

Table 4.1 Offsite-Produced Fuel Consumption, 2006;
Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources
Unit: Physical Units or Btu

NAICS Code(a)	Subsector and Industry	Total (trillion Btu)	Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(f) (trillion Btu)
Total United States										
311	Food	1,124	73,551	4	3	617	1	7	*	45
3112	Grain and Oilseed Milling	315	15,536	*	*	115	*	5	0	28
311221	Wet Corn Milling	179	6,801	*	*	51	*	4	0	8
31131	Sugar Manufacturing	67	974	1	*	17	*	1	*	4
3114	Fruit and Vegetable Preserving and Specialty Food	168	9,721	*	*	123	*	*	0	3
3115	Dairy Product	121	10,079	*	*	80	*	*	0	1
3116	Animal Slaughtering and Processing	220	17,545	1	1	141	*	0	0	Q
312	Beverage and Tobacco Products	101	8,822	*	*	40	*	1	0	5
3121	Beverages	89	7,572	*	*	37	*	1	0	5
3122	Tobacco	13	1,250	*	*	3	*	*	0	*
313	Textile Mills	178	19,486	*	*	63	*	1	0	12
314	Textile Product Mills	72	5,919	*	*	Q	*	*	0	*
315	Apparel	14	2,013	*	*	7	*	0	0	*
316	Leather and Allied Products	3	413	*	*	1	*	0	0	*
321	Wood Products	296	27,564	1	3	84	1	Q	*	77
321113	Sawmills	65	7,563	*	1	12	*	0	0	18
3212	Veneer, Plywood, and Engineered Woods	110	9,902	*	*	44	1	*	0	26
3219	Other Wood Products	113	9,736	*	1	27	*	Q	*	Q
322	Paper	1,352	77,628	15	2	460	1	10	0	284
322110	Pulp Mills	63	1,683	2	1	13	*	*	0	23
322121	Paper Mills, except Newsprint	566	25,561	8	*	169	*	6	0	133
322122	Newsprint Mills	69	9,294	*	*	8	*	1	0	12
322130	Paperboard Mills	445	24,424	5	1	137	*	3	0	112
323	Printing and Related Support	85	13,079	*	*	38	*	0	0	*
324	Petroleum and Coal Products	1,444	44,137	6	3	825	1	2	*	327
324110	Petroleum Refineries	1,289	40,708	5	1	770	1	*	0	315
324199	Other Petroleum and Coal Products	67	594	0	*	3	*	2	*	10
325	Chemicals	2,754	158,228	4	1	1,343	2	8	*	626
325110	Petrochemicals	564	W	1	*	107	*	0	0	W
325120	Industrial Gases	89	21,051	0	*	13	*	0	0	3
325181	Alkalies and Chlorine	162	8,893	0	*	103	*	1	0	8
325182	Carbon Black	9	690	*	*	6	*	0	0	*
325188	Other Basic Inorganic Chemicals	186	24,171	1	*	52	*	1	0	17
325192	Cyclic Crudes and Intermediates	36	2,566	0	*	15	*	0	0	12
325193	Ethyl Alcohol	110	2,717	0	*	79	*	1	0	1
325199	Other Basic Organic Chemicals	514	W	*	*	298	*	2	0	W
325211	Plastics Materials and Resins	451	20,536	*	*	318	2	*	*	36
325212	Synthetic Rubber	44	1,715	*	*	25	*	*	0	5
325222	Noncellulosic Organic Fibers	77	4,911	*	*	33	*	*	0	14
325311	Nitrogenous Fertilizers	126	2,448	0	*	113	*	0	0	1
325312	Phosphatic Fertilizers	20	1,827	*	*	11	*	*	0	*
3254	Pharmaceuticals and Medicines	92	9,263	*	*	45	*	*	0	5
325412	Pharmaceutical Preparation	65	6,389	*	*	30	*	*	0	4
325992	Photographic Film, Paper, Plate, and Chemicals	29	1,059	*	*	7	*	1	0	Q
326	Plastics and Rubber Products	334	53,404	1	1	122	1	*	0	*
327	Nonmetallic Mineral Products	1,146	43,912	1	5	486	1	14	*	126
327211	Flat Glass	61	1,903	*	*	50	*	0	0	1
327212	Other Pressed and Blown Glass and Glassware	91	5,121	0	*	Q	*	0	0	9
327213	Glass Containers	64	3,944	0	*	49	*	0	0	*
