

**Table 4.2 Offsite-Produced Fuel Consumption, 2006;**  
**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)
<b>Total United States</b>										
311	Food	1,124	251	26	16	635	3	147	1	45
3112	Grain and Oilseed Milling	315	53	2	1	118	*	114	0	28
311221	Wet Corn Milling	179	23	*	*	52	*	95	0	8
31131	Sugar Manufacturing	67	3	9	1	18	*	31	1	4
3114	Fruit and Vegetable Preserving and Specialty Food	168	33	2	1	126	1	1	0	3
3115	Dairy Product	121	34	1	1	83	*	*	0	1
3116	Animal Slaughtering and Processing	220	60	3	5	145	1	0	0	Q
312	Beverage and Tobacco Products	101	30	3	1	41	1	20	0	5
3121	Beverages	89	26	2	1	38	1	16	0	5
3122	Tobacco	13	4	1	*	3	*	4	0	*
313	Textile Mills	178	66	2	*	65	*	32	0	12
314	Textile Product Mills	72	20	Q	*	Q	Q	3	0	*
315	Apparel	14	7	*	*	7	*	0	0	*
316	Leather and Allied Products	3	1	*	*	1	*	0	0	*
321	Wood Products	296	94	4	15	86	4	Q	Q	77
321113	Sawmills	65	26	*	8	12	*	0	0	18
3212	Veneer, Plywood, and Engineered Woods	110	34	*	1	45	2	2	0	26
3219	Other Wood Products	113	33	*	5	28	1	Q	Q	Q
322	Paper	1,352	265	91	13	473	5	221	0	284
322110	Pulp Mills	63	6	11	4	13	*	6	0	23
322121	Paper Mills, except Newsprint	566	87	47	2	174	1	122	0	133
322122	Newsprint Mills	69	32	2	*	8	*	14	0	12
322130	Paperboard Mills	445	83	29	6	141	*	73	0	112
323	Printing and Related Support	85	45	*	*	39	1	0	0	*
324	Petroleum and Coal Products	1,444	151	40	19	849	5	53	*	327
324110	Petroleum Refineries	1,289	139	35	3	792	5	1	0	315
324199	Other Petroleum and Coal Products	67	2	0	*	3	*	52	*	10
325	Chemicals	2,754	540	23	8	1,382	7	167	*	626
325110	Petrochemicals	564	W	5	*	110	*	0	0	W
325120	Industrial Gases	89	72	0	*	14	*	0	0	3
325181	Alkalies and Chlorine	162	30	0	*	106	*	16	0	8
325182	Carbon Black	9	2	*	*	6	*	0	0	*
325188	Other Basic Inorganic Chemicals	186	82	9	1	54	*	23	0	17
325192	Cyclic Crudes and Intermediates	36	9	0	*	16	*	0	0	12
325193	Ethyl Alcohol	110	9	0	*	81	*	19	0	1
325199	Other Basic Organic Chemicals	514	W	2	2	306	*	54	0	W
325211	Plastics Materials and Resins	451	70	*	1	327	6	11	*	36
325212	Synthetic Rubber	44	6	*	*	26	*	6	0	5
325222	Noncellulosic Organic Fibers	77	17	3	*	34	*	9	0	14
325311	Nitrogenous Fertilizers	126	8	0	*	117	*	0	0	1
325312	Phosphatic Fertilizers	20	6	*	1	11	*	2	0	*
3254	Pharmaceuticals and Medicines	92	32	1	1	46	*	6	0	5
325412	Pharmaceutical Preparation	65	22	1	1	31	*	5	0	4
325992	Photographic Film, Paper, Plate, and Chemicals	29	4	*	*	7	*	16	0	Q
326	Plastics and Rubber Products	334	182	9	3	126	5	Q	0	*
327	Nonmetallic Mineral Products	1,146	150	3	30	500	5	320	11	126
327211	Flat Glass	61	6	1	*	52	*	0	0	1
327212	Other Pressed and Blown Glass and Glassware	91	17	0	*	Q	*	0	0	9
