

Table 4.2 Offsite-Produced Fuel Consumption, 2002;
Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources;
Unit: Trillion Btu.

NAICS Code(a)	Subsector and Industry	Total	Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)	RSE Row Factors
Total United States											
RSE Column Factors:		0.8	0.8	1.1	1.6	0.9	1.8	0.7	0.7	1.2	
311	Food	1,079	233	13	19	575	5	184	1	50	8
311221	Wet Corn Milling	217	24	*	*	61	*	121	0	11	1.1
31131	Sugar	74	3	2	1	22	*	37	1	8	1
311421	Fruit and Vegetable Canning	47	7	1	1	36	Q	0	0	1	12.4
312	Beverage and Tobacco Products	104	27	2	2	46	1	17	0	9	4.3
3121	Beverages	84	22	1	2	42	1	8	0	9	5.9
3122	Tobacco	19	5	1	*	4	*	10	0	*	0.9
313	Textile Mills	206	87	4	2	74	2	22	0	15	15.6
314	Textile Product Mills	60	17	2	Q	29	1	Q	0	Q	22
315	Apparel	30	12	*	1	16	*	0	0	*	23.5
316	Leather and Allied Products	7	2	*	*	4	*	0	0	*	8.6
321	Wood Products	198	74	1	10	57	5	1	0	50	4.8
321113	Sawmills	57	22	*	5	10	1	0	0	19	5.3
3212	Veneer, Plywood, and Engineered Woods	93	33	1	2	33	3	1	0	21	5.8
3219	Other Wood Products	41	18	*	2	11	1	0	0	9	10.3
322	Paper	1,413	245	100	13	504	6	234	4	306	2.3
322110	Pulp Mills	W	9	W	5	24	*	W	0	20	0.9
322121	Paper Mills, except Newsprint	605	86	47	4	206	1	139	4	117	2.1
322122	Newsprint Mills	83	37	W	*	16	*	W	0	W	0.9
322130	Paperboard Mills	524	67	34	4	188	*	83	0	148	2.7
323	Printing and Related Support	98	50	*	*	46	1	0	0	Q	9.5
324	Petroleum and Coal Products	1,290	141	14	13	878	10	13	*	222	4.4
324110	Petroleum Refineries	1,184	132	10	2	821	6	1	0	213	3.5
324199	Other Petroleum and Coal Products	24	1	*	*	5	*	11	*	6	1.4
325	Chemicals	3,154	551	43	13	1,674	32	314	1	525	5.5
325110	Petrochemicals	273	W	W	*	172	W	W	0	38	1.2
325120	Industrial Gases	181	84	0	*	49	*	0	0	Q	6.1
325181	Alkalies and Chlorine	W	45	W	*	94	*	20	0	9	1.4
325182	Carbon Black	25	2	14	*	10	*	0	0	*	0.9
325188	Other Basic Inorganic Chemicals	191	89	2	2	68	*	19	*	11	3.4
325192	Cyclic Crudes and Intermediates	67	12	*	*	37	*	0	0	18	0.9
325193	Ethyl Alcohol	60	4	0	*	30	*	19	0	7	5.6
325199	Other Basic Organic Chemicals	976	86	W	2	425	2	W	0	300	12.2
325211	Plastics Materials and Resins	501	76	1	1	348	*	27	*	48	8.4
325212	Synthetic Rubber	52	7	*	*	28	*	5	0	12	7.4
325222	Noncellulosic Organic Fibers	61	15	W	*	30	*	W	0	3	1.6
325311	Nitrogenous Fertilizers	202	12	0	*	189	*	0	0	1	0.9
325312	Phosphatic Fertilizers	30	7	1	1	19	*	1	1	1	1
3254	Pharmaceuticals and Medicines	119	37	2	3	62	*	9	0	6	5.4
325412	Pharmaceutical Preparation	85	29	2	1	40	*	9	0	4	6

