

Table 7.3 Average Prices of Purchased Electricity, Natural Gas, and Steam, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: Supplier Sources of Purchased Electricity, Natural Gas, and Steam;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components			RSE Row Factors
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)	Natural Gas Total (1000 cu ft)	Natural Gas from Local Utility(b) (1000 cu ft)	Natural Gas from Sources Other than Local Utility(c) (1000 cu ft)	Steam Total (million Btu)	Steam from Local Utility(b) (million Btu)	Steam from Sources Other than Local Utility(c) (million Btu)	
Total United States											
	RSE Column Factors:	0.9	0.9	1.2	1	1.4	1	1.2	0.6	1.2	
311	Food	W	0.054	W	4.5	4.81	4.27	4.07	3.99	4.12	11.1
311221	Wet Corn Milling	W	0.036	W	3.99	4.51	3.94	3.32	W	W	1.3
31131	Sugar	0.053	0.053	0.052	3.89	3.96	3.86	3.02	0	3.02	0.9
311421	Fruit and Vegetable Canning	0.07	0.07	0.068	4.81	4.6	4.9	5.59	0	5.59	4.6
312	Beverage and Tobacco Products	0.061	0.061	0.053	4.51	4.82	4.3	4.55	0	4.55	2.5
3121	Beverages	0.063	0.065	0.053	4.46	4.76	4.27	4.55	0	4.55	2.9
3122	Tobacco	0.047	0.047	0	5.08	5.31	4.82	0	0	0	1
313	Textile Mills	0.044	0.043	0.05	4.73	4.72	4.76	W	W	4.15	8.4
314	Textile Product Mills	0.054	0.054	0.053	4.58	4.58	4.58	0	0	0	13.9
315	Apparel	0.067	0.067	0.083	5.34	5.41	5.08	0	0	0	20.6
316	Leather and Allied Products	0.068	0.068	0.073	4.7	5.88	4.31	3.51	0	3.51	9
321	Wood Products	0.057	0.057	0.053	4.87	5.12	4.48	3.84	W	W	4.7
321113	Sawmills	0.06	0.06	0.061	4.63	4.71	4.5	4.63	0	4.63	7.4
3212	Veneer, Plywood, and Engineered Woods	0.048	0.048	0.046	4.78	5.03	4.47	3.89	W	W	4.6
3219	Other Wood Products	0.068	0.068	0.071	5.47	5.56	5.05	3.29	0	3.29	10.8
322	Paper	W	0.043	W	4.26	4.6	4.16	4.64	4.04	4.89	3.4
322110	Pulp Mills	W	0.04	W	4	5.13	3.68	5.79	0	5.79	1.1
322121	Paper Mills, except Newsprint	0.04	0.04	0.043	4.26	4.44	4.23	4.93	3.33	4.93	2.7
322122	Newsprint Mills	0.037	W	W	4.03	4.17	3.98	W	W	5.63	1
322130	Paperboard Mills	W	0.04	W	4.11	4.26	4.07	4.17	3.98	4.44	4.7
323	Printing and Related Support	0.067	0.067	0.071	5.12	5.08	5.17	Q	W	W	9.1
324	Petroleum and Coal Products	0.045	0.047	0.039	3.52	3.76	3.49	4.24	7.25	4.09	2.6
324110	Petroleum Refineries	0.043	0.044	0.038	3.44	3.48	3.44	4.24	7.25	4.09	2.8
324199	Other Petroleum and Coal Products	0.052	0.052	0	4.03	4.09	3.96	2.21	0	2.21	1
325	Chemicals	0.04	0.04	0.038	3.46	4.12	3.37	4.05	4.25	4.03	4.9
325110	Petrochemicals	W	0.037	W	3.51	4.59	3.49	W	0	W	0.9
325120	Industrial Gases	W	0.035	W	3.69	3.61	3.71	Q	4.22	Q	8.7
325181	Alkalies and Chlorine	0.03	W	W	3.53	4.13	3.47	W	W	5.9	1.1
325182	Carbon Black	0.046	0.046	0	3.28	3.14	3.52	0	0	0	1
325188	Other Basic Inorganic Chemicals	W	0.029	0.033	4.15	4.27	4.13	5.49	6.53	4.92	4.2
325192	Cyclic Crudes and Intermediates	0.035	W	W	3.86	3.89	3.83	4.44	0	4.44	0.9
325193	Ethyl Alcohol	0.04	0.041	0.031	3.67	3.93	3.55	4.55	5.35	Q	4.1
325199	Other Basic Organic Chemicals	0.038	0.039	W	3.47	3.74	3.45	3.75	W	W	7.6
325211	Plastics Materials and Resins	0.041	0.042	W	2.96	4.28	2.79	4.71	5.13	4.67	4
325212	Synthetic Rubber	0.047	W	W	3.48	3.52	3.48	5.32	0	5.32	4.1
325222	Noncellulosic Organic Fibers	0.038	0.038	0.036	3.86	4.3	3.62	W	0	W	0.9
325311	Nitrogenous Fertilizers	0.041	0.041	0.062	3.13	3.91	3.13	6.12	0	6.12	0.9
325312	Phosphatic Fertilizers	0.044	0.049	0.036	3.44	3.79	3.35	5.98	0	5.98	0.9
3254	Pharmaceuticals and Medicines	0.057	0.056	0.061	4.66	4.67	4.64	5.51	21.32	4.92	6
325412	Pharmaceutical Preparation	0.055	0.054	0.061	4.66	4.68	4.64	5.65	23.31	4.86	7.8
325992	Photographic Film, Paper, Plate, and Chemicals	W	0.056	W	5.24	6.01	4.94	0	0	0	6.8
326	Plastics and Rubber Products	0.056	0.056	0.061	5.12	5.15	5.08	2.91	W	W	11.6
327	Nonmetallic Mineral Products	0.051	0.05	0.059	4.32	4.31	4.32	W	5.16	W	3.8