327213	Glass Containers	64	13	0	*	50	*	0	0	*
327215	Glass Products from Purchased Glass	106	13	0	*	93	*	*	0	*
327310	Cements	385	44	1	3	20	*	235	5	77
327410	Lime	116	5	*	1	5	*	78	4	22
327420	Gypsum	86	6	*	1	76	*	0	0	2
327993	Mineral Wool	51	14	0	*	34	*	0	3	*
331	Primary Metals	1,328	465	19	6	561	4	21	201	51
331111	Iron and Steel Mills	728	175	19	3	305	*	14	186	25
331112	Electrometallurgical Ferroalloy Products	17	11	0	*	1	*	2	*	3
3312	Steel Products from Purchased Steel	43	15	0	*	26	*	*	0	2
3313	Alumina and Aluminum	277	156	*	1	116	1	*	0	3
331314	Secondary Smelting and Alloying of Aluminum	21	2	*	*	18	*	*	0	*
331315	Aluminum Sheet, Plate and Foils	52	13	0	*	37	*	0	0	2
331316	Aluminum Extruded Products	25	7	*	*	17	1	0	0	*
3314	Nonferrous Metals, except Aluminum	105	50	1	1	41	1	4	3	4
3315	Foundries	158	57	*	1	72	1	0	12	14
331511	Iron Foundries	80	29	*	1	24	*	0	12	14
331521	Aluminum Die-Casting Foundries	22	7	0	*	15	*	0	0	*

**Table 4.2 Offsite-Produced Fuel Consumption, 2006;**  
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**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)
331524	Aluminum Foundries, except Die-Casting	17	4	*	*	13	*	0	0	*
332	Fabricated Metal Products	396	143	*	2	240	4	0	Q	Q
333	Machinery	204	111	Q	2	84	3	1	0	2
334	Computer and Electronic Products	141	94	*	1	45	*	0	0	1
334413	Semiconductors and Related Devices	63	43	*	*	19	*	0	0	1
335	Electrical Equip., Appliances, and Components	87	44	0	Q	41	1	0	0	*
336	Transportation Equipment	476	195	7	3	249	4	5	Q	13
336111	Automobiles	39	13	*	*	21	*	2	0	2
336112	Light Trucks and Utility Vehicles	43	15	*	*	25	*	1	0	1
3364	Aerospace Product and Parts	77	39	3	1	30	*	*	0	3
336411	Aircraft	21	12	*	*	8	*	0	0	*
337	Furniture and Related Products	54	32	*	Q	17	1	3	0	1
339	Miscellaneous	66	33	Q	*	25	1	0	0	Q
	<b>Total</b>	<b>11,655</b>	<b>2,918</b>	<b>233</b>	<b>122</b>	<b>5,514</b>	<b>54</b>	<b>1,016</b>	<b>216</b>	<b>1,582</b>
<b>Northeast Census Region</b>										
311	Food	59	19	3	3	33	*	0	0	Q
3112	Grain and Oilseed Milling	4	2	*	*	2	*	0	0	*
311221	Wet Corn Milling	*	*	*	*	0	0	0	0	*
31131	Sugar Manufacturing	3	*	0	*	3	*	0	0	*
3114	Fruit and Vegetable Preserving and Specialty Food	7	2	1	*	3	*	0	0	Q
3115	Dairy Product	13	4	*	1	8	*	0	0	*
3116	Animal Slaughtering and Processing	4	2	0	*	2	*	0	0	*
312	Beverage and Tobacco Products	12	4	1	*	6	*	0	0	*
3121	Beverages	11	4	1	*	6	*	0	0	*
3122	Tobacco	1	*	*	*	*	*	0	0	*
313	Textile Mills	14	5	2	*	7	*	0	0	*
314	Textile Product Mills	4	2	0	*	1	*	Q	0	0
315	Apparel	1	*	0	*	*	*	0	0	0
316	Leather and Allied Products	1	1	*	*	*	*	0	0	0
321	Wood Products	17	6	*	1	6	*	0	0	3
321113	Sawmills	5	2	*	1	Q	*	0	0	2