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NAICS Code(a)	Subsector and Industry	Total	Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)	RSE Row Factors
325992	Photographic Film, Paper, Plate, and Chemicals	29	W	W	W	7	*	W	0	*	5.9
326	Plastics and Rubber Products	347	182	7	2	128	3	Q	0	4	9.5
327	Nonmetallic Mineral Products	960	141	3	31	421	3	309	11	40	4.4
3272	Glass and Glass Products	200	42	W	W	152	1	0	0	4	2.4
327211	Flat Glass	62	6	W	W	52	*	0	0	W	0.9
327213	Glass Containers	66	13	0	*	52	*	0	0	*	0.9
327310	Cements	344	43	1	6	21	*	236	8	30	2.1
327410	Lime	81	5	1	1	8	*	66	*	1	1
327993	Mineral Wool	51	13	0	*	35	*	0	3	*	2.9
331	Primary Metals	1,614	500	1	15	669	3	47	340	39	2.4
331111	Iron and Steel Mills	950	185	1	10	388	*	36	313	17	2.6
331112	Electrometallurgical Ferroalloy Products	24	12	0	*	7	*	2	*	2	2.6
3312	Steel Products from Purchased Steel	41	16	*	W	24	W	0	0	W	12.7
3313	Alumina and Aluminum	349	199	*	W	130	W	0	*	W	1.9
331312	Primary Aluminum	W	172	*	*	20	*	0	0	W	0.9
3314	Nonferrous Metals, except Aluminum	93	34	*	W	44	W	8	4	W	5.1
3315	Foundries	157	54	*	1	77	1	1	23	*	3.8
331511	Iron Foundries	81	28	0	1	27	*	1	23	*	4.7
331521	Aluminum Die-Casting Foundries	23	6	*	*	16	*	0	0	*	2.3
331524	Aluminum Foundries, except Die-Casting	19	5	*	*	14	*	0	0	*	4.7
332	Fabricated Metal Products	387	161	Q	6	209	3	1	Q	2	16.9
333	Machinery	175	84	*	2	82	2	1	0	4	11.5
334	Computer and Electronic Products	200	131	1	1	65	*	*	0	2	17.7
334413	Semiconductors and Related Devices	67	44	*	*	21	*	0	0	Q	3.9
335	Electrical Equip., Appliances, and Components	103	47	*	1	53	1	*	0	1	6.8
336	Transportation Equipment	422	173	6	3	203	4	8	0	27	5.8
336112	Light Trucks and Utility Vehicles	56	17	*	W	36	*	W	0	W	0.9
337	Furniture and Related Products	55	24	*	1	25	1	1	0	2	10.6
339	Miscellaneous	71	35	*	*	32	1	0	0	2	9.3
	Total	11,973	2,917	200	138	5,790	84	1,182	362	1,302	3.3
Northeast Census Region											
	RSE Column Factors:	1.1	1.1	0.9	1.6	0.9	1.8	0.7	0.6	0.8	
311	Food	91	22	5	3	55	*	2	0	Q	23
311221	Wet Corn Milling	W	W	*	*	0	0	0	0	*	0.9
31131	Sugar	W	W	*	*	W	*	0	0	*	0.9
311421	Fruit and Vegetable Canning	5	1	Q	*	3	*	0	0	*	10.7
312	Beverage and Tobacco Products	13	3	1	*	7	*	0	0	1	4.9
3121	Beverages	12	W	1	W	W	W	0	0	1	5.4
3122	Tobacco	1	W	*	W	W	W	0	0	*	0.9
313	Textile Mills	24	5	3	1	14	1	0	0	*	25.1
314	Textile Product Mills	W	1	*	*	W	*	*	0	*	4.3

