

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	TOTAL (million Btu)	Acetylene (cu ft)	Breeze (short tons)	Coal Total (short tons)	Coal Components			Coke	
						Anthracite (short tons)	Bituminous and Subbituminous Coal (short tons)	Lignite (short tons)	Coal Coke (short tons)	Petroleum Coke (gallons)
Total United States										
	RSE Column Factors:	1.1	2.1	0.6	1	0.6	0.9	1.4	0.7	0.9
311	Food	6.42	0.17	0	32.31	W	32.28	0	128.39	0
311221	Wet Corn Milling	3.11	0.16	0	29.3	0	29.3	0	0	0
31131	Sugar	3.14	0.12	0	36.51	W	36.4	0	128.39	0
311421	Fruit and Vegetable Canning	7.09	0.15	0	0	0	0	0	0	0
312	Beverage and Tobacco Products	7.53	0.19	0	51.41	0	51.41	0	0	0
3121	Beverages	7.96	0.19	0	46.52	0	46.52	0	0	0
3122	Tobacco	5.75	0.17	0	55.29	0	55.29	0	0	0
313	Textile Mills	7.73	0.18	0	50.42	0	50.42	0	0	0
314	Textile Product Mills	7.38	Q	0	W	W	Q	0	0	0
315	Apparel	11.16	0.29	0	0	0	0	0	0	0
316	Leather and Allied Products	9.66	0.17	0	0	0	0	0	0	0
321	Wood Products	3.95	0.15	0	W	0	W	0	W	0
321113	Sawmills	6.22	0.15	0	0	0	0	0	0	0
3212	Veneer, Plywood, and Engineered Woods	2.36	0.14	0	W	0	W	0	W	0
3219	Other Wood Products	11.25	0.17	0	0	0	0	0	0	0
322	Paper	4.78	0.12	0	43.68	W	43.44	0	W	0.21
322110	Pulp Mills	3.88	W	0	0	0	W	0	0	W
322121	Paper Mills, except Newsprint	4.33	Q	0	42.35	0	42.35	0	W	0.21
322122	Newsprint Mills	6.49	0.12	0	45	0	45	0	0	0
322130	Paperboard Mills	4.11	0.13	0	46.61	W	46.09	0	0	W
323	Printing and Related Support	12.54	0.24	0	0	0	0	0	0	0
324	Petroleum and Coal Products	3.97	Q	W	Q	W	Q	0	W	0.33
324110	Petroleum Refineries	4.59	W	0	W	0	W	0	0	0
324199	Other Petroleum and Coal Products	1.9	0.12	W	Q	W	W	0	W	0.33
325	Chemicals	5.03	Q	W	44.53	65.46	41.71	W	W	0.44
325110	Petrochemicals	5.34	0	0	W	0	W	0	0	0
325120	Industrial Gases	4.44	W	0	0	0	0	0	0	0
325181	Alkalies and Chlorine	5.03	0.14	0	33.7	0	33.7	0	0	0
325182	Carbon Black	3.69	W	0	0	0	0	0	0	W
325188	Other Basic Inorganic Chemicals	5.87	0.17	0	25.22	0	25.22	0	W	W
325192	Cyclic Crudes and Intermediates	5.19	W	0	W	0	W	0	0	0
325193	Ethyl Alcohol	3.71	W	0	36.77	W	37.93	0	0	0
325199	Other Basic Organic Chemicals	5.03	Q	0	Q	0	Q	0	0	0
325211	Plastics Materials and Resins	4.94	W	0	W	0	48.25	0	W	0
325212	Synthetic Rubber	5.56	W	0	41.93	0	W	0	0	0
325222	Noncellulosic Organic Fibers	5.39	0.14	0	W	0	W	0	0	0
325311	Nitrogenous Fertilizers	3.27	0.14	0	193.98	0	0	W	0	0
325312	Phosphatic Fertilizers	5.05	W	0	50.81	0	0	W	W	0
3254	Pharmaceuticals and Medicines	8.29	W	0	40.88	0	40.88	0	0	0
325412	Pharmaceutical Preparation	8.3	W	0	40.88	0	40.88	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	5.59	W	0	W	0	W	0	0	0
326	Plastics and Rubber Products	10.9	0.16	0	W	W	W	0	0	0

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NAICS Code(a)	Subsector and Industry	Electricity Components			Total Diesel Fuel and Distillate Fuel Oil (gallons)	Diesel Fuel (gallons)	Distillate Fuel Oil (gallons)	Residual Fuel Oil (gallons)
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)				
RSE Column Factors:		1	1.1	1.5	1.8	1.7	1.6	1.4
311	Food	W	0.054	0.066	0.98	1.02	0.86	0.64
311221	Wet Corn Milling	W	0.036	0.037	0.88	0.87	W	0.66
31131	Sugar	0.053	0.053	0.052	1.14	0.96	W	0.71
311421	Fruit and Vegetable Canning	0.07	0.07	0.068	0.81	0.95	Q	0.67
312	Beverage and Tobacco Products	0.061	0.061	0.053	1.35	Q	0.84	0.69
3121	Beverages	0.063	0.065	0.053	Q	Q	0.89	0.64
3122	Tobacco	0.047	0.047	0	0.82	W	0.8	0.74
313	Textile Mills	0.044	0.043	0.05	0.93	1.23	W	0.73
314	Textile Product Mills	0.054	0.054	0.053	Q	1.17	Q	W
315	Apparel	0.067	0.067	0.083	0.93	Q	Q	0.75
316	Leather and Allied Products	0.068	0.068	0.073	0.81	W	0.8	0.58
321	Wood Products	0.057	0.057	0.053	0.97	0.98	0.95	W
321113	Sawmills	0.06	0.06	0.061	1.03	1.04	0.94	0.58
3212	Veneer, Plywood, and Engineered Woods	0.048	0.048	0.046	0.96	0.96	0.91	W
3219	Other Wood Products	0.068	0.068	0.071	1.08	1.08	1.06	Q
322	Paper	W	0.043	0.045	0.71	0.98	0.65	0.55
322110	Pulp Mills	W	0.04	0.048	0.6	0.93	W	0.56
322121	Paper Mills, except Newsprint	0.04	0.04	0.043	0.8	1.01	0.74	0.58
322122	Newsprint Mills	0.037	0.037	W	0.98	1.01	W	0.66
322130	Paperboard Mills	W	0.04	0.041	0.72	0.94	0.64	0.5
323	Printing and Related Support	0.067	0.067	0.071	0.87	Q	0.86	Q
324	Petroleum and Coal Products	0.045	0.047	0.039	0.84	0.9	0.77	0.48
324110	Petroleum Refineries	0.043	0.044	0.038	0.99	W	0	0
324199	Other Petroleum and Coal Products	0.052	0.052	0	0.85	0.84	W	0.47
325	Chemicals	0.04	0.04	0.038	0.85	0.87	0.83	0.54
325110	Petrochemicals	W	0.037	0.038	W	W	W	W
325120	Industrial Gases	W	0.035	0.039	W	W	W	0
325181	Alkalies and Chlorine	0.03	0.031	W	0.86	1.08	W	Q
325182	Carbon Black	0.046	0.046	0	1.13	1.13	0	0.52
325188	Other Basic Inorganic Chemicals	W	0.029	0.033	0.93	0.88	1	W
325192	Cyclic Crudes and Intermediates	0.035	0.041	W	1.11	1.29	W	0.55
325193	Ethyl Alcohol	0.04	0.041	0.031	0.9	1.14	W	0
325199	Other Basic Organic Chemicals	W	0.039	0.036	0.89	1.05	0.79	0.62
325211	Plastics Materials and Resins	W	0.042	0.039	0.86	1	0.76	0.7
325212	Synthetic Rubber	0.047	0.044	0.067	0.78	0.81	W	0.66
325222	Noncellulosic Organic Fibers	0.038	0.038	0.036	0.86	0.97	0.83	W
325311	Nitrogenous Fertilizers	0.041	0.041	0.062	0.87	0.89	W	0
325312	Phosphatic Fertilizers	0.044	0.049	0.036	0.83	0.77	W	0.57
3254	Pharmaceuticals and Medicines	0.057	0.056	0.061	0.83	1.13	0.78	0.59
325412	Pharmaceutical Preparation	0.055	0.054	0.061	0.81	1.09	0.79	0.56
325992	Photographic Film, Paper, Plate, and Chemicals	W	0.056	0.06	0.71	W	Q	W
326	Plastics and Rubber Products	0.056	0.056	0.061	0.92	1.11	0.88	0.58

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NAICS Code(a)	Subsector and Industry	Blast Furnace Gas (million Btu)	Coke Oven Gas (million Btu)	Motor Gasoline (excluding Highway Usage) (gallons)	Hydrogen (million Btu)	Kerosene (gallons)	Pulping Liquor or Black Liquor (million Btu)	LPG and NGL(d) (gallons)	Natural Gas Total (1000 cu ft)
	RSE Column Factors:	0	0.4	1.9	0.7	1.1	0.6	1.8	1.1
311	Food	0	0	Q	Q	Q	0	0.72	4.5
311221	Wet Corn Milling	0	0	1.02	0	W	0	1.03	3.99
31131	Sugar	0	0	1.49	0	W	0	0.96	3.89
311421	Fruit and Vegetable Canning	0	0	1.21	W	W	0	Q	4.81
312	Beverage and Tobacco Products	0	0	1.45	W	Q	0	0.79	4.51
3121	Beverages	0	0	1.47	*	Q	0	0.79	4.46
3122	Tobacco	0	0	1.27	W	W	0	0.8	5.08
313	Textile Mills	0	0	1.52	W	0	0	0.8	4.73
314	Textile Product Mills	0	0	Q	W	W	0	0.78	4.58
315	Apparel	0	0	1.51	0	W	0	1.04	5.34
316	Leather and Allied Products	0	0	Q	0	W	0	0.92	4.7
321	Wood Products	0	0	1.32	W	Q	0	0.8	4.87
321113	Sawmills	0	0	1.25	W	1.62	0	0.73	4.63
3212	Veneer, Plywood, and Engineered Woods	0	0	1.31	0	Q	0	0.74	4.78
3219	Other Wood Products	0	0	1.56	0	Q	0	0.93	5.47
322	Paper	0	0	1.21	3	0.87	2.17	0.82	4.26
322110	Pulp Mills	0	0	1.37	0	W	W	W	4
322121	Paper Mills, except Newsprint	0	0	1.18	42.88	0.85	0	0.72	4.26
322122	Newsprint Mills	0	0	1.13	0	W	W	0.86	4.03
322130	Paperboard Mills	0	0	1.24	1.61	1.36	W	0.86	4.11
323	Printing and Related Support	0	0	1.36	W	W	0	1.01	5.12
324	Petroleum and Coal Products	0	0	1.19	5.24	Q	W	0.61	3.52
324110	Petroleum Refineries	0	0	0	5.24	0	0	1.13	3.44
324199	Other Petroleum and Coal Products	0	0	1.41	0	1.15	0	1.2	4.03
325	Chemicals	0	0	1.14	1.28	W	W	0.49	3.46
325110	Petrochemicals	0	0	1	8.29	W	0	0.5	3.51
325120	Industrial Gases	0	0	W	W	W	0	W	3.69
325181	Alkalies and Chlorine	0	0	1.56	W	W	0	W	3.53
325182	Carbon Black	0	0	1.27	0	W	W	1.04	3.28
325188	Other Basic Inorganic Chemicals	0	0	1.11	5.13	1.78	0	0.57	4.15
325192	Cyclic Crudes and Intermediates	0	0	1.18	6.18	0	0	0.51	3.86
325193	Ethyl Alcohol	0	0	W	0	0	0	0.71	3.67
325199	Other Basic Organic Chemicals	0	0	1.16	6.26	W	0	0.6	3.47
325211	Plastics Materials and Resins	0	0	1.28	2.47	W	0	0.43	2.96
325212	Synthetic Rubber	0	0	1.37	34.35	W	0	0.93	3.48
325222	Noncellulosic Organic Fibers	0	0	1.44	W	1.26	0	0.78	3.86
325311	Nitrogenous Fertilizers	0	0	1.39	W	W	0	1.35	3.13
325312	Phosphatic Fertilizers	0	0	1.3	0	0	0	0.97	3.44
3254	Pharmaceuticals and Medicines	0	0	Q	11.66	Q	0	Q	4.66
325412	Pharmaceutical Preparation	0	0	Q	35.31	W	0	1.08	4.66
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	W	W	W	0	0.97	5.24
326	Plastics and Rubber Products	0	0	1.2	Q	Q	0	0.97	5.12

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NAICS Code(a)	Subsector and Industry	Natural Gas Components		Steam Components			Waste Gases and Byproduct Gases (million Btu)	Waste Oils and Tars (million Btu)	Industrial Hot Water Total (million Btu)
		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)			
RSE Column Factors:		1.6	1.1	1.4	0.7	1.3	0.9	0.8	1.3
311	Food	4.81	4.27	4.07	3.99	4.12	0	3.72	W
311221	Wet Corn Milling	4.51	3.94	3.32	3.63	2	0	0	0
31131	Sugar	3.96	3.86	3.02	0	3.02	0	0	0
311421	Fruit and Vegetable Canning	4.6	4.9	5.59	0	5.59	0	W	0
312	Beverage and Tobacco Products	4.82	4.3	4.55	0	4.55	0	0	0
3121	Beverages	4.76	4.27	4.55	0	4.55	0	0	0
3122	Tobacco	5.31	4.82	0	0	0	0	0	0
313	Textile Mills	4.72	4.76	4.25	W	4.15	0	0	0
314	Textile Product Mills	4.58	4.58	0	0	0	0	0	W
315	Apparel	5.41	5.08	0	0	0	0	0	0
316	Leather and Allied Products	5.88	4.31	3.51	0	3.51	0	0	0
321	Wood Products	5.12	4.48	3.84	4.32	3.82	0	W	W
321113	Sawmills	4.71	4.5	4.63	0	4.63	0	W	0
3212	Veneer, Plywood, and Engineered Woods	5.03	4.47	3.89	4.32	3.86	0	0	0
3219	Other Wood Products	5.56	5.05	3.29	0	3.29	0	W	W
322	Paper	4.63	4.16	4.64	4.04	4.89	0	3.21	W
322110	Pulp Mills	5.13	3.68	5.79	0	5.79	0	0	0
322121	Paper Mills, except Newsprint	4.44	4.23	4.93	3.33	4.93	0	3.33	W
322122	Newsprint Mills	4.17	3.98	5.46	W	5.63	0	0	0
322130	Paperboard Mills	4.4	4.07	4.17	3.98	4.44	0	3	W
323	Printing and Related Support	5.08	5.17	Q	4.79	Q	0	0	0
324	Petroleum and Coal Products	3.76	3.49	4.24	7.25	4.09	W	Q	W
324110	Petroleum Refineries	3.48	3.44	4.24	7.25	4.09	0	0	W
324199	Other Petroleum and Coal Products	4.09	3.96	2.21	0	2.21	W	0	0
325	Chemicals	4.12	3.37	4.05	4.25	4.03	3.94	3.54	Q
325110	Petrochemicals	4.59	3.49	W	0	W	0	0	0
325120	Industrial Gases	3.61	3.71	Q	4.22	Q	0	0	0
325181	Alkalies and Chlorine	4.13	3.47	4.36	W	5.9	0	0	0
325182	Carbon Black	3.14	3.52	0	0	0	0	W	0
325188	Other Basic Inorganic Chemicals	4.27	4.13	5.49	6.53	4.92	W	W	0
325192	Cyclic Crudes and Intermediates	3.89	3.83	4.44	0	4.44	W	W	0
325193	Ethyl Alcohol	3.93	3.55	4.55	5.35	Q	0	0	0
325199	Other Basic Organic Chemicals	3.74	3.45	3.75	3.42	3.79	3.98	W	0
325211	Plastics Materials and Resins	4.28	2.79	4.71	5.13	4.67	W	0	W
325212	Synthetic Rubber	3.52	3.48	5.32	0	5.32	0	0	W
325222	Noncellulosic Organic Fibers	4.3	3.62	4.39	0	4.39	W	0	W
325311	Nitrogenous Fertilizers	3.91	3.13	6.12	0	6.12	0	0	0
325312	Phosphatic Fertilizers	3.79	3.35	5.98	0	5.98	0	0	0
3254	Pharmaceuticals and Medicines	4.67	4.64	5.51	21.32	4.92	0	0	W
325412	Pharmaceutical Preparation	4.68	4.64	5.65	23.31	4.86	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	6.01	4.94	0	0	0	0	0	0
326	Plastics and Rubber Products	5.15	5.08	2.91	3.25	2.57	W	0	W

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		Selected Wood and Other Biomass Components							
NAICS Code(a)	Subsector and Industry	Biomass Total(e) (million Btu)	Agricultural Waste (million Btu)	Wood Harvested Directly from Trees (million Btu)	Wood Residues and Byproducts from Mill Processing (million Btu)	Wood-Related and Paper-Related Refuse (million Btu)	All Other Energy Sources (million Btu)	RSE Row Factors	
RSE Column Factors:		0.9	0.4	0.6	0.6	1.2	1		
311	Food	3.9	W	W	W	W	W	6.4	
311221	Wet Corn Milling	W	0	W	W	W	0	0.9	
31131	Sugar	0	0	0	0	0	0	0.8	
311421	Fruit and Vegetable Canning	0	0	0	0	0	0	5.2	
312	Beverage and Tobacco Products	W	0	0	W	W	0	2.9	
3121	Beverages	W	0	0	W	W	0	3.6	
3122	Tobacco	0	0	0	0	0	0	0.8	
313	Textile Mills	W	0	0	W	W	W	11.1	
314	Textile Product Mills	W	0	0	W	0	0	11.7	
315	Apparel	0	0	0	0	0	0	20	
316	Leather and Allied Products	0	0	0	0	0	W	5.6	
321	Wood Products	1.27	W	4.37	0.42	2.56	W	4.2	
321113	Sawmills	2.09	W	W	1.83	0	0	7.2	
3212	Veneer, Plywood, and Engineered Woods	0.79	W	4.78	0.27	3.34	0	3.2	
3219	Other Wood Products	8.66	0	20.21	2.62	W	W	12.9	
322	Paper	2.41	1.22	1.97	1.52	8.53	2.23	2.2	
322110	Pulp Mills	1.63	0	0	1.61	W	W	0.9	
322121	Paper Mills, except Newsprint	2.33	W	2.2	1.42	16.33	W	1.8	
322122	Newsprint Mills	3.25	W	W	2.04	W	W	0.9	
322130	Paperboard Mills	2.35	W	W	1.55	6.45	1.66	2.5	
323	Printing and Related Support	0	0	0	0	0	0	7.3	
324	Petroleum and Coal Products	W	0	0	W	W	W	4.8	
324110	Petroleum Refineries	0	0	0	0	0	W	2.2	
324199	Other Petroleum and Coal Products	0	0	0	0	0	0	1.4	
325	Chemicals	2.3	0	W	W	W	1.42	5.1	
325110	Petrochemicals	0	0	0	0	0	0	0.8	
325120	Industrial Gases	0	0	0	0	0	0	2.7	
325181	Alkalies and Chlorine	0	0	0	0	0	0	1.1	
325182	Carbon Black	0	0	0	0	0	0	0.8	
325188	Other Basic Inorganic Chemicals	W	0	0	W	0	W	2	
325192	Cyclic Crudes and Intermediates	0	0	0	0	0	0	0.8	
325193	Ethyl Alcohol	0	0	0	0	0	0	2.3	
325199	Other Basic Organic Chemicals	0	0	0	0	0	W	5.7	
325211	Plastics Materials and Resins	W	0	0	0	W	W	3.1	
325212	Synthetic Rubber	0	0	0	0	0	0	3.5	
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	1	
325311	Nitrogenous Fertilizers	0	0	0	0	0	W	0.8	
325312	Phosphatic Fertilizers	0	0	0	0	0	W	0.8	
3254	Pharmaceuticals and Medicines	0	0	0	0	0	0	3.6	
325412	Pharmaceutical Preparation	0	0	0	0	0	0	5.2	
325992	Photographic Film, Paper, Plate, and Chemicals	W	0	W	W	W	0	2.9	
326	Plastics and Rubber Products	Q	0	0	0	Q	W	10.7	