3212	Veneer, Plywood, and Engineered Woods	6	2	0	*	3	*	0	0	*
3219	Other Wood Products	5	2	0	*	2	*	0	0	Q
322	Paper	184	31	27	1	64	2	15	0	43
322110	Pulp Mills	2	*	2	*	*	*	0	0	*
322121	Paper Mills, except Newsprint	127	15	20	1	40	*	14	0	37
322122	Newsprint Mills	3	1	2	*	0	*	0	0	0
322130	Paperboard Mills	24	7	2	*	10	*	0	0	4
323	Printing and Related Support	13	7	*	*	6	*	0	0	*
324	Petroleum and Coal Products	89	14	9	6	46	1	2	*	10
324110	Petroleum Refineries	66	11	5	*	38	1	1	0	10
324199	Other Petroleum and Coal Products	3	1	0	*	*	*	2	*	*
325	Chemicals	143	38	10	2	65	*	16	0	12
325110	Petrochemicals	*	*	0	*	*	*	0	0	0
325120	Industrial Gases	11	7	0	0	1	*	0	0	2
325181	Alkalies and Chlorine	8	6	0	*	1	*	0	0	2
325182	Carbon Black	0	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	11	3	5	*	2	*	0	0	*
325192	Cyclic Crudes and Intermediates	6	1	0	*	4	*	0	0	1
325193	Ethyl Alcohol	*	*	0	0	*	*	0	0	0
325199	Other Basic Organic Chemicals	10	2	*	*	5	*	0	0	2
325211	Plastics Materials and Resins	14	4	*	*	7	*	0	0	2
325212	Synthetic Rubber	1	*	0	*	*	*	0	0	*
325222	Noncellulosic Organic Fibers	*	*	*	*	*	*	0	0	0
325311	Nitrogenous Fertilizers	1	*	0	0	1	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	39	10	1	1	25	*	0	0	2
325412	Pharmaceutical Preparation	30	7	1	1	20	*	0	0	2
325992	Photographic Film, Paper, Plate, and Chemicals	21	1	*	*	3	*	16	0	*
326	Plastics and Rubber Products	49	23	Q	Q	21	Q	0	0	*
327	Nonmetallic Mineral Products	178	18	1	4	99	*	39	1	15
327211	Flat Glass	11	1	0	*	10	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	15	1	0	*	4	*	0	0	9
327213	Glass Containers	13	3	0	*	10	*	0	0	*
327215	Glass Products from Purchased Glass	44	1	0	*	43	*	*	0	*
327310	Cements	44	5	1	*	*	*	32	1	5

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327410	Lime	4	*	*	*	0	*	3	0	*
327420	Gypsum	10	1	*	*	9	*	0	0	*
327993	Mineral Wool	7	1	0	*	6	*	0	*	*
331	Primary Metals	148	58	*	1	81	1	3	1	3
331111	Iron and Steel Mills	76	26	0	*	49	*	*	0	1
331112	Electrometallurgical Ferroalloy Products	0	0	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	10	2	0	*	7	*	0	0	1
3313	Alumina and Aluminum	32	18	*	*	13	*	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	1	*	*	*	*	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	8	2	0	*	5	*	0	0	*
331316	Aluminum Extruded Products	5	1	*	*	4	*	0	0	*
3314	Nonferrous Metals, except Aluminum	19	8	*	*	7	*	3	1	*
3315	Foundries	11	4	*	*	6	*	0	1	*
331511	Iron Foundries	4	2	*	*	2	*	0	1	*
331521	Aluminum Die-Casting Foundries	2	*	0	*	2	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	1	*	*	*	1	*	0	0	*
332	Fabricated Metal Products	53	18	*	*	29	*	0	Q	Q
333	Machinery	Q	17	Q	*	Q	*	0	0	*