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315	Apparel	W	2	0	*	W	*	0	0	0	27.2
316	Leather and Allied Products	2	*	*	*	1	*	0	0	*	10.9
321	Wood Products	15	5	*	2	4	1	0	0	4	15
321113	Sawmills	4	1	*	2	*	*	0	0	*	5.7
3212	Veneer, Plywood, and Engineered Woods	4	1	*	*	2	*	0	0	1	10
3219	Other Wood Products	8	2	*	1	2	*	0	0	Q	17.5
322	Paper	207	33	W	W	73	W	W	0	45	3.8
322110	Pulp Mills	W	W	W	0	*	*	0	0	0	8.6
322121	Paper Mills, except Newsprint	148	16	25	1	48	W	15	0	W	3
322122	Newsprint Mills	W	W	W	W	0	0	0	0	0	0.9
322130	Paperboard Mills	W	3	W	W	15	W	W	0	W	3
323	Printing and Related Support	23	11	W	W	12	*	0	0	*	14.9
324	Petroleum and Coal Products	83	11	2	6	44	*	3	*	16	5.2
324110	Petroleum Refineries	64	10	1	*	36	*	1	0	15	1.5
324199	Other Petroleum and Coal Products	2	*	*	*	*	*	1	*	*	1
325	Chemicals	162	43	W	W	72	1	W	0	W	7.4
325110	Petrochemicals	W	*	0	*	W	0	0	0	0	1.8
325120	Industrial Gases	9	7	0	*	W	0	0	0	W	0.9
325181	Alkalies and Chlorine	W	W	W	*	*	0	0	0	W	1
325182	Carbon Black	0	0	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	W	4	W	W	6	*	0	0	W	2.8
325192	Cyclic Crudes and Intermediates	W	1	W	*	4	*	0	0	W	0.9
325193	Ethyl Alcohol	*	*	0	0	*	0	0	0	*	1
325199	Other Basic Organic Chemicals	17	3	W	*	7	*	0	0	W	8.1
325211	Plastics Materials and Resins	W	W	W	*	6	*	0	0	W	15.2
325212	Synthetic Rubber	1	*	0	*	*	*	0	0	*	0.9
325222	Noncellulosic Organic Fibers	*	W	W	0	*	*	0	0	*	5.9
325311	Nitrogenous Fertilizers	2	*	0	*	1	*	0	0	*	0.9
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	44	10	1	*	30	*	0	0	1	7.6
325412	Pharmaceutical Preparation	31	8	1	*	21	*	0	0	1	9.9
325992	Photographic Film, Paper, Plate, and Chemicals	W	W	W	W	3	*	W	0	*	4.4
326	Plastics and Rubber Products	46	26	W	W	14	W	W	0	1	8.5
327	Nonmetallic Mineral Products	138	23	W	W	63	1	41	1	6	5.8
3272	Glass and Glass Products	40	W	W	W	30	*	0	0	W	3.6
327211	Flat Glass	11	W	0	W	9	*	0	0	W	0.9
327213	Glass Containers	13	W	0	W	10	*	0	0	*	0.9
327310	Cements	45	W	W	W	*	*	W	1	4	1
327410	Lime	5	W	0	W	*	*	W	0	*	0.9
327993	Mineral Wool	5	1	0	*	3	*	0	*	*	2.8
331	Primary Metals	144	52	*	W	68	W	W	Q	W	6.2
331111	Iron and Steel Mills	W	21	0	W	38	W	W	0	W	3.5
331112	Electrometallurgical Ferroalloy Products	W	W	0	*	W	W	0	0	W	0.9
3312	Steel Products from Purchased Steel	W	W	*	W	W	*	0	0	W	15.1