Table 7.3 Average Prices of Purchased Electricity, Natural Gas, and Steam, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: Supplier Sources of Purchased Electricity, Natural Gas, and Steam;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components			RSE Row Factors
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)	Natural Gas Total (1000 cu ft)	Natural Gas from Local Utility(b) (1000 cu ft)	Natural Gas from Sources Other than Local Utility(c) (1000 cu ft)	Steam Total (million Btu)	Steam from Local Utility(b) (million Btu)	Steam from Sources Other than Local Utility(c) (million Btu)	
3272	Glass and Glass Products	0.048	0.047	0.062	4.25	4.34	4.22	5.3	5.3	0	2.2
327211	Flat Glass	0.046	0.045	0.058	4.14	4.6	4.07	0	0	0	1
327213	Glass Containers	0.05	0.048	0.064	3.96	4.08	3.95	0	0	0	1
327310	Cements	0.044	0.043	0.053	3.99	4.03	3.96	3.28	0	3.28	2
327410	Lime	0.047	0.047	0	3.68	3.57	3.74	0	0	0	1
327993	Mineral Wool	0.043	0.041	0.055	4.04	4.25	3.98	0	0	0	1.4
331	Primary Metals	W	0.037	W	4.19	4.64	4.08	3.79	2.58	3.87	1.5
331111	Iron and Steel Mills	0.035	0.035	0.038	4	4.37	3.93	W	W	W	2
331112	Electrometallurgical Ferroalloy Products	0.032	0.033	W	4.65	5.08	4.63	5.36	0	5.36	1.3
3312	Steel Products from Purchased Steel	0.05	W	W	4.74	4.72	4.76	7.5	7.5	0	4.5
3313	Alumina and Aluminum	W	0.03	W	4.25	5.18	4.08	3.6	2.31	W	1.7
331312	Primary Aluminum	W	0.025	W	3.89	4.34	3.87	W	0	W	1.1
3314	Nonferrous Metals, except Aluminum	W	W	W	4.46	4.36	4.53	6.23	0	6.23	5.9
3315	Foundries	0.049	0.049	0.054	4.76	4.95	4.65	W	W	7.28	4.1
331511	Iron Foundries	0.045	0.045	0.052	4.73	4.61	4.81	7.28	0	7.28	5.4
331521	Aluminum Die-Casting Foundries	0.051	0.05	0.065	4.59	5.21	4.37	0	0	0	3.5
331524	Aluminum Foundries, except Die-Casting	0.053	0.053	0.052	4.72	4.87	4.63	0	0	0	3.8
332	Fabricated Metal Products	0.061	0.06	0.079	5.05	5.18	4.82	W	Q	W	15.8
333	Machinery	0.061	0.061	0.066	5.43	5.76	5.08	6.03	W	W	8.7
334	Computer and Electronic Products	0.063	0.063	0.062	5.62	6.18	4.69	4.02	6.46	3.21	15.6
334413	Semiconductors and Related Devices	0.054	0.054	0.055	5.32	5.61	4.88	Q	11.77	Q	3.9
335	Electrical Equip., Appliances, and Components	W	0.056	W	5.04	5.28	4.78	4.74	5.58	3.2	8
336	Transportation Equipment	W	0.051	W	4.38	4.37	4.38	6.25	W	W	5.8
336112	Light Trucks and Utility Vehicles	0.043	0.043	0	4.31	W	W	8.71	0	8.71	1
337	Furniture and Related Products	0.07	0.071	0.058	5.29	5.3	5.27	1.95	0	1.95	12.9
339	Miscellaneous	0.071	0.072	0.065	5.2	5.21	5.17	4.75	W	W	10.2
	Total	0.048	0.049	0.043	4.01	4.68	3.79	4.17	4.42	4.14	3.6
Northeast Census Region											
	RSE Column Factors:	1.3	1.4	1.5	1.2	2	1	0.6	0.4	0.5	
311	Food	0.074	0.074	0.081	5.05	5.41	4.78	Q	Q	Q	11.2
311221	Wet Corn Milling	W	W	0	0	0	0	0	0	0	0.7
31131	Sugar	W	W	0	W	3.39	W	0	0	0	0.7
311421	Fruit and Vegetable Canning	0.07	0.072	0.049	4.75	4.86	4.64	3.78	0	3.78	4
312	Beverage and Tobacco Products	W	W	W	5.2	5.64	5.06	W	0	W	4.3
3121	Beverages	0.07	0.071	W	W	W	5.04	W	0	W	4.4
3122	Tobacco	0.072	0.072	0	5.02	4.45	5.93	0	0	0	0.7
313	Textile Mills	0.076	0.074	0.084	4.09	3.31	5.45	0	0	0	15.4
314	Textile Product Mills	0.069	0.067	0.102	5.63	4.94	6.86	0	0	0	7.3
315	Apparel	0.075	0.075	Q	4.2	4.1	Q	0	0	0	22
316	Leather and Allied Products	0.094	0.094	Q	6.07	6.59	5.86	0	0	0	14
321	Wood Products	0.083	0.085	0.073	5.21	5.7	4.79	Q	0	Q	6.2
321113	Sawmills	0.089	0.088	0.118	4.97	5.32	4.25	0	0	0	11.2
3212	Veneer, Plywood, and Engineered Woods	0.062	W	W	5.02	6.32	4.44	0	0	0	6.4
3219	Other Wood Products	0.089	W	W	5.51	5.55	5.44	Q	0	Q	8.1