334	Computer and Electronic Products	27	17	*	*	9	*	0	0	*
334413	Semiconductors and Related Devices	12	7	*	*	4	*	0	0	*
335	Electrical Equip., Appliances, and Components	9	5	0	*	3	*	0	0	*
336	Transportation Equipment	61	23	3	*	Q	*	0	0	Q
336111	Automobiles	*	*	0	0	*	*	0	0	0
336112	Light Trucks and Utility Vehicles	*	*	0	*	0	0	0	0	0
3364	Aerospace Product and Parts	11	4	3	*	5	*	0	0	*
336411	Aircraft	1	1	0	*	*	*	0	0	*
337	Furniture and Related Products	5	2	*	*	2	*	0	0	*
339	Miscellaneous	22	9	Q	*	6	*	0	0	Q
	Total	1,124	318	62	23	534	8	76	4	100
<b>Midwest Census Region</b>										
311	Food	565	105	11	2	297	1	119	*	28
3112	Grain and Oilseed Milling	256	39	1	1	91	*	103	0	20
311221	Wet Corn Milling	160	20	0	*	49	*	88	0	3
31131	Sugar Manufacturing	23	2	1	*	5	*	14	*	*
3114	Fruit and Vegetable Preserving and Specialty Food	Q	10	1	*	Q	*	1	0	*
3115	Dairy Product	45	13	Q	*	30	*	*	0	1
3116	Animal Slaughtering and Processing	111	23	2	1	79	*	0	0	Q
312	Beverage and Tobacco Products	20	5	1	*	8	*	5	0	*
3121	Beverages	19	5	1	*	8	*	5	0	*
3122	Tobacco	*	*	0	*	*	*	0	0	*
313	Textile Mills	Q	*	0	0	*	*	0	0	0
314	Textile Product Mills	Q	Q	0	0	*	*	0	0	0
315	Apparel	*	*	0	0	*	0	0	0	0
316	Leather and Allied Products	1	*	0	0	1	*	0	0	*
321	Wood Products	114	26	*	4	39	1	Q	Q	Q
321113	Sawmills	3	1	0	1	1	*	0	0	1
3212	Veneer, Plywood, and Engineered Woods	22	4	*	*	16	*	1	0	*
3219	Other Wood Products	88	20	*	Q	Q	*	Q	Q	Q
322	Paper	227	50	6	1	75	1	63	0	32
322110	Pulp Mills	1	1	0	*	*	*	0	0	*
322121	Paper Mills, except Newsprint	134	24	5	*	36	*	47	0	21
322122	Newsprint Mills	4	2	0	*	*	*	0	0	2
322130	Paperboard Mills	40	8	1	*	12	*	12	0	7
323	Printing and Related Support	30	18	0	*	12	*	0	0	*
324	Petroleum and Coal Products	223	31	1	1	108	1	51	0	30
324110	Petroleum Refineries	147	28	1	*	87	1	*	0	30
324199	Other Petroleum and Coal Products	52	*	0	*	1	*	51	0	*
325	Chemicals	429	142	*	1	201	5	49	*	32
325110	Petrochemicals	3	1	0	*	2	0	0	0	*
325120	Industrial Gases	26	25	0	0	1	*	0	0	*
325181	Alkalies and Chlorine	1	1	0	*	*	*	0	0	*
325182	Carbon Black	1	*	0	*	*	*	0	0	*
325188	Other Basic Inorganic Chemicals	18	4	*	*	11	*	1	0	2
325192	Cyclic Crudes and Intermediates	9	1	0	*	1	*	0	0	7
325193	Ethyl Alcohol	107	9	0	*	79	*	19	0	*
325199	Other Basic Organic Chemicals	62	14	0	*	30	*	11	0	7

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325211	Plastics Materials and Resins	46	12	0	*	20	4	6	*	3
325212	Synthetic Rubber	5	1	0	*	1	*	3	*	*
325222	Noncellulosic Organic Fibers	*	*	0	0	*	0	0	0	0
325311	Nitrogenous Fertilizers	17	2	0	*	14	*	0	0	1
325312	Phosphatic Fertilizers	*	*	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	28	9	0	*	10	*	6	0	3
