

Table 7.10 Expenditures for Purchased Electricity, Natural Gas, and Steam, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: Supplier Sources of Purchased Electricity, Natural Gas, and Steam;
Unit: Million U.S. Dollars.

NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components			RSE Row Factors
		Electricity Total	Electricity from Local Utility(b)	Electricity from Sources Other than Local Utility(c)	Natural Gas Total	Natural Gas from Local Utility(b)	Natural Gas from Sources Other than Local Utility(c)	Steam Total	Steam from Local Utility(b)	Steam from Sources Other than Local Utility(c)	
Total United States											
	RSE Column Factors:	0.9	1	1.3	1	1.4	1	1.2	0.5	1.1	
311	Food	3,707	3,435	272	2,546	1,141	1,405	135	47	88	11
311221	Wet Corn Milling	252	222	30	237	23	214	23	20	3	1.3
31131	Sugar	39	38	1	84	26	59	10	0	10	0.9
311421	Fruit and Vegetable Canning	139	134	6	168	50	118	2	0	2	4.8
312	Beverage and Tobacco Products	479	444	34	201	85	116	23	0	23	3
3121	Beverages	413	379	34	182	74	108	23	0	23	3.1
3122	Tobacco	66	66	0	19	11	8	0	0	0	1
313	Textile Mills	1,111	1,037	74	345	218	127	W	W	W	8.8
314	Textile Product Mills	264	246	18	128	67	62	0	0	0	13.6
315	Apparel	241	235	Q	85	69	16	0	0	0	17.5
316	Leather and Allied Products	49	49	*	19	6	14	*	0	*	7.9
321	Wood Products	1,224	1,157	68	272	175	97	33	1	32	5
321113	Sawmills	376	361	15	46	29	17	10	0	10	7.6
3212	Veneer, Plywood, and Engineered Woods	467	430	37	153	88	65	12	1	11	5.2
3219	Other Wood Products	361	345	16	59	50	9	11	0	11	10.8
322	Paper	3,050	2,748	302	2,091	545	1,546	270	69	201	3.5
322110	Pulp Mills	100	93	7	93	27	66	W	0	W	1.2
322121	Paper Mills, except Newsprint	995	831	164	852	155	697	127	*	127	3
