Released: September 2021
Next MECS will be fielded in 2023.

Table 7.2 Average Prices of Purchased Energy Sources, 2018;

Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Million Btu.

NAICS Code(s)	Subsector and Industry	TOTAL	Acetylene	Breeze	Coal Total	Anthracite	Bituminous and Subbituminous Coal	Lignite	Coke	Petroleum Coke	Electricity	Electricity from Local Utility(b)	Electricity from Sources Other than Local Utility(c)	Total Diesel Fuel and Distillate Fuel Oil	Diesel Fuel	Distillate Fuel Oil	Residual Fuel Oil	Blast Furnace Gas	Coke Oven Gas	Motor Gasoline (excluding Highway Usage)	Bitumen	Naphtha	Hydrogen	Kerosene	Pulping Liquor or Black Liquor	HGL (excluding natural gasoline)(d)	Natural Gas Total	Natural Gas from Local Utility(b)	Natural Gas from Sources Other than Local Utility(c)	Steam Total	Steam from Local Utility(b)	Steam from Sources Other than Local Utility(c)	Tire Derived Fuel	Waste Gases and Byproduct Gases	Waste Oils and Tars	Industrial Hot Water	Biomass Total	Agricultural Total(e)	Agricultural Waste	Wood Harvested Directly from Trees	Wood Residues and Byproducts from Mill Processing	Wood-Related Paper-Related Refuse	All Other Energy Sources
	Total United States																																											
311	Food	9.44	215.90	0.00	2.38	8.73	2.36	1.33	D	20.11	22.34	23.03	20.33	15.90	19.19	Q	10.96	0.00	0.00	22.55	0.00	0.00	Q	24.95	0.00	15.79	4.22	4.95	3.99	4.26	6.24	3.86	0.00	2.39	Q	0.00	2.22	2.90	1.65	Q	2.00	0.00
3112	Grain and Oilseed Milling	6.00	150.20	0.00	2.59	0.00	2.59	0.00	0.00	17.96	19.53	13.97	13.80	17.74	12.01	12.15	0.00	0.00	0.00	21.22	0.00	0.00	23.27	24.35	0.00	15.44	3.91	5.06	3.69	6.89	6.37	7.07	0.00	2.70	0.00	0.00	1.83	3.11	1.65	0.00	2.00	0.00
311221	Wet Corn Milling	6.16	240.93	0.00	2.97	0.00	2.97	0.00	0.00	15.71	18.25	11.63	12.34	16.11	11.01	0.00	0.00	0.00	0.00	20.09	0.00	0.00	37.48	24.35	0.00	18.66	3.60	3.51	3.61	7.41	9.16	7.20	0.00	1.39	0.00	0.00	1.65	0.00	1.65	0.00	0.00	0.00
31131	Sugar Manufacturing	4.53	254.52	0.00	2.24	8.73	2.19	1.33	0	20.11	22.89	22.76	23.24	20.59	18.47	31.30	9.32	0.00	0.00	20.09	0.00	0.00	0.00	25.05	0.00	24.60	3.78	3.72	3.81	1.49	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3114	Fruit and Vegetable Preserving and Specialty Food	9.67	233.10	0.00	0.00	0.00	0.00	0.00	0.00	24.19	24.04	24.81	16.42	16.54	16.06	13.79	0.00	0.00	0.00	23.30	0.00	0.00	3.21	31.26	0.00	15.29	4.35	5.11	4.10	3.06	19.98	2.71	0.00	2.04	0.00	0.00	4.74	4.74	0.00	0.00	0.00	0.00
3115	Dairy Product	10.48	246.14	0.00	0.00	0.00	0.00	0.00	0.00	22.89	23.41	21.76	14.04	13.60	17.52	14.91	0.00	0.00	0.00	22.85	0.00	0.00	0.00	Q	0.00	10.74	4.51	4.63	4.47	5.15	5.15	6.51	4.15	0.00	0.00	0.00	8.64	8.64	0.00	0.00	0.00	0.00
3116	Animal Slaughtering and Processing	10.91	236.13	0.00	0.00	0.00	0.00	0.00	0.00	21.41	22.02	19.31	19.09	18.77	20.83	0.00	0.00	0.00	0.00	24.96	0.00	0.00	0.00	24.97	0.00	12.71	4.07	4.69	3.86	Q	5.01	Q	0.00	3.44	0.00	0.00	3.09	4.02	0.00	Q	0.00	0.00
312	Beverage and Tobacco Products	15.46	170.49	0.00	4.19	0.00	4.19	0.00	0.00	27.20	28.67	21.55	16.64	17.94	14.40	15.73	0.00	0.00	0.00	26.67	0.00	0.00	26.98	30.18	0.00	19.65	5.02	5.42	4.70	6.80	6.80	0.00	0.00	9.05	0.00	0.00	3.22	Q	Q	3.21	0.00	0.00
3121	Beverages	15.73	169.94	0.00	4.19	0.00	4.19	0.00	0.00	27.53	28.95	21.79	16.65	17.83	14.24	16.50	0.00	0.00	0.00	26.71	0.00	0.00	28.19	30.18	0.00	19.33	5.00	5.43	4.69	6.80	6.80	0.00	0.00	9.00	0.00	0.00	3.22	Q	Q	3.21	0.00	0.00
3122	Tobacco	11.70	266.67	0.00	0.00	0.00	0.00	0.00	0.00	21.47	22.67	19.26	16.40	21.55	15.33	16.62	0.00	0.00	0.00	24.85	0.00	0.00	3.86	0.00	0.00	21.86	5.23	5.37	4.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
313	Textile Mills	12.67	274.27	0.00	5.26	0.00	5.26	0.00	0.00	17.69	18.56	16.76	18.92	18.76	19.77	Q	0.00	0.00	0.00	19.52	0.00	0.00	0.00	0.00	0.00	14.25	4.91	4.77	5.06	8.38	Q	8.13	0.00	0.00	0.00	0.00	Q	0.00	0.00	Q	0.00	0.00
314	Textile Product Mills	12.39	208.00	0.00	4.45	4.45	0.00	0.00	0.00	20.32	20.52	20.32	21.47	14.41	18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.01	5.49	6.08	4.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315	Apparel	19.25	0.00	0.00	Q	0.00	0.00	0.00	0.00	0.00	29.10	34.49	22.92	Q	Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.11	6.45	6.77	6.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
