Released: September 2021
Next MECS will be fielded in 2023. **Table 7.6 Quantity of Purchased Energy Sources, 2018;**Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources
Unit: Physical Units or 8tu

NAICS Code(a)	Subsector and Industry	Total (trillion Btu)	Electricity (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(b) (million bbl)	Natural Gas(c) (billion cu ft)	HGL (excluding natural gasoline)(d) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(e) (trillion Btu)
		Total United St	ates							
311	Food	1,122	91,916	*	D	649	2	2	D	64
3112	Grain and Oilseed Milling	246	14,689	*	*	144	*	1	0	20
311221 31131	Wet Corn Milling Sugar Manufacturing	113 69	6,035 1,113	0		59 32	*	1	0 D	20
31131	Fruit and Vegetable Preserving and Specialty Food	130	9,945	*	*	90	*	0	0	<u>.</u> 1
3115	Dairy Product	124	11,509	*	*	78	*	0	0	
3116	Animal Slaughtering and Processing	277	31,666	0	1	145	*	0	0	14
312	Beverage and Tobacco Products	106	14,184	*	*	52	*	*	0	
3121	Beverages	98	13,418	*	*	47	*	*	0	1
3122	Tobacco	7	766	·*	· · · · · · · · · · · · · · · · · · ·	4	* *	0	0	
313 314	Textile Mills Textile Product Mills	64 22	10,879 2,842	0	-	22 11	*	*	0	
315	Apparel	4	722	0		2	*	*		
316	Leather and Allied Products	2	226	0		1	*	0	0	
321	Wood Products	241	21,761	*	2	65	1	*	0	82
321113	Sawmills	77	8,180	*	1	17	*	0	0	26
3212	Veneer, Plywood, and Engineered Woods	84	6,817	*	*	30	*	*	0	28
321219	Reconstituted Wood Products	53	4,289	*	*	20	*	0	0	18
3219	Other Wood Products	71	6,310		Q	15	*		0	27
322	Paper Dula Milla	1,094 70	55,952 2,033	1	1	554 39	1	3 *	0	259 19
322110 322121	Pulp Mills Paper Mills, except Newsprint	403	17,888	1	*	218	*	2	0	71
322121	Newsprint Mills	38	4,946	0	*	5	*	0	0	16
322130	Paperboard Mills	466	18,401	*	*	227	*	1	0	150
323	Printing and Related Support	59	10,032	0		24	*	0	0	
324	Petroleum and Coal Products	2,664	54,317	*	D	1,070	1	D	0	1,147
324110	Petroleum Refineries	1,557	50,007	0		988	*	0	0	361
324121	Asphalt Paving Mixture and Block	470	1,378	*	1	40			0	411
324122 324191	Asphalt Shingle and Coating Materials Petroleum Lubricating Oil and Grease Products	275 27	930 1,393	0	-	13 20	*	0	0	258
324191	Other Petroleum and Coal Products	334	610	0		8	*	D	0	117
325	Chemicals	7,465	157,413	7	2	3,059	806	6	*	979
325110	Petrochemicals	1,684	7,416	0		278	337	0	0	323
325120	Industrial Gases	321	22,641	0	*	227	*	0	0	8
325180	Other Basic Inorganic Chemicals	562	28,642	7		254	16	2	*	67
325193	Ethyl Alcohol	453	10,628	0		347	*	2	0	11
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	248	3,515	0		116	19	*	0	34
325199	Other Basic Organic Chemicals	1,417	20,931	0	Q	575	110	2	0	341
325211 325212	Plastics Materials and Resins Synthetic Rubber	1,672 38	24,174 1,417	0		409 19	320	*	0	120 9
325220	Artificial and Synthetic Fibers and Filaments	33	2,728	0		22	*	*	0	*
325311	Nitrogenous Fertilizers	D	5,137	0		560	*	0	0	D
325312	Phosphatic Fertilizers	38	2,085	*	D	D	*	D	0	D
3254	Pharmaceuticals and Medicines	115	10,447	0		61	*	0	0	15
325412	Pharmaceutical Preparation	66	6,115	0		30	*	0	0	14
325992	Photographic Film, Paper, Plate, and Chemicals	D	923	0		3	*	0	0	D
326 327	Plastics and Rubber Products Nonmetallic Mineral Products	257 816	49,327 37,910	0	4	81 337	<u>1</u>	0 9	*	113
327120	Clay Building Material and Refractories	49	1,767	0		35	*	*	*	
327211	Flat Glass	46	1,419	0		40	*	*	0	2
327212	Other Pressed and Blown Glass and Glassware	31	2,123	0		22	*	0	0	1
327213	Glass Containers	54	3,447	0	*	41	*	0	0	*
327215	Glass Products from Purchased Glass	22	3,670	0		9	*	0	0	*
327310	Cements	274	11,421	0		56	*	5	*	65
327410	Lime	107	1,398	0		18	*	3	*	17
327420 327993	Gypsum Mineral Wool	59 33	1,541 3,110	0		50 21		0	*	*
327995	Primary Metals	1,663	113,382	*	1	658	1	13	8	29
331110	Iron and Steel Mills and Ferroalloys	1,197	56,170	*	1	436	*	13	8	15
3312	Steel Products from Purchased Steel	53	6,914	0	*	25	*	*	*	1
3313	Alumina and Aluminum	218	26,260	0		113	*	0	0	10
331314	Secondary Smelting and Alloying of Aluminum	21	780	0		18	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	73	5,377	0		52	*	0	0	*
331318	Other Aluminum Rolling, Drawing and Extruding	24	1,917	0		17 41	*	0	0	* 3
3314 331410	Nonferrous Metals, except Aluminum Nonferrous Metal (except Aluminum) Smelting and Refining	102 51	13,272 7,887	0		16	*	*	*	
331410	Foundries	93	10,766	*	*	44	*	*	*	
331511	Iron Foundries	41	5,196	0	*	12	*	*	*	*
331523	Nonferrous Metal Die-Casting Foundries	22	2,078	*	*	14	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	9	788	0		6	*	0	0	*
332	Fabricated Metal Products	257	36,063	0	*	122	1	*	0	2
333	Machinery	148	23,569	*	*	59	1		0	1
334	Computer and Electronic Products	109	22,186		*	32	*	0	0	1
334413 335	Semiconductors and Related Devices Electrical Equip., Appliances, and Components	54 114	11,613 11,037	0		13 35	*	0	0	39
335 336	Transportation Equipment	351	50,462	*	<u>-</u>	154	<u>-</u>	0	*	3
336111	Automobiles	331	4,024	0	_ _	134	*	0	0	
336112	Light Trucks and Utility Vehicles	42	4,233	0		24	*	0	0	
3364	Aerospace Product and Parts	66	9,699	0		27	*	0	0	
336411	Aircraft	17	2,721	0		6	*	0	0	2
337	Furniture and Related Products	33	4,669	0		15	*	*	0	Q
339	Miscellaneous	62	9,547	0		25	*	*	0	2
	Total	16,655	778,396	9	D	7,023	817	D	D	2,730

