,802	21	1,099
323	Printing and Related Support	Q	Q	Q	*
324	Petroleum and Coal Products	23,016	22,239	240	537
324110	Petroleum Refineries	21,719	20,981	234	504
324121 324122	Asphalt Paving Mixture and Block Asphalt Shingle and Coating Materials	151 5	118 0	<u>5</u> *	28 5
324122	Petroleum Lubricating Oil and Grease Manufacturing	5	4	1	*
324199	All Other Petroleum and Coal Products Manufacturing	1,136	1,136	0	0
325	Chemicals	60,426	59,772	259	395
325110	Petrochemicals	4,437	4,437	0	0
325120	Industrial Gases	3,806	3,806	0	*
325180	Other Basic Inorganic Chemical Manufacturing	13,553	13,552	0	1
325193	Ethyl Alcohol	821	702	85	34
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	1	*	1	*
325199	All Other Basic Organic Chemical Manufacturing	5,285	5,280	3	3
325211 325212	Plastics Materials and Resins Synthetic Rubber	27,324 365	27,283 244	20	21 119
325212	Artificial and Synthetic Fibers and Filaments	179	179	*	0
325311	Nitrogenous Fertilizers	389	201	1	188
325312	Phosphatic Fertilizers	632	632	*	1
3254	Pharmaceuticals and Medicines	559	393	137	29
325412	Pharmaceutical Preparation	237	117	Q	25
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	2	2	0	*
326	Plastics and Rubber Products	910	822	Q	*
327	Nonmetallic Mineral Products	671	602	54	Q
327120	Clay Building Material and Refractories	*	0	*	*
327211	Flat Glass	Q	<u>Q</u>	1	*
327212	Other Pressed and Blown Glass and Glassware	Q	0	Q	
327213 327215	Glass Containers Glass Products from Purchased Glass	47 34	47 30	0 4	0
327310	Cements	29	0	29	*
327410	Lime	*	*	0	0
327420	Gypsum	217	213	3	1
327993	Mineral Wool	94	89	4	*
331	Primary Metals	4,920	4,891	17	11
331110	Iron and Steel Mills and Ferroalloys	3,997	3,997	*	*
3312	Steel Products from Purchased Steel	94	89	5	*
3313	Alumina and Aluminum Production and Processing	480	480	*	0
331314	Secondary Smelting and Alloying of Aluminum	16	16	*	0
331315	Aluminum Sheet, Plate and Foils	216	216	0	0
331318	Other Aluminum Rolling, Drawing and Extruding Nonferrous Metal (except Aluminum) Production and Processing	<u>12</u> 270	12 268	* Q	0
3314					

Renewable energy

3315	Foundries	78	58	10	11
331511	Iron Foundries	56	38	6	11
331523	Nonferrous Metal Die-Casting Foundries	Q	Q	*	*
331524	Aluminum Foundries, except Die-Casting	4	1	3	C
332	Fabricated Metal Products	348	206	Q	*
333	Machinery	476	Q	265	Q
334	Computer and Electronic Products	1,237	829	342	Q
334413	Semiconductors and Related Devices	584	432	152	*
335	Electrical Equip., Appliances, and Components	7	6	*	*
336	Transportation Equipment	1,152	Q	155	88
336110	Automobile and Light Duty Motor Vehicle Manufacturing	186	35	65	86
3364	Aerospace Product and Parts	296	267	29	1
336411	Aircraft	71	70	1	*
337	Furniture and Related Products	80	54	Q	0
339	Miscellaneous	156	Q	47	*
	Total	151,366	146,163	2,276	2,926
211	rd	Northeast Census Region	00	21	*
311	Food	<u>111</u>	90	21	
3112	Grain and Oilseed Milling		0	0	
311221 31131	Wet Corn Milling and Starch Manufacturing	0	0 0	0	0
31131	Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food	51	31	20	0
3115	Dairy Product Manufacturing	Q Q	Q Q	*	*
3116	Animal Slaughtering and Processing	49	47	1	
312	Beverage and Tobacco Products	49	28	Q	11
3121	Beverages	43	28	<u>Q</u>	11
3122	Tobacco	2	0	2	0
313	Textile Mills	211	177	2	33
314	Textile Product Mills	Q	Q Q	*	0
315	Apparel	Q	*	Q	0
316	Leather and Allied Products	*	0	*	0
321	Wood Products	154	136	Q	5
321113	Sawmills	16	11	Q	4
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	100	98	Q	0
321219	Reconstituted Wood Products	98	98	0	0
3219	Other Wood Products	Q	Q	Q	1
322	Paper	14,183	14,033	150	*
322110	Pulp Mills	D	D	63	0
322120	Paper Mills	3,095	3,091	3	*
322130	Paperboard Mills	170	166	4	0
323	Printing and Related Support	Q	Q	0	0
324	Petroleum and Coal Products	347	346	*	1
324110	Petroleum Refineries	344	344	0	0
324121	Asphalt Paving Mixture and Block	2	Q	0	1
324122	Asphalt Shingle and Coating Materials	*	0	0	*
324191	Petroleum Lubricating Oil and Grease Manufacturing	1	*	*	0
324199	All Other Petroleum and Coal Products Manufacturing	O	0	0	0
325	Chemicals	283	256	23	4
325110	Petrochemicals	0	0	0	0
325120	Industrial Gases	23	23	0	0
325180	Other Basic Inorganic Chemical Manufacturing	0	0	0	0
325193	Ethyl Alcohol	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	1	0	1	0
325199	All Other Basic Organic Chemical Manufacturing	15	14	0	*
325211	Plastics Materials and Resins	30	13	17	
325212	Synthetic Rubber		0	0 *	0
325220	Artificial and Synthetic Fibers and Filaments		0		0
325311	Nitrogenous Fertilizers	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0
3254	Pharmaceuticals and Medicines	214	206	4	4
325412 325992	Pharmaceutical Preparation	*	32	<u>1</u>	0
	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing		Q		
326	Plastics and Rubber Products	Q 113		Q 15	*
327	Nonmetallic Mineral Products	112 *	97	15 *	*
327120	Clay Building Material and Refractories	*	0 0	*	0
327211 327212	Flat Glass Other Pressed and Blown Glass and Glassware	Q	0	Q	0
327212	Glass Containers	Q	0	Q	0
327213	Glass Products from Purchased Glass	13	10	3	*
	Cements	0	0		0
327210	Lime	0	0	0	
327310 327410	Entre		87	3	0
327410	Gynsum	an			U
327410 327420	Gypsum Mineral Wool	90			^
327410 327420 327993	Mineral Wool	3	0	3	0
327410 327420 327993 331	Mineral Wool Primary Metals	3 771	0 769	3 2	*
327410 327420 327993 331 331110	Mineral Wool Primary Metals Iron and Steel Mills and Ferroalloys	3 771 659	0 769 659	3 2 0	*
327410 327420 327993 331	Mineral Wool Primary Metals	3 771	0 769	3 2	0 * * 0 0

331315	Aluminum Sheet, Plate and Foils	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	0	0	0	0
314	Nonferrous Metal (except Aluminum) Production and Processing	36	34	Q	*
31410	Nonferrous Metal (except Aluminum) Smelting and Refining	0	0	<u>0</u>	0
15	Foundries	38	37	1	0
31511	Iron Foundries	37	37	0	0
31523	Nonferrous Metal Die-Casting Foundries	0	0	0	0
31524	Aluminum Foundries, except Die-Casting	<u>1</u>	0	1	0
2	Fabricated Metal Products	Q	Q *	Q	0
3	Machinery	Q		Q 100	0
34443	Computer and Electronic Products	415	225	190	0
334413 35	Semiconductors and Related Devices	369	225	144	0
35 36	Electrical Equip., Appliances, and Components	6 259	6 250		1
336110	Transportation Equipment	0	0	Q 0	0
364	Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts	254	250	4	
336411	Aircraft	71	70	*	*
330411	Furniture and Related Products	0	0	0	0
37 39	Miscellaneous	Q	Q	Q	*
	Total	18,144	17,539	549	56
	TOLOI	10,144	17,333		
		Midwest Census Region			
L1	Food	4,059	4,036	19	4
112	Grain and Oilseed Milling	3,745	3,745	0	0
311221	Wet Corn Milling and Starch Manufacturing	1,743	1,743	0	0
311221	Sugar Manufacturing	279	279	0	0
114	Fruit and Vegetable Preserving and Specialty Food	17	0	15	2
114	Dairy Product Manufacturing	1	0	1	2
116	Animal Slaughtering and Processing	4	*	3	<u>1</u> 1
116		1	0	<u>3</u> 1	1
121	Beverage and Tobacco Products Beverages	1	0	<u>1</u>	0
121	Tobacco		0	0	0
122 13	Textile Mills		0	0	0
13 14	Textile Product Mills	0	0	0	0
L4 L5	Apparel	0	0	0	0
15 16	Apparei Leather and Allied Products	0	0	0	0
.6 !1	Wood Products		Q	0 Q	
321113	Sawmills		Q	<u>Q</u> *	
212	Veneer, Plywood, and Engineered Wood Product Manufacturing	Q		0	
212 321219	Reconstituted Wood Products	*	0	0	
321219 219					
	Other Wood Products	Q 2.045	Q 3,749	Q 196	*
22	Paper Dula Mills	3,945 D	5,749 D	23	
322110	Pulp Mills Paper Mills			143	0
322120	Paper Mills Paperboard Mills	2,331	2,189	143	U
322130		334	317		
23	Printing and Related Support	Q	Q	0	0
24	Petroleum and Coal Products	2,043	2,043	Q	
324110	Petroleum Refineries	1,267	1,267	0 *	0
324121	Asphalt Shingle and Coating Materials	117	117	* *	0
324122	Asphalt Shingle and Coating Materials		0		
324191	Petroleum Lubricating Oil and Grease Manufacturing	3	3 	0	0
324199	All Other Petroleum and Coal Products Manufacturing	656	656	0	0
25	Chemicals	1,997	1,878	100	19
325110	Petrochemicals	0	0	0	0
325120	Industrial Gases	0 *	0	0	0
325180	Other Basic Inorganic Chemical Manufacturing		703	0	*
325193	Ethyl Alcohol Cyclic Crydes, Intermediate and Cym and Wood Chemicals	804	702	85	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0	0	0	0
325199	All Other Basic Organic Chemical Manufacturing	1	0	0 *	1
325211	Plastics Materials and Resins	812	812		
325212	Synthetic Rubber	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	0	0	0 *	
325311	Nitrogenous Fertilizers	2	2		
325312	Phosphatic Fertilizers	0	0	0	
254	Pharmaceuticals and Medicines	97	83	13	1
325412	Pharmaceutical Preparation	7	0	7	1
25992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0	0	0	0
6	Plastics and Rubber Products	Q	0	Q	0
7	Nonmetallic Mineral Products	Q	<u>Q</u>	Q	
327120	Clay Building Material and Refractories	*	0	*	0
327211	Flat Glass	*	0	*	*
327212	Other Pressed and Blown Glass and Glassware	*	0	0	*
327213	Glass Containers	0	0	0	0
327215	Glass Products from Purchased Glass	18	18	0	*
327310	Cements	0	0	0	0
327410	Lime	0	0	0	0
327420	Gypsum	44	44	0	0
327993	Mineral Wool	0	0	0	0
327333					

