

Table 7.7 Quantity of Purchased Electricity, Natural Gas, and Steam, 2018;

Level: National and Regional Data;
 Row: NAICS Codes;
 Column: Supplier Sources of Purchased Electricity, Natural Gas, and Steam;
 Unit: Physical Units or Btu.

NAICS Code(a)	Subsector and Industry	Electricity			Natural Gas			Steam		
		Electricity Total (million kWh)	Electricity from Local Utility(b) (million kWh)	Electricity from Sources Other than Local Utility(c) (million kWh)	Natural Gas Total (billion cu ft)	Natural Gas from Local Utility(b) (billion cu ft)	Natural Gas from Sources Other than Local Utility(c) (billion cu ft)	Steam Total (billion Btu)	Steam from Local Utility(b) (billion Btu)	Steam from Sources Other than Local Utility(c) (billion Btu)
Total United States										
311	Food	91,916	68,324	23,592	649	152	497	32,732	5,483	27,248
3112	Grain and Oilseed Milling	14,689	10,555	4,134	144	23	122	17,250	4,400	12,850
311221	Wet Corn Milling	6,035	3,718	2,318	59	6	53	12,558	1,345	11,213
31131	Sugar Manufacturing	1,113	821	293	32	9	23	1,857	0	1,857
3114	Fruit and Vegetable Preserving and Specialty Food	9,945	7,960	1,985	90	22	67	377	8	370
3115	Dairy Product	11,509	7,851	3,658	78	19	59	1,035	438	597
3116	Animal Slaughtering and Processing	31,666	24,466	7,200	145	36	109	12,213	638	11,574
312	Beverage and Tobacco Products	14,184	11,251	2,933	52	23	29	170	170	0
3121	Beverages	13,418	10,754	2,663	47	20	27	170	170	0
3122	Tobacco	766	497	270	4	3	1	0	0	0
313	Textile Mills	10,879	5,628	5,251	22	11	11	896	0	860
314	Textile Product Mills	2,842	2,466	376	11	6	5	0	0	0
315	Apparel	722	386	336	2	1	1	0	0	0
316	Leather and Allied Products	226	154	72	1	*	1	0	0	0
321	Wood Products	21,761	14,462	7,299	65	21	44	2,139	542	1,596
321113	Sawmills	8,180	5,340	2,839	17	4	13	1,618	359	1,259
3212	Veneer, Plywood, and Engineered Woods	6,817	4,271	2,546	30	8	22	404	184	221
321219	Reconstituted Wood Products	4,289	2,199	2,091	20	6	14	221	0	221
3219	Other Wood Products	6,310	4,453	1,857	15	7	7	0	0	0
322	Paper	55,952	42,192	13,760	554	107	447	28,246	4,643	23,603
322110	Pulp Mills	2,033	1,405	628	39	0	0	782	0	782
322121	Paper Mills, except Newsprint	17,888	11,204	6,685	218	34	184	10,850	0	10,850
322122	Newsprint Mills	4,946	4,946	0	5	*	5	0	0	0
322130	Paperboard Mills	18,401	15,897	2,504	227	46	181	16,614	4,643	11,971
323	Printing and Related Support	10,032	7,328	2,705	24	8	16	0	0	0
324	Petroleum and Coal Products	54,317	33,776	20,541	1,070	242	828	151,580	15,257	136,323
324110	Petroleum Refineries	50,007	31,022	18,984	988	221	767	150,005	15,257	134,747
324121	Asphalt Paving Mixture and Block	1,378	823	554	40	11	30	0	0	0
324122	Asphalt Shingle and Coating Materials	930	647	282	13	4	10	0	0	0
324191	Petroleum Lubricating Oil and Grease Products	1,393	921	473	20	4	17	689	0	689
324199	Other Petroleum and Coal Products	610	362	248	8	3	5	886	0	886
325	Chemicals	157,413	99,748	57,665	3,059	222	2,837	345,970	36,502	309,468
325110	Petrochemicals	7,416	2,795	4,621	278	*	278	40,247	5,283	34,964
325120	Industrial Gases	22,641	17,401	5,240	227	0	226	1,494	0	1,494
325180	Other Basic Inorganic Chemicals	28,642	18,927	9,715	254	14	240	34,622	6,518	28,104
325193	Ethyl Alcohol	10,628	8,618	2,010	347	49	297	9,336	4,244	5,092
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	3,515	1,248	2,267	116	2	114	20,377	163	20,214
325199	Other Basic Organic Chemicals	20,931	11,205	9,726	575	74	501	102,035	3,068	98,967
325211	Plastics Materials and Resins	24,174	14,212	9,963	409	17	392	102,586	10,076	92,510
325212	Synthetic Rubber	1,417	979	438	19	2	16	9,080	0	9,080
325220	Artificial and Synthetic Fibers and Filaments	2,728	1,823	905	22	3	19	0	0	0
325311	Nitrogenous Fertilizers	5,137	4,788	349	560	2	557	765	0	765
325312	Phosphatic Fertilizers	2,085	0	0	0	*	0	0	0	0
3254	Pharmaceuticals and Medicines	10,447	5,508	4,938	61	16	44	3,879	2,509	1,370
325412	Pharmaceutical Preparation	6,115	3,373	2,742	30	9	20	2,758	1,527	1,231
325992	Photographic Film, Paper, Plate, and Chemicals	923	316	607	3	1	2	0	0	0
326	Plastics and Rubber Products	49,327	35,435	13,892	81	41	40	0	0	0
327	Nonmetallic Mineral Products	37,910	24,077	13,833	337	76	261	0	0	0
327120	Clay Building Material and Refractories	1,767	1,194	573	35	9	26	0	0	0
327211	Flat Glass	1,419	870	549	40	2	37	0	0	0
327212	Other Pressed and Blown Glass and Glassware	2,123	745	1,378	22	9	12	0	0	0
327213	Glass Containers	3,447	2,321	1,126	41	3	38	0	0	0
327215	Glass Products from Purchased Glass	3,670	2,331	1,340	9	2	7	0	0	0
327310	Cements	11,421	7,666	3,755	56	10	46	0	0	0
327410	Lime	1,398	1,203	195	18	9	9	0	0	0
327420	Gypsum	1,541	870	672	50	9	42	0	0	0
327993	Mineral Wool	3,110	1,804	1,306	21	6	14	60	0	60
331	Primary Metals	113,382	58,371	55,011	658	118	540	7,050	0	7,050
331110	Iron and Steel Mills and Ferroalloys	56,170	35,370	20,800	436	75	361	6,948	0	6,948
3312	Steel Products from Purchased Steel	6,914	3,885	3,030	25	9	16	0	0	0
3313	Alumina and Aluminum	26,260	5,234	21,026	113	15	97	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	780	618	162	18	4	14	0	0	0
331315	Aluminum Sheet, Plate and Foils	5,377	2,062	3,314	52	8	44	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	1,917	1,280	637	17	3	14	0	0	0
3314	Nonferrous Metals, except Aluminum	13,272	6,897	6,376	41	10	31	103	0	103
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	7,887	3,650	4,238	16	1	15	0	0	0
3315	Foundries	10,766	6,985	3,780	44	9	35	0	0	0
331511	Iron Foundries	5,196	3,394	1,802	12	2	10	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	2,078	1,101	976	14	3	11	0	0	0
331524	Aluminum Foundries, except Die-Casting	788	633	155	6	2	4	0	0	0
332	Fabricated Metal Products	36,063	28,773	7,290	122	38	84	0	0	0
333	Machinery	23,569	12,878	10,691	59	27	31	0	0	0
334	Computer and Electronic Products	22,186	12,759	9,427	32	12	20	199	96	1,231
334413	Semiconductors and Related Devices	11,613	7,635	3,978	13	4	9	96	96	0
335	Electrical Equip., Appliances, and Components	11,037	7,476	3,561	35	11	24	0	0	0
336	Transportation Equipment	50,462	39,350	11,112	154	36	118	1,251	265	986
336111	Automobiles	4,024	3,380	643	18	2	15	670	256	414
336112	Light Trucks and Utility Vehicles	4,233	3,676	557	24	6	18	0	0	0
3364	Aerospace Product and Parts	9,699	6,955	2,744	27	8	19	9	9	0
336411	Aircraft	2,721	2,315	406	6	1	4	0	0	0
337	Furniture and Related Products	4,669	3,195	1,474	15	7	8	0	0	0
339	Miscellaneous	9,547	6,088	3,459	25	16	8	1,056	0	1,056