316	Leather and Allied Products	15.98	293.38	0.00	0.00	0.00	0.00	0.00	0.00	30.19	29.74	21.56	15.81	17.61	15.58	0.00	0.00	0.00	0.00	23.22	0.00	0.00	0.00	0.00	0.00	19.33	6.22	6.94	6.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
321	Wood Products	10.98	232.41	0.00	5.03	Q	5.32	0.00	0.00	23.68	24.18	22.70	18.08	18.12	17.48	11.18	0.00	0.00	0.00	21.00	0.00	0.00	18.20	25.62	0.00	19.30	4.43	5.07	4.11	4.56	5.18	4.35	0.00	0.00	11.08	0.00	3.31	2.49	3.60	3.61	1.58	0.00
321113	Sawmills	12.28	240.35	0.00	0.00	0.00	0.00	0.00	0.00	24.18	23.82	24.84	19.02	19.08	18.07	16.48	0.00	0.00	0.00	21.59	0.00	0.00	Q	26.54	0.00	16.32	4.05	4.54	3.91	4.38	6.25	3.85	0.00	0.00	11.08	0.00	3.01	2.49	3.60	1.88	1.14	0.00
3212	Veneer, Plywood, and Engineered Woods	8.34	287.05	0.00	Q	0.00	Q	0.00	0.00	19.42	20.63	17.40	18.30	18.25	20.48	9.85	0.00	0.00	0.00	23.44	0.00	0.00	0.00	25.50	0.00	15.82	4.04	4.63	3.81	5.05	3.10	6.67	0.00	0.00	0.00	0.00	3.92	0.00	4.45	3.29	2.87	0.00
321219	Reconstituted Wood Products	7.85	179.55	0.00	0.00	0.00	0.00	0.00	0.00	17.81	19.03	16.53	18.07	17.98	20.58	9.85	0.00	0.00	0.00	23.35	0.00	0.00	0.00	23.96	0.00	16.87	3.94	4.40	3.74	6.67	0.00	6.67	0.00	0.00	0.00	0.00	3.92	0.00	0.00	3.92	1.41	0.00
3219	Other Wood Products	12.72	223.12	0.00	5.13	Q	Q	0.00	0.00	20.44	27.84	26.49	17.36	17.36	17.37	Q	0.00	0.00	0.00	18.60	0.00	0.00	Q	24.57	0.00	18.32	5.54	5.86	5.20	Q	0.00	Q	0.00	0.00	0.00	0.00	3.62	0.00	3.39	4.97	1.59	0.00
322	Paper	6.31	187.96	0.00	4.18	3.72	4.23	0.00	0.00	24.45	17.69	17.38	18.65	16.62	18.08	14.62	11.32	0.00	0.00	21.86	0.00	0.00	0.00	28.08	3.75	16.12	3.97	4.39	3.87	5.51	5.14	5.58	2.00	4.51	8.18	0.00	2.96	11.23	2.53	2.65	4.64	0.00
322110	Pulp Mills	5.55	554.61	0.00	5.92	0.00	5.92	0.00	0.00	5.49	17.93	17.64	18.56	15.22	16.00	14.31	10.80	0.00	0.00	20.84	0.00	0.00	30.91	0.00	14.33	21.99	4.31	D	4.20	2.72	0.00	2.72	3.51	5.03	0.00	0.00	2.43	0.00	D	2.23	0.00	0.00
322121	Paper Mills, except Newsprint	5.65	167.41	0.00	3.88	3.72	3.90	0.00	0.00	2.13	16.37	16.76	15.70	15.85	18.38	13.30	11.88	0.00	0.00	20.93	0.00	0.00	41.64	27.95	0.00	15.18	3.83	4.29	3.74	5.27	0.00	5.27	1.83	4.50	0.00	0.00	2.50	0.00	2.68	2.42	3.06	0.00
322122	Newsprint Mills	8.75	537.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.97	12.97	0.00	0.00	23.10	23.10	0.00	0.00	0.00	24.37	0.00	0.00	0.00	21.99	0.00	16.13	3.49	3.67	3.49	0.00	0.00	0.00	2.33	0.00	0.00	0.00	6.11	0.00	0.00	5.82	D	0.00
322130	Paperboard Mills	5.35	163.61	0.00	4.96	0.00	4.96	0.00	0.00	5.94	15.81	15.61	17.04	17.68	18.42	16.37	11.13	0.00	0.00	22.55	0.00	0.00	38.39	31.25	3.62	16.14	3.79	4.03	3.73	5.79	5.14	6.04	1.69	0.00	8.18	0.00	2.82	11.23	2.21	2.33	4.62	0.00
323	Printing and Related Support	18.41	401.75	0.00	0.00	0.00	0.00	0.00	0.00	27.67	27.73	27.51	19.70	20.18	19.34	0.00	0.00	0.00	0.00	20.11	0.00	0.00	47.89	0.00	0.00	20.07	5.44	6.14	5.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
324	Petroleum and Coal Products	6.84	164.37	0.00	3.90	0.00	3.90	0.00	0.00	4.44	16.02	17.11	14.22	15.26	16.72	11.38	7.27	0.79	0.00	20.07	10.86	12.22	6.77	28.05	0.00	13.68	3.77	3.90	3.73	5.07	6.89	4.87	0.00	0.00	7.59	0.00	2.42	0.00	3.50	2.29	D	0.00
32411	Petroleum Refineries	5.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.23	16.25	13.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.77	0.00	0.00	10.99	3.82	3.70	3.57	6.89	6.89	4.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
324121	Asphalt Paving Mixture and Block	11.37	149.10	0.00	6.09	0.00	6.09	0.00	0.00	34.61	37.72	30.00	15.02	16.56	11.30	7.14	0.00	0.00	0.00	22.61	11.75	12.22	0.00	25.72	0.00	13.78	4.51	4.84	4.39	0.00	0.00	0.00	0.00	0.00	7.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00
324122	Asphalt Shingle and Coating Materials	9.36	282.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.97	25.90	22.83	20.78	20.90	19.58	11.59	0.00	0.00	22.55	9.45	0.00	0.00	31.67	0.00	14.71	4.47	4.99	3.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.42	0.00	3.50	2.29	D	0.00
324191	Petroleum Lubricating Oil and Grease Products	6.48	Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.01	19.96	17.17	17.04	16.80	19.58	0.00	0.00	0.00	17.32	Q	0.00	6.48	29.66	0.00	12.35	3.50	3.73	3.45	3.28	0.00	3.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