331110	Iron and Steel Mills and Ferroalloys	3,339	3,339	*	*
331110	Steel Products from Purchased Steel	24	24	*	*
3313	Alumina and Aluminum Production and Processing	17	17	0	0
331314	Secondary Smelting and Alloying of Aluminum	16	16	0	0
331315	Aluminum Sheet, Plate and Foils	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	Q	Q	0	0
331310	Nonferrous Metal (except Aluminum) Production and Processing	0	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0	0	0	0
331410	Foundries	24	Q	<u>8</u>	11
331511	Iron Foundries	17	<u>Q</u>	 6	11
331511	Nonferrous Metal Die-Casting Foundries	0	0		0
331524		2	*	2	
331324	Aluminum Foundries, except Die-Casting				0
	Fabricated Metal Products	40	40	0	
33	Machinery	107	Q	<u>Q</u>	Q
34	Computer and Electronic Products	Q	Q	Q	0
334413	Semiconductors and Related Devices		0	0	0
35	Electrical Equip., Appliances, and Components		0	0	
36	Transportation Equipment	Q	Q	Q	67
336110	Automobile and Light Duty Motor Vehicle Manufacturing	68	*	1	67
3364	Aerospace Product and Parts	Q	Q	*	0
336411	Aircraft	O	0	0	0
337	Furniture and Related Products	42	36	*	Q
339	Miscellaneous	Q	Q	*	0
	Total	17,085	16,457	454	175
		South Census Region			
11	Food	2,405	2,341	Q	Q
3112	Grain and Oilseed Milling	366	366	0	0
311221	Wet Corn Milling and Starch Manufacturing	89	89	0	0
31131	Sugar Manufacturing	1,190	1,189	0	1
31131	Fruit and Vegetable Preserving and Specialty Food	584	584	*	
3115	Dairy Product Manufacturing	203	203	0	
3116	Animal Slaughtering and Processing	Q	0	Q	a
12	Beverage and Tobacco Products	92	58	Q	1
3121		67	Q	Q	
	Beverages			*	
3122	Tobacco	25	24		1
13	Textile Mills	2	0	2	0
14	Textile Product Mills	Q	Q	0	0
15	Apparel	Q	Q	0	0
16	Leather and Allied Products	Q	Q	*	0
321	Wood Products	422	417	4	*
321113	Sawmills	66	65	2	0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	217	216	Q	*
321219	Reconstituted Wood Products	154	154	0	*
3219	Other Wood Products	138	136	2	0
322	Paper	26,630	25,529	2	1,099
322110	Pulp Mills	D	D	0	0
322120	Paper Mills	3,239	3,237	2	0
322130	Paperboard Mills	15,149	14,050	*	1,099
23	Printing and Related Support	Q	Q	0	*
24	Petroleum and Coal Products	12,837	12,286	167	384
	Petroleum Refineries			167	357
324110 324121	Asphalt Paving Mixture and Block	12,329 28	11,805	1	28
.124171	Aspirate raving ivincture and DIUCK	Zŏ		1	28
	Asphalt Shingle and Coating Materials	*	^	^	
324122	Asphalt Shingle and Coating Materials	*	0	0	*
324122 324191	Petroleum Lubricating Oil and Grease Manufacturing	*	0	0	
324122 324191 324199	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing	* 0 480	0 480	0	C
324122 324191 324199 25	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals	* 0 480 55,782	0 480 55,427	0 0 22	333
324122 324191 324199 25 325110	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals	* 0 480 55,782 4,437	0 480 55,427 4,437	0 0 22 0	333
324122 324191 324199 25 325110 325120	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases	* 0 480 55,782 4,437 2,396	0 480 55,427 4,437 2,396	0 0 22 0	333
324122 324191 324199 25 325110 325120 325180	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing	* 0 480 55,782 4,437 2,396 13,004	0 480 55,427 4,437 2,396 13,003	0 0 22 0 0	333
324122 324191 324199 25 325110 325120 325180 325193	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol	* 0 480 55,782 4,437 2,396	0 480 55,427 4,437 2,396	0 0 22 0	333
324122 324191 324199 25 325110 325120 325180	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing	* 0 480 55,782 4,437 2,396 13,004	0 480 55,427 4,437 2,396 13,003	0 0 22 0 0	333
324122 324191 324199 25 325110 325120 325180 325193	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol	* 0 480 55,782 4,437 2,396 13,004	0 480 55,427 4,437 2,396 13,003	0 0 22 0 0 0	333
324122 324191 324199 25 325110 325120 325180 325193 325194	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals	* 0 480 55,782 4,437 2,396 13,004 0 *	0 480 55,427 4,437 2,396 13,003 0	0 0 22 0 0 0	1 0 1
324122 324191 324199 25 325110 325120 325180 325193 325194 325199	Petroleum Lubricating Oll and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266	0 480 55,427 4,437 2,396 13,003 0 * 5,266	0 0 22 0 0 0 0	333 (0 3 1 (0 3 21
324122 324191 324199 25 325110 325120 325180 325193 325194 325199 325211	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing Plastics Materials and Resins	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266 26,480	0 480 55,427 4,437 2,396 13,003 0 * 5,266	0 0 22 0 0 0 0 0 0	(C) 21 119
324122 324191 324199 25 325110 325120 325120 325180 325193 325194 325199 325211 325212 325220	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266 26,480 364	0 480 55,427 4,437 2,396 13,003 0 * 5,266 26,459	0 0 22 0 0 0 0 0 0 0	1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
324122 324191 324199 25 325110 325120 325180 325180 325194 325194 325199 325211 325212 325220 325311	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266 26,480 364 179 387	0 480 55,427 4,437 2,396 13,003 0 * 5,266 26,459 244 179 199	0 0 22 0 0 0 0 0 0 0 4 Q	1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
324122 324191 324199 25 325110 325120 325180 325193 325194 325199 325211 325220 325311 325312	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers Phosphatic Fertilizers	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266 26,480 364 179 387 461	0 480 55,427 4,437 2,396 13,003 0 * 5,266 26,459 244 179 199	0 0 22 0 0 0 0 0 0 0 0 1 1 0 0	C C 21 119 C C 188
324122 324191 324199 25 325110 325120 325180 325193 325194 325199 325211 325212 325212 325212 325212 325311 325312	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers Phosphatic Fertilizers Pharmaceuticals and Medicines	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266 26,480 364 179 387 461	0 480 55,427 4,437 2,396 13,003 0 * 5,266 26,459 244 179 199 461	0 0 22 0 0 0 0 0 0 1 0 0	C 21 119 C 44
324122 324191 324199 25 325110 325120 325180 325193 325194 325199 325211 325212 325213 325220 325311 325312 325412	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers Phosphatic Fertilizers Pharmaceuticals and Medicines Pharmaceutical Preparation	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266 26,480 364 179 387 461 23 7	0 480 55,427 4,437 2,396 13,003 0 * 5,266 26,459 244 179 199 461 1	0 0 22 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0	C 3333 333
324122 324191 324199 25 325110 325120 325180 325194 325199 325211 325212 325220 325312 325312 32541 325412 325992	Petroleum Lubricating Oll and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers Phosphatic Fertilizers Pharmaceuticals and Medicines Pharmaceutical Preparation Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266 26,480 364 179 387 461 23 7	0 480 55,427 4,437 2,396 13,003 0 * 5,266 26,459 244 179 199 461 1 1	0 0 22 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0	C 3333 333
324122 324191 324199 25 325110 325120 325180 325193 325193 325194 325212 325212 325212 325220 325311 325312 325412 325412 325992 26	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers Phosphatic Fertilizers Pharmaceuticals and Medicines Pharmaceutical Preparation Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing Plastics and Rubber Products	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266 26,480 364 179 387 461 23 7 2 Q	0 480 55,427 4,437 2,396 13,003 0 * 5,266 26,459 244 179 199 461 1 1 2 Q	0 0 22 0 0 0 0 0 0 * Q 1 0 0 0 * Q	C C C C C C C C C C C C C C C C C C C
324122 324191 324199 225 325110 325120 325180 325193 325194 325199 325212 325212 325212 325212 325311 325312 325412 325412 325412 325992 226	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers Phosphatic Fertilizers Pharmaceuticals and Medicines Pharmaceutical Preparation Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing Plastics and Rubber Products Nonmetallic Mineral Products	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266 26,480 364 179 387 461 23 7 2 Q 147	0 480 55,427 4,437 2,396 13,003 0 * 5,266 26,459 244 179 199 461 1 1 2 Q 145	0 0 0 22 0 0 0 0 0 0 4 Q 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 333 0 0 * * 1 1 0 0 0 0 0 0 1 3 3 3 3 3 3 3 3 3 3 3
324122 324191 324199 225 325110 325120 325180 325193 325194 325194 325193 325211 325211 325212 325211 325312 325412 325412 325992 226 227 327120	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers Phosphatic Fertilizers Pharmaceuticals and Medicines Pharmaceutical Preparation Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing Plastics and Rubber Products Nonmetallic Mineral Products Clay Building Material and Refractories	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266 26,480 364 179 387 461 23 7 2 Q 147	0 480 55,427 4,437 2,396 13,003 0 * 5,266 26,459 244 179 199 461 1 1 2 Q 145	0 0 0 22 0 0 0 0 0 0 * Q 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CC 21 119 CC 188 4 4 CC CC 11
324122 324191 324199 25 325110 325110 325120 325193 325194 325199 325211 325212 325212 325212 325311 325312 3254 325412 325992 26 27 327120 327211	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers Phosphatic Fertilizers Pharmaceuticals and Medicines Pharmaceutical Preparation Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing Plastics and Rubber Products Nonmetallic Mineral Products Clay Building Material and Refractories Flat Glass	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266 26,480 364 179 387 461 23 7 2 Q 147 0 Q	0 480 55,427 4,437 2,396 13,003 0 * 5,266 26,459 244 179 199 461 1 1 2 Q 145 0 Q	0 0 22 0 0 0 0 0 0 0 * Q 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C C C C C C C C C C C C C C C C C C C
324122 324191 324199 225 325110 325120 325180 325194 325199 325211 325212 325212 325212 325311 325312 325412 327712 3277120 3277120	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers Phosphatic Fertilizers Pharmaceuticals and Medicines Pharmaceutical Preparation Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing Plastics and Rubber Products Nonmetallic Mineral Products Clay Building Material and Refractories	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266 26,480 364 179 387 461 23 7 2 Q 147 0 Q 0	0 480 55,427 4,437 2,396 13,003 0 * 5,266 26,459 244 179 199 461 1 1 2 Q 145 0 Q 0	0 0 22 0 0 0 0 0 0 0 1 1 0 0 0 4 Q 3 3 0 0	** 0 0 0 3333 0 ** 1 1 0 0 21 1199 0 188 ** 4 4 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0
324122 324191 324199 25 325110 325120 325180 325193 325194 325199 325212 325220 325311 325312 32542 32742	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers Phosphatic Fertilizers Pharmaceuticals and Medicines Pharmaceutical Preparation Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing Plastics and Rubber Products Nonmetallic Mineral Products Clay Building Material and Refractories Flat Glass	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266 26,480 364 179 387 461 23 7 2 Q 147 0 Q	0 480 55,427 4,437 2,396 13,003 0 * 5,266 26,459 244 179 199 461 1 1 2 Q 145 0 Q 0	0 0 22 0 0 0 0 0 0 0 * Q 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C C C C C C C C C C C C C C C C C C C
324122 324191 324199 225 325110 325120 325180 325194 325199 325211 325212 325212 325212 325311 325312 325412 327712 3277120 3277120	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing Chemicals Petrochemicals Industrial Gases Other Basic Inorganic Chemical Manufacturing Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing Plastics Materials and Resins Synthetic Rubber Artificial and Synthetic Fibers and Filaments Nitrogenous Fertilizers Phosphatic Fertilizers Pharmaceuticals and Medicines Pharmaceutical Preparation Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing Plastics and Rubber Products Nonmetallic Mineral Products Clay Building Material and Refractories Flat Glass Other Pressed and Blown Glass and Glassware	* 0 480 55,782 4,437 2,396 13,004 0 * 5,266 26,480 364 179 387 461 23 7 2 Q 147 0 Q 0	0 480 55,427 4,437 2,396 13,003 0 * 5,266 26,459 244 179 199 461 1 1 2 Q 145 0 Q 0	0 0 22 0 0 0 0 0 0 0 1 1 0 0 0 4 Q 3 3 0 0	C C C C C C C C C C C C C C C C C C C