Total		778,396	514,117	264,279	7,023	1,175	5,848	577,568	62,996	514,572
Northeast Census Region										
311	Food	7,833	4,273	3,560	47	8	39	19	8	12
3112	Grain and Oilseed Milling	497	285	212	2	*	2	0	0	0
311221	Wet Corn Milling	15	12	3	*	0	*	0	0	0
31131	Sugar Manufacturing	4	1	3	2	*	1	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	787	431	356	8	2	6	8	8	0
3115	Dairy Product	1,467	568	899	11	3	9	12	0	12
3116	Animal Slaughtering and Processing	1,096	440	656	7	2	5	0	0	0
312	Beverage and Tobacco Products	1,674	1,164	510	6	2	5	0	0	0
3121	Beverages	1,647	1,146	501	6	1	4	0	0	0
3122	Tobacco	28	18	9	1	*	*	0	0	0
313	Textile Mills	568	358	210	4	1	3	0	0	0
314	Textile Product Mills	305	200	Q	1	*	1	0	0	0
315	Apparel	151	72	Q	1	*	*	0	0	0
316	Leather and Allied Products	49	20	29	*	*	*	0	0	0
321	Wood Products	1,488	744	744	5	*	4	0	0	0
321113	Sawmills	381	152	228	*	*	*	0	0	0
3212	Veneer, Plywood, and Engineered Woods	269	127	142	2	*	2	0	0	0
321219	Reconstituted Wood Products	196	91	105	2	*	2	0	0	0
3219	Other Wood Products	816	448	368	3	*	2	0	0	0
322	Paper	5,879	2,157	3,722	77	13	64	6,604	0	6,604
322110	Pulp Mills	D	20	D	D	0	D	0	0	0
322121	Paper Mills, except Newsprint	2,392	414	1,978	49	8	41	D	0	D
322122	Newsprint Mills	0	0	0	0	0	0	0	0	0
322130	Paperboard Mills	D	888	D	D	4	D	D	0	D
323	Printing and Related Support	1,582	674	908	3	1	2	0	0	0
324	Petroleum and Coal Products	2,611	1,585	1,027	41	3	37	6,321	0	6,321
324110	Petroleum Refineries	2,119	1,294	825	29	0	29	D	0	D
324121	Asphalt Paving Mixture and Block	281	138	143	8	2	6	0	0	0
324122	Asphalt Shingle and Coating Materials	90	85	6	1	1	1	0	0	0
324191	Petroleum Lubricating Oil and Grease Products	45	23	21	*	*	*	D	0	D
324199	Other Petroleum and Coal Products	76	44	31	2	*	2	0	0	0
325	Chemicals	10,994	6,115	4,879	112	22	90	11,285	942	10,343
325110	Petrochemicals	17	17	*	*	*	*	0	0	0
325120	Industrial Gases	2,436	1,185	1,250	2	Q	1	686	0	686
325180	Other Basic Inorganic Chemicals	1,619	1,436	184	6	1	4	1,514	0	1,514
325193	Ethyl Alcohol	170	60	109	7	*	7	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	107	107	0	2	0	2	0	0	0
325199	Other Basic Organic Chemicals	1,502	1,091	411	44	7	37	1,562	282	1,280
325211	Plastics Materials and Resins	871	343	528	4	1	3	2,454	410	2,044
325212	Synthetic Rubber	18	4	13	*	*	*	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	35	29	6	*	*	*	0	0	0
325311	Nitrogenous Fertilizers	24	5	19	*	*	*	0	0	0
325312	Phosphatic Fertilizers	1	1	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	2,383	1,104	1,279	22	6	17	389	250	139
325412	Pharmaceutical Preparation	1,359	770	589	8	5	3	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	415	4	411	1	*	1	D	0	D
326	Plastics and Rubber Products	4,749	Q	2,354	10	Q	Q	0	0	0
327	Nonmetallic Mineral Products	3,885	1,369	2,516	50	12	38	Q	0	Q
327120	Clay Building Material and Refractories	212	152	60	3	1	2	0	0	0
327211	Flat Glass	123	9	114	4	*	4	0	0	0
327212	Other Pressed and Blown Glass and Glassware	416	43	373	4	*	4	0	0	0
327213	Glass Containers	461	55	406	6	1	5	0	0	0
327215	Glass Products from Purchased Glass	285	163	123	2	*	2	0	0	0
327310	Cements	810	552	257	15	4	11	0	0	0
327410	Lime	69	55	14	3	3	*	0	0	0
327420	Gypsum	138	D	D	6	D	D	0	0	0
327993	Mineral Wool	129	77	51	2	*	2	0	0	0
331	Primary Metals	10,936	4,814	6,122	70	17	53	0	0	0
331110	Iron and Steel Mills and Ferroalloys	6,325	2,689	3,636	43	14	29	0	0	0
3312	Steel Products from Purchased Steel	480	236	245	2	1	1	0	0	0
3313	Alumina and Aluminum	1,547	849	698	14	*	14	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	24	14	10	*	*	*	0	0	0
331315	Aluminum Sheet, Plate and Foils	579	0	579	7	0	7	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	281	172	109	4	*	4	0	0	0
3314	Nonferrous Metals, except Aluminum	1,571	671	900	7	1	5	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	123	D	D	*	*	*	0	0	0
3315	Foundries	1,012	369	642	4	*	3	0	0	0
331511	Iron Foundries	464	122	342	1	*	1	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	93	23	70	1	*	1	0	0	0
331524	Aluminum Foundries, except Die-Casting	82	45	37	*	*	*	0	0	0
332	Fabricated Metal Products	6,078	5,048	1,030	23	Q	Q	0	0	0
333	Machinery	2,222	1,008	1,215	5	1	4	0	0	0
334	Computer and Electronic Products	4,342	1,437	2,906	8	3	5	199	96	Q
334413	Semiconductors and Related Devices	1,026	274	752	2	*	2	96	96	0
335	Electrical Equip., Appliances, and Components	1,524	164	1,360	6	1	6	0	0	0
336	Transportation Equipment	Q	Q	1,225	16	3	13	0	0	0
336111	Automobiles	1	0	1	*	0	*	0	0	0
336112	Light Trucks and Utility Vehicles	1	*	*	*	*	0	0	0	0
3364	Aerospace Product and Parts	843	401	442	6	2	4	0	0	0
336411	Aircraft	169	94	75	1	*	1	0	0	0
337	Furniture and Related Products	577	410	168	2	Q	2	0	0	0
339	Miscellaneous	2,148	654	Q	8	Q	1	0	0	0
	Total	74,291	38,128	36,163	495	106	389	26,754	1,046	25,708
Midwest Census Region										
311	Food	33,123	24,769	8,354	295	57	238	17,397	3,961	13,436
3112	Grain and Oilseed Milling	10,528	7,287	3,241	112	17	96	16,173	3,323	12,850
311221	Wet Corn Milling	5,585	3,534	2,052	55	4	51	12,558	1,345	11,213
31131	Sugar Manufacturing	608	327	282	8	D	D	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	3,656	3,043	613	19	4	15	0	0	0
3115	Dairy Product	4,353	3,117	1,236	31	4	27	586	0	586
3116	Animal Slaughtering and Processing	7,588	5,649	1,940	59	15	44	638	638	0
312	Beverage and Tobacco Products	1,480	906	574	11	5	7	0	0	0
3121	Beverages	1,479	905	574	11	5	7	0	0	0
3122	Tobacco	1	1	0	*	0	*	0	0	0
313	Textile Mills	301	201	100	1	*	*	0	0	0

