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Next MECS will be fielded in 2027

Table 7.9 Expenditures for purchased energy sources, 2022

Level: National and regional data

Row: NAICS codes

Column: Energy sources

Unit: Million U.S. dollars

NAICS code ^a	Subsector and industry	Total	Electricity	Residual fuel oil	Distillate fuel oil ^b	Natural gas ^c	HGL (excluding natural gasoline) ^d	Coal	Coke and breeze	Other ^e
Total United States										
311	Food	12,413	6,982	3	394	4,343	130	234	27	299
3112	Grain and Oilseed Milling	2,549	1,193	*	20	966	3	153	0	215
311221	Wet Corn Milling and Starch Manufacturing	1,138	427	0	12	439	1	88	0	172
31131	Sugar Manufacturing	435	141	*	11	170	1	82	27	2
3114	Fruit and Vegetable Preserving and Specialty Food	1,454	807	*	11	609	17	0	0	8
3115	Dairy Product Manufacturing	1,967	1,193	Q	28	676	Q	0	0	Q
3116	Animal Slaughtering and Processing	3,201	1,979	*	74	1,111	32	0	0	4
312	Beverage and Tobacco Products	2,323	1,717	0	12	556	29	4	0	5
3121	Beverages	2,228	1,655	0	11	525	28	4	0	4
3122	Tobacco	95	62	0	1	31	2	0	0	*
313	Textile Mills	807	626	0	Q	164	8	1	0	6
314	Textile Product Mills	375	272	0	*	82	Q	0	0	Q
315	Apparel	73	63	0	Q	9	*	0	0	*
316	Leather and Allied Products	43	28	0	*	12	1	0	0	Q
321	Wood Products	3,416	2,174	1	350	572	69	*	0	250
321113	Sawmills	1,352	980	1	165	128	12	0	0	66
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	896	469	*	38	274	16	0	0	100
321219	Reconstituted Wood Products	487	247	*	4	162	3	0	0	71
3219	Other Wood Products	930	663	0	38	146	31	*	0	51
322	Paper	9,587	4,103	113	103	4,356	66	212	0	634
322110	Pulp Mills	D	D	17	16	D	D	D	0	55
322120	Paper Mills	2,931	1,234	33	30	1,291	9	88	0	245
322130	Paperboard Mills	3,808	1,375	37	46	1,930	7	101	0	314
323	Printing and Related Support	1,176	984	Q	Q	183	8	0	0	*
324	Petroleum and Coal Products	26,329	3,926	21	D	7,862	21	1,602	D	12,630
324110	Petroleum Refineries	13,454	3,508	0	*	7,239	*	0	0	2,708
324121	Asphalt Paving Mixture and Block	7,434	216	21	132	401	12	0	0	6,651
324122	Asphalt Shingle and Coating Materials	2,701	78	0	D	77	D	0	0	2,539
324191	Petroleum Lubricating Oil and Grease Manufacturing	152	72	0	1	74	D	0	0	D
324199	All Other Petroleum and Coal Products Manufacturing	2,588	52	0	D	71	D	1,602	D	D
325	Chemicals	77,124	11,897	346	272	19,923	38,360	562	0	5,764
325110	Petrochemicals	25,767	575	0	17	2,412	20,423	*	0	2,339
325120	Industrial Gases	3,031	2,140	0	2	843	1	0	0	45
325180	Other Basic Inorganic Chemical Manufacturing	4,428	1,670	345	7	1,531	201	103	0	571
325193	Ethyl Alcohol	3,495	735	0	5	2,436	7	42	0	269
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	1,646	370	0	15	884	3	101	0	273
325199	All Other Basic Organic Chemical Manufacturing	10,492	1,342	1	68	2,793	5,360	183	0	745
325211	Plastics Materials and Resins	16,718	1,463	0	28	3,255	11,420	0	0	551
325212	Synthetic Rubber	688	102	0	1	178	103	8	0	295
325220	Artificial and Synthetic Fibers and Filaments	306	165	0	1	139	1	0	0	*
325311	Nitrogenous Fertilizers	3,433	353	0	5	3,028	12	0	0	36
325312	Phosphatic Fertilizers	398	189	0	66	26	1	114	0	2
3254	Pharmaceuticals and Medicines	1,796	1,249	0	12	508	4	*	0	22
325412	Pharmaceutical Preparation	915	610	0	10	286	2	0	0	7
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	101	58	0	*	16	*	0	0	26
326	Plastics and Rubber Products	7,985	7,010	Q	Q	789	113	0	0	55
327	Nonmetallic Mineral Products	10,837	5,469	*	533	3,128	53	882	Q	587
327120	Clay Building Material and Refractories	344	121	0	9	196	3	12	0	3
327211	Flat Glass	397	139	0	*	257	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	269	137	0	*	130	2	0	0	*
327213	Glass Containers	549	265	0	*	283	1	0	0	*
327215	Glass Products from Purchased Glass	493	323	0	*	69	3	0	0	Q
327310	Cements	2,449	1,070	0	90	583	1	527	13	166
327410	Lime	637	108	0	38	162	*	264	6	59
327420	Gypsum	662	155	*	13	485	7	0	0	1
327993	Mineral Wool	756	355	0	1	223	5	4	Q	1
331	Primary Metals	16,544	6,702	*	161	4,024	82	1,870	3,469	238
331110	Iron and Steel Mills and Ferroalloys	D	3,295	*	107	2,520	7	1,870	3,177	D
3312	Steel Products from Purchased Steel	728	474	0	10	219	8	0	2	15
3313	Alumina and Aluminum Production and Processing	D	1,404	0	25	730	12	0	0	D
331314	Secondary Smelting and Alloying of Aluminum	197	50	0	6	139	1	0	0	*
331315	Aluminum Sheet, Plate and Foils	D	402	0	15	384	4	0	0	D
331318	Other Aluminum Rolling, Drawing and Extruding	299	185	0	1	107	6	0	0	1
3314	Nonferrous Metal (except Aluminum) Production and Processing	1,056	675	0	14	274	35	*	48	10
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	367	265	0	8	91	2	*	1	1
3315	Foundries	1,403	853	0	5	282	19	*	243	1
331511	Iron Foundries	743	406	0	3	83	6	*	243	*
331523	Nonferrous Metal Die-Casting Foundries	280	177	0	*	96	7	0	0	*
331524	Aluminum Foundries, except Die-Casting	80	52	0	*	26	2	0	0	*
332	Fabricated Metal Products	6,609	4,314	*	88	1,863	122	0	0	Q
333	Machinery	3,125	2,416	0	128	482	83	0	0	16
334	Computer and Electronic Products	2,732	2,482	*	3	221	7	0	0	17
334413	Semiconductors and Related Devices	1,159	1,022	*	2	119	2	0	0	14
335	Electrical Equipment, Appliances, and Components	1,387	1,062	0	21	275	16	0	4	Q
336	Transportation Equipment	5,396	4,189	Q	45	934	83	0	0	142
336110	Automobile and Light Duty Motor Vehicle Manufacturing	957	625	0	15	251	2	0	0	65
3364	Aerospace Product and Parts	1,210	933	0	6	221	12	0	0	38
336411	Aircraft	349	273	0	4	68	2	0	0	2
337	Furniture and Related Products	Q	Q	0	7	104	23	0	0	8
339	Miscellaneous	1,167	975	0	1	182	9	0	0	1
	Total	191,674	69,476	494	D	50,065	39,295	5,367	D	20,891