327410	Lime	*	*	0	0
327420	Gypsum	53	52	0	1
327993	Mineral Wool	89	89	0	*
331	Primary Metals	614	611	Q	*
331110	Iron and Steel Mills and Ferroalloys	*	*	0	*
3312	Steel Products from Purchased Steel	29	26	Q	0
3313	Alumina and Aluminum Production and Processing	452	452	*	0
331314	Secondary Smelting and Alloying of Aluminum	*	0	*	0
331315	Aluminum Sheet, Plate and Foils	216	216	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	0	0	0	0
3314	Nonferrous Metal (except Aluminum) Production and Processing	131	131	0	*
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	69	69	0	0
3315	Foundries	2	2	*	*
331511	Iron Foundries	1	1	0	0
331523	Nonferrous Metal Die-Casting Foundries	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	*	*	0	0
332	Fabricated Metal Products	Q	Q	Q	0
333	Machinery	256	Q	Q	Q
334	Computer and Electronic Products	Q	Q	Q	*
334413	Semiconductors and Related Devices	Q	Q	0	*
335	Electrical Equip., Appliances, and Components	*	0	0	*
336	Transportation Equipment	172	65	87	20
336110	Automobile and Light Duty Motor Vehicle Manufacturing	117	35	63	19
3364	Aerospace Product and Parts	28	4	24	1
336411	Aircraft	*	0	*	*
337	Furniture and Related Products	Q	Q	0	0
339	Miscellaneous	Q	Q	*	*
	Total	99,949	97,411	534	2,004
		West Census Region			
311	Food	797	340	49	409
3112	Grain and Oilseed Milling	12	7	5	0
311221	Wet Corn Milling and Starch Manufacturing	0	0	0	0
31131	Sugar Manufacturing	162	138	0	24
3114	Fruit and Vegetable Preserving and Specialty Food	Q	Q	22	0
3115	Dairy Product Manufacturing	120	117	2	Q
3116	Animal Slaughtering and Processing	Q	*	0	Q
312	Beverage and Tobacco Products	113	41	63	8
3121	Beverages	113	41	63	8
3122	Tobacco	0	0	0	0
313	Textile Mills	Q	*	Q	0
314	Textile Product Mills	0	0	<u>Q</u>	0
315	Apparel	Q	0	Q	0
316	Leather and Allied Products	1	0	1	0
321	Wood Products	1,608	1,597	Q	0
	Sawmills		1,512	<u>Q</u>	
321113		1,512			0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	84	84	0	0
321219	Reconstituted Wood Products	0	0	0	0
3219	Other Wood Products	Q	0	<u>Q</u>	0
322	Paper	2,523	2,521	2	0
322110	Pulp Mills	99	99	0	0
322120	Paper Mills	748	746	2	0
322130	Paperboard Mills	1,269	1,269	0	0
323	Printing and Related Support	Q	QQ	Q	0
324	Petroleum and Coal Products	7,789	7,565	71	152
324110	Petroleum Refineries	7,779	7,565	67	147
324121	Asphalt Paving Mixture and Block	4	*	4	0
324122	Asphalt Shingle and Coating Materials	5	0	*	5
324191	Petroleum Lubricating Oil and Grease Manufacturing	*	0	*	*
324199	All Other Petroleum and Coal Products Manufacturing	0	0	0	0
325	Chemicals	2,363	2,209	Q	40
325110	Petrochemicals		0	0	0
325120	Industrial Gases	1,387	1,387	0	0
325180	Other Basic Inorganic Chemical Manufacturing	549	549	0	0
325193	Ethyl Alcohol	17	0	0	17
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0	0	0	0
325199	All Other Basic Organic Chemical Manufacturing	5	0	3	Q
325211	Plastics Materials and Resins	1	0	1	*
325212	Synthetic Rubber	1	0	1	0
325220	Artificial and Synthetic Fibers and Filaments	0	0	0	0
325311	Nitrogenous Fertilizers	*	*	*	0
	Phosphatic Fertilizers	171	171	0	1
325312	Pharmaceuticals and Medicines	225	Q	Q	21
		190	Q	Q	21
	Pharmaceutical Preparation				
3254	Pharmaceutical Preparation Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0	0	0	0
3254 325412 325992		0		0 Q	*
3254 325412 325992 326	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing Plastics and Rubber Products	0 Q	Q	Q	*
3254 325412	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0			* Q *