322122	Newsprint Mills	401	W	W	62	17	45	W	W	W	1
322130	Paperboard Mills	766	698	67	754	160	594	106	60	47	4.6
323	Printing and Related Support	984	943	40	229	132	96	Q	1	Q	6.4
324	Petroleum and Coal Products	1,864	1,523	340	3,110	331	2,778	378	31	347	2.9
324110	Petroleum Refineries	1,662	1,336	326	2,855	217	2,638	375	31	344	3.1
324199	Other Petroleum and Coal Products	22	22	0	18	9	9	1	0	1	0.9
325	Chemicals	6,386	5,189	1,196	7,448	1,039	6,409	1,058	109	949	5
325110	Petrochemicals	194	157	37	709	11	698	W	0	W	0.9
325120	Industrial Gases	898	632	266	236	49	187	Q	*	Q	8.8
325181	Alkalies and Chlorine	395	W	W	343	32	311	W	W	W	1.1
325182	Carbon Black	28	28	0	64	39	25	0	0	0	1
325188	Other Basic Inorganic Chemicals	774	687	88	307	59	248	37	16	22	4.3
325192	Cyclic Crudes and Intermediates	119	W	W	160	60	101	79	0	79	0.9
325193	Ethyl Alcohol	52	49	3	107	38	69	31	17	Q	3.8
325199	Other Basic Organic Chemicals	926	771	155	1,983	192	1,790	319	27	292	7.7
325211	Plastics Materials and Resins	919	614	305	941	153	788	180	17	163	4.6
325212	Synthetic Rubber	90	72	18	97	9	88	63	0	63	4
325222	Noncellulosic Organic Fibers	167	160	7	118	46	72	8	0	8	0.9
325311	Nitrogenous Fertilizers	144	137	7	1,474	5	1,469	8	0	8	0.9
325312	Phosphatic Fertilizers	88	63	25	102	24	77	2	0	2	0.9
3254	Pharmaceuticals and Medicines	620	545	75	282	151	130	29	4	25	5.5
325412	Pharmaceutical Preparation	464	407	58	183	98	85	22	W	W	6.9
325992	Photographic Film, Paper, Plate, and Chemicals	86	85	1	36	11	25	0	0	0	7.6
326	Plastics and Rubber Products	3,002	2,796	207	640	354	286	12	W	W	11.1
327	Nonmetallic Mineral Products	2,104	1,850	254	1,773	570	1,204	W	*	W	3.6
3272	Glass and Glass Products	583	531	52	632	131	502	*	*	0	2