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						Anthracite (short tons)	Bituminous and Subbituminous Coal (short tons)	Lignite (short tons)		
327	Nonmetallic Mineral Products	4.66	0.16	W	38.51	W	38.38	W	48.57	0.14
3272	Glass and Glass Products	6.12	0.13	0	W	W	0	0	0	0
327211	Flat Glass	4.84	0.19	0	W	W	0	0	0	0
327213	Glass Containers	6.07	W	0	0	0	0	0	0	0
327310	Cements	2.96	0.19	W	37.89	W	37.82	0	W	0.13
327410	Lime	2.28	0.13	0	39.14	0	39.09	W	W	0.15
327993	Mineral Wool	6.2	0.21	0	0	0	0	0	122.68	0
331	Primary Metals	4.94	0.1	72.69	51.26	102.06	50.5	W	115.51	0.17
331111	Iron and Steel Mills	4.18	0.08	77.01	50.99	101.87	50.38	0	111.31	0.39
331112	Electrometallurgical Ferroalloy Products	6.04	W	0	58.74	0	58.74	0	W	W
3312	Steel Products from Purchased Steel	7.73	0.12	W	52.63	W	W	0	0	0
3313	Alumina and Aluminum	5.38	0.13	0	W	W	0	0	W	0.16
331312	Primary Aluminum	5.15	0.11	0	W	W	0	0	0	0.16
3314	Nonferrous Metals, except Aluminum	6.99	0.13	W	47.01	W	47.27	0	104.04	0.15
3315	Foundries	8.34	0.15	W	100.05	W	77.76	W	180.32	0.19
331511	Iron Foundries	8.36	0.12	W	W	W	76.17	0	180.32	0.19
331521	Aluminum Die-Casting Foundries	7.46	0.16	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	7.36	0.17	0	0	0	0	0	0	0
332	Fabricated Metal Products	10.39	0.12	0	123.24	W	0	0	Q	0
333	Machinery	11.38	0.1	0	33	0	W	0	0	0
334	Computer and Electronic Products	9.24	Q	0	76.07	W	0	0	0	0
334413	Semiconductors and Related Devices	4.82	0.42	0	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	6.84	0.15	W	62.93	0	W	0	0	W
336	Transportation Equipment	8.6	0.17	0	49.99	0	49.99	0	W	W
336112	Light Trucks and Utility Vehicles	6.9	W	0	W	0	W	0	0	0
337	Furniture and Related Products	8.82	0.15	0	57.76	W	57.2	0	0	0
339	Miscellaneous	13.26	0.17	0	0	0	0	0	0	0
	Total	5.58	0.07	64.03	44.46	69.54	43.69	W	113.58	0.23
Northeast Census Region										
	RSE Column Factors:	1.7	1.6	0.5	1	0.8	1	0	0.6	1
311	Food	9.14	Q	0	64.84	0	W	0	0	0
311221	Wet Corn Milling	W	W	0	0	0	0	0	0	0
31131	Sugar	W	W	0	0	0	0	0	0	0
311421	Fruit and Vegetable Canning	8.01	W	0	0	0	0	0	0	0
312	Beverage and Tobacco Products	9.27	0.29	0	0	0	0	0	0	0
3121	Beverages	W	0.29	0	0	0	0	0	0	0
3122	Tobacco	W	0.26	0	0	0	0	0	0	0
313	Textile Mills	8.08	0.21	0	0	0	0	0	0	0
314	Textile Product Mills	9.99	0.15	0	59.68	W	0	0	0	0
315	Apparel	10.01	0	0	0	0	0	0	0	0
316	Leather and Allied Products	10.06	W	0	0	0	0	0	0	0
321	Wood Products	7.57	0.2	0	0	0	0	0	0	0
321113	Sawmills	9.48	0.26	0	0	0	0	0	0	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Total Diesel Fuel and Distillate Fuel Oil (gallons)	Diesel Fuel (gallons)	Distillate Fuel Oil (gallons)	Residual Fuel Oil (gallons)
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)				
327	Nonmetallic Mineral Products	0.051	0.05	0.059	1.04	1.06	0.82	0.6
3272	Glass and Glass Products	0.048	0.047	0.062	0.88	0.89	0.74	W
327211	Flat Glass	0.046	0.045	0.058	W	W	W	W
327213	Glass Containers	0.05	0.048	0.064	1	W	W	0
327310	Cements	0.044	0.043	0.053	0.87	0.95	0.72	0.52
327410	Lime	0.047	0.047	0	0.87	0.88	0.79	W
327993	Mineral Wool	0.043	0.041	0.055	Q	Q	W	0
331	Primary Metals	W	0.037	0.03	0.66	0.9	0.41	0.64
331111	Iron and Steel Mills	0.035	0.035	0.038	0.56	0.89	0.35	0.64
331112	Electrometallurgical Ferroalloy Products	0.032	0.033	W	1.13	1	W	0
3312	Steel Products from Purchased Steel	0.05	0.049	0.053	1.05	1.18	0.98	0.63
3313	Alumina and Aluminum	W	0.03	0.025	0.91	1	W	W
331312	Primary Aluminum	W	0.025	0.024	1.04	1.04	W	W
3314	Nonferrous Metals, except Aluminum	W	0.044	0.035	0.82	0.82	0.87	0.61
3315	Foundries	0.049	0.049	0.054	0.95	0.97	0.86	Q
331511	Iron Foundries	0.045	0.045	0.052	0.96	0.98	0.85	0
331521	Aluminum Die-Casting Foundries	0.051	0.05	0.065	0.91	0.91	W	W
331524	Aluminum Foundries, except Die-Casting	0.053	0.053	0.052	0.89	1.01	0.8	Q
332	Fabricated Metal Products	0.061	0.06	0.079	0.94	Q	0.95	Q
333	Machinery	0.061	0.061	0.066	1.2	1.15	1.45	0.62
334	Computer and Electronic Products	0.063	0.063	0.062	0.95	1.14	0.93	0.74
334413	Semiconductors and Related Devices	0.054	0.054	0.055	0.9	1.39	W	1
335	Electrical Equip., Appliances, and Components	W	0.056	0.058	0.93	Q	0.84	0.69
336	Transportation Equipment	W	0.051	0.056	1.07	1.16	0.73	0.63
336112	Light Trucks and Utility Vehicles	0.043	0.043	0	W	W	W	W
337	Furniture and Related Products	0.07	0.071	0.058	1.14	1.38	W	Q
339	Miscellaneous	0.071	0.072	0.065	0.98	Q	0.9	W
	Total	0.048	0.049	0.043	0.91	1.01	0.75	0.57
RSE Column Factors:		1.9	2	2.1	2.7	2	2.7	1.6
311	Food	0.074	0.074	0.081	0.85	0.98	W	0.76
311221	Wet Corn Milling	W	0.08	0	W	W	W	W
31131	Sugar	W	0.104	0	W	W	W	W
311421	Fruit and Vegetable Canning	0.07	0.072	0.049	0.91	1.26	W	W
312	Beverage and Tobacco Products	0.07	0.071	Q	0.93	1.39	0.87	W
3121	Beverages	0.07	0.071	Q	0.9	1.19	W	W
3122	Tobacco	0.072	0.072	0	W	W	W	W
313	Textile Mills	0.076	0.074	0.084	0.93	W	W	W
314	Textile Product Mills	0.069	0.067	0.102	0.73	W	0.72	0.72
315	Apparel	0.075	0.075	Q	Q	0	Q	0
316	Leather and Allied Products	0.094	0.094	Q	0.99	W	0.98	0.58
321	Wood Products	0.083	0.085	0.073	1	1.03	0.92	0.75
321113	Sawmills	0.089	0.088	0.118	0.95	0.98	0.84	0.67

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Blast Furnace Gas (million Btu)	Coke Oven Gas (million Btu)	Motor Gasoline (excluding Highway Usage) (gallons)	Hydrogen (million Btu)	Kerosene (gallons)	Pulping Liquor or Black Liquor (million Btu)	LPG and NGL(d) (gallons)	Natural Gas Total (1000 cu ft)
327	Nonmetallic Mineral Products	0	0	1.28	2.13	1.28	0	0.88	4.32
3272	Glass and Glass Products	0	0	1.26	1.7	1.25	0	0.86	4.25
327211	Flat Glass	0	0	1.42	1.75	2.15	0	1.08	4.14
327213	Glass Containers	0	0	W	0	W	0	0.81	3.96
327310	Cements	0	0	1.11	0	1.43	0	1.21	3.99
327410	Lime	0	0	1.24	0	1.17	0	0.94	3.68
327993	Mineral Wool	0	0	1.16	W	W	0	0.82	4.04
331	Primary Metals	0	W	1.19	5.04	1.47	0	0.77	4.19
331111	Iron and Steel Mills	0	W	1.15	6.92	1.04	0	0.86	4
331112	Electrometallurgical Ferroalloy Products	0	0	1.36	W	W	0	0.86	4.65
3312	Steel Products from Purchased Steel	0	0	1.45	2.34	1.49	0	0.92	4.74
3313	Alumina and Aluminum	0	0	1.16	W	1.8	0	0.86	4.25
331312	Primary Aluminum	0	0	1.1	W	W	0	0.74	3.89
3314	Nonferrous Metals, except Aluminum	0	0	1.24	20.78	1.18	0	0.62	4.46
3315	Foundries	0	0	1.21	4.38	1.45	0	0.85	4.76
331511	Iron Foundries	0	0	1.14	W	1.29	0	W	4.73
331521	Aluminum Die-Casting Foundries	0	0	1.55	W	1.93	0	W	4.59
331524	Aluminum Foundries, except Die-Casting	0	0	1.56	0	1.55	0	0.92	4.72
332	Fabricated Metal Products	0	0	1.33	39.8	1.46	0	1.09	5.05
333	Machinery	0	0	1.41	Q	W	0	0.92	5.43
334	Computer and Electronic Products	0	0	1.47	0.35	Q	0	0.82	5.62
334413	Semiconductors and Related Devices	0	0	1.55	0.14	W	0	0.98	5.32
335	Electrical Equip., Appliances, and Components	0	0	1.43	32.14	1.53	0	0.94	5.04
336	Transportation Equipment	0	0	1.17	Q	W	0	0.81	4.38
336112	Light Trucks and Utility Vehicles	0	0	W	0	W	0	0.84	4.31
337	Furniture and Related Products	0	0	1.33	W	Q	0	0.88	5.29
339	Miscellaneous	0	0	Q	W	Q	0	1.05	5.2
	Total	0	W	1.27	1.84	W	2.82	0.5	4.01
RSE Column Factors:		0	0	1.9	0.7	1.1	0	2.8	1.7
311	Food	0	0	Q	W	1.44	0	0.88	5.05
311221	Wet Corn Milling	0	0	0	0	0	0	0	0
31131	Sugar	0	0	W	0	0	0	W	W
311421	Fruit and Vegetable Canning	0	0	0	W	W	0	1	4.75
312	Beverage and Tobacco Products	0	0	W	0	W	0	W	5.2
3121	Beverages	0	0	W	0	0	0	W	5.21
3122	Tobacco	0	0	0	0	W	0	0.9	5.02
313	Textile Mills	0	0	0	0	0	0	W	4.09
314	Textile Product Mills	0	0	W	0	0	0	0.69	5.63
315	Apparel	0	0	0	0	0	0	Q	4.2
316	Leather and Allied Products	0	0	W	0	0	0	1	6.07
321	Wood Products	0	0	1.29	0	Q	0	0.79	5.21
321113	Sawmills	0	0	1.27	0	1.13	0	1.01	4.97

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Natural Gas Components		Steam Components			Waste Gases and Byproduct Gases (million Btu)	Waste Oils and Tars (million Btu)	Industrial Hot Water Total (million Btu)
		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)			
327	Nonmetallic Mineral Products	4.3	4.32	Q	5.16	Q	W	2.08	W
3272	Glass and Glass Products	4.27	4.22	5.3	5.3	0	0	W	W
327211	Flat Glass	4.28	4.07	0	0	0	0	0	0
327213	Glass Containers	4.08	3.95	0	0	0	0	0	0
327310	Cements	4.03	3.96	3.28	0	3.28	W	1.99	0
327410	Lime	3.57	3.74	0	0	0	W	W	0
327993	Mineral Wool	4.25	3.98	0	0	0	0	0	0
331	Primary Metals	4.64	4.08	3.79	2.58	3.87	0	6.7	W
331111	Iron and Steel Mills	4.37	3.93	3.83	3.85	3.82	0	W	0
331112	Electrometallurgical Ferroalloy Products	5.08	4.63	5.36	0	5.36	0	0	0
3312	Steel Products from Purchased Steel	4.72	4.76	7.5	7.5	0	0	0	0
3313	Alumina and Aluminum	5.18	4.08	3.6	2.31	W	0	W	W
331312	Primary Aluminum	4.34	3.87	W	0	W	0	W	0
3314	Nonferrous Metals, except Aluminum	4.36	4.53	6.23	0	6.23	0	0	0
3315	Foundries	4.95	4.65	7.29	10.33	7.28	0	W	W
331511	Iron Foundries	4.61	4.81	7.28	0	7.28	0	W	0
331521	Aluminum Die-Casting Foundries	5.21	4.37	0	0	0	0	W	0
331524	Aluminum Foundries, except Die-Casting	4.87	4.63	0	0	0	0	0	W
332	Fabricated Metal Products	5.18	4.82	Q	Q	Q	0	0	W
333	Machinery	5.76	5.08	6.03	5.61	Q	W	W	0
334	Computer and Electronic Products	6.18	4.69	4.02	6.46	3.21	0	0	W
334413	Semiconductors and Related Devices	5.61	4.88	Q	11.77	Q	0	0	0
335	Electrical Equip., Appliances, and Components	5.28	4.78	4.74	5.58	3.2	0	0	0
336	Transportation Equipment	4.37	4.38	6.25	7.91	5.71	W	W	W
336112	Light Trucks and Utility Vehicles	4.74	4.13	8.71	0	8.71	W	0	0
337	Furniture and Related Products	5.3	5.27	1.95	0	1.95	W	0	0
339	Miscellaneous	5.21	5.17	4.75	19.42	4.04	0	0	W
	Total	4.68	3.79	4.17	4.42	4.14	3.68	4	0.8
RSE Column Factors:		2.8	1.4	0.8	0.7	0.8	0.3	0.8	0.3
311	Food	5.41	4.78	Q	Q	Q	0	W	W
311221	Wet Corn Milling	0	0	0	0	0	0	0	0
31131	Sugar	3.39	W	0	0	0	0	0	0
311421	Fruit and Vegetable Canning	4.86	4.64	3.78	0	3.78	0	W	0
312	Beverage and Tobacco Products	5.64	5.06	4.87	0	4.87	0	0	0
3121	Beverages	5.75	5.04	4.87	0	4.87	0	0	0
3122	Tobacco	4.45	5.93	0	0	0	0	0	0
313	Textile Mills	3.31	5.45	0	0	0	0	0	0
314	Textile Product Mills	4.94	6.86	0	0	0	0	0	0
315	Apparel	4.1	Q	0	0	0	0	0	0
316	Leather and Allied Products	6.59	5.86	0	0	0	0	0	0
321	Wood Products	5.7	4.79	Q	0	Q	0	0	W
321113	Sawmills	5.32	4.25	0	0	0	0	0	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

		Selected Wood and Other Biomass Components							
NAICS Code(a)	Subsector and Industry	Biomass Total(e) (million Btu)	Agricultural Waste (million Btu)	Wood Harvested Directly from Trees (million Btu)	Wood Residues and Byproducts from Mill Processing (million Btu)	Wood-Related and Paper-Related Refuse (million Btu)	All Other Energy Sources (million Btu)	RSE Row Factors	
327	Nonmetallic Mineral Products	W	W	0	W	W	0.83	4.3	
3272	Glass and Glass Products	W	W	0	0	0	W	1.8	
327211	Flat Glass	0	0	0	0	0	W	0.8	
327213	Glass Containers	W	W	0	0	0	0	0.8	
327310	Cements	0	0	0	0	0	0.85	1.7	
327410	Lime	0	0	0	0	0	W	0.8	
327993	Mineral Wool	W	0	0	0	W	0	1.4	
331	Primary Metals	W	W	W	W	W	Q	2.1	
331111	Iron and Steel Mills	W	W	0	0	0	0	1.9	
331112	Electrometallurgical Ferroalloy Products	W	0	W	W	0	0	2.4	
3312	Steel Products from Purchased Steel	0	0	0	0	0	0	7.5	
3313	Alumina and Aluminum	0	0	0	0	0	0	1.8	
331312	Primary Aluminum	0	0	0	0	0	0	0.9	
3314	Nonferrous Metals, except Aluminum	W	0	0	W	W	22.81	3.5	
3315	Foundries	2.27	W	W	0	W	W	2.5	
331511	Iron Foundries	W	0	0	0	W	W	2.8	
331521	Aluminum Die-Casting Foundries	0	0	0	0	0	W	3	
331524	Aluminum Foundries, except Die-Casting	0	0	0	0	0	0	3.3	
332	Fabricated Metal Products	W	0	0	W	W	Q	16.4	
333	Machinery	0	0	0	0	0	Q	7.4	
334	Computer and Electronic Products	W	0	W	W	W	0	13	
334413	Semiconductors and Related Devices	0	0	0	0	0	0	2.3	
335	Electrical Equip., Appliances, and Components	W	0	0	W	W	W	13.4	
336	Transportation Equipment	0	0	0	0	0	1.76	6.3	
336112	Light Trucks and Utility Vehicles	0	0	0	0	0	W	0.8	
337	Furniture and Related Products	Q	0	W	Q	0	W	12	
339	Miscellaneous	W	0	W	W	0	W	7.4	
	Total	1.81	Q	3.23	0.9	7.28	1.42	5.1	
	RSE Column Factors:	0.5	0	0.2	0.4	0.4	0.6		
311	Food	W	0	0	W	0	0	9.3	
311221	Wet Corn Milling	W	0	0	W	0	0	0.7	
31131	Sugar	0	0	0	0	0	0	0.5	
311421	Fruit and Vegetable Canning	0	0	0	0	0	0	2.9	
312	Beverage and Tobacco Products	0	0	0	0	0	0	3.3	
3121	Beverages	0	0	0	0	0	0	3.8	
3122	Tobacco	0	0	0	0	0	0	0.5	
313	Textile Mills	0	0	0	0	0	0	13.5	
314	Textile Product Mills	0	0	0	0	0	0	2.5	
315	Apparel	0	0	0	0	0	0	15.2	
316	Leather and Allied Products	0	0	0	0	0	W	8.4	
321	Wood Products	2.05	0	1.98	W	W	W	5.4	
321113	Sawmills	W	0	W	W	0	0	5.5	