324199	Other Petroleum and Coal Products	4.24	211.23	0.00	3.90	0.00	3.90	0.00	0.00	4.44	19.39	20.44	17.86	17.33	17.90	9.63	0.00	0.79	0.00	18.92	0.00	0.00	44.20	24.80	0.00	16.39	4.27	5.52	3.64	5.81	0.00	5.81	0.00	0.00	7.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
325	Chemicals	8.03	44.62	0.00	3.27	5.13	2.97	13.91	8.52	3.17	16.63	17.27	15.52	17.02	17.49	14.91	11.47	0.00	0.00	19.70	0.00	6.77	6.18	15.33	1.19	12.65	3.60	4.09	3.56	4.35	6.23	4.13	1.23	2.73	Q	0.00	4.50	Q	13.08	3.33	4.38	0.00
325110	Petrochemicals	10.38	160.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.49	13.33	12.37	13.76	13.85	0.00	0.00	0.00	0.00	21.74	0.00	3.87	5.97	0.00	1.19	14.18	3.41	5.09	3.41	5.53	5.53	5.53	0.00	2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
325120	Industrial Gases	6.46	40.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.56	16.12	13.73	18.71	18.48	22.69	0.00	0.00	0.00	18.57	0.00	0.00	7.16	0.00	0.00	18.33	3.36	4.63	3.35	5.87	0.00	5.87	0.00	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
325180	Other Basic Inorganic Chemicals	6.94	113.69	0.00	2.88	0.00	2.88	0.00	8.52	0	13.81	13.61	14.20	19.21	19.14	17.96	11.46	0.00	0.00	22.05	0.00	8.70	5.39	31.90	0.00	8.76	3.50	3.80	3.49	5.98	4.21	6.39	0.00	2.76	0.00	0.00	2.44	0.00	0.00	1.43	1.67	0.00
325193	Ethyl Alcohol	4.57	171.64	0.00	1.83	0.00	1.83	0.00	0.00	0.00	18.82	18.65	19.51	19.86	19.87	Q	0.00	0.00	0.00	14.69	0.00	0.00	Q	25.35	0.00	19.81	3.37	3.37	3.37	4.75	4.60	4.86	1.23	4.55	0.00	0.00	5.07	0.00	0.00	5.25	4.88	0.00
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	7.68	432.31	0.00	8.50	5.13	0.00	11.01	0.00	0.00	12.33	17.20	9.65	16.88	19.01	14.58	0.00	0.00	0.00	21.89	0.00	0.00	4.34	26.40	0.00	14.43	3.65	4.31	3.64	4.45	13.89	4.37	0.00	1.05	0.00	0.00	5.17	0.00	14.97	3.61	2.69	0.00
325199	Other Basic Organic Chemicals	8.04	40.45	0.00	3.92	0.00	3.92	0.00	0.00	0.00	14.94	15.83	13.91	16.70	19.73	12.14	13.49	0.00	0.00	20.73	0.00	14.19	7.22	29.28	0.00	14.73	3.52	3.92	3.46	3.86	5.85	3.80	0.00	2.69	0.00	0.00	0.00	0.00	0.00	0.00	2.69	0.00
325211	Plastics Materials and Resins	8.51	204.95	0.00	4.83	0.00	4.83	0.00	0.00	17.69	15.18	15.90	14.15	17.24	18.12	15.11	0.00	0.00	0.00	21.55	0.00	12.07	16.35	26.37	0.00	10.37	3.73	4.00	3.72	3.44	7.52	2.99	0.00	2.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
325212	Synthetic Rubber	8.68	160.96	0.00	3.87	0.00	3.87	0.00	0.00	0.00	20.62	19.74	20.62	19.74	22.58	19.19	0.00	0.00	0.00	22.68	0.00	3.14	12.28	0.00	0.00	12.56	3.84	3.94	3.57	6.29	0.00	6.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
325220	Artificial and Synthetic Fibers and Filaments	7.81	148.12	0.00	3.36	0.00	3.36	0.00	0.00	0.00	16.79	16.91	16.55	16.84	16.59	17.63	0.00	0.00	0.00	22.10	0.00	0.00	125.00	23.72	0.00	21.70	4.14	4.37	4.09	0.00	0.00	0.00	0.00	0.00	7.55	0.00	0.00	0.00	0.00	0.00	7.55	0.00
325311	Nitrogenous Fertilizers	3.96	179.57	0.00	0.00	0.00	0.00	0.00	0.00	D	16.26	15.87	21.57	19.29	19.65	16.47	0.00	0.00	0.00	23.83	0.00	0.00	2.50	38.80	0.00	24.72	3.65	6.47	3.64	4.97	0.00	4.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
325312	Phosphatic Fertilizers	6.42	591.40	0.00	5.87	0.00	5.87	0.00	0.00	0.00	17.48	19.20	0	16.73	17.44	15.35	12.29	0.00	0.00	20.85	0.00	0.00	0.00	0.00	0.00	18.38	3.34	6.18	3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3254	Pharmaceuticals and Medicines	11.39	86.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.48	27.68	23.03	16.98	19.00	15.57	0.00	0.00	0.00	23.23	0.00	0.00	Q	21.02	0.00	19.25	5.22	5.14	5.25	6.50	7.96	3.84	0.00	3.36	0.00	0.00	3.62	Q	4.18	0.00	0.00	0.00
325412	Pharmaceutical Preparation	11.38	178.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.76	25.91	23.36	16.99	18.68	15.83	0.00	0.00	0.00	23.31	0.00	0.00	Q	21.02	0.00	17.88	5.88	5.00	6.29	6.07	9.40	1.94	0.00	3.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
325992	Photographic Film, Paper, Plate, and Chemicals	12.37	298.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.91	22.23	20.35	24.03	16.11	0.00	0.00	0.00	0.00	21.97	0.00	0.00	0.00	0.00	0.00	16.01	3.98	4.99	3.67	31.75	31.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
326	Plastics and Rubber Products	17.02	286.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.86	22.82	22.98	20.77	19.20	21.24	0.00	0.00	0.00	23.04	0.00	0.00	Q	18.17	0.00	19.40	5.15	5.35	4.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