314	Textile Product Mills	143	Q	Q	*	*	*	0	0	0
315	Apparel	70	60	Q	*	*	*	0	0	0
316	Leather and Allied Products	107	77	30	1	*	1	0	0	0
321	Wood Products	2,988	2,213	776	10	4	5	0	0	0
321113	Sawmills	448	324	124	1	*	*	0	0	0
3212	Veneer, Plywood, and Engineered Woods	771	555	216	4	1	2	0	0	0
321219	Reconstituted Wood Products	519	407	112	3	1	2	0	0	0
3219	Other Wood Products	1,729	1,309	420	5	2	2	0	0	0
322	Paper	13,312	9,038	4,274	107	11	95	13,138	2,607	10,531
322110	Pulp Mills	249	249	0	1	*	1	0	0	0
322121	Paper Mills, except Newsprint	5,030	3,338	1,692	52	3	50	D	0	D
322122	Newsprint Mills	0	0	0	0	0	0	D	0	0
322130	Paperboard Mills	2,785	1,911	873	27	1	26	D	2,607	D
323	Printing and Related Support	3,786	2,657	1,128	13	3	9	0	0	0
324	Petroleum and Coal Products	10,942	6,862	4,080	137	43	93	14,013	D	D
324110	Petroleum Refineries	9,908	6,341	3,567	119	39	80	13,126	D	D
324121	Asphalt Paving Mixture and Block	257	132	124	10	2	7	0	0	0
324122	Asphalt Shingle and Coating Materials	275	146	129	4	*	4	0	0	0
324191	Petroleum Lubricating Oil and Grease Products	194	123	71	2	*	2	0	0	0
324199	Other Petroleum and Coal Products	307	119	188	2	1	1	886	0	886
325	Chemicals	38,192	25,718	12,475	619	64	555	50,328	9,279	41,049
325110	Petrochemicals	3	3	0	*	0	*	0	0	0
325120	Industrial Gases	6,549	4,911	1,638	6	*	6	0	0	0
325180	Other Basic Inorganic Chemicals	3,809	2,655	1,154	21	2	19	4,976	2,923	2,053
325193	Ethyl Alcohol	9,617	7,746	1,871	315	42	273	8,654	3,562	5,092
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	287	283	5	2	*	2	3,394	0	3,394
325199	Other Basic Organic Chemicals	3,764	1,163	2,601	40	2	37	14,694	0	14,694
325211	Plastics Materials and Resins	3,123	1,855	1,269	31	1	30	4,592	535	4,057
325212	Synthetic Rubber	178	111	66	1	*	1	404	0	404
325220	Artificial and Synthetic Fibers and Filaments	74	61	12	*	*	*	0	0	0
325311	Nitrogenous Fertilizers	1,776	D	D	116	*	116	765	0	765
325312	Phosphatic Fertilizers	8	6	2	*	*	*	0	0	0
3254	Pharmaceuticals and Medicines	3,304	1,694	1,610	20	3	17	2,259	2,259	0
325412	Pharmaceutical Preparation	2,130	877	1,254	14	1	13	1,527	1,527	0
325992	Photographic Film, Paper, Plate, and Chemicals	52	36	16	*	*	*	0	0	0
326	Plastics and Rubber Products	21,718	13,555	8,163	34	14	20	0	0	0
327	Nonmetallic Mineral Products	11,435	5,976	5,460	87	16	71	Q	0	Q
327120	Clay Building Material and Refractories	285	192	93	7	2	5	0	0	0
327211	Flat Glass	462	428	34	14	*	14	0	0	0
327212	Other Pressed and Blown Glass and Glassware	496	188	308	8	D	D	0	0	0
327213	Glass Containers	945	563	382	11	0	11	0	0	0
327215	Glass Products from Purchased Glass	1,721	953	768	3	1	2	0	0	0
327310	Cements	3,096	1,570	1,526	6	*	6	0	0	0
327410	Lime	467	337	130	9	3	7	0	0	0
327420	Gypsum	264	D	D	9	D	D	0	0	0
327993	Mineral Wool	1,292	437	855	8	1	7	60	0	60
331	Primary Metals	41,892	20,327	21,566	340	49	290	7,050	0	7,050
331110	Iron and Steel Mills and Ferroalloys	20,330	13,243	7,087	260	36	224	6,948	7	6,948
3312	Steel Products from Purchased Steel	2,294	1,356	939	13	5	9	0	0	0
3313	Alumina and Aluminum	8,608	585	8,023	28	3	25	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	300	166	135	8	1	7	0	0	0
331315	Aluminum Sheet, Plate and Foils	1,564	20	1,544	13	*	12	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	698	337	361	5	1	4	0	0	0
3314	Nonferrous Metals, except Aluminum	4,097	876	3,221	11	2	9	103	0	103
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	2,472	D	D	3	*	3	0	0	0
3315	Foundries	6,563	4,267	2,297	27	3	23	0	0	0
331511	Iron Foundries	3,252	2,277	975	8	1	7	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	1,348	575	774	9	1	8	0	0	0
331524	Aluminum Foundries, except Die-Casting	458	384	75	3	1	3	0	0	0
332	Fabricated Metal Products	18,463	14,334	4,129	56	16	40	0	0	0
333	Machinery	9,712	6,671	3,042	35	18	17	0	0	0
334	Computer and Electronic Products	3,186	1,316	1,870	4	1	3	0	0	0
334413	Semiconductors and Related Devices	1,167	197	970	1	*	1	0	0	0
335	Electrical Equip., Appliances, and Components	3,786	2,842	944	12	2	10	Q	0	Q
336	Transportation Equipment	24,876	19,364	5,512	88	19	68	1,251	265	986
336111	Automobiles	2,024	1,502	522	12	1	12	670	256	414
336112	Light Trucks and Utility Vehicles	2,259	2,026	233	16	3	13	0	0	0
3364	Aerospace Product and Parts	2,405	1,784	622	8	2	6	9	9	0
336411	Aircraft	528	528	0	2	1	1	0	0	0
337	Furniture and Related Products	1,813	1,252	561	8	4	4	0	0	0
339	Miscellaneous	3,343	2,376	967	9	5	4	1,056	0	1,056
	Total	244,669	160,586	84,083	1,866	333	1,533	105,468	D	D

South Census Region

311	Food	23,324	18,270	5,054	157	47	110	12,654	Q	11,578
3112	Grain and Oilseed Milling	2,809	2,144	665	24	5	19	Q	Q	0
311221	Wet Corn Milling	358	96	262	2	2	1	0	0	0
31131	Sugar Manufacturing	236	229	7	10	D	D	3	0	3
3114	Fruit and Vegetable Preserving and Specialty Food	1,906	1,391	515	16	5	11	0	0	0
3115	Dairy Product	2,365	2,031	334	10	6	4	0	0	0
3116	Animal Slaughtering and Processing	9,698	6,877	2,822	59	16	43	11,574	0	11,574
312	Beverage and Tobacco Products	7,630	6,101	1,529	23	12	11	0	0	0
3121	Beverages	6,894	5,625	1,269	19	9	10	0	0	0
3122	Tobacco	736	476	260	4	3	1	0	0	0
313	Textile Mills	9,776	4,839	4,937	16	9	7	822	Q	785
314	Textile Product Mills	2,231	2,034	197	9	5	3	0	0	0
315	Apparel	451	210	241	1	*	1	0	0	0
316	Leather and Allied Products	53	40	13	*	*	*	0	0	0
321	Wood Products	12,784	7,709	5,075	38	13	25	681	359	322
321113	Sawmills	5,723	3,321	2,402	13	2	Q	681	359	322
3212	Veneer, Plywood, and Engineered Woods	4,001	2,379	1,622	18	6	12	0	0	0
321219	Reconstituted Wood Products	2,734	1,336	1,399	12	5	8	0	0	0
3219	Other Wood Products	2,772	1,754	1,017	6	4	2	0	0	0
322	Paper	26,930	22,259	4,671	319	79	240	7,532	2,036	5,496
322110	Pulp Mills	D	1,047	D	D	D	D	782	0	782
322121	Paper Mills, except Newsprint	7,808	5,393	2,415	90	22	68	101	0	101
322122	Newsprint Mills	2,032	2,032	0	4	*	4	0	0	0
322130	Paperboard Mills	D	10,177	D	D	40	D	6,649	2,036	4,613
323	Printing and Related Support	3,883	3,277	607	7	3	4	0	0	0

324	Petroleum and Coal Products	31,326	19,071	12,255	619	97	521	110,304	9,811	100,493
324110	Petroleum Refineries	28,992	17,535	11,458	578	88	490	D	9,811	D
324121	Asphalt Paving Mixture and Block	561	292	269	14	4	11	0	0	0
324122	Asphalt Shingle and Coating Materials	440	311	129	6	2	4	0	0	0
324191	Petroleum Lubricating Oil and Grease Products	1,135	764	371	17	3	14	D	0	D
324199	Other Petroleum and Coal Products	198	169	28	3	1	2	0	0	0
325	Chemicals	96,122	57,083	39,039	2,246	128	2,118	280,039	25,523	254,516
325110	Petrochemicals	7,396	2,775	4,621	278	*	278	40,247	5,283	34,964
325120	Industrial Gases	9,750	7,470	2,281	200	*	200	808	0	808
325180	Other Basic Inorganic Chemicals	19,903	11,815	8,088	209	10	199	25,449	3,512	21,937
325193	Ethyl Alcohol	429	423	7	13	8	6	7	7	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	3,104	842	2,262	109	2	108	16,983	163	16,820
325199	Other Basic Organic Chemicals	14,926	8,255	6,672	487	65	422	84,994	2,786	82,208
325211	Plastics Materials and Resins	19,888	11,726	8,162	373	15	358	95,518	9,130	86,388
325212	Synthetic Rubber	1,209	853	356	17	2	15	8,677	0	8,677
325220	Artificial and Synthetic Fibers and Filaments	2,610	1,724	886	22	3	18	0	0	0
325311	Nitrogenous Fertilizers	2,877	D	D	432	*	432	0	0	0
325312	Phosphatic Fertilizers	1,620	D	D	D	*	D	0	0	0
3254	Pharmaceuticals and Medicines	3,367	1,610	1,757	14	5	9	1,231	0	1,231
325412	Pharmaceutical Preparation	1,892	1,233	659	6	2	4	1,231	0	1,231
325992	Photographic Film, Paper, Plate, and Chemicals	283	103	180	1	1	*	0	0	0
326	Plastics and Rubber Products	19,490	16,115	3,375	31	17	15	0	0	0
327	Nonmetallic Mineral Products	16,416	11,590	4,826	151	41	110	0	0	0
327120	Clay Building Material and Refractories	1,192	788	404	23	6	17	0	0	0
327211	Flat Glass	667	352	315	17	2	14	0	0	0
327212	Other Pressed and Blown Glass and Glassware	1,132	438	694	10	D	D	0	0	0
327213	Glass Containers	1,159	917	242	15	2	12	0	0	0
327215	Glass Products from Purchased Glass	1,351	925	427	3	1	2	0	0	0
327310	Cements	5,251	3,850	1,400	26	4	22	0	0	0
327410	Lime	676	627	50	5	3	3	0	0	0
327420	Gypsum	890	429	461	27	5	22	0	0	0
327993	Mineral Wool	1,170	859	311	8	5	4	0	0	0
331	Primary Metals	48,571	27,894	20,678	207	45	162	0	0	0
331110	Iron and Steel Mills and Ferroalloys	26,176	17,724	8,453	117	21	96	0	0	0
3312	Steel Products from Purchased Steel	3,953	2,156	Q	9	3	6	0	0	0
3313	Alumina and Aluminum	11,518	3,268	8,250	62	12	50	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	225	208	17	8	2	6	0	0	0
331315	Aluminum Sheet, Plate and Foils	2,789	1,994	794	29	8	21	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	691	524	167	6	1	5	0	0	0
3314	Nonferrous Metals, except Aluminum	4,521	3,027	1,494	10	6	4	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	3,001	2,053	948	1	*	1	0	0	0
3315	Foundries	2,404	1,720	684	9	4	5	0	0	0
331511	Iron Foundries	1,348	894	454	2	1	2	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	436	399	37	4	2	2	0	0	0
331524	Aluminum Foundries, except Die-Casting	155	112	43	1	1	*	0	0	0
332	Fabricated Metal Products	7,388	6,199	1,189	31	11	20	0	0	0
333	Machinery	10,417	4,344	Q	15	8	7	0	0	0
334	Computer and Electronic Products	6,895	3,326	3,569	9	Q	6	0	0	0
334413	Semiconductors and Related Devices	4,022	2,532	1,490	4	*	4	0	0	0
335	Electrical Equip., Appliances, and Components	4,330	3,202	1,128	14	8	6	Q	0	Q
336	Transportation Equipment	16,687	13,251	3,436	39	11	28	0	0	0
336111	Automobiles	1,749	1,628	121	5	2	3	0	0	0
336112	Light Trucks and Utility Vehicles	1,970	1,646	324	9	3	6	0	0	0
3364	Aerospace Product and Parts	3,424	2,440	984	5	2	3	0	0	0
336411	Aircraft	1,344	1,083	261	1	*	1	0	0	0
337	Furniture and Related Products	1,764	1,153	612	4	2	Q	0	0	0
339	Miscellaneous	3,052	2,224	828	6	4	2	0	0	0
	Total	349,522	230,190	119,332	3,942	544	3,398	413,980	38,842	375,138