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NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components			RSE Row Factors
		Electricity Total	Electricity from Local Utility(b)	Electricity from Sources Other than Local Utility(c)	Natural Gas Total	Natural Gas from Local Utility(b)	Natural Gas from Sources Other than Local Utility(c)	Steam Total	Steam from Local Utility(b)	Steam from Sources Other than Local Utility(c)	
327211	Flat Glass	84	77	8	210	32	179	0	0	0	0.9
327213	Glass Containers	195	165	31	201	24	177	0	0	0	0.9
327310	Cements	560	462	99	83	35	48	*	0	*	2.1
327410	Lime	64	64	0	27	10	17	0	0	0	1
327993	Mineral Wool	159	130	28	137	31	106	0	0	0	1.5
331	Primary Metals	4,889	4,018	871	2,871	629	2,242	116	5	111	1.7
331111	Iron and Steel Mills	1,928	1,703	225	1,623	255	1,369	W	W	W	2.1
331112	Electrometallurgical Ferroalloy Products	112	W	W	32	2	31	W	0	W	1.3
3312	Steel Products from Purchased Steel	230	W	W	110	49	61	*	*	0	3.9
3313	Alumina and Aluminum	1,422	921	500	560	104	456	60	W	W	2
331312	Primary Aluminum	1,082	659	422	75	4	71	W	0	W	1.2
3314	Nonferrous Metals, except Aluminum	422	368	53	190	81	109	2	0	2	7.4
3315	Foundries	775	740	35	356	139	218	W	W	2	3.8
331511	Iron Foundries	373	352	22	126	53	73	2	0	2	5
331521	Aluminum Die-Casting Foundries	96	94	2	72	22	50	0	0	0	3.9
331524	Aluminum Foundries, except Die-Casting	72	69	3	64	23	41	0	0	0	3.9
332	Fabricated Metal Products	2,862	2,715	147	1,033	679	354	Q	*	Q	12.4
333	Machinery	1,493	1,368	125	432	234	198	11	W	W	8.6
334	Computer and Electronic Products	2,422	2,198	224	357	245	112	6	2	4	15.2
334413	Semiconductors and Related Devices	705	616	89	111	71	40	2	*	Q	5.4
335	Electrical Equip., Appliances, and Components	782	736	47	260	139	122	2	2	1	7.7
336	Transportation Equipment	2,583	2,413	170	859	382	478	43	13	29	5.1
336112	Light Trucks and Utility Vehicles	212	212	0	150	47	102	14	0	14	0.9
337	Furniture and Related Products	497	471	26	129	86	44	2	0	2	12.2
339	Miscellaneous	739	689	50	162	122	39	3	1	3	9.9
	Total	40,732	36,259	4,473	24,992	7,248	17,744	2,153	300	1,852	3.3
Northeast Census Region											
	RSE Column Factors:	1.4	1.5	1.5	1.1	1.8	1	0.7	0.4	0.5	
311	Food	488	441	47	274	124	150	Q	Q	Q	12.2
311221	Wet Corn Milling	W	W	0	0	0	0	0	0	0	0.7
31131	Sugar	W	W	0	W	3	W	0	0	0	0.7
311421	Fruit and Vegetable Canning	24	23	1	14	7	7	*	0	*	4.3
312	Beverage and Tobacco Products	70	59	Q	37	10	28	2	0	2	3.6
3121	Beverages	W	W	Q	W	W	27	2	0	2	3.6
3122	Tobacco	W	W	0	W	W	1	0	0	0	0.7
313	Textile Mills	102	77	25	54	28	26	0	0	0	12.9
314	Textile Product Mills	29	27	3	12	7	5	0	0	0	6.6
315	Apparel	43	41	Q	15	14	Q	0	0	0	21.3
316	Leather and Allied Products	10	10	*	6	2	4	0	0	0	15.7
321	Wood Products	115	99	17	19	10	10	*	0	*	7.5
321113	Sawmills	34	32	2	1	1	*	0	0	0	12.7
3212	Veneer, Plywood, and Engineered Woods	20	W	W	9	4	6	0	0	0	7.7
3219	Other Wood Products	61	W	W	10	6	4	*	0	*	9.3
322	Paper	554	434	120	337	79	258	103	4	100	5.6
322110	Pulp Mills	3	0	3	1	*	1	0	0	0	2.4