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	TOTAL (million Btu)	Acetylene (cu ft)	Breeze (short tons)	Coal Total (short tons)	Coal Components			Coal Coke (short tons)	Petroleum Coke (gallons)
						Anthracite (short tons)	Bituminous and Subbituminous Coal (short tons)	Lignite (short tons)		
3212	Veneer, Plywood, and Engineered Woods	5.25	0	0	0	0	0	0	0	0
3219	Other Wood Products	7.93	0.16	0	0	0	0	0	0	0
322	Paper	6.13	0.13	0	W	0	41.82	0	0	W
322110	Pulp Mills	W	W	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	5.05	0.13	0	41.21	0	41.21	0	0	W
322122	Newsprint Mills	11.17	0	0	0	0	0	0	0	0
322130	Paperboard Mills	6.06	0.09	0	54.15	0	W	0	0	0
323	Printing and Related Support	13.66	Q	0	0	0	0	0	0	0
324	Petroleum and Coal Products	5.07	W	W	W	W	72.25	0	W	0
324110	Petroleum Refineries	5.85	0	0	W	0	W	0	0	0
324199	Other Petroleum and Coal Products	2.06	0	W	W	W	W	0	W	0
325	Chemicals	8	Q	0	W	0	W	0	0	0
325110	Petrochemicals	W	0	0	0	0	0	0	0	0
325120	Industrial Gases	8.67	0	0	0	0	0	0	0	0
325181	Alkalies and Chlorine	W	0	0	0	0	0	0	0	0
325182	Carbon Black	0	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	6.81	0.17	0	0	0	0	0	0	0
325192	Cyclic Crudes and Intermediates	6.3	W	0	0	0	0	0	0	0
325193	Ethyl Alcohol	W	0	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	6.96	0.2	0	0	0	0	0	0	0
325211	Plastics Materials and Resins	8.87	W	0	0	0	0	0	0	0
325212	Synthetic Rubber	11.42	0	0	0	0	0	0	0	0
325222	Noncellulosic Organic Fibers	W	W	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	7.72	0	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	8.71	W	0	0	0	0	0	0	0
325412	Pharmaceutical Preparation	9.08	W	0	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	W	W	0	W	0	W	0	0	0
326	Plastics and Rubber Products	13.99	Q	0	W	W	W	0	0	0
327	Nonmetallic Mineral Products	5.54	0.14	0	37.56	W	37.97	0	65.68	0.14
3272	Glass and Glass Products	6.28	0.13	0	W	W	0	0	0	0
327211	Flat Glass	5.64	W	0	W	W	0	0	0	0
327213	Glass Containers	6.43	W	0	0	0	0	0	0	0
327310	Cements	2.86	W	0	W	W	36.44	0	W	0.14
327410	Lime	2.4	W	0	W	0	W	0	0	W
327993	Mineral Wool	6.79	W	0	0	0	0	0	W	0
331	Primary Metals	3.78	0.14	W	48.32	69.08	W	0	119.38	W
331111	Iron and Steel Mills	3.07	0.17	0	48.51	W	W	0	W	W
331112	Electrometallurgical Ferroalloy Products	W	W	0	W	0	W	0	0	W
3312	Steel Products from Purchased Steel	6.01	0.19	W	W	W	0	0	0	0
3313	Alumina and Aluminum	W	W	0	0	0	0	0	0	W
331312	Primary Aluminum	W	0	0	0	0	0	0	0	W
3314	Nonferrous Metals, except Aluminum	6.84	0.1	W	W	W	W	0	W	W
3315	Foundries	9.54	0.15	0	Q	W	W	0	191.92	W
331511	Iron Foundries	9.54	0.13	0	Q	W	W	0	191.92	W
331521	Aluminum Die-Casting Foundries	11.39	0.35	0	0	0	0	0	0	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Total Diesel Fuel and Distillate Fuel Oil (gallons)	Diesel Fuel (gallons)	Distillate Fuel Oil (gallons)	Residual Fuel Oil (gallons)
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)				
3212	Veneer, Plywood, and Engineered Woods	0.062	0.061	0.069	0.78	0.75	0.84	0.76
3219	Other Wood Products	0.089	0.096	0.069	1.16	1.22	1.05	Q
322	Paper	W	0.06	0.053	0.86	1	W	0.61
322110	Pulp Mills	0.069	0	0.069	1.33	W	0	Q
322121	Paper Mills, except Newsprint	W	0.054	0.053	0.84	0.93	0.82	0.6
322122	Newsprint Mills	0.068	0.068	0	1.43	0	W	W
322130	Paperboard Mills	0.059	0.067	0.045	0.95	0.92	0.96	0.63
323	Printing and Related Support	0.08	0.08	0.074	0.97	W	0.97	Q
324	Petroleum and Coal Products	0.058	0.057	0.084	0.91	1.37	0.75	Q
324110	Petroleum Refineries	W	0.052	W	0	0	0	0
324199	Other Petroleum and Coal Products	0.047	0.047	0	1.17	W	W	0.47
325	Chemicals	0.057	0.059	0.05	0.86	1	0.85	0.62
325110	Petrochemicals	W	0.088	0	Q	0	W	0
325120	Industrial Gases	0.036	0.031	0.063	W	W	W	0
325181	Alkalies and Chlorine	W	W	W	W	W	W	Q
325182	Carbon Black	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	W	0.041	0.061	0.91	0.99	W	0.58
325192	Cyclic Crudes and Intermediates	W	0.049	0.059	W	W	W	W
325193	Ethyl Alcohol	0.109	0.109	0	0	0	0	0
325199	Other Basic Organic Chemicals	0.067	0.069	0.064	0.96	1.36	0.95	0.69
325211	Plastics Materials and Resins	W	0.066	0.05	0.89	0.87	0.9	W
325212	Synthetic Rubber	0.064	0.064	0	1.13	W	0	0
325222	Noncellulosic Organic Fibers	W	0.086	0.05	0	0	0	Q
325311	Nitrogenous Fertilizers	W	0.044	0.084	W	W	W	0
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	0.074	0.075	0.069	1.02	1.06	1	0.59
325412	Pharmaceutical Preparation	0.075	0.077	0.065	1.01	1.09	1.01	W
325992	Photographic Film, Paper, Plate, and Chemicals	W	0.067	0	Q	W	Q	W
326	Plastics and Rubber Products	0.071	0.071	0.066	0.9	Q	W	W
327	Nonmetallic Mineral Products	0.061	0.059	0.072	1.02	1.15	0.83	W
3272	Glass and Glass Products	W	0.049	0.075	0.93	Q	W	0.74
327211	Flat Glass	W	0.051	0.059	W	W	W	0
327213	Glass Containers	W	0.049	0.084	1.19	1.19	W	0
327310	Cements	W	0.047	0.059	1.12	1.26	W	W
327410	Lime	W	0.046	0	W	W	W	0
327993	Mineral Wool	0.045	0.045	0.045	Q	W	W	0
331	Primary Metals	0.04	0.05	0.024	0.84	0.88	0.8	0.63
331111	Iron and Steel Mills	0.045	0.044	0.049	0.84	0.85	0.81	0
331112	Electrometallurgical Ferroalloy Products	W	W	0	W	W	W	0
3312	Steel Products from Purchased Steel	W	0.064	Q	0.9	1.12	W	0.63
3313	Alumina and Aluminum	0.022	0.056	W	W	W	W	W
331312	Primary Aluminum	W	0.09	W	W	W	W	W
3314	Nonferrous Metals, except Aluminum	0.059	0.06	0.057	0.87	0.91	W	0.62
3315	Foundries	W	0.06	0.062	0.88	0.92	0.86	Q
331511	Iron Foundries	0.057	0.057	0.064	0.85	0.82	0.87	0
331521	Aluminum Die-Casting Foundries	W	0.084	0	Q	0	W	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Natural Gas Components		Steam Components			Waste Gases and Byproduct Gases (million Btu)	Waste Oils and Tars (million Btu)	Industrial Hot Water Total (million Btu)
		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)			
3212	Veneer, Plywood, and Engineered Woods	6.32	4.44	0	0	0	0	0	0
3219	Other Wood Products	5.55	5.44	Q	0	Q	0	0	W
322	Paper	5.53	4.51	4.61	8.67	4.53	0	W	0
322110	Pulp Mills	6.62	4.82	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	4.69	4.35	4.53	0	4.53	0	W	0
322122	Newsprint Mills	0	0	0	0	0	0	0	0
322130	Paperboard Mills	4.92	4.69	5.16	8.67	4.5	0	0	0
323	Printing and Related Support	4.4	5.5	0	0	0	0	0	0
324	Petroleum and Coal Products	5	4.24	3.46	0	3.46	0	W	0
324110	Petroleum Refineries	4.75	4.06	3.45	0	3.45	0	0	0
324199	Other Petroleum and Coal Products	5.66	4.59	0	0	0	0	0	0
325	Chemicals	4.93	5.04	4.98	7.57	4.81	W	0	0
325110	Petrochemicals	10	0	0	0	0	0	0	0
325120	Industrial Gases	5.06	21.13	3.28	0	3.28	0	0	0
325181	Alkalies and Chlorine	2.75	4.86	W	0	W	0	0	0
325182	Carbon Black	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	5.62	4.92	Q	3.18	Q	0	0	0
325192	Cyclic Crudes and Intermediates	5.05	W	5.79	0	5.79	0	0	0
325193	Ethyl Alcohol	1.08	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	4.9	4.82	3.89	0	3.89	W	0	0
325211	Plastics Materials and Resins	4.41	4.88	4.49	W	4.46	W	0	0
325212	Synthetic Rubber	7.09	W	6.57	0	6.57	0	0	0
325222	Noncellulosic Organic Fibers	9.43	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	0	6.22	0	0	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	4.44	4.68	10.03	23.31	7.67	0	0	0
325412	Pharmaceutical Preparation	4.43	4.61	9.85	23.31	W	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	6.75	5.67	0	0	0	0	0	0
326	Plastics and Rubber Products	5.95	5.59	5.2	0	5.2	0	0	0
327	Nonmetallic Mineral Products	4.6	4.96	Q	0	Q	0	W	0
3272	Glass and Glass Products	4	4.59	0	0	0	0	W	0
327211	Flat Glass	0	4.52	0	0	0	0	0	0
327213	Glass Containers	3.81	4.37	0	0	0	0	0	0
327310	Cements	5.15	6.36	0	0	0	0	W	0
327410	Lime	6.53	5.37	0	0	0	0	0	0
327993	Mineral Wool	6.93	4.35	0	0	0	0	0	0
331	Primary Metals	4.66	4.81	3.8	3.85	3.65	0	0	W
331111	Iron and Steel Mills	4.48	4.51	3.85	3.85	0	0	0	0
331112	Electrometallurgical Ferroalloy Products	6.94	4.89	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	5.1	5.02	0	0	0	0	0	0
3313	Alumina and Aluminum	4.95	4.75	0	0	0	0	0	0
331312	Primary Aluminum	6.26	W	0	0	0	0	0	0
3314	Nonferrous Metals, except Aluminum	5.13	5.25	3.65	0	3.65	0	0	0
3315	Foundries	5.28	5.51	0	0	0	0	0	W
331511	Iron Foundries	6.53	5.45	0	0	0	0	0	0
331521	Aluminum Die-Casting Foundries	3.88	5.66	0	0	0	0	0	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

		Selected Wood and Other Biomass Components							
NAICS Code(a)	Subsector and Industry	Biomass Total(e) (million Btu)	Agricultural Waste (million Btu)	Wood Harvested Directly from Trees (million Btu)	Wood Residues and Byproducts from Mill Processing (million Btu)	Wood-Related and Paper-Related Refuse (million Btu)	All Other Energy Sources (million Btu)	RSE Row Factors	
3212	Veneer, Plywood, and Engineered Woods	W	0	W	W	W	0	4.2	
3219	Other Wood Products	W	0	W	W	0	W	8.6	
322	Paper	2.61	0	W	1.12	W	W	2.7	
322110	Pulp Mills	0	0	0	0	0	0	1.8	
322121	Paper Mills, except Newsprint	1.62	0	W	1.12	0	W	2.1	
322122	Newsprint Mills	0	0	0	0	0	0	0.5	
322130	Paperboard Mills	W	0	0	0	W	0	1.6	
323	Printing and Related Support	0	0	0	0	0	0	9.5	
324	Petroleum and Coal Products	0	0	0	0	0	0	3.3	
324110	Petroleum Refineries	0	0	0	0	0	0	1.5	
324199	Other Petroleum and Coal Products	0	0	0	0	0	0	0.7	
325	Chemicals	W	0	0	0	W	0	3.7	
325110	Petrochemicals	0	0	0	0	0	0	0.9	
325120	Industrial Gases	0	0	0	0	0	0	0.7	
325181	Alkalies and Chlorine	0	0	0	0	0	0	0.6	
325182	Carbon Black	0	0	0	0	0	0	0	
325188	Other Basic Inorganic Chemicals	0	0	0	0	0	0	1.8	
325192	Cyclic Crudes and Intermediates	0	0	0	0	0	0	0.6	
325193	Ethyl Alcohol	0	0	0	0	0	0	0.5	
325199	Other Basic Organic Chemicals	0	0	0	0	0	0	3.5	
325211	Plastics Materials and Resins	W	0	0	0	W	0	3.8	
325212	Synthetic Rubber	0	0	0	0	0	0	0.6	
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	2.1	
325311	Nitrogenous Fertilizers	0	0	0	0	0	0	0.5	
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	
3254	Pharmaceuticals and Medicines	0	0	0	0	0	0	2.8	
325412	Pharmaceutical Preparation	0	0	0	0	0	0	3.7	
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0	0	0	0	3.1	
326	Plastics and Rubber Products	W	0	0	0	W	W	6.5	
327	Nonmetallic Mineral Products	0	0	0	0	0	W	4	
3272	Glass and Glass Products	0	0	0	0	0	0	1.7	
327211	Flat Glass	0	0	0	0	0	0	0.6	
327213	Glass Containers	0	0	0	0	0	0	0.5	
327310	Cements	0	0	0	0	0	W	0.7	
327410	Lime	0	0	0	0	0	0	0.6	
327993	Mineral Wool	0	0	0	0	0	0	1.9	
331	Primary Metals	W	0	0	W	W	Q	2.1	
331111	Iron and Steel Mills	0	0	0	0	0	0	2.4	
331112	Electrometallurgical Ferroalloy Products	W	0	0	W	0	0	0.7	
3312	Steel Products from Purchased Steel	0	0	0	0	0	0	8.9	
3313	Alumina and Aluminum	0	0	0	0	0	0	0.9	
331312	Primary Aluminum	0	0	0	0	0	0	0.5	
3314	Nonferrous Metals, except Aluminum	W	0	0	0	W	22.81	2.5	
3315	Foundries	0	0	0	0	0	W	2.3	
331511	Iron Foundries	0	0	0	0	0	0	2.4	
331521	Aluminum Die-Casting Foundries	0	0	0	0	0	0	2.6	

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	TOTAL (million Btu)	Acetylene (cu ft)	Breeze (short tons)	Coal Total (short tons)	Coal Components			Coke	
						Anthracite (short tons)	Bituminous and Subbituminous Coal (short tons)	Lignite (short tons)	Coal Coke (short tons)	Petroleum Coke (gallons)
331524	Aluminum Foundries, except Die-Casting	6.96	0.16	0	0	0	0	0	0	0
332	Fabricated Metal Products	13.43	Q	0	Q	W	0	0	W	0
333	Machinery	12.5	W	0	0	0	0	0	0	0
334	Computer and Electronic Products	15.42	Q	0	76.07	W	0	0	0	0
334413	Semiconductors and Related Devices	12.44	W	0	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	11.7	Q	0	0	0	0	0	0	0
336	Transportation Equipment	7.47	0.12	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	W	W	0	0	0	0	0	0	0
337	Furniture and Related Products	14.24	0.33	0	0	0	0	0	0	0
339	Miscellaneous	13.95	Q	0	0	0	0	0	0	0
	Total	7.31	0.14	48.84	49.26	46.32	49.29	0	111.71	0.14
Midwest Census Region										
	RSE Column Factors:	1.1	1.9	0.7	0.6	0.6	0.6	0	0.9	1
311	Food	4.94	0.16	0	W	W	30.38	0	130.21	0
311221	Wet Corn Milling	W	W	0	W	0	27.87	0	0	0
31131	Sugar	2.64	W	0	34.65	W	34.47	0	130.21	0
311421	Fruit and Vegetable Canning	7.28	0.14	0	0	0	0	0	0	0
312	Beverage and Tobacco Products	5.79	0.15	0	45.06	0	45.06	0	0	0
3121	Beverages	W	0.14	0	45.06	0	45.06	0	0	0
3122	Tobacco	W	W	0	0	0	0	0	0	0
313	Textile Mills	10.17	0.16	0	0	0	0	0	0	0
314	Textile Product Mills	11.29	W	0	0	0	0	0	0	0
315	Apparel	12.77	W	0	0	0	0	0	0	0
316	Leather and Allied Products	8.21	0.16	0	0	0	0	0	0	0
321	Wood Products	4.74	0.21	0	W	0	W	0	W	0
321113	Sawmills	12.4	0.31	0	0	0	0	0	0	0
3212	Veneer, Plywood, and Engineered Woods	2.68	0.17	0	W	0	W	0	W	0
3219	Other Wood Products	10.57	0.19	0	0	0	0	0	0	0
322	Paper	5.05	0.16	0	45	W	44.75	0	W	W
322110	Pulp Mills	W	W	0	W	0	W	0	0	0
322121	Paper Mills, except Newsprint	4.5	0.19	0	W	0	45.71	0	W	W
322122	Newsprint Mills	W	0	0	W	0	W	0	0	0
322130	Paperboard Mills	4.87	0.09	0	W	W	45.66	0	0	0
323	Printing and Related Support	11.54	0.34	0	0	0	0	0	0	0
324	Petroleum and Coal Products	4.78	Q	0	0	0	0	0	0	W
324110	Petroleum Refineries	4.92	0	0	0	0	0	0	0	0
324199	Other Petroleum and Coal Products	W	W	0	0	0	0	0	0	W
325	Chemicals	4.96	W	W	W	65.45	38.95	W	W	W
325110	Petrochemicals	W	0	0	0	0	0	0	0	0
325120	Industrial Gases	Q	0	0	0	0	0	0	0	0
325181	Alkalies and Chlorine	W	W	0	W	0	W	0	0	0
325182	Carbon Black	W	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	5.45	W	0	W	0	W	0	W	W