West Census Region

311	Food	27,635	21,012	6,624	151	40	111	2,661	438	2,223
3112	Grain and Oilseed Milling	855	838	Q	6	2	5	0	0	0
311221	Wet Corn Milling	76	76	0	2	*	2	0	0	0
31131	Sugar Manufacturing	265	265	0	13	D	D	1,853	0	1,853
3114	Fruit and Vegetable Preserving and Specialty Food	3,596	3,096	500	47	11	36	370	0	370
3115	Dairy Product	3,324	2,135	1,189	26	6	20	438	438	0
3116	Animal Slaughtering and Processing	Q	Q	Q	20	3	17	0	0	0
312	Beverage and Tobacco Products	3,400	3,080	320	11	5	6	170	170	0
3121	Beverages	3,398	3,078	320	11	5	6	170	170	0
3122	Tobacco	2	2	0	0	0	0	0	0	0
313	Textile Mills	234	229	4	1	1	*	74	0	74
314	Textile Product Mills	163	159	Q	Q	Q	Q	0	0	0
315	Apparel	50	45	5	*	*	*	0	0	0
316	Leather and Allied Products	17	16	*	*	*	*	0	0	0
321	Wood Products	4,501	3,796	704	12	4	9	1,458	184	1,274
321113	Sawmills	1,628	1,543	85	3	1	2	937	0	937
3212	Veneer, Plywood, and Engineered Woods	1,776	1,211	565	7	1	6	404	184	221
321219	Reconstituted Wood Products	840	365	476	3	*	3	221	0	221
3219	Other Wood Products	993	941	Q	2	1	1	Q	0	Q
322	Paper	9,830	8,738	1,092	52	4	47	972	0	972
322110	Pulp Mills	88	88	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	2,658	2,059	599	27	2	25	972	0	972
322122	Newsprint Mills	2,915	2,915	0	1	0	1	0	0	0
322130	Paperboard Mills	3,028	2,921	107	17	1	16	0	0	0
323	Printing and Related Support	782	720	Q	1	1	*	0	0	0
324	Petroleum and Coal Products	9,438	6,259	3,180	274	98	176	20,943	D	D
324110	Petroleum Refineries	8,987	5,853	3,134	263	94	168	20,943	D	D
324121	Asphalt Paving Mixture and Block	279	261	18	8	2	6	0	0	0
324122	Asphalt Shingle and Coating Materials	124	106	18	2	1	1	0	0	0
324191	Petroleum Lubricating Oil and Grease Products	19	10	9	1	*	*	0	0	0
324199	Other Petroleum and Coal Products	30	30	0	*	*	*	0	0	0
325	Chemicals	12,105	10,833	1,272	81	7	73	4,318	759	3,559
325110	Petrochemicals	0	0	0	0	0	0	0	0	0
325120	Industrial Gases	3,906	3,835	71	19	*	19	0	0	0
325180	Other Basic Inorganic Chemicals	3,310	3,021	289	18	1	18	Q	84	Q
325193	Ethyl Alcohol	412	389	23	12	*	12	675	675	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	16	16	0	2	*	2	0	0	0
325199	Other Basic Organic Chemicals	738	696	Q	4	*	3	785	0	785
325211	Plastics Materials and Resins	292	289	3	1	1	*	22	0	22

325212	Synthetic Rubber	12	10	2	*	*	*	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	9	9	0	*	*	*	0	0	0
325311	Nitrogenous Fertilizers	459	459	0	11	2	9	0	0	0
325312	Phosphatic Fertilizers	456	456	*	8	*	8	0	0	0
3254	Pharmaceuticals and Medicines	1,393	1,100	293	4	2	2	0	0	0
325412	Pharmaceutical Preparation	734	494	241	2	1	1	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	173	173	0	1	*	1	152	0	152
326	Plastics and Rubber Products	3,370	3,370	0	Q	Q	0	0	0	0
327	Nonmetallic Mineral Products	6,173	5,142	1,031	49	7	42	0	0	0
327120	Clay Building Material and Refractories	78	62	16	2	1	1	0	0	0
327211	Flat Glass	167	82	85	5	*	5	0	0	0
327212	Other Pressed and Blown Glass and Glassware	78	75	3	1	1	*	0	0	0
327213	Glass Containers	882	786	96	9	0	9	0	0	0
327215	Glass Products from Purchased Glass	313	290	22	1	*	1	0	0	0
327310	Cements	2,265	1,694	571	9	2	7	0	0	0
327410	Lime	185	185	1	*	*	*	0	0	0
327420	Gypsum	250	205	45	9	2	7	0	0	0
327993	Mineral Wool	519	430	89	2	1	2	0	0	0
331	Primary Metals	11,983	5,336	6,646	41	6	35	0	0	0
331110	Iron and Steel Mills and Ferroalloys	3,338	1,715	1,624	16	4	12	0	0	0
3312	Steel Products from Purchased Steel	187	138	49	*	*	*	0	0	0
3313	Alumina and Aluminum	4,587	532	4,055	8	*	8	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	230	230	0	1	*	1	0	0	0
331315	Aluminum Sheet, Plate and Foils	445	48	397	4	*	4	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	247	247	0	2	*	2	0	0	0
3314	Nonferrous Metals, except Aluminum	3,083	2,323	761	12	*	12	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	2,292	1,536	757	11	*	10	0	0	0
3315	Foundries	787	630	158	4	1	3	0	0	0
331511	Iron Foundries	132	101	31	1	*	1	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	200	105	95	1	*	1	0	0	0
331524	Aluminum Foundries, except Die-Casting	93	92	1	1	*	*	0	0	0
332	Fabricated Metal Products	4,135	3,192	Q	11	Q	Q	Q	0	Q
333	Machinery	1,217	856	Q	4	*	Q	0	0	0
334	Computer and Electronic Products	7,762	6,680	1,082	11	5	6	0	0	0
334413	Semiconductors and Related Devices	5,397	4,632	766	7	3	3	0	0	0
335	Electrical Equip., Appliances, and Components	1,397	1,267	130	Q	*	Q	0	0	0
336	Transportation Equipment	4,205	3,267	939	10	3	8	0	0	0
336111	Automobiles	250	250	0	*	*	*	0	0	0
336112	Light Trucks and Utility Vehicles	3	3	0	*	*	*	0	0	0
3364	Aerospace Product and Parts	3,027	2,330	697	9	2	7	0	0	0
336411	Aircraft	680	610	70	2	*	2	0	0	0
337	Furniture and Related Products	514	381	Q	1	*	Q	0	0	0
339	Miscellaneous	1,004	835	Q	1	1	*	0	0	0
	Total	109,914	85,213	24,701	720	192	528	31,367	D	D

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

(b) A *Local Utility* is an entity that produces and/or delivers a particular energy source (for example, electricity, natural gas, steam) and is legally obligated to provide service to the general public within its franchise area.