Northeast Census Region										
311	Food	1,183	761	*	Q	343	Q	0	0	1
3112	Grain and Oilseed Milling	49	34	0	Q	12	*	0	0	*
311221	Wet Corn Milling and Starch Manufacturing	0	0	0	0	0	0	0	0	0
31131	Sugar Manufacturing	37	27	0	0	9	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	130	87	*	1	36	6	0	0	0
3115	Dairy Product Manufacturing	264	165	*	1	90	7	0	0	*
3116	Animal Slaughtering and Processing	189	130	0	6	51	2	0	0	*
312	Beverage and Tobacco Products	258	182	0	3	68	6	0	0	*
3121	Beverages	249	179	0	3	61	6	0	0	*
3122	Tobacco	9	2	0	0	6	*	0	0	0
313	Textile Mills	86	58	0	Q	20	5	0	0	Q
314	Textile Product Mills	24	9	0	0	Q	Q	0	0	Q
315	Apparel	11	10	0	*	Q	*	0	0	0
316	Leather and Allied Products	8	5	0	*	2	*	0	0	Q
321	Wood Products	253	146	1	35	36	7	*	0	27
321113	Sawmills	78	53	1	20	*	2	0	0	1
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	40	18	*	1	19	*	0	0	Q
321219	Reconstituted Wood Products	32	13	*	*	18	*	0	0	*
3219	Other Wood Products	108	69	0	Q	16	4	*	0	14
322	Paper	1,484	629	41	16	690	16	33	0	59
322110	Pulp Mills	D	8	0	0	D	D	0	0	D
322120	Paper Mills	716	252	26	6	359	4	22	0	48
322130	Paperboard Mills	D	92	0	1	97	1	0	0	D
323	Printing and Related Support	240	204	Q	Q	34	1	0	0	*
324	Petroleum and Coal Products	2,411	220	5	42	275	4	0	0	1,865
324110	Petroleum Refineries	D	148	0	0	160	0	0	0	D
324121	Asphalt Paving Mixture and Block	1,826	53	5	D	90	D	0	0	1,637
324122	Asphalt Shingle and Coating Materials	D	6	0	*	8	D	0	0	D
324191	Petroleum Lubricating Oil and Grease Manufacturing	9	4	0	*	3	D	0	0	D
324199	All Other Petroleum and Coal Products Manufacturing	D	10	0	D	13	*	0	0	0
325	Chemicals	2,542	1,727	1	Q	673	13	0	0	87
325110	Petrochemicals	27	22	0	4	0	1	0	0	0
325120	Industrial Gases	893	881	0	1	3	*	0	0	8
325180	Other Basic Inorganic Chemical Manufacturing	112	65	0	*	44	*	0	0	3
325193	Ethyl Alcohol	15	4	0	0	11	*	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	1	*	0	0	1	*	0	0	0
325199	All Other Basic Organic Chemical Manufacturing	463	116	1	2	319	1	0	0	24
325211	Plastics Materials and Resins	178	110	0	*	54	2	0	0	12
325212	Synthetic Rubber	5	3	0	0	1	*	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	3	2	0	0	1	*	0	0	*
325311	Nitrogenous Fertilizers	2	1	0	*	1	*	0	0	0
325312	Phosphatic Fertilizers	*	*	0	*	0	*	0	0	0
3254	Pharmaceuticals and Medicines	496	342	0	5	142	2	0	0	5
325412	Pharmaceutical Preparation	224	160	0	3	58	2	0	0	1
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	58	29	0	*	5	*	0	0	24
326	Plastics and Rubber Products	913	588	Q	Q	267	Q	0	0	Q
327	Nonmetallic Mineral Products	928	355	*	74	334	10	56	0	Q
327120	Clay Building Material and Refractories	42	14	0	3	13	*	12	0	*
327211	Flat Glass	55	22	0	0	33	*	0	0	0
327212	Other Pressed and Blown Glass and Glassware	57	34	0	*	22	Q	0	0	*
327213	Glass Containers	67	35	0	*	32	*	0	0	*
327215	Glass Products from Purchased Glass	Q	31	0	*	8	1	0	0	Q
327310	Cements	229	96	0	4	109	*	16	0	3
327410	Lime	45	5	0	2	11	0	28	0	0
327420	Gypsum	99	27	*	1	69	1	0	0	0
327993	Mineral Wool	32	13	0	*	19	*	0	0	*
331	Primary Metals	2,201	757	0	14	404	10	950	12	53
331110	Iron and Steel Mills and Ferroalloys	D	D	0	11	219	*	950	1	D
3312	Steel Products from Purchased Steel	110	69	0	*	33	1	0	2	5
3313	Alumina and Aluminum Production and Processing	D	D	0	1	71	2	0	0	D
331314	Secondary Smelting and Alloying of Aluminum	8	1	0	0	7	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	108	65	0	1	42	*	0	0	*
331318	Other Aluminum Rolling, Drawing and Extruding	38	21	0	*	15	1	0	0	*
3314	Nonferrous Metal (except Aluminum) Production and Processing	198	128	0	*	53	2	0	10	4
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	38	23	0	*	14	*	0	1	0
3315	Foundries	114	81	0	1	28	5	*	0	*
331511	Iron Foundries	46	35	0	*	9	2	*	0	*
331523	Nonferrous Metal Die-Casting Foundries	12	8	0	0	3	1	0	0	*
331524	Aluminum Foundries, except Die-Casting	12	8	0	*	3	*	0	0	*
332	Fabricated Metal Products	1,021	731	*	Q	258	Q	0	0	Q
333	Machinery	305	223	0	Q	57	Q	0	0	Q
334	Computer and Electronic Products	559	497	*	1	58	*	0	0	Q
334413	Semiconductors and Related Devices	272	236	*	1	34	*	0	0	*
335	Electrical Equipment, Appliances, and Components	232	189	0	2	28	1	0	4	Q
336	Transportation Equipment	464	318	0	8	101	Q	0	0	20
336110	Automobile and Light Duty Motor Vehicle Manufacturing	*	*	0	0	*	0	0	0	*
3364	Aerospace Product and Parts	183	121	0	2	47	2	0	0	11
336411	Aircraft	D	22	0	D	D	*	0	0	*
337	Furniture and Related Products	71	50	0	*	11	Q	0	0	Q
339	Miscellaneous	123	91	0	*	28	Q	0	0	*
	Total	15,318	7,750	55	296	3,694	194	1,039	16	2,273
Midwest Census Region										
311	Food	5,374	2,853	Q	52	1,905	Q	219	27	265
3112	Grain and Oilseed Milling	1,949	832	0	14	753	1	151	0	198
311221	Wet Corn Milling and Starch Manufacturing	1,084	408	0	11	413	1	87	0	164
31131	Sugar Manufacturing	201	52	*	3	51	1	68	27	*
3114	Fruit and Vegetable Preserving and Specialty Food	378	229	0	4	141	3	0	0	*
3115	Dairy Product Manufacturing	797	467	Q	4	273	Q	0	0	Q
3116	Animal Slaughtering and Processing	1,234	746	*	27	449	10	0	0	2
312	Beverage and Tobacco Products	340	262	0	*	75	3	0	0	*
3121	Beverages	340	262	0	*	74	3	0	0	*

3122	Tobacco	*	*	0	0	*	*	0	0	0
313	Textile Mills	30	19	0	*	10	*	0	0	0
314	Textile Product Mills	37	31	0	0	6	*	0	0	0
315	Apparel	8	7	0	0	1	0	0	0	0
316	Leather and Allied Products	19	10	0	*	9	*	0	0	*
321	Wood Products	521	295	0	93	111	13	0	0	10
321113	Sawmills	70	44	0	12	13	1	0	0	*
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	146	82	0	4	56	3	0	0	1
321219	Reconstituted Wood Products	92	46	0	1	44	*	0	0	*
3219	Other Wood Products	227	159	0	13	38	9	0	0	8
322	Paper	1,829	932	3	D	753	10	D	0	101
322110	Pulp Mills	D	19	0	D	18	*	0	0	*
322120	Paper Mills	626	263	3	7	294	1	15	0	44
322130	Paperboard Mills	530	258	*	2	219	1	0	0	50
323	Printing and Related Support	494	405	0	0	87	2	0	0	*
324	Petroleum and Coal Products	6,439	877	*	D	1,069	5	D	D	3,022
324110	Petroleum Refineries	2,025	785	0	0	916	0	0	0	324
324121	Asphalt Paving Mixture and Block	1,987	33	*	D	101	D	0	0	1,820
324122	Asphalt Shingle and Coating Materials	D	23	0	D	21	D	0	0	D
324191	Petroleum Lubricating Oil and Grease Manufacturing	30	20	0	*	10	*	0	0	*
324199	All Other Petroleum and Coal Products Manufacturing	D	16	0	D	22	D	D	D	D
325	Chemicals	9,564	3,015	51	20	4,996	895	155	0	432
325110	Petrochemicals	5	3	0	0	1	*	0	0	1
325120	Industrial Gases	481	462	0	0	19	*	0	0	0
325180	Other Basic Inorganic Chemical Manufacturing	365	163	51	2	123	*	0	0	26
325193	Ethyl Alcohol	3,285	687	0	5	2,296	7	42	0	248
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	49	14	0	2	13	1	7	0	12
325199	All Other Basic Organic Chemical Manufacturing	482	238	0	2	131	48	0	0	63
325211	Plastics Materials and Resins	1,348	253	0	3	255	806	0	0	31
325212	Synthetic Rubber	11	8	0	0	1	1	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	7	5	0	0	1	*	0	0	0
325311	Nitrogenous Fertilizers	1,205	141	0	D	1,028	*	0	0	D
325312	Phosphatic Fertilizers	193	78	0	1	8	*	106	0	*
3254	Pharmaceuticals and Medicines	616	379	0	1	222	*	*	0	13
325412	Pharmaceutical Preparation	308	160	0	1	Q	*	0	0	Q
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	4	3	0	*	*	*	0	0	0
326	Plastics and Rubber Products	3,812	3,562	0	*	216	33	0	0	*
327	Nonmetallic Mineral Products	2,479	1,140	0	105	695	12	186	Q	179
327120	Clay Building Material and Refractories	56	25	0	1	29	*	0	0	*
327211	Flat Glass	138	43	0	*	95	*	0	0	0
327212	Other Pressed and Blown Glass and Glassware	72	32	0	*	39	*	0	0	0
327213	Glass Containers	151	67	0	*	84	*	0	0	*
327215	Glass Products from Purchased Glass	144	123	0	*	20	*	0	0	*
327310	Cements	507	270	0	29	63	1	80	0	64
327410	Lime	251	36	0	9	74	*	105	2	24
327420	Gypsum	92	24	0	2	65	1	0	0	*
327993	Mineral Wool	Q	161	0	*	113	Q	0	Q	*
331	Primary Metals	D	2,379	*	72	2,091	48	802	D	81
331110	Iron and Steel Mills and Ferroalloys	6,844	1,220	*	58	1,519	2	802	3,171	72
3312	Steel Products from Purchased Steel	244	151	0	2	83	4	0	0	3
3313	Alumina and Aluminum Production and Processing	603	331	0	6	259	5	0	0	2
331314	Secondary Smelting and Alloying of Aluminum	D	D	0	2	50	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	326	143	0	4	176	2	0	0	1
331318	Other Aluminum Rolling, Drawing and Extruding	100	64	0	*	33	2	0	0	1
3314	Nonferrous Metal (except Aluminum) Production and Processing	242	133	0	2	62	28	0	13	4
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	16	12	0	*	4	*	0	0	*
3315	Foundries	D	543	0	3	168	9	*	D	*
331511	Iron Foundries	D	269	0	2	49	3	*	D	*
331523	Nonferrous Metal Die-Casting Foundries	180	116	0	*	60	3	0	0	*
331524	Aluminum Foundries, except Die-Casting	51	33	0	*	17	1	0	0	*
332	Fabricated Metal Products	2,162	1,488	0	Q	599	45	0	0	Q
333	Machinery	1,565	1,196	0	Q	268	17	0	0	7
334	Computer and Electronic Products	677	Q	0	*	35	*	0	0	2
334413	Semiconductors and Related Devices	63	54	0	*	7	*	0	0	2
335	Electrical Equipment, Appliances, and Components	443	314	0	Q	108	11	0	0	Q
336	Transportation Equipment	2,570	2,004	0	13	454	25	0	0	75
336110	Automobile and Light Duty Motor Vehicle Manufacturing	471	273	0	7	144	1	0	0	46
3364	Aerospace Product and Parts	262	193	0	*	47	1	0	0	20
336411	Aircraft	53	39	0	*	13	*	0	0	*
337	Furniture and Related Products	265	199	0	Q	52	8	0	0	*
339	Miscellaneous	482	388	0	*	93	2	0	0	*
	Total	D	22,016	56	D	13,631	1,179	2,695	D	4,193