327212	Other Pressed and Blown Glass and Glassware	0	0	0	0
327213	Glass Containers	47	47	0	0
327215	Glass Products from Purchased Glass	3	2	1	*
327310	Cements	29	0	29	*
327410	Lime	*	*	0	0
327420	Gypsum	31	31	0	*
327993	Mineral Wool	1	*	1	0
331	Primary Metals	131	127	4	0
331110	Iron and Steel Mills and Ferroalloys	*	*	0	0
3312	Steel Products from Purchased Steel	Q	0	Q	0
3313	Alumina and Aluminum Production and Processing	12	11	*	0
331314	Secondary Smelting and Alloying of Aluminum	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	12	11	*	0
3314	Nonferrous Metal (except Aluminum) Production and Processing	102	102	*	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	102	102	*	0
3315	Foundries	14	13	1	0
331511	Iron Foundries	*	*	*	0
331523	Nonferrous Metal Die-Casting Foundries	Q	Q	*	0
331524	Aluminum Foundries, except Die-Casting	1	0	1	0
332	Fabricated Metal Products	Q	Q	Q	0
333	Machinery	Q	Q	Q	Q
334	Computer and Electronic Products	364	Q	Q	Q
334413	Semiconductors and Related Devices	Q	Q	8	*
335	Electrical Equip., Appliances, and Components	*	0	*	0
336	Transportation Equipment	Q	0	Q	*
336110	Automobile and Light Duty Motor Vehicle Manufacturing	1	0	1	*
3364	Aerospace Product and Parts	1	0	1	0
336411	Aircraft	0	0	0	0
337	Furniture and Related Products	Q	Q	Q	0
339	Miscellaneous	Q	Q	Q	*
	Total	16,187	14,757	739	692

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-846, 2022 Manufacturing Energy Consumption Survey
Note: Totals may not equal sum of components because of independent rounding

D=Withheld to avoid disclosing data for individual establishments.

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

NA=Not available.

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).

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 Cogeneration is the production of electrical energy and another form of useful energy, such as heat or steam, through the sequential use of energy. Cogeneration includes electricity generated from fossil fuels, such as natural gas, fuel oils, and coal; wood; and other biomass.

c Renewable energy is energy obtained from essentially inexhaustible sources. Noncombustible sources include solar power, wind power, hydropower, and geothermal power.

d Other is that electricity obtained from a generator fueled by combustible energy sources, such as diesel fuels and other fuel oils.

^{*} Estimate less than 0.5.

RSE Table 11.3 Relative standard errors for table 11.3

Unit: Percentage

NAICS				(excluding wood	
code ^a	Subsector and industry	Total onsite generation	Cogeneration ^b	and other biomass) ^c	Other ^d
		Fatal United States			
311	Food	Total United States 2.8	1.2	21.5	40.2
3112	Grain and Oilseed Milling	0.6	0.6	43.3	64.5
311221	Wet Corn Milling and Starch Manufacturing	0.0	0.0	X	X
31131	Sugar Manufacturing	0.0	0.0	X 16.2	0.0
3114	Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing	9.3 7.5	10.1 7.6	16.2 14.0	46.9 32.9
3116	Animal Slaughtering and Processing	39.4	5.7	28.9	52.6
	Beverage and Tobacco Products	12.5	18.8	19.5	10.7
3121	Beverages	14.0	23.2	19.9	11.0
3122	Tobacco	0.0	0.0	0.0	0.0
	Textile Mills	0.6	0.1	25.1	0.0
	Textile Product Mills	73.7	73.8	99.3	X
	Apparel Leather and Allied Products	70.5 46.8	69.2 96.4	86.8 30.8	X X
	Wood Products	2.3	2.1	48.6	5.8
321113	Sawmills	0.7	0.7	20.8	4.0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	1.2	1.2	70.1	0.0
321219	Reconstituted Wood Products	1.8	1.8	X	0.0
3219	Other Wood Products	19.2	20.6	53.5	22.3
	Paper	0.6	0.6	18.4	0.0
322110 322120	Pulp Mills Paper Mills	0.0	0.0	0.0	0.0
322130	Paper Mills Paperboard Mills	0.0	0.0	0.0	0.0
	Printing and Related Support	62.5	65.9	99.0	98.5
	Petroleum and Coal Products	0.1	0.1	0.3	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0
324121	Asphalt Paving Mixture and Block	9.4	12.0	14.4	0.0
324122	Asphalt Shingle and Coating Materials	0.0	X	0.0	0.0
324191	Petroleum Lubricating Oil and Grease Manufacturing	11.3	14.1	0.0	0.0
324199 325	All Other Petroleum and Coal Products Manufacturing Chemicals	0.0 0.5	0.0 0.5	X 25.6	2.2
325110	Petrochemicals	0.0	0.0	X X	X
325120	Industrial Gases	0.0	0.0	X	0.0
325180	Other Basic Inorganic Chemical Manufacturing	0.1	0.1	Х	0.0
325193	Ethyl Alcohol	6.6	7.2	19.3	25.6
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	0.0
325199	All Other Basic Organic Chemical Manufacturing	1.8	1.8	0.0	46.6
325211	Plastics Materials and Resins	0.1	0.1	3.0	0.2
325212 325220	Synthetic Rubber Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0 X
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	14.7	14.0	46.9	1.0
325412	Pharmaceutical Preparation	34.0	46.5	66.3	0.6
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	0.0	X	0.0
	Plastics and Rubber Products	41.5	45.2	70.1	93.6
	Nonmetallic Mineral Products	32.2	35.8	10.6	84.4
327120 327211	Clay Building Material and Refractories Flat Glass	0.0 73.0	X 85.3	0.0	0.0
327211	Other Pressed and Blown Glass and Glassware	73.0	X	73.5	0.0
327213	Glass Containers	0.0	0.0	X	X
327215	Glass Products from Purchased Glass	3.5	3.8	7.0	3.6
327310	Cements	0.0	X	0.0	0.0
327410	Lime	0.0	0.0	X	X
327420	Gypsum	0.0	0.0	0.0	0.0
327993	Mineral Wool	0.0	0.0	0.0	0.0
331 331110	Primary Metals Iron and Steel Mills and Ferroalloys	1.0 0.0	1.0	16.7 0.0	0.0
331110	Steel Products from Purchased Steel	18.4	19.3	48.0	0.0
3313	Alumina and Aluminum Production and Processing	0.2	0.1	85.6	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	X	X

221210	Other Aluminum Palling Descring and Estanding	C 4	F.0.	07.7	V
331318 3314	Other Aluminum Rolling, Drawing and Extruding Nonferrous Metal (except Aluminum) Production and Processing	6.4 16.7	5.9 16.8	87.7 53.2	X 0.0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	0.0	X
3315	Foundries	6.6	8.9	9.7	0.0
331511	Iron Foundries	1.8	0.8	15.0	0.0
331523	Nonferrous Metal Die-Casting Foundries	56.8	59.2	28.9	0.0
331524	Aluminum Foundries, except Die-Casting	7.2	38.4	0.0	X
332	Fabricated Metal Products	31.6	37.8	55.3	69.9
333	Machinery	30.1	70.7	35.0	61.5
334	Computer and Electronic Products	31.4	43.6	26.8	82.4
334413	Semiconductors and Related Devices	23.1	30.6	2.1	0.0
335 336	Electrical Equip., Appliances, and Components Transportation Equipment	48.7	61.6	27.4	65.7 0.5
336110	Automobile and Light Duty Motor Vehicle Manufacturing	7.4	0.0	21.4	0.0
3364	Aerospace Product and Parts	3.6	4.0	1.3	12.8
336411	Aircraft	0.0	0.0	0.0	0.0
337	Furniture and Related Products	33.1	38.7	75.7	96.5
339	Miscellaneous	49.0	61.0	48.2	74.5
	Total	0.7	0.6	8.8	7.7
		Northeast Census Region			
311	Food	10.4	12.9	2.4	62.4
3112	Grain and Oilseed Milling	64.5	X	X	64.5
311221	Wet Corn Milling and Starch Manufacturing	x	X	X	X
31131	Sugar Manufacturing	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	7.4	12.2	0.0	X
3115	Dairy Product Manufacturing	87.8	87.8	87.8	0.0
3116	Animal Slaughtering and Processing	5.7	5.8	44.9	X
312 3121	Beverage and Tobacco Products Beverages	9.2 9.6	0.0	61.5 97.2	19.1 19.1
3122	Tobacco	0.0	V.0	0.0	13.1 X
313	Textile Mills	0.0	0.0	0.0	0.0
314	Textile Product Mills	98.8	99.3	99.3	X
315	Apparel	99.1	99.3	99.1	X
316	Leather and Allied Products	75.4	Х	75.4	X
321	Wood Products	17.7	18.9	74.1	6.2
321113	Sawmills	3.6	0.5	59.8	4.0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	4.6	4.5	92.0	X
321219	Reconstituted Wood Products	4.5	4.5	X	X
3219	Other Wood Products	70.9	94.7	89.7	28.9
322 322110	Paper Pulp Mills	0.5 D	0.1 D	43.0	0.0 X
322120	Paper Mills	0.0	0.0	0.0	0.0
322130	Paperboard Mills	0.0	0.0	0.0	X
323	Printing and Related Support	96.6	96.6	X	X
324	Petroleum and Coal Products	0.2	0.2	0.0	0.0
324110	Petroleum Refineries	0.0	0.0	X	Х
324121	Asphalt Paving Mixture and Block	36.2	50.1	X	0.0
324122	Asphalt Shingle and Coating Materials	0.0	X	X	0.0
324191	Petroleum Lubricating Oil and Grease Manufacturing	0.0	0.0	0.0	X
324199	All Other Petroleum and Coal Products Manufacturing	X	X	X	X
325 325110	Chemicals Petrochemicals	0.1 X	0.1 X	0.0 X	4.4
325120	Industrial Gases	0.0	0.0	X	X
325180	Other Basic Inorganic Chemical Manufacturing	X	X	X	X
325193	Ethyl Alcohol	X	^_	X	^ X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	X	0.0	X
325199	All Other Basic Organic Chemical Manufacturing	0.1	0.0	X	65.6
325211	Plastics Materials and Resins	0.0	0.0	0.0	0.0
325212	Synthetic Rubber	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	X	0.0	X
325311	Nitrogenous Fertilizers	X		X	X
325312	Phosphatic Fertilizers	X		X	X
3254	Pharmaceuticals and Medicines	0.1	0.1	0.0	4.6
325412	Pharmaceutical Preparation	0.1	0.1	0.0	X
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0 E1.4	X E1 0	X	0.0
326 327	Plastics and Rubber Products Nonmetallic Mineral Products	51.4 3.2	51.8 1.0	56.2 22.4	92.4
327120	Clay Building Material and Refractories	0.0	X	0.0	40.2 X
327211	Flat Glass	0.0	^_	0.0	^ X
327212	Other Pressed and Blown Glass and Glassware	73.5	X	73.5	0.0
327213	Glass Containers	X	X	X	X
327215	Glass Products from Purchased Glass	7.4	9.7	8.2	79.7