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NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components			RSE Row Factors
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)	Natural Gas Total (1000 cu ft)	Natural Gas from Local Utility(b) (1000 cu ft)	Natural Gas from Sources Other than Local Utility(c) (1000 cu ft)	Steam Total (million Btu)	Steam from Local Utility(b) (million Btu)	Steam from Sources Other than Local Utility(c) (million Btu)	
322	Paper	W	0.06	W	4.71	5.53	4.51	4.61	8.67	4.53	4.9
322110	Pulp Mills	W	0	W	4.99	6.62	4.82	0	0	0	2.1
322121	Paper Mills, except Newsprint	W	0.054	W	4.38	4.69	4.35	4.53	0	4.53	3.2
322122	Newsprint Mills	0.068	0.068	0	0	0	0	0	0	0	0.7
322130	Paperboard Mills	0.059	0.067	0.045	4.75	4.92	4.69	5.16	8.67	4.5	3.6
323	Printing and Related Support	0.08	0.08	0.074	4.86	4.4	5.5	0	0	0	13.1
324	Petroleum and Coal Products	0.058	0.057	0.084	4.31	5	4.24	3.46	0	3.46	2.8
324110	Petroleum Refineries	0.053	W	W	4.09	4.75	4.06	3.45	0	3.45	1.2
324199	Other Petroleum and Coal Products	0.047	0.047	0	5.06	5.66	4.59	0	0	0	0.7
325	Chemicals	0.057	0.059	0.05	4.99	4.93	5.04	4.98	7.57	4.81	4.8
325110	Petrochemicals	W	W	0	W	10	0	0	0	0	1.2
325120	Industrial Gases	W	0.031	W	5.16	5.06	21.13	W	0	W	1.1
325181	Alkalies and Chlorine	W	W	W	W	2.75	4.86	W	0	W	0.9
325182	Carbon Black	0	0	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	W	W	0.061	5.07	5.62	4.92	Q	W	W	2.5
325192	Cyclic Crudes and Intermediates	0.051	W	W	5.23	5.05	W	W	0	W	0.9
325193	Ethyl Alcohol	0.109	0.109	0	1.08	1.08	0	0	0	0	0.7
325199	Other Basic Organic Chemicals	0.067	0.069	0.064	W	4.9	W	3.89	0	3.89	4.7
325211	Plastics Materials and Resins	W	0.066	W	4.71	4.41	4.88	4.49	W	4.46	14.1
325212	Synthetic Rubber	0.064	0.064	0	6.11	7.09	0	6.57	0	6.57	0.9
325222	Noncellulosic Organic Fibers	W	0.086	0.05	9.43	9.43	0	0	0	0	2.9
325311	Nitrogenous Fertilizers	0.057	0.044	0.084	6.22	0	6.22	0	0	0	0.8
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	0.074	0.075	0.069	4.53	4.44	4.68	W	23.31	7.67	4.4
325412	Pharmaceutical Preparation	0.075	0.077	0.065	4.51	4.43	4.61	9.85	23.31	W	5.1
325992	Photographic Film, Paper, Plate, and Chemicals	W	W	0	5.76	6.75	5.67	0	0	0	15.4
326	Plastics and Rubber Products	0.071	0.071	0.066	5.73	5.95	5.59	W	0	W	5.6
327	Nonmetallic Mineral Products	0.061	0.059	0.072	4.89	4.6	4.96	W	0	W	6.3
3272	Glass and Glass Products	W	0.049	W	4.48	4	4.59	0	0	0	3
327211	Flat Glass	W	W	0.059	4.52	0	4.52	0	0	0	0.8
327213	Glass Containers	W	0.049	W	4.14	3.81	4.37	0	0	0	0.7
327310	Cements	W	0.047	W	5.58	5.15	6.36	0	0	0	0.7
327410	Lime	W	W	0	5.44	6.53	5.37	0	0	0	0.7
327993	Mineral Wool	0.045	0.045	0.045	4.61	6.93	4.35	0	0	0	3.3
331	Primary Metals	0.04	0.05	0.024	4.76	4.66	4.81	3.8	W	3.65	1.7
331111	Iron and Steel Mills	0.045	0.044	0.049	4.5	4.48	4.51	W	W	0	2.5
331112	Electrometallurgical Ferroalloy Products	W	W	0	W	6.94	4.89	0	0	0	0.7
3312	Steel Products from Purchased Steel	W	0.064	W	W	W	W	0	0	0	6.6
3313	Alumina and Aluminum	W	W	W	4.76	4.95	4.75	0	0	0	2
331312	Primary Aluminum	W	0.09	W	W	6.26	W	0	0	0	0.7
3314	Nonferrous Metals, except Aluminum	W	W	W	5.22	5.13	5.25	3.65	0	3.65	4.1
3315	Foundries	W	0.06	W	5.44	5.28	5.51	0	0	0	1.9
331511	Iron Foundries	0.057	0.057	0.064	5.5	6.53	5.45	0	0	0	1.4
331521	Aluminum Die-Casting Foundries	0.084	0.084	0	5.43	3.88	5.66	0	0	0	5.6
331524	Aluminum Foundries, except Die-Casting	0.045	0.045	0.055	4.79	4.49	5.48	0	0	0	1.1
332	Fabricated Metal Products	0.083	0.082	0.091	6	7.06	4.97	W	0	W	13.9
333	Machinery	0.072	0.072	0.069	5.88	6.69	5.28	3.33	0	3.33	7