(c) *Sources Other than Local Utility* include independent producers, brokers, marketers, and marketing subsidiaries of utilities; for the case of electricity sources, also include small power producers and co-generators not located at the establishment site.

* 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.

NA=Not available.

Notes: Totals may not equal sum of components because of independent rounding. Zeroes do not mean that the energy source is free, but that the energy source either did not show up in this sample or it was not purchased at all in the sampled population.

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: CDBRB-FY21-312).

RSE Table 7.7 Relative Standard Errors for Table 7.7:
 Unit: Percents.

NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components		
		Electricity Total (million kWh)	Electricity from Local Utility(b) (million kWh)	Electricity from Sources Other than Local Utility(c) (million kWh)	Natural Gas Total (billion cu ft)	Natural Gas from Local Utility(b) (billion cu ft)	Natural Gas from Sources Other than Local Utility(c) (billion cu ft)	Steam Total (billion Btu)	Steam from Local Utility(b) (billion Btu)	Steam from Sources Other than Local Utility(c) (billion Btu)
Total United States										
311	Food	11.4	13.0	14.2	4.5	5.8	5.7	16.5	16.2	19.5
3112	Grain and Oilseed Milling	1.9	2.5	3.8	3.5	17.0	3.1	5.0	19.5	0.0
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31131	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	6.1	7.7	5.1	3.2	5.6	4.1	0.3	13.5	0.0
3115	Dairy Product	3.3	4.9	3.5	2.4	6.7	2.6	20.8	49.2	0.0
3116	Animal Slaughtering and Processing	31.0	35.3	16.9	6.1	5.7	8.1	43.5	0.0	45.9
312	Beverage and Tobacco Products	15.5	19.6	4.2	8.6	16.0	5.6	42.1	42.1	X
3121	Beverages	16.4	20.5	4.6	9.3	18.3	5.8	42.1	42.1	X
3122	Tobacco	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
313	Textile Mills	6.1	9.3	11.7	12.7	21.4	14.4	2.8	69.2	0.0
314	Textile Product Mills	7.9	8.6	26.8	13.5	18.1	22.1	X	X	X
315	Apparel	11.3	17.5	16.6	14.0	19.8	20.5	X	X	X
316	Leather and Allied Products	5.1	7.8	8.8	11.5	16.9	13.4	X	X	X
321	Wood Products	2.9	4.1	3.6	10.1	9.3	14.4	3.2	0.0	4.3
321113	Sawmills	6.2	9.5	1.2	36.2	4.8	46.8	0.0	0.0	0.0
3212	Veneer, Plywood, and Engineered Woods	1.2	1.3	2.6	1.2	2.4	1.3	0.0	0.0	0.0
321219	Reconstituted Wood Products	1.5	0.8	3.1	0.9	0.4	1.3	0.0	X	0.0
3219	Other Wood Products	5.8	6.8	13.7	14.5	25.8	13.4	59.1	X	59.1
322	Paper	1.2	1.6	4.5	1.0	3.1	1.2	0.0	0.0	0.0
322110	Pulp Mills	0.0	0.0	0.0	0.0	D	D	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	0.0	X	0.0	0.0	0.0	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
323	Printing and Related Support	7.8	9.7	16.3	9.9	17.1	12.6	X	X	X
324	Petroleum and Coal Products	0.5	0.8	0.6	0.4	0.3	0.5	0.0	0.0	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
324121	Asphalt Paving Mixture and Block	8.7	4.5	20.8	3.8	5.6	5.0	X	X	X
324122	Asphalt Shingle and Coating Materials	1.7	2.5	3.0	1.1	3.1	1.3	X	X	X
324191	Petroleum Lubricating Oil and Grease Products	18.4	27.9	1.2	21.2	2.1	25.9	0.0	X	0.0
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
325	Chemicals	1.4	2.1	2.1	2.0	8.8	2.1	5.4	0.5	6.1
325110	Petrochemicals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325120	Industrial Gases	3.3	4.2	6.4	6.6	55.6	6.6	0.0	X	0.0
325180	Other Basic Inorganic Chemicals	2.1	3.3	1.8	13.8	18.1	14.6	6.7	1.6	8.2
325193	Ethyl Alcohol	1.9	2.5	2.9	1.5	8.8	1.7	2.3	0.0	4.3
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325199	Other Basic Organic Chemicals	5.3	10.1	3.1	5.8	22.9	6.1	14.9	0.3	15.4
325211	Plastics Materials and Resins	2.4	3.3	5.1	1.1	10.2	1.1	6.2	1.6	6.9
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325311	Nitrogenous Fertilizers	12.5	13.6	8.5	3.8	30.9	3.8	0.0	X	0.0
325312	Phosphatic Fertilizers	0.0	D	D	D	0.0	D	X	X	X
3254	Pharmaceuticals and Medicines	2.9	5.6	1.4	5.1	7.5	6.3	0.0	0.0	0.0
325412	Pharmaceutical Preparation	1.7	3.1	1.7	9.5	4.4	13.7	0.0	0.0	0.0
325992	Photographic Film, Paper, Plate, and Chemicals	0.3	0.1	0.4	0.4	0.6	0.5	D	X	D
326	Plastics and Rubber Products	7.7	9.9	16.7	14.1	21.2	20.4	X	X	X
327	Nonmetallic Mineral Products	2.5	3.0	5.0	1.7	3.0	2.1	72.4	X	72.4
327120	Clay Building Material and Refractories	3.6	5.1	6.0	2.1	0.9	2.9	X	X	X
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.6	1.5	0.8	0.7	1.0	1.2	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327215	Glass Products from Purchased Glass	1.4	2.2	1.4	1.0	3.2	1.1	X	X	X
327310	Cements	0.4	0.5	0.6	1.2	0.1	1.5	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327420	Gypsum	2.0	2.5	4.3	0.5	2.6	0.3	X	X	X
327993	Mineral Wool	0.4	0.3	1.1	1.0	0.5	1.4	0.0	X	0.0
331	Primary Metals	1.1	0.3	2.2	0.2	0.4	0.2	0.0	X	0.0
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
3312	Steel Products from Purchased Steel	17.6	1.9	40.4	3.8	2.4	6.2	X	X	X
3313	Alumina and Aluminum	0.1	0.4	0.1	0.4	0.7	0.4	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	1.5	1.9	3.9	2.3	2.9	3.0	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	1.2	1.2	2.8	0.4	1.0	0.5	X	X	X
3314	Nonferrous Metals, except Aluminum	0.9	1.5	1.2	1.3	3.3	1.5	0.0	X	0.0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.6	1.2	0.0	1.2	25.3	0.0	X	X	X
3315	Foundries	0.9	1.3	1.4	0.9	3.5	0.9	X	X	X
331511	Iron Foundries	1.5	2.3	2.1	1.9	12.4	1.1	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	1.2	2.0	1.8	1.6	4.0	2.0	X	X	X
331524	Aluminum Foundries, except Die-Casting	1.1	1.3	3.5	1.2	2.6	1.6	X	X	X
332	Fabricated Metal Products	10.0	11.5	21.5	16.0	22.7	21.0	90.1	X	90.1
333	Machinery	17.2	14.8	34.4	13.0	22.0	15.9	X	X	X
334	Computer and Electronic Products	6.8	5.3	14.9	11.4	23.6	12.2	47.5	0.0	91.7
334413	Semiconductors and Related Devices	3.3	4.7	4.5	3.7	6.2	4.5	0.0	0.0	X
335	Electrical Equip., Appliances, and Components	8.8	12.0	16.7	15.1	18.7	21.4	53.0	X	53.0
336	Transportation Equipment	9.2	11.5	13.3	8.4	11.6	10.7	37.9	0.0	48.1
336111	Automobiles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3364	Aerospace Product and Parts	4.2	5.8	4.6	2.6	7.4	2.2	0.0	0.0	X
336411	Aircraft	10.0	11.7	4.0	1.6	5.2	1.5	X	X	X
337	Furniture and Related Products	8.6	10.2	19.5	12.4	18.2	18.2	X	X	X
339	Miscellaneous	11.2	11.1	25.1	17.5	25.0	17.4	0.0	X	0.0
	Total	1.8	2.3	2.5	1.1	2.3	1.2	3.4	1.4	3.8
Northeast Census Region										
311	Food	11.7	16.3	16.5	9.8	7.5	11.7	5.4	13.5	0.0
3112	Grain and Oilseed Milling	5.2	9.7	7.1	0.9	2.5	0.9	X	X	X
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	X	0.0	X	X	X
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	6.5	11.8	5.7	13.6	3.2	18.8	13.5	13.5	X
3115	Dairy Product	4.7	12.3	4.1	6.5	14.2	7.8	0.0	X	0.0