327	Nonmetallic Mineral Products	6.99	191.69	4.78	4.02	2.65	4.07	0.00	3.53	2.90	20.13	21.13	18.38	18.38	18.38	17.72	Q	0.00	0.00	24.22	13.27	0.00	9.25	29.44	0.00	20.04	4.00	4.28	3.91	Q	0.00	Q	0.84	3.20	4.51	0.00	2.55	3.67	0.00	1.63	2.28	5.13
327120	Clay Building Material and Refractories	6.17	223.27	4.55	5.27	5.50	5.17	0.00	0.00	4.69	21.72	21.24	22.72	16.10	16.13	14.96	0.00	0.00	0.00	22.29	0.00	0.00	34.36	27.31	0.00	20.89	3.83	3.64	3.89	0.00	0.00	0.00	14.39	1.62	0.00	0.00	1.90	0.00	0.00	1.50	Q	1.24
327211	Flat Glass	5.08	231.51	0.00	13.14	13.14	0.00	0.00	0.00	0.00	17.38	18.02	16.38	19.58	19.58	0.00	0.00	0.00	0.00	20.33	0.00	0.00	49.59	33.78	0.00	16.54	3.63	4.70	3.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
327212	Other Pressed and Blown Glass and Glassware	7.02	157.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.87	18.73	15.87	19.08	19.08	0.00	0.00	0.00	0.00	20.86	0.00	0.00	5.77	21.05	0.00	18.55	3.92	3.92	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
327213	Glass Containers	7.34	196.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.72	20.33	18.45	19.10	19.10	0.00	0.00	0.00	0.00	23.09	0.00	0.00	0.00	33.25	0.00	15.81	3.86	3.91	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
327215	Glass Products from Purchased Glass	14.91	186.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.20	23.60	19.77	18.26	22.46	16.38	0.00	0.00	0.00	26.51	0.00	0.00	39.55	33.25	0.00	19.52	4.71	5.52	4.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
327310	Cements	4.96	174.39	11.67	3.52	0.00	3.52	0.00	2.79	2.51	16.43	16.70	15.89	19.05	18.40	22.16	0.00	0.00	0.00	22.30	0.00	0.00	32.00	31.65	0.00	22.51	3.51	4.08	3.39	0.00	0.00	0.00	0.86	0.00	4.21	0.00	2.62	3.67	0.00	0.00	1.76	2.03
327410	Lime	4.73	278.75	0.00	3.86	2.26	4.02	0.00	2.14	4.33	20.14	20.45	18.23	17.58	17.57	18.35	0.00	0.00	0.00	20.86	0.00	0.00	0.00	36.87	0.00	19.93	3.50	3.36	3.63	0.00	0.00	0.00	0.00	4.11	3.60	0.00	0.00	0.00	0.00	0.00	0.00	44.78
327420	Gypsum	5.88	206.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.91	22.23	21.50	18.56	18.56	0.00	0.00	0.00	0.00	21.97	0.00	0.00	0.00	0.00	0.00	18.05	3.95	3.92	3.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
327993	Mineral Wool	8.95	291.66	0.00	13.16	0.00	13.16	0.00	17.33	0.00	18.64	19.07	18.04	19.07	18.04	20.77	20.70	28.48	0.00	21.55	0.00	0.00	125.67	32.09	0.00	16.39	3.97	4.10	3.90	3.60	0.00	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
331	Primary Metals	7.98	150.83	8.94	4.83	7.91	4.72	14.75	13.13	12.32	15.60	16.87	14.25	17.60	17.64	16.62	10.70	0.00	1.30	21.56	0.00	0.00	12.80	24.21	0.00	15.34	3.56	3.85	3.50	5.02	0.00	5.02	0.00	1.45	2.68	0.00	5.49	4.00	5.91	4.05	0.00	0.00
331110	Iron and Steel Mills and Ferroalloys	7.16	134.35	9.53	4.74	7.96	4.64	0.00	12.87

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Released: September 2021
Next MECS will be fielded in 2023.

RSE Table 7.2 Relative Standard Errors for Table 7.2;
Unit: Percents.

NAICS Code(s)	Subsector and Industry	TOTAL	Acetylene	Breeze	Coal Total	Coal Anthracite	Coal Bituminous and Subbituminous	Coal Lignite	Coke Coal	Coke Coke	Petroleum Coke	Electricity	Electricity from Utility(b)	Electricity from Co-generation Other than Local Utility(c)	Total Diesel Fuel and Distillate Fuel Oil	Diesel Fuel	Distillate Fuel Oil	Residual Fuel Oil	Waste Fuel Furnace Gas	Coke Oven Gas	Motor Gasoline (excluding Highway Usage)	Bitumen	Naphtha	Hydrogen	Kerosene	Pulping Liquor or Black Liquor	HGL (excluding natural gasoline)(d)	Natural Gas Total	Natural Gas from Local Utility(b)	Natural Gas from Sources Other than Local Utility(c)	Steam Total	Steam from Local Utility(b)	Steam from Sources Other than Local Utility(c)	Tire Derived Fuel	Waste Gases and Byproduct Gases	Waste Oils and Tars	Industrial Hot Water Total	Biomass Total(e)	Agricultural Waste	Wood Harvested Directly from Trees	Wood Residues and Byproducts from Mill Processing	Wood-Related and Paper-Related Refuse	All Other Energy Sources
	Total United States																																											
311	Food	3.6	3.5	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.0	2.3	38.1	3.3	57.3	0.1	X	X	0.7	X	X	248.5	2.5	X	5.9	1.3	2.6	1.3	21.3	6.0	28.1	X	5.7	97.0	X	7.9	25.1	0.0	177.1	0.0	X