327215	Glass Products from Purchased Glass	106	3,668	0	*	90	*	*	0	*
327310	Cements	385	12,931	*	1	19	*	11	*	77
327410	Lime	116	1,431	*	*	5	*	4	*	22
327420	Gypsum	86	1,845	*	*	74	*	0	0	2
327993	Mineral Wool	51	4,032	0	*	33	*	0	*	*
331	Primary Metals	1,328	136,237	3	1	545	1	1	8	51
331111	Iron and Steel Mills	728	51,381	3	1	297	*	1	8	25
331112	Electrometallurgical Ferroalloy Products	17	3,178	0	*	1	*	*	*	3
3312	Steel Products from Purchased Steel	43	4,396	0	*	25	*	*	0	2
3313	Alumina and Aluminum	277	45,817	*	*	113	*	*	0	3
331314	Secondary Smelting and Alloying of Aluminum	21	611	*	*	17	*	*	0	*
331315	Aluminum Sheet, Plate and Foils	52	3,871	0	*	36	*	0	0	2
331316	Aluminum Extruded Products	25	2,015	*	*	17	*	0	0	*
3314	Nonferrous Metals, except Aluminum	105	14,683	*	*	40	*	*	*	4
3315	Foundries	158	16,781	*	*	70	*	0	*	14
331511	Iron Foundries	80	8,563	*	*	23	*	0	*	14

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NAICS Code(a)	Subsector and Industry	Total (trillion Btu)	Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(f) (trillion Btu)
331521	Aluminum Die-Casting Foundries	22	1,937	0	*	15	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	17	1,134	*	*	13	*	0	0	*
332	Fabricated Metal Products	396	41,965	*	*	234	1	0	*	Q
333	Machinery	204	32,394	*	*	82	1	*	0	2
334	Computer and Electronic Products	141	27,508	*	*	43	*	0	0	1
334413	Semiconductors and Related Devices	63	12,746	*	*	18	*	0	0	1
335	Electrical Equip., Appliances, and Components	87	12,869	0	*	40	*	0	0	*
336	Transportation Equipment	476	57,190	1	*	242	1	*	*	13
336111	Automobiles	39	3,899	*	*	21	*	*	0	2
336112	Light Trucks and Utility Vehicles	43	4,495	*	*	24	*	*	0	1
3364	Aerospace Product and Parts	77	11,459	*	*	30	*	*	0	3
336411	Aircraft	21	3,446	*	*	8	*	0	0	*
337	Furniture and Related Products	54	9,264	*	*	16	*	0	0	1
339	Miscellaneous	66	9,677	*	*	24	*	0	0	Q
	Total	11,655	855,260	37	21	5,359	14	46	9	1,582
Northeast Census Region										
311	Food	59	5,445	1	*	32	*	0	0	Q
3112	Grain and Oilseed Milling	4	511	*	*	2	*	0	0	*
311221	Wet Corn Milling	*	11	*	*	0	0	0	0	*
31131	Sugar Manufacturing	3	6	0	*	3	*	0	0	*
3114	Fruit and Vegetable Preserving and Specialty Food	7	690	*	*	3	*	0	0	Q
3115	Dairy Product	13	1,223	*	*	7	*	0	0	*
3116	Animal Slaughtering and Processing	4	586	0	*	2	*	0	0	*
312	Beverage and Tobacco Products	12	1,112	*	*	6	*	0	0	*
3121	Beverages	11	1,090	*	*	6	*	0	0	*
3122	Tobacco	1	23	*	*	*	*	0	0	*
313	Textile Mills	14	1,378	*	*	7	*	0	0	*
314	Textile Product Mills	4	485	0	*	1	*	0	0	0
315	Apparel	1	132	0	*	*	*	0	0	0
316	Leather and Allied Products	1	175	*	*	*	*	0	0	0
321	Wood Products	17	1,804	*	*	6	*	0	0	3
321113	Sawmills	5	522	*	*	Q	*	0	0	2
3212	Veneer, Plywood, and Engineered Woods	6	564	0	*	3	*	0	0	*
3219	Other Wood Products	5	704	0	*	2	*	0	0	Q
322	Paper	184	9,230	4	*	63	*	1	0	43
322110	Pulp Mills	2	31	*	*	*	*	0	0	*
322121	Paper Mills, except Newsprint	127	4,365	3	*	39	*	1	0	37