South Census Region

311	Food	3,237	1,938	*	83	1,159	34	1	0	22
3112	Grain and Oilseed Milling	434	238	*	2	176	*	1	0	16
311221	Wet Corn Milling and Starch Manufacturing	51	17	0	1	24	*	1	0	8
31131	Sugar Manufacturing	83	40	0	8	35	*	0	0	*
3114	Fruit and Vegetable Preserving and Specialty Food	326	173	0	5	142	3	0	0	2
3115	Dairy Product Manufacturing	244	158	0	13	69	Q	0	0	*
3116	Animal Slaughtering and Processing	1,439	905	0	33	480	20	0	0	1
312	Beverage and Tobacco Products	1,091	796	0	3	280	7	4	0	1
3121	Beverages	1,006	737	0	2	255	6	4	0	1
3122	Tobacco	86	59	0	1	24	2	0	0	*
313	Textile Mills	635	502	0	*	126	3	1	0	3
314	Textile Product Mills	267	204	0	*	59	Q	0	0	*
315	Apparel	44	36	0	Q	6	*	0	0	*
316	Leather and Allied Products	10	8	0	*	1	*	0	0	*
321	Wood Products	1,718	1,096	0	147	308	34	0	0	133
321113	Sawmills	663	479	0	79	86	5	0	0	14
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	502	261	0	19	141	8	0	0	72
321219	Reconstituted Wood Products	302	159	0	2	86	2	0	0	52
3219	Other Wood Products	441	323	0	18	64	11	0	0	24
322	Paper	5,155	2,031	49	D	2,469	33	D	0	355

322110	Pulp Mills	594	144	10	D	369	1	D	0	49
322120	Paper Mills	1,097	484	4	15	474	3	51	0	65
322130	Paperboard Mills	2,649	859	23	38	1,406	3	91	0	229
323	Printing and Related Support	304	255	0	*	44	4	0	0	0
324	Petroleum and Coal Products	12,042	2,053	13	D	3,808	5	D	0	5,844
324110	Petroleum Refineries	7,369	1,889	0	0	3,548	0	0	0	1,932
324121	Asphalt Paving Mixture and Block	2,354	66	13	D	141	D	0	0	2,083
324122	Asphalt Shingle and Coating Materials	1,170	33	0	1	36	D	0	0	D
324191	Petroleum Lubricating Oil and Grease Manufacturing	107	44	0	1	60	1	0	0	2
324199	All Other Petroleum and Coal Products Manufacturing	1,043	22	0	D	24	*	D	0	D
325	Chemicals	63,078	6,055	295	199	13,749	37,435	245	0	5,100
325110	Petrochemicals	25,735	551	0	12	2,411	20,423	*	0	2,339
325120	Industrial Gases	1,339	554	0	1	747	1	0	0	36
325180	Other Basic Inorganic Chemical Manufacturing	3,422	1,160	295	5	1,224	200	17	0	522
325193	Ethyl Alcohol	83	19	0	*	64	*	0	0	*
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	1,442	343	0	9	861	1	18	0	211
325199	All Other Basic Organic Chemical Manufacturing	9,414	935	0	64	2,269	5,310	183	0	654
325211	Plastics Materials and Resins	15,140	1,060	0	25	2,935	10,613	0	0	507
325212	Synthetic Rubber	665	86	0	1	174	102	8	0	295
325220	Artificial and Synthetic Fibers and Filaments	296	157	0	1	137	*	0	0	*
325311	Nitrogenous Fertilizers	2,124	157	0	3	1,962	*	0	0	1
325312	Phosphatic Fertilizers	166	88	0	62	6	*	9	0	1
3254	Pharmaceuticals and Medicines	385	287	0	6	87	*	0	0	4
325412	Pharmaceutical Preparation	214	152	0	5	53	*	0	0	3
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	20	14	0	*	5	*	0	0	*
326	Plastics and Rubber Products	2,508	2,176	0	Q	247	44	0	0	Q
327	Nonmetallic Mineral Products	4,683	Q	0	292	1,236	15	357	15	170
327120	Clay Building Material and Refractories	218	74	0	5	135	2	0	0	2
327211	Flat Glass	142	49	0	*	92	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	127	65	0	*	61	Q	0	0	*
327213	Glass Containers	170	74	0	*	96	*	0	0	*
327215	Glass Products from Purchased Glass	164	132	0	*	28	2	0	0	1
327310	Cements	1,038	381	0	43	309	*	222	6	76
327410	Lime	276	53	0	21	71	*	98	4	28
327420	Gypsum	322	70	0	8	239	4	0	0	*
327993	Mineral Wool	188	108	0	*	69	1	4	5	*
331	Primary Metals	4,748	3,116	0	64	1,274	18	109	73	94
331110	Iron and Steel Mills and Ferroalloys	D	D	0	35	714	5	109	5	D
3312	Steel Products from Purchased Steel	240	174	0	6	55	3	0	0	2
3313	Alumina and Aluminum Production and Processing	D	D	0	15	359	3	0	0	D
331314	Secondary Smelting and Alloying of Aluminum	D	D	0	4	70	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	D	173	0	9	155	2	0	0	D
331318	Other Aluminum Rolling, Drawing and Extruding	114	71	0	*	41	1	0	0	*
3314	Nonferrous Metal (except Aluminum) Production and Processing	389	269	0	7	84	3	0	24	Q
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	146	127	0	5	14	1	0	0	*
3315	Foundries	280	169	0	1	62	4	*	44	*
331511	Iron Foundries	154	89	0	1	20	1	*	44	*
331523	Nonferrous Metal Die-Casting Foundries	67	39	0	*	26	2	0	0	*
331524	Aluminum Foundries, except Die-Casting	11	7	0	*	4	*	0	0	0
332	Fabricated Metal Products	2,285	1,155	0	Q	Q	33	0	0	Q
333	Machinery	762	574	0	44	114	Q	0	0	Q
334	Computer and Electronic Products	536	486	0	Q	38	6	0	0	5
334413	Semiconductors and Related Devices	327	298	0	1	23	2	0	0	5
335	Electrical Equipment, Appliances, and Components	574	449	0	2	120	3	0	0	*
336	Transportation Equipment	1,732	1,362	Q	20	274	30	0	0	44
336110	Automobile and Light Duty Motor Vehicle Manufacturing	406	282	0	7	97	1	0	0	19
3364	Aerospace Product and Parts	331	280	0	D	43	3	0	0	D
336411	Aircraft	D	91	0	D	16	1	0	0	*
337	Furniture and Related Products	Q	Q	0	2	25	8	0	0	4
339	Miscellaneous	312	280	0	*	28	Q	0	0	*
	Total	107,541	28,949	359	1,050	26,220	37,746	1,128	88	12,000