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NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components			RSE Row Factors
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)	Natural Gas Total (1000 cu ft)	Natural Gas from Local Utility(b) (1000 cu ft)	Natural Gas from Sources Other than Local Utility(c) (1000 cu ft)	Steam Total (million Btu)	Steam from Local Utility(b) (million Btu)	Steam from Sources Other than Local Utility(c) (million Btu)	
334	Computer and Electronic Products	0.07	0.071	0.064	6.58	7.71	5.02	Q	W	W	14.3
334413	Semiconductors and Related Devices	0.059	0.059	0.061	5.61	6.07	5.29	Q	11.77	Q	2.2
335	Electrical Equip., Appliances, and Components	W	0.075	W	5.03	4.38	5.44	2.77	0	2.77	22.5
336	Transportation Equipment	0.063	0.068	0.047	3.98	3.21	5.05	W	0	W	4.8
336112	Light Trucks and Utility Vehicles	W	W	0	W	7.71	W	W	0	W	0.9
337	Furniture and Related Products	0.089	W	W	6.06	5.8	6.6	Q	0	Q	11.9
339	Miscellaneous	0.084	0.085	0.071	5.88	6.39	5.03	4.75	W	W	15.1
	Total	0.064	0.067	0.05	4.98	5.23	4.83	4.66	8.07	4.53	4.8
Midwest Census Region											
	RSE Column Factors:	1	1	1.2	1.1	1.6	1	0.9	0.8	0.7	
311	Food	W	0.045	W	4.22	4.45	4.09	3.81	3.8	Q	12.1
311221	Wet Corn Milling	0.036	W	W	3.95	4.2	3.93	W	W	0	1
31131	Sugar	0.043	0.043	0	4.27	4.21	4.29	0	0	0	0.9
311421	Fruit and Vegetable Canning	0.06	0.06	0.055	4.62	4.54	4.72	6.44	0	6.44	2.2
312	Beverage and Tobacco Products	0.05	W	W	4.29	4.72	4.1	0	0	0	9.1
3121	Beverages	0.05	W	W	W	W	4.1	0	0	0	9.2
3122	Tobacco	W	W	0	W	W	0	0	0	0	0.9
313	Textile Mills	0.061	0.061	0	5.02	4.42	5.3	0	0	0	11.8
314	Textile Product Mills	0.056	0.055	0.067	6.31	6.52	5.12	0	0	0	18.8
315	Apparel	0.068	0.068	0.065	6.27	6.9	5.52	0	0	0	17.2
316	Leather and Allied Products	0.057	0.057	0.063	4.12	5.66	3.84	3.51	0	3.51	12.1
321	Wood Products	0.056	0.056	0.056	4.7	4.81	4.45	3.91	0	3.91	7.4
321113	Sawmills	0.066	W	W	4.48	4.26	4.91	5.14	0	5.14	7.1
3212	Veneer, Plywood, and Engineered Woods	0.047	W	W	4.41	4.49	4.29	1.57	0	1.57	6.4
3219	Other Wood Products	0.06	0.06	Q	5.1	5.18	4.76	4.47	0	4.47	13.9
322	Paper	W	0.043	W	4.31	4.4	4.27	W	W	4.11	6.8
322110	Pulp Mills	W	W	0	W	W	5.45	5.79	0	5.79	1
322121	Paper Mills, except Newsprint	W	0.039	W	4.36	4.41	4.34	4.09	3.33	4.1	4.1
322122	Newsprint Mills	W	W	0	W	6.7	4.82	W	W	0	1
322130	Paperboard Mills	0.043	0.043	0.042	4.12	4.63	4	W	W	3.09	2.9
323	Printing and Related Support	0.058	0.058	0.058	5.21	5.72	4.84	W	0	W	11.7
324	Petroleum and Coal Products	0.037	0.036	0.051	3.88	4	3.85	W	W	2.94	3.7
324110	Petroleum Refineries	0.034	W	W	3.81	3.92	3.8	W	W	2.87	2.1
324199	Other Petroleum and Coal Products	0.057	0.057	0	4.33	4.25	4.58	2.21	0	2.21	1
325	Chemicals	0.04	0.041	0.036	3.91	4.31	3.81	Q	5.76	Q	2.9
325110	Petrochemicals	W	0.041	W	W	0	W	0	0	0	1
325120	Industrial Gases	W	0.033	W	W	3.84	W	Q	4.22	Q	1.9
325181	Alkalies and Chlorine	0.041	0.04	Q	4.59	5.12	4.47	8.03	8.03	0	5.1
325182	Carbon Black	W	W	0	W	7.51	W	0	0	0	0.9
325188	Other Basic Inorganic Chemicals	0.039	0.04	0.032	4.14	4.19	4.12	4.68	4.06	4.72	4.9
325192	Cyclic Crudes and Intermediates	0.034	0.034	0	4.28	3.77	W	0	0	0	0.9
325193	Ethyl Alcohol	W	W	0.031	3.71	W	W	4.62	5.81	Q	4.1
325199	Other Basic Organic Chemicals	0.037	0.041	0.032	4.4	4.32	4.42	4.07	W	W	3.3
325211	Plastics Materials and Resins	0.037	0.036	0.039	4.23	4.32	4.14	5.3	5.23	5.31	2.8