Northeast Census Region

311	Food	81	7,833	*	Q 47	*	0	0 *
3112	Grain and Oilseed Milling	4	497	0	* 2	*	0	0 0
311221	Wet Corn Milling	*	15		*	*	0	0 0
31131	Sugar Manufacturing	2	4	<u>0</u>	* 2	* *	0	0 0
3114 3115	Fruit and Vegetable Preserving and Specialty Food Dairy Product	12 17	787 1,467	*	* 8 * 11	*	0	0 *
3116	Animal Slaughtering and Processing	11	1,096	0	* 7	*	0	*
312	Beverage and Tobacco Products	13	1,674	*	* 6	*	0	0 *
3121	Beverages	12	1,647	0	* 6	*	0	0 *
3122	Tobacco	1	28	*	* 1	*	0	0 *
313	Textile Mills	6	568	0	* 4	* *	0	
314 315	Textile Product Mills Apparel	2 1	305 151	0 0	* <u>1</u> 0 1	*	*	0 *
316	Leather and Allied Products	1	49	0	* *	*	0	0 0
321	Wood Products	23	1,488	*	* 5	*	*	0 11
321113	Sawmills	5	381	*	* *	*	0	0 3
3212	Veneer, Plywood, and Engineered Woods	4	269	*	* 2	*	*	0 1
321219 3219	Reconstituted Wood Products Other Wood Products	3 13	196 816	*	* 2 * 3	*	*	0 1 0 0
322	Paper	131	5,879	*	* 77	*	*	0 20
322110	Pulp Mills	D	D	*	* D	*	0	0 D
322121	Paper Mills, except Newsprint	82	2,392	*	* 49	*	*	0 13
322122	Newsprint Mills	0	0	0	00	0	0	0 0
322130	Paperboard Mills	D 9	D 1.502		* D	* *	0	0 D
323 324	Printing and Related Support Petroleum and Coal Products	172	1,582 2,611		* 3 D 41	*	0	0 0
324110	Petroleum Refineries	D D	2,119		0 29	0	0	0 0
324121	Asphalt Paving Mixture and Block	91	281		* 8	*	0	0 79
324122	Asphalt Shingle and Coating Materials	35	90	0	* 1	*	0	0 33
324191	Petroleum Lubricating Oil and Grease Products	D	45	0	* *	*	0	0 0
324199	Other Petroleum and Coal Products	D 172	76 10,994	0 *	D 2 * 112	*	0	0 *
325 325110	Chemicals Petrochemicals	173	10,994 17	0	* 112 * *	*	0	0 13
325110	Industrial Gases	12	2,436		0 2	*	0	0 2
325180	Other Basic Inorganic Chemicals	13	1,619	0	* 6	*	0	0 2
325193	Ethyl Alcohol	7	170	0	* 7	*	0	0 *
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	3	107	0	2	0	0	
325199 325211	Other Basic Organic Chemicals Plastics Materials and Resins	58	1,502 871	0	* 44 * 4	*	0	0 2
325211	Synthetic Rubber	10	18	0	* *	*	0	0 *
325220	Artificial and Synthetic Fibers and Filaments	*	35	0	* *	*	0	0 *
325311	Nitrogenous Fertilizers	1	24	0	* *	*	0	0 *
325312	Phosphatic Fertilizers	*	1	0	* 0	*	0	0 0
3254	Pharmaceuticals and Medicines	32	2,383	0	* 22	*	0	0 *
325412 325992	Pharmaceutical Preparation Photographic Film, Paper, Plate, and Chemicals	13 D	1,359 415	0	* 8 * 1	*	0	0 *
326	Plastics and Rubber Products	28	4,749	0	* 10	*	0	0
327	Nonmetallic Mineral Products	87	3,885		1 50	*	*	0 12
327120	Clay Building Material and Refractories	6	212	0	* 3	*	*	0 *
327211	Flat Glass	4	123		0 4	*	0	0 0
327212	Other Pressed and Blown Glass and Glassware	5	416	0	* 4	*	0	
327213 327215	Glass Containers Glass Products from Purchased Glass		461 285	0	* 6 * 2	*	0	0 *
327310	Cements	24	810	0	* 15	*	*	0 4
327410	Lime	5	69	0	* 3	0	*	0 0
327420	Gypsum	6	138	0	* 6	*	0	0 0
327993	Mineral Wool	3	129	0	* <u>2</u>	*	0	. 0
331	Primary Metals Iron and Steel Mills and Ferroalloys	282	10,936	0	* 70 * 43	·	6	* 3
331110 3312	Steel Products from Purchased Steel	236	6,325 480	0	* 2	*	6 *	* 2 * * * * * * * * * * * * * * * * * *
3313	Alumina and Aluminum	20	1,547	0	* 14	*	0	0 *
331314	Secondary Smelting and Alloying of Aluminum	1	24	0	* *	*	0	0 0
331315	Aluminum Sheet, Plate and Foils	9	579	0	* 7	*	0	0 *
331318	Other Aluminum Rolling, Drawing and Extruding	5	281	0	* 4 * 7	*	0	
3314 331410	Nonferrous Metals, except Aluminum Nonferrous Metal (except Aluminum) Smelting and Refining	14	1,571 123		* 7 0 *	* *	0	0 0
3315	Foundries	18	1,012	0	* 4	*	0	*
331511	Iron Foundries	3	464	0	* 1	*	*	* *
331523	Nonferrous Metal Die-Casting Foundries	1	93	0	0 1	*	0	0 *
331524	Aluminum Foundries, except Die-Casting	1	82		* *	*	0	0 *
332	Fabricated Metal Products	47	6,078		D 23	*	0	0 0
333 334	Machinery Computer and Electronic Products	14 23	2,222 4,342	*	* 5 * 8	*	0	0 *
334413	Semiconductors and Related Devices	6	1,026	0	* 2	*	0	0 *
335	Electrical Equip., Appliances, and Components	12	1,524	0	* 6	*	0	0 *
336	Transportation Equipment	34	Q	*	* 16	*	0	0 *
336111	Automobiles	*	1		0 * n *	0	0	0 0
336112 3364	Light Trucks and Utility Vehicles Aerospace Product and Parts	* 9	1 843	0 0	·	0 *	0	0 0
336411	Aerospace Product and Parts Aircraft	9 1	169	0	* 6 * 1	*	0	0 *
330411	Furniture and Related Products	5	577	0	* 2	*	0	0 *
339	Miscellaneous	17	2,148	0	* 8	*	0	0 *
	Total	1,162	74,291	1	3 495	3	7	* 178
		Midwest Co	gion					
311	Food	Midwest Census Re 486	gion 33,123	*	D 295	*	2	D 21
3112	Grain and Oilseed Milling	189	10,528		* 112	*	1	0 17
311221	Wet Corn Milling	100	5,585		* 55	*	*	0 13
31131	Sugar Manufacturing	35	608	*	D 8	*	1	D D
3114	Fruit and Vegetable Preserving and Specialty Food	33	3,656	0	* 19	*	0	0 *
3115	Dairy Product	48	4,353	0	* 31 * 50	*	0	0 1
3116 312	Animal Slaughtering and Processing Beverage and Tobacco Products	89 17	7,588 1,480	0	* 59 * 11	*	0	0 1
3121	Beverages	17	1,480	*	* 11	*	0	
3122	Tobacco	*	1	0	0 *	0	0	0 0
313	Textile Mills	2	301	U	* 1	*	0	0 *
				•	n *			0
314 315	Textile Product Mills Apparel	1	143 70		0 * 0 *	0	0	0 0

316	Leather and Allied Products	1	107	0	* 1	*	0	0 *
321 321113	Wood Products Sawmills	27 3	2,988 448	*	Q 10 * 1	*	0	0 *
3212	Veneer, Plywood, and Engineered Woods	7	771	0	* 4	*	0	0 *
321219	Reconstituted Wood Products	5	519	0	* 3	*	0	0 *
3219 322	Other Wood Products Paper	16 216	1,729 13,312	0 *	Q 5 * 107	*	0 1	0 1 0 46
322110	Pulp Mills	2	249	0	* 1	*	0	0 *
322121	Paper Mills, except Newsprint	100	5,030	*	* 52	*	1	0 16
322122 322130	Newsprint Mills Paperboard Mills	0	0 2,785	0	0 0 * 27	0	0	0 0
322130	Printing and Related Support	68 26	3,786	0	* 13	*	0	0 *
324	Petroleum and Coal Products	593	10,942	*	D 137	*	D	0 D
324110	Petroleum Refineries	D	9,908	0	0 119	*	0	0 D
324121 324122	Asphalt Paving Mixture and Block Asphalt Shingle and Coating Materials	136 93	257 275	*	* 10 * 4	*	0	0 123 0 88
324122	Petroleum Lubricating Oil and Grease Products	3	194	0	* 2	*	0	0 *
324199	Other Petroleum and Coal Products	D	307	0	D 2	*	D	0 D
325	Chemicals	998	38,192	1	* 619	29	2	0 72
325110 325120	Petrochemicals Industrial Gases	30	3 6,549	0	0 6	*	0	0 0
325120	Other Basic Inorganic Chemicals	47	3,809	1	D 21	*	0	0 D
325193	Ethyl Alcohol	416	9,617	0	* 315	*	2	0 10
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	9	287	0	* 2	*	*	
325199 325211	Other Basic Organic Chemicals Plastics Materials and Resins	72 143	3,764 3,123	0	* 40 * 31	1 D	*	0 15 0 D
325212	Synthetic Rubber	2	178	0	* 1	*	0	*
325220	Artificial and Synthetic Fibers and Filaments	1	74	0	0 *	*	0	0 0
325311	Nitrogenous Fertilizers	D	1,776	0	* 116	*	0	0 D
325312 3254	Phosphatic Fertilizers Pharmaceuticals and Medicines	* 35	8 3,304	0	* * 20	*	0	0 0 2
3254	Pharmaceutical Preparation	23	2,130	0	* 14	*	0	0 2
325992	Photographic Film, Paper, Plate, and Chemicals	*	52	Ö	* *	*	Ö	0 *
326	Plastics and Rubber Products	110	21,718	0	* 34	*	0	0 *
327	Nonmetallic Mineral Products Clay Building Material and Refractories	233	11,435	0	1 87	*	3	* 35
327120 327211	Clay Building Material and Refractories Flat Glass	12 16	285 462	0	* 7 * 14	*	* 0	* Q
327211	Other Pressed and Blown Glass and Glassware	10	496	0	* 8	*	0	0 *
327213	Glass Containers	15	945	0	* 11	*	0	0 *
327215	Glass Products from Purchased Glass	9	1,721	0	* 3	*	0	0
327310 327410	Cements Lime	74 47	3,096 467	0	* 6 * 9	*	<u>1</u> 1	* 27 * 7
327410	Gypsum	10	264	0	* 9	*	0	*
327993	Mineral Wool	13	1,292	0	* 8	*	0	* *
331	Primary Metals	854	41,892	*	* 340	*	5	8 15
331110 3312	Iron and Steel Mills and Ferroalloys	682	20,330	*	* 260	*	5 *	811 0 *
3312	Steel Products from Purchased Steel Alumina and Aluminum	22 62	2,294 8,608	0	* 13 * 28	*	0	0 3
331314	Secondary Smelting and Alloying of Aluminum	9	300	0	* 8	*	0	0 *
331315	Aluminum Sheet, Plate and Foils	19	1,564	0	* 13	*	0	0 *
331318	Other Aluminum Rolling, Drawing and Extruding	8	698	0	* 5	*	0	
3314 331410	Nonferrous Metals, except Aluminum Nonferrous Metal (except Aluminum) Smelting and Refining	28 12	4,097 2,472	0	* 11	*	0	* 1 * 1
3315	Foundries	59	6,563	*	* 27	*	*	*
331511	Iron Foundries	28	3,252	0	* 8	*	*	* * *
331523	Nonferrous Metal Die-Casting Foundries	14	1,348	*	* 9	*	0	0
331524 332	Aluminum Foundries, except Die-Casting Fabricated Metal Products	5 125	458 18,463	0	* 3 D 56	*	0 0	0 *
333	Machinery	73	9,712	0	* 35	1	0	0
334	Computer and Electronic Products	15	3,186	0	* 4	*	0	0 *
334413	Semiconductors and Related Devices	5	1,167	0	* 1	*	0	0 *
335 336	Electrical Equip., Appliances, and Components Transportation Equipment	27 184	3,786 24,876	0	* 12 * 88	*	0 0	0 *
336111	Automobiles	21	2,024	0	* 12	*	0	0 1
336112	Light Trucks and Utility Vehicles	25	2,259	0	* 16	*	0	0 1
3364	Aerospace Product and Parts	18	2,405	0	* 8	*	0	0 2
336411	Aircraft Polyted Polyted	4	528	0	* 2	* *	0	0 *
337 339	Furniture and Related Products Miscellaneous	15 22	1,813 3,343	0	* 8 9	*	0 *	0 0
	Total	4,025	244,669	1	D 1,866	32	D	D D
211	rd	South Census Regio		*	1 157		*	0 22
311 3112	Food Grain and Oilseed Milling	270 43	23,324 2,809	*	1 157 * 24	<u>1</u>	*	0 23 0 9
311221	Wet Corn Milling	11	358	0	* 2	*	*	0 7
31131	Sugar Manufacturing	11	236	*	* 10	*	*	0 *
3114	Fruit and Vegetable Preserving and Specialty Food	23	1,906	0	* 16	*	0	0 *
3115 3116	Dairy Product Animal Slaughtering and Processing	19 110	2,365 9,698	0	* 10 * 59	*	0	0 * 0 13
3110	Beverage and Tobacco Products	52	7,630	*	* 23	*	*	0 13
3121	Beverages	45	6,894	0	* 19	*	*	0 1
3122	Tobacco	6	736	*	* 4	*	0	0 *
313 314	Textile Mills Textile Product Mills	53 17	9,776 2,231	*	* 16 * 9	*	* 0	01
314	Apparel	3	451	0	* 1	*	0	0 *
316	Leather and Allied Products	*	53	0	0 *	*	0	0 *
321	Wood Products	127	12,784	*	1 38	*	0	0 38
321113	Sawmills Veneer Plywood and Engineered Woods	52	5,723	*	* 13	*	0	0 16
3212 321219	Veneer, Plywood, and Engineered Woods Reconstituted Wood Products	46 34	4,001 2,734	*	* 18 * 12	*	0 0	0 13 0 11
321219	Other Wood Products	24	2,772	0	* 6	*	0	0 7
322	Paper	624	26,930	1	1 319	*	2	0 160
322110	Pulp Mills	D	D	D *	* D	*	*	0 D
322121	Paper Mills, except Newsprint Newsprint Mills	175 D	7,808 2,032	*	* 90 * 4	*	1 0	0 34 0 D
	recessporate terms	U	2,032				U	
322122 322130	Paperboard Mills	D	D	D	* D	*	1	0 D
	Paperboard Mills Printing and Related Support Petroleum and Coal Products	D 21	D 3,883	D 0	* D * 7	*	1 0	0 D 0 *