325412	Pharmaceutical Preparation	20	7	0	*	5	*	5	0	3
325992	Photographic Film, Paper, Plate, and Chemicals	1	1	0	*	*	*	0	0	0
326	Plastics and Rubber Products	129	79	0	*	49	1	0	0	*
327	Nonmetallic Mineral Products	314	44	0	Q	131	1	83	2	43
327211	Flat Glass	17	2	0	*	15	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	Q	Q	0	*	Q	*	0	0	*
327213	Glass Containers	15	3	0	*	12	*	0	0	*
327215	Glass Products from Purchased Glass	9	6	0	*	3	*	0	0	*
327310	Cements	105	11	0	1	10	*	49	0	34
327410	Lime	46	2	0	*	2	*	34	1	8
327420	Gypsum	15	1	0	*	13	*	0	0	*
327993	Mineral Wool	21	6	0	*	14	*	0	1	*
331	Primary Metals	669	161	15	3	265	1	13	168	43
331111	Iron and Steel Mills	446	71	15	2	168	*	11	158	21
331112	Electrometallurgical Ferroalloy Products	13	7	0	*	1	*	2	*	3
3312	Steel Products from Purchased Steel	21	7	0	*	13	*	*	0	*
3313	Alumina and Aluminum	53	25	0	*	27	*	0	0	1
331314	Secondary Smelting and Alloying of Aluminum	11	1	0	*	10	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	15	4	0	*	10	*	0	0	1
331316	Aluminum Extruded Products	8	3	0	*	5	*	0	0	*
3314	Nonferrous Metals, except Aluminum	37	17	0	*	13	1	0	2	4
3315	Foundries	99	34	0	*	44	*	0	7	14
331511	Iron Foundries	54	18	0	*	14	*	0	7	14
331521	Aluminum Die-Casting Foundries	15	5	0	*	10	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	11	2	0	*	9	*	0	0	*
332	Fabricated Metal Products	184	60	0	*	121	2	0	0	*
333	Machinery	116	64	0	1	48	1	1	0	1
334	Computer and Electronic Products	24	14	0	*	10	*	0	0	*
334413	Semiconductors and Related Devices	3	2	0	0	1	*	0	0	*
335	Electrical Equip., Appliances, and Components	27	15	0	*	12	*	0	0	*
336	Transportation Equipment	278	101	Q	1	161	2	5	Q	6
336111	Automobiles	26	8	*	*	15	*	2	0	1
336112	Light Trucks and Utility Vehicles	27	8	0	*	16	*	1	0	1
3364	Aerospace Product and Parts	14	7	*	*	6	*	0	0	1
336411	Aircraft	5	3	0	*	2	*	0	0	*
337	Furniture and Related Products	23	10	0	*	10	*	1	0	*
339	Miscellaneous	17	9	*	*	8	*	0	0	*
	<b>Total</b>	<b>3,392</b>	<b>935</b>	<b>36</b>	<b>25</b>	<b>1,558</b>	<b>17</b>	<b>404</b>	<b>172</b>	<b>245</b>

### South Census Region

311	Food	290	83	11	4	170	1	12	0	10
3112	Grain and Oilseed Milling	48	10	*	*	20	*	10	0	7
311221	Wet Corn Milling	17	3	0	*	3	*	6	0	4
31131	Sugar Manufacturing	20	*	7	1	8	*	2	0	1
3114	Fruit and Vegetable Preserving and Specialty Food	29	8	*	Q	19	*	0	0	1
3115	Dairy Product	11	5	0	*	6	*	0	0	0
3116	Animal Slaughtering and Processing	83	29	1	2	50	1	0	0	*
312	Beverage and Tobacco Products	41	14	1	*	17	*	7	0	1
3121	Beverages	29	10	1	*	15	*	3	0	1
3122	Tobacco	12	4	*	*	3	*	4	0	*
313	Textile Mills	160	61	*	*	55	*	32	0	12
314	Textile Product Mills	65	18	Q	*	Q	Q	Q	0	*