327310	Cements	x	X	X	x
327410	Lime	x	X	X	X
327420	Gypsum	0.0	0.0	0.0	X
327993	Mineral Wool	0.0	X	0.0	X
331	Primary Metals	2.2	2.2	39.8	0.0
331110 3312	Iron and Steel Mills and Ferroalloys Steel Products from Purchased Steel	0.0 44.2	0.0 44.2	X X	0.0 X
3313	Alumina and Aluminum Production and Processing	0.0	0.0	X	^
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	X	X
331315	Aluminum Sheet, Plate and Foils	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	X	X	X	X
3314	Nonferrous Metal (except Aluminum) Production and Processing	2.3	0.0	55.7	0.0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	X	X	Х	X
3315	Foundries	0.0	0.0	0.0	X
331511	Iron Foundries	0.0	0.0	X	X
331523	Nonferrous Metal Die-Casting Foundries	X	X	Х	X
331524	Aluminum Foundries, except Die-Casting	0.0	X	0.0	X
332	Fabricated Metal Products	60.1	70.4	72.3	X
333	Machinery	73.0	0.0	73.1	X
334	Computer and Electronic Products	6.6	0.0	14.4	X
334413	Semiconductors and Related Devices	0.0	0.0	0.0	X
335	Electrical Equip., Appliances, and Components	0.8	0.0	92.6	X
336	Transportation Equipment	1.6	0.0	51.0	1.0
336110	Automobile and Light Duty Motor Vehicle Manufacturing	X	X	X	X
3364	Aerospace Product and Parts	0.1	0.0	0.0	3.8
336411	Aircraft Furtilities and Deleted Decirities	0.0 X	0.0 X	0.0 X	0.0
337	Furniture and Related Products				X
339	Miscellaneous Total	69.5 2.4	87.8 2.5	68.9 15.5	99.0
	10(a)		2.5	13.3	
		Midwest Census Region			
311	Food	0.3	0.3	2.0	26.2
3112	Grain and Oilseed Milling	0.0	0.0	X	X
311221	Wet Corn Milling and Starch Manufacturing	0.0	0.0	X	X
31131	Sugar Manufacturing	0.0	0.0	X 0.0	X
3114 3115	Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing	5.5 26.0	X X	49.7	46.9
3116	Animal Slaughtering and Processing	11.5	0.1	0.1	38.4
3110	Beverage and Tobacco Products	16.7	X	16.7	X
3121	Beverages	16.7	X	16.7	X
3122	Tobacco	X	X	X	X
313	Textile Mills	X	X	X	X
314	Textile Product Mills	X	X	X	X
315	Apparel	X	X	X	X
316	Leather and Allied Products	X	X	X	X
321	Wood Products	47.7	55.3	96.1	2.5
321113	Sawmills	82.7	83.1	0.0	0.0
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	26.9	27.1	X	0.0
321219	Reconstituted Wood Products	0.0	X	X	0.0
3219	Other Wood Products	56.3	69.7	96.3	2.9
322	Paper	3.7	3.9	2.7	0.0
322110	Pulp Mills	D	D	0.0	X
322120	Paper Mills	0.0	0.0	0.0	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0
323	Printing and Related Support	92.6	92.6	X	X
324	Petroleum and Coal Products	0.7	0.7	60.2	0.0
324110	Petroleum Refineries	0.0	0.0	X	X
324121	Asphalt Paving Mixture and Block	12.1	12.2	75.6	X
324122	Asphalt Shingle and Coating Materials	0.0	X	0.0	0.0
324191	Petroleum Lubricating Oil and Grease Manufacturing All Other Petroleum and Coal Products Manufacturing	16.3	16.3	X	X
324199 325	All Other Petroleum and Coal Products Manufacturing Chemicals	0.0 13.8	0.0 14.6	X 16.6	X 46.8
325110	Petrochemicals	X	X	X X	46.8 X
325110	Industrial Gases	x	X	X	^
325120	Other Basic Inorganic Chemical Manufacturing	0.0	0.0	X	0.0
325193	Ethyl Alcohol	6.8	7.2	19.3	51.1
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	X	X	X	X
325199	All Other Basic Organic Chemical Manufacturing	0.0	X	X	0.0
325211	Plastics Materials and Resins	4.5	4.5	65.7	0.0
	Synthetic Rubber	X	X	X	X
325212	Synthetic Nabbel				
325212 325220	Artificial and Synthetic Fibers and Filaments	X	Х	Х	Х