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3313	Alumina and Aluminum	W	W	*	W	11	*	0	0	W	1.3
331312	Primary Aluminum	W	W	*	*	W	*	0	0	W	0.9
3314	Nonferrous Metals, except Aluminum	23	W	*	W	8	W	7	1	W	4.1
3315	Foundries	W	W	*	*	7	*	*	Q	*	4.2
331511	Iron Foundries	13	2	0	*	3	*	*	Q	*	3.8
331521	Aluminum Die-Casting Foundries	1	*	0	*	*	*	0	0	*	3.4
331524	Aluminum Foundries, except Die-Casting	3	1	*	*	2	*	0	0	*	1.4
332	Fabricated Metal Products	54	22	W	W	29	W	W	*	*	16.1
333	Machinery	27	13	*	*	12	*	0	0	Q	14.7
334	Computer and Electronic Products	62	38	1	1	21	*	*	0	1	30.3
334413	Semiconductors and Related Devices	14	8	*	*	5	*	0	0	Q	2.3
335	Electrical Equip., Appliances, and Components	17	7	*	*	10	*	0	0	*	15.7
336	Transportation Equipment	49	14	4	*	20	*	0	0	11	5.6
336112	Light Trucks and Utility Vehicles	W	W	0	*	W	*	0	0	W	0.9
337	Furniture and Related Products	7	3	0	*	3	*	0	0	*	17.5
339	Miscellaneous	21	9	*	*	10	*	0	0	2	13.3
	Total	1,196	342	66	28	538	9	92	10	111	5.8
Midwest Census Region											
	RSE Column Factors:	1.1	1	0.8	1.3	1.2	2	0.4	0.7	1.2	
311	Food	532	97	4	2	246	1	159	1	22	10.7
311221	Wet Corn Milling	W	20	*	W	52	*	113	0	6	0.9
31131	Sugar	29	1	1	*	5	*	21	1	*	1
311421	Fruit and Vegetable Canning	7	1	*	*	5	*	0	0	*	3
312	Beverage and Tobacco Products	22	5	*	Q	10	*	6	0	*	5
3121	Beverages	22	W	*	W	W	W	6	0	*	5
3122	Tobacco	*	W	0	W	W	W	0	0	*	0.8
313	Textile Mills	3	1	0	*	1	*	0	0	*	6.5
314	Textile Product Mills	W	1	0	0	W	*	0	0	*	9.3
315	Apparel	W	1	0	0	W	*	0	0	*	13.8
316	Leather and Allied Products	4	1	0	*	3	*	0	0	*	13.2
321	Wood Products	30	11	*	W	13	1	W	0	4	4.3
321113	Sawmills	3	1	0	*	1	*	0	0	1	6.4
3212	Veneer, Plywood, and Engineered Woods	15	4	*	W	6	1	W	0	3	3.5
3219	Other Wood Products	12	5	0	*	5	*	0	0	1	10.8
322	Paper	274	52	7	1	100	Q	80	4	29	3.9
322110	Pulp Mills	W	W	0	*	W	*	W	0	W	0.9
322121	Paper Mills, except Newsprint	W	28	5	1	52	W	63	4	W	2.3
322122	Newsprint Mills	4	W	0	*	*	*	W	0	W	0.9
322130	Paperboard Mills	W	8	1	*	21	W	W	0	W	6.2
323	Printing and Related Support	33	18	0	*	15	*	0	0	*	10.7
324	Petroleum and Coal Products	156	23	4	1	102	3	0	0	22	5.5

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324110	Petroleum Refineries	131	21	4	*	84	1	0	0	20	2.4
324199	Other Petroleum and Coal Products	2	*	0	*	1	*	0	0	1	0.8
325	Chemicals	454	100	W	W	188	1	W	*	101	7.6
325110	Petrochemicals	W	W	0	*	2	0	0	0	*	0.9
325120	Industrial Gases	W	21	0	0	W	0	0	0	W	1.3
325181	Alkalies and Chlorine	W	W	0	W	W	*	W	0	*	4.2
325182	Carbon Black	W	W	W	0	1	*	0	0	*	0.9
325188	Other Basic Inorganic Chemicals	W	7	W	W	19	*	W	*	W	3.1
325192	Cyclic Crudes and Intermediates	W	W	W	W	6	*	0	0	*	0.8
325193	Ethyl Alcohol	57	4	0	*	28	*	19	0	6	5.6
325199	Other Basic Organic Chemicals	72	14	0	W	20	*	W	0	W	2.9
325211	Plastics Materials and Resins	W	15	W	*	20	*	W	*	W	3.7
325212	Synthetic Rubber	4	W	0	*	1	*	W	0	*	3.4
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	36	4	0	*	31	0	0	0	1	0.9
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	44	14	*	2	18	*	9	0	1	7
325412	Pharmaceutical Preparation	34	12	*	*	13	*	9	0	*	2.6
325992	Photographic Film, Paper, Plate, and Chemicals	W	W	0	0	*	*	0	0	0	3.6
326	Plastics and Rubber Products	137	68	W	W	48	W	W	0	1	12.3
327	Nonmetallic Mineral Products	261	36	W	W	112	1	85	2	17	5.3
3272	Glass and Glass Products	58	12	0	*	44	*	0	0	1	1.4
327211	Flat Glass	19	W	0	W	16	*	0	0	1	0.8
327213	Glass Containers	16	W	0	W	13	*	0	0	*	0.8
327310	Cements	88	10	0	1	6	*	55	*	15	3.3
327410	Lime	36	2	W	W	4	*	30	*	*	1
327993	Mineral Wool	20	5	0	*	14	*	0	1	*	1.3
331	Primary Metals	825	191	*	8	334	1	28	242	20	2
331111	Iron and Steel Mills	W	78	*	W	223	W	24	229	W	2.4
331112	Electrometallurgical Ferroalloy Products	19	8	0	*	7	W	2	*	W	1
3312	Steel Products from Purchased Steel	22	7	0	W	14	W	0	0	W	7.2
3313	Alumina and Aluminum	W	55	0	W	31	W	0	0	W	3
331312	Primary Aluminum	W	48	0	*	W	*	0	0	W	0.8
3314	Nonferrous Metals, except Aluminum	26	9	*	W	13	W	0	2	W	5.6
3315	Foundries	93	33	*	*	47	*	1	10	*	3
331511	Iron Foundries	47	19	0	*	16	*	1	10	*	4.2
331521	Aluminum Die-Casting Foundries	17	5	*	*	12	*	0	0	*	3.1
331524	Aluminum Foundries, except Die-Casting	11	3	0	*	8	*	0	0	*	2.9
332	Fabricated Metal Products	182	73	W	W	100	W	W	Q	1	15.4
333	Machinery	92	39	0	1	47	1	1	0	2	12.2
334	Computer and Electronic Products	32	18	0	*	13	*	0	0	1	7.1
334413	Semiconductors and Related Devices	3	2	0	*	1	*	0	0	0	1.5
335	Electrical Equip., Appliances, and Components	36	17	0	*	19	*	*	0	*	4.2
336	Transportation Equipment	237	94	*	W	120	2	W	0	12	12.6