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Total Diesel Fuel and Distillate Fuel Oil (gallons)	Diesel Fuel (gallons)	Distillate Fuel Oil (gallons)	Residual Fuel Oil (gallons)
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)				
331524	Aluminum Foundries, except Die-Casting	0.045	0.045	0.055	0.85	1.09	0.8	Q
332	Fabricated Metal Products	0.083	0.082	0.091	0.93	Q	0.94	0.64
333	Machinery	0.072	0.072	0.069	0.93	0.91	0.96	0.62
334	Computer and Electronic Products	0.07	0.071	0.064	0.91	1.43	0.91	0.74
334413	Semiconductors and Related Devices	W	0.059	0.061	0.84	1.57	W	1
335	Electrical Equip., Appliances, and Components	W	0.075	0.076	0.84	1.21	0.84	0.69
336	Transportation Equipment	0.063	0.068	0.047	0.98	1.18	0.91	0.69
336112	Light Trucks and Utility Vehicles	W	W	0	W	W	W	0
337	Furniture and Related Products	0.089	0.09	0.078	1.02	1.27	1	0
339	Miscellaneous	0.084	0.085	0.071	0.98	Q	W	W
	Total	0.064	0.067	0.05	0.91	1.1	0.85	0.64
RSE Column Factors:		1.3	1.3	1.5	1.6	1.6	1	1.1
311	Food	W	0.045	0.051	1.07	1.14	W	0.48
311221	Wet Corn Milling	W	0.036	0.037	0.75	0.69	W	W
31131	Sugar	0.043	0.043	0	0.94	0.9	1.08	W
311421	Fruit and Vegetable Canning	0.06	0.06	0.055	1.04	1.04	W	Q
312	Beverage and Tobacco Products	0.05	0.05	Q	1.27	1.3	W	W
3121	Beverages	W	0.05	Q	1.27	1.3	W	W
3122	Tobacco	W	0.075	0	W	0	W	0
313	Textile Mills	0.061	0.061	0	Q	1.34	W	0
314	Textile Product Mills	0.056	0.055	0.067	0	0	0	0
315	Apparel	0.068	0.068	0.065	0	0	0	0
316	Leather and Allied Products	0.057	0.057	0.063	1.34	1.16	W	0
321	Wood Products	0.056	0.056	0.056	0.97	0.97	0.92	W
321113	Sawmills	0.066	0.065	0.092	1.11	1.11	W	0.53
3212	Veneer, Plywood, and Engineered Woods	0.047	0.047	0.05	1.07	1.08	W	W
3219	Other Wood Products	0.06	0.06	Q	Q	Q	W	0
322	Paper	W	0.043	0.054	0.94	1.02	0.81	0.5
322110	Pulp Mills	W	W	0	W	W	W	0
322121	Paper Mills, except Newsprint	W	0.039	0.049	0.94	1.05	0.8	W
322122	Newsprint Mills	W	W	0	W	W	W	0
322130	Paperboard Mills	0.043	0.043	0.042	1.01	1	W	W
323	Printing and Related Support	0.058	0.058	0.058	1.09	W	W	0
324	Petroleum and Coal Products	0.037	0.036	0.051	0.81	Q	0.8	0.54
324110	Petroleum Refineries	0.034	0.033	W	0	0	0	0
324199	Other Petroleum and Coal Products	0.057	0.057	0	0.9	W	0	0
325	Chemicals	0.04	0.041	0.036	0.92	1.08	W	0.54
325110	Petrochemicals	W	0.041	W	W	W	W	0
325120	Industrial Gases	0.033	0.033	W	0	0	0	0
325181	Alkalies and Chlorine	0.041	0.04	Q	1.46	W	0	0
325182	Carbon Black	0.048	0.048	0	0	0	0	W
325188	Other Basic Inorganic Chemicals	0.039	0.04	0.032	1.08	1.16	W	W

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Blast Furnace Gas (million Btu)	Coke Oven Gas (million Btu)	Motor Gasoline (excluding Highway Usage) (gallons)	Hydrogen (million Btu)	Kerosene (gallons)	Pulping Liquor or Black Liquor (million Btu)	LPG and NGL(d) (gallons)	Natural Gas Total (1000 cu ft)
331524	Aluminum Foundries, except Die-Casting	0	0	W	0	W	0	1.02	4.79
332	Fabricated Metal Products	0	0	Q	W	W	0	1.11	6
333	Machinery	0	0	1.2	39.34	W	0	1.09	5.88
334	Computer and Electronic Products	0	0	1.87	Q	W	0	0.61	6.58
334413	Semiconductors and Related Devices	0	0	1.54	11.14	W	0	1.61	W
335	Electrical Equip., Appliances, and Components	0	0	1.49	25.97	W	0	0.82	5.03
336	Transportation Equipment	0	0	1.08	W	W	0	0.74	3.98
336112	Light Trucks and Utility Vehicles	0	0	W	0	0	0	W	W
337	Furniture and Related Products	0	0	1.44	0	0	0	0.81	6.06
339	Miscellaneous	0	0	Q	0	W	0	1.2	5.88
	Total	0	0	1.35	7.39	1.29	0	0.84	4.98
RSE Column Factors:		0	0.3	1.5	1.2	1.1	0	1.9	1.4
311	Food	0	0	1.19	W	W	0	0.78	4.22
311221	Wet Corn Milling	0	0	1	0	0	0	1.04	3.95
31131	Sugar	0	0	1.42	0	W	0	0.96	4.27
311421	Fruit and Vegetable Canning	0	0	1.31	0	0	0	1.03	4.62
312	Beverage and Tobacco Products	0	0	Q	W	W	0	W	4.29
3121	Beverages	0	0	Q	W	W	0	W	W
3122	Tobacco	0	0	0	W	0	0	W	W
313	Textile Mills	0	0	W	0	0	0	0.89	5.02
314	Textile Product Mills	0	0	W	0	0	0	1.18	6.31
315	Apparel	0	0	W	0	0	0	Q	6.27
316	Leather and Allied Products	0	0	W	0	W	0	0.85	4.12
321	Wood Products	0	0	1.4	0	Q	0	W	4.7
321113	Sawmills	0	0	1.41	0	1.35	0	0.84	4.48
3212	Veneer, Plywood, and Engineered Woods	0	0	1.33	0	W	0	W	4.41
3219	Other Wood Products	0	0	1.42	0	Q	0	0.92	5.1
322	Paper	0	0	1.23	W	1.12	0	Q	4.31
322110	Pulp Mills	0	0	0	0	0	0	W	W
322121	Paper Mills, except Newsprint	0	0	1.29	W	1.04	0	0.94	4.36
322122	Newsprint Mills	0	0	W	0	0	0	W	W
322130	Paperboard Mills	0	0	1.38	0	1.19	0	1.01	4.12
323	Printing and Related Support	0	0	Q	0	0	0	1	5.21
324	Petroleum and Coal Products	0	0	1.31	W	W	W	Q	3.88
324110	Petroleum Refineries	0	0	0	W	0	0	1.26	3.81
324199	Other Petroleum and Coal Products	0	0	W	0	0	0	1.04	4.33
325	Chemicals	0	0	0.89	30.32	Q	0	0.37	3.91
325110	Petrochemicals	0	0	W	0	0	0	W	W
325120	Industrial Gases	0	0	0	0	0	0	0	W
325181	Alkalies and Chlorine	0	0	W	W	W	0	1.02	4.59
325182	Carbon Black	0	0	W	0	0	0	W	W
325188	Other Basic Inorganic Chemicals	0	0	1.5	23.95	W	0	W	4.14

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Natural Gas Components		Steam Components			Waste Gases and Byproduct Gases (million Btu)	Waste Oils and Tars (million Btu)	Industrial Hot Water Total (million Btu)
		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)			
331524	Aluminum Foundries, except Die-Casting	4.49	5.48	0	0	0	0	0	W
332	Fabricated Metal Products	7.06	4.97	Q	0	Q	0	0	W
333	Machinery	6.69	5.28	3.33	0	3.33	W	W	0
334	Computer and Electronic Products	7.71	5.02	Q	7.25	Q	0	0	W
334413	Semiconductors and Related Devices	6.07	5.29	Q	11.77	Q	0	0	0
335	Electrical Equip., Appliances, and Components	4.38	5.44	2.77	0	2.77	0	0	0
336	Transportation Equipment	3.21	5.05	4.12	0	4.12	0	0	W
336112	Light Trucks and Utility Vehicles	7.71	4.74	W	0	W	0	0	0
337	Furniture and Related Products	5.8	6.6	Q	0	Q	0	0	0
339	Miscellaneous	6.39	5.03	4.75	19.42	4.04	0	0	W
	Total	5.23	4.83	4.66	8.07	4.53	Q	3.09	0.26
RSE Column Factors:		2.1	1.4	1.2	1.1	0.9	1	0.7	2.9
311	Food	4.45	4.09	3.81	3.8	Q	0	0	0
311221	Wet Corn Milling	4.2	3.93	3.63	3.63	0	0	0	0
31131	Sugar	4.21	4.29	0	0	0	0	0	0
311421	Fruit and Vegetable Canning	4.54	4.72	6.44	0	6.44	0	0	0
312	Beverage and Tobacco Products	4.72	4.1	0	0	0	0	0	0
3121	Beverages	4.71	4.1	0	0	0	0	0	0
3122	Tobacco	4.77	0	0	0	0	0	0	0
313	Textile Mills	4.42	5.3	0	0	0	0	0	0
314	Textile Product Mills	6.52	5.12	0	0	0	0	0	0
315	Apparel	6.9	5.52	0	0	0	0	0	0
316	Leather and Allied Products	5.66	3.84	3.51	0	3.51	0	0	0
321	Wood Products	4.81	4.45	3.91	0	3.91	0	W	0
321113	Sawmills	4.26	4.91	5.14	0	5.14	0	W	0
3212	Veneer, Plywood, and Engineered Woods	4.49	4.29	1.57	0	1.57	0	0	0
3219	Other Wood Products	5.18	4.76	4.47	0	4.47	0	0	0
322	Paper	4.4	4.27	4.08	4.08	4.11	0	W	W
322110	Pulp Mills	W	5.45	5.79	0	5.79	0	0	0
322121	Paper Mills, except Newsprint	4.41	4.34	4.09	3.33	4.1	0	W	W
322122	Newsprint Mills	6.7	4.82	W	W	0	0	0	0
322130	Paperboard Mills	4.63	4	Q	Q	3.09	0	0	W
323	Printing and Related Support	5.72	4.84	Q	0	Q	0	0	0
324	Petroleum and Coal Products	4	3.85	2.93	2.9	2.94	W	W	0
324110	Petroleum Refineries	3.92	3.8	2.89	2.9	2.87	0	0	0
324199	Other Petroleum and Coal Products	4.25	4.58	2.21	0	2.21	W	0	0
325	Chemicals	4.31	3.81	Q	5.76	Q	0	W	W
325110	Petrochemicals	0	3.68	0	0	0	0	0	0
325120	Industrial Gases	3.84	W	Q	4.22	Q	0	0	0
325181	Alkalies and Chlorine	5.12	4.47	8.03	8.03	0	0	0	0
325182	Carbon Black	7.51	3.46	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	4.19	4.12	4.68	4.06	4.72	0	W	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

		Selected Wood and Other Biomass Components							
NAICS Code(a)	Subsector and Industry	Biomass Total(e) (million Btu)	Agricultural Waste (million Btu)	Wood Harvested Directly from Trees (million Btu)	Wood Residues and Byproducts from Mill Processing (million Btu)	Wood-Related and Paper-Related Refuse (million Btu)	All Other Energy Sources (million Btu)	RSE Row Factors	
331524	Aluminum Foundries, except Die-Casting	0	0	0	0	0	0	0.7	
332	Fabricated Metal Products	W	0	0	0	W	W	10.9	
333	Machinery	0	0	0	0	0	0	8	
334	Computer and Electronic Products	0	0	0	0	0	0	9.7	
334413	Semiconductors and Related Devices	0	0	0	0	0	0	1.1	
335	Electrical Equip., Appliances, and Components	0	0	0	0	0	0	8.3	
336	Transportation Equipment	0	0	0	0	0	W	4.8	
336112	Light Trucks and Utility Vehicles	0	0	0	0	0	0	0.6	
337	Furniture and Related Products	W	0	W	W	0	W	9.6	
339	Miscellaneous	W	0	W	W	0	W	7.1	
	Total	2.79	0	1.96	2.65	W	3.6	4.9	
RSE Column Factors:		0.5	0.2	0.4	0.4	1	1.9		
311	Food	W	W	0	0	0	0	9.2	
311221	Wet Corn Milling	0	0	0	0	0	0	0.8	
31131	Sugar	0	0	0	0	0	0	0.8	
311421	Fruit and Vegetable Canning	0	0	0	0	0	0	2.3	
312	Beverage and Tobacco Products	0	0	0	0	0	0	5.4	
3121	Beverages	0	0	0	0	0	0	6.2	
3122	Tobacco	0	0	0	0	0	0	0.7	
313	Textile Mills	0	0	0	0	0	0	7.9	
314	Textile Product Mills	0	0	0	0	0	0	10.5	
315	Apparel	0	0	0	0	0	0	8.9	
316	Leather and Allied Products	0	0	0	0	0	0	11.3	
321	Wood Products	1.84	0	3.05	0.8	W	0	5.7	
321113	Sawmills	W	0	0	W	0	0	6	
3212	Veneer, Plywood, and Engineered Woods	1.34	0	W	0.45	W	0	4.1	
3219	Other Wood Products	W	0	W	W	W	0	14.7	
322	Paper	4.38	0	W	1.18	10.85	0	3.3	
322110	Pulp Mills	W	0	0	0	W	0	0.8	
322121	Paper Mills, except Newsprint	3.82	0	W	1.18	W	0	1.9	
322122	Newsprint Mills	0	0	0	0	0	0	0.8	
322130	Paperboard Mills	5.24	0	W	W	7.99	0	2.8	
323	Printing and Related Support	0	0	0	0	0	0	12.3	
324	Petroleum and Coal Products	W	0	0	0	W	W	3.7	
324110	Petroleum Refineries	0	0	0	0	0	W	1.4	
324199	Other Petroleum and Coal Products	0	0	0	0	0	0	0.7	
325	Chemicals	W	0	0	W	W	W	3.2	
325110	Petrochemicals	0	0	0	0	0	0	0.7	
325120	Industrial Gases	0	0	0	0	0	0	1.4	
325181	Alkalies and Chlorine	0	0	0	0	0	0	1.6	
325182	Carbon Black	0	0	0	0	0	0	0.7	
325188	Other Basic Inorganic Chemicals	0	0	0	0	0	W	1.8	