3116	Animal Slaughtering and Processing	2.9	5.4	3.2	2.2	4.5	2.6	X	X	X
312	Beverage and Tobacco Products	7.1	10.2	9.0	4.4	15.5	3.6	X	X	X
3121	Beverages	7.2	10.3	9.2	4.8	18.4	3.9	X	X	X
3122	Tobacco	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
313	Textile Mills	6.3	8.2	13.3	13.1	34.9	13.5	X	X	X
314	Textile Product Mills	32.3	36.3	53.4	41.4	83.3	48.2	X	X	X
315	Apparel	30.5	31.8	52.0	36.6	52.5	46.5	X	X	X
316	Leather and Allied Products	8.7	15.9	12.7	15.1	13.5	17.1	X	X	X
321	Wood Products	8.5	14.3	9.4	16.6	52.1	17.4	X	X	X
321113	Sawmills	1.9	3.5	2.6	9.7	0.0	9.7	X	X	X
3212	Veneer, Plywood, and Engineered Woods	1.4	3.0	1.8	1.2	46.4	1.1	X	X	X
321219	Reconstituted Wood Products	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3219	Other Wood Products	15.4	23.7	18.9	30.2	60.5	33.2	X	X	X
322	Paper	6.8	14.8	6.5	4.4	2.2	5.3	0.0	X	0.0
322110	Pulp Mills	D	0.0	D	D	X	D	X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	D	X	D
322122	Newsprint Mills	X	X	X	X	X	X	X	X	X
322130	Paperboard Mills	D	0.0	D	D	0.0	D	D	X	D
323	Printing and Related Support	21.9	33.2	29.4	28.9	49.5	34.0	X	X	X
324	Petroleum and Coal Products	0.6	0.8	1.4	1.2	9.5	1.0	0.0	X	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	X	0.0	D	X	D
324121	Asphalt Paving Mixture and Block	5.9	8.6	9.7	5.7	15.6	6.2	X	X	X
324122	Asphalt Shingle and Coating Materials	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
324191	Petroleum Lubricating Oil and Grease Products	3.8	7.3	1.6	1.6	0.0	33.7	D	X	D
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325	Chemicals	3.5	5.1	4.9	10.6	11.9	12.9	9.1	0.0	10.0
325110	Petrochemicals	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325120	Industrial Gases	1.5	1.4	2.8	32.4	68.5	0.0	0.0	X	0.0
325180	Other Basic Inorganic Chemicals	1.8	2.0	11.3	17.7	9.4	23.8	4.3	X	4.3
325193	Ethyl Alcohol	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	0.0	X	0.0	X	X	X
325199	Other Basic Organic Chemicals	0.7	1.0	2.1	0.3	0.7	0.3	0.0	0.0	0.0
325211	Plastics Materials and Resins	1.8	4.2	1.9	2.4	7.6	2.0	0.0	0.0	0.0
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325312	Phosphatic Fertilizers	0.0	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	2.8	5.6	4.0	1.2	4.6	0.7	0.0	0.0	0.0
325412	Pharmaceutical Preparation	4.0	7.0	5.0	1.7	2.2	3.3	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0	0.0	0.0	0.0	D	X	D
326	Plastics and Rubber Products	32.1	54.3	34.8	45.9	74.2	53.2	X	X	X
327	Nonmetallic Mineral Products	14.7	5.1	22.6	3.1	10.1	2.7	95.6	X	95.6
327120	Clay Building Material and Refractories	4.1	4.8	6.3	5.9	3.4	8.9	X	X	X
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327212	Other Pressed and Blown Glass and Glassware	1.6	6.9	1.9	1.8	8.0	1.8	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327215	Glass Products from Purchased Glass	1.3	2.2	1.6	0.8	5.3	0.4	X	X	X
327310	Cements	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327420	Gypsum	0.0	D	D	0.0	D	D	X	X	X
327993	Mineral Wool	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
331	Primary Metals	0.6	1.3	0.5	0.3	0.8	0.3	X	X	X
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3312	Steel Products from Purchased Steel	7.9	16.4	2.5	2.5	3.8	4.0	X	X	X
3313	Alumina and Aluminum	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	X	0.0	0.0	X	0.0	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3314	Nonferrous Metals, except Aluminum	2.9	6.7	3.0	2.2	9.5	2.0	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	D	D	0.0	0.0	0.0	X	X	X
3315	Foundries	2.1	3.7	2.9	1.9	10.2	2.0	X	X	X
331511	Iron Foundries	1.1	5.3	0.7	1.4	12.6	1.0	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	12.4	25.0	8.6	3.2	2.3	4.0	X	X	X
331524	Aluminum Foundries, except Die-Casting	3.1	5.7	2.9	1.2	1.3	1.4	X	X	X
332	Fabricated Metal Products	27.0	31.4	37.3	46.8	77.3	58.0	X	X	X
333	Machinery	21.2	32.4	28.5	25.3	42.7	29.9	X	X	X
334	Computer and Electronic Products	12.3	22.6	13.8	18.8	45.1	14.9	47.5	0.0	91.7
334413	Semiconductors and Related Devices	2.2	7.4	1.7	2.3	6.5	2.5	0.0	0.0	X
335	Electrical Equip., Appliances, and Components	25.1	49.5	27.8	38.2	46.2	43.1	X	X	X
336	Transportation Equipment	53.9	72.5	23.3	23.8	14.4	29.0	X	X	X
336111	Automobiles	0.0	X	0.0	0.0	X	0.0	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0	0.0	0.0	X	X	X	X
3364	Aerospace Product and Parts	5.3	11.3	3.8	1.1	1.6	1.5	X	X	X
336411	Aircraft	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
337	Furniture and Related Products	25.0	30.5	44.6	36.2	52.7	46.6	X	X	X
339	Miscellaneous	37.0	26.5	51.7	41.5	50.1	35.4	X	X	X
	Total	5.1	8.9	4.6	3.8	7.7	4.4	9.2	0.1	9.5

Midwest Census Region

311	Food	4.2	5.4	5.9	6.5	11.7	7.7	0.0	0.0	0.0
3112	Grain and Oilseed Milling	1.9	2.9	2.0	4.5	23.5	3.9	0.0	0.0	0.0
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	D	D	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	15.6	18.8	7.5	9.5	18.6	11.4	X	X	X
3115	Dairy Product	4.5	6.6	6.6	4.0	13.7	4.6	0.0	X	0.0
3116	Animal Slaughtering and Processing	3.5	4.9	6.7	8.9	9.5	11.9	0.0	0.0	X
312	Beverage and Tobacco Products	4.7	6.2	9.0	6.4	3.3	10.5	X	X	X
3121	Beverages	4.7	6.3	9.0	6.4	3.3	10.5	X	X	X
3122	Tobacco	0.0	0.0	X	0.0	X	0.0	X	X	X
313	Textile Mills	12.7	19.0	12.4	13.1	30.3	5.8	X	X	X
314	Textile Product Mills	41.4	61.5	56.0	57.4	86.6	56.0	X	X	X
315	Apparel	40.9	45.9	84.5	61.2	70.1	84.5	X	X	X
316	Leather and Allied Products	7.8	11.9	17.1	17.2	28.5	19.9	X	X	X
321	Wood Products	6.9	8.7	10.5	6.2	7.6	9.3	X	X	X
321113	Sawmills	9.7	12.2	16.2	4.7	3.0	15.4	X	X	X
3212	Veneer, Plywood, and Engineered Woods	1.1	1.5	3.4	2.2	5.6	0.8	X	X	X
321219	Reconstituted Wood Products	0.8	1.0	0.0	0.5	0.8	0.8	X	X	X
3219	Other Wood Products	11.6	14.4	18.7	12.0	13.7	19.6	X	X	X
322	Paper	4.7	5.7	10.5	3.9	18.4	4.0	0.0	0.0	0.0
322110	Pulp Mills	0.0	0.0	X	0.0	0.0	0.0	X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	D	X	D
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	D	0.0	D
323	Printing and Related Support	12.5	14.4	26.2	14.4	26.8	17.4	X	X	X
324	Petroleum and Coal Products	0.1	0.2	0.2	0.3	0.6	0.3	0.0	D	D