3254	Pharmaceuticals and Medicines	1.7	0.0	12.8	19.9
325412	Pharmaceutical Preparation	22.9	Х	25.4	19.9
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	X	X	X	X
	Plastics and Rubber Products	91.7	X	91.7	X
	Nonmetallic Mineral Products	76.4	76.9	78.7	0.0
327120	Clay Building Material and Refractories	0.0	X	0.0	X
327211	Flat Glass	0.0	X	0.0	0.0
327212 327213	Other Pressed and Blown Glass and Glassware Glass Containers	0.0 X	X X	X X	0.0
327215	Glass Products from Purchased Glass	0.0	0.0	X	0.0
327310	Cements	X	X	X	X
327410	Lime	X	X	X	X
327420	Gypsum	0.0	0.0	X	X
327993	Mineral Wool	X	X	X	X
331	Primary Metals	0.2	0.2	11.3	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	4.3	4.3	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	X	X
331315	Aluminum Sheet, Plate and Foils	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	78.3	78.3	X	X
3314	Nonferrous Metal (except Aluminum) Production and Processing	X	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	X 21.0	X	X	X
3315	Foundries	21.0	90.6	12.0	0.0
331511 331523	Iron Foundries Nonforcous Matal Dia Casting Foundries	5.6 X	X X	15.5 X	0.0
331523	Nonferrous Metal Die-Casting Foundries Aluminum Foundries, except Die-Casting	7.7	47.3	0.0	X
	Fabricated Metal Products	45.5	45.7	X	69.9
	Machinery	42.2	98.6	77.4	53.2
	Computer and Electronic Products	91.3	98.5	98.5	X
334413	Semiconductors and Related Devices	X	X	X	X
335	Electrical Equip., Appliances, and Components	89.9	X	Х	89.9
	Transportation Equipment	79.9	94.3	90.4	0.0
336110	Automobile and Light Duty Motor Vehicle Manufacturing	0.0	0.0	0.0	0.0
3364	Aerospace Product and Parts	81.2	81.2	86.2	X
336411	Aircraft	x	X	X	X
	Furniture and Related Products	43.6	48.4	99.0	96.5
	Miscellaneous	89.8	99.0	99.0	X
	Total	4.4	4.6	13.2	21.3
	s	South Census Region			
311	Food	2.0	1.5	83.6	54.0
3112	Grain and Oilseed Milling	6.6	6.6	X	X
311221	Wet Corn Milling and Starch Manufacturing	0.0	0.0	X	X
31131	Sugar Manufacturing	0.0	0.0	X	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	0.1	0.0		X
3115	Dairy Product Manufacturing			25.4	
3116		12.1	12.1	X	X
242	Animal Slaughtering and Processing	54.3	X	X 94.8	X 55.6
	Beverage and Tobacco Products	54.3 30.5	X 36.7	X 94.8 55.1	X 55.6 0.0
3121	Beverage and Tobacco Products Beverages	54.3 30.5 41.8	X 36.7 62.7	X 94.8 55.1 55.4	X 55.6 0.0 X
3121 3122	Beverage and Tobacco Products Beverages Tobacco	54.3 30.5 41.8 0.0	X 36.7 62.7 0.0	X 94.8 55.1 55.4 0.0	X 55.6 0.0 X 0.0
3121 3122 313	Beverage and Tobacco Products Beverages Tobacco Textile Mills	54.3 30.5 41.8 0.0 35.3	X 36.7 62.7 0.0 X	X 94.8 55.1 55.4 0.0 35.3	X 55.6 0.0 X 0.0 X
3121 3122 313 314	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills	54.3 30.5 41.8 0.0 35.3 96.1	X 36.7 62.7 0.0 X 96.1	X 94.8 55.1 55.4 0.0 35.3 X	X 55.6 0.0 X 0.0 X X
3121 3122 313 314 315	Beverage and Tobacco Products Beverages Tobacco Textile Mills	54.3 30.5 41.8 0.0 35.3 96.1 69.4	X 36.7 62.7 0.0 X 96.1 69.4	X 94.8 55.1 55.4 0.0 35.3 X	X 55.6 0.0 X 0.0 X 0.0 X
3121 3122 313 314 315 316	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel	54.3 30.5 41.8 0.0 35.3 96.1	X 36.7 62.7 0.0 X 96.1	X 94.8 55.1 55.4 0.0 35.3 X	X 55.6 0.0 X 0.0 X X
3121 3122 313 314 315 316	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1	X 36.7 62.7 0.0 X 96.1 69.4 96.4	X 94.8 55.1 55.4 0.0 35.3 X X	X 55.6 0.0 X 0.0 X X X X X
3121 3122 313 314 315 316 321	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1 2.9	X 36.7 62.7 0.0 X 96.1 69.4 96.4 3.0	X 94.8 55.1 55.4 0.0 35.3 X X X 57.8	X 55.6 0.0 X 0.0 X X X X X X
3121 3122 313 314 315 316 321 321113	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1 2.9	X 36.7 62.7 0.0 X 96.1 69.4 96.4 3.0 15.0	X 94.8 55.1 55.4 0.0 35.3 X X X 57.8 14.6	X 55.6 0.0 X 0.0 X X X X X 0.0 X 0.0
3121 3122 313 314 315 316 321 321113 3212	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1 2.9 14.6	X 36.7 62.7 0.0 X 96.1 69.4 96.4 3.0 15.0	X 94.8 55.1 55.4 0.0 35.3 X X 57.8 14.6 0.0 97.0	X 55.6 0.0 X 0.0 X X X X X 0.0 X 0.0 0.0 0.0 0
3121 3122 313 314 315 316 321 321113 32112 32129 3219	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products Other Wood Products Paper	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1 2.9 14.6 0.3 0.0 5.6	X 36.7 62.7 0.0 X 96.1 69.4 96.4 3.0 15.0 0.0 0.0 5.6	X 94.8 55.1 55.4 0.0 35.3 X X X 57.8 14.6 0.0 97.0 X 0.0 0.0	X 55.6 0.0 X 0.0 X X X X 0.0 X 0.0 0.0 X
3121 3122 313 314 315 316 321 32113 3212 32129 3219 322 32210	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products Other Wood Products Paper Pulp Mills	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1 2.9 14.6 0.3 0.0 5.6 0.0 D	X 36.7 62.7 0.0 X 96.1 69.4 96.4 3.0 15.0 0.0 0.0 5.6 0.0	X 94.8 55.1 55.4 0.0 35.3 X X 57.8 14.6 0.0 97.0 X 0.0 0.0 X	X 55.6 0.0 X 0.0 X X X X 0.0 X 0.0 0.0 X
3121 3122 313 314 315 316 321 32113 32113 3212 321219 3219 322 322110 322120	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products Other Wood Products Paper Pulp Mills Paper Mills	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1 2.9 14.6 0.3 0.0 5.6 0.0 D	X 36.7 62.7 0.0 X 96.1 69.4 96.4 3.0 15.0 0.0 0.0 5.6 0.0	X 94.8 55.1 55.4 0.0 35.3 X X X 57.8 14.6 0.0 97.0 X 0.0 0.0 X 0.0 X 0.0	X 55.6 0.0 X 0.0 X X X 3 0.0 0.0 0.0 X 0.0 0.0 X
3121 3122 313 314 315 316 321 321113 3212 321219 3219 322 322110 322120 322130	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products Other Wood Products Paper Pulp Mills Paper Mills Paper Mills	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1 2.9 14.6 0.3 0.0 5.6 0.0 D 0.0	X 36.7 62.7 0.0 X 96.1 69.4 96.4 3.0 15.0 0.0 0.0 5.6 0.0 0.0 0.0	X 94.8 55.1 55.4 0.0 35.3 X X X 57.8 14.6 0.0 97.0 X 0.0 0.0 X 0.0 0.0 0.0	X 55.6 0.0 X 0.0 X X X 0.0 0.0 X 0.0 0.0
3121 3122 313 314 315 316 321 321113 32121 321219 321219 322 322110 322120 322130 323	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products Other Wood Products Paper Pulp Mills Paper Mills Paperboard Mills Printing and Related Support	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1 2.9 14.6 0.3 0.0 5.6 0.0 D 0.0 0.0 78.7	X 36.7 62.7 0.0 X 96.1 69.4 96.4 3.0 15.0 0.0 0.0 5.6 0.0 D 0.0 0.0 78.8	X 94.8 55.1 55.4 0.0 35.3 X X X 57.8 14.6 0.0 97.0 X 0.0 0.0 X 0.0 0.0 X	X 55.6 0.0 X 0.0 X X X X 0.0 0.0 X 0.0 0.0 X 0.0 0.0
3121 3122 313 314 315 316 321 321113 3212 321219 32129 3219 322 322110 322120 322130 3223 323	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products Other Wood Products Paper Pulp Mills Paper Mills Paper Mills Paperboard Mills Printing and Related Support Petroleum and Coal Products	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1 2.9 14.6 0.3 0.0 5.6 0.0 D 0.0 0.0 78.7 0.1	X 36.7 62.7 0.0 X 96.1 69.4 96.4 3.0 15.0 0.0 0.0 5.6 0.0 D 0.0 78.8 0.1	X 94.8 55.1 55.4 0.0 35.3 X X 57.8 14.6 0.0 97.0 X 0.0 0.0 X 0.0 X 0.0 0.0 X 0.0 0.0 X 0.0 0.0	X 55.6 0.0 X 0.0 X X X 0.0 0.0 0.0 0
3121 3122 313 314 315 316 321 321113 321219 3219 3219 3229 32210 32210 32210 322130 323 324 324110	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products Other Wood Products Paper Pulp Mills Paper Mills Paper Mills Paper Mills Printing and Related Support Petroleum and Coal Products Petroleum Refineries	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1 2.9 14.6 0.3 0.0 5.6 0.0 D 0.0 78.7 0.1 0.0	X 36.7 62.7 0.0 X 96.1 69.4 96.4 3.0 15.0 0.0 0.0 5.6 0.0 D 0.0 78.8 0.1 0.0	X 94.8 55.1 55.4 0.0 35.3 X X X 57.8 14.6 0.0 97.0 X 0.0 0.0 X 0.0 0.0 X 0.0 0.0 X 0.0 0.0	X 55.6 0.0 X 0.0 X X X X 0.0 0.0 0.0 X 0.0 0.0
3121 3122 313 314 315 316 321 321113 321219 321219 3219 32210 32210 322120 322130 323 324 324110 324121	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products Other Wood Products Paper Pulp Mills Paper Mills Paper Mills Printing and Related Support Petroleum and Coal Products Petroleum Refineries Asphalt Paving Mixture and Block	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1 2.9 14.6 0.3 0.0 5.6 0.0 D 0.0 0.0 78.7 0.1 0.0 0.1	X 36.7 62.7 0.0 X 96.1 69.4 96.4 3.0 15.0 0.0 0.0 5.6 0.0 D 0.0 0.0 78.8 0.1 0.0 35.0	X 94.8 55.1 55.4 0.0 35.3 X X X 57.8 14.6 0.0 97.0 X 0.0 0.0 X 0.0 0.0 X 0.0 0.0 X 0.0 0.0	X 55.6 0.0 X 0.0 X X X X 0.0 0.0 0.0
3121 3122 313 314 315 316 321 32113 3212 321219 32129 322130 322120 322130 322130 32323 324 324110 324121 324122	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products Other Wood Products Paper Pulp Mills Paper Mills Paper Mills Printing and Related Support Petroleum and Coal Products Petroleum Refineries Asphalt Paving Mixture and Block Asphalt Shingle and Coating Materials	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1 2.9 14.6 0.3 0.0 5.6 0.0 D 0.0 0.0 78.7 0.1 0.0 0.1	X 36.7 62.7 0.0 X 96.1 69.4 96.4 3.0 15.0 0.0 0.0 5.6 0.0 D 0.0 0.0 78.8 0.1 0.0 35.0 X	X 94.8 55.1 55.4 0.0 35.3 X X X 57.8 14.6 0.0 97.0 X 0.0 0.0 X 0.0 0.0 X 0.0 0.0 X	X 55.6 0.0 X 0.0 X X X X 0.0 0.0 X 0.0 0.0
3121 3122 313 314 315 316 321 32113 3212 32129 3229 32210 32	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products Other Wood Products Paper Pulp Mills Paper Mills Paper Mills Printing and Related Support Petroleum and Coal Products Petroleum Refineries Asphalt Paving Mixture and Block Asphalt Shingle and Coating Materials Petroleum Lubricating Oil and Grease Manufacturing	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1 2.9 14.6 0.3 0.0 5.6 0.0 D 0.0 0.0 78.7 0.1 0.0 0.1 0.0 X	X 36.7 62.7 0.0 X 96.1 69.4 96.4 3.0 15.0 0.0 0.0 5.6 0.0 0.0 78.8 0.1 0.0 35.0 X X	X 94.8 55.1 55.4 0.0 35.3 X X X 57.8 14.6 0.0 97.0 X 0.0 0.0 X 0.0 0.0 X 0.0 0.0 X 0.0 0.0	X 55.6 0.0 X 0.0 X X X X 0.0 0.0 X 0.0 0.0
3121 3122 313 314 315 316 321 321113 3212 321219 3219 322 322110 322120 322130 323 324 324110 324121 324122 324191 324199	Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products Other Wood Products Paper Pulp Mills Paper Mills Paper Mills Printing and Related Support Petroleum and Coal Products Petroleum Refineries Asphalt Paving Mixture and Block Asphalt Shingle and Coating Materials	54.3 30.5 41.8 0.0 35.3 96.1 69.4 83.1 2.9 14.6 0.3 0.0 5.6 0.0 D 0.0 0.0 78.7 0.1 0.0 0.1	X 36.7 62.7 0.0 X 96.1 69.4 96.4 3.0 15.0 0.0 0.0 5.6 0.0 D 0.0 0.0 78.8 0.1 0.0 35.0 X	X 94.8 55.1 55.4 0.0 35.3 X X X 57.8 14.6 0.0 97.0 X 0.0 0.0 X 0.0 0.0 X 0.0 0.0 X	X 55.6 0.0 X 0.0 X X X X 0.0 0.0 X 0.0 0.0