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	TOTAL (million Btu)	Acetylene (cu ft)	Breeze (short tons)	Coal Total (short tons)	Coal Components			Coal Coke (short tons)	Petroleum Coke (gallons)
						Anthracite (short tons)	Bituminous and Subbituminous Coal (short tons)	Lignite (short tons)		
325192	Cyclic Crudes and Intermediates	5.00	W	0	0	0	0	0	0	0
325193	Ethyl Alcohol	3.65	W	0	36.77	W	37.93	0	0	0
325199	Other Basic Organic Chemicals	5.75	W	0	38.31	0	38.31	0	0	0
325211	Plastics Materials and Resins	4.45	Q	0	W	0	W	0	W	0
325212	Synthetic Rubber	6.00	W	0	W	0	W	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	3.72	W	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	6.61	Q	0	40.88	0	40.88	0	0	0
325412	Pharmaceutical Preparation	6.65	Q	0	40.88	0	40.88	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	10.13	0	0	0	0	0	0	0	0
326	Plastics and Rubber Products	9.94	0.15	0	W	0	W	0	0	0
327	Nonmetallic Mineral Products	4.1	0.15	0	W	0	35.16	0	89.39	0.12
3272	Glass and Glass Products	5.84	W	0	0	0	0	0	0	0
327211	Flat Glass	4.29	W	0	0	0	0	0	0	0
327213	Glass Containers	5.5	W	0	0	0	0	0	0	0
327310	Cements	2.46	0.14	0	W	0	33.93	0	W	0.11
327410	Lime	2.23	0.12	0	37.51	0	37.51	0	W	0.15
327993	Mineral Wool	5.76	W	0	0	0	0	0	130.14	0
331	Primary Metals	4.77	0.1	51.14	52.67	85.88	52.41	0	112.91	0.17
331111	Iron and Steel Mills	4	0.09	W	52.51	W	52.25	0	109.26	0.31
331112	Electrometallurgical Ferroalloy Products	6.47	W	0	W	0	W	0	W	W
3312	Steel Products from Purchased Steel	7.47	0.09	0	79.5	W	0	0	0	0
3313	Alumina and Aluminum	6.02	0.15	0	0	0	0	0	0	W
331312	Primary Aluminum	5.97	0.14	0	0	0	0	0	0	W
3314	Nonferrous Metals, except Aluminum	7.23	0.1	33.11	W	W	0	0	W	W
3315	Foundries	8.17	0.12	W	W	W	W	0	180.52	W
331511	Iron Foundries	8.41	0.09	W	W	W	W	0	180.52	W
331521	Aluminum Die-Casting Foundries	7.07	0.13	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	7.43	0.16	0	0	0	0	0	0	0
332	Fabricated Metal Products	8.88	0.14	0	125.43	W	0	0	W	0
333	Machinery	9.83	0.12	0	33	0	W	0	0	0
334	Computer and Electronic Products	10.06	W	0	0	0	0	0	0	0
334413	Semiconductors and Related Devices	9.17	0	0	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	8.98	0.17	0	73.01	0	W	0	0	W
336	Transportation Equipment	7.71	0.26	0	50.18	0	50.18	0	W	W
336112	Light Trucks and Utility Vehicles	6.57	W	0	W	0	W	0	0	0
337	Furniture and Related Products	9.47	0.13	0	W	W	W	0	0	0
339	Miscellaneous	11.47	W	0	0	0	0	0	0	0
	Total	5.69	0.14	54.12	43.76	70.73	42.07	W	111.72	0.19
South Census Region										
	RSE Column Factors:	1.4	2.1	0.7	0.9	0.7	0.9	0.5	0.8	0.8
311	Food	7.19	Q	0	53.29	0	53.29	0	0	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Total Diesel Fuel and Distillate Fuel Oil (gallons)	Diesel Fuel (gallons)	Distillate Fuel Oil (gallons)	Residual Fuel Oil (gallons)
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)				
325192	Cyclic Crudes and Intermediates	W	0.034	0	W	W	W	W
325193	Ethyl Alcohol	0.038	0.038	0.031	0.89	1.15	W	0
325199	Other Basic Organic Chemicals	0.037	0.041	0.032	0.84	1.26	0.76	0
325211	Plastics Materials and Resins	0.037	0.036	0.039	1.01	1.02	W	0.49
325212	Synthetic Rubber	W	0.035	0	0.82	W	W	0
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	W	0.036	0.043	0.86	0.86	W	0
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	0.042	0.042	0.044	1.14	1.16	1.09	0.62
325412	Pharmaceutical Preparation	0.041	0.041	0.043	1.16	W	1.05	0.65
325992	Photographic Film, Paper, Plate, and Chemicals	W	0.055	0.052	0	0	0	0
326	Plastics and Rubber Products	0.053	0.053	0.058	1.21	1.25	Q	W
327	Nonmetallic Mineral Products	0.046	0.046	0.045	0.87	Q	Q	0.57
3272	Glass and Glass Products	0.044	0.043	0.048	0.85	W	W	0
327211	Flat Glass	W	0.044	0	W	W	W	0
327213	Glass Containers	W	0.039	0.049	1.16	W	0	0
327310	Cements	0.038	0.037	0.043	0.94	0.95	W	0.57
327410	Lime	0.056	0.056	0	0.88	0.87	W	W
327993	Mineral Wool	0.038	0.038	0	1.09	1.09	0	0
331	Primary Metals	W	0.038	0.031	0.49	0.94	0.34	0.58
331111	Iron and Steel Mills	0.034	0.035	0.031	0.44	0.9	0.33	0.58
331112	Electrometallurgical Ferroalloy Products	0.034	0.034	0	0.83	W	W	0
3312	Steel Products from Purchased Steel	0.05	0.048	0.056	1.25	1.17	W	0
3313	Alumina and Aluminum	W	0.027	0.027	0.91	0.92	W	0
331312	Primary Aluminum	W	W	W	1	1	W	0
3314	Nonferrous Metals, except Aluminum	W	0.042	0.041	0.95	0.95	W	Q
3315	Foundries	0.047	0.047	0.052	1.14	1.16	0.82	W
331511	Iron Foundries	0.043	0.043	0.049	1.16	1.19	W	0
331521	Aluminum Die-Casting Foundries	0.047	0.047	0.052	1.33	1.33	W	W
331524	Aluminum Foundries, except Die-Casting	0.054	0.054	0.05	1.02	1.02	W	0
332	Fabricated Metal Products	0.051	0.05	0.068	Q	Q	W	Q
333	Machinery	0.054	0.054	0.055	1.22	1.23	Q	0
334	Computer and Electronic Products	0.048	0.048	0.046	0.93	Q	W	0
334413	Semiconductors and Related Devices	W	0.041	0	1.06	W	W	0
335	Electrical Equip., Appliances, and Components	0.051	0.05	0.061	Q	Q	W	0.7
336	Transportation Equipment	W	0.045	0.052	0.94	1.02	W	0.71
336112	Light Trucks and Utility Vehicles	W	0.043	0	W	W	W	W
337	Furniture and Related Products	0.063	0.065	0.049	1.14	1.08	W	0
339	Miscellaneous	0.06	0.061	Q	1.17	W	W	0
	Total	0.045	0.046	0.041	0.81	0.95	0.54	0.51
	RSE Column Factors:	1.4	1.3	1.6	1.7	1.8	1.5	1.2
311	Food	0.049	0.049	Q	0.97	1.02	W	Q

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Blast Furnace Gas (million Btu)	Coke Oven Gas (million Btu)	Motor Gasoline (excluding Highway Usage) (gallons)	Hydrogen (million Btu)	Kerosene (gallons)	Pulping Liquor or Black Liquor (million Btu)	LPG and NGL(d) (gallons)	Natural Gas Total (1000 cu ft)
325192	Cyclic Crudes and Intermediates	0	0	1.29	W	0	0	W	4.28
325193	Ethyl Alcohol	0	0	W	0	0	0	0.69	W
325199	Other Basic Organic Chemicals	0	0	1.27	24.75	W	0	0.86	4.4
325211	Plastics Materials and Resins	0	0	1.18	W	0	0	W	4.23
325212	Synthetic Rubber	0	0	W	W	W	0	W	4.34
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	0	0	1.3	W	0	0	0	3.46
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	0	0	1.17	96.87	W	0	0.81	4.46
325412	Pharmaceutical Preparation	0	0	1.14	W	W	0	0.88	4.59
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0	0	0	0	Q	4.57
326	Plastics and Rubber Products	0	0	1.33	W	Q	0	0.97	5.11
327	Nonmetallic Mineral Products	0	0	1.21	1.99	1.19	0	0.77	4.15
3272	Glass and Glass Products	0	0	1.16	1.99	W	0	0.86	4.08
327211	Flat Glass	0	0	W	1.67	W	0	1.17	3.69
327213	Glass Containers	0	0	W	0	W	0	0.82	3.96
327310	Cements	0	0	0.8	0	1.46	0	0.88	4.07
327410	Lime	0	0	1.09	0	1.73	0	1.1	W
327993	Mineral Wool	0	0	1.27	W	W	0	0.73	4.02
331	Primary Metals	0	W	1.15	4.28	1.74	0	0.73	4.07
331111	Iron and Steel Mills	0	W	1.04	4.68	1.18	0	0.75	3.84
331112	Electrometallurgical Ferroalloy Products	0	0	W	W	W	0	0.62	4.66
3312	Steel Products from Purchased Steel	0	0	Q	1.58	Q	0	0.96	4.55
3313	Alumina and Aluminum	0	0	1.41	W	W	0	1.08	4.39
331312	Primary Aluminum	0	0	W	W	0	0	0.79	4.03
3314	Nonferrous Metals, except Aluminum	0	0	1.41	13.96	1.19	0	0.57	4.65
3315	Foundries	0	0	1.23	6.23	1.61	0	0.9	4.67
331511	Iron Foundries	0	0	1.17	0	1.51	0	W	4.79
331521	Aluminum Die-Casting Foundries	0	0	W	W	2.04	0	W	W
331524	Aluminum Foundries, except Die-Casting	0	0	Q	0	2.14	0	0.87	4.71
332	Fabricated Metal Products	0	0	1.22	Q	Q	0	1.16	4.81
333	Machinery	0	0	1.4	W	2.23	0	0.82	5.19
334	Computer and Electronic Products	0	0	1.1	31.79	0	0	1.28	4.96
334413	Semiconductors and Related Devices	0	0	W	W	0	0	W	W
335	Electrical Equip., Appliances, and Components	0	0	Q	W	1.42	0	1.22	4.96
336	Transportation Equipment	0	0	1.07	Q	W	0	0.72	4.16
336112	Light Trucks and Utility Vehicles	0	0	W	0	0	0	W	4.36
337	Furniture and Related Products	0	0	1.1	W	W	0	0.96	5.31
339	Miscellaneous	0	0	W	W	W	0	1.05	5.3
	Total	0	W	1.15	4.81	1.21	W	0.42	4.25

RSE Column Factors:		0	0	2	0.6	1.3	0.6	2	1.4
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311	Food	0	0	Q	W	Q	0	0.75	4.49
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Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Natural Gas Components		Steam Components			Waste Gases and Byproduct Gases (million Btu)	Waste Oils and Tars (million Btu)	Industrial Hot Water Total (million Btu)
		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)			
325192	Cyclic Crudes and Intermediates	3.77	W	0	0	0	0	0	0
325193	Ethyl Alcohol	3.98	3.58	4.62	5.81	Q	0	0	0
325199	Other Basic Organic Chemicals	4.32	4.42	4.07	6.64	3.96	0	W	0
325211	Plastics Materials and Resins	4.32	4.14	5.3	5.23	5.31	0	0	W
325212	Synthetic Rubber	7.82	4.22	0	0	0	0	0	W
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	3.62	3.46	6.12	0	6.12	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	4.82	4.27	5.38	0	5.38	0	0	0
325412	Pharmaceutical Preparation	4.73	4.49	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	4.61	4.27	0	0	0	0	0	0
326	Plastics and Rubber Products	5.1	5.12	3.08	3.08	0	0	0	W
327	Nonmetallic Mineral Products	4.18	4.14	0	0	0	0	W	0
3272	Glass and Glass Products	4.19	4.07	0	0	0	0	0	0
327211	Flat Glass	W	3.69	0	0	0	0	0	0
327213	Glass Containers	8.95	3.93	0	0	0	0	0	0
327310	Cements	4.67	3.93	0	0	0	0	W	0
327410	Lime	3.71	3.67	0	0	0	0	0	0
327993	Mineral Wool	4.43	3.94	0	0	0	0	0	0
331	Primary Metals	4.75	3.98	3.83	2.31	4.03	0	W	W
331111	Iron and Steel Mills	4.31	3.82	3.86	0	3.86	0	W	0
331112	Electrometallurgical Ferroalloy Products	6.57	4.63	5.36	0	5.36	0	0	0
3312	Steel Products from Purchased Steel	4.54	4.55	0	0	0	0	0	0
3313	Alumina and Aluminum	4.84	4.28	2.31	2.31	0	0	W	W
331312	Primary Aluminum	5.78	4.02	0	0	0	0	W	0
3314	Nonferrous Metals, except Aluminum	5.21	4.3	7.91	0	7.91	0	0	0
3315	Foundries	5.02	4.55	7.29	10.33	7.28	0	0	0
331511	Iron Foundries	5	4.7	7.28	0	7.28	0	0	0
331521	Aluminum Die-Casting Foundries	4.85	4.25	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	4.54	4.76	0	0	0	0	0	0
332	Fabricated Metal Products	4.92	4.64	Q	0	Q	0	0	0
333	Machinery	5.36	5.08	6.04	5.61	Q	0	0	0
334	Computer and Electronic Products	5.16	4.53	4.12	0	4.12	0	0	W
334413	Semiconductors and Related Devices	2.43	4.34	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	5.45	4.61	4.65	4.54	7.13	0	0	0
336	Transportation Equipment	4.04	4.24	6.36	7.91	5.22	W	W	0
336112	Light Trucks and Utility Vehicles	4.68	4.16	4.36	0	4.36	W	0	0
337	Furniture and Related Products	5.93	4.84	0	0	0	0	0	0
339	Miscellaneous	5.11	5.75	0	0	0	0	0	0
	Total	4.6	4.1	3.7	4.22	3.53	W	8.55	Q
	RSE Column Factors:	1.9	1.2	1.2	0.4	1.3	0.4	0.9	0.7
311	Food	4.88	4.02	3.85	0	3.85	0	0	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

		Selected Wood and Other Biomass Components							
NAICS Code(a)	Subsector and Industry	Biomass Total(e) (million Btu)	Agricultural Waste (million Btu)	Wood Harvested Directly from Trees (million Btu)	Wood Residues and Byproducts from Mill Processing (million Btu)	Wood-Related and Paper-Related Refuse (million Btu)	All Other Energy Sources (million Btu)	RSE Row Factors	
325192	Cyclic Crudes and Intermediates	0	0	0	0	0	0	0.7	
325193	Ethyl Alcohol	0	0	0	0	0	0	2.4	
325199	Other Basic Organic Chemicals	0	0	0	0	0	W	1.7	
325211	Plastics Materials and Resins	0	0	0	0	0	0	1.6	
325212	Synthetic Rubber	0	0	0	0	0	0	1.8	
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0	
325311	Nitrogenous Fertilizers	0	0	0	0	0	0	0.7	
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	
3254	Pharmaceuticals and Medicines	0	0	0	0	0	0	3.6	
325412	Pharmaceutical Preparation	0	0	0	0	0	0	2	
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0	0	0	0	2.7	
326	Plastics and Rubber Products	W	0	0	0	W	0	13.7	
327	Nonmetallic Mineral Products	W	0	0	0	W	W	4	
3272	Glass and Glass Products	0	0	0	0	0	0	1.4	
327211	Flat Glass	0	0	0	0	0	0	0.7	
327213	Glass Containers	0	0	0	0	0	0	0.7	
327310	Cements	0	0	0	0	0	W	2	
327410	Lime	0	0	0	0	0	0	0.8	
327993	Mineral Wool	W	0	0	0	W	0	1	
331	Primary Metals	W	W	W	0	W	W	2.3	
331111	Iron and Steel Mills	0	0	0	0	0	0	2.2	
331112	Electrometallurgical Ferroalloy Products	W	0	W	0	0	0	0.9	
3312	Steel Products from Purchased Steel	0	0	0	0	0	0	9.6	
3313	Alumina and Aluminum	0	0	0	0	0	0	2.4	
331312	Primary Aluminum	0	0	0	0	0	0	0.7	
3314	Nonferrous Metals, except Aluminum	0	0	0	0	0	0	3.6	
3315	Foundries	W	W	W	0	W	W	3.4	
331511	Iron Foundries	W	0	0	0	W	0	4.3	
331521	Aluminum Die-Casting Foundries	0	0	0	0	0	W	2.8	
331524	Aluminum Foundries, except Die-Casting	0	0	0	0	0	0	2.5	
332	Fabricated Metal Products	W	0	0	W	0	0	12.8	
333	Machinery	0	0	0	0	0	0	9.5	
334	Computer and Electronic Products	W	0	W	W	W	0	5	
334413	Semiconductors and Related Devices	0	0	0	0	0	0	1.1	
335	Electrical Equip., Appliances, and Components	W	0	0	W	W	W	5.1	
336	Transportation Equipment	0	0	0	0	0	1.83	9.5	
336112	Light Trucks and Utility Vehicles	0	0	0	0	0	W	0.8	
337	Furniture and Related Products	W	0	W	W	0	0	11.5	
339	Miscellaneous	0	0	0	0	0	W	8.2	
	Total	3	W	2.79	0.91	8.78	0.7	6.4	
	RSE Column Factors:	1	0.6	0.7	0.7	0.8	0.7		
311	Food	W	W	W	W	W	W	6.7	

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	TOTAL (million Btu)	Acetylene (cu ft)	Breeze (short tons)	Coal Total (short tons)	Coal Components			Coal Coke (short tons)	Petroleum Coke (gallons)
						Anthracite (short tons)	Bituminous and Subbituminous Coal (short tons)	Lignite (short tons)		
311221	Wet Corn Milling	3.96	W	0	W	0	51.19	0	0	0
31131	Sugar	W	W	0	W	0	W	0	0	0
311421	Fruit and Vegetable Canning	6.25	Q	0	0	0	0	0	0	0
312	Beverage and Tobacco Products	6.8	0.17	0	54.99	0	54.99	0	0	0
3121	Beverages	7.43	0.19	0	52.93	0	52.93	0	0	0
3122	Tobacco	5.9	W	0	55.29	0	55.29	0	0	0
313	Textile Mills	7.61	0.15	0	50.42	0	50.42	0	0	0
314	Textile Product Mills	6.7	Q	0	W	W	Q	0	0	0
315	Apparel	10.18	W	0	0	0	0	0	0	0
316	Leather and Allied Products	13.16	W	0	0	0	0	0	0	0
321	Wood Products	7.66	0.14	0	W	0	W	0	0	0
321113	Sawmills	6.85	0.15	0	0	0	0	0	0	0
3212	Veneer, Plywood, and Engineered Woods	8.04	0.13	0	W	0	W	0	0	0
3219	Other Wood Products	8.9	Q	0	0	0	0	0	0	0
322	Paper	3.92	0.11	0	43.07	W	42.8	0	0	W
322110	Pulp Mills	3.75	0	0	54.94	0	W	0	0	W
322121	Paper Mills, except Newsprint	3.46	Q	0	W	0	39.18	0	0	W
322122	Newsprint Mills	5.26	0.11	0	W	0	43.25	0	0	0
322130	Paperboard Mills	3.55	0.14	0	46.43	W	46.05	0	0	W
323	Printing and Related Support	11.99	0.18	0	0	0	0	0	0	0
324	Petroleum and Coal Products	3.6	Q	W	W	0	W	0	0	W
324110	Petroleum Refineries	4.35	0	0	0	0	0	0	0	0
324199	Other Petroleum and Coal Products	Q	0.12	W	W	0	W	0	0	W
325	Chemicals	4.95	Q	0	43.79	W	43.77	W	W	0.46
325110	Petrochemicals	W	0	0	W	0	W	0	0	0
325120	Industrial Gases	3.75	W	0	0	0	0	0	0	0
325181	Alkalies and Chlorine	5.18	0	0	W	0	W	0	0	0
325182	Carbon Black	W	W	0	0	0	0	0	0	W
325188	Other Basic Inorganic Chemicals	6.6	0.15	0	W	0	50.88	0	0	0
325192	Cyclic Crudes and Intermediates	5.14	0	0	W	0	W	0	0	0
325193	Ethyl Alcohol	W	0	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	4.99	W	0	Q	0	Q	0	0	0
325211	Plastics Materials and Resins	4.9	W	0	W	0	Q	0	0	0
325212	Synthetic Rubber	5.43	W	0	W	0	W	0	0	0
325222	Noncellulosic Organic Fibers	5.36	0.14	0	W	0	W	0	0	0
325311	Nitrogenous Fertilizers	3.4	W	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	4.94	W	0	50.81	0	W	0	W	0
3254	Pharmaceuticals and Medicines	8.45	W	0	0	0	0	0	0	0
325412	Pharmaceutical Preparation	8.56	W	0	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	W	W	0	0	0	0	0	0	0
326	Plastics and Rubber Products	9.38	0.14	0	0	0	0	0	0	0
327	Nonmetallic Mineral Products	4.51	0.18	0	W	W	42.4	W	29.28	0.15
3272	Glass and Glass Products	5.86	0.15	0	W	W	0	0	0	0
327211	Flat Glass	4.68	0.2	0	W	W	0	0	0	0
327213	Glass Containers	5.59	W	0	0	0	0	0	0	0
327310	Cements	3.02	0.14	0	41.92	W	41.73	0	W	0.14