Table 7.3 Average Prices of Purchased Electricity, Natural Gas, and Steam, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: Supplier Sources of Purchased Electricity, Natural Gas, and Steam;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components			RSE Row Factors
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)	Natural Gas Total (1000 cu ft)	Natural Gas from Local Utility(b) (1000 cu ft)	Natural Gas from Sources Other than Local Utility(c) (1000 cu ft)	Steam Total (million Btu)	Steam from Local Utility(b) (million Btu)	Steam from Sources Other than Local Utility(c) (million Btu)	
325212	Synthetic Rubber	W	W	0	4.34	7.82	4.22	0	0	0	3.7
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	0.036	0.036	0.043	3.46	3.62	3.46	W	0	W	1
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	0.042	0.042	0.044	4.46	4.82	4.27	5.38	0	5.38	3.7
325412	Pharmaceutical Preparation	0.041	0.041	0.043	4.59	4.73	4.49	0	0	0	3.7
325992	Photographic Film, Paper, Plate, and Chemicals	W	0.055	0.052	4.57	4.61	4.27	0	0	0	3.4
326	Plastics and Rubber Products	0.053	0.053	0.058	5.11	5.1	5.12	3.08	3.08	0	16.4
327	Nonmetallic Mineral Products	0.046	0.046	0.045	4.15	4.18	4.14	0	0	0	4.8
3272	Glass and Glass Products	0.044	0.043	0.048	4.08	4.19	4.07	0	0	0	3.6
327211	Flat Glass	W	W	0	3.69	W	W	0	0	0	0.9
327213	Glass Containers	W	0.039	W	3.96	8.95	3.93	0	0	0	0.9
327310	Cements	0.038	0.037	0.043	4.07	4.67	3.93	0	0	0	1.9
327410	Lime	0.056	0.056	0	3.68	3.71	3.67	0	0	0	0.9
327993	Mineral Wool	0.038	0.038	0	4.02	4.43	3.94	0	0	0	1
331	Primary Metals	W	0.038	W	4.07	4.75	3.98	3.83	W	W	2
331111	Iron and Steel Mills	0.034	0.035	0.031	3.84	4.31	3.82	3.86	0	3.86	3
331112	Electrometallurgical Ferroalloy Products	0.034	0.034	0	4.66	6.57	W	5.36	0	5.36	1
3312	Steel Products from Purchased Steel	0.05	W	W	4.55	4.54	4.55	0	0	0	5
3313	Alumina and Aluminum	W	0.027	W	4.39	4.84	4.28	2.31	2.31	0	2.2
331312	Primary Aluminum	W	W	W	4.03	5.78	4.02	0	0	0	0.9
3314	Nonferrous Metals, except Aluminum	W	0.042	W	4.65	W	W	7.91	0	7.91	3.1
3315	Foundries	0.047	0.047	0.052	4.67	5.02	4.55	W	W	7.28	4.6
331511	Iron Foundries	0.043	0.043	0.049	4.79	5	4.7	7.28	0	7.28	6.9
331521	Aluminum Die-Casting Foundries	0.047	0.047	0.052	4.37	4.85	4.25	0	0	0	2.8
331524	Aluminum Foundries, except Die-Casting	0.054	0.054	0.05	4.71	4.54	4.76	0	0	0	4.8
332	Fabricated Metal Products	0.051	0.05	0.068	4.81	4.92	4.64	Q	0	Q	26.8
333	Machinery	0.054	0.054	0.055	5.19	5.36	5.08	6.04	W	W	11.4
334	Computer and Electronic Products	0.048	0.048	0.046	4.96	5.16	4.53	W	0	W	6.2
334413	Semiconductors and Related Devices	0.041	0.041	0	3.37	2.43	4.34	0	0	0	2.3
335	Electrical Equip., Appliances, and Components	0.051	0.05	0.061	4.96	5.45	4.61	W	4.54	7.13	4.7
336	Transportation Equipment	W	0.045	W	4.16	4.04	4.24	6.36	W	W	9.2
336112	Light Trucks and Utility Vehicles	W	W	0	4.36	4.68	4.16	4.36	0	4.36	1
337	Furniture and Related Products	0.063	W	W	5.31	5.93	4.84	0	0	0	10.6
339	Miscellaneous	0.06	0.061	Q	5.3	5.11	5.75	0	0	0	12.5
	Total	0.045	0.046	0.041	4.25	4.6	4.1	3.7	4.22	3.53	7.7
South Census Region											
	RSE Column Factors:	1.1	1.1	1.3	1.1	1.6	1	1	0.3	1	
311	Food	0.049	0.049	Q	4.49	4.88	4.02	W	0	W	13.8
311221	Wet Corn Milling	W	W	0	4.04	W	W	W	0	W	0.9
31131	Sugar	0.065	0.065	0.052	W	W	3.81	0	0	0	0.8
311421	Fruit and Vegetable Canning	0.055	0.055	0	4.57	4.69	4.49	0	0	0	9.3
312	Beverage and Tobacco Products	0.05	0.05	0.056	4.35	4.35	4.35	0	0	0	3.8
3121	Beverages	0.053	0.053	0.056	4.18	4.12	4.25	0	0	0	5