West Census Region										
311	Food	2,620	1,431	*	214	936	13	14	1	11
3112	Grain and Oilseed Milling	117	89	*	2	25	1	0	0	1
311221	Wet Corn Milling and Starch Manufacturing	3	1	0	0	2	*	0	0	0
31131	Sugar Manufacturing	113	22	0	*	75	*	14	1	1
3114	Fruit and Vegetable Preserving and Specialty Food	620	318	0	1	291	5	0	0	6
3115	Dairy Product Manufacturing	662	403	0	Q	243	2	0	0	Q
3116	Animal Slaughtering and Processing	340	198	0	9	132	Q	0	0	*
312	Beverage and Tobacco Products	633	477	0	5	134	13	0	0	3
3121	Beverages	633	477	0	5	134	13	0	0	3
3122	Tobacco	1	1	0	0	*	0	0	0	0
313	Textile Mills	56	47	0	0	8	*	0	0	1
314	Textile Product Mills	46	28	0	0	11	Q	0	0	0
315	Apparel	10	10	0	0	Q	0	0	0	0
316	Leather and Allied Products	6	5	0	0	Q	*	0	0	0
321	Wood Products	924	637	0	75	117	14	0	0	81
321113	Sawmills	542	405	0	53	29	3	0	0	51
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	208	107	0	14	57	4	0	0	25
321219	Reconstituted Wood Products	61	29	0	*	13	*	0	0	18
3219	Other Wood Products	154	113	0	3	28	6	0	0	4
322	Paper	1,118	511	21	7	444	7	10	0	119
322110	Pulp Mills	D	D	7	*	*	0	0	0	D
322120	Paper Mills	492	236	0	2	164	1	0	0	88
322130	Paperboard Mills	D	166	13	5	207	2	10	0	D
323	Printing and Related Support	139	120	0	0	18	Q	0	0	0
324	Petroleum and Coal Products	5,436	776	Q	15	2,710	7	28	0	1,898
324110	Petroleum Refineries	D	686	0	*	2,615	*	0	0	D
324121	Asphalt Paving Mixture and Block	1,266	64	Q	14	69	6	0	0	1,111
324122	Asphalt Shingle and Coating Materials	D	16	0	*	12	1	0	0	D
324191	Petroleum Lubricating Oil and Grease Manufacturing	6	4	0	0	1	*	0	0	0
324199	All Other Petroleum and Coal Products Manufacturing	45	5	0	0	12	*	28	0	0
325	Chemicals	1,940	1,099	0	12	505	17	162	0	145

325110	Petrochemicals	*	*	0	0	0	0	0	0	0
325120	Industrial Gases	317	243	0	0	74	*	0	0	0
325180	Other Basic Inorganic Chemical Manufacturing	529	282	0	*	141	*	86	0	20
325193	Ethyl Alcohol	111	26	0	*	65	*	0	0	21
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	153	13	0	4	10	1	76	0	50
325199	All Other Basic Organic Chemical Manufacturing	134	54	0	*	75	1	0	0	4
325211	Plastics Materials and Resins	52	40	0	*	11	*	0	0	*
325212	Synthetic Rubber	7	5	0	0	2	*	0	0	*
325220	Artificial and Synthetic Fibers and Filaments	1	*	0	0	1	*	0	0	0
325311	Nitrogenous Fertilizers	103	53	0	D	36	12	0	0	D
325312	Phosphatic Fertilizers	38	23	0	3	12	*	0	0	*
3254	Pharmaceuticals and Medicines	299	241	0	1	57	1	0	0	*
325412	Pharmaceutical Preparation	168	137	0	*	31	*	0	0	0
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	19	12	0	*	5	*	0	0	2
326	Plastics and Rubber Products	752	684	0	0	Q	Q	0	0	1
327	Nonmetallic Mineral Products	2,747	1,377	0	62	864	Q	283	7	138
327120	Clay Building Material and Refractories	29	9	0	*	19	*	0	0	*
327211	Flat Glass	62	25	0	0	36	*	0	0	0
327212	Other Pressed and Blown Glass and Glassware	14	7	0	*	7	*	0	0	0
327213	Glass Containers	162	89	0	*	72	*	0	0	*
327215	Glass Products from Purchased Glass	51	37	0	0	12	*	0	0	2
327310	Cements	675	322	0	13	102	*	209	6	23
327410	Lime	65	13	0	6	5	*	32	1	7
327420	Gypsum	149	34	0	1	112	1	0	0	1
327993	Mineral Wool	96	74	0	*	22	*	0	0	*
331	Primary Metals	D	450	0	11	254	6	8	D	10
331110	Iron and Steel Mills and Ferroalloys	193	110	0	3	67	*	8	0	4
3312	Steel Products from Purchased Steel	134	80	0	1	47	1	0	0	6
3313	Alumina and Aluminum Production and Processing	100	55	0	2	42	1	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	18	5	0	1	12	1	0	0	0
331315	Aluminum Sheet, Plate and Foils	34	21	0	1	13	*	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	47	29	0	*	17	1	0	0	*
3314	Nonferrous Metal (except Aluminum) Production and Processing	227	146	0	5	74	2	*	0	1
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	167	104	0	3	59	1	*	0	*
3315	Foundries	D	59	0	*	25	2	0	D	*
331511	Iron Foundries	D	13	0	*	5	*	0	D	*
331523	Nonferrous Metal Die-Casting Foundries	20	14	0	*	6	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	6	4	0	0	3	*	0	0	*
332	Fabricated Metal Products	1,141	940	0	Q	152	34	0	0	2
333	Machinery	492	423	0	Q	43	20	0	0	Q
334	Computer and Electronic Products	959	860	0	*	91	1	0	0	Q
334413	Semiconductors and Related Devices	496	434	0	*	55	*	0	0	Q
335	Electrical Equipment, Appliances, and Components	138	111	0	Q	Q	Q	0	0	*
336	Transportation Equipment	630	506	0	4	106	10	0	0	4
336110	Automobile and Light Duty Motor Vehicle Manufacturing	80	69	0	Q	10	*	0	0	*
3364	Aerospace Product and Parts	434	339	0	D	84	6	0	0	D
336411	Aircraft	151	121	0	D	D	1	0	0	Q
337	Furniture and Related Products	73	56	0	0	16	*	0	0	*
339	Miscellaneous	249	215	0	*	33	Q	0	0	*
	Total	D	10,762	23	432	6,519	176	505	D	2,425

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. *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.

^a The Bureau of the Census classifies establishments using the 2022 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 suppliers, such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.

^d Hydrocarbon gas liquids (HGLs) 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 (NGLs).

^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 (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: CDBRB-FY25-0054).

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Next MECS will be fielded in 2027