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Total Diesel Fuel and Distillate Fuel Oil (gallons)	Diesel Fuel (gallons)	Distillate Fuel Oil (gallons)	Residual Fuel Oil (gallons)
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)				
311221	Wet Corn Milling	0.034	0.034	0	1.17	W	W	0
31131	Sugar	0.065	0.065	0.052	1.21	0.99	W	0.9
311421	Fruit and Vegetable Canning	0.055	0.055	0	Q	1.21	W	W
312	Beverage and Tobacco Products	0.05	0.05	0.056	Q	Q	0.81	0.76
3121	Beverages	0.053	0.053	0.056	Q	Q	W	W
3122	Tobacco	0.047	0.047	0	0.8	W	0.8	W
313	Textile Mills	0.041	0.041	0.04	0.95	1.23	W	W
314	Textile Product Mills	0.05	0.05	0.046	Q	1.14	Q	W
315	Apparel	0.057	0.056	Q	Q	W	W	0.75
316	Leather and Allied Products	0.071	0.071	0	0.74	0	W	0
321	Wood Products	W	0.054	0.045	0.91	0.91	Q	0.81
321113	Sawmills	W	0.059	0.054	0.98	0.98	Q	0
3212	Veneer, Plywood, and Engineered Woods	0.047	0.047	0.04	0.91	0.92	W	0.81
3219	Other Wood Products	0.065	0.065	Q	1.13	1.13	W	0
322	Paper	W	0.038	0.038	0.69	0.95	0.65	0.52
322110	Pulp Mills	W	0.043	0	0.6	0.91	W	0.55
322121	Paper Mills, except Newsprint	W	0.034	0.039	0.72	0.99	0.68	W
322122	Newsprint Mills	0.031	0.03	W	1.1	1.2	W	W
322130	Paperboard Mills	W	0.037	0.035	0.8	0.93	0.75	0.48
323	Printing and Related Support	0.058	0.058	0.076	0.81	Q	0.79	Q
324	Petroleum and Coal Products	0.04	0.041	0.037	0.78	0.77	Q	0.47
324110	Petroleum Refineries	0.039	0.04	0.036	0.99	W	W	0
324199	Other Petroleum and Coal Products	0.044	0.044	0	0.77	0.77	W	0
325	Chemicals	0.037	0.037	0.036	0.82	0.82	0.82	0.53
325110	Petrochemicals	W	0.037	0.037	W	W	W	W
325120	Industrial Gases	W	0.036	0.038	W	W	W	0
325181	Alkalies and Chlorine	0.031	0.031	W	W	W	W	0
325182	Carbon Black	W	0.045	0	1.13	1.13	W	0.52
325188	Other Basic Inorganic Chemicals	W	0.028	0.031	0.97	W	1.8	W
325192	Cyclic Crudes and Intermediates	0.033	0.041	W	1.22	1.46	W	W
325193	Ethyl Alcohol	0.041	0.041	0	W	W	0	0
325199	Other Basic Organic Chemicals	W	0.037	0.036	0.88	1.02	Q	0.61
325211	Plastics Materials and Resins	W	0.042	0.038	0.83	1.04	W	W
325212	Synthetic Rubber	W	0.043	0.067	0.71	0.79	W	0.66
325222	Noncellulosic Organic Fibers	W	0.038	0.036	0.86	0.97	0.83	W
325311	Nitrogenous Fertilizers	0.039	0.039	0.038	0.87	0.89	W	0
325312	Phosphatic Fertilizers	W	0.055	0.036	0.82	0.73	W	0.57
3254	Pharmaceuticals and Medicines	0.047	0.048	0.043	0.67	1.2	0.64	0.59
325412	Pharmaceutical Preparation	0.047	0.047	0.044	0.66	0.91	0.65	W
325992	Photographic Film, Paper, Plate, and Chemicals	W	0.053	0.067	0.86	W	W	0.61
326	Plastics and Rubber Products	0.046	0.046	0.055	0.92	1.04	W	W
327	Nonmetallic Mineral Products	0.044	0.044	0.048	1.07	1.11	W	W
3272	Glass and Glass Products	0.042	0.042	0.043	0.96	0.98	W	W
327211	Flat Glass	0.037	0.037	0	1	1.09	W	W
327213	Glass Containers	0.042	0.042	0.047	0.9	W	0	0
327310	Cements	0.039	0.039	0.041	0.79	0.88	W	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Blast Furnace Gas (million Btu)	Coke Oven Gas (million Btu)	Motor Gasoline (excluding Highway Usage) (gallons)	Hydrogen (million Btu)	Kerosene (gallons)	Pulping Liquor or Black Liquor (million Btu)	LPG and NGL(d) (gallons)	Natural Gas Total (1000 cu ft)
311221	Wet Corn Milling	0	0	W	0	W	0	1.25	W
31131	Sugar	0	0	W	0	0	0	0.89	W
311421	Fruit and Vegetable Canning	0	0	1.18	0	W	0	Q	4.57
312	Beverage and Tobacco Products	0	0	1.27	W	1.89	0	0.6	4.35
3121	Beverages	0	0	1.28	W	W	0	W	W
3122	Tobacco	0	0	1.27	0	W	0	W	W
313	Textile Mills	0	0	1.36	W	0	0	W	5.08
314	Textile Product Mills	0	0	Q	W	W	0	Q	4.34
315	Apparel	0	0	W	0	W	0	Q	4.63
316	Leather and Allied Products	0	0	W	0	0	0	0.96	6.18
321	Wood Products	0	0	1.24	W	2.07	0	W	4.72
321113	Sawmills	0	0	1.15	W	2.52	0	0.84	3.92
3212	Veneer, Plywood, and Engineered Woods	0	0	1.26	0	1.28	0	W	4.82
3219	Other Wood Products	0	0	1.88	0	1.96	0	0.99	5.46
322	Paper	0	0	1.23	1.7	0.86	2.17	0.79	4.05
322110	Pulp Mills	0	0	1.33	0	W	W	W	3.84
322121	Paper Mills, except Newsprint	0	0	1.25	W	0.85	0	0.73	4.07
322122	Newsprint Mills	0	0	0.93	0	W	W	0.83	3.88
322130	Paperboard Mills	0	0	1.21	1.47	1.42	W	0.85	3.91
323	Printing and Related Support	0	0	Q	W	W	0	0.93	5.53
324	Petroleum and Coal Products	0	0	0.99	4.59	1.17	0	Q	3.48
324110	Petroleum Refineries	0	0	0	4.59	0	0	0.93	3.44
324199	Other Petroleum and Coal Products	0	0	1.39	0	W	0	1.24	4.17
325	Chemicals	0	0	1.16	1.09	W	W	0.5	3.39
325110	Petrochemicals	0	0	1	8.29	W	0	0.49	3.5
325120	Industrial Gases	0	0	W	W	W	0	W	3.74
325181	Alkalies and Chlorine	0	0	W	W	0	0	W	W
325182	Carbon Black	0	0	1.24	0	W	W	0.95	3.26
325188	Other Basic Inorganic Chemicals	0	0	0.95	4.92	W	0	W	4.03
325192	Cyclic Crudes and Intermediates	0	0	W	6.11	0	0	W	3.58
325193	Ethyl Alcohol	0	0	W	0	0	0	1.05	W
325199	Other Basic Organic Chemicals	0	0	1.14	6.77	W	0	0.6	3.42
325211	Plastics Materials and Resins	0	0	1.32	2.31	W	0	0.44	2.83
325212	Synthetic Rubber	0	0	1.37	37.83	W	0	W	3.45
325222	Noncellulosic Organic Fibers	0	0	1.44	W	1.26	0	0.79	3.85
325311	Nitrogenous Fertilizers	0	0	1.39	0	0	0	1.51	3.33
325312	Phosphatic Fertilizers	0	0	W	0	0	0	1.09	3.52
3254	Pharmaceuticals and Medicines	0	0	1.32	W	W	0	0.9	4.88
325412	Pharmaceutical Preparation	0	0	W	W	0	0	1.2	4.76
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	W	0	0	0	0.81	5.55
326	Plastics and Rubber Products	0	0	Q	1342.07	W	0	W	4.95
327	Nonmetallic Mineral Products	0	0	1.38	1.76	Q	0	0.98	4.2
3272	Glass and Glass Products	0	0	1.29	1.7	2.09	0	W	4.27
327211	Flat Glass	0	0	1.46	1.47	2.29	0	1.16	4.27
327213	Glass Containers	0	0	W	0	0	0	0.75	3.98
327310	Cements	0	0	1.35	0	W	0	2.12	3.92

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Natural Gas Components		Steam Components			Waste Gases and Byproduct Gases (million Btu)	Waste Oils and Tars (million Btu)	Industrial Hot Water Total (million Btu)
		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)			
311221	Wet Corn Milling	5.42	3.62	2	0	2	0	0	0
31131	Sugar	4.17	3.81	0	0	0	0	0	0
311421	Fruit and Vegetable Canning	4.69	4.49	0	0	0	0	0	0
312	Beverage and Tobacco Products	4.35	4.35	0	0	0	0	0	0
3121	Beverages	4.12	4.25	0	0	0	0	0	0
3122	Tobacco	5.4	4.75	0	0	0	0	0	0
313	Textile Mills	5.41	4.53	4.25	W	4.15	0	0	0
314	Textile Product Mills	4.27	4.41	0	0	0	0	0	W
315	Apparel	4.99	3.92	0	0	0	0	0	0
316	Leather and Allied Products	6.45	5.61	0	0	0	0	0	0
321	Wood Products	4.99	4.24	3.3	0	3.3	0	W	0
321113	Sawmills	4.16	3.67	3.83	0	3.83	0	0	0
3212	Veneer, Plywood, and Engineered Woods	5.01	4.5	4.71	0	4.71	0	0	0
3219	Other Wood Products	5.46	5.29	Q	0	Q	0	0	0
322	Paper	4.45	3.94	4.95	Q	5.43	0	2.81	0
322110	Pulp Mills	4.5	3.73	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	4.37	3.99	9.94	0	9.94	0	W	0
322122	Newsprint Mills	W	3.88	W	0	W	0	0	0
322130	Paperboard Mills	4.2	3.89	4.17	Q	W	0	W	0
323	Printing and Related Support	5.69	5.19	5.07	5.07	0	0	0	0
324	Petroleum and Coal Products	3.69	3.46	4.31	9.29	4.08	W	0	W
324110	Petroleum Refineries	3.42	3.44	4.31	9.29	4.08	0	0	W
324199	Other Petroleum and Coal Products	4.29	4.09	0	0	0	0	0	0
325	Chemicals	3.87	3.34	4.28	3.79	4.34	3.96	W	W
325110	Petrochemicals	4.03	3.49	W	0	W	0	0	0
325120	Industrial Gases	3.41	3.83	4.23	0	4.23	0	0	0
325181	Alkalies and Chlorine	4.36	W	W	W	0	0	0	0
325182	Carbon Black	3.14	3.53	0	0	0	0	W	0
325188	Other Basic Inorganic Chemicals	3.86	4.06	7.11	W	6.44	W	0	0
325192	Cyclic Crudes and Intermediates	3.52	3.62	4.41	0	4.41	W	W	0
325193	Ethyl Alcohol	3.79	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	3.64	3.4	3.64	W	3.7	3.98	W	0
325211	Plastics Materials and Resins	4.21	2.72	4.58	W	4.53	0	0	0
325212	Synthetic Rubber	3.49	3.44	5.29	0	5.29	0	0	0
325222	Noncellulosic Organic Fibers	4.29	3.62	4.39	0	4.39	W	0	W
325311	Nitrogenous Fertilizers	3.91	3.33	5.95	0	5.95	0	0	0
325312	Phosphatic Fertilizers	4.7	3.38	5.98	0	5.98	0	0	0
3254	Pharmaceuticals and Medicines	5.08	4.51	4.09	7.24	4.07	0	0	0
325412	Pharmaceutical Preparation	4.99	4.29	4.27	0	4.27	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	6.24	4.52	0	0	0	0	0	0
326	Plastics and Rubber Products	4.97	4.9	2.26	3.59	Q	0	0	W
327	Nonmetallic Mineral Products	4.3	4.09	3.41	5.16	3.28	W	1.84	W
3272	Glass and Glass Products	4.34	4.18	5.3	5.3	0	0	0	W
327211	Flat Glass	4.27	4.11	0	0	0	0	0	0
327213	Glass Containers	5.4	3.88	0	0	0	0	0	0
327310	Cements	4.22	3.55	3.28	0	3.28	W	1.74	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	TOTAL (million Btu)	Acetylene (cu ft)	Breeze (short tons)	Coal Total (short tons)	Coal Components			Coal Coke (short tons)	Petroleum Coke (gallons)
						Anthracite (short tons)	Bituminous and Subbituminous Coal (short tons)	Lignite (short tons)		
327410	Lime	2.35	W	0	43.88	0	43.74	W	0	0.14
327993	Mineral Wool	5.88	0.25	0	0	0	0	0	W	0
331	Primary Metals	5.45	0.13	W	55.37	107.73	51.08	W	121.01	0.16
331111	Iron and Steel Mills	5.2	0.11	W	52.5	99	W	0	116.48	0.51
331112	Electrometallurgical Ferroalloy Products	W	W	0	W	0	W	0	W	0
3312	Steel Products from Purchased Steel	8.58	0.15	0	197.4	0	W	0	0	0
3313	Alumina and Aluminum	5.17	0.14	0	W	W	0	0	W	0.16
331312	Primary Aluminum	5.03	W	0	W	W	0	0	0	0.16
3314	Nonferrous Metals, except Aluminum	6.8	Q	W	80	0	W	0	W	0
3315	Foundries	7.6	0.15	0	W	W	106.64	W	176.34	W
331511	Iron Foundries	7.8	0.14	0	74.11	0	W	0	176.34	W
331521	Aluminum Die-Casting Foundries	7.09	0.13	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	6.3	W	0	0	0	0	0	0	0
332	Fabricated Metal Products	9.81	0.12	0	Q	W	0	0	0	0
333	Machinery	11.94	Q	0	0	0	0	0	0	0
334	Computer and Electronic Products	12.42	Q	0	0	0	0	0	0	0
334413	Semiconductors and Related Devices	11.35	0.55	0	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	4.74	0.13	W	62	0	W	0	0	W
336	Transportation Equipment	9.08	0.12	0	48.63	0	W	0	0	0
336112	Light Trucks and Utility Vehicles	W	W	0	0	0	0	0	0	0
337	Furniture and Related Products	6.14	Q	0	W	0	64.08	0	0	0
339	Miscellaneous	10.96	Q	0	0	0	0	0	0	0
	Total	5.17	Q	W	44.64	68.66	44.32	W	116.63	0.26
West Census Region										
	RSE Column Factors:	1.3	2.4	0.4	0.7	0.5	0.7	0.8	0.5	0.6
311	Food	8.38	0.21	0	W	0	W	0	W	0
311221	Wet Corn Milling	4.95	0	0	0	0	0	0	0	0
31131	Sugar	W	W	0	W	0	W	0	W	0
311421	Fruit and Vegetable Canning	7.37	0.15	0	0	0	0	0	0	0
312	Beverage and Tobacco Products	9.69	0.19	0	0	0	0	0	0	0
3121	Beverages	9.69	0.19	0	0	0	0	0	0	0
3122	Tobacco	W	0	0	0	0	0	0	0	0
313	Textile Mills	8.26	W	0	0	0	0	0	0	0
314	Textile Product Mills	14.15	0	0	0	0	0	0	0	0
315	Apparel	13.55	0	0	0	0	0	0	0	0
316	Leather and Allied Products	20	0	0	0	0	0	0	0	0
321	Wood Products	1.9	0.15	0	0	0	0	0	0	0
321113	Sawmills	4.84	0.14	0	0	0	0	0	0	0
3212	Veneer, Plywood, and Engineered Woods	0.76	0.14	0	0	0	0	0	0	0
3219	Other Wood Products	25.97	0.26	0	0	0	0	0	0	0
322	Paper	6.31	0.14	0	W	W	W	0	0	0
322110	Pulp Mills	W	0	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	5.79	W	0	0	0	0	0	0	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Total Diesel Fuel and Distillate Fuel Oil (gallons)	Diesel Fuel (gallons)	Distillate Fuel Oil (gallons)	Residual Fuel Oil (gallons)
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)				
327410	Lime	0.039	0.039	0	0.9	0.91	W	0
327993	Mineral Wool	0.041	0.04	0.045	1.25	1.25	0	0
331	Primary Metals	W	0.032	0.028	0.91	0.91	0.97	0.72
331111	Iron and Steel Mills	0.033	0.033	0.038	0.89	0.89	W	0.72
331112	Electrometallurgical Ferroalloy Products	W	W	W	W	W	W	0
3312	Steel Products from Purchased Steel	W	0.041	0.044	1.02	1.08	W	0
3313	Alumina and Aluminum	0.028	0.028	0.026	1.04	1.04	W	0
331312	Primary Aluminum	W	0.025	W	0.95	0.95	W	0
3314	Nonferrous Metals, except Aluminum	0.037	0.04	0.028	0.84	0.84	W	0
3315	Foundries	0.042	0.041	0.053	0.88	0.88	W	0
331511	Iron Foundries	0.045	0.044	Q	0.86	0.86	W	0
331521	Aluminum Die-Casting Foundries	0.05	0.05	0.074	0.82	W	0	0
331524	Aluminum Foundries, except Die-Casting	0.044	0.044	Q	Q	Q	0	0
332	Fabricated Metal Products	0.055	0.055	Q	1.11	1.03	W	Q
333	Machinery	0.055	0.055	Q	Q	0.99	W	0
334	Computer and Electronic Products	0.048	0.049	0.041	Q	0.82	W	0
334413	Semiconductors and Related Devices	0.044	0.045	0.04	1.05	1.05	W	0
335	Electrical Equip., Appliances, and Components	0.049	0.048	0.051	0.84	0.89	W	Q
336	Transportation Equipment	0.047	0.047	Q	1.16	1.21	0.81	0.5
336112	Light Trucks and Utility Vehicles	0.04	0.04	0	W	W	W	0
337	Furniture and Related Products	0.061	0.061	Q	1.01	1.17	W	0
339	Miscellaneous	0.054	0.054	0.059	0.92	1.55	W	Q
	Total	0.041	0.042	0.037	0.9	0.98	0.75	0.53
RSE Column Factors:		1.4	1.7	0.9	1.6	1.6	0.8	0.9
311	Food	W	0.079	0.092	1.01	1.01	W	0.61
311221	Wet Corn Milling	W	0.044	0	W	W	W	0
31131	Sugar	0.06	0.06	0	0.93	0.93	W	W
311421	Fruit and Vegetable Canning	0.087	0.087	0.093	0.88	W	W	Q
312	Beverage and Tobacco Products	0.083	0.091	0.045	1.16	1.18	W	0
3121	Beverages	0.083	0.091	0.045	1.16	1.18	W	0
3122	Tobacco	0.103	0.103	0	0	0	0	0
313	Textile Mills	0.067	0.066	0.095	0	0	0	0
314	Textile Product Mills	0.105	0.105	0.105	0	0	0	0
315	Apparel	0.085	0.085	0	Q	W	W	0
316	Leather and Allied Products	0.112	0.112	0	Q	W	W	0
321	Wood Products	W	0.058	0.052	1.09	1.12	0.96	0.57
321113	Sawmills	W	0.056	W	1.11	1.15	1	W
3212	Veneer, Plywood, and Engineered Woods	0.05	0.051	0.048	1.01	1.02	W	0
3219	Other Wood Products	0.077	0.076	0.083	1.19	1.2	W	0
322	Paper	W	0.045	0.042	0.59	0.99	W	0.56
322110	Pulp Mills	0.032	0.028	0.041	1.01	W	W	0.59
322121	Paper Mills, except Newsprint	0.039	0.042	0.031	1.08	1.08	W	0.59