324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	D	D
324121	Asphalt Paving Mixture and Block	2.6	5.1	2.6	3.8	11.5	4.2	X	X	X
324122	Asphalt Shingle and Coating Materials	3.4	5.6	5.2	1.3	0.0	1.4	X	X	X
324191	Petroleum Lubricating Oil and Grease Products	3.6	5.8	2.0	3.8	19.7	2.3	X	X	X
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
325	Chemicals	2.6	3.5	4.0	4.2	11.1	4.6	17.3	1.7	21.2
325110	Petrochemicals	0.0	0.0	X	0.0	X	0.0	X	X	X
325120	Industrial Gases	3.2	4.3	2.3	9.0	9.5	9.0	X	X	X
325180	Other Basic Inorganic Chemicals	0.7	0.9	2.1	2.0	17.6	2.1	2.6	0.0	6.3
325193	Ethyl Alcohol	2.1	2.8	3.1	1.6	10.4	1.9	2.5	0.0	4.3
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
325199	Other Basic Organic Chemicals	5.9	19.4	1.3	20.4	19.0	21.7	0.2	X	0.2
325211	Plastics Materials and Resins	2.3	3.3	5.9	6.1	21.0	6.3	3.5	29.9	0.0
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325311	Nitrogenous Fertilizers	0.1	D	D	0.1	87.5	0.1	0.0	X	0.0
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3254	Pharmaceuticals and Medicines	8.4	16.5	2.0	15.0	33.7	16.3	0.0	0.0	X
325412	Pharmaceutical Preparation	1.9	4.8	1.7	20.1	31.9	21.3	0.0	0.0	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
326	Plastics and Rubber Products	12.8	16.1	23.5	23.7	40.8	29.5	X	X	X
327	Nonmetallic Mineral Products	4.0	5.0	6.4	2.6	9.1	2.4	82.3	X	82.3
327120	Clay Building Material and Refractories	3.6	4.8	7.0	3.4	2.3	4.5	X	X	X
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.9	2.3	0.0	1.0	D	D	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	X	0.0	X	X	X
327215	Glass Products from Purchased Glass	2.6	4.8	1.2	2.5	9.5	2.7	X	X	X
327310	Cements	0.1	0.1	0.0	0.1	0.1	0.0	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327420	Gypsum	2.2	D	D	0.2	D	D	X	X	X
327993	Mineral Wool	0.7	1.4	1.0	0.5	3.4	0.5	0.0	X	0.0
331	Primary Metals	0.2	0.5	0.3	0.2	0.8	0.2	0.0	X	0.0
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
3312	Steel Products from Purchased Steel	1.8	2.6	4.5	3.7	4.1	6.1	X	X	X
3313	Alumina and Aluminum	0.2	2.0	0.2	0.8	1.3	0.9	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	3.3	6.2	3.2	2.7	3.5	3.1	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	2.5	1.8	4.9	1.2	1.7	1.6	X	X	X
3314	Nonferrous Metals, except Aluminum	0.9	3.6	0.9	3.1	8.0	3.6	0.0	X	0.0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	D	D	0.0	0.0	0.0	X	X	X
3315	Foundries	1.3	1.9	2.2	1.4	8.3	1.3	X	X	X
331511	Iron Foundries	2.2	3.1	3.9	2.9	20.5	1.6	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	1.5	3.6	2.1	2.4	10.7	2.8	X	X	X
331524	Aluminum Foundries, except Die-Casting	1.5	1.8	5.3	1.7	5.0	2.2	X	X	X
332	Fabricated Metal Products	15.6	17.5	31.8	21.4	25.8	27.3	X	X	X
333	Machinery	13.8	17.4	24.0	17.9	30.5	18.8	X	X	X
334	Computer and Electronic Products	16.0	21.5	22.7	22.7	22.1	29.7	X	X	X
334413	Semiconductors and Related Devices	11.6	0.0	13.9	12.2	0.0	21.2	X	X	X
335	Electrical Equip., Appliances, and Components	21.7	27.3	33.9	35.2	23.0	43.8	82.8	X	82.8
336	Transportation Equipment	15.5	19.0	22.9	13.0	18.6	16.0	37.9	0.0	48.1
336111	Automobiles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3364	Aerospace Product and Parts	2.5	3.6	3.6	2.4	2.0	3.3	0.0	0.0	X
336411	Aircraft	1.6	1.6	X	1.3	0.4	2.1	X	X	X
337	Furniture and Related Products	15.5	20.0	25.0	16.5	26.7	21.0	X	X	X
339	Miscellaneous	15.4	19.0	26.5	19.9	30.3	24.5	0.0	X	0.0
	Total	2.5	3.4	3.5	2.1	4.2	2.4	8.3	D	D

South Census Region

311	Food	5.8	7.1	9.3	6.2	11.0	7.7	42.6	79.8	45.9
3112	Grain and Oilseed Milling	6.2	6.1	21.1	1.9	6.2	1.9	79.8	79.8	X
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	D	D	0.0	X	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	5.4	7.5	12.6	4.9	9.4	6.4	X	X	X
3115	Dairy Product	12.5	14.7	10.5	9.2	16.5	3.6	X	X	X
3116	Animal Slaughtering and Processing	4.2	6.2	7.3	4.6	8.7	6.0	45.9	X	45.9
312	Beverage and Tobacco Products	28.4	35.6	6.5	18.9	30.2	12.6	X	X	X
3121	Beverages	31.5	38.6	7.8	22.3	38.7	13.7	X	X	X
3122	Tobacco	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
313	Textile Mills	6.7	10.8	12.5	17.2	25.7	21.9	3.1	69.2	0.0
314	Textile Product Mills	9.4	9.9	39.2	15.6	19.2	28.0	X	X	X
315	Apparel	15.6	28.9	16.1	11.8	19.7	14.3	X	X	X
316	Leather and Allied Products	12.6	17.0	8.4	4.8	19.8	1.4	X	X	X
321	Wood Products	4.6	7.1	4.8	17.0	14.9	24.5	0.0	0.0	0.0
321113	Sawmills	8.8	15.1	1.0	46.5	8.0	56.3	0.0	0.0	0.0
3212	Veneer, Plywood, and Engineered Woods	1.7	1.3	4.1	1.4	3.2	1.5	X	X	X
321219	Reconstituted Wood Products	2.3	1.1	4.6	1.5	0.4	2.5	X	X	X
3219	Other Wood Products	11.0	11.8	23.0	34.1	46.3	20.7	X	X	X
322	Paper	2.4	2.5	8.5	1.2	3.4	1.3	0.0	0.0	0.0
322110	Pulp Mills	D	0.0	D	D	D	D	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	0.0	X	0.0	0.0	0.0	X	X	X
322130	Paperboard Mills	D	0.0	D	D	D	D	0.0	0.0	0.0
323	Printing and Related Support	16.0	18.0	34.3	19.7	29.6	24.0	X	X	X
324	Petroleum and Coal Products	0.9	1.4	0.9	0.7	0.4	0.9	0.0	0.0	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	D	0.0	D
324121	Asphalt Paving Mixture and Block	20.4	6.2	42.6	9.7	8.9	13.2	X	X	X
324122	Asphalt Shingle and Coating Materials	2.8	4.2	3.4	2.3	6.0	3.1	X	X	X
324191	Petroleum Lubricating Oil and Grease Products	22.5	33.6	1.5	24.9	0.4	29.7	D	X	D
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325	Chemicals	2.1	3.3	2.5	2.5	14.2	2.5	5.9	0.4	6.5
325110	Petrochemicals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325120	Industrial Gases	7.1	9.0	14.6	7.5	10.0	7.5	0.0	X	0.0
325180	Other Basic Inorganic Chemicals	3.0	5.2	2.1	16.8	25.1	17.7	5.8	3.0	6.8
325193	Ethyl Alcohol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325199	Other Basic Organic Chemicals	7.3	13.4	4.5	6.7	26.3	6.9	17.9	0.3	18.5
325211	Plastics Materials and Resins	2.9	4.0	6.1	1.1	12.0	1.1	6.7	0.0	7.4
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325311	Nitrogenous Fertilizers	22.3	D	D	4.9	76.3	4.9	X	X	X
325312	Phosphatic Fertilizers	0.0	D	D	D	D	D	X	X	X
3254	Pharmaceuticals and Medicines	2.0	4.3	2.1	2.0	3.6	2.8	0.0	X	0.0
325412	Pharmaceutical Preparation	2.5	3.9	4.5	3.8	5.2	5.7	0.0	X	0.0
325992	Photographic Film, Paper, Plate, and Chemicals	0.9	0.4	1.5	1.4	0.7	3.7	X	X	X

326	Plastics and Rubber Products	15.0	17.0	35.1	21.8	27.7	35.3	X	X	X
327	Nonmetallic Mineral Products	2.7	3.5	4.0	2.1	3.4	2.6	X	X	X
327120	Clay Building Material and Refractories	5.3	7.7	8.3	3.0	1.0	4.0	X	X	X
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.6	0.8	1.1	1.2	D	D	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327215	Glass Products from Purchased Glass	1.8	2.4	3.7	0.9	2.4	0.8	X	X	X
327310	Cements	0.7	0.9	1.6	2.6	0.0	3.0	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327420	Gypsum	3.3	4.6	6.2	0.9	4.9	0.5	X	X	X
327993	Mineral Wool	0.7	0.1	2.5	0.2	0.0	0.5	X	X	X
331	Primary Metals	2.5	0.3	5.9	0.4	0.5	0.6	X	X	X
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3312	Steel Products from Purchased Steel	30.7	2.4	68.0	9.0	3.2	13.4	X	X	X
3313	Alumina and Aluminum	0.1	0.3	0.1	0.6	0.9	0.7	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	2.5	2.6	27.2	4.2	4.2	6.1	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	1.4	1.9	1.0	0.4	1.2	0.4	X	X	X
3314	Nonferrous Metals, except Aluminum	1.6	1.7	4.5	2.3	2.7	4.5	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3315	Foundries	1.4	2.0	1.0	0.8	1.6	1.1	X	X	X
331511	Iron Foundries	2.3	3.5	0.2	1.4	0.7	1.9	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	1.3	1.4	0.0	1.6	3.2	2.6	X	X	X
331524	Aluminum Foundries, except Die-Casting	2.2	0.9	8.2	0.1	0.1	0.4	X	X	X
332	Fabricated Metal Products	21.4	24.3	42.9	34.7	47.4	47.0	X	X	X
333	Machinery	37.4	35.5	59.3	29.2	34.0	48.3	X	X	X
334	Computer and Electronic Products	19.2	9.5	36.1	33.9	79.7	32.9	X	X	X
334413	Semiconductors and Related Devices	2.9	4.7	2.4	0.0	0.0	0.0	X	X	X
335	Electrical Equip., Appliances, and Components	13.7	14.8	34.3	16.9	25.5	21.5	60.3	X	60.3
336	Transportation Equipment	9.4	10.7	21.5	15.5	20.2	20.2	X	X	X
336111	Automobiles	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3364	Aerospace Product and Parts	11.4	15.9	12.5	14.0	34.9	11.7	X	X	X
336411	Aircraft	19.9	24.7	6.2	5.4	19.7	5.5	X	X	X
337	Furniture and Related Products	17.0	17.0	38.4	30.3	28.2	53.1	X	X	X
339	Miscellaneous	18.2	21.1	37.2	33.4	48.9	38.8	X	X	X
	Total	1.9	2.2	3.8	1.5	4.0	1.7	4.2	2.2	4.7