324110	Petroleum Refineries	D	28,992	0	0	578	0	0	0
324121	Asphalt Paving Mixture and Block	155	561	*	1	14	*	*	0 1
324122 324191	Asphalt Shingle and Coating Materials Petroleum Lubricating Oil and Grease Products	115 D	440 1,135	0		6 17	*	0	0 1
324191	Other Petroleum and Coal Products	D	198	0	*	3	*	D	0
25	Chemicals	6,131	96,122	6	1	2,246	776	2	* 8
325110	Petrochemicals	1,683	7,396	0	*	278	337	0	0 3
325120	Industrial Gases	246	9,750	0	·	200	*	0	0
325180 325193	Other Basic Inorganic Chemicals	437 15	19,903 429	6 0	*	209	16 *	*	*
325193	Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals	233	3,104	0	*	109	19	*	0
325199	Other Basic Organic Chemicals	1,280	14,926	0	Q	487	110	2	0 3
325211	Plastics Materials and Resins	1,518	19,888	0	*	373	D	*	0
325212	Synthetic Rubber	35	1,209	0	*	17	1	*	0
325220	Artificial and Synthetic Fibers and Filaments	32	2,610	0	*	22	*	*	0
325311	Nitrogenous Fertilizers	459	2,877	0	*	432	*	0	0
325312	Phosphatic Fertilizers	D	1,620	*	D	D	*	D	0
3254 325412	Pharmaceuticals and Medicines Pharmaceutical Preparation	39 25	3,367 1,892	0		14 6		0	0
325992	Photographic Film, Paper, Plate, and Chemicals	2	283	0	*	1	*	0	0
26	Plastics and Rubber Products	102	19,490	0	*	31	*	0	0
27	Nonmetallic Mineral Products	329	16,416	*	1	151	*	4	*
327120	Clay Building Material and Refractories	29	1,192	0	*	23	*	0	0
327211	Flat Glass	20	667	0	*	17	*	*	0
327212	Other Pressed and Blown Glass and Glassware	15	1,132	0	*	10	*	0	0
327213	Glass Containers	19	1,159	0	*	15	*	0	0
327215	Glass Products from Purchased Glass	8	1,351	0		3	*	0	0
327310 327410	Cements Lime	121 40	5,251 676	0	*	26 5	*	2 1	*
327410	Gypsum	31	890	0	*	27	*	0	0
327993	Mineral Wool	13	1,170	0	*	8	*	*	*
31	Primary Metals	438	48,571	0	*	207	*	2	*
331110	Iron and Steel Mills and Ferroalloys	250	26,176	0	*	117	*	1	*
312	Steel Products from Purchased Steel	25	3,953	0	*	9	*	0	*
3313	Alumina and Aluminum	108	11,518	0	*	62	*	0	0
331314 331315	Secondary Smelting and Alloying of Aluminum Aluminum Sheet, Plate and Foils	10 40	225 2,789	0	*	8 	*	0	0
331315	Other Aluminum Rolling, Drawing and Extruding	9	691	0	*	6	*	0	0
314	Nonferrous Metals, except Aluminum	36	4,521	0	*	10	*	*	*
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	18	3,001	0	*	1	*	*	0
315	Foundries	19	2,404	0	*	9	*	*	*
331511	Iron Foundries	8	1,348	0	*	2	*	0	*
331523	Nonferrous Metal Die-Casting Foundries	5	436	0	*	4	*	0	0
331524	Aluminum Foundries, except Die-Casting	2	155	0		1	*	0	0
32 33	Fabricated Metal Products Machinery	59 52	7,388 10,417	0		31 15	*	0	0
34	Computer and Electronic Products	33	6,895	0	*	9	*	0	0
334413	Semiconductors and Related Devices	18	4,022	0	*	4	*	0	0
35	Electrical Equip., Appliances, and Components	68	4,330	0	*	14	*	0	0
36	Transportation Equipment	107	16,687	*	1	39	*	0	0
336111	Automobiles	12	1,749	0	*	5	*	0	0
336112	Light Trucks and Utility Vehicles	16	1,970	0	*	9	*	0	0
3364	Aerospace Product and Parts	18	3,424	0	*	5	*	0	0
336411 37	Aircraft Furniture and Related Products		1,344 1,764	0		1 4	*	0	0
39	Miscellaneous	18	3,052	0	*	6	*	0	0
	Total	9,929	349,522	7	6	3,942	780	D	*
		West Census Regio							
11	Food	286	27,635	0	1	151	1	*	*
3112	Grain and Oilseed Milling	10	855	0	*	6	*	0	0
311221	Wet Corn Milling	2	76	0	0	2	*	0	0
31131 3114	Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Food	21 62	265 3 596	0	*	13 47	*	0	0
3114 3115	Dairy Product	40	3,596 3,324	0	*	26	*	0	0
3116	Animal Slaughtering and Processing	Q Q	3,324 Q	0	*	20	*	0	0
12	Beverage and Tobacco Products	24	3,400	0	*	11	*	0	0
3121	Beverages	24	3,398	0	*	11	*	0	0
3122	Tobacco	*	2	0	0	0	0	0	0
13	Textile Mills	2	234	0	0	1	*	0	0
14	Textile Product Mills	Q	163	0	0	Q *	*	0	0
15 16	Apparel Leather and Allied Products		50 17	0	0	*	*	0	0
16 21	Wood Products Wood Products	64	4,501	*	*	12	*	0	0
321113	Sawmills	17	1,628	0	*	3	*	0	0
212	Veneer, Plywood, and Engineered Woods	27	1,776	0	*	7	*	0	0
321219	Reconstituted Wood Products	12	840	0	*	3	*	0	0
219	Other Wood Products	18	993	0	*	2	*	0	0
22	Paper	123	9,830	*	*	52	*	0	0
322110	Pulp Mills	D	88	D	0	0	<u>0</u>	0	0
322121 322122	Paper Mills, except Newsprint Newsprint Mills	45 D	2,658 2,915	0	*	27 1	*	0	0
322122	Paperboard Mills	40	3,028	U	*	17	*	0	0
23	Printing and Related Support	40	782	0	*	1	*	0	0
24	Petroleum and Coal Products	483	9,438	*	*	274	Q	0	0 1
324110	Petroleum Refineries	363	8,987	0	0	263	0	0	0
324121	Asphalt Paving Mixture and Block	88	279	*	*	8	*	0	0
324122	Asphalt Shingle and Coating Materials	31	124	0	*	2	*	0	0
324191	Petroleum Lubricating Oil and Grease Products	1	19	0	0	1	*	0	0
324199	Other Petroleum and Coal Products	1 162	30	0	*		*	0	0
225110	Chemicals	163	12,105 0	0	<u>*</u> 0	81 0	* 0	2	0
325110 325120	Petrochemicals Industrial Gases	0 33	3,906	0	0	19		0	0
325120 325180	Other Basic Inorganic Chemicals	65	3,906	0	U D	19	*	2	0
325193	Ethyl Alcohol	14	412	0	*	12	*	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	3	16	0	*	2	*	*	0
325199	Other Basic Organic Chemicals	7	738	0	*	4	*	0	0
272133									0