3112	Grain and Oilseed Milling	1.0	9.8	X	0.0	X	0.0	X	X	X	0.0	1.0	1.7	1.1	0.2	3.9	16.7	X	X	X	0.2	X	X	0.1	0.0	X	7.0	3.2	13.3	0.7	2.0	8.3	0.0	X	7.4	X	X	0.1	0.6	0.0	X	X	X	X
311221	Wet Corn Milling	0.0	0.0	X	0.0	X	0.0	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	0.0	X	0.7	0.0	0.1	2.1	2.9	X
31131	Sugar Manufacturing	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X	0.0	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X	X	X	X	X	X	X	X	X
3116	Fruit and Vegetable Preserving and Specialty Food	3.3	21.9	X	X	X	X	X	X	X	X	1.6	2.3	1.6	1.0	3.5	5.7	0.0	X	X	3.8	X	X	X	X	X	1.5	1.0	1.8	0.9	1.5	18.5	0.0	X	X	0.0	X	X	34.4	39.4	X	X	X	X	X
3115	Dairy Product	1.3	11.7	X	X	X	X	X	X	X	X	0.9	1.2	1.1	25.7	33.3	0.6	0.0	X	X	3.2	X	X	X	88.6	X	5.8	1.1	1.6	1.5	0.0	0.1	0.0	X	0.1	X	X	27.8	27.8	X	X	X	X	X
3114	Animal Slaughtering and Processing	1.3	1.7	X	X	X	X	X	X	X	X	0.9	1.2	1.1	0.7	1.1	1.1	0.0	X	X	0.0	X	X	X	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X	X	0.0	0.0	X	1.775.1	X	X	X
312	Beverage and Tobacco Products	6.4	15.0	0.0	0.0	X	0.0	X	X	X	3.0	0.6	2.0	2.0	7.4	3.2	22.1	0.0	X	X	3.1	X	X	0.0	X	X	1.8	2.5	4.3	2.2	40.1	0.1	7.3	X	0.0	0.0	X	0.4	97.2	97.4	0.0	X	X	X
3121	Beverages	6.7	15.2	X	0.0	X	0.0	X	X	X	1.2	0.9	2.2	2.1	8.1	2.3	27.4	0.0	X	X	3.3	X	X	0.0	0.0	X	4.4	2.7	5.0	2.1	42.1	42.1	X	X	0.0	X	X	0.4	97.2	97.4	0.0	X	X	X
3122	Tobacco	0.0	X	X	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X	X	X	X	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
313	Textile Mills	3.3	17.1	X	2.1	X	2.1	X	X	X	1.0	2.7	2.6	2.6	4.6	6.7	15.9	88.0	X	X	4.8	X	X	X	X	X	8.3	4.0	7.3	3.2	2.0	69.2	0.0	X	X	X	X	X	82.3	X	X	82.3	X	X
314	Textile Product Mills	5.9	13.7	X	0.0	0.0	X	X	X	X	1.2	1.9	8.8	4.6	15.1	6.4	X	X	X	X	X	X	X	96.7	X	16.0	9.6	11.9	6.2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
315	Apparel	6.3	X	X	99.6	99.4	X	X	X	X	1.4	1.4	5.4	5.4	51.8	51.8	X	X	X	X	98.2	X	X	X	X	X	7.5	7.0	9.9	10.7	X	X	X	X	X	X	X	X	X	X	X	X	X
316	Leather and Allied Products	3.7	3.6	X	X	X	X	X	X	X	2.9	2.3	3.1	3.1	0.7	2.2	0.1	X	X	X	2.2	X	X	X	X	X	5.1	8.1	3.6	10.2	X	X	X	X	X	X	X	X	X	X	X	X	X
321	Wood Products	3.8	2.6	X	15.2	97.5	14.0	X	X	X	0.9	1.3	1.3	1.3	4.0	6.5	1.8	0.2	X	X	3.4	X	X	48.4	7.2	X	1.4	2.3	2.3	2.5	0.6	0.0	1.1	X	X	0.0	X	6.3	0.0	0.1	9.9	10.2	X	X
32113	Sawmills	4.6	1.2	X	X	X	X	X	X	X	0.9	1.1	0.6	0.7	0.7	0.5	2.0	4.0	X	X	1.1	X	X	0.0	0.0	X	2.4	7.0	0.9	8.0	0.0	0.0	0.0	X	X	0.0	X	0.7	0.0	0.1	2.1	2.9	X	X
32192	Veneer, Plywood, and Engineered Woods	0.6	0.4	X	38.4	X	38.4	X	X	X	0.6	0.8	0.8	0.7	0.7	0.8	0.0	X	X	X	2.8	X	X	X	X	X	1.8	0.4	0.8	0.4	0.0	0.0	0.0	X	X	0.0	X	0.4	X	0.1	0.1	0.1	X	X
32319	Reconstituted Wood Products	0.0	0.0	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X	X	X	X	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3219	Other Wood Products	12.3	10.4	X	30.5	87.5	36.1	X	X	X	2.8	3.5	4.8	4.8	11.2	14.0	4.4	85.9	X	X	7.2	X	X	0.0	18.7	X	2.4	4.8	9.1	5.2	59.1	X	59.1	X	X	X	X	22.0	X	21.7	26.5	24.3	X	X
322	Paper	0.7	3.3	X	0.0	0.0	0.0	X	X	X	0.0	0.8	1.0	2.3	0.2	0.2	0.0	0.0	X	X	0.1	X	X	128.7	0.1	0.0	2.6	0.7	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	X	X
32110	Pulp Mills	0.0	0.0	X	0.0	X	0.0	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	X	X
32211	Paper Mills, except Newsprint	0.0	0.0	X	0.0	X	0.0	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X	0.0	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X	0.0	0.0	0.0	X	X
32212	Newsprint Mills	0.0	0.0	X	X	X	X	X	X	X	0.0	0.0	0.0	X	0.0	0.0	X	X	X	X	0.0	X	X	X	0.0	X	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	0.0	X	0.0	X	X
32130	Paperboard Mills	0.0	0.0	X	0.0	X	0.0	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	X	X
323	Printing and Related Support	3.9	9.4	X	X	X	X	X	X	X	1.4	4.2	4.3	4.8	3.1	18.1	X	X	X	X	10.1	X	X	3.4	1.0	X	4.7	1.7	6.1	4.7	X	X	X	X	X	X	X	X	X	X	X	X	X	X
324	Petroleum and Coal Products	0.7	9.9	0.1	X	0.1	X	0.1	X	0.0	0.2	0.3	0.5	2.6	1.6	3.6	6.7	0.0	X	X	1.1	0.8	0.0	0.0	3.4	X	4.3	0.1	0.1	0.1	0.0	0.0	0.0	X	X	5.4	X	9.3	X	0.0	12.6	0	X	X
32410	Petroleum Refineries	0.0	X	X	X	X	X	X	X	X	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	X	0.0	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X
32412	Asphalt Paving Mixture and Block	1.0	16.2	X	19.9	X	19.9	X	X	X	2.5	2.3	3.3	3.1	2.0	3.8	6.5	X	X	X	2.5	1.0	0.0	X	0.0	X	5.4	1.1	1.6	1.3	X	X	X	X	15.1	X	X	X	X	X	X	X	X	X