Table 7.3 Average Prices of Purchased Electricity, Natural Gas, and Steam, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: Supplier Sources of Purchased Electricity, Natural Gas, and Steam;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components			RSE Row Factors
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)	Natural Gas Total (1000 cu ft)	Natural Gas from Local Utility(b) (1000 cu ft)	Natural Gas from Sources Other than Local Utility(c) (1000 cu ft)	Steam Total (million Btu)	Steam from Local Utility(b) (million Btu)	Steam from Sources Other than Local Utility(c) (million Btu)	
3122	Tobacco	0.047	0.047	0	5.09	5.4	4.75	0	0	0	0.8
313	Textile Mills	0.041	0.041	0.04	5.08	5.41	4.53	4.25	W	4.15	9.1
314	Textile Product Mills	0.05	0.05	0.046	4.34	4.27	4.41	0	0	0	14.2
315	Apparel	0.057	0.056	Q	4.63	4.99	3.92	0	0	0	18.3
316	Leather and Allied Products	0.071	0.071	0	6.18	6.45	5.61	0	0	0	9.3
321	Wood Products	W	0.054	W	4.72	4.99	4.24	3.3	0	3.3	8.9
321113	Sawmills	W	0.059	W	3.92	4.16	3.67	3.83	0	3.83	9.5
3212	Veneer, Plywood, and Engineered Woods	0.047	0.047	0.04	4.82	5.01	4.5	4.71	0	4.71	8.6
3219	Other Wood Products	0.065	0.065	Q	5.46	5.46	5.29	Q	0	Q	6.2
322	Paper	W	0.038	W	4.05	4.37	3.94	4.95	Q	5.43	3.3
322110	Pulp Mills	W	W	0	3.84	4.5	3.73	0	0	0	0.8
322121	Paper Mills, except Newsprint	W	0.034	W	4.07	4.37	3.99	9.94	0	9.94	3.3
322122	Newsprint Mills	0.031	W	W	3.88	W	W	W	0	W	0.9
322130	Paperboard Mills	W	0.037	W	3.91	3.96	3.89	W	W	W	4.1
323	Printing and Related Support	0.058	0.058	0.076	5.53	5.69	5.19	W	W	0	7
324	Petroleum and Coal Products	0.04	0.041	0.037	3.48	3.69	3.46	4.31	W	W	2.7
324110	Petroleum Refineries	0.039	0.04	0.036	3.44	3.42	3.44	4.31	W	W	2.7
324199	Other Petroleum and Coal Products	0.044	0.044	0	4.17	4.29	4.09	0	0	0	1.1
325	Chemicals	0.037	0.037	0.036	3.39	3.87	3.34	4.28	3.79	4.34	4.3
325110	Petrochemicals	W	W	0.037	3.5	W	W	W	0	W	0.9
325120	Industrial Gases	W	0.036	W	3.74	3.41	3.83	W	0	W	4.7
325181	Alkalies and Chlorine	0.031	W	W	W	4.36	W	W	W	0	1
325182	Carbon Black	W	W	0	W	3.14	W	0	0	0	0.8
325188	Other Basic Inorganic Chemicals	W	0.028	W	4.03	3.86	4.06	7.11	W	6.44	4.7
325192	Cyclic Crudes and Intermediates	0.033	0.041	W	3.58	3.52	3.62	W	0	W	0.9
325193	Ethyl Alcohol	0.041	0.041	0	3.79	3.79	0	0	0	0	0.8
325199	Other Basic Organic Chemicals	W	0.037	W	3.42	3.64	3.4	3.64	W	3.7	9.4
325211	Plastics Materials and Resins	W	0.042	W	2.83	4.21	2.72	4.58	W	4.53	4.8
325212	Synthetic Rubber	W	0.043	W	3.45	3.49	3.44	5.29	0	5.29	4
325222	Noncellulosic Organic Fibers	W	0.038	W	3.85	4.29	3.62	W	0	W	0.9
325311	Nitrogenous Fertilizers	0.039	0.039	0.038	3.33	3.91	3.33	5.95	0	5.95	0.9
325312	Phosphatic Fertilizers	0.046	0.055	0.036	3.52	W	W	5.98	0	5.98	0.9
3254	Pharmaceuticals and Medicines	0.047	0.048	0.043	4.88	5.08	4.51	W	7.24	4.07	7.4
325412	Pharmaceutical Preparation	0.047	0.047	0.044	4.76	4.99	4.29	4.27	0	4.27	11.8
325992	Photographic Film, Paper, Plate, and Chemicals	W	0.053	0.067	5.55	6.24	4.52	0	0	0	5.4
326	Plastics and Rubber Products	0.046	0.046	0.055	4.95	4.97	4.9	W	W	W	14
327	Nonmetallic Mineral Products	0.044	0.044	0.048	4.2	4.33	4.09	3.41	5.16	3.28	4.1
3272	Glass and Glass Products	0.042	0.042	0.043	4.27	4.46	4.18	5.3	5.3	0	3.1
327211	Flat Glass	0.037	0.037	0	4.27	W	W	0	0	0	0.8
327213	Glass Containers	0.042	0.042	0.047	3.98	5.4	3.88	0	0	0	0.8
327310	Cements	0.039	0.039	0.041	3.92	4.22	3.55	3.28	0	3.28	3.3
327410	Lime	0.039	0.039	0	W	W	3.8	0	0	0	0.8
327993	Mineral Wool	0.041	0.04	0.045	4	4.13	3.96	0	0	0	1.5
331	Primary Metals	W	0.032	W	4.13	4.68	3.91	W	7.5	W	1.7
331111	Iron and Steel Mills	0.033	0.033	0.038	3.96	4.32	3.82	0	0	0	1.3
331112	Electrometallurgical Ferroalloy Products	W	W	W	W	4.37	Q	0	0	0	4.2
3312	Steel Products from Purchased Steel	0.041	W	0.044	4.85	4.86	4.82	7.5	7.5	0	7.1