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NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components			RSE Row Factors
		Electricity Total	Electricity from Local Utility(b)	Electricity from Sources Other than Local Utility(c)	Natural Gas Total	Natural Gas from Local Utility(b)	Natural Gas from Sources Other than Local Utility(c)	Steam Total	Steam from Local Utility(b)	Steam from Sources Other than Local Utility(c)	
322121	Paper Mills, except Newsprint	245	161	84	203	19	184	90	0	90	3.7
322122	Newsprint Mills	W	W	0	0	0	0	0	0	0	0.7
322130	Paperboard Mills	58	42	16	69	20	48	13	4	10	4.2
323	Printing and Related Support	252	240	12	55	29	26	0	0	0	11.4
324	Petroleum and Coal Products	194	180	14	187	20	167	29	0	29	3.4
324110	Petroleum Refineries	148	W	W	146	7	139	28	0	28	1.2
324199	Other Petroleum and Coal Products	3	3	0	2	1	1	0	0	0	0.7
325	Chemicals	721	562	160	353	163	190	76	7	69	4.7
325110	Petrochemicals	W	W	0	W	W	0	0	0	0	1.2
325120	Industrial Gases	W	51	W	7	7	*	7	0	7	1.4
325181	Alkalies and Chlorine	W	W	W	W	*	W	W	0	W	1.2
325182	Carbon Black	0	0	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	46	W	W	30	7	23	Q	W	W	3.2
325192	Cyclic Crudes and Intermediates	10	8	2	W	19	W	2	0	2	0.9
325193	Ethyl Alcohol	*	*	0	*	*	0	0	0	0	0.7
325199	Other Basic Organic Chemicals	52	34	18	34	9	26	21	0	21	5.4
325211	Plastics Materials and Resins	63	41	22	27	9	18	13	W	W	13.1
325212	Synthetic Rubber	3	3	0	*	*	*	2	0	2	0.9
325222	Noncellulosic Organic Fibers	2	2	*	*	*	0	0	0	0	3
325311	Nitrogenous Fertilizers	4	2	2	8	0	8	0	0	0	0.8
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	225	186	38	135	81	53	W	W	W	3.9
325412	Pharmaceutical Preparation	174	140	34	91	50	41	W	W	W	4.5
325992	Photographic Film, Paper, Plate, and Chemicals	28	28	0	16	2	14	0	0	0	16.8
326	Plastics and Rubber Products	534	460	74	81	32	49	3	0	3	5.7
327	Nonmetallic Mineral Products	401	332	69	302	58	244	W	0	W	8
3272	Glass and Glass Products	111	87	24	132	23	109	0	0	0	3.1
327211	Flat Glass	17	W	W	41	0	41	0	0	0	0.8
327213	Glass Containers	41	30	11	42	16	27	0	0	0	0.7
327310	Cements	79	75	4	1	1	*	0	0	0	0.7
327410	Lime	4	4	0	*	*	*	0	0	0	0.7
327993	Mineral Wool	16	11	4	13	2	11	0	0	0	3.6
331	Primary Metals	609	475	134	318	100	217	W	W	*	1.8
331111	Iron and Steel Mills	272	245	27	166	72	94	W	W	0	2.5
331112	Electrometallurgical Ferroalloy Products	W	W	0	W	*	W	0	0	0	0.7
3312	Steel Products from Purchased Steel	35	30	Q	W	W	W	0	0	0	6.5
3313	Alumina and Aluminum	112	W	W	52	2	49	0	0	0	3.3
331312	Primary Aluminum	W	*	W	W	W	W	0	0	0	0.7
3314	Nonferrous Metals, except Aluminum	104	88	16	43	8	35	*	0	*	3.8
3315	Foundries	78	75	3	39	12	27	0	0	0	3.1
331511	Iron Foundries	34	34	1	14	1	13	0	0	0	1.8
331521	Aluminum Die-Casting Foundries	4	4	0	2	*	2	0	0	0	4.3
331524	Aluminum Foundries, except Die-Casting	9	9	*	9	6	3	0	0	0	1.4
332	Fabricated Metal Products	536	490	46	169	98	71	*	0	*	14.3
333	Machinery	265	223	42	70	34	37	*	0	*	6.2
334	Computer and Electronic Products	788	704	84	133	90	43	2	1	Q	14.4
334413	Semiconductors and Related Devices	142	106	36	26	12	15	2	*	Q	3.6
335	Electrical Equip., Appliances, and Components	151	144	7	48	16	32	*	0	*	21.9