RSE Table 7.9 Relative standard errors for Table 7.9

Unit: Percentage

NAICS code ^a	Subsector and industry	Total	Electricity	Residual fuel oil	Distillate fuel oil ^b	Natural gas ^c	HGL (excluding natural gasoline) ^d	Coal	Coke and breeze	Other ^e
Total United States										
311	Food	2.8	3.5	47.1	23.5	3.0	28.6	0.0	0.0	10.6
3112	Grain and Oilseed Milling	2.3	2.6	16.7	6.1	3.8	18.2	0.0	X	1.2
311221	Wet Corn Milling and Starch Manufacturing	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	2.8	3.1	0.0	17.2	3.5	6.8	X	X	23.9
3115	Dairy Product Manufacturing	4.0	3.4	75.3	25.4	4.4	70.2	X	X	63.4
3116	Animal Slaughtering and Processing	4.0	4.1	0.0	7.3	4.7	23.2	X	X	8.2
312	Beverage and Tobacco Products	16.1	20.2	X	19.5	16.3	10.7	0.0	X	27.6
3121	Beverages	16.8	21.0	X	21.3	17.3	11.4	0.0	X	27.9
3122	Tobacco	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
313	Textile Mills	6.5	7.0	X	91.8	11.8	7.4	38.9	X	21.2
314	Textile Product Mills	12.0	13.4	X	54.8	12.7	59.9	X	X	98.8
315	Apparel	9.9	10.4	X	96.7	14.8	25.8	X	X	0.0
316	Leather and Allied Products	11.1	6.6	X	42.5	28.2	12.2	X	X	91.6
321	Wood Products	4.4	5.3	30.5	13.9	5.1	12.0	99.0	X	5.9
321113	Sawmills	2.2	1.7	31.2	6.2	7.8	7.8	X	X	20.1
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	1.9	2.2	0.0	22.4	1.4	8.8	X	X	1.4
321219	Reconstituted Wood Products	2.0	2.9	0.0	0.0	1.8	27.5	X	X	0.1
3219	Other Wood Products	14.9	17.0	X	27.8	18.2	16.5	99.0	X	12.3
322	Paper	1.5	2.6	1.0	0.5	1.5	17.5	1.0	X	0.2
322110	Pulp Mills	D	D	0.0	0.0	D	D	D	X	0.0
322120	Paper Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
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	11.3	12.0	99.0	62.6	13.6	21.3	X	X	90.2
324	Petroleum and Coal Products	1.0	0.2	15.9	D	0.3	4.2	0.0	D	1.9
324110	Petroleum Refineries	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
324121	Asphalt Paving Mixture and Block	3.4	2.7	15.9	4.0	4.7	6.9	X	X	3.5
324122	Asphalt Shingle and Coating Materials	1.0	1.1	X	D	0.7	D	X	X	1.0
324191	Petroleum Lubricating Oil and Grease Manufacturing	7.0	2.0	X	3.8	14.1	D	X	X	D
324199	All Other Petroleum and Coal Products Manufacturing	0.0	0.0	X	D	0.0	D	0.0	D	D
325	Chemicals	0.9	3.9	0.0	9.6	2.2	0.1	1.7	X	2.4
325110	Petrochemicals	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
325120	Industrial Gases	14.1	20.0	X	3.9	0.2	29.3	X	X	11.1
325180	Other Basic Inorganic Chemical Manufacturing	2.6	4.0	0.0	29.5	3.5	0.5	0.0	X	3.0
325193	Ethyl Alcohol	2.7	2.9	X	3.0	2.9	24.5	0.0	X	10.3
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
325199	All Other Basic Organic Chemical Manufacturing	1.5	3.3	0.0	5.9	2.9	0.1	0.1	X	7.0
325211	Plastics Materials and Resins	0.6	4.4	X	4.1	1.3	0.1	X	X	3.8
325212	Synthetic Rubber	0.2	1.4	X	0.0	0.1	0.0	0.0	X	0.0
325220	Artificial and Synthetic Fibers and Filaments	1.6	2.9	X	0.0	0.1	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	0.0	0.0	0.0	X	0.0
3254	Pharmaceuticals and Medicines	6.2	4.3	X	2.3	16.4	4.4	96.1	X	26.2
325412	Pharmaceutical Preparation	9.5	4.2	X	1.3	27.9	6.5	X	X	24.9
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
326	Plastics and Rubber Products	22.7	25.6	92.1	50.0	15.1	28.4	X	X	45.8
327	Nonmetallic Mineral Products	15.4	26.0	0.0	20.4	11.6	18.9	9.6	75.8	23.2
327120	Clay Building Material and Refractories	3.0	3.7	X	1.7	3.4	1.8	0.0	X	15.9
327211	Flat Glass	0.4	1.2	X	0.0	0.1	0.0	X	X	0.0
327212	Other Pressed and Blown Glass and Glassware	0.6	0.8	X	0.0	0.5	37.1	X	X	22.6
327213	Glass Containers	0.1	0.1	X	0.0	0.1	0.0	X	X	0.0
327215	Glass Products from Purchased Glass	18.4	2.2	X	32.8	1.9	29.8	X	X	92.4
327310	Cements	7.3	9.4	X	2.7	2.0	1.5	14.0	10.7	0.2
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
327420	Gypsum	3.8	4.0	0.0	7.1	3.7	8.8	X	X	0.0
327993	Mineral Wool	31.1	14.1	X	0.0	19.1	41.2	0.0	84.6	0.0
331	Primary Metals	0.2	0.4	0.0	0.7	0.3	2.1	0.1	0.2	0.5
331110	Iron and Steel Mills and Ferroalloys	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	D
3312	Steel Products from Purchased Steel	4.1	3.9	X	8.5	5.5	9.3	X	0.0	4.8
3313	Alumina and Aluminum Production and Processing	D	0.3	X	0.0	0.1	1.1	X	X	D
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
331315	Aluminum Sheet, Plate and Foils	D	0.9	X	0.0	0.2	0.7	X	X	D
331318	Other Aluminum Rolling, Drawing and Extruding	0.9	1.3	X	0.0	0.7	2.3	X	X	1.8
3314	Nonferrous Metal (except Aluminum) Production and Processing	1.1	1.1	X	5.2	1.8	3.6	0.0	10.0	10.4
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.4	0.5	X	0.0	0.1	7.9	0.0	0.0	0.0
3315	Foundries	1.2	1.5	X	3.3	1.2	4.2	6.0	2.8	2.0
331511	Iron Foundries	1.8	2.7	X	2.6	1.5	2.7	6.0	2.8	3.1
331523	Nonferrous Metal Die-Casting Foundries	2.5	2.6	X	1.5	2.7	11.2	X	X	2.1
331524	Aluminum Foundries, except Die-Casting	4.4	4.4	X	29.0	5.9	14.6	X	X	59.2
332	Fabricated Metal Products	15.3	10.2	99.5	35.0	25.3	18.1	X	X	80.2
333	Machinery	10.5	11.5	X	42.6	12.2	28.6	X	X	32.7
334	Computer and Electronic Products	13.3	14.3	0.0	27.7	9.5	33.3	X	X	26.8
334413	Semiconductors and Related Devices	3.8	3.8	0.0	9.7	5.1	0.7	X	X	27.9
335	Electrical Equipment, Appliances, and Components	10.0	10.2	X	48.6	14.9	32.9	X	0.0	76.0
336	Transportation Equipment	5.9	6.5	96.5	7.7	6.5	20.1	X	X	10.8
336110	Automobile and Light Duty Motor Vehicle Manufacturing	1.5	1.9	X	3.4	0.8	0.2	X	X	0.5
3364	Aerospace Product and Parts	5.6	6.3	X	3.7	4.3	10.6	X	X	2.5
336411	Aircraft	10.7	11.8	X	3.5	7.1	26.7	X	X	32.1
337	Furniture and Related Products	70.4	75.2	X	46.3	15.0	26.4	X	X	37.0
339	Miscellaneous	12.8	12.9	X	45.5	17.7	33.5	X	X	38.2
	Total	1.7	4.2	1.5	D	1.5	0.2	1.6	D	1

Northeast Census Region

[illegible]