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Blast Furnace Gas (million Btu)	Coke Oven Gas (million Btu)	Motor Gasoline (excluding Highway Usage) (gallons)	Hydrogen (million Btu)	Kerosene (gallons)	Pulping Liquor or Black Liquor (million Btu)	LPG and NGL(d) (gallons)	Natural Gas Total (1000 cu ft)
327410	Lime	0	0	1.2	0	W	0	1.73	3.75
327993	Mineral Wool	0	0	1.09	0	W	0	0.85	4
331	Primary Metals	0	0	1.23	12.07	1.5	0	0.83	4.13
331111	Iron and Steel Mills	0	0	1.24	17.46	1.89	0	1.05	3.96
331112	Electrometallurgical Ferroalloy Products	0	0	W	0	0	0	W	W
3312	Steel Products from Purchased Steel	0	0	1.39	9.7	1.54	0	0.9	4.85
3313	Alumina and Aluminum	0	0	1.25	W	1.38	0	W	W
331312	Primary Aluminum	0	0	1.25	W	W	0	0.79	W
3314	Nonferrous Metals, except Aluminum	0	0	1.27	W	1.45	0	0.72	4.44
3315	Foundries	0	0	1.09	W	1.54	0	W	W
331511	Iron Foundries	0	0	1.04	W	1.16	0	0.77	4.33
331521	Aluminum Die-Casting Foundries	0	0	W	0	1.81	0	0.8	5.11
331524	Aluminum Foundries, except Die-Casting	0	0	1.27	0	W	0	0.86	4.42
332	Fabricated Metal Products	0	0	1.29	0	1.47	0	1.03	4.83
333	Machinery	0	0	1.41	W	Q	0	0.97	5.78
334	Computer and Electronic Products	0	0	1.55	37.78	W	0	0.96	5.45
334413	Semiconductors and Related Devices	0	0	1.41	33.71	W	0	Q	5.11
335	Electrical Equip., Appliances, and Components	0	0	Q	Q	1.62	0	0.85	5.02
336	Transportation Equipment	0	0	1.21	W	Q	0	0.82	4.81
336112	Light Trucks and Utility Vehicles	0	0	W	0	0	0	W	W
337	Furniture and Related Products	0	0	Q	0	Q	0	0.77	4.86
339	Miscellaneous	0	0	1.53	W	W	0	0.86	4.84
	Total	0	0	1.27	2.08	W	2.69	0.5	3.75
	RSE Column Factors:	0	0	1.7	0.7	1	0	2.1	1.5
311	Food	0	0	1.45	W	W	0	Q	4.87
311221	Wet Corn Milling	0	0	W	0	0	0	0.95	W
31131	Sugar	0	0	W	0	0	0	0.96	W
311421	Fruit and Vegetable Canning	0	0	1.63	0	W	0	0.81	5.02
312	Beverage and Tobacco Products	0	0	1.57	W	W	0	0.95	4.51
3121	Beverages	0	0	1.57	W	W	0	W	W
3122	Tobacco	0	0	0	0	0	0	0	0
313	Textile Mills	0	0	W	0	0	0	0.91	Q
314	Textile Product Mills	0	0	0	0	0	0	1.45	5.71
315	Apparel	0	0	W	0	0	0	1.74	Q
316	Leather and Allied Products	0	0	0	0	0	0	0	Q
321	Wood Products	0	0	1.41	0	1.26	0	0.74	5.19
321113	Sawmills	0	0	1.37	0	W	0	0.62	5.04
3212	Veneer, Plywood, and Engineered Woods	0	0	1.42	0	W	0	0.73	4.94
3219	Other Wood Products	0	0	1.55	0	W	0	0.91	6.6
322	Paper	0	0	1.3	W	W	0	0.83	4.44
322110	Pulp Mills	0	0	W	0	0	0	1.11	5.09
322121	Paper Mills, except Newsprint	0	0	W	0	W	0	0.72	4.44

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Natural Gas Components		Steam Components			Waste Gases and Byproduct Gases (million Btu)	Waste Oils and Tars (million Btu)	Industrial Hot Water Total (million Btu)
		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)			
327410	Lime	3.62	3.8	0	0	0	0	W	0
327993	Mineral Wool	4.13	3.96	0	0	0	0	0	0
331	Primary Metals	4.68	3.91	W	7.5	W	0	W	0
331111	Iron and Steel Mills	4.32	3.82	0	0	0	0	0	0
331112	Electrometallurgical Ferroalloy Products	4.37	Q	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	4.86	4.82	7.5	7.5	0	0	0	0
3313	Alumina and Aluminum	5.44	3.94	W	0	W	0	W	0
331312	Primary Aluminum	W	3.75	W	0	W	0	W	0
3314	Nonferrous Metals, except Aluminum	4.99	4.03	0	0	0	0	0	0
3315	Foundries	4.67	4.36	0	0	0	0	W	0
331511	Iron Foundries	4.27	4.87	0	0	0	0	0	0
331521	Aluminum Die-Casting Foundries	5.74	4.5	0	0	0	0	W	0
331524	Aluminum Foundries, except Die-Casting	5.41	3.88	0	0	0	0	0	0
332	Fabricated Metal Products	4.78	4.95	0	0	0	0	0	0
333	Machinery	6	4.58	Q	0	Q	W	0	0
334	Computer and Electronic Products	5.88	4.74	6.11	6.11	0	0	0	W
334413	Semiconductors and Related Devices	5.68	4.6	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	5.46	4.53	0	0	0	0	0	0
336	Transportation Equipment	5.03	4.55	8.81	0	8.81	0	0	W
336112	Light Trucks and Utility Vehicles	W	4.03	8.81	0	8.81	0	0	0
337	Furniture and Related Products	4.7	Q	1.92	0	1.92	0	0	0
339	Miscellaneous	4.81	5.6	0	0	0	0	0	0
	Total	4.54	3.54	4.27	4.39	4.26	3.92	3.55	W
RSE Column Factors:									
		1.9	1.2	1	0.8	1.1	1.9	0.9	0
311	Food	5.16	4.73	3.55	0	3.55	0	W	0
311221	Wet Corn Milling	4.97	W	0	0	0	0	0	0
31131	Sugar	3.61	2.97	3.02	0	3.02	0	0	0
311421	Fruit and Vegetable Canning	4.41	5.14	0	0	0	0	W	0
312	Beverage and Tobacco Products	6.27	3.84	4.52	0	4.52	0	0	0
3121	Beverages	6.27	3.84	4.52	0	4.52	0	0	0
3122	Tobacco	0	0	0	0	0	0	0	0
313	Textile Mills	Q	5.05	4.49	4.49	0	0	0	0
314	Textile Product Mills	6.19	4.83	0	0	0	0	0	0
315	Apparel	Q	Q	0	0	0	0	0	0
316	Leather and Allied Products	Q	0	0	0	0	0	0	0
321	Wood Products	5.59	4.72	4.29	4.32	4.29	0	W	0
321113	Sawmills	4.98	5.15	5.38	0	5.38	0	0	0
3212	Veneer, Plywood, and Engineered Woods	5.71	4.54	4.05	4.32	4.02	0	0	0
3219	Other Wood Products	6.87	4.96	Q	0	Q	0	W	0
322	Paper	5.15	4.32	5.24	3.53	5.47	0	W	0
322110	Pulp Mills	10.34	3.17	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	4.9	4.41	4.9	0	4.9	0	0	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

		Selected Wood and Other Biomass Components							
NAICS Code(a)	Subsector and Industry	Biomass Total(e) (million Btu)	Agricultural Waste (million Btu)	Wood Harvested Directly from Trees (million Btu)	Wood Residues and Byproducts from Mill Processing (million Btu)	Wood-Related and Paper-Related Refuse (million Btu)	All Other Energy Sources (million Btu)	RSE Row Factors	
327410	Lime	0	0	0	0	0	0	0.8	
327993	Mineral Wool	W	0	0	0	W	0	1.9	
331	Primary Metals	W	0	0	W	0	W	2.1	
331111	Iron and Steel Mills	0	0	0	0	0	0	1.5	
331112	Electrometallurgical Ferroalloy Products	0	0	0	0	0	0	7.9	
3312	Steel Products from Purchased Steel	0	0	0	0	0	0	6.7	
3313	Alumina and Aluminum	0	0	0	0	0	0	2.2	
331312	Primary Aluminum	0	0	0	0	0	0	0.8	
3314	Nonferrous Metals, except Aluminum	W	0	0	W	0	0	3.4	
3315	Foundries	0	0	0	0	0	W	1.5	
331511	Iron Foundries	0	0	0	0	0	W	1.5	
331521	Aluminum Die-Casting Foundries	0	0	0	0	0	0	1.5	
331524	Aluminum Foundries, except Die-Casting	0	0	0	0	0	0	1.8	
332	Fabricated Metal Products	W	0	0	0	W	W	14.4	
333	Machinery	0	0	0	0	0	W	10.8	
334	Computer and Electronic Products	0	0	0	0	0	0	4.7	
334413	Semiconductors and Related Devices	0	0	0	0	0	0	1.4	
335	Electrical Equip., Appliances, and Components	0	0	0	0	0	W	12.2	
336	Transportation Equipment	0	0	0	0	0	W	3.7	
336112	Light Trucks and Utility Vehicles	0	0	0	0	0	0	0.6	
337	Furniture and Related Products	W	0	0	W	0	0	19.2	
339	Miscellaneous	0	0	0	0	0	0	10.2	
	Total	1.98	Q	3.23	1.27	5.54	1.15	5.1	
RSE Column Factors:									
		0.9	0.4	1.8	0.5	1.1	1.1		
311	Food	W	W	0	0	0	0	8.1	
311221	Wet Corn Milling	0	0	0	0	0	0	2.5	
31131	Sugar	0	0	0	0	0	0	0.8	
311421	Fruit and Vegetable Canning	0	0	0	0	0	0	6.4	
312	Beverage and Tobacco Products	W	0	0	0	W	0	4	
3121	Beverages	W	0	0	0	W	0	4	
3122	Tobacco	0	0	0	0	0	0	0.7	
313	Textile Mills	0	0	0	0	0	0	6.3	
314	Textile Product Mills	0	0	0	0	0	0	7.5	
315	Apparel	0	0	0	0	0	0	22.2	
316	Leather and Allied Products	0	0	0	0	0	0	23.9	
321	Wood Products	0.59	W	4.71	0.18	W	0	5.7	
321113	Sawmills	1.53	W	W	1.17	0	0	6.6	
3212	Veneer, Plywood, and Engineered Woods	W	0	W	W	W	0	3.2	
3219	Other Wood Products	W	0	W	W	0	0	13.8	
322	Paper	4.21	W	0	2.71	8.19	W	1.8	
322110	Pulp Mills	W	0	0	W	0	0	0.8	
322121	Paper Mills, except Newsprint	4.76	0	0	W	W	W	1.3	

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	TOTAL (million Btu)	Acetylene (cu ft)	Breeze (short tons)	Coal Total (short tons)	Coal Components			Coal Coke (short tons)	Petroleum Coke (gallons)
						Anthracite (short tons)	Bituminous and Subbituminous Coal (short tons)	Lignite (short tons)		
322122	Newsprint Mills	7.16	W	0	0	0	0	0	0	0
322130	Paperboard Mills	5.24	W	0	W	W	W	0	0	0
323	Printing and Related Support	14.13	0.31	0	0	0	0	0	0	0
324	Petroleum and Coal Products	4.6	0.2	0	0	0	0	0	0	W
324110	Petroleum Refineries	4.89	W	0	0	0	0	0	0	0
324199	Other Petroleum and Coal Products	W	0	0	0	0	0	0	0	W
325	Chemicals	4.83	0.16	0	W	0	W	W	W	W
325110	Petrochemicals	0	0	0	0	0	0	0	0	0
325120	Industrial Gases	10.65	0	0	0	0	0	0	0	0
325181	Alkalies and Chlorine	4.23	W	0	28.14	0	W	0	0	0
325182	Carbon Black	W	W	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	4.07	W	0	W	0	W	0	W	W
325192	Cyclic Crudes and Intermediates	5.42	0	0	0	0	0	0	0	0
325193	Ethyl Alcohol	W	0	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	4.37	0	0	0	0	0	0	0	0
325211	Plastics Materials and Resins	12.46	W	0	0	0	0	0	0	0
325212	Synthetic Rubber	16.23	W	0	0	0	0	0	0	0
325222	Noncellulosic Organic Fibers	W	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	1.9	W	0	193.98	0	0	W	0	0
325312	Phosphatic Fertilizers	5.75	W	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	13.7	0.24	0	0	0	0	0	0	0
325412	Pharmaceutical Preparation	13.74	W	0	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	9	0	0	0	0	0	0	0	0
326	Plastics and Rubber Products	19.53	0.2	0	0	0	0	0	0	0
327	Nonmetallic Mineral Products	5.14	0.17	W	W	0	35.49	W	38.35	0.15
3272	Glass and Glass Products	7.43	0.16	0	0	0	0	0	0	0
327211	Flat Glass	5.62	0.16	0	0	0	0	0	0	0
327213	Glass Containers	7.34	W	0	0	0	0	0	0	0
327310	Cements	3.51	0.33	W	35.93	0	35.93	0	W	0.15
327410	Lime	2.2	W	0	W	0	W	0	0	W
327993	Mineral Wool	8.55	W	0	0	0	0	0	W	0
331	Primary Metals	7.5	0.08	W	133.46	W	W	0	195.2	0.21
331111	Iron and Steel Mills	7.84	W	W	132.49	W	0	0	W	W
331112	Electrometallurgical Ferroalloy Products	W	W	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	13.36	0.15	0	0	0	0	0	0	0
3313	Alumina and Aluminum	W	0.12	0	0	0	0	0	0	W
331312	Primary Aluminum	W	0	0	0	0	0	0	0	W
3314	Nonferrous Metals, except Aluminum	7.13	0.2	0	0	0	0	0	W	W
3315	Foundries	11.95	0.3	0	W	0	W	0	W	0
331511	Iron Foundries	8.78	0.19	0	W	0	W	0	W	0
331521	Aluminum Die-Casting Foundries	18.67	Q	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	11.15	0.16	0	0	0	0	0	0	0
332	Fabricated Metal Products	16.38	0.19	0	0	0	0	0	0	0
333	Machinery	17.74	W	0	0	0	0	0	0	0
334	Computer and Electronic Products	6.17	Q	0	0	0	0	0	0	0
334413	Semiconductors and Related Devices	3.22	0.38	0	0	0	0	0	0	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Total Diesel Fuel and Distillate Fuel Oil (gallons)	Diesel Fuel (gallons)	Distillate Fuel Oil (gallons)	Residual Fuel Oil (gallons)
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)				
322122	Newsprint Mills	0.039	0.039	0	0.86	W	W	W
322130	Paperboard Mills	W	0.041	0.079	0.5	0.91	W	W
323	Printing and Related Support	0.089	0.088	0.132	1.53	W	0	0
324	Petroleum and Coal Products	0.065	0.073	0.043	0.83	0.84	W	0
324110	Petroleum Refineries	W	0.069	0.042	0	0	0	0
324199	Other Petroleum and Coal Products	0.1	0.1	0	0.95	W	W	0
325	Chemicals	0.047	0.046	0.053	0.92	0.97	W	0.72
325110	Petrochemicals	0	0	0	0	0	0	0
325120	Industrial Gases	0.042	0.042	0.045	0	0	0	0
325181	Alkalies and Chlorine	W	0.035	0	1	W	W	0
325182	Carbon Black	W	0.16	0	0	0	0	W
325188	Other Basic Inorganic Chemicals	0.029	0.028	W	0.85	0.9	W	Q
325192	Cyclic Crudes and Intermediates	W	0.115	0	W	W	W	W
325193	Ethyl Alcohol	0.1	0.1	0	1.47	W	W	0
325199	Other Basic Organic Chemicals	0.039	0.04	0.037	1.27	W	W	0.53
325211	Plastics Materials and Resins	W	0.069	0.111	1.78	1.78	W	0
325212	Synthetic Rubber	0.162	0.162	0	0	0	0	0
325222	Noncellulosic Organic Fibers	0.116	0.116	0	0	0	0	0
325311	Nitrogenous Fertilizers	0.059	0.057	0.125	1.04	W	W	0
325312	Phosphatic Fertilizers	W	0.041	0	1.06	W	W	0
3254	Pharmaceuticals and Medicines	0.086	0.087	0.079	1.53	1.59	W	0
325412	Pharmaceutical Preparation	0.079	0.081	0.076	1.28	1.32	W	0
325992	Photographic Film, Paper, Plate, and Chemicals	W	0.047	0	0.94	W	W	0
326	Plastics and Rubber Products	0.095	0.096	0.077	1.07	1.07	W	0
327	Nonmetallic Mineral Products	0.067	0.069	0.063	1.13	1.16	W	0.62
3272	Glass and Glass Products	W	0.071	0.064	1	1.05	W	W
327211	Flat Glass	W	0.085	W	1.04	1.04	W	W
327213	Glass Containers	W	0.064	W	W	W	W	0
327310	Cements	W	0.058	0.059	0.84	0.92	W	W
327410	Lime	W	0.049	0	W	W	W	W
327993	Mineral Wool	0.06	0.058	0.062	0.89	W	W	0
331	Primary Metals	W	0.049	0.035	0.86	0.86	1.43	0
331111	Iron and Steel Mills	0.042	0.038	0.049	1.07	1.07	W	0
331112	Electrometallurgical Ferroalloy Products	W	0.092	0	W	W	W	0
3312	Steel Products from Purchased Steel	W	0.099	0.078	1.41	1.41	W	0
3313	Alumina and Aluminum	W	0.05	0.03	1	1.01	W	0
331312	Primary Aluminum	0.032	0.042	0.029	1.03	1.03	W	0
3314	Nonferrous Metals, except Aluminum	0.038	0.041	0.023	0.81	W	W	0
3315	Foundries	W	0.091	0.099	1.12	1.12	W	0
331511	Iron Foundries	0.085	0.085	0.09	1.11	1.11	W	0
331521	Aluminum Die-Casting Foundries	W	0.126	0.14	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	0.107	0.107	0	2.3	2.3	W	0
332	Fabricated Metal Products	0.097	0.097	0.099	Q	Q	0	0
333	Machinery	0.097	0.097	0.096	1.05	W	W	0
334	Computer and Electronic Products	0.073	0.073	0.074	1.55	1.52	W	0.57
334413	Semiconductors and Related Devices	0.059	0.059	0.062	1.49	1.49	W	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Blast Furnace Gas (million Btu)	Coke Oven Gas (million Btu)	Motor Gasoline (excluding Highway Usage) (gallons)	Hydrogen (million Btu)	Kerosene (gallons)	Pulping Liquor or Black Liquor (million Btu)	LPG and NGL(d) (gallons)	Natural Gas Total (1000 cu ft)
322122	Newsprint Mills	0	0	W	0	W	0	W	W
322130	Paperboard Mills	0	0	1.26	W	0	0	0.71	4.39
323	Printing and Related Support	0	0	Q	0	0	0	1.05	4.75
324	Petroleum and Coal Products	0	0	W	W	0	0	Q	3.27
324110	Petroleum Refineries	0	0	0	W	0	0	0	3.18
324199	Other Petroleum and Coal Products	0	0	W	0	0	0	0	3.66
325	Chemicals	0	0	1.27	W	W	0	Q	2.64
325110	Petrochemicals	0	0	0	0	0	0	0	0
325120	Industrial Gases	0	0	0	0	0	0	0.49	W
325181	Alkalies and Chlorine	0	0	W	0	0	0	1.11	W
325182	Carbon Black	0	0	0	0	0	0	W	W
325188	Other Basic Inorganic Chemicals	0	0	1.43	W	0	0	1.09	4.08
325192	Cyclic Crudes and Intermediates	0	0	0	0	0	0	W	W
325193	Ethyl Alcohol	0	0	1.52	0	0	0	1.12	3
325199	Other Basic Organic Chemicals	0	0	W	W	W	0	Q	3.78
325211	Plastics Materials and Resins	0	0	W	0	0	0	1.34	4.98
325212	Synthetic Rubber	0	0	0	0	0	0	1.45	1.58
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	2.26	0
325311	Nitrogenous Fertilizers	0	0	1.78	0	W	0	0.57	1.57
325312	Phosphatic Fertilizers	0	0	W	0	0	0	0.9	3.13
3254	Pharmaceuticals and Medicines	0	0	Q	W	0	0	1.27	5.7
325412	Pharmaceutical Preparation	0	0	0	W	0	0	1.27	5.98
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0	0	0	0	0.92	4.2
326	Plastics and Rubber Products	0	0	1.56	W	W	0	1.14	5.29
327	Nonmetallic Mineral Products	0	0	1.28	5.07	1.34	0	1.01	4.37
3272	Glass and Glass Products	0	0	W	2.82	W	0	0.84	4.19
327211	Flat Glass	0	0	W	0.89	0	0	0.98	4.4
327213	Glass Containers	0	0	W	0	0	0	0.76	3.77
327310	Cements	0	0	1.35	0	W	0	1.09	3.98
327410	Lime	0	0	W	0	W	0	W	W
327993	Mineral Wool	0	0	W	0	0	0	0.84	3.77
331	Primary Metals	0	0	1.35	7.01	1.13	0	0.91	4.66
331111	Iron and Steel Mills	0	0	1.47	W	0	0	1.17	5.3
331112	Electrometallurgical Ferroalloy Products	0	0	0	0	0	0	W	W
3312	Steel Products from Purchased Steel	0	0	1.6	0	W	0	0.8	5.6
3313	Alumina and Aluminum	0	0	1.41	0	W	0	0.82	3.96
331312	Primary Aluminum	0	0	1.37	0	0	0	W	3.65
3314	Nonferrous Metals, except Aluminum	0	0	1.15	102.38	W	0	1.04	W
3315	Foundries	0	0	1.62	W	W	0	W	W
331511	Iron Foundries	0	0	1.45	0	0	0	1.23	4.74
331521	Aluminum Die-Casting Foundries	0	0	0	0	W	0	Q	W
331524	Aluminum Foundries, except Die-Casting	0	0	W	0	0	0	1.29	5.64
332	Fabricated Metal Products	0	0	Q	W	W	0	1.15	5.82
333	Machinery	0	0	Q	W	W	0	1.28	5.35
334	Computer and Electronic Products	0	0	1.31	0.13	W	0	1.12	5.21
334413	Semiconductors and Related Devices	0	0	1.65	0.1	0	0	1.39	5.44