32414	Asphalt Shingle and Coating Materials	0.0	0.0	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X	X	X	X	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32416	Petroleum Lubricating Oil and Grease Products	3.2	48.8	X	X	X	X	X	X	X	0.8	0.7	1.2	1.2	8.8	8.3	2.3	X	X	X	0.0	40.1	X	0.0	16.6	X	27.0	4.0	1.1	4.9	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X
32419	Other Petroleum and Coal Products	0.0	X	X	0.0	X	0.0	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X	0.0	X	X	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
325	Chemicals	1.5	11.3	5.5	0.0	0.2	28.4	1.0	21.2	0.6	0.9	0.9	0.9	1.6	3.8	0.8	0.1	X	X	X	3.3	X	0.3	0.3	0.2	0.0	2.0	0.4	3.4	3.4	0.4	3.1	0.1	0.1	88.1	X	0.1	X	0.1	86.4	X	1.1	0.1	X
32518	Petrochemicals	0.0	0.0	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	0.0	0.0	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X
32519	Industrial Gases	2.9	11.9	X	X	X	X	X	X	X	1.2	1.5	1.3	1.0	0.0	0.0	0.0	X	X	X	7.1	X	X	16.3	X	0.0	0.9	0.1	28.2	0.1	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X
32580	Other Basic Inorganic Chemicals	3.4	0.4	X	0.0	X	0.0	X	0.0	72.0	0.6	1.1	0.5	1.4	1.5	0.0	0.1	X	X	X	0.6	X	2.4	7.4	7.1	X	0.1	1.2	4.2	1.3	5.4	0.3	4.9	X	0.0	X	X	0.1	X	X	0.0	4.4	X	X
32591	Ethyl Alcohol	0.5	0.1	0.0	0.0	X	0.0	X	X	X	0.4	0.1	0.4	0.4	0.4	0.4	0.1	X	X	X	11.1	X	X	64.4	0.0	X	0.7	0.3	0.8	0.4	1.3	0.0	2.2	X	0.0	X	X	0.0	X	X	0.0	0.0	X	X
32594	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	X	0.0	X	X	0.0	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X	X	0.0	X	X	0.0	0.0	X	X
32599	Other Basic Organic Chemicals	3.4	21.2	0.6	0.6	X	0.6	X	X	X	1.9	3.1	0.7	1.9	0.1	12.1	0.0	X	X	X	2.2	X	0.0	7.1	0.2	X	5.3	1.6	9.9	1.5	8.1	0.1	8.2	X	0.6	X	X	46.1	X	X	46.1	X	X	X
325211	Plastics Materials and Resins	5.3	25.1	X	0.0	X	0.0	X	X	X	0.0	1.0	1.3	1.4	0.6	0.9	1.6	X	X	X	0.3	X	0.8	7.2	14.1	X	0.8	0.2	2.5	0.2	2.5	0.6	4.1	X	0.1	X	X	X	X	X	X	X	X	X
325212	Synthetic Rubber	0.0	3.0	0.0	X	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	0.0	X	0.0	0.0	X	X	0.0	0.0	0.0	0.0	X	X	0.0	X	X	X	X	X	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	X	0.0	X	0.0	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	0.0	0.0	X	0.0	X	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	0.0	X
325311	Nitrogenous Fertilizers	0.0	0.0	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	0.0	X	X	0.0	X	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
325312	Phosphatic Fertilizers	0.0	0.0	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	X	X	X	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	1.1	1.3	X	0.0	X	0.0	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X	X	X	X	X	X	X	X	X
325412	Pharmaceutical Preparation	1.9	6.9	X	0.0	X	0.0	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	0.0	X	X	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
325920	Photographic Film, Paper, Plate, and Chemicals	0.0	X	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	0.0	X	X	0.0	X	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
326	Plastics and Rubber Products	4.2	28.4	X	X	X	X	X	X	X	2.6	1.2	4.7	4.5	1.3	1.8	X	X	X	X	4.9	X	X	96.4	0.8	X	7.7	1.1	4.7	4.4	X	X	X	X	X	X	X	X	X	X	X	X	X	X
327	Nonmetallic Mineral Products	2.3	9.1	0.0	6.6	0.1	6.7	5.6	0.1	1.3	1.7	1.8	2.1	2.3	12.8	97.3	X	X	X	X	5.5	2.7	X	0.9	0.6	X	4.3	1.0	2.5	1.5	56.1	X	56.1	0.0	0.0	0.0	4.6	X	2.7	0.0	X	1.4	9.2	0.0
327120	Clay Building Material and Refractories	1.7	10.1	0.0	0.0	X	0.0	X	X	X	1.4	1.1	1.2	3.5	1.2	1.2	1.3	X	X	X	0.0	X	X	0.0	2.0	X	2.9	0.6	1.0	0.7	X	X	X	X	0.0	X	X	17.0	X	X	14.7	86.0	0.0
327211	Flat Glass	0.0	0.0	X	0.0	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	0.0	0.0	X	0.0	X	0.0	0.0	X	X	X	X	0.0	X	X	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.4	0.0	X	0.0	X	0.0	X	X	X	0.4	0.4	0.3	0.3	0.0	0.0	X	X	X	X	0.0	X	X	6.7	0.0	X	9.4	0.3	0.7	0.3	X	X	X	X	X	X	X	X	X	X	X	X	X	X
327213	Glass Containers	0.0	0.0	X	0.0	X	0.0	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	0.0	X	X	0.0	X	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	0.8	2.4	X	X	X	X	X	X	X	0.7	1.0	1.1	1.6	0.0	0.0	X	X	X	X	0.0	X	X	0.0	0.0	X	3.6	0.7	1.7	0.7	X	X	X	X	X	X	X	X	X	X	X	X	X	X
327310	Cement	0.0	0.0	X	0.0	X	0.0	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	0.0	X	X	0.0	X	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