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336112	Light Trucks and Utility Vehicles	36	W	*	W	24	*	W	0	W	0.9
337	Furniture and Related Products	21	8	0	W	12	*	W	0	*	13.5
339	Miscellaneous	19	10	*	*	9	*	0	0	*	9
	Total	3,353	863	20	30	1,494	16	445	253	232	6.2
South Census Region											
	RSE Column Factors:	0.9	1	0.9	1.3	1	1.8	0.7	0.7	1.1	
311	Food	285	79	Q	6	169	2	10	0	16	9.6
311221	Wet Corn Milling	20	4	0	*	5	*	8	0	4	0.9
31131	Sugar	20	1	1	1	10	*	2	0	5	0.9
311421	Fruit and Vegetable Canning	14	2	*	Q	11	Q	0	0	*	9.2
312	Beverage and Tobacco Products	46	12	1	Q	19	*	11	0	1	3.3
3121	Beverages	27	8	*	Q	15	*	1	0	1	3.8
3122	Tobacco	19	5	1	*	3	*	10	0	*	0.9
313	Textile Mills	169	78	1	1	52	*	22	0	15	18.4
314	Textile Product Mills	51	13	2	Q	24	Q	Q	0	Q	21.9
315	Apparel	15	7	*	Q	7	*	0	0	*	23.1
316	Leather and Allied Products	1	*	0	*	*	*	0	0	*	9
321	Wood Products	98	39	*	W	25	2	W	0	27	8
321113	Sawmills	26	11	0	2	3	*	0	0	9	10.1
3212	Veneer, Plywood, and Engineered Woods	53	20	*	W	17	1	W	0	12	9.2
3219	Other Wood Products	16	7	0	1	3	*	0	0	5	16.2
322	Paper	730	111	51	9	243	2	137	0	176	2.4
322110	Pulp Mills	W	6	10	5	19	*	W	0	W	0.9
322121	Paper Mills, except Newsprint	240	30	15	2	79	*	61	0	52	2.1
322122	Newsprint Mills	39	17	*	*	W	*	W	0	W	0.9
322130	Paperboard Mills	348	41	27	W	108	W	W	0	100	3.3
323	Printing and Related Support	28	15	W	W	11	*	0	0	*	7.5
324	Petroleum and Coal Products	806	82	5	5	563	3	10	0	138	4.9
324110	Petroleum Refineries	759	78	2	1	544	2	0	0	132	1.7
324199	Other Petroleum and Coal Products	18	1	0	*	2	*	10	0	5	1.7
325	Chemicals	2,390	367	33	W	1,336	30	218	1	W	5.1
325110	Petrochemicals	270	W	W	*	W	W	W	0	38	0.9
325120	Industrial Gases	W	45	0	*	47	*	0	0	W	4
325181	Alkalies and Chlorine	126	33	0	W	W	*	W	0	W	0.9
325182	Carbon Black	W	W	W	*	9	*	0	0	*	0.9
325188	Other Basic Inorganic Chemicals	108	69	W	W	31	*	W	0	W	2.2
325192	Cyclic Crudes and Intermediates	W	10	W	*	26	*	0	0	W	0.9
325193	Ethyl Alcohol	*	*	0	*	*	*	0	0	*	0.9
325199	Other Basic Organic Chemicals	882	68	W	W	395	2	W	0	261	11.4
325211	Plastics Materials and Resins	436	57	W	1	321	*	W	0	W	5.2
325212	Synthetic Rubber	47	W	*	*	27	*	W	0	12	8.5