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Natural Gas Components		Steam Components			Waste Gases and Byproduct Gases (million Btu)	Waste Oils and Tars (million Btu)	Industrial Hot Water Total (million Btu)
		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)			
322122	Newsprint Mills	5.35	4.13	5.81	0	5.81	0	0	0
322130	Paperboard Mills	5.18	4.31	W	W	0	0	W	0
323	Printing and Related Support	4.42	5.74	0	0	0	0	0	0
324	Petroleum and Coal Products	3.51	3.23	W	0	W	0	W	0
324110	Petroleum Refineries	3.36	3.16	W	0	W	0	0	0
324199	Other Petroleum and Coal Products	3.68	3.64	0	0	0	0	0	0
325	Chemicals	4.15	2.33	4.09	4.35	3.97	W	W	W
325110	Petrochemicals	0	0	0	0	0	0	0	0
325120	Industrial Gases	3.58	3.21	0	0	0	0	0	0
325181	Alkalies and Chlorine	4.09	3.05	2.16	0	2.16	0	0	0
325182	Carbon Black	6.62	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	4.49	4.01	4.86	4.76	5.12	W	0	0
325192	Cyclic Crudes and Intermediates	3.74	W	0	0	0	0	W	0
325193	Ethyl Alcohol	3.49	2.54	W	W	0	0	0	0
325199	Other Basic Organic Chemicals	6.08	3.69	6.12	0	6.12	0	0	0
325211	Plastics Materials and Resins	5.69	4.37	0	0	0	0	0	0
325212	Synthetic Rubber	1.58	0	0	0	0	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	6.63	1.57	0	0	0	0	0	0
325312	Phosphatic Fertilizers	W	2.98	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	5.06	6.38	0	0	0	0	0	W
325412	Pharmaceutical Preparation	5.73	6.41	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	5.89	4.01	0	0	0	0	0	0
326	Plastics and Rubber Products	5.75	4.67	0	0	0	W	0	0
327	Nonmetallic Mineral Products	4.17	4.41	0	0	0	W	W	0
3272	Glass and Glass Products	4.42	4.17	0	0	0	0	0	0
327211	Flat Glass	5.28	4.39	0	0	0	0	0	0
327213	Glass Containers	3.09	3.82	0	0	0	0	0	0
327310	Cements	3.01	4.53	0	0	0	0	W	0
327410	Lime	W	0	0	0	0	W	0	0
327993	Mineral Wool	3.39	3.91	0	0	0	0	0	0
331	Primary Metals	3.82	4.97	3.89	0	3.89	0	W	0
331111	Iron and Steel Mills	5.05	5.31	3.33	0	3.33	0	0	0
331112	Electrometallurgical Ferroalloy Products	4.95	4.64	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	6.19	5.52	0	0	0	0	0	0
3313	Alumina and Aluminum	4.36	3.89	0	0	0	0	0	0
331312	Primary Aluminum	Q	3.58	0	0	0	0	0	0
3314	Nonferrous Metals, except Aluminum	2.91	5.18	7.53	0	7.53	0	0	0
3315	Foundries	5.9	5.09	0	0	0	0	W	0
331511	Iron Foundries	6.18	4.35	0	0	0	0	W	0
331521	Aluminum Die-Casting Foundries	5.88	7.1	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	5.96	4.87	0	0	0	0	0	0
332	Fabricated Metal Products	6.04	5.38	Q	Q	0	0	0	0
333	Machinery	5.51	5.06	0	0	0	0	0	0
334	Computer and Electronic Products	5.66	4.4	Q	Q	0	0	0	0
334413	Semiconductors and Related Devices	5.69	4.75	0	0	0	0	0	0

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

		Selected Wood and Other Biomass Components							
NAICS Code(a)	Subsector and Industry	Biomass Total(e) (million Btu)	Agricultural Waste (million Btu)	Wood Harvested Directly from Trees (million Btu)	Wood Residues and Byproducts from Mill Processing (million Btu)	Wood-Related and Paper-Related Refuse (million Btu)	All Other Energy Sources (million Btu)	RSE Row Factors	
322122	Newsprint Mills	W	W	0	2.38	W	W	0.8	
322130	Paperboard Mills	3.37	0	0	2.11	W	0	1.3	
323	Printing and Related Support	0	0	0	0	0	0	15.5	
324	Petroleum and Coal Products	0	0	0	0	0	W	4.4	
324110	Petroleum Refineries	0	0	0	0	0	0	3.9	
324199	Other Petroleum and Coal Products	0	0	0	0	0	0	0.7	
325	Chemicals	W	0	0	W	W	W	2.4	
325110	Petrochemicals	0	0	0	0	0	0	0	
325120	Industrial Gases	0	0	0	0	0	0	1.4	
325181	Alkalies and Chlorine	0	0	0	0	0	0	0.7	
325182	Carbon Black	0	0	0	0	0	0	0.6	
325188	Other Basic Inorganic Chemicals	0	0	0	0	0	0	1.7	
325192	Cyclic Crudes and Intermediates	0	0	0	0	0	0	0.7	
325193	Ethyl Alcohol	0	0	0	0	0	0	0.7	
325199	Other Basic Organic Chemicals	0	0	0	0	0	W	2.7	
325211	Plastics Materials and Resins	W	0	0	0	W	0	2.2	
325212	Synthetic Rubber	0	0	0	0	0	0	0.6	
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0.6	
325311	Nitrogenous Fertilizers	0	0	0	0	0	0	0.7	
325312	Phosphatic Fertilizers	0	0	0	0	0	W	0.6	
3254	Pharmaceuticals and Medicines	0	0	0	0	0	0	3.1	
325412	Pharmaceutical Preparation	0	0	0	0	0	0	2.9	
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0	0	0	0	0.6	
326	Plastics and Rubber Products	W	0	0	0	W	0	9.3	
327	Nonmetallic Mineral Products	0	0	0	0	0	0.51	3.3	
3272	Glass and Glass Products	0	0	0	0	0	0	1	
327211	Flat Glass	0	0	0	0	0	0	0.7	
327213	Glass Containers	0	0	0	0	0	0	0.7	
327310	Cements	0	0	0	0	0	0.48	1.3	
327410	Lime	0	0	0	0	0	W	0.8	
327993	Mineral Wool	0	0	0	0	0	0	0.9	
331	Primary Metals	W	W	0	0	W	0	2.6	
331111	Iron and Steel Mills	W	W	0	0	0	0	2	
331112	Electrometallurgical Ferroalloy Products	0	0	0	0	0	0	0.6	
3312	Steel Products from Purchased Steel	0	0	0	0	0	0	2.4	
3313	Alumina and Aluminum	0	0	0	0	0	0	2.5	
331312	Primary Aluminum	0	0	0	0	0	0	0.9	
3314	Nonferrous Metals, except Aluminum	0	0	0	0	0	0	5.4	
3315	Foundries	W	0	0	0	W	0	2	
331511	Iron Foundries	W	0	0	0	W	0	0.9	
331521	Aluminum Die-Casting Foundries	0	0	0	0	0	0	3.6	
331524	Aluminum Foundries, except Die-Casting	0	0	0	0	0	0	1.9	
332	Fabricated Metal Products	W	0	0	0	W	W	10.2	
333	Machinery	0	0	0	0	0	W	13.5	
334	Computer and Electronic Products	0	0	0	0	0	0	5.2	
334413	Semiconductors and Related Devices	0	0	0	0	0	0	4.1	

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	TOTAL (million Btu)	Acetylene (cu ft)	Breeze (short tons)	Coal Total (short tons)	Coal Components			Coke	
						Anthracite (short tons)	Bituminous and Subbituminous Coal (short tons)	Lignite (short tons)	Coal Coke (short tons)	Petroleum Coke (gallons)
335	Electrical Equip., Appliances, and Components	12.7	0.15	0	0	0	0	0	0	0
336	Transportation Equipment	14.68	0.17	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	33.17	W	0	0	0	0	0	0	0
337	Furniture and Related Products	18.65	Q	0	0	0	0	0	0	0
339	Miscellaneous	18.49	Q	0	0	0	0	0	0	0
	Total	6.15	0.13	W	34.3	W	33.12	W	162.35	0.22

(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.

(d) Examples of Liquefied Petroleum Gases '(LPG)' are ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids '(NGL).'

(e) Four components of 'Biomass' are collected: agricultural waste, wood harvested directly from trees, wood residues and byproducts from mill processing, and wood-related and paper-related refuse. The average price of 'Biomass Total' is computed as the sum of the dollar expenditures for those 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 331312 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.

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.

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

Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Electricity Components			Total Diesel Fuel and Distillate Fuel Oil (gallons)	Diesel Fuel (gallons)	Distillate Fuel Oil (gallons)	Residual Fuel Oil (gallons)
		Electricity Total (kWh)	Electricity from Local Utility(b) (kWh)	Electricity from Sources Other than Local Utility(c) (kWh)				
335	Electrical Equip., Appliances, and Components	0.096	0.095	0.123	3.35	W	W	0
336	Transportation Equipment	0.087	0.089	0.075	1.37	1.72	W	0
336112	Light Trucks and Utility Vehicles	W	0.145	0	1.21	W	W	0
337	Furniture and Related Products	0.107	0.107	Q	Q	W	W	Q
339	Miscellaneous	0.097	0.098	0.088	0.92	0.92	W	0
	Total	0.066	0.069	0.052	1.03	1.07	0.69	0.58

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(d) Examples of Liquefied Petroleum Gases '(LPG)' are ethane, ethylene normal butane, butylene, ethane-propane mixtures, propane-butane mixture produced at refineries or natural gas processing plants, including plants that Natural Gas Liquids '(NGL).'

(e) Four components of 'Biomass' are collected: agricultural waste, wood harvested directly from trees, wood residues and byproducts from mill processing and wood-related and paper-related refuse. The average price of 'Biomass' is computed as the sum of the dollar expenditures for those 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 331312 include anthracite 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 not available. NF=No applicable RSE row/column factor.

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Level: National and Regional Data;
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Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Blast Furnace Gas (million Btu)	Coke Oven Gas (million Btu)	Motor Gasoline (excluding Highway Usage) (gallons)	Hydrogen (million Btu)	Kerosene (gallons)	Pulping Liquor or Black Liquor (million Btu)	LPG and NGL(d) (gallons)	Natural Gas Total (1000 cu ft)
335	Electrical Equip., Appliances, and Components	0	0	W	W	0	0	Q	Q
336	Transportation Equipment	0	0	Q	W	W	0	1.17	5.15
336112	Light Trucks and Utility Vehicles	0	0	W	0	W	0	2.59	7.91
337	Furniture and Related Products	0	0	W	0	0	0	1.4	5.66
339	Miscellaneous	0	0	Q	W	0	0	Q	4.24
	Total	0	0	1.48	0.87	Q	0	0.88	4.03

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(e) Four components of 'Biomass' are collected: agricultural waste, wood harvested directly from trees, wood residues and byproducts from mill processing and wood-related and paper-related refuse. The average price of 'Biomass' is computed as the sum of the dollar expenditures for those 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 331312 include anthracite 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 not available. NF=No applicable RSE row/column factor.

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Table 7.1 Average Prices of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: All Energy Sources Collected;
Unit: U.S. Dollars per Physical Units.

NAICS Code(a)	Subsector and Industry	Natural Gas Components		Steam Total (million Btu)	Steam Components		Waste Gases and Byproduct Gases (million Btu)	Waste Oils and Tars (million Btu)	Industrial Hot Water Total (million Btu)
		Natural Gas from Local Utility(b) (1000 cu ft)	Natural Gas from Sources Other than Local Utility(c) (1000 cu ft)		Steam from Local Utility(b) (million Btu)	Steam from Sources Other than Local Utility(c) (million Btu)			
335	Electrical Equip., Appliances, and Components	Q	5.07	6.35	7.81	3.37	0	0	0
336	Transportation Equipment	6.24	4.47	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	7.91	0	0	0	0	0	0	0
337	Furniture and Related Products	5.4	9.78	0	0	0	W	0	0
339	Miscellaneous	4.37	3.67	0	0	0	0	0	0
	Total	4.82	3.75	4.48	4.39	4.48	0.49	2.06	W

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(d) Examples of Liquefied Petroleum Gases '(LPG)' are ethane, ethylene normal butane, butylene, ethane-propane mixtures, propane-butane mixture produced at refineries or natural gas processing plants, including plants that Natural Gas Liquids '(NGL).'

(e) Four components of 'Biomass' are collected: agricultural waste, wood harvested directly from trees, wood residues and byproducts from mill processing and wood-related and paper-related refuse. The average price of 'Biomass' is computed as the sum of the dollar expenditures for those 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 331312 include anthracite 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 r

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Level: National and Regional Data;
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Unit: U.S. Dollars per Physical Units.

		Selected Wood and Other Biomass Components						
NAICS Code(a)	Subsector and Industry	Biomass Total(e) (million Btu)	Agricultural Waste (million Btu)	Wood Harvested Directly from Trees (million Btu)	Wood Residues and Byproducts from Mill Processing (million Btu)	Wood-Related and Paper-Related Refuse (million Btu)	All Other Energy Sources (million Btu)	RSE Row Factors
335	Electrical Equip., Appliances, and Components	0	0	0	0	0	0	3.9
336	Transportation Equipment	0	0	0	0	0	0	7
336112	Light Trucks and Utility Vehicles	0	0	0	0	0	0	0.6
337	Furniture and Related Products	0	0	0	0	0	0	7.9
339	Miscellaneous	0	0	0	0	0	0	16.4
	Total	1.27	W	4.71	0.57	8.14	2.35	4.3

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(f) The price estimates for coal in NAICS 3313 and 331312 include anthracite 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 not applicable. NF=No applicable RSE row/column factor.

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