325212	Synthetic Rubber	*	12	0	0	*	*	0	0	*
325220	Artificial and Synthetic Fibers and Filaments	*	9	0	0	*	*	0	0	0
325311	Nitrogenous Fertilizers	13	459	0	*	11	*	0	0	*
325312	Phosphatic Fertilizers	D	456	0	D	8	*	0	0	*
3254	Pharmaceuticals and Medicines	9	1,393	0	*	4	*	0	0	*
325412	Pharmaceutical Preparation	5	734	0	*	2	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	D	173	0	*	1	*	0	0	D
326	Plastics and Rubber Products	17	3,370	0	*	Q	*	0	0	*
327	Nonmetallic Mineral Products	168	6,173	0	1	49	*	3	*	35
327120	Clay Building Material and Refractories	2	78	0	*	2	*	0	0	*
327211	Flat Glass	6	167	0	*	5	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	1	78	0	*	1	*	0	0	*
327213	Glass Containers	12	882	0	*	9	*	0	0	*
327215	Glass Products from Purchased Glass	2	313	0	*	1	*	0	0	*
327310	Cements	56	2,265	0	*	9	*	1	*	13
327410	Lime	14	185	0	*	*	*	*	*	3
327420	Gypsum	11	250	0	*	9	*	0	0	*
327993	Mineral Wool	4	519	0	*	2	*	0	0	*
331	Primary Metals	89	11,983	0	*	41	*	*	*	4
331110	Iron and Steel Mills and Ferroalloys	29	3,338	0	*	16	*	*	0	*
3312	Steel Products from Purchased Steel	1	187	0	*	*	*	0	0	*
3313	Alumina and Aluminum	27	4,587	0	*	8	*	0	0	3
331314	Secondary Smelting and Alloying of Aluminum	2	230	0	*	1	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	5	445	0	*	4	*	0	0	*
331318	Other Aluminum Rolling, Drawing and Extruding	3	247	0	*	2	*	0	0	*
3314	Nonferrous Metals, except Aluminum	24	3,083	0	*	12	*	0	0	1
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	19	2,292	0	*	11	*	0	0	*
3315	Foundries	8	787	0	*	4	*	0	*	*
331511	Iron Foundries	2	132	0	*	1	*	0	*	*
331523	Nonferrous Metal Die-Casting Foundries	2	200	0	*	1	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	1	93	0	*	1	*	0	0	*
332	Fabricated Metal Products	27	4,135	0	*	11	*	0	0	Q
333	Machinery	8	1,217	0	*	4	*	0	0	*
334	Computer and Electronic Products	38	7,762	0	*	11	*	0	0	*
334413	Semiconductors and Related Devices	25	5,397	0	*	7	*	0	0	*
335	Electrical Equip., Appliances, and Components	7	1,397	0	*	Q	*	0	0	*
336	Transportation Equipment	26	4,205	0	*	10	*	0	0	1
336111	Automobiles	1	250	0	*	*	*	0	0	*
336112	Light Trucks and Utility Vehicles	*	3	0	0	*	*	0	0	0
3364	Aerospace Product and Parts	20	3,027	0	*	9	*	0	0	1
336411	Aircraft	5	680	0	*	2	*	0	0	1
337	Furniture and Related Products	3	514	0	0	1	*	0	0	*
339	Miscellaneous	5	1,004	0	*	1	*	0	0	*
	Total	1,539	109,914	•	3	720	2	4	•	296

(a) The Bureau of the Census classifies establishments using the 2017 North American Industry Classification System (NAICS).

(b) Distillate Fuel Oil includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.
(c) Natural Gas includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.

(c) Natural cas includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries or utilities (d) Hydrocarbon Gas Liquids (HGL) include ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids (NGL).

(e) Other energy sources include such combustible energy sources as wood waste, hydrogen, and waste oils and tars.

Estimate less than O.S.

D=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

Notes: Totals may not equal sum of components because of independent rounding. Purchases exclude quantities that are transferred in from other establishments of the same company, quantities purchased by a central purchasing office offsite, and quantities for which payment is made in-kind.

Source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-846, 2018 Manufacturing Energy Consumption Survey.

The Census Bureau has reviewed this data product for unauthorized disclosure of confidential information and has approved the disclosure avoidance practices applied (Approval ID: CBDRB-FY21-312).

NAICS Code(a)	Subsector and Industry	Total (trillion Btu)	Electricity (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(b) (million bbl)	Natural Gas(c) (billion cu ft)	HGL (excluding natural gasoline)(d) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(e) (trillion Btu)
		Total United St	ates							
311	Food	5.2	11.4	0.6	D	4.5	18.2	0.0	D	23.0
3112 311221	Grain and Oilseed Milling Wet Corn Milling	2.4		16.7	6.8	3.5 0.0	15.0 0.0	0.0	X	3.3
311221	Sugar Manufacturing	0.0		0.0	0.0 D	0.0	0.0	0.0	^ D	0.0 D
3114	Fruit and Vegetable Preserving and Specialty Food	3.2		0.0	8.2	3.2	5.8	X	X	2.9
3115	Dairy Product	2.4		0.0	32.3	2.4	12.9	X	X	18.1
3116 312	Animal Slaughtering and Processing Beverage and Tobacco Products	14.9		0.0	13.2 27.3	6.1 8.6	22.0 11.2	0.0	X	38.5 5.2
3121	Beverages	9.2		0.0	29.0	9.3	12.8	0.0	X	5.2
3122	Tobacco	0.0	0.0	0.0	0.0	0.0	0.0	Х	Х	0.0
313	Textile Mills	6.4		88.0	21.0	12.7	25.0	16.7	X	3.9
314 315	Textile Product Mills	9.7		X	29.6 51.8	13.5 14.0	29.1 41.7	0.0 99.4	X	96.7 98.2
315	Apparel Leather and Allied Products	7.7		x	4.0	11.5	31.0	99.4 X		18.1
321	Wood Products	5.7		0.5	29.4	10.1	6.0	63.3	X	12.2
321113	Sawmills	10.7		7.7	3.7	36.2	8.6	Х	X	1.3
3212	Veneer, Plywood, and Engineered Woods	0.7		0.0	3.3	1.2	3.1	80.4	X	0.4
321219 3219	Reconstituted Wood Products Other Wood Products	0.8 15.6		0.0 85.9	2.6 65.6	0.9 14.5	5.8 15.0	75.3	X	0.2 37.2
3213	Paper	0.7		0.0	0.7	1.0	11.0	0.0		0.1
322110	Pulp Mills	0.0		0.0	0.0	0.0	0.0	0.0	X	0.0
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
322122	Newsprint Mills	0.0		X	0.0	0.0	0.0	X	X	0.0
322130 323	Printing and Related Support	0.0		0.0 X	0.0 40.9	9.9	0.0 16.1	0.0 X	X	0.0 59.0
323 324	Printing and Related Support Petroleum and Coal Products	0.8		28.3	40.9 D	0.4	29.3	X D	X	1.7
324110	Petroleum Refineries	0.0		X	x	0.0	0.0	X	X	0.0
324121	Asphalt Paving Mixture and Block	4.5	8.7	29.1	14.8	3.8	35.8	19.9	X	4.6
324122	Asphalt Shingle and Coating Materials	1.3		0.0	0.9	1.1	2.6	X	X	1.3
324191	Petroleum Lubricating Oil and Grease Products	20.0		X	60.4	21.2	40.2	X	X	5.9
324199 325	Other Petroleum and Coal Products Chemicals	0.0		0.1	D 29.0	0.0 2.0	0.0 1.6	D 1.4	0.0	0.0
325110	Petrochemicals	0.0		X	0.0	0.0	0.0	X	X	0.0
325120	Industrial Gases	4.9		X	0.0	6.6	67.8	Х	Х	2.7
325180	Other Basic Inorganic Chemicals	7.0		0.1	3.0	13.8	0.1	0.0	0.0	5.5
325193	Ethyl Alcohol	1.2		X	2.8	1.5	9.1	0.0	X	2.1
325194 325199	Cyclic Crudes, Intermediate and Gum and Wood Chemicals Other Basic Organic Chemicals	0.0 4.3		0.0	0.0 58.9	0.0 5.8	0.0 6.7	0.0 1.2	X	0.0 5.1
325211	Plastics Materials and Resins	2.1		X	2.8	1.1	3.2	0.0	X	5.4
325212	Synthetic Rubber	0.0		X	0.0	0.0	0.0	0.0	Х	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0		X	0.0	0.0	0.0	0.0	X	0.0
325311	Nitrogenous Fertilizers	D		X	2.7 D	3.8	37.4	X D	X	D D
325312 3254	Phosphatic Fertilizers Pharmaceuticals and Medicines	0.0 5.9		0.0 X	2.4	D 5.1	24.9	X	X	36.2
325412	Pharmaceutical Preparation	9.7		X	2.9	9.5	29.5	X	X	40.0
325992	Photographic Film, Paper, Plate, and Chemicals	D		X	0.4	0.4	1.6	Х	Х	D
326	Plastics and Rubber Products	7.7		X	73.0	14.1	17.4	X	X	2.9
327	Nonmetallic Mineral Products	3.5		97.3	16.6	1.7	28.2	7.4	13.6	14.1
327120 327211	Clay Building Material and Refractories Flat Glass	2.1		X	2.3	2.1	5.5	0.0	0.0 X	30.5 0.0
327212	Other Pressed and Blown Glass and Glassware	0.6		X	1.3	0.7	27.4	X	X	0.1
327213	Glass Containers	0.0		X	0.0	0.0	0.0	Х	Х	0.0
327215	Glass Products from Purchased Glass	0.9		X	27.6	1.0	1.9	X	X	0.1
327310	Cements	0.4		X	0.3	1.2	1.1	0.3	9.3	0.1
327410 327420	Lime Gypsum	0.0		X	0.0 47.3	0.0	0.0	0.0 X	0.0 X	0.0
327993	Mineral Wool	0.7	0.4		0.0	1.0	6.1	0.0	0.0	0.0
331	Primary Metals	0.3		0.3	0.9	0.2	2.2	0.1	0.4	0.9
331110	Iron and Steel Mills and Ferroalloys	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
3312	Steel Products from Purchased Steel	9.4		X	11.8	3.8	15.3	0.0	0.0	27.4
3313 331314	Alumina and Aluminum Secondary Smelting and Alloying of Aluminum	0.2		X	0.7 2.8	0.4 2.3	1.0 1.1	X	X	0.1
331314	Aluminum Sheet, Plate and Foils	0.0		X	0.0	0.0	0.0	X	x	0.0
331318	Other Aluminum Rolling, Drawing and Extruding	0.6		X	0.3	0.4	2.2	X	X	11.1
3314	Nonferrous Metals, except Aluminum	1.0	0.9	X	5.2	1.3	2.0	0.0	10.8	1.3
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.7		X	0.0	1.2	3.1	0.0	0.0	0.1
3315	Foundries Iron Foundries	0.9		89.7	1.6	0.9	1.7	0.3	4.2	1.9
331511 331523	Nonferrous Metal Die-Casting Foundries	1.7		X 89.7	1.0 5.9	1.9 1.6	4.2	0.0 X	4.2 X	4.1 0.6
331524	Aluminum Foundries, except Die-Casting	0.9		X	1.8	1.2	2.9	X	X	3.2
332	Fabricated Metal Products	11.3		X	59.0	16.0	19.0	70.3	Х	39.7
333	Machinery	11.9		99.0	28.4	13.0	26.7	99.0	X	46.5
334	Computer and Electronic Products	7.2		0.0	55.3	11.4	48.2	X	X	29.8
334413 335	Semiconductors and Related Devices Electrical Equip., Appliances, and Components	3.3		X	1.0 23.5	3.7 15.1	13.8 24.5	X	X	11.2 34.3
335 336	Transportation Equipment	7.8		10.2	28.8	8.4	12.1	X	30.3	6.1
336111	Automobiles	0.0		X	0.0	0.0	0.0	X	X	0.0
336112	Light Trucks and Utility Vehicles	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
3364	Aerospace Product and Parts	2.9		X	3.5	2.6	10.3	X	X	0.9
336411	Aircraft Furniture and Polated Products	5.6		X	5.4	1.6	52.7	75 Q	X	
337 339	Furniture and Related Products Miscellaneous	9.2		X	55.1 59.6	12.4 17.5	24.4 40.7	75.8 99.0	X	58.2 43.7
·· -	Total	0.8		0.6	D	1.1	1.5	D	^_ D	
311	Food	Northeast Cens 10.2		0.0	88.3	9.8	15.3	Х	Х	20.
-		±0.2		0.0	55.5	5.0	13.3	^		20.0