Table 7.3 Average Prices of Purchased Electricity, Natural Gas, and Steam, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: Supplier Sources of Purchased Electricity, Natural Gas, and Steam;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components			RSE Row Factors
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)	Natural Gas Total (1000 cu ft)	Natural Gas from Local Utility(b) (1000 cu ft)	Natural Gas from Sources Other than Local Utility(c) (1000 cu ft)	Steam Total (million Btu)	Steam from Local Utility(b) (million Btu)	Steam from Sources Other than Local Utility(c) (million Btu)	
3313	Alumina and Aluminum	W	0.028	W	4.16	5.44	3.94	W	0	W	1.9
331312	Primary Aluminum	0.025	0.025	W	W	W	3.75	W	0	W	0.9
3314	Nonferrous Metals, except Aluminum	0.037	0.04	0.028	4.44	4.99	4.03	0	0	0	5.4
3315	Foundries	0.042	0.041	0.053	4.57	4.67	4.36	0	0	0	2.5
331511	Iron Foundries	0.045	0.044	Q	4.33	4.27	4.87	0	0	0	1.8
331521	Aluminum Die-Casting Foundries	0.05	0.05	0.074	5.11	5.74	4.5	0	0	0	4.3
331524	Aluminum Foundries, except Die-Casting	0.044	0.044	Q	4.42	5.41	3.88	0	0	0	2.3
332	Fabricated Metal Products	0.055	0.055	Q	4.83	4.78	4.95	0	0	0	13.5
333	Machinery	0.055	0.055	Q	5.78	6	4.58	Q	0	Q	11.8
334	Computer and Electronic Products	0.048	0.049	0.041	5.45	5.88	4.74	6.11	6.11	0	4.9
334413	Semiconductors and Related Devices	0.044	0.045	0.04	5.11	5.68	4.6	0	0	0	2.4
335	Electrical Equip., Appliances, and Components	0.049	0.048	0.051	5.02	5.46	4.53	0	0	0	9.6
336	Transportation Equipment	0.047	0.047	Q	4.81	5.03	4.55	W	0	W	3.2
336112	Light Trucks and Utility Vehicles	0.04	0.04	Q	W	W	W	W	0	W	0.9
337	Furniture and Related Products	0.061	0.061	Q	4.86	4.7	Q	1.92	0	1.92	18.1
339	Miscellaneous	0.054	0.054	0.059	4.84	4.81	5.6	0	0	0	11.1
	Total	0.041	0.042	0.037	3.75	4.53	3.54	4.27	4.39	4.26	3
West Census Region											
	RSE Column Factors:	1.1	1.3	0.7	1.2	1.5	0.9	0.9	0.6	1	
311	Food	W	0.079	W	4.87	5.16	4.73	W	0	W	14.8
311221	Wet Corn Milling	W	W	0	4.54	4.97	W	0	0	0	4.8
31131	Sugar	0.06	0.06	0	3.14	W	2.97	3.02	0	3.02	0.9
311421	Fruit and Vegetable Canning	0.087	0.087	0.093	5.02	4.41	5.14	0	0	0	12.6
312	Beverage and Tobacco Products	W	W	W	4.51	6.27	3.84	W	0	W	3.2
3121	Beverages	W	W	W	4.51	6.27	3.84	W	0	W	3.2
3122	Tobacco	0.103	0.103	0	0	0	0	0	0	0	0.8
313	Textile Mills	0.067	0.066	0.095	Q	Q	5.05	4.49	4.49	0	6
314	Textile Product Mills	0.105	0.105	0.105	5.71	6.19	4.83	0	0	0	7.6
315	Apparel	0.085	0.085	0	Q	Q	Q	0	0	0	28.4
316	Leather and Allied Products	0.112	0.112	0	Q	Q	0	0	0	0	29.2
321	Wood Products	W	0.058	W	5.19	5.59	4.72	4.29	W	W	5.6
321113	Sawmills	W	W	W	5.04	4.98	5.15	5.38	0	5.38	5.7
3212	Veneer, Plywood, and Engineered Woods	0.05	0.051	0.048	4.94	5.71	4.54	4.05	W	W	3.8
3219	Other Wood Products	0.077	W	W	6.6	6.87	4.96	Q	0	Q	10
322	Paper	W	0.045	W	4.44	5.15	4.32	W	W	5.47	3.8
322110	Pulp Mills	W	W	0.041	W	W	3.17	0	0	0	0.9
322121	Paper Mills, except Newsprint	0.039	0.042	0.031	4.44	4.9	4.41	4.9	0	4.9	2.3
322122	Newsprint Mills	0.039	0.039	0	4.29	5.35	4.13	5.81	0	5.81	0.9
322130	Paperboard Mills	W	0.041	W	4.39	5.18	4.31	W	W	0	1.4
323	Printing and Related Support	0.089	0.088	0.132	4.75	4.42	5.74	0	0	0	19.1
324	Petroleum and Coal Products	0.065	0.073	0.043	3.27	3.51	3.23	W	0	W	5
324110	Petroleum Refineries	0.062	0.069	0.042	3.18	3.36	3.16	W	0	W	5
324199	Other Petroleum and Coal Products	0.1	0.1	0	3.66	3.68	3.64	0	0	0	0.8
325	Chemicals	0.047	0.046	0.053	2.64	4.15	2.33	4.09	4.35	3.97	2.6