31131	Sugar Manufacturing	0.0	0.0	X	X	0.0	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	9.2	10.2	0.0	1.1	9.7	7.9	X	X	X
3115	Dairy Product Manufacturing	5.3	7.8	19.6	0.8	3.5	13.1	X	X	1.1
3116	Animal Slaughtering and Processing	3.8	4.0	X	17.9	4.7	29.6	X	X	0.0
312	Beverage and Tobacco Products	14.3	12.8	X	15.2	21.4	22.4	X	X	0.0
3121	Beverages	14.8	13.0	X	15.2	23.7	23.1	X	X	0.0
3122	Tobacco	0.0	0.0	X	X	0.0	0.0	X	X	X
313	Textile Mills	13.8	17.3	X	93.3	19.8	0.7	X	X	76.1
314	Textile Product Mills	46.8	39.8	X	X	58.7	54.2	X	X	99.3
315	Apparel	34.4	35.1	X	32.0	56.5	0.0	X	X	X
316	Leather and Allied Products	15.8	7.0	X	43.4	9.9	40.8	X	X	95.9
321	Wood Products	6.5	7.6	30.5	9.7	10.6	29.1	99.0	X	5.9
321113	Sawmills	4.9	3.1	31.2	11.8	3.8	13.3	X	X	1.5
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	17.2	21.9	0.0	11.7	14.9	24.6	X	X	60.9
321219	Reconstituted Wood Products	21.3	30.1	0.0	0.0	15.5	0.0	X	X	0.0
3219	Other Wood Products	13.3	15.0	X	53.2	15.7	48.4	99.0	X	7.7
322	Paper	6.7	9.8	2.9	0.6	6.3	20.6	0.0	X	0.2
322110	Pulp Mills	D	0.0	X	X	D	D	X	X	D
322120	Paper Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
322130	Paperboard Mills	D	0.0	X	0.0	0.0	0.0	X	X	D
323	Printing and Related Support	21.2	21.7	99.0	67.6	26.0	44.9	X	X	92.9
324	Petroleum and Coal Products	6.5	1.7	29.0	3.0	5.6	8.1	X	X	7.5
324110	Petroleum Refineries	D	0.0	X	X	0.0	X	X	X	D
324121	Asphalt Paving Mixture and Block	8.5	6.9	29.0	D	17.0	D	X	X	8.5
324122	Asphalt Shingle and Coating Materials	D	0.0	X	0.0	0.0	D	X	X	D
324191	Petroleum Lubricating Oil and Grease Manufacturing	3.8	3.7	X	0.0	2.5	D	X	X	D
324199	All Other Petroleum and Coal Products Manufacturing	D	0.0	X	D	0.0	0.0	X	X	X
325	Chemicals	17.0	24.7	0.0	61.6	5.4	27.7	X	X	3.2
325110	Petrochemicals	0.0	0.0	X	0.0	X	0.0	X	X	X
325120	Industrial Gases	47.2	47.9	X	0.0	3.0	0.0	X	X	0.0
325180	Other Basic Inorganic Chemical Manufacturing	6.8	2.0	X	27.9	15.0	6.3	X	X	0.1
325193	Ethyl Alcohol	0.0	0.0	X	X	0.0	0.0	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	X	0.0	0.0	X	X	X
325199	All Other Basic Organic Chemical Manufacturing	3.3	9.4	0.0	16.6	1.4	25.9	X	X	0.1
325211	Plastics Materials and Resins	6.8	8.5	X	0.5	5.9	30.5	X	X	0.1
325212	Synthetic Rubber	35.7	43.2	X	X	18.2	0.0	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	X	0.0	0.0	X	X	0.0
325311	Nitrogenous Fertilizers	0.0	0.0	X	0.0	0.0	0.0	X	X	X
325312	Phosphatic Fertilizers	0.0	0.0	X	0.0	X	0.0	X	X	X
3254	Pharmaceuticals and Medicines	13.2	12.9	X	3.6	15.2	0.8	X	X	0.0
325412	Pharmaceutical Preparation	12.1	11.9	X	0.0	14.3	1.0	X	X	0.0
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
326	Plastics and Rubber Products	22.2	23.3	92.1	54.5	28.6	68.4	X	X	82.0
327	Nonmetallic Mineral Products	11.6	9.1	0.0	46.1	4.1	41.5	0.0	X	90.6
327120	Clay Building Material and Refractories	1.9	2.9	X	0.4	3.6	3.0	0.0	X	0.7
327211	Flat Glass	0.0	0.0	X	X	0.0	0.0	X	X	X
327212	Other Pressed and Blown Glass and Glassware	1.2	1.0	X	0.0	1.2	54.1	X	X	0.0
327213	Glass Containers	0.1	0.1	X	0.0	0.1	0.0	X	X	0.0
327215	Glass Products from Purchased Glass	67.2	3.2	X	71.7	5.7	3.1	X	X	94.9
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	X
327420	Gypsum	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327993	Mineral Wool	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
331	Primary Metals	0.3	0.7	X	1.7	0.6	2.6	0.1	0.0	0.8
331110	Iron and Steel Mills and Ferroalloys	D	D	X	0.0	0.0	0.0	0.0	0.0	D
3312	Steel Products from Purchased Steel	3.5	4.0	X	42.0	5.3	12.0	X	0.0	0.1
3313	Alumina and Aluminum Production and Processing	D	D	X	0.0	0.0	0.0	X	X	D
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	X	X	0.0	X	X	X	X
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	Nonferrous Metal (except Aluminum) Production and Processing	2.3	3.0	X	1.0	2.6	10.1	X	0.0	10.5
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.3	0.3	X	0.0	0.4	0.1	X	0.0	X
3315	Foundries	2.5	3.0	X	14.3	2.1	2.1	66.3	X	1.9
331511	Iron Foundries	4.1	4.9	X	33.5	0.9	3.1	66.3	X	0.0
331523	Nonferrous Metal Die-Casting Foundries	3.1	4.3	X	X	1.2	0.5	X	X	33.3
331524	Aluminum Foundries, except Die-Casting	2.2	1.9	X	34.4	3.6	4.4	X	X	0.0
332	Fabricated Metal Products	23.0	22.6	99.5	58.7	33.0	54.7	X	X	54.7
333	Machinery	28.2	27.8	X	90.0	47.3	73.7	X	X	96.0
334	Computer and Electronic Products	11.2	11.8	0.0	11.6	10.1	72.8	X	X	78.6
334413	Semiconductors and Related Devices	2.2	2.3	0.0	0.0	1.2	0.0	X	X	47.3
335	Electrical Equipment, Appliances, and Components	18.4	18.4	X	0.0	22.0	38.1	X	0.0	86.8
336	Transportation Equipment	17.6	18.8	X	9.7	16.3	57.8	X	X	24.9
336110	Automobile and Light Duty Motor Vehicle Manufacturing	0.0	0.0	X	X	0.0	X	X	X	0.0
3364	Aerospace Product and Parts	7.5	10.8	X	0.0	2.5	12.0	X	X	0.0
336411	Aircraft	D	36.2	X	D	D	0.0	X	X	0.0
337	Furniture and Related Products	28.5	30.7	X	99.0	37.9	69.2	X	X	77.7
339	Miscellaneous	23.6	23.9	X	72.2	39.2	61.4	X	X	80.8
	Total	4.0	6.6	11.1	17.2	3.9	16.9	0.1	0.0	7.4

Midwest Census Region

311	Food	4.9	6.8	56.6	10.6	5.2	64.5	0.0	0.0	11.9
3112	Grain and Oilseed Milling	2.8	2.9	X	1.0	4.8	10.1	0.0	X	0.1
311221	Wet Corn Milling and Starch Manufacturing	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	3.4	3.9	X	46.4	4.9	19.7	X	X	69.9
3115	Dairy Product Manufacturing	8.2	5.7	79.2	29.2	8.8	97.8	X	X	75.2
3116	Animal Slaughtering and Processing	9.4	9.8	0.0	18.7	9.3	47.2	X	X	4.9
312	Beverage and Tobacco Products	7.0	7.8	X	4.1	6.1	38.3	X	X	96.3
3121	Beverages	7.0	7.8	X	4.1	6.1	38.5	X	X	96.3
3122	Tobacco	0.0	0.0	X	X	0.0	0.0	X	X	X
313	Textile Mills	7.3	7.8	X	0.0	9.8	39.0	X	X	X
314	Textile Product Mills	30.6	30.9	X	X	40.9	63.7	X	X	X
315	Apparel	42.1	42.2	X	X	44.9	X	X	X	X
316	Leather and Allied Products	22.3	10.0	X	0.0	39.6	6.7	X	X	1.9
321	Wood Products	9.1	5.1	X	46.4	4.5	22.1	X	X	39.6
321113	Sawmills	9.7	8.2	X	38.0	14.7	7.2	X	X	2.0

3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	3.3	3.7	X	23.6	1.9	18.1	X	X	4.9
321219	Reconstituted Wood Products	0.8	1.0	X	0.0	1.0	16.9	X	X	26.1
3219	Other Wood Products	9.1	9.0	X	48.1	11.8	32.4	X	X	47.1
322	Paper	5.0	7.0	0.0	D	4.6	32.8	D	X	0.8
322110	Pulp Mills	D	0.0	X	D	0.0	0.0	X	X	0.0
322120	Paper Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
323	Printing and Related Support	23.0	25.2	X	X	22.1	11.2	X	X	6.9
324	Petroleum and Coal Products	2.2	0.4	0.0	D	0.4	5.1	D	D	4.5
324110	Petroleum Refineries	0.0	0.0	X	X	0.0	X	X	X	0.0
324121	Asphalt Paving Mixture and Block	6.9	10.6	0.0	D	4.6	D	X	X	7.4
324122	Asphalt Shingle and Coating Materials	D	2.3	X	D	1.0	D	X	X	D
324191	Petroleum Lubricating Oil and Grease Manufacturing	2.1	2.0	X	0.3	2.5	10.2	X	X	14.4
324199	All Other Petroleum and Coal Products Manufacturing	D	0.0	X	D	0.0	D	D	D	D
325	Chemicals	4.8	4.0	0.0	8.2	8.1	2.0	0.1	X	6.6
325110	Petrochemicals	0.0	0.0	X	X	0.0	0.0	X	X	0.0
325120	Industrial Gases	8.4	8.8	X	X	5.3	0.0	X	X	X
325180	Other Basic Inorganic Chemical Manufacturing	8.7	5.2	0.0	40.4	19.3	16.6	X	X	0.1
325193	Ethyl Alcohol	2.8	3.1	X	3.2	3.1	25.8	0.0	X	11.2
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
325199	All Other Basic Organic Chemical Manufacturing	2.0	3.0	X	13.4	3.1	0.4	X	X	2.5
325211	Plastics Materials and Resins	1.0	4.3	X	21.1	2.2	0.1	X	X	0.1
325212	Synthetic Rubber	0.0	0.0	X	X	0.0	0.0	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	X	0.0	0.0	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	X	D	0.0	0.0	X	X	D
325312	Phosphatic Fertilizers	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
3254	Pharmaceuticals and Medicines	14.1	5.6	X	14.7	36.3	41.7	96.1	X	43.5
325412	Pharmaceutical Preparation	26.5	6.7	X	13.7	55.0	75.1	X	X	63.5
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	0.0	X	0.0	0.0	0.0	X	X	X
326	Plastics and Rubber Products	45.9	48.7	X	85.6	30.4	47.2	X	X	87.4
327	Nonmetallic Mineral Products	10.6	5.5	X	28.6	7.1	26.1	0.0	86.3	43.2
327120	Clay Building Material and Refractories	5.8	7.8	X	5.4	5.7	4.2	X	X	15.9
327211	Flat Glass	0.7	2.1	X	0.0	0.1	0.0	X	X	X
327212	Other Pressed and Blown Glass and Glassware	1.1	1.7	X	0.0	1.3	0.0	X	X	X
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327215	Glass Products from Purchased Glass	1.5	1.6	X	0.0	2.1	6.4	X	X	5.2
327310	Cements	3.9	6.7	X	4.8	0.1	0.0	0.0	X	0.1
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
327420	Gypsum	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327993	Mineral Wool	53.5	31.1	X	0.0	37.7	57.9	X	87.2	0.0
331	Primary Metals	D	0.5	0.0	0.5	0.3	3.3	0.0	D	0.3
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	2.5	2.7	X	11.0	3.2	15.4	X	X	9.6
3313	Alumina and Aluminum Production and Processing	0.2	0.3	X	0.0	0.2	2.3	X	X	0.1
331314	Secondary Smelting and Alloying of Aluminum	D	D	X	0.0	0.0	0.0	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	1.3	1.3	X	0.0	1.4	5.4	X	X	0.4
3314	Nonferrous Metal (except Aluminum) Production and Processing	3.4	2.3	X	11.2	5.9	4.3	X	35.7	0.0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
3315	Foundries	D	2.2	X	3.5	1.8	8.9	0.0	D	3.9
331511	Iron Foundries	D	3.9	X	0.5	1.8	3.9	0.0	D	11.0
331523	Nonferrous Metal Die-Casting Foundries	3.6	3.8	X	0.0	3.7	24.0	X	X	2.2
331524	Aluminum Foundries, except Die-Casting	6.2	6.5	X	0.0	7.2	32.4	X	X	86.6
332	Fabricated Metal Products	13.5	13.0	X	60.4	19.7	33.2	X	X	53.1
333	Machinery	16.2	17.1	X	65.6	16.3	31.2	X	X	34.0
334	Computer and Electronic Products	49.6	52.0	X	45.1	22.5	51.0	X	X	12.4
334413	Semiconductors and Related Devices	2.4	1.9	X	0.0	3.0	0.2	X	X	12.5
335	Electrical Equipment, Appliances, and Components	21.2	20.6	X	90.0	30.0	46.7	X	X	60.1
336	Transportation Equipment	10.5	11.9	X	20.1	10.0	36.2	X	X	5.7
336110	Automobile and Light Duty Motor Vehicle Manufacturing	0.1	0.1	X	0.0	0.1	0.0	X	X	0.1
3364	Aerospace Product and Parts	5.2	6.9	X	5.5	2.0	7.8	X	X	3.4
336411	Aircraft	5.3	6.0	X	11.9	3.2	12.3	X	X	32.5
337	Furniture and Related Products	18.0	18.4	X	61.2	25.2	37.1	X	X	43.5
339	Miscellaneous	26.4	27.0	X	68.1	30.8	49.5	X	X	66.4
	Total	D	8.3	2.5	D	3.3	3.8	0.1	D	3.9