3112	Grain and Oilseed Milling	2.3	5.2	X	71.1	0.9	0.0	X	x	x
311221 31131	Wet Corn Milling Sugar Manufacturing	0.0	0.0	X	0.0	0.0	0.0	х х	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	10.5	6.5	0.0	16.0	13.6	14.9	<u>^</u>	<u>^</u>	8.9
3115	Dairy Product	5.1	4.7	0.0	14.8	6.5	10.2	X	X	24.6
3116	Animal Slaughtering and Processing	2.5	2.9	X	2.3	2.2	35.1	X	X	16.9
312	Beverage and Tobacco Products	5.1	7.1	0.0	44.2	4.4	28.2	X	X	0.0
3121 3122	Beverages Tobacco	5.4	7.2	0.0	44.7 0.0	4.8	28.4	X	X	0.0
313	Textile Mills	8.5	6.3	X	59.3	13.1	3.7	^	` X	83.5
314	Textile Product Mills	30.7	32.3	X	78.8	41.4	54.9	0.0	X	97.5
315	Apparel	27.8	30.5	X	X	36.6	68.3	99.4	X	X
316	Leather and Allied Products	11.0	8.7	X	2.4	15.1	9.1	Х	X	X
321	Wood Products Sawmills	19.0	8.5 1.9	0.4	16.3	16.6 9.7	7.3	63.3	X	39.1
321113 3212	Veneer, Plywood, and Engineered Woods	3.4	1.9	0.0	3.7 6.4	1.2	7.1 9.3	X 80.4	X	5.5 1.0
321219	Reconstituted Wood Products	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
3219	Other Wood Products	35.0	15.4	85.9	44.2	30.2	44.2	75.3	Х	63.6
322	Paper	3.4	6.8	0.0	8.0	4.4	29.9	0.0	X	0.1
322110 322121	Pulp Mills	D 0.0	D 0.0	0.0	0.0	D 0.0	0.0	0.0	X	D.0
322121	Paper Mills, except Newsprint Newsprint Mills	X X	X	X	X	X X	X	X	X	V.U
322130	Paperboard Mills	D	D	0.0	0.0	D	0.0	X	X	D
323	Printing and Related Support	21.1	21.9	X	50.1	28.9	61.4	Х	X	98.9
324	Petroleum and Coal Products	2.9	0.6	3.7	D	1.2	3.0	X	X	D
324110 324121	Petroleum Refineries Asphalt Paving Mixture and Block	D 5.6	0.0 5.9	X 3.7	17.0	0.0 5.7	X 5.0	X	X	D 6.0
324121	Asphalt Shingle and Coating Materials	0.0	0.0	X X	0.0	0.0	0.0	<u>^</u>	<u>^</u>	0.0
324122	Petroleum Lubricating Oil and Grease Products	D.0	3.8	X	25.5	1.6	2.2	- x	<u>x</u>	D.0
324199	Other Petroleum and Coal Products	D	0.0	X	D	0.0	0.0	X	X	0.0
325	Chemicals	7.7	3.5	0.0	3.0	10.6	18.0	0.0	X	8.2
325110 325120	Petrochemicals Industrial Gases	0.0	0.0 1.5	X	0.0 X	0.0 32.4	0.0 85.5	X	X	0.0 12.8
325120	Other Basic Inorganic Chemicals	5.8 8.6	1.5	X	5.1	32.4 17.7	85.5 16.7	x	X	12.8
325193	Ethyl Alcohol	0.0	0.0	X	0.0	0.0	0.0	<u>x</u>	X	0.0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	Х	0.0	X	X	X	0.0
325199	Other Basic Organic Chemicals	0.2	0.7	0.0	0.0	0.3	19.5	0.0	X	0.0
325211	Plastics Materials and Resins	1.3	1.8	X	55.5	2.4	8.1	X	X	0.0
325212 325220	Synthetic Rubber Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
325311	Nitrogenous Fertilizers	0.0	0.0	······x	0.0	0.0	0.0	X	X	0.0
325312	Phosphatic Fertilizers	0.0	0.0	X	0.0	Х	0.0	Х	Х	Х
3254	Pharmaceuticals and Medicines	1.3	2.8	X	3.5	1.2	46.1	Х	X	0.1
325412	Pharmaceutical Preparation	2.3	4.0	X	3.8	1.7	50.3	X	X	0.1
325992 326	Photographic Film, Paper, Plate, and Chemicals Plastics and Rubber Products	D 30.8	0.0 32.1	X	0.0 87.7	0.0 45.9	0.0 64.8	X	X	D 81.4
327	Nonmetallic Mineral Products	7.3	14.7	······x	47.8	3.1	30.3	0.0	X	34.5
327120	Clay Building Material and Refractories	3.5	4.1	X	0.1	5.9	8.2	0.0	Х	0.1
327211	Flat Glass	0.0	0.0	X	X	0.0	0.0	X	X	X
327212	Other Pressed and Blown Glass and Glassware	1.5	1.6	X	2.8	1.8	65.7	X	X	0.0
327213 327215	Glass Containers Glass Products from Purchased Glass	0.0	0.0 1.3	X	0.0 52.3	0.0	0.0 2.9	x	X	0.0
327310	Cements	0.0	0.0	······x	0.0	0.0	0.0	0.0	X	0.0
327410	Lime	0.0	0.0	X	0.0	0.0	X	0.0	X	Х
327420	Gypsum	0.0	0.0	X	0.0	0.0	0.0	Х	X	Х
327993	Mineral Wool	0.0	0.0	X	0.0	0.0	0.0	X	X	X
331 331110	Primary Metals Iron and Steel Mills and Ferroalloys	0.1	0.6	X	0.4	0.3	5.5 0.0	0.0	1.3	4.5 0.0
331110	Steel Products from Purchased Steel	6.0	7.9	x	6.6	2.5	38.7	0.0	0.0	53.0
3313	Alumina and Aluminum	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	X	0.0	0.0	0.0	Х	X	Х
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
331318	Other Aluminum Rolling, Drawing and Extruding	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
3314 331410	Nonferrous Metals, except Aluminum Nonferrous Metal (except Aluminum) Smelting and Refining	1.7	2.9	X	0.0 X	2.2	12.4	X	0.0 X	1.3 X
331410	Foundries	1.8	2.1	······x	5.9	1.9	2.6	0.0	49.2	14.8
331511	Iron Foundries	1.4	1.1	X	4.1	1.4	1.0	0.0	49.2	62.5
331523	Nonferrous Metal Die-Casting Foundries	5.9	12.4	X	X	3.2	1.2	Х	X	0.0
331524	Aluminum Foundries, except Die-Casting	1.7	3.1	X	7.9	1.2	6.6	X	X	5.5
332	Fabricated Metal Products Machinery	33.9 19.6	27.0 21.2	99.0	D 54.9	46.8 25.3	52.8 38.0	99.0	X	D 60.6
334	Computer and Electronic Products	13.3	12.3	0.0	66.6	18.8	51.8	39.0 X	<u>^</u>	45.3
334413	Semiconductors and Related Devices	2.4	2.2	X	0.8	2.3	0.0	X	X	23.1
335	Electrical Equip., Appliances, and Components	29.8	25.1	X	42.8	38.2	41.9	X	X	50.0
336	Transportation Equipment	37.0	53.9	61.5	22.9	23.8	12.4	X	X	8.3
336111 336112	Automobiles Light Trucks and Utility Vehicles	0.0	0.0	X	X	0.0	X	x	X	х х
3364	Aerospace Product and Parts	1.9	5.3	X	0.1	1.1	2.3	<u>^</u>	<u>x</u>	0.1
336411	Aircraft	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
337	Furniture and Related Products	25.8	25.0	X	74.3	36.2	53.2	X	X	73.3
339	Miscellaneous	35.0	37.0	X	67.3	41.5	60.4	X	X 1 2	93.8
	Total	2.6	5.1	5.3	28.4	3.8	9.5	0.1	1.3	4.3
		Midwest Census Reg	ion							
311	Food	4.7	4.2	0.0	D	6.5	30.7	0.0	D	10.2
3112	Grain and Oilseed Milling	3.0	1.9	X	7.3	4.5	22.0	0.0	X	0.6
311221 31131	Wet Corn Milling Sugar Manufacturing	0.0	0.0	0.0	0.0 D	0.0	0.0	0.0	X D	0.0 D
31131	Fruit and Vegetable Preserving and Specialty Food	9.6	15.6	V.U	15.2	9.5	7.4	X	Х Х	0.7
3115	Dairy Product	3.7	4.5	X	20.3	4.0	50.2	X	X	1.7
3116	Animal Slaughtering and Processing	6.5	3.5	X	28.1	8.9	16.6	X	X	0.2
312	Beverage and Tobacco Products	5.4	4.7	0.0	4.6	6.4	26.7	X	X	24.5
3121 3122	Beverages Tobacco	5.4	4.7 0.0	0.0 X	4.6 X	6.4 0.0	26.7 X	X	X	24.5 X
3122	Textile Mills	10.0	12.7	X	94.7	13.1	32.5	X	X	1.0
314	Textile Product Mills	46.2	41.4	X	X X	57.4	32.3 X	x	X	X
314										
315	Apparel Leather and Allied Products	41.5 12.6	40.9 7.8	x	X 31.0	61.2 17.2	X 48.1	X	X X	23.1