327410	Lime	0.0	X	X	0.0	X	0.0	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	X	X	X	0.0	X	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
327420	Gypsum	0.0	X	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	X	X	X	0.0	X	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
327992	Mineral Wool	0.0	X	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	X	0.0	X	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
331	Primary Metals	0.2	9.3	0.0	0.0	X	0.0	X	X	X	0.4	0.4	0.5	0.1	0.0	0.0	X	X	X	X	0.0	X	X	3.4	0.7	X	1.8	0.1	0.4	0.2	X	X	X	X	X	X	X	0.0	X	X	0.0	0.0	X	X
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	X	0.0	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	0.0	0.0	X	0.0	X	0.0	0.0	X	X	X	X	X	X	X	0.0	X	X	0.0	0.0	X	X
331112	Steel Products from Purchased Steel	3.8	1.1	X	0.0	X	0.0	X	X	X	1.4	1.6	2.4	2.6	0.0	0.0	X	X	X	X	2.4	X	X	0.0	0.0	X	0.0	X	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3313	Alumina and Aluminum	0.1	1.2	X	X	X	X	X	X	X	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.0	X	X	0.1	X	X	0.0	0.1	X	0.7	0.1	0.3	0.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.8	22.7	X	X	X	X	X	X	X	0.4	0.5	1.1	1.1	0.8	0.7	0.0	X	X	X	0.0	X	X	2.3	0.4	X	2.4	2.4	0.4	1.1	0.5	X	9.7	X	X	X	X	X	X	X	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	0.0	0.0	X	0.0	X	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
331316	Aluminum Extrusions and Alloying of Extruding	0.0	0.0	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	0.0	0.0	X	0.0	X	0.0	0.0	X	X	X	X	X	X	X	11.7	X	X	X	X	X	X
3314	Nonferrous Metals, except Aluminum	0.5	3.6	0.0	0.0	X	0.0	X	X	X	0.0	0.1	0.1	0.5	0.5	0.6	0.4	26.2	X	X	5.2	X	X	1.6	0.9	X	1.8	0.4	0.4	0.0	X	X	X	X	X	X	X	0.1	X	X	0.0	8.6	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.3	0.3	0.0	0.0	X	0.0	X	X	X	0.0	0.1	0.0	0.0	0.0	0.0	X	X	X	X	0.1	X	X	0.0	0.1	X	1.3	1.2	1.5	0.0	X	X	X	X	X	X	X	0.0	X	X	0.0	0.0	X	X
3315	Foundries	0.5	3.6	0.1	0.7	X	0.8	0.2	X	0.4	0.0	0.6	0.4	0.3	0.4	1.2	0.8	0.3	X	X	0.0	X	X	3.1	4.0	X	1.0	0.5	1.7	0.4	X	X	X	X	X	X	X	0.0	X	X	0.0	0.0	X	X
331511	Iron Foundries	1.0	2.3	X	0.0	0.0	0.0	4.0	X	0.7	1.2	0.8	0.3	0.3	0.0	X	X	X	X	X	0.1	X	X	0.0	8.3	X	1.8	0.4	2.9	0.4	X	X	X	X	X	0.0	X	X	X	X	X	X	X	X
331524	Nonferrous Metal Die-Casting Foundries	0.8	1.8	X	X	X	X	X	X	X	0.7	1.3	0.6	0.6	0.4	2.1	X	X	X	X	0.7	X	X	89.7	0.4	X	0.8	1.4	1.2	1.3	X	X	X	X	X	X	X	X	X	X	X	X	X	X
331528	Aluminum Foundries, except Die-Casting	1.2	23.9	X	X	X	X	X	X	X	1.2	1.5	1.2	1.5	1.2	0.1	0.0	X	X	X	0.0	X	X	X	X	X	1.2	0.5	2.0	0.6	X	X	X	X	X	X	X	X	X	X	X	X	X	X
332	Fabricated Metal Products	5.9	76.4	12.8	X	12.8	X	X	X	X	1.2	2.1	5.4	56.5	14.5	99.5	X	X	X	X	4.2	X	X	46.7	12.6	X	7.8	4.5	5.0	4.9	98.5	X	98.5	X	X	99.5	X	X	X	X	X	X	X	X
333	Machinery	13.9	9.2	X	99.0	99.0	X	X	X	X	1.4	11.3	4.0	25.0	3.1	3.2	15.5	99.0	X	X	4.5	X	X	51.5	79.0	X	12.6	4.4	8.3	4.0	X	X	X	X	X	97.6	X	X	X	X	X	X	X	X
334	Computer and Electronic Products	2.5	2.2	X	X	X	X	X	X	X	2.0	2.8	3.1	3.1	0.1	99.5	X	X	X	X	6.0	X	X	41.7	31.6	X	16.5	5.9	7.3	6.0	4.5	0.0	41.7	X	0.0	X	X	X	X	X	X	X	X	X
334413	Semiconductors and Related Devices	1.1	0.0	X	X	X	X	X	X	X	1.0	1.4	1.0	0.4	0.4	0.8	0.1	X	X	X	0.0	X	X	16.0	94.8	X	3.2	2.1	4.3	1.7	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	9.9	21.5	X	X	X	X	X	120.1	2.8	2.2	3.3	4.6	3.6	3.6	86.6	X	X	X	X	27.5	X	X	24.1	15.7	X	24.1	12.0	6.8	34.1	8.0	X	34.1	X	X	X	X	X	X	X	X	X	X	X
336	Transportation Equipment	3.3	18.9	X	X	X	X	X	80.2	X	2.7	3.2	4.0	6.4	6.6	1.5	2.5	X	X	X	1.3	X	24.3	19.7	0.2	X	5.1	2.6	6.8	3.0	12.3	D	13.5	X	0.0	X	X	X	X	X	X	X	X	X	0.0
336111	Automobiles	0.0	0.0	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	0.0	0.0	X	0.0	X	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	X	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0	X	X	X	X	X	0.0	X	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	2.8	80.3	X	X	X	X	X	X	X	2.6	3.4	1.6	0.1	0.5	0.4	X	X	X	X	0.8	X	24.3	34.3	0.1	X	2.1	0.8	3.3	0.8	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	0.0
336411	Aircraft	8.0	0.0	X	X	X	X	X	X	X	7.0	7.3	0.9	0.1	0.1	X	X	X	X	X	0.0	X	0.0	X	X	X	0.1	0.1	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	0.0
337	Furniture and Related Products	4.0	31.0	X	75.8	X	75.8	X	X	X	2.8	3.6	4.6	7.8	8.0	86.7	X	X	X	X	2.3	X	X	X	7.1	X	9.2	4.2	9.4	6.2	X	X	X	X	X	X	X	19.7	X	X	52.2	73.5	X