Table 4.2 Offsite-Produced Fuel Consumption, 2002;
Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources;
Unit: Trillion Btu.

NAICS Code(a)	Subsector and Industry	Total	Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)	RSE Row Factors
325222	Noncellulosic Organic Fibers	60	W	W	*	30	*	W	0	3	0.9
325311	Nitrogenous Fertilizers	135	6	0	*	128	*	0	0	*	0.9
325312	Phosphatic Fertilizers	22	5	1	1	13	*	1	1	*	1
3254	Pharmaceuticals and Medicines	22	9	1	*	8	*	0	0	3	8.6
325412	Pharmaceutical Preparation	14	6	1	*	4	*	0	0	3	12.3
325992	Photographic Film, Paper, Plate, and Chemicals	W	W	W	*	2	*	0	0	*	5.4
326	Plastics and Rubber Products	141	73	5	1	57	1	0	0	2	13.6
327	Nonmetallic Mineral Products	395	61	W	W	184	1	116	8	16	6.5
3272	Glass and Glass Products	80	17	W	W	61	*	0	0	W	2.2
327211	Flat Glass	25	3	W	W	21	*	0	0	W	0.9
327213	Glass Containers	22	4	0	*	18	*	0	0	*	0.9
327310	Cements	135	17	0	2	10	*	89	7	9	3.4
327410	Lime	28	2	0	*	3	*	23	0	*	0.9
327993	Mineral Wool	21	5	0	*	15	*	0	1	*	3.6
331	Primary Metals	554	212	*	W	227	1	7	88	W	1.8
331111	Iron and Steel Mills	W	75	*	W	109	*	7	84	W	1.9
331112	Electrometallurgical Ferroalloy Products	W	W	0	*	W	*	0	0	W	11.1
3312	Steel Products from Purchased Steel	W	W	0	W	W	*	0	0	W	19.9
3313	Alumina and Aluminum	W	104	0	W	80	*	0	*	W	2.6
331312	Primary Aluminum	W	90	0	*	W	*	0	0	W	0.9
3314	Nonferrous Metals, except Aluminum	27	11	0	W	14	*	1	Q	W	8.3
3315	Foundries	37	14	0	*	18	*	*	4	*	1.5
331511	Iron Foundries	18	6	0	*	8	*	0	4	*	1.7
331521	Aluminum Die-Casting Foundries	4	1	0	*	3	*	0	0	*	1.7
331524	Aluminum Foundries, except Die-Casting	4	1	0	*	3	*	0	0	*	3.6
332	Fabricated Metal Products	120	52	W	W	65	2	*	0	*	15.3
333	Machinery	43	25	0	*	17	1	0	0	*	10.1
334	Computer and Electronic Products	40	31	0	*	8	*	0	0	*	6.5
334413	Semiconductors and Related Devices	16	13	0	*	3	*	0	0	*	3.1
335	Electrical Equip., Appliances, and Components	40	21	*	*	18	1	0	0	1	10.1
336	Transportation Equipment	101	48	2	W	44	1	W	0	3	5.9
336112	Light Trucks and Utility Vehicles	18	W	0	*	W	*	0	0	1	0.9
337	Furniture and Related Products	22	11	0	W	8	1	W	0	2	19.5
339	Miscellaneous	19	10	*	*	8	*	0	0	*	17
	Total	6,092	1,348	104	53	3,086	49	540	97	815	3.5
West Census Region											
	RSE Column Factors:	1.2	1.2	0.7	1.4	1.3	1.9	0.6	0.5	1	
311	Food	171	35	*	7	105	Q	13	*	9	7.5
311221	Wet Corn Milling	W	W	0	W	4	*	0	0	1	2.8
31131	Sugar	W	W	*	*	W	*	13	*	3	1
311421	Fruit and Vegetable Canning	20	2	*	*	17	*	0	0	*	7