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		Electricity Total	Electricity from Local Utility(b)	Electricity from Sources Other than Local Utility(c)	Natural Gas Total	Natural Gas from Local Utility(b)	Natural Gas from Sources Other than Local Utility(c)	Steam Total	Steam from Local Utility(b)	Steam from Sources Other than Local Utility(c)	
3254	Pharmaceuticals and Medicines	174	163	10	78	30	48	4	0	4	5.4
325412	Pharmaceutical Preparation	151	146	5	57	25	32	0	0	0	4.3
325992	Photographic Film, Paper, Plate, and Chemicals	5	5	*	2	1	*	0	0	0	4.7
326	Plastics and Rubber Products	1,058	995	63	238	124	114	4	4	0	17
327	Nonmetallic Mineral Products	488	459	29	454	118	336	0	0	0	5.4
3272	Glass and Glass Products	158	153	5	175	15	159	0	0	0	3.7
327211	Flat Glass	21	21	0	59	*	59	0	0	0	0.9
327213	Glass Containers	39	W	W	50	1	50	0	0	0	0.9
327310	Cements	116	99	17	22	5	17	0	0	0	2
327410	Lime	27	27	0	14	4	10	0	0	0	0.9
327993	Mineral Wool	54	54	0	54	10	43	0	0	0	1.5
331	Primary Metals	1,852	1,544	308	1,435	187	1,248	54	W	W	2.1
331111	Iron and Steel Mills	785	689	97	939	46	893	45	0	45	3.4
331112	Electrometallurgical Ferroalloy Products	79	79	0	30	W	W	W	0	W	1
3312	Steel Products from Purchased Steel	107	W	W	63	29	34	0	0	0	5.3
3313	Alumina and Aluminum	306	156	150	131	29	102	W	W	0	2.6
331312	Primary Aluminum	233	W	W	19	*	19	0	0	0	0.9
3314	Nonferrous Metals, except Aluminum	113	99	14	60	W	W	*	0	*	3.4
3315	Foundries	461	438	23	213	57	155	W	W	2	4.9
331511	Iron Foundries	244	229	15	75	23	52	2	0	2	6.1
331521	Aluminum Die-Casting Foundries	70	69	1	52	12	40	0	0	0	3.1
331524	Aluminum Foundries, except Die-Casting	44	42	3	38	9	29	0	0	0	5.8
332	Fabricated Metal Products	1,090	1,023	67	470	295	175	Q	0	Q	23
333	Machinery	624	581	43	237	97	140	10	W	W	11.8
334	Computer and Electronic Products	252	231	21	63	45	19	2	0	2	6.6
334413	Semiconductors and Related Devices	25	25	0	4	1	2	0	0	0	2.6
335	Electrical Equip., Appliances, and Components	251	233	18	91	42	49	1	1	*	4.8
336	Transportation Equipment	1,249	1,183	66	483	186	297	25	13	12	8
336112	Light Trucks and Utility Vehicles	127	127	0	100	W	W	*	0	*	1
337	Furniture and Related Products	144	129	14	60	29	31	0	0	0	11
339	Miscellaneous	167	149	18	48	32	16	0	0	0	15.1
	Total	11,172	10,192	980	6,554	2,071	4,483	519	145	373	7
South Census Region											
	RSE Column Factors:	1.2	1.2	1.3	1.2	1.6	1	0.9	0.3	0.9	
311	Food	1,126	1,101	Q	741	447	294	W	0	W	8.6
311221	Wet Corn Milling	W	W	0	21	7	15	3	0	3	0.9
31131	Sugar	14	13	1	39	12	27	0	0	0	0.8
311421	Fruit and Vegetable Canning	30	30	0	47	18	29	0	0	0	9.4
312	Beverage and Tobacco Products	183	176	7	79	44	35	0	0	0	5
3121	Beverages	120	113	7	62	34	27	0	0	0	6
3122	Tobacco	63	63	0	17	10	8	0	0	0	0.8
313	Textile Mills	927	881	46	261	175	87	W	W	W	10.3
314	Textile Product Mills	195	182	14	102	49	53	0	0	0	14.5
315	Apparel	111	108	Q	31	22	9	0	0	0	16.5
316	Leather and Allied Products	10	10	0	2	1	1	0	0	0	11.1