315	Apparel	12	6	*	*	7	*	0	0	*
316	Leather and Allied Products	*	*	0	0	*	*	0	0	0
321	Wood Products	106	41	Q	5	23	2	1	0	34
321113	Sawmills	25	13	*	2	2	*	0	0	8
3212	Veneer, Plywood, and Engineered Woods	65	21	*	1	18	1	1	0	23
3219	Other Wood Products	13	7	*	1	3	*	0	0	2
322	Paper	746	124	53	8	250	2	128	0	181
322110	Pulp Mills	57	W	9	4	W	*	6	0	22
322121	Paper Mills, except Newsprint	251	37	19	1	71	*	61	0	61

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**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)
322122	Newsprint Mills	15	12	0	*	*	*	1	0	2
322130	Paperboard Mills	305	43	24	3	80	*	60	0	94
323	Printing and Related Support	37	17	0	*	19	*	0	0	*
324	Petroleum and Coal Products	830	82	25	7	505	1	0	0	211
324110	Petroleum Refineries	808	78	25	1	496	1	0	0	208
324199	Other Petroleum and Coal Products	6	1	0	*	1	*	0	0	3
325	Chemicals	2,081	328	13	5	1,074	2	80	0	579
325110	Petrochemicals	561	W	5	*	107	*	0	0	W
325120	Industrial Gases	44	32	0	*	11	*	0	0	1
325181	Alkalies and Chlorine	128	19	0	*	93	*	10	0	5
325182	Carbon Black	8	2	*	*	6	*	0	0	*
325188	Other Basic Inorganic Chemicals	120	65	3	1	30	*	6	0	15
325192	Cyclic Crudes and Intermediates	22	7	0	*	10	*	0	0	4
325193	Ethyl Alcohol	2	*	0	*	2	*	0	0	*
325199	Other Basic Organic Chemicals	439	W	1	1	270	*	43	0	W
325211	Plastics Materials and Resins	389	53	*	*	299	1	5	0	31
325212	Synthetic Rubber	39	5	*	*	25	*	3	0	5
325222	Noncellulosic Organic Fibers	76	17	3	*	34	*	9	0	14
325311	Nitrogenous Fertilizers	103	6	0	*	97	*	0	0	*
325312	Phosphatic Fertilizers	16	W	*	1	W	*	2	0	*
3254	Pharmaceuticals and Medicines	18	8	*	*	8	*	0	0	1
325412	Pharmaceutical Preparation	10	5	*	*	4	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	4	W	0	*	W	*	0	0	Q
326	Plastics and Rubber Products	138	67	8	Q	51	1	Q	0	*
327	Nonmetallic Mineral Products	470	65	*	9	212	Q	132	6	43
327211	Flat Glass	24	3	0	*	21	*	0	0	1
327212	Other Pressed and Blown Glass and Glassware	23	6	0	*	17	*	0	0	*
327213	Glass Containers	22	5	0	*	18	*	0	0	*
327215	Glass Products from Purchased Glass	52	4	0	*	Q	*	*	0	*
327310	Cements	147	18	*	2	6	*	99	2	20
327410	Lime	48	2	0	*	3	*	30	3	10
327420	Gypsum	35	3	0	*	32	*	0	0	*
327993	Mineral Wool	17	5	0	*	11	*	0	1	*
331	Primary Metals	420	204	4	2	169	1	5	31	3
331111	Iron and Steel Mills	174	68	4	1	70	*	4	27	1
331112	Electrometallurgical Ferroalloy Products	4	4	0	*	*	0	0	0	*
3312	Steel Products from Purchased Steel	11	5	0	*	5	*	0	0	*
3313	Alumina and Aluminum	170	99	0	*	69	1	*	0	1
331314	Secondary Smelting and Alloying of Aluminum	7	1	0	*	6	*	*	0	*
331315	Aluminum Sheet, Plate and Foils	26	6	0	*	20	*	0	0	*
331316	Aluminum Extruded Products	9	2	0	*	6	1	0	0	*