321	Wood Products	14.2	6.9	86.3	79.4	6.2	18.5	X	X	42.5
321113	Sawmills	6.1	9.7	86.3	5.6	4.7	20.8	X	X	32.0
3212	Veneer, Plywood, and Engineered Woods	1.3	1.1	X	2.1	2.2	10.6	X	X	1.0
321219 3219	Reconstituted Wood Products	0.5	0.8	X	0.0	0.5 12.0	7.2	X	X	0.2
3219	Other Wood Products Paper	23.5	11.6 4.7	0.0	95.8 0.5	3.9	25.3 21.7	0.0	X	49.8 0.1
322110	Pulp Mills	0.0	0.0	X	0.0	0.0	0.0	X	^	0.0
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
322122	Newsprint Mills	X	X	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
323	Printing and Related Support	12.7	12.5	X	18.7	14.4	20.4	X	X	49.7
324	Petroleum and Coal Products	2.0	0.1	0.0	D	0.3	18.4	D	X	D
324110	Petroleum Refineries	D	0.0	Х	X	0.0	0.0	Х	X	D
324121	Asphalt Paving Mixture and Block	8.8	2.6	0.0	4.0	3.8	30.3	X	X	9.7
324122	Asphalt Shingle and Coating Materials	1.6	3.4	0.0	0.0	1.3	1.8	X	X	1.7
324191	Petroleum Lubricating Oil and Grease Products	3.4	3.6	X	0.2	3.8	9.3	X	X	78.6
324199	Other Petroleum and Coal Products	D	0.0	X	D	0.0	0.0	D	X	D
325	Chemicals	3.1	2.6	0.0	4.3	4.2	0.6	1.1	Х	12.1
325110	Petrochemicals	0.0	0.0	X	0.0	0.0	0.0	X	X	X
325120	Industrial Gases	3.0	3.2	X	X	9.0	26.2	X	X	0.0
325180 325193	Other Basic Inorganic Chemicals Ethyl Alcohol	1.1	0.7	0.0 X	D 2.9	2.0	4.6 9.3	0.0	X X	D 2.2
325193	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	2.1 0.0	x	0.0	1.6 0.0	0.0	0.0	<u>^</u>	0.0
325199	Other Basic Organic Chemicals	12.8	5.9	x	9.9	20.4	0.1	87.5	X	0.2
325211	Plastics Materials and Resins	1.5	2.3	X	10.9	6.1	D	0.0	X	D.2
325212	Synthetic Rubber	0.0	0.0	X	0.0	0.0	0.0	Х Х	X	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	X	0.0	0.0	X	X	X
325311	Nitrogenous Fertilizers	D	0.1	X	2.5	0.1	39.4	X	X	D
325312	Phosphatic Fertilizers	0.0	0.0	X	0.0	0.0	0.0	X	X	X
3254	Pharmaceuticals and Medicines	10.7	8.4	Х	14.3	15.0	38.0	Х	Х	0.1
325412	Pharmaceutical Preparation	12.6	1.9	X	12.3	20.1	40.2	Х	X	0.1
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	X	0.0	0.0	0.0	Х	Х	0.0
326	Plastics and Rubber Products	13.6	12.8	X	57.8	23.7	25.8	X	X	50.9
327	Nonmetallic Mineral Products	2.0	4.0	X	36.9	2.6	32.7	0.0	0.0	2.6
327120	Clay Building Material and Refractories	5.0	3.6	X	5.0	3.4	13.7	0.0	0.0	83.7
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327212	Other Pressed and Blown Glass and Glassware	0.9	0.9	X	0.8	1.0	8.0	X	X	0.0
327213 327215	Glass Containers Glass Products from Purchased Glass	0.0	0.0 2.6	x	0.0	0.0 2.5	0.0 8.1	X	X	0.0
327215	Cements	0.1	0.1	X	0.1	0.1	0.0	0.0	0.0	0.0
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
327420	Gypsum	0.3	2.2	X	0.0	0.2	1.5	Х Х	X	0.0
327993	Mineral Wool	0.5	0.7	X	0.0	0.5	3.2	X	0.0	0.0
331	Primary Metals	0.1	0.2	0.3	0.5	0.2	2.1	0.1	0.2	0.4
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3312	Steel Products from Purchased Steel	2.6	1.8	Х	5.3	3.7	17.6	0.0	X	37.4
3313	Alumina and Aluminum	0.4	0.2	Х	1.1	0.8	3.8	Х	X	0.1
331314	Secondary Smelting and Alloying of Aluminum	2.6	3.3	X	2.6	2.7	6.7	X	X	0.0
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
331318	Other Aluminum Rolling, Drawing and Extruding	1.7	2.5	X	0.4	1.2	4.6	X	X	14.8
3314	Nonferrous Metals, except Aluminum	1.6	0.9	X	13.0	3.1	0.7	X	0.0	5.3
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	X	0.0	0.0	0.0	X	0.0	0.0
3315	Foundries	1.3	1.3	89.7	1.4	1.4	2.1	0.3	5.2	1.6
331511	Iron Foundries	2.4	2.2	X	1.3	2.9	5.6	0.0	5.2	3.6
331523	Nonferrous Metal Die-Casting Foundries	2.0	1.5	89.7	7.4	2.4	2.5	X	X	0.7
331524	Aluminum Foundries, except Die-Casting	1.3	1.5	X	0.0	1.7	0.8	X	X	0.0
332	Fabricated Metal Products Machinery	15.7 14.1	15.6 13.8	X	D 33.2	21.4 17.9	21.5 41.1	X	X	D 62.8
334	Computer and Electronic Products	15.2	16.0	X	16.7	22.7	87.3	x	<u>^</u>	4.9
334413	Semiconductors and Related Devices	11.7	11.6	x	0.0	12.2	53.0	x	` X	4.8
335	Electrical Equip., Appliances, and Components	26.2	21.7	X	43.6	35.2	33.4	X	X	78.5
336	Transportation Equipment	12.9	15.5	X	31.1	13.0	21.6	X	30.3	9.0
336111	Automobiles	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
336112	Light Trucks and Utility Vehicles	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
3364	Aerospace Product and Parts	2.0	2.5	Х	0.0	2.4	31.5	Х	X	0.2
336411	Aircraft	1.6	1.6	X	0.0	1.3	81.1	X	X	0.0
337	Furniture and Related Products	14.6	15.5	X	88.7	16.5	31.2	Х	Х	47.3
339	Miscellaneous	15.1	15.4	X	5.6	19.9	72.8	99.0	Х	0.2
	Total	1.4	2.5	0.1	D	2.1	1.1	D	D	D
		Carrella Communication in the								
311	Food	South Census Region	5.8	2.0	14.6	6.2	17.7	0.0	v	23.9
3112	Grain and Oilseed Milling	5.6 2.6	6.2	16.7	14.6	1.9	35.1	0.0	X	9.6
3112	Wet Corn Milling	0.0	0.0	16.7 X	0.0	0.0	0.0	0.0	x	0.0
311221	Sugar Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	4.3	5.4	X X	13.7	4.9	17.6	X	<u>^</u>	6.5
3115	Dairy Product	10.1	12.5	X	52.7	9.2	0.4	X	X	61.4
3116	Animal Slaughtering and Processing	6.0	4.2	x	17.6	4.6	28.6	X	X	40.5
312	Beverage and Tobacco Products	17.0	28.4	0.0	5.4	18.9	10.1	0.0	X	1.9
3121	Beverages	19.4	31.5	X	6.9	22.3	17.2	0.0	X	1.9
3122	Tobacco	0.0	0.0	0.0	0.0	0.0	0.0	Х	Х	0.0
313	Textile Mills	7.6	6.7	88.0	6.0	17.2	50.3	16.7	Х	4.3
314	Textile Product Mills	11.5	9.4	X	31.5	15.6	34.2	X	X	87.8
315	Apparel	12.4	15.6	X	51.8	11.8	44.2	Х	X	98.2
316	Leather and Allied Products	9.8	12.6	X	X	4.8	45.8	Х	Х	0.0
321	Wood Products	7.3	4.6	2.4	7.7	17.0	15.4	X	X	7.8
321113	Sawmills	15.8	8.8	83.8	7.1	46.5	19.3	X	X	1.8
3212	Veneer, Plywood, and Engineered Woods	1.1	1.7	0.0	4.1	1.4	3.3	X	X	0.8
321219	Reconstituted Wood Products	1.2	2.3	0.0	4.8	1.5	9.3	X	X	0.1
3219	Other Wood Products	17.4	11.0	X	27.1	34.1	27.8	X	X	39.8
322	Paper	0.9	2.4	0.0	0.1	1.2	14.3	0.0	X	0.1
322110	Pulp Mills	D	D	D	0.0	D	0.0	0.0	X	D
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
322122	Newsprint Mills	D	0.0	X	0.0	0.0	0.0	X	X	D
322130	Paperboard Mills	D	D 16.0	D	0.0	D 10.7	0.0	0.0	X	D
323	Printing and Related Support	15.3	16.0	10 Q	47.3	19.7 0.7	26.2	X D	X	87.7
324 324110	Petroleum and Coal Products Petroleum Refineries	1.1 D	0.9	19.8 X	29.9 X	0.7	25.4 X	х	x	D D
324110	i caoicani Neiniches	<u>U</u>	0.0	·····^	^	0.0	<u>^</u>	·····^	^	U