325180	Industrial Gases	0.0	0.0	X	0.0
	Other Basic Inorganic Chemical Manufacturing	0.0	0.0	X	0.0
325193 325194	Ethyl Alcohol Cyclic Crydes Intermediate and Cymand Wood Chemicals	X	X 0.0	X 	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals All Other Basic Organic Chemical Manufacturing	0.0 1.9	1.9	0.0	0.0 X
325211	Plastics Materials and Resins	0.1	0.0	67.6	0.2
325212	Synthetic Rubber	0.0	0.0	0.0	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	X	0.0
325312 3254	Phosphatic Fertilizers Pharmaceuticals and Medicines	0.0 40.7	0.0	0.0 50.6	0.0 4.6
325412	Pharmaceutical Preparation	0.0	0.0	0.0	0.0
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	0.0	X	X
326	Plastics and Rubber Products	54.6	69.0	89.7	Х
327	Nonmetallic Mineral Products	2.2	2.2	0.0	2.4
327120	Clay Building Material and Refractories	X	X	X	X
327211	Flat Glass	83.4	85.3	0.0	0.0
327212 327213	Other Pressed and Blown Glass and Glassware Glass Containers	X X	X X	X X	X
327215	Glass Products from Purchased Glass	X	X	X	X
327310	Cements	X	X	X	Х
327410	Lime	0.0	0.0	X	Х
327420	Gypsum	0.0	0.0	X	0.0
327993	Mineral Wool	0.0	0.0	X	0.0
331 331110	Primary Metals Iron and Steel Mills and Ferroalloys	7.3 0.0	7.4 0.0	67.8 X	0.0
3312	Steel Products from Purchased Steel	6.5	0.0	70.9	U.U
3313	Alumina and Aluminum Production and Processing	0.0	0.0	0.0	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	X	0.0	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	X	X	X	X
3314 331410	Nonferrous Metal (except Aluminum) Production and Processing	34.3 0.0	34.3 0.0	X X	0.0
3315	Nonferrous Metal (except Aluminum) Smelting and Refining Foundries	23.4	25.6	0.0	0.0
331511	Iron Foundries	27.9	27.9	X	X
331523	Nonferrous Metal Die-Casting Foundries	0.0	Х	Х	0.0
331524	Aluminum Foundries, except Die-Casting	58.8	58.8	X	X
332	Fabricated Metal Products	59.6	74.6	99.5	X
333	Machinery	48.5	98.4	54.3	97.3
334 334413	Computer and Electronic Products Semiconductors and Related Devices	85.4 86.4	86.4 86.4	99.0 X	0.0
335	Electrical Equip., Appliances, and Components		X		
		96.5		X	96.5
336	Transportation Equipment	96.5 14.1	30.7	X 15.8	96.5 2.3
336 336110					
336110 3364	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts	14.1 11.8 1.4	30.7 0.0 0.0	15.8 21.8 1.5	2.3 0.0 21.8
336110 3364 336411	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft	14.1 11.8 1.4 0.0	30.7 0.0 0.0 X	15.8 21.8 1.5 0.0	2.3 0.0 21.8 0.0
336110 3364 336411 337	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products	14.1 11.8 1.4 0.0 66.9	30.7 0.0 0.0 X X 66.9	15.8 21.8 1.5 0.0 X	2.3 0.0 21.8 0.0 X
336110 3364 336411	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous	14.1 11.8 1.4 0.0 66.9 66.7	30.7 0.0 0.0 X 66.9 70.2	15.8 21.8 1.5 0.0 X 0.0	2.3 0.0 21.8 0.0 X 0.0
336110 3364 336411 337	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products	14.1 11.8 1.4 0.0 66.9	30.7 0.0 0.0 X X 66.9	15.8 21.8 1.5 0.0 X	2.3 0.0 21.8 0.0 X
336110 3364 336411 337	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous	14.1 11.8 1.4 0.0 66.9 66.7	30.7 0.0 0.0 X 66.9 70.2	15.8 21.8 1.5 0.0 X 0.0	2.3 0.0 21.8 0.0 X 0.0
336110 3364 336411 337 339	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region	30.7 0.0 0.0 X 66.9 70.2 0.2	15.8 21.8 1.5 0.0 X 0.0 18.0	2.3 0.0 21.8 0.0 X 0.0 5.3
336110 3364 336411 337 339 311 3112	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0	30.7 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3	15.8 21.8 1.5 0.0 X 0.0 18.0	2.3 0.0 21.8 0.0 X 0.0 5.3
336110 3364 336411 337 339 311 3112 311221	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X	30.7 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X	15.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X	2.3 0.0 21.8 0.0 X 0.0 5.3
336110 3364 336411 337 339 311 3112 311221 31131	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0	30.7 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0	15.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X X
336110 3364 336411 337 339 311 3112 311221 31131 3114	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0 72.5	30.7 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X	15.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X X X
336110 3364 336411 337 339 311 3112 311221 31131	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0	30.7 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0 93.6	15.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X 42.2	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X X
336110 3364 336411 337 339 311 3112 311221 311221 31131 3114 3115	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0 72.5	30.7 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0 93.6 0.0	15.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X 42.2 0.0	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X X 0.0 X
336110 3364 336411 337 339 311 3112 311221 31131 3114 3115 3116 312 3121	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverages	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0 72.5 0.4 79.2 11.6 11.6	30.7 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0 93.6 0.0 97.0 26.0	15.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X 42.2 0.0 X 11.9	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X 0.0 X 79.2 0.0 0.0
336110 3364 336411 337 339 311 3112 311221 31131 3114 3115 3116 312 3121 3121	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0 72.5 0.4 79.2 11.6 11.6 X	30.7 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0 93.6 0.0 97.0 26.0 26.0 X	15.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X 42.2 0.0 X 11.9 11.9 X	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X X 0.0 X 79.2 0.0 0.0 X
336110 3364 336411 337 339 311 3112 311221 31131 3114 3115 3116 312 3121 3122 3131	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0 72.5 0.4 79.2 11.6 11.6 X 96.2	30.7 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0 93.6 0.0 97.0 26.0 X 86.3	15.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X 42.2 0.0 X 11.9 11.9 X 96.2	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X 0.0 X X 0.0 X X X 0.0 X X X 0.0 X X 0.0 X X X 0.0 X X X X
336110 3364 336411 337 339 311 3112 311221 31131 3114 3115 3116 312 3121 3121 3122 313	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0 72.5 0.4 79.2 11.6 11.6 X 96.2 X	30.7 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0 93.6 0.0 97.0 26.0 26.0 X 86.3 X	15.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X 42.2 0.0 X 11.9 11.9 X 96.2 X	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X X 0.0 X 79.2 0.0 0.0 X X
336110 3364 336411 337 339 311 3112 311221 31131 3114 3115 3116 312 3121 3122 3131	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0 72.5 0.4 79.2 11.6 11.6 X 96.2	30.7 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0 93.6 0.0 97.0 26.0 X 86.3	15.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X 42.2 0.0 X 11.9 11.9 X 96.2	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X 0.0 X 62.1 79.2 0.0 0.0 X X
336110 3364 336411 337 339 311 3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0 72.5 0.4 79.2 11.6 11.6 X 96.2 X 59.4	30.7 0.0 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0 93.6 0.0 97.0 26.0 26.0 X 86.3 X X	15.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X 42.2 0.0 X 11.9 11.9 X 96.2 X 59.4	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X 0.0 X X 0.0 X X X X 0.0 X X 0.0 X X 62.1 79.2 0.0 0.0 X X X X
336110 3364 336411 337 339 311 3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315 316	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0 72.5 0.4 79.2 11.6 11.6 X 96.2 X 59.4	30.7 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0 93.6 0.0 97.0 26.0 26.0 X 86.3 X X X	15.8 21.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X 42.2 0.0 X 11.9 11.9 11.9 X 96.2 X 59.4 0.0	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X 0.0 X X 0.0 X X X 0.0 X X X X X X
336110 3364 336411 337 339 311 3112 31121 31131 3114 3115 3116 312 3121 3122 313 314 315 316 321 321 321 321 321	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0 72.5 0.4 79.2 11.6 11.6 11.6 X 96.2 X 59.4 0.0 0.5 0.1	30.7 0.0 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0 93.6 0.0 97.0 26.0 26.0 X 86.3 X X X X X 0.1 0.1 0.1	15.8 21.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X 42.2 0.0 X 11.9 11.9 X 96.2 X 59.4 0.0 68.1 X X	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X 0.0 5.3 46.0 X X X 0.0 X 0.0 X X 40.0 X X X X X X X X X X X X X X X X X X
336110 3364 336411 337 339 311 3112 31121 31131 3114 3115 3116 312 3121 3122 313 314 315 316 321 321 321 321 321 321	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0 72.5 0.4 79.2 11.6 11.6 11.6 X 96.2 X 59.4 0.0 0.5 0.1 0.1 X	30.7 0.0 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0 93.6 0.0 97.0 26.0 26.0 X 86.3 X X X X 0.1 0.1 0.1 X	15.8 21.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X X 42.2 0.0 X 11.9 11.9 X 96.2 X 59.4 0.0 68.1 X X X X X	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X X 0.0 X X 0.0 X X X X X X X X X X
336110 3364 336411 337 339 311 3112 311221 31131 3114 3115 3116 312 3122 313 314 315 316 321 321 321 321 321 321 321 321	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products Other Wood Products	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0 72.5 0.4 79.2 11.6 11.6 X 96.2 X 59.4 0.0 0.5 0.1 0.1 X 68.1	30.7 0.0 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0 93.6 0.0 97.0 26.0 26.0 X 86.3 X X X X X X X X X X X X X X X X X X X	15.8 21.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X 42.2 0.0 X 11.9 11.9 11.9 X 96.2 X 59.4 0.0 68.1 X X X X X X X X X X S S S S S S S S S	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X X X 0.0 X X X X X X X X X X X X X
336110 3364 336411 337 339 311 3112 311221 31131 3114 3115 312 3121 3122 313 314 315 316 321 3212 321113 3212 321219 3219 322	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products Other Wood Products Other Wood Products Paper	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0 72.5 0.4 79.2 11.6 11.6 11.6 X 96.2 X 59.4 0.0 0.5 0.1 0.1 X 68.1	30.7 0.0 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0 93.6 0.0 97.0 26.0 26.0 X 86.3 X X X X X X X X X X X X X X X X X X X	15.8 21.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X 42.2 0.0 X 11.9 11.9 11.9 X 96.2 X 59.4 0.0 68.1 X X X X X X X X X X X X X X X X X X X	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X X 0.0 X X 0.0 X X X X X X X X X X
336110 3364 336411 337 339 311 3112 311221 31131 3114 3115 3116 312 3121 3122 313 314 315 316 321 321 321 321 321 321 321 321	Transportation Equipment Automobile and Light Duty Motor Vehicle Manufacturing Aerospace Product and Parts Aircraft Furniture and Related Products Miscellaneous Total Food Grain and Oilseed Milling Wet Corn Milling and Starch Manufacturing Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food Dairy Product Manufacturing Animal Slaughtering and Processing Beverage and Tobacco Products Beverages Tobacco Textile Mills Textile Product Mills Apparel Leather and Allied Products Wood Products Sawmills Veneer, Plywood, and Engineered Wood Product Manufacturing Reconstituted Wood Products Other Wood Products	14.1 11.8 1.4 0.0 66.9 66.7 0.3 West Census Region 25.2 18.0 X 0.0 72.5 0.4 79.2 11.6 11.6 X 96.2 X 59.4 0.0 0.5 0.1 0.1 X 68.1	30.7 0.0 0.0 0.0 X 66.9 70.2 0.2 20.4 1.3 X 0.0 93.6 0.0 97.0 26.0 26.0 X 86.3 X X X X X X X X X X X X X X X X X X X	15.8 21.8 21.8 1.5 0.0 X 0.0 18.0 39.6 43.3 X X 42.2 0.0 X 11.9 11.9 11.9 X 96.2 X 59.4 0.0 68.1 X X X X X X X X X X S S S S S S S S S	2.3 0.0 21.8 0.0 X 0.0 5.3 46.0 X X X X 0.0 X X X X X X X X X X X X X