3314	Nonferrous Metals, except Aluminum	23	12	0	*	8	*	2	*	1
3315	Foundries	38	16	0	1	17	*	0	3	*
331511	Iron Foundries	20	9	0	*	7	*	0	3	*
331521	Aluminum Die-Casting Foundries	4	1	0	*	3	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	4	1	0	*	3	*	0	0	*
332	Fabricated Metal Products	124	48	*	1	73	2	0	0	*
333	Machinery	47	25	0	*	21	Q	0	0	*
334	Computer and Electronic Products	35	26	0	*	9	*	0	0	*
334413	Semiconductors and Related Devices	16	11	0	*	4	*	0	0	*
335	Electrical Equip., Appliances, and Components	46	22	0	*	24	*	0	0	*
336	Transportation Equipment	102	53	3	1	39	1	1	0	4
336111	Automobiles	12	5	*	*	5	*	*	0	1
336112	Light Trucks and Utility Vehicles	16	7	*	*	9	*	0	0	*
3364	Aerospace Product and Parts	26	15	*	*	9	*	*	0	2
336411	Aircraft	9	5	*	*	3	*	0	0	*
337	Furniture and Related Products	25	17	0	Q	4	*	Q	0	1
339	Miscellaneous	19	9	0	*	9	*	0	0	*
	Total	5,795	1,310	119	45	2,774	20	410	37	1,079
<b>West Census Region</b>										
311	Food	210	45	1	7	135	1	15	*	6
3112	Grain and Oilseed Milling	8	2	0	*	5	*	0	0	1
311221	Wet Corn Milling	2	*	0	*	0	*	0	0	1
31131	Sugar Manufacturing	22	1	0	*	2	*	15	*	3
3114	Fruit and Vegetable Preserving and Specialty Food	63	13	1	*	47	*	0	0	1
3115	Dairy Product	52	13	0	*	39	*	0	0	*

**Table 4.2 Offsite-Produced Fuel Consumption, 2006;**  
**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)
3116	Animal Slaughtering and Processing	22	5	0	Q	15	*	0	0	*
312	Beverage and Tobacco Products	28	7	0	*	9	*	7	0	4
3121	Beverages	28	7	0	*	9	1	7	0	4
3122	Tobacco	0	0	0	0	0	0	0	0	0
313	Textile Mills	Q	*	0	0	Q	*	0	0	0
314	Textile Product Mills	2	*	0	0	1	*	*	0	0
315	Apparel	1	1	0	0	*	0	0	*	0
316	Leather and Allied Products	*	*	0	*	*	*	0	0	*
321	Wood Products	59	21	3	5	18	1	0	0	12
321113	Sawmills	32	10	*	4	Q	*	0	0	8
3212	Veneer, Plywood, and Engineered Woods	17	7	0	*	7	1	0	0	2
3219	Other Wood Products	7	3	*	*	2	*	0	0	Q
322	Paper	195	60	5	3	84	1	14	0	28
322110	Pulp Mills	3	W	*	*	W	*	0	0	*
322121	Paper Mills, except Newsprint	55	11	3	*	26	*	0	0	14
322122	Newsprint Mills	47	17	*	*	8	*	13	0	8
322130	Paperboard Mills	75	25	1	2	39	*	1	0	6
323	Printing and Related Support	5	3	0	0	2	*	0	0	0
324	Petroleum and Coal Products	302	24	5	5	190	2	0	0	76
324110	Petroleum Refineries	268	22	4	2	171	2	0	0	68
324199	Other Petroleum and Coal Products	6	*	0	*	*	*	0	0	6
325	Chemicals	100	32	*	*	41	*	23	0	3
325110	Petrochemicals	*	*	0	0	*	*	0	0	0
325120	Industrial Gases	7	7	0	0	*	0	0	0	0
325181	Alkalies and Chlorine	25	5	0	*	12	*	7	0	1
325182	Carbon Black	*	*	0	0	*	*	0	0	0
325188	Other Basic Inorganic Chemicals	37	10	*	*	10	*	16	0	*
325192	Cyclic Crudes and Intermediates	*	*	0	0	*	*	0	0	*