14.2 6.9 86.3 79.4 6.2 18.5 X X 42.5

321

Wood Products

324121	Asphalt Paving Mixture and Block	8.9	20.4	19.8	33.7	9.7	34.6	19.9	X	
324122	Asphalt Shingle and Coating Materials	2.7	2.8	X	1.2	2.3	7.7	X	X	3
324191	Petroleum Lubricating Oil and Grease Products	D	22.5	X	71.8	24.9	42.7	X	X	
324199	Other Petroleum and Coal Products	D	0.0 2.1	X	0.0 34.5	0.0 2.5	0.0	D	0.0	
25 325110	Chemicals Petrochemicals	1.4 0.0	0.0	0.1 X	0.0	0.0	1.6 0.0	4.0 X	V.0	
325120	Industrial Gases	6.3	7.1	X	0.0	7.5	65.0	- X	x	·
325120	Other Basic Inorganic Chemicals	9.0	3.0	0.1	4.7	16.8	0.1	0.0	0.0	
325193	Ethyl Alcohol	0.0	0.0	X	0.0	0.0	0.0	X	X	
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	0.0	0.0	0.0	0.0	X	
325199	Other Basic Organic Chemicals	4.7	7.3	X	61.0	6.7	6.7	0.0	X	
325211	Plastics Materials and Resins	2.4	2.9	X	2.5	1.1	D	0.0	Х	
325212	Synthetic Rubber	0.0	0.0	X	0.0	0.0	0.0	0.0	X	(
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	0.0	0.0	0.0	0.0	X	
325311	Nitrogenous Fertilizers	5.3	22.3	X	5.7	4.9	52.1	X	X	3:
325312	Phosphatic Fertilizers	D	0.0	0.0	D	D	0.0	D	X	
3254	Pharmaceuticals and Medicines Pharmaceutical Preparation	14.7	2.0	X	0.6	2.0	1.4	X	X	4:
325412 325992	Photographic Film, Paper, Plate, and Chemicals	22.4	2.5	X	1.0 29.0	1.4	2.1	X	X	4:
323332	Plastics and Rubber Products	14.5	15.0	x	79.1	21.8	22.7	X	X	
27	Nonmetallic Mineral Products	1.4	2.7	97.3	21.1	2.1	28.5	0.3	6.4	
327120	Clay Building Material and Refractories	2.9	5.3	X	3.2	3.0	7.2	X	X	2
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	0.0	X	
327212	Other Pressed and Blown Glass and Glassware	0.9	0.6	X	0.0	1.2	33.6	Х	Х	
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	Х	Х	
327215	Glass Products from Purchased Glass	1.2	1.8	X	37.6	0.9	1.7	Х	X	
327310	Cements	0.8	0.7	X	0.0	2.6	0.0	0.4	10.1	
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	
327420	Gypsum	1.0	3.3	X	1.7	0.9	2.2	Х	X	
327993	Mineral Wool	0.3	0.7	X	0.0	0.2	11.9	0.0	0.0	
31	Primary Metals	1.1	2.5	X	2.1	0.4	6.8	0.0	9.4	
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	
312	Steel Products from Purchased Steel	19.7	30.7	X	17.3	9.0	42.8	X	0.0	3
313	Alumina and Aluminum	0.4	0.1	X	1.3	0.6	0.9	X	X	
331314	Secondary Smelting and Alloying of Aluminum	3.9	2.5	X	6.3 0.0	4.2	1.0	X	X	
331315	Aluminum Sheet, Plate and Foils Other Aluminum Polling, Drawing and Extruding	0.0	0.0	X		0.0	0.0	X	X	
331318 314	Other Aluminum Rolling, Drawing and Extruding Nonferrous Metals, except Aluminum	0.5 1.9	1.4	X	1.3 0.0	0.4 2.3	2.7 8.9	0.0	X 18.4	
	Nonferrous Metal (except Aluminum) Smelting and Refining				0.0					
331410 315	Foundries	0.0	0.0	X	3.4	0.0	0.0 4.2	0.0	0.0	
331511	Iron Foundries	1.6	2.3	X	1.5	1.4	7.6	X	0.0	
331523	Nonferrous Metal Die-Casting Foundries	1.4	1.3	X	0.0	1.6	1.9	^	X X	
331524	Aluminum Foundries, except Die-Casting	0.7	2.2	X	0.0	0.1	20.9	X	X	
32	Fabricated Metal Products	26.1	21.4	X	46.4	34.7	37.1	70.3	X	E
33	Machinery	28.3	37.4	X	73.0	29.2	41.1	X	X	6
34	Computer and Electronic Products	21.0	19.2	X	1.6	33.9	41.4	X	X	1
334413	Semiconductors and Related Devices	2.3	2.9	X	0.0	0.0	0.0	Х	Х	1
35	Electrical Equip., Appliances, and Components	20.7	13.7	X	36.9	16.9	28.3	Х	X	3
36	Transportation Equipment	10.6	9.4	3.5	39.2	15.5	18.2	X	X	
336111	Automobiles	0.0	0.0	X	0.0	0.0	0.0	Х	X	
336112	Light Trucks and Utility Vehicles	0.0	0.0	X	0.0	0.0	0.0	X	X	
3364	Aerospace Product and Parts	10.4	11.4	X	27.5	14.0	5.2	X	X	
336411	Aircraft	13.3	19.9	X	0.0	5.4	26.1	X	X	
37	Furniture and Related Products	20.1	17.0	X	42.9	30.3	24.7	75.8	X	7
39	Miscellaneous	21.4	18.2	X	70.4	33.4	67.6	X	X	9
	Total	1.0	1.9	0.2	10.2	1.5	1.6	D	5.7	
11	rd	West Census Region	27.2	V	24.4	12.2	44.0	0.0		
.1 112	Food Grain and Oilseed Milling	18.5 4.6	37.2 7.6	X	34.4 0.0	13.2 6.1	44.8 42.8	0.0 X	0.0 X	6
311221	Wet Corn Milling	0.0	0.0	X	X	0.0	0.0	<u>^</u>	x	
311221	Sugar Manufacturing	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	
114	Fruit and Vegetable Preserving and Specialty Food	3.5	5.0	X	17.5	3.8	7.4	X	X	
115	Dairy Product	2.5	3.0	X	35.2	2.7	27.1	X	X	4
116	Animal Slaughtering and Processing	60.3	73.8	X	10.8	32.4	59.2	<u>^</u>	X	
12	Beverage and Tobacco Products	6.3	10.6	X	26.4	5.6	20.6	X	X	
121	Beverages	6.3	10.6	X	26.4	5.6	20.6	X	X	
122	Tobacco	0.0	0.0	X	X	X	X	X	X	
13	Textile Mills	9.8	15.7	X	X	12.5	73.6	X	X	
14	Textile Product Mills	50.3	42.1	X	X	57.0	92.5	Х	X	
15	Apparel	23.3	26.1	X	X	31.1	32.2	X	X	
16	Leather and Allied Products	7.9	7.6	X	X	10.6	33.4	X	X	
21	Wood Products	13.7	3.6	0.0	3.4	4.4	10.7	X	X	2
321113	Sawmills	1.0	2.7	X	1.5	1.4	18.4	X	X	
212	Veneer, Plywood, and Engineered Woods	1.2	2.5	X	6.7	3.2	6.1	X	X	
321219	Reconstituted Wood Products	0.6	1.0	X	0.0	0.1	7.7	X	X	
219	Other Wood Products	49.8	15.0	X	27.4	20.8	25.0	X	X	
22	Paper	1.7	3.1	0.0	4.4	2.5	26.4	X	X	
322110	Pulp Mills	D	0.0	D	X	X	X	X	X	
322121	Paper Mills, except Newsprint	0.0	0.0	X	0.0	0.0	0.0	X	X	
322122	Newsprint Mills	D	0.0	X	0.0	0.0	0.0	X	X	
322130 :3	Paperboard Mills Printing and Related Support	0.0 23.2	0.0 23.8	DX	0.0 99.0	0.0 31.4	0.0 44.5	X	X	
4	Petroleum and Coal Products	2.0	0.3	58.9	8.8	0.1	52.7	X	X	
324110	Petroleum And Coal Products Petroleum Refineries	0.0	0.0	38.9 X	8.8 X	0.0	32.7 X	X	X	
324121	Asphalt Paving Mixture and Block	10.9	10.4	58.9	9.1	4.2	53.7	- X	X	
324122	Asphalt Shingle and Coating Materials	1.8	3.1	X X	19.9	0.5	1.5	- X	x	
	Petroleum Lubricating Oil and Grease Products	0.0	0.0	X	X X	0.0	0.0	^	x	
	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	^	X	
324191		2.1	5.1	X	1.4	1.2	39.1	0.0	x	
324191 324199	Chemicals		X X	X	X	X	X X	X	X	
324191 324199 25	Chemicals Petrochemicals	Y	^			0.1	95.1	<u>^</u>	X	
324191 324199 25 325110	Petrochemicals	X 1.8	46	Y						
324191 324199 25 325110 325120	Petrochemicals Industrial Gases	1.8	4.6	X	X					
324191 324199 25 325110 325120 325180	Petrochemicals Industrial Gases Other Basic Inorganic Chemicals	1.8 3.2	1.3	X	D	2.6	12.3	0.0	X	
324191 324199 25 325110 325120 325180 325193	Petrochemicals Industrial Gases Other Basic Inorganic Chemicals Ethyl Alcohol	1.8 3.2 0.0	1.3 0.0	X	D 0.0	2.6 0.0	12.3 0.0	0.0 X	X	
324191 324199 25 325110 325120 325180 325193 325194	Petrochemicals Industrial Gases Other Basic Inorganic Chemicals Ethyl Alcohol Cyclic Crudes, Intermediate and Gum and Wood Chemicals	1.8 3.2 0.0 0.0	1.3 0.0 0.0	X X X	D 0.0 0.0	2.6 0.0 0.0	12.3 0.0 0.0	0.0 X 0.0	X X X	
324122 324191 324199 25 325110 325120 325180 325193 325194 325199 325211	Petrochemicals Industrial Gases Other Basic Inorganic Chemicals Ethyl Alcohol	1.8 3.2 0.0	1.3 0.0	X	D 0.0	2.6 0.0	12.3 0.0	0.0 X	X	