322130	Paperboard Mills	0.0	0.0	X	X
323	Printing and Related Support	86.2	99.0	99.0	X
324	Petroleum and Coal Products	0.1	0.1	0.8	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0
324121	Asphalt Paving Mixture and Block	15.7	79.1	16.0	X
324122	Asphalt Shingle and Coating Materials	0.0	X	0.0	0.0
324191	Petroleum Lubricating Oil and Grease Manufacturing	0.0	X	0.0	0.0
324199	All Other Petroleum and Coal Products Manufacturing	X	X	X	X
325	Chemicals	3.5	2.6	55.9	2.9
325110	Petrochemicals	x	X	X	X
325120	Industrial Gases	0.0	0.0	X	X
325180	Other Basic Inorganic Chemical Manufacturing	3.3	3.3	X	X
325193	Ethyl Alcohol	0.0	X	X	0.0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	X	X	X	X
325199	All Other Basic Organic Chemical Manufacturing	26.0	X	0.0	70.4
325211	Plastics Materials and Resins	0.0	X	0.0	0.0
325212	Synthetic Rubber	0.0	X	0.0	X
325220	Artificial and Synthetic Fibers and Filaments	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	X
325312	Phosphatic Fertilizers	0.0	0.0	X	0.0
3254	Pharmaceuticals and Medicines	36.1	53.4	62.6	0.1
325412	Pharmaceutical Preparation	42.5	64.8	74.1	0.0
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	X	X	X	X
326	Plastics and Rubber Products	82.3	92.7	74.8	99.0
327	Nonmetallic Mineral Products	10.3	0.8	11.9	94.1
327120	Clay Building Material and Refractories	0.0 V	X	X	0.0
327211	Flat Glass Other Pressed and Blown Glass and Glassware	X X	X X	X	X
327212 327213	Glass Containers	0.0	0.0	X X	X
327215	Glass Products from Purchased Glass	24.5	31.2	0.0	0.0
327213	Cements	0.0	X X	0.0	0.0
327310	Lime	0.0	0.0	X	X
327410	Gypsum	0.0	0.0	X	0.0
327993	Mineral Wool	0.0	0.0	0.0	X
331	Primary Metals	1.5	0.5	45.2	X
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	X	X
3312	Steel Products from Purchased Steel	73.7	X	73.7	X
3313	Alumina and Aluminum Production and Processing	3.0	0.0	87.7	Х
331314	Secondary Smelting and Alloying of Aluminum	X	X	Х	X
331315	Aluminum Sheet, Plate and Foils	X	X	Х	X
331318	Other Aluminum Rolling, Drawing and Extruding	3.0	0.0	87.7	X
3314	Nonferrous Metal (except Aluminum) Production and Processing	0.0	0.0	0.0	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	0.0	X
3315	Foundries	4.8	5.2	0.3	X
331511	Iron Foundries	0.0	0.0	0.0	X
331523	Nonferrous Metal Die-Casting Foundries	58.5	59.2	28.9	X
331524	Aluminum Foundries, except Die-Casting	0.0	Х	0.0	Х
332	Fabricated Metal Products	53.2	75.3	69.3	Х
333	Machinery	69.9	81.9	81.8	87.6
334	Computer and Electronic Products	49.4	64.5	67.7	82.4
334413	Semiconductors and Related Devices	88.2	91.3	41.2	0.0
335	Electrical Equip., Appliances, and Components	81.4	X	81.4	X
336	Transportation Equipment	84.2	X	84.3	0.0
336110	Automobile and Light Duty Motor Vehicle Manufacturing	0.0	X	0.0	0.0
3364	Aerospace Product and Parts	0.0	X	0.0	X
336411	Aircraft	X	X	X	X
337	Furniture and Related Products	73.4	85.0	76.3	X
339	Miscellaneous	77.4	85.0	68.6	81.9
	Total	2.4	2.0	19.4	28.3

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-846, 2022 Manufacturing Energy Consumption Survey

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).

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).

^b Cogeneration is the production of electrical energy and another form of useful energy, such as heat or steam, through the sequential use of energy. Cogeneration includes electricity generated from fossil fuels, such as natural gas, fuel oils, and coal; wood; and other biomass.

c Renewable energy is energy obtained from essentially inexhaustible sources. Noncombustible sources include solar power, wind power, hydropower, and geothermal power.

dother is that electricity obtained from a generator fueled by combustible energy sources, such as diesel fuels and other fuel oils.

st Estimate less than 0.5.