South Census Region

311	Food	4.3	4.5	0.0	21.1	5.2	20.9	0.0	X	15.2
3112	Grain and Oilseed Milling	4.3	6.1	0.0	7.4	4.1	6.1	0.0	X	16.4
311221	Wet Corn Milling and Starch Manufacturing	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
31131	Sugar Manufacturing	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	4.6	5.7	X	2.9	4.4	18.3	X	X	0.1
3115	Dairy Product Manufacturing	6.6	8.5	X	23.1	3.5	50.9	X	X	41.2
3116	Animal Slaughtering and Processing	3.5	3.3	X	5.4	6.3	29.7	X	X	25.6
312	Beverage and Tobacco Products	33.7	43.3	X	12.6	31.1	13.3	0.0	X	27.1
3121	Beverages	36.6	46.8	X	18.0	34.1	16.9	0.0	X	28.7
3122	Tobacco	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
313	Textile Mills	7.1	7.1	X	49.8	15.0	23.9	38.9	X	0.1
314	Textile Product Mills	15.9	17.5	X	54.8	15.5	58.5	X	X	96.3
315	Apparel	14.0	15.0	X	96.8	16.9	35.3	X	X	0.0
316	Leather and Allied Products	7.7	8.6	X	48.1	6.3	21.8	X	X	25.6
321	Wood Products	8.0	10.0	X	14.2	8.6	20.9	X	X	3.7
321113	Sawmills	2.9	2.7	X	10.4	7.4	14.7	X	X	8.6
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	1.9	2.6	X	23.6	0.4	12.8	X	X	1.1
321219	Reconstituted Wood Products	2.2	3.8	X	0.0	0.1	39.4	X	X	0.0
3219	Other Wood Products	30.5	33.7	X	45.9	39.6	28.2	X	X	18.6
322	Paper	2.4	4.5	0.0	D	1.7	32.4	D	X	0.1
322110	Pulp Mills	0.0	0.0	0.0	D	0.0	0.0	D	X	0.0
322120	Paper Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
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	18.5	18.4	X	97.9	30.4	36.1	X	X	X
324	Petroleum and Coal Products	1.1	0.1	20.5	D	0.4	3.8	D	X	2.1
324110	Petroleum Refineries	0.0	0.0	X	X	0.0	X	X	X	0.0
324121	Asphalt Paving Mixture and Block	5.8	3.5	20.5	D	7.0	D	X	X	6.0
324122	Asphalt Shingle and Coating Materials	1.2	1.8	X	0.0	1.1	D	X	X	D
324191	Petroleum Lubricating Oil and Grease Manufacturing	9.9	3.1	X	4.1	17.5	12.8	X	X	2.0

324199	All Other Petroleum and Coal Products Manufacturing	0.0	0.0	X	D	0.0	0.0	D	X	D
325	Chemicals	0.5	2.5	0.0	2.4	1.1	0.1	4.0	X	2.5
325110	Petrochemicals	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
325120	Industrial Gases	4.6	10.9	X	8.9	0.1	30.5	X	X	13.7
325180	Other Basic Inorganic Chemical Manufacturing	3.2	5.7	0.0	37.9	3.9	0.5	0.0	X	3.3
325193	Ethyl Alcohol	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
325199	All Other Basic Organic Chemical Manufacturing	1.6	4.5	X	6.2	3.5	0.1	0.1	X	8.0
325211	Plastics Materials and Resins	0.6	5.6	X	4.0	1.4	0.1	X	X	4.1
325212	Synthetic Rubber	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
325220	Artificial and Synthetic Fibers and Filaments	1.7	3.1	X	0.0	0.1	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	0.0	0.0	0.0	X	0.0
3254	Pharmaceuticals and Medicines	5.5	6.5	X	0.9	3.5	2.8	X	X	5.1
325412	Pharmaceutical Preparation	3.5	4.1	X	0.3	2.9	0.0	X	X	0.0
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
326	Plastics and Rubber Products	21.4	23.1	X	53.4	24.1	47.4	X	X	53.4
327	Nonmetallic Mineral Products	29.2	51.5	X	33.2	4.4	12.5	4.6	8.9	4.2
327120	Clay Building Material and Refractories	4.5	5.5	X	2.6	4.8	2.5	X	X	17.5
327211	Flat Glass	1.0	2.8	X	0.0	0.3	0.0	X	X	0.0
327212	Other Pressed and Blown Glass and Glassware	0.8	0.6	X	0.0	0.3	53.4	X	X	73.0
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327215	Glass Products from Purchased Glass	4.3	4.9	X	0.0	4.1	46.9	X	X	0.0
327310	Cements	3.9	3.6	X	4.5	3.6	5.8	6.6	21.4	0.4
327410	Lime	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
327420	Gypsum	7.8	8.8	X	11.6	7.4	14.5	X	X	0.0
327993	Mineral Wool	1.3	2.3	X	0.0	0.0	0.6	0.0	0.0	0.0
331	Primary Metals	0.3	0.4	X	1.2	0.2	2.5	0.0	1.8	1.1
331110	Iron and Steel Mills and Ferroalloys	D	D	X	0.0	0.0	0.0	0.0	0.0	D
3312	Steel Products from Purchased Steel	5.1	6.4	X	12.5	2.1	13.7	X	X	26.1
3313	Alumina and Aluminum Production and Processing	D	D	X	0.0	0.3	2.0	X	X	D
331314	Secondary Smelting and Alloying of Aluminum	D	D	X	0.0	0.0	0.0	X	X	0.0
331315	Aluminum Sheet, Plate and Foils	D	2.0	X	0.0	0.5	1.7	X	X	D
331318	Other Aluminum Rolling, Drawing and Extruding	2.0	3.0	X	0.0	1.3	4.6	X	X	3.6
3314	Nonferrous Metal (except Aluminum) Production and Processing	1.7	2.0	X	0.2	1.8	6.5	X	2.4	60.8
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	1.0	0.9	X	0.0	0.8	19.3	X	X	0.0
3315	Foundries	1.7	1.8	X	5.6	2.5	3.9	0.0	2.7	1.4
331511	Iron Foundries	2.4	3.1	X	7.8	4.1	10.2	0.0	2.7	0.0
331523	Nonferrous Metal Die-Casting Foundries	3.4	2.5	X	35.6	4.6	5.1	X	X	10.2
331524	Aluminum Foundries, except Die-Casting	13.6	8.4	X	0.0	26.5	13.8	X	X	X
332	Fabricated Metal Products	41.5	30.4	X	52.6	52.8	32.8	X	X	93.3
333	Machinery	18.4	19.1	X	45.3	25.6	59.4	X	X	74.7
334	Computer and Electronic Products	11.9	11.8	X	53.7	15.1	38.3	X	X	0.1
334413	Semiconductors and Related Devices	1.5	1.5	X	0.0	1.3	0.0	X	X	0.0
335	Electrical Equipment, Appliances, and Components	19.0	20.0	X	33.1	21.4	44.0	X	X	59.5
336	Transportation Equipment	11.2	11.8	96.5	8.7	15.0	32.9	X	X	31.9
336110	Automobile and Light Duty Motor Vehicle Manufacturing	1.8	1.9	X	0.0	1.8	0.0	X	X	1.6
3364	Aerospace Product and Parts	15.6	16.0	X	D	15.8	25.3	X	X	D
336411	Aircraft	D	3.3	X	D	1.0	45.8	X	X	22.3
337	Furniture and Related Products	86.2	88.1	X	41.0	23.0	36.8	X	X	33.4
339	Miscellaneous	20.7	20.8	X	87.2	30.3	61.6	X	X	66.6
	Total	2.3	7.6	0.9	10.2	1.9	0.1	1.7	2.1	2.1