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321	Wood Products	621	599	22	117	78	38	11	0	11	10.2
321113	Sawmills	189	180	9	13	7	6	4	0	4	10.7
3212	Veneer, Plywood, and Engineered Woods	280	266	13	81	53	28	2	0	2	8.2
3219	Other Wood Products	140	140	*	14	14	*	Q	0	Q	6.2
322	Paper	1,208	1,105	103	959	270	689	71	Q	58	3.1
322110	Pulp Mills	68	68	0	71	12	59	0	0	0	0.8
322121	Paper Mills, except Newsprint	292	257	36	315	73	242	19	0	19	2.8
322122	Newsprint Mills	149	W	W	38	W	W	W	0	W	0.9
322130	Paperboard Mills	441	402	40	414	101	313	W	Q	W	3.4
323	Printing and Related Support	264	256	8	61	43	18	1	1	0	7.7
324	Petroleum and Coal Products	951	717	235	1,919	145	1,774	283	27	256	2.7
324110	Petroleum Refineries	886	654	233	1,832	113	1,719	282	27	255	2.7
324199	Other Petroleum and Coal Products	11	11	0	7	3	4	0	0	0	1.1
325	Chemicals	3,938	3,129	810	5,849	583	5,266	696	74	622	5.1
325110	Petrochemicals	182	W	W	700	W	W	W	0	W	0.9
325120	Industrial Gases	485	288	197	202	37	165	4	0	4	4.6
325181	Alkalies and Chlorine	295	W	W	W	3	W	W	W	0	1
325182	Carbon Black	25	25	0	W	39	W	0	0	0	0.8
325188	Other Basic Inorganic Chemicals	564	500	65	146	16	129	23	W	W	5.1
325192	Cyclic Crudes and Intermediates	99	W	W	111	39	73	77	0	77	0.9
325193	Ethyl Alcohol	*	*	0	1	1	0	0	0	0	0.8
325199	Other Basic Organic Chemicals	713	636	77	1,852	164	1,687	240	W	W	9.3
325211	Plastics Materials and Resins	673	426	246	824	94	729	130	W	W	5.4
325212	Synthetic Rubber	76	58	18	91	8	83	61	0	61	4
325222	Noncellulosic Organic Fibers	165	158	7	118	46	72	8	0	8	0.9
325311	Nitrogenous Fertilizers	74	74	*	1,087	4	1,084	*	0	*	0.9
325312	Phosphatic Fertilizers	65	40	25	84	W	W	2	0	2	0.9
3254	Pharmaceuticals and Medicines	130	119	11	41	28	13	W	W	W	7.3
325412	Pharmaceutical Preparation	87	80	7	19	13	6	W	0	W	11
325992	Photographic Film, Paper, Plate, and Chemicals	39	39	*	11	7	4	0	0	0	6.2
326	Plastics and Rubber Products	993	942	51	277	171	106	5	W	W	14.4
327	Nonmetallic Mineral Products	776	732	44	756	352	404	*	*	*	3.7
3272	Glass and Glass Products	214	206	8	257	88	170	*	*	0	3.2
327211	Flat Glass	31	31	0	89	31	58	0	0	0	0.8
327213	Glass Containers	52	46	5	70	6	64	0	0	0	0.8
327310	Cements	194	184	10	40	24	16	*	0	*	3.4
327410	Lime	23	23	0	W	W	7	0	0	0	0.8
327993	Mineral Wool	57	52	5	58	15	43	0	0	0	1.7
331	Primary Metals	1,870	1,676	193	939	303	636	W	*	W	2
331111	Iron and Steel Mills	716	688	28	426	135	291	0	0	0	1.1
331112	Electrometallurgical Ferroalloy Products	W	W	W	W	W	*	0	0	0	3.9
3312	Steel Products from Purchased Steel	W	W	W	23	14	9	*	*	0	6.7
3313	Alumina and Aluminum	774	652	123	346	67	279	W	0	W	2.1
331312	Primary Aluminum	W	522	W	W	W	39	W	0	W	0.9
3314	Nonferrous Metals, except Aluminum	120	104	16	61	29	32	0	0	0	6.2
3315	Foundries	171	163	8	82	57	25	0	0	0	2.5
331511	Iron Foundries	81	76	Q	32	28	4	0	0	0	1.8
331521	Aluminum Die-Casting Foundries	14	13	1	16	9	7	0	0	0	4.8