325193	Ethyl Alcohol	2	*	0	*	*	*	0	0	1
325199	Other Basic Organic Chemicals	4	1	0	*	2	*	0	0	1
325211	Plastics Materials and Resins	2	1	0	*	1	*	0	0	0
325212	Synthetic Rubber	*	*	0	0	*	*	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	5	1	0	*	4	*	0	0	*
325312	Phosphatic Fertilizers	4	W	0	*	W	*	0	0	*
3254	Pharmaceuticals and Medicines	8	3	0	*	4	*	0	0	*
325412	Pharmaceutical Preparation	5	2	0	*	3	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	3	W	0	*	W	*	0	0	0
326	Plastics and Rubber Products	18	13	0	*	4	Q	0	0	*
327	Nonmetallic Mineral Products	183	23	2	Q	58	*	66	2	25
327211	Flat Glass	8	1	1	*	6	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	1	*	0	*	1	*	0	0	*
327213	Glass Containers	14	3	0	*	11	*	0	0	*
327215	Glass Products from Purchased Glass	1	1	0	*	*	*	0	0	*
327310	Cements	89	10	0	1	4	*	54	2	18
327410	Lime	18	1	*	*	*	*	12	0	4
327420	Gypsum	26	1	0	*	22	*	0	0	2
327993	Mineral Wool	5	2	0	*	3	*	0	0	*
331	Primary Metals	92	42	0	1	46	*	0	1	3
331111	Iron and Steel Mills	32	11	0	*	18	*	0	*	2
331112	Electrometallurgical Ferroalloy Products	*	*	0	*	*	*	0	0	*
3312	Steel Products from Purchased Steel	1	1	0	*	1	*	0	0	*
3313	Alumina and Aluminum	22	14	0	*	8	*	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	2	*	0	*	2	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	3	1	0	*	2	*	0	0	*
331316	Aluminum Extruded Products	4	1	0	*	3	*	0	0	*
3314	Nonferrous Metals, except Aluminum	27	13	0	*	14	*	0	0	*
3315	Foundries	9	3	0	*	5	*	0	1	*
331511	Iron Foundries	2	*	0	*	1	*	0	1	*
331521	Aluminum Die-Casting Foundries	1	*	0	0	*	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	1	*	0	*	1	*	0	0	*
332	Fabricated Metal Products	35	18	0	Q	16	*	0	0	*
333	Machinery	7	5	0	*	2	*	0	0	*
334	Computer and Electronic Products	54	36	0	*	17	*	0	0	1
334413	Semiconductors and Related Devices	32	22	0	*	9	*	0	0	1
335	Electrical Equip., Appliances, and Components	5	2	0	*	Q	*	0	0	*
336	Transportation Equipment	36	17	0	Q	17	*	0	0	*
336111	Automobiles	2	1	0	*	1	*	0	0	*
336112	Light Trucks and Utility Vehicles	*	*	0	0	*	0	0	0	0

**Table 4.2 Offsite-Produced Fuel Consumption, 2006;**  
**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)
3364	Aerospace Product and Parts	25	14	0	*	11	*	0	0	*
336411	Aircraft	6	3	0	*	2	*	0	0	*
337	Furniture and Related Products	2	2	0	0	Q	*	0	0	*
339	Miscellaneous	7	6	0	*	2	*	0	0	*
	Total	1,344	355	16	29	648	8	126	3	158

(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.

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, '2006 Manufacturing Energy Consumption Survey,' and Office of Oil and Gas, Petroleum Supply Division, Form EIA-810, 'Monthly Refinery Report' for 2006.