West Census Region

311	Food	37.2	41.2	49.1	13.2	7.1	17.9	8.1	49.2	0.0
3112	Grain and Oilseed Milling	7.6	8.0	57.3	6.1	6.0	8.4	X	X	X
311221	Wet Corn Milling	0.0	0.0	X	0.0	0.0	0.0	X	X	X
31131	Sugar Manufacturing	0.0	0.0	X	0.0	D	D	0.0	X	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	5.0	5.8	11.7	3.8	8.1	4.8	0.0	X	0.0
3115	Dairy Product	3.0	4.5	7.0	2.7	7.7	3.4	49.2	49.2	X
3116	Animal Slaughtering and Processing	73.8	75.0	66.8	32.4	14.8	39.0	X	X	X
312	Beverage and Tobacco Products	10.6	11.7	7.5	5.6	11.2	4.7	42.1	42.1	X
3121	Beverages	10.6	11.7	7.5	5.6	11.2	4.7	42.1	42.1	X
3122	Tobacco	0.0	0.0	X	X	X	X	X	X	X
313	Textile Mills	15.7	16.0	0.0	12.5	3.7	31.6	0.0	X	0.0
314	Textile Product Mills	42.1	43.1	99.4	57.0	93.9	68.9	X	X	X
315	Apparel	26.1	28.7	32.2	31.1	75.7	32.2	X	X	X
316	Leather and Allied Products	7.6	7.8	3.8	10.6	27.2	6.2	X	X	X
321	Wood Products	3.6	4.2	4.4	4.4	11.5	4.2	4.7	0.0	5.4
321113	Sawmills	2.7	2.8	11.3	1.4	3.4	1.0	0.0	X	0.0
3212	Veneer, Plywood, and Engineered Woods	2.5	3.7	0.8	3.2	2.8	3.9	0.0	0.0	0.0
321219	Reconstituted Wood Products	1.0	2.4	0.0	0.1	78.0	0.0	0.0	X	0.0
3219	Other Wood Products	15.0	15.6	55.7	20.8	31.0	28.4	59.1	X	59.1
322	Paper	3.1	2.8	17.6	2.5	19.8	2.1	0.0	X	0.0
322110	Pulp Mills	0.0	0.0	X	X	X	X	X	X	X
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	0.0	X	0.0	X	0.0	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
323	Printing and Related Support	23.8	25.2	71.2	31.4	39.2	51.6	X	X	X
324	Petroleum and Coal Products	0.3	0.5	0.1	0.1	0.2	0.2	0.0	D	D
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	D	D
324121	Asphalt Paving Mixture and Block	10.4	11.2	6.1	4.2	10.2	4.9	X	X	X
324122	Asphalt Shingle and Coating Materials	3.1	3.3	14.8	0.5	1.6	0.3	X	X	X
324191	Petroleum Lubricating Oil and Grease Products	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
324199	Other Petroleum and Coal Products	0.0	0.0	X	0.0	0.0	0.0	X	X	X
325	Chemicals	5.1	3.0	41.6	1.2	10.6	0.9	40.6	0.0	49.3
325110	Petrochemicals	X	X	X	X	X	X	X	X	X
325120	Industrial Gases	4.6	4.7	0.0	0.1	28.5	0.1	X	X	X
325180	Other Basic Inorganic Chemicals	1.3	1.4	1.4	2.6	3.2	2.7	65.4	0.0	67.5
325193	Ethyl Alcohol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	0.0	0.0	0.0	X	X	X
325199	Other Basic Organic Chemicals	4.2	0.6	74.8	4.0	13.4	4.3	0.0	X	0.0
325211	Plastics Materials and Resins	0.8	0.8	0.0	2.9	2.7	6.8	0.0	X	0.0
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	0.0	0.0	0.0	X	X	X
325311	Nitrogenous Fertilizers	8.6	8.6	X	6.2	31.5	0.0	X	X	X
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3254	Pharmaceuticals and Medicines	6.5	8.3	0.4	6.9	11.5	5.4	X	X	X
325412	Pharmaceutical Preparation	8.3	12.4	0.5	11.9	17.7	5.0	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.1	0.1	X	0.1	2.5	0.0	0.0	X	0.0
326	Plastics and Rubber Products	32.6	32.6	X	62.0	62.0	X	X	X	X
327	Nonmetallic Mineral Products	9.0	10.6	9.9	8.7	2.2	10.2	X	X	X
327120	Clay Building Material and Refractories	2.0	2.6	5.7	1.3	3.4	1.5	X	X	X
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327212	Other Pressed and Blown Glass and Glassware	11.1	11.7	11.1	2.1	2.0	25.0	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	X	0.0	X	X	X
327215	Glass Products from Purchased Glass	1.8	2.0	6.3	2.8	6.7	3.3	X	X	X
327310	Cements	0.8	1.1	0.2	0.2	0.0	0.3	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
327420	Gypsum	2.5	3.0	0.0	0.1	0.1	0.0	X	X	X
327993	Mineral Wool	1.3	0.3	7.8	8.3	0.5	12.7	X	X	X
331	Primary Metals	0.6	1.3	0.1	0.8	3.4	0.7	X	X	X
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
3312	Steel Products from Purchased Steel	7.8	10.7	0.0	15.9	17.6	0.0	X	X	X
3313	Alumina and Aluminum	0.2	2.0	0.0	0.4	9.3	0.4	X	X	X
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	0.0	0.0	0.0	0.0	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	4.4	4.4	X	1.7	13.2	1.8	X	X	X
3314	Nonferrous Metals, except Aluminum	2.1	2.8	0.0	2.4	58.9	2.0	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	1.9	2.8	0.0	1.8	63.6	0.0	X	X	X

3315	Foundries	1.8	2.2	0.1	1.6	5.0	0.2	X	X	X
331511	Iron Foundries	0.5	0.6	0.0	0.3	6.8	0.0	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	1.3	2.5	0.0	4.1	14.5	0.0	X	X	X
331524	Aluminum Foundries, except Die-Casting	2.5	2.5	22.6	6.5	14.2	0.4	X	X	X
332	Fabricated Metal Products	27.5	30.2	65.2	37.4	52.2	52.2	90.1	X	90.1
333	Machinery	24.0	22.0	62.8	47.4	35.6	54.1	X	X	X
334	Computer and Electronic Products	6.7	7.3	17.8	12.1	18.4	16.0	X	X	X
334413	Semiconductors and Related Devices	6.3	7.3	14.7	7.3	7.7	11.8	X	X	X
335	Electrical Equip., Appliances, and Components	22.5	24.8	0.0	53.3	73.7	54.1	X	X	X
336	Transportation Equipment	11.0	13.1	19.2	5.0	7.8	6.1	X	X	X
336111	Automobiles	0.0	0.0	X	0.0	0.0	0.0	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	X	0.0	0.0	0.0	X	X	X
3364	Aerospace Product and Parts	2.3	3.1	1.0	1.7	4.8	1.2	X	X	X
336411	Aircraft	6.7	7.4	0.0	2.7	15.5	0.0	X	X	X
337	Furniture and Related Products	26.7	29.1	62.4	44.0	51.6	53.4	X	X	X
339	Miscellaneous	23.6	25.9	59.5	32.6	38.2	62.8	X	X	X
	Total	9.5	10.4	13.7	3.0	2.6	3.9	6.1	D	D

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

(b) A *Local Utility* is an entity that produces and/or delivers a particular energy source (for example, electricity, natural gas, steam) and is legally obligated to provide service to the general public within its franchise area.

(c) *Sources Other than Local Utility* include independent producers, brokers, marketers, and marketing subsidiaries of utilities; for the case of electricity sources, also include small power producers and co-generators not located at the establishment site.

* 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.

NA=Not available.

Notes: Totals may not equal sum of components because of independent rounding. Zeroes do not mean that the energy source is free, but that the energy source either did not show up in this sample or it was not purchased at all in the sampled population.

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).