Table 7.10 Expenditures for Purchased Electricity, Natural Gas, and Steam, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: Supplier Sources of Purchased Electricity, Natural Gas, and Steam;
Unit: Million U.S. Dollars.

NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components			RSE Row Factors
		Electricity Total	Electricity from Local Utility(b)	Electricity from Sources Other than Local Utility(c)	Natural Gas Total	Natural Gas from Local Utility(b)	Natural Gas from Sources Other than Local Utility(c)	Steam Total	Steam from Local Utility(b)	Steam from Sources Other than Local Utility(c)	
331524	Aluminum Foundries, except Die-Casting	11	11	*	12	5	7	0	0	0	2.9
332	Fabricated Metal Products	837	827	Q	309	227	82	0	0	0	12.5
333	Machinery	393	376	Q	95	83	12	*	0	*	11.1
334	Computer and Electronic Products	446	425	21	42	28	14	*	*	0	5.1
334413	Semiconductors and Related Devices	162	142	20	17	9	8	0	0	0	1.6
335	Electrical Equip., Appliances, and Components	293	272	21	89	51	38	0	0	0	9.6
336	Transportation Equipment	664	652	Q	206	116	90	W	0	W	3.3
336112	Light Trucks and Utility Vehicles	W	W	0	W	W	W	W	0	W	0.9
337	Furniture and Related Products	193	188	Q	39	34	Q	2	0	2	15.9
339	Miscellaneous	164	161	3	38	36	2	0	0	0	11.8
	Total	16,163	14,516	1,647	12,911	3,259	9,652	1,201	125	1,076	3.2
West Census Region											
	RSE Column Factors:	1.3	1.4	0.9	1.2	1.5	0.9	0.8	0.5	0.9	
311	Food	807	703	104	499	176	322	W	0	W	16.1
311221	Wet Corn Milling	1	1	0	16	*	16	0	0	0	7.7
31131	Sugar	W	W	0	W	4	W	10	0	10	0.9
311421	Fruit and Vegetable Canning	62	58	3	84	13	71	0	0	0	11.8
312	Beverage and Tobacco Products	156	140	15	43	16	26	20	0	20	4.1
3121	Beverages	156	140	15	43	16	26	20	0	20	4.1
3122	Tobacco	*	*	0	0	0	0	0	0	0	0.7
313	Textile Mills	63	60	3	22	Q	9	W	W	0	7.5
314	Textile Product Mills	23	22	1	8	6	2	0	0	0	7.5
315	Apparel	75	75	0	Q	Q	Q	0	0	0	15
316	Leather and Allied Products	4	4	0	*	*	0	0	0	0	27.3
321	Wood Products	312	289	22	78	45	33	17	1	16	5.7
321113	Sawmills	125	W	W	29	19	10	5	0	5	5.3
3212	Veneer, Plywood, and Engineered Woods	116	99	16	35	14	21	9	1	8	3.8
3219	Other Wood Products	67	W	W	10	9	1	Q	0	Q	10.1
322	Paper	632	570	62	376	60	315	W	W	34	4.3
322110	Pulp Mills	W	W	4	W	W	6	0	0	0	0.8
322121	Paper Mills, except Newsprint	139	106	33	113	6	107	12	0	12	2.6
322122	Newsprint Mills	185	185	0	23	W	W	23	0	23	0.9
322130	Paperboard Mills	162	152	10	185	20	165	W	W	0	2.1
323	Printing and Related Support	167	162	5	37	26	11	0	0	0	15.2
324	Petroleum and Coal Products	465	388	77	626	94	533	W	0	W	4.6
324110	Petroleum Refineries	420	345	75	576	76	500	W	0	W	4.6
324199	Other Petroleum and Coal Products	4	4	0	7	4	3	0	0	0	0.8
325	Chemicals	545	494	50	305	82	223	19	6	13	2.9
325110	Petrochemicals	0	0	0	0	0	0	0	0	0	0
325120	Industrial Gases	134	114	20	W	2	W	0	0	0	1.8
325181	Alkalies and Chlorine	63	63	0	54	28	26	3	0	3	0.9
325182	Carbon Black	*	*	0	*	*	0	0	0	0	0.7
325188	Other Basic Inorganic Chemicals	83	W	W	54	9	45	4	3	1	3.2
325192	Cyclic Crudes and Intermediates	W	W	0	1	*	*	0	0	0	0.8
325193	Ethyl Alcohol	W	W	0	4	W	W	W	W	0	1

Table 7.10 Expenditures for Purchased Electricity, Natural Gas, and Steam, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: Supplier Sources of Purchased Electricity, Natural Gas, and Steam;
Unit: Million U.S. Dollars.