Table 4.2 Offsite-Produced Fuel Consumption, 2002;
Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources;
Unit: Trillion Btu.

NAICS Code(a)	Subsector and Industry	Total	Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)	RSE Row Factors
312	Beverage and Tobacco Products	23	6	0	*	10	*	0	0	7	3.8
3121	Beverages	23	6	0	*	10	*	0	0	7	3.8
3122	Tobacco	*	*	0	0	0	0	0	0	0	0.8
313	Textile Mills	11	3	0	0	Q	*	0	0	1	9.4
314	Textile Product Mills	2	1	0	0	1	*	0	0	0	17.2
315	Apparel	8	3	0	*	Q	*	0	0	*	28.5
316	Leather and Allied Products	*	*	0	*	*	0	0	0	0	29.1
321	Wood Products	54	19	*	3	15	1	0	0	16	6.9
321113	Sawmills	25	8	*	2	6	*	0	0	9	6.1
3212	Veneer, Plywood, and Engineered Woods	22	8	0	*	7	*	0	0	6	4.4
3219	Other Wood Products	6	3	0	*	2	*	0	0	Q	11.4
322	Paper	202	50	W	W	88	W	W	0	56	1.4
322110	Pulp Mills	W	1	W	*	W	*	0	0	W	0.8
322121	Paper Mills, except Newsprint	W	12	3	*	27	*	0	0	W	1.9
322122	Newsprint Mills	W	16	W	W	W	*	0	0	W	0.8
322130	Paperboard Mills	91	14	W	W	43	W	W	0	W	1
323	Printing and Related Support	15	6	0	*	8	*	0	0	*	17
324	Petroleum and Coal Products	245	24	2	2	168	4	0	0	46	8.6
324110	Petroleum Refineries	230	23	2	*	157	3	0	0	45	5.5
324199	Other Petroleum and Coal Products	2	*	0	*	2	0	0	0	*	0.8
325	Chemicals	148	40	W	W	79	*	W	0	W	5.2
325110	Petrochemicals	0	0	0	0	0	0	0	0	0	0
325120	Industrial Gases	W	11	0	0	W	0	0	0	0	1.7
325181	Alkalies and Chlorine	31	W	0	*	W	*	W	0	1	0.9
325182	Carbon Black	*	W	0	0	*	*	0	0	0	0.7
325188	Other Basic Inorganic Chemicals	W	10	W	W	13	*	W	0	W	1.8
325192	Cyclic Crudes and Intermediates	W	W	0	W	*	*	0	0	W	0.8
325193	Ethyl Alcohol	2	*	0	*	1	*	0	0	1	0.8
325199	Other Basic Organic Chemicals	5	1	W	*	3	*	0	0	W	7.6
325211	Plastics Materials and Resins	W	W	0	*	1	*	0	0	*	5
325212	Synthetic Rubber	*	*	0	0	*	*	0	0	*	0.8
325222	Noncellulosic Organic Fibers	*	*	0	0	0	*	0	0	0	0.7
325311	Nitrogenous Fertilizers	30	2	0	*	28	*	0	0	*	0.8
325312	Phosphatic Fertilizers	8	2	0	*	6	*	0	0	*	0.8
3254	Pharmaceuticals and Medicines	9	4	0	*	5	*	0	0	*	4.1
325412	Pharmaceutical Preparation	5	2	0	*	3	*	0	0	*	5.6
325992	Photographic Film, Paper, Plate, and Chemicals	W	W	0	*	2	*	0	0	0	0.7
326	Plastics and Rubber Products	24	15	0	W	9	W	0	0	*	13.1
327	Nonmetallic Mineral Products	166	22	W	W	62	*	67	*	3	3.7
3272	Glass and Glass Products	23	W	W	W	17	*	0	0	*	1
327211	Flat Glass	7	W	W	W	5	*	0	0	W	0.8
327213	Glass Containers	14	W	0	W	11	*	0	0	*	0.8
327310	Cements	77	W	W	W	5	*	W	*	2	1.3
327410	Lime	12	W	W	W	1	*	W	0	*	0.9