Table 7.3 Average Prices of Purchased Electricity, Natural Gas, and Steam, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: Supplier Sources of Purchased Electricity, Natural Gas, and Steam;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components			RSE Row Factors
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)	Natural Gas Total (1000 cu ft)	Natural Gas from Local Utility(b) (1000 cu ft)	Natural Gas from Sources Other than Local Utility(c) (1000 cu ft)	Steam Total (million Btu)	Steam from Local Utility(b) (million Btu)	Steam from Sources Other than Local Utility(c) (million Btu)	
325110	Petrochemicals	0	0	0	0	0	0	0	0	0	0
325120	Industrial Gases	0.042	0.042	0.045	3.3	3.58	3.21	0	0	0	2
325181	Alkalies and Chlorine	W	W	0	W	4.09	W	2.16	0	2.16	0.9
325182	Carbon Black	W	W	0	W	W	0	0	0	0	0.8
325188	Other Basic Inorganic Chemicals	0.029	W	W	4.08	4.49	4.01	4.86	W	W	2.8
325192	Cyclic Crudes and Intermediates	W	W	0	4.37	3.74	0	0	0	0	0.8
325193	Ethyl Alcohol	W	W	0	3	W	W	W	W	0	1
325199	Other Basic Organic Chemicals	0.039	0.04	0.037	W	6.08	W	6.12	0	6.12	3.6
325211	Plastics Materials and Resins	W	0.069	W	4.98	5.69	4.37	0	0	0	8.7
325212	Synthetic Rubber	0.162	0.162	0	1.58	1.58	0	0	0	0	0.8
325222	Noncellulosic Organic Fibers	0.116	0.116	0	0	0	0	0	0	0	0.8
325311	Nitrogenous Fertilizers	0.059	0.057	0.125	1.57	6.63	1.57	0	0	0	0.9
325312	Phosphatic Fertilizers	0.041	0.041	0	3.13	W	W	0	0	0	0.8
3254	Pharmaceuticals and Medicines	0.086	0.087	0.079	5.7	5.06	6.38	0	0	0	2.6
325412	Pharmaceutical Preparation	0.079	0.081	0.076	5.98	5.73	6.41	0	0	0	2.7
325992	Photographic Film, Paper, Plate, and Chemicals	W	W	0	4.2	5.89	4.01	0	0	0	0.8
326	Plastics and Rubber Products	0.095	0.096	0.077	5.29	5.75	4.67	0	0	0	12.6
327	Nonmetallic Mineral Products	0.067	0.069	0.063	4.37	4.17	4.41	0	0	0	4.5
3272	Glass and Glass Products	W	0.071	W	4.19	4.42	4.17	0	0	0	1.6
327211	Flat Glass	W	0.085	W	4.4	5.28	4.39	0	0	0	0.9
327213	Glass Containers	W	W	W	3.77	3.09	3.82	0	0	0	0.9
327310	Cements	W	0.058	W	3.98	3.01	4.53	0	0	0	1
327410	Lime	W	W	0	W	W	0	0	0	0	0.8
327993	Mineral Wool	0.06	0.058	0.062	3.77	3.39	3.91	0	0	0	1.4
331	Primary Metals	W	0.049	W	4.66	3.82	4.97	W	0	W	2.5
331111	Iron and Steel Mills	0.042	0.038	0.049	5.3	5.05	5.31	W	0	W	1.3
331112	Electrometallurgical Ferroalloy Products	W	W	0	W	4.95	4.64	0	0	0	0.8
3312	Steel Products from Purchased Steel	0.091	W	W	W	6.19	W	0	0	0	6.3
3313	Alumina and Aluminum	W	W	0.03	3.96	4.36	3.89	0	0	0	2.5
331312	Primary Aluminum	W	W	0.029	W	Q	W	0	0	0	1.5
3314	Nonferrous Metals, except Aluminum	W	0.041	W	3.36	W	W	7.53	0	7.53	8.2
3315	Foundries	W	0.091	W	5.49	5.9	5.09	0	0	0	1.9
331511	Iron Foundries	0.085	0.085	0.09	4.74	6.18	4.35	0	0	0	1.3
331521	Aluminum Die-Casting Foundries	0.127	0.126	0.14	6.62	5.88	7.1	0	0	0	4.8
331524	Aluminum Foundries, except Die-Casting	0.107	0.107	0	5.64	5.96	4.87	0	0	0	4.1
332	Fabricated Metal Products	0.097	0.097	0.099	5.82	6.04	5.38	Q	Q	0	12
333	Machinery	0.097	0.097	0.096	5.35	5.51	5.06	0	0	0	14.3
334	Computer and Electronic Products	0.073	0.073	0.074	5.21	5.66	4.4	Q	Q	0	10.7
334413	Semiconductors and Related Devices	0.059	0.059	0.062	5.44	5.69	4.75	0	0	0	6.3
335	Electrical Equip., Appliances, and Components	0.096	0.095	0.123	Q	Q	5.07	6.35	7.81	3.37	4.8
336	Transportation Equipment	0.087	0.089	0.075	5.15	6.24	4.47	0	0	0	11
336112	Light Trucks and Utility Vehicles	W	W	0	7.91	7.91	0	0	0	0	0.8
337	Furniture and Related Products	0.107	W	W	5.66	5.4	9.78	0	0	0	8.6
339	Miscellaneous	0.097	0.098	0.088	4.24	4.37	3.67	0	0	0	18.1
	Total	0.066	0.069	0.052	4.03	4.82	3.75	4.48	4.39	4.48	4.6

Table 7.3 Average Prices of Purchased Electricity, Natural Gas, and Steam, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: Supplier Sources of Purchased Electricity, Natural Gas, and Steam;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components			RSE Row Factors
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)	Natural Gas Total (1000 cu ft)	Natural Gas from Local Utility(b) (1000 cu ft)	Natural Gas from Sources Other than Local Utility(c) (1000 cu ft)	Steam Total (million Btu)	Steam from Local Utility(b) (million Btu)	Steam from Sources Other than Local Utility(c) (million Btu)	

(a) The Bureau of the Census classifies establishments using the 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 cogenerators not located at the establishment site.

NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

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

NA=Not available.

-- Estimation is not applicable.

Notes: To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. Totals may not equal sum of components because of independent rounding.

Purchased energy sources exclude quantities delivered from any other establishment(s) in the company, quantities transferred from other establishments of the company for which payment was not made, quantities purchased centrally within the company but separate from the reporting establishment, and quantities for which payment was made in-kind.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2002 Manufacturing Energy Consumption Survey.'