339	Miscellaneous	6.4	25.9	X	96.0	X	96.0	X	X	X	4.7	4.3	13.0	16.6	11.5	64.0	X	X	X	X	4.7	X	X	122.7	16.2	X	21.9	6.5	9.6	5.7	0.0	X	0.0	X	X	X	X	36.7	X	X	X	30.7	X
	Total	0.8	9.5	0.9	1.3	0.1	1.2	34.7	0.5	1.4	0.8	0.6	2.3	2.8	1.2	16.6	0.2	0.0	0.0	0.0	1.2	0.9

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331410	Nonferrous Metal (except Aluminum) Smelting and Refining	1.7	44.8	X	X	X	X	X	0.0	1.6	2.1	0.0	0.0	0.0	X	X	X	0.8	X	X	X	0.0	X	1.8	2.1	7.5	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3315	Foundries	0.6	5.3	X	X	X	X	X	0.0	X	0.5	0.6	0.1	0.1	0.2	0.0	X	X	X	0.0	X	0.0	X	X	7.4	0.6	1.2	0.6	X	X	X	X	X	0.0	X	X	X	X	X	X	X	X	X
331511	Iron Foundries	0.6	5.3	X	X	X	X	X	0.0	X	0.5	0.6	0.1	0.1	0.2	0.0	X	X	X	0.0	X	0.0	X	X	7.4	0.6	1.2	0.6	X	X	X	X	X	0.0	X	X	X	X	X	X	X	X	X
331521	Nonferrous Metal Die-Casting Foundries	0.4	0.0	X	X	X	X	X	X	1.1	1.0	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X	X	0.7	0.7	3.1	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	0.9	0.0	X	X	X	X	X	X	2.2	2.2	22.6	64.2	64.2	X	X	X	X	X	X	X	X	X	0.2	2.4	3.3	0.4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
332	Fabricated Metal Products	14.3	189.3	X	X	X	X	X	X	12.5	14.1	16.0	11.7	11.7	X	X	X	4.1	X	X	X	X	X	12.9	9.0	32.3	11.2	90.1	X	60.1	X	X	X	X	X	X	X	X	X	X	X	X	X
333	Machinery	24.8	17.1	X	X	X	X	X	X	11.2	13.8	20.9	7.7	7.7	X	X	X	13.9	X	X	91.1	X	X	17.6	17.4	4.5	17.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
334	Computer and Electronic Products	4.8	12.5	X	X	X	X	X	X	4.2	4.1	10.8	4.0	4.0	47.0	X	X	4.8	X	X	33.9	X	X	40.3	1.7	6.0	1.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
334413	Semiconductors and Related Devices	2.0	0.0	X	X	X	X	X	X	2.0	1.9	2.1	1.5	1.5	47.0	X	X	0.0	X	X	1.7	X	X	2.8	4.1	5.9	6.2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	17.9	94.0	X	X	X	X	X	X	12.6	13.1	0.0	96.6	96.6	X	X	X	94.0	X	X	65.7	X	X	41.5	38.2	1.9	39.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
336	Transportation Equipment	5.9	46.5	X	X	X	X	X	X	5.6	7.0	18.6	0.6	0.8	0.5	X	X	0.7	X	X	0.0	4.2	X	4.2	2.2	3.0	3.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0
336111	Automobiles	0.0	0.0	X	X	X	X	X	X	0.0	0.0	X	0.0	0.0	X	X	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	X	X	X	X	X	X	X	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
336411	Aircraft Product and Parts	4.5	0.0	X	X	X	X	X	X	4.5	4.4	0.0	0.1	0.1	0.5	X	X	0.1	X	X	X	X	X	1.4	1.0	1.5	0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0
336412	Aircraft	4.5	0.0	X	X	X	X	X	X	4.5	4.4	0.0	0.1	0.1	X	X	X	0.1	X	X	X	X	X	1.4	1.0	1.5	0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0
337	Furniture and Related Products	14.6	X	X	X	X	X	X	X	9.4	10.4	24.0	X	X	X	X	X	X	X	X	X	96.0	X	14.1	10.4	20.4	8.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
339	Miscellaneous	7.6	40.2	X	X	X	X	X	X	4.5	6.9	3.0	7.0	7.0	X	X	X	99.0	X	X	94.6	X	X	11.4	5.4	4.6	9.8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Total	2.4	71.7	X	16.6	0.0	17.1	0.0	99.5	0.0	2.0	2.6	2.4	2.4	2.4	0.6	6.6	X	2.2	2.3	0.0	16.2	0.4	X	5.4	0.7	1.0	0.7	9.3	2.8	10.9	0.0	1.3	26.3	X	9.0	15.7	97.4	6.0	66.9	0.0

(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-generation not located at the establishment site.
(d) Petroleum Refineries include petroleum refineries, asphalt plants, petroleum lubricating oil and grease plants, petroleum refineries-integrated with other types of plants, and petroleum refineries-not integrated with other types of plants, including plants that fractionate raw Natural Gas Liquids (NGLs).
(e) Four components of Biomass are collected: agricultural waste, wood harvested directly from trees, wood residues and byproducts from mill processing, and wood retained and paper retained refuse. The average price of Biomass Total is computed as the sum of the dollar expenditures for these four components divided by the sum of the Btu quantities purchased of those four components. The Biomass Total does not include pulping liquor or black liquor.
(f) The price estimates for coal in NAICS 3313 and 3315 E2 include anthracite coal for the production of carbon anodes. Due to the high cost of transporting anthracite from the East Coast to the South and West, the prices of coal in those regions are relatively high.

* Estimate less than 0.5.
X 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).