Table 4.2 Offsite-Produced Fuel Consumption, 2002;
Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources;
Unit: Trillion Btu.

NAICS Code(a)	Subsector and Industry	Total	Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)	RSE Row Factors
327993	Mineral Wool	5	2	0	*	3	*	0	*	*	1.1
331	Primary Metals	91	46	0	W	40	W	W	1	W	2
331111	Iron and Steel Mills	32	13	0	W	18	W	W	*	W	2.1
331112	Electrometallurgical Ferroalloy Products	W	W	0	*	*	*	0	0	W	0.8
3312	Steel Products from Purchased Steel	W	W	0	*	1	*	0	0	W	2.6
3313	Alumina and Aluminum	W	W	0	*	8	*	0	0	W	2.9
331312	Primary Aluminum	W	W	0	*	W	*	0	0	W	0.9
3314	Nonferrous Metals, except Aluminum	18	W	0	W	8	*	0	0	W	4.7
3315	Foundries	W	W	0	*	4	*	*	1	*	2.5
331511	Iron Foundries	2	1	0	*	1	*	*	1	*	1.2
331521	Aluminum Die-Casting Foundries	1	*	0	0	*	*	0	0	*	8.6
331524	Aluminum Foundries, except Die-Casting	1	*	0	*	1	*	0	0	*	2.2
332	Fabricated Metal Products	30	14	0	*	15	*	0	0	*	11.9
333	Machinery	13	7	0	*	6	*	0	0	*	10.1
334	Computer and Electronic Products	67	44	*	*	23	*	0	0	*	6.5
334413	Semiconductors and Related Devices	34	22	0	*	12	*	0	0	*	6
335	Electrical Equip., Appliances, and Components	10	3	0	*	Q	*	0	0	*	5.6
336	Transportation Equipment	36	16	0	*	18	*	0	0	1	12.8
336112	Light Trucks and Utility Vehicles	W	W	0	*	*	*	0	0	*	0.8
337	Furniture and Related Products	5	3	*	*	2	*	0	0	*	13.4
339	Miscellaneous	12	7	0	*	5	*	0	0	*	15.2
	Total	1,333	364	10	27	672	10	105	1	143	3.1

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

(b) 'Electricity' consists of quantities of electricity that were purchased or transferred in, and is equivalent to 'purchased electricity' as defined in the 'Annual Survey of Manufactures.'

(c) 'Distillate Fuel Oil' includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.

(d) 'Natural Gas' includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.

(e) 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).'

(f) 'Other' includes all other energy that was purchased or transferred in and not shown elsewhere.

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.

Table 4.2 Offsite-Produced Fuel Consumption, 2002;
Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources;
Unit: Trillion Btu.

NAICS Code(a)	Subsector and Industry	Total	Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)	RSE Row Factors
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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. The derived estimates presented in this table represent the consumption of energy originally produced offsite, acquired as a result of a purchase or transfer and consumed onsite for the production of heat and power. This definition is consistent with the definition of 'purchased' fuels and electric energy used by the Bureau of the Census in the preparation of 'Fuels and Electric Energy Consumed,' of the 'Annual Survey of Manufactures,' for 1974 through 1981.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2002 Manufacturing Energy Consumption Survey,' and Office of Oil and Gas, Petroleum Supply Division, Form EIA-810, 'Monthly Refinery Report' for 2002.