NAICS Code(a)	Subsector and Industry	Electricity Components			Natural Gas Components			Steam Components			RSE Row Factors
		Electricity Total	Electricity from Local Utility(b)	Electricity from Sources Other than Local Utility(c)	Natural Gas Total	Natural Gas from Local Utility(b)	Natural Gas from Sources Other than Local Utility(c)	Steam Total	Steam from Local Utility(b)	Steam from Sources Other than Local Utility(c)	
325199	Other Basic Organic Chemicals	12	8	4	10	1	9	7	0	7	2.9
325211	Plastics Materials and Resins	24	23	1	7	4	3	0	0	0	7.2
325212	Synthetic Rubber	3	3	0	*	*	0	0	0	0	0.7
325222	Noncellulosic Organic Fibers	*	*	0	0	0	0	0	0	0	0.7
325311	Nitrogenous Fertilizers	27	25	2	99	*	99	0	0	0	0.8
325312	Phosphatic Fertilizers	24	24	0	18	W	W	0	0	0	0.8
3254	Pharmaceuticals and Medicines	92	76	15	28	13	15	0	0	0	2.4
325412	Pharmaceutical Preparation	53	40	13	16	10	6	0	0	0	2.3
325992	Photographic Film, Paper, Plate, and Chemicals	13	13	0	7	1	6	0	0	0	0.8
326	Plastics and Rubber Products	418	398	19	44	28	17	0	0	0	12.3
327	Nonmetallic Mineral Products	439	327	112	262	42	220	0	0	0	5.4
3272	Glass and Glass Products	100	85	15	68	4	64	0	0	0	1.8
327211	Flat Glass	16	W	W	21	*	21	0	0	0	0.8
327213	Glass Containers	63	W	W	39	2	37	0	0	0	0.8
327310	Cements	171	104	68	20	5	14	0	0	0	1.3
327410	Lime	10	10	0	W	W	0	0	0	0	0.7
327993	Mineral Wool	32	13	19	12	3	9	0	0	0	1.4
331	Primary Metals	559	323	236	179	38	141	W	0	W	3
331111	Iron and Steel Mills	155	81	74	91	2	90	W	0	W	1.6
331112	Electrometallurgical Ferroalloy Products	W	W	0	*	*	*	0	0	0	0.8
3312	Steel Products from Purchased Steel	W	W	8	W	W	W	0	0	0	8
3313	Alumina and Aluminum	229	W	W	31	6	26	0	0	0	2.4
331312	Primary Aluminum	181	W	W	W	*	W	0	0	0	1.6
3314	Nonferrous Metals, except Aluminum	84	77	7	26	W	W	1	0	1	11.6
3315	Foundries	66	64	2	22	12	11	0	0	0	2.2
331511	Iron Foundries	14	13	2	5	1	4	0	0	0	1.5
331521	Aluminum Die-Casting Foundries	8	7	*	2	1	1	0	0	0	5.6
331524	Aluminum Foundries, except Die-Casting	7	7	0	5	3	1	0	0	0	3.7
332	Fabricated Metal Products	399	375	25	85	59	26	*	*	0	12
333	Machinery	211	188	23	30	20	10	0	0	0	13.6
334	Computer and Electronic Products	936	838	97	119	83	36	Q	Q	0	11.1
334413	Semiconductors and Related Devices	376	344	32	64	50	15	0	0	0	6.5
335	Electrical Equip., Appliances, and Components	87	86	1	32	Q	3	1	1	*	5.1
336	Transportation Equipment	413	364	49	93	43	49	0	0	0	11.5
336112	Light Trucks and Utility Vehicles	*	*	0	*	*	0	0	0	0	0.7
337	Furniture and Related Products	86	86	*	12	11	1	0	0	0	6.9
339	Miscellaneous	196	181	15	20	17	3	0	0	0	13.2
	Total	6,992	6,075	917	2,905	919	1,986	182	14	169	4.9

(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.

Table 7.10 Expenditures for Purchased Electricity, Natural Gas, and Steam, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: Supplier Sources of Purchased Electricity, Natural Gas, and Steam;
Unit: Million U.S. Dollars.

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

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.

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

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

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