West Census Region										
311	Food	6.4	7.4	41.7	40.6	5.4	18.6	0.0	0.0	25.7
3112	Grain and Oilseed Milling	11.0	14.2	41.7	27.3	7.5	40.0	X	X	0.1
311221	Wet Corn Milling and Starch Manufacturing	0.0	0.0	X	X	0.0	0.0	X	X	X
31131	Sugar Manufacturing	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	5.5	5.9	X	32.7	6.4	13.6	X	X	33.3
3115	Dairy Product Manufacturing	6.0	6.3	X	62.9	6.9	1.5	X	X	61.1
3116	Animal Slaughtering and Processing	6.5	6.6	X	4.0	8.3	60.8	X	X	1.7
312	Beverage and Tobacco Products	7.9	6.9	X	43.2	15.8	18.4	X	X	35.1
3121	Beverages	7.9	6.9	X	43.2	15.8	18.4	X	X	35.1
3122	Tobacco	0.0	0.0	X	X	0.0	X	X	X	X
313	Textile Mills	40.7	49.1	X	X	5.1	9.4	X	X	0.0
314	Textile Product Mills	36.9	38.6	X	X	35.1	98.8	X	X	X
315	Apparel	28.1	29.0	X	X	54.2	X	X	X	X
316	Leather and Allied Products	28.4	27.1	X	X	66.5	0.0	X	X	X
321	Wood Products	4.9	5.5	X	10.5	9.4	16.0	X	X	16.6
321113	Sawmills	4.1	2.5	X	5.6	25.9	12.6	X	X	25.9
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	5.7	5.8	X	49.5	4.2	16.8	X	X	0.8
321219	Reconstituted Wood Products	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
3219	Other Wood Products	24.4	29.0	X	43.6	27.2	33.7	X	X	42.4
322	Paper	4.7	6.9	0.0	2.4	6.2	31.9	0.0	X	0.0
322110	Pulp Mills	D	D	0.0	0.0	0.0	X	X	X	D
322120	Paper Mills	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
322130	Paperboard Mills	D	0.0	0.0	0.0	0.0	0.0	0.0	X	D
323	Printing and Related Support	26.0	26.1	X	X	35.7	53.5	X	X	X
324	Petroleum and Coal Products	0.9	0.3	52.4	15.5	0.1	11.1	0.0	X	2.4
324110	Petroleum Refineries	D	0.0	X	0.0	0.0	0.0	X	X	D
324121	Asphalt Paving Mixture and Block	3.8	3.1	52.4	16.2	4.8	13.1	X	X	4.1
324122	Asphalt Shingle and Coating Materials	D	2.4	X	0.0	2.4	1.7	X	X	D
324191	Petroleum Lubricating Oil and Grease Manufacturing	0.0	0.0	X	X	0.0	0.0	X	X	X
324199	All Other Petroleum and Coal Products Manufacturing	0.0	0.0	X	X	0.0	0.0	0.0	X	X
325	Chemicals	4.1	4.9	X	27.6	2.5	5.6	0.0	X	31.1
325110	Petrochemicals	0.0	0.0	X	X	X	X	X	X	X
325120	Industrial Gases	2.2	2.9	X	X	0.2	76.0	X	X	X
325180	Other Basic Inorganic Chemical Manufacturing	1.8	2.0	X	64.7	3.8	39.7	0.0	X	0.8
325193	Ethyl Alcohol	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
325199	All Other Basic Organic Chemical Manufacturing	4.2	5.7	X	55.5	3.8	43.3	X	X	0.0
325211	Plastics Materials and Resins	43.4	46.5	X	14.3	36.0	17.6	X	X	0.1
325212	Synthetic Rubber	0.0	0.0	X	X	0.0	0.0	X	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	0.0	0.0	X	D	0.0	0.0	X	X	D
325312	Phosphatic Fertilizers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0

3254	Pharmaceuticals and Medicines	5.2	5.5	X	3.3	5.0	7.1	X	X	0.0
325412	Pharmaceutical Preparation	7.8	8.3	X	6.0	7.8	47.6	X	X	X
325992	Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
326	Plastics and Rubber Products	29.1	29.9	X	X	70.8	58.4	X	X	44.4
327	Nonmetallic Mineral Products	34.3	35.0	X	38.2	41.4	53.5	29.4	0.0	48.5
327120	Clay Building Material and Refractories	2.3	3.4	X	7.7	2.3	4.7	X	X	20.1
327211	Flat Glass	0.0	0.0	X	X	0.0	0.0	X	X	X
327212	Other Pressed and Blown Glass and Glassware	5.2	10.5	X	0.0	0.4	6.5	X	X	X
327213	Glass Containers	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
327215	Glass Products from Purchased Glass	4.3	5.6	X	X	1.6	71.8	X	X	16.3
327310	Cements	25.7	30.2	X	0.0	3.2	0.0	34.7	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	0.8	3.3	X	5.0	0.3	0.0	X	X	0.0
327993	Mineral Wool	0.0	0.0	X	0.0	0.0	0.0	X	X	0.0
331	Primary Metals	D	3.1	X	6.1	4.6	3.0	0.0	D	4.8
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	X	0.0	0.0	0.0	0.0	X	0.0
3312	Steel Products from Purchased Steel	19.3	17.4	X	1.3	24.2	28.7	X	X	8.3
3313	Alumina and Aluminum Production and Processing	0.7	0.9	X	0.0	0.5	0.7	X	X	40.5
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	X	0.0	0.0	0.0	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	X	0.0	0.0	0.0	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	1.4	1.6	X	0.0	1.3	1.3	X	X	40.5
3314	Nonferrous Metal (except Aluminum) Production and Processing	1.3	0.6	X	14.6	3.2	0.4	0.0	X	0.0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.2	0.2	X	0.0	0.1	1.1	0.0	X	0.0
3315	Foundries	D	2.5	X	10.1	2.2	2.3	X	D	0.3
331511	Iron Foundries	D	1.6	X	0.0	1.4	1.6	X	D	0.0
331523	Nonferrous Metal Die-Casting Foundries	6.6	7.9	X	42.1	3.6	5.5	X	X	3.9
331524	Aluminum Foundries, except Die-Casting	2.8	3.7	X	X	1.8	0.9	X	X	0.0
332	Fabricated Metal Products	18.4	18.9	X	70.3	29.4	34.8	X	X	40.0
333	Machinery	36.0	39.9	X	91.7	38.7	47.7	X	X	88.8
334	Computer and Electronic Products	14.1	13.9	X	43.8	20.6	8.9	X	X	53.2
334413	Semiconductors and Related Devices	8.7	8.9	X	60.0	10.9	19.4	X	X	56.3
335	Electrical Equipment, Appliances, and Components	34.7	34.4	X	67.1	59.2	97.6	X	X	75.6
336	Transportation Equipment	9.7	10.1	X	34.1	8.6	27.2	X	X	19.2
336110	Automobile and Light Duty Motor Vehicle Manufacturing	15.2	15.4	X	92.4	10.0	24.5	X	X	0.0
3364	Aerospace Product and Parts	8.9	9.6	X	D	7.5	17.1	X	X	D
336411	Aircraft	24.0	25.6	X	D	D	38.0	X	X	52.1
337	Furniture and Related Products	28.5	30.1	X	X	40.2	46.1	X	X	95.5
339	Miscellaneous	20.5	20.9	X	52.8	26.2	51.6	X	X	60.1
	Total	D	5.7	5.7	21.2	5.7	11.6	16.5	D	3.7

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. *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.

^a The Bureau of the Census classifies establishments using the 2022 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 suppliers, such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.

^d Hydrocarbon gas liquids (HGLs) 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 (NGLs).

^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 (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).