325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	X	0.0	0.0	Х	X	X
325311	Nitrogenous Fertilizers	6.9	8.6	X	7.9	6.2	37.8	Х	Х	0.0
325312	Phosphatic Fertilizers	D	0.0	X	D	0.0	0.0	Х	X	0.0
3254	Pharmaceuticals and Medicines	6.4	6.5	X	14.1	6.9	41.8	Х	Х	96.2
325412	Pharmaceutical Preparation	9.2	8.3	X	17.9	11.9	46.1	Х	X	50.5
325992	Photographic Film, Paper, Plate, and Chemicals	D	0.1	X	0.0	0.1	0.0	Х	Х	D
326	Plastics and Rubber Products	32.1	32.6	X	99.0	62.0	40.8	Х	Х	87.6
327	Nonmetallic Mineral Products	16.4	9.0	X	31.7	8.7	66.4	27.2	59.9	44.3
327120	Clay Building Material and Refractories	1.2	2.0	X	2.8	1.3	3.9	Х	Х	0.0
327211	Flat Glass	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327212	Other Pressed and Blown Glass and Glassware	2.7	11.1	X	84.4	2.1	12.0	Х	Х	8.7
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	Х	X	0.0
327215	Glass Products from Purchased Glass	1.8	1.8	X	0.0	2.8	3.7	Х	Х	0.3
327310	Cements	0.5	0.8	X	1.6	0.2	23.2	0.7	30.1	0.1
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
327420	Gypsum	4.6	2.5	X	78.4	0.1	0.1	Х	Х	0.0
327993	Mineral Wool	5.3	1.3	X	0.0	8.3	4.1	Х	Х	0.0
331	Primary Metals	0.6	0.6	X	4.3	0.8	3.6	0.0	0.0	0.1
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	X	0.0	0.0	0.0	0.0	Х	0.0
3312	Steel Products from Purchased Steel	7.0	7.8	X	8.2	15.9	1.5	Х	Х	27.8
3313	Alumina and Aluminum	0.3	0.2	X	0.0	0.4	3.6	Х	Х	0.0
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	X	0.0	0.0	0.0	Х	Х	0.0
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	X	0.0	0.0	0.0	X	Х	0.0
331318	Other Aluminum Rolling, Drawing and Extruding	2.5	4.4	Х	0.0	1.7	5.6	Х	Х	0.0
3314	Nonferrous Metals, except Aluminum	2.0	2.1	X	22.0	2.4	4.6	X	Х	0.1
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	1.8	1.9	Х	0.0	1.8	23.5	Х	Х	0.3
3315	Foundries	1.4	1.8	X	5.3	1.6	11.6	Х	0.0	0.1
331511	Iron Foundries	0.7	0.5	X	0.0	0.3	48.0	X	0.0	0.0
331523	Nonferrous Metal Die-Casting Foundries	3.1	1.3	Х	0.0	4.1	9.8	Х	Х	0.0
331524	Aluminum Foundries, except Die-Casting	5.0	2.5	X	64.2	6.5	0.4	X	Х	0.0
332	Fabricated Metal Products	29.8	27.5	Х	70.3	37.4	42.3	Х	Х	84.1
333	Machinery	31.3	24.0	X	73.8	47.4	57.8	X	X	68.9
334	Computer and Electronic Products	7.5	6.7	Х	9.0	12.1	68.8	Х	Х	33.0
334413	Semiconductors and Related Devices	6.3	6.3	Х	4.3	7.3	5.3	Х	Х	1.2
335	Electrical Equip., Appliances, and Components	29.4	22.5	X	96.8	53.3	80.5	Х	Х	95.6
336	Transportation Equipment	7.4	11.0	Х	1.4	5.0	23.0	Х	Х	0.5
336111	Automobiles	0.0	0.0	X	0.0	0.0	0.0	X	Х	0.0
336112	Light Trucks and Utility Vehicles	0.0	0.0	Х	X	0.0	0.0	Х	Х	Х
3364	Aerospace Product and Parts	1.6	2.3	X	1.6	1.7	2.5	X	X	0.2
336411	Aircraft	4.0	6.7	X	7.5	2.7	12.1	X	X	0.1
337	Furniture and Related Products	28.4	26.7	X	X	44.0	52.5	X	X	99.0
339	Miscellaneous	22.7	23.6	X	74.5	32.6	48.5	X	X	93.5
	Total	4.0	9.5	14.0	18.0	3.0	18.4	15.8	42.9	8.1

NA=Not available.

Notes: Totals may not equal sum of components because of independent rounding. *Purchases* exclude quantities that are transferred in from other establishments of the same company, quantities purchased by a central purchasing office offsite, and quantities for which payment is made in-kind.

Source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-846, 2018 Manufacturing Energy Consumption Survey.

The Census Bureau has reviewed this data product for unauthorized disclosure of confidential information and has approved the disclosure avoidance practices applied (Approval ID: CBDRB-FY21-312).

⁽a) The Bureau of the Census classifies establishments using the 2017 North American Industry Classification System (NAICS).
(b) Distillate Fuel Oil includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.
(c) Natural Gas includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.
(d) Hydrocarbon Gas Liquids (HGL) include ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids (NGL).

rocessing plants, including plants that fractionate raw Natural Gas Liquids (NGL).

(e) Other energy sources include such combustible energy sources as wood waste, hydrogen, and waste oils and tars.

* Estimate less than 0.5.

D=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

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