322122	Newsprint Mills	3	305	*	*	0	*	0	0	0
322130	Paperboard Mills	24	2,068	*	*	10	*	0	0	4
323	Printing and Related Support	13	1,947	*	*	5	*	0	0	*
324	Petroleum and Coal Products	89	4,135	1	1	45	*	*	*	10
324110	Petroleum Refineries	66	3,254	1	*	37	*	*	0	10
324199	Other Petroleum and Coal Products	3	282	0	*	*	*	*	*	*
325	Chemicals	143	11,180	2	*	64	*	1	0	12
325110	Petrochemicals	*	19	0	*	*	*	0	0	0
325120	Industrial Gases	11	2,048	0	0	1	*	0	0	2
325181	Alkalies and Chlorine	8	1,664	0	*	1	*	0	0	2
325182	Carbon Black	0	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	11	866	1	*	2	*	0	0	*
325192	Cyclic Crudes and Intermediates	6	178	0	*	4	*	0	0	1
325193	Ethyl Alcohol	*	1	0	0	*	*	0	0	0
325199	Other Basic Organic Chemicals	10	592	*	*	5	*	0	0	2
325211	Plastics Materials and Resins	14	1,078	*	*	7	*	0	0	2
325212	Synthetic Rubber	1	56	0	*	*	*	0	0	*
325222	Noncellulosic Organic Fibers	*	53	*	*	*	*	0	0	0
325311	Nitrogenous Fertilizers	1	39	0	0	1	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	39	3,048	*	*	24	*	0	0	2
325412	Pharmaceutical Preparation	30	2,063	*	*	19	*	0	0	2
325992	Photographic Film, Paper, Plate, and Chemicals	21	310	*	*	3	*	1	0	*
326	Plastics and Rubber Products	49	6,856	*	*	21	Q	0	0	*
327	Nonmetallic Mineral Products	178	5,371	*	1	96	*	2	*	15
327211	Flat Glass	11	352	0	*	9	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	15	356	0	*	4	*	0	0	9
327213	Glass Containers	13	759	0	*	10	*	0	0	*

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327215	Glass Products from Purchased Glass	44	372	0	*	42	*	*	0	*
327310	Cements	44	1,450	*	*	*	*	1	*	5
327410	Lime	4	77	*	*	0	*	*	0	*
327420	Gypsum	10	201	*	*	8	*	0	0	*
327993	Mineral Wool	7	395	0	*	6	*	0	*	*
331	Primary Metals	148	17,065	*	*	79	*	*	*	3
331111	Iron and Steel Mills	76	7,573	0	*	48	*	*	0	1
331112	Electrometallurgical Ferroalloy Products	0	0	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	10	644	0	*	7	*	0	0	1
3313	Alumina and Aluminum	32	5,405	*	*	12	*	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	1	39	*	*	*	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	8	511	0	*	5	*	0	0	*
331316	Aluminum Extruded Products	5	309	*	*	4	*	0	0	*
3314	Nonferrous Metals, except Aluminum	19	2,256	*	*	7	*	*	*	*
3315	Foundries	11	1,186	*	*	6	*	0	*	*
331511	Iron Foundries	4	551	*	*	2	*	0	*	*
331521	Aluminum Die-Casting Foundries	2	137	0	*	2	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	1	109	*	*	1	*	0	0	*
332	Fabricated Metal Products	53	5,267	*	*	29	*	0	*	Q
333	Machinery	Q	5,066	*	*	Q	*	0	0	*
334	Computer and Electronic Products	27	5,015	*	*	9	*	0	0	*
334413	Semiconductors and Related Devices	12	2,180	*	*	4	*	0	0	*
335	Electrical Equip., Appliances, and Components	9	1,522	0	*	3	*	0	0	*
336	Transportation Equipment	61	6,698	*	*	Q	*	0	0	Q
336111	Automobiles	*	1	0	0	*	*	0	0	0
336112	Light Trucks and Utility Vehicles	*	*	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	11	1,093	*	*	5	*	0	0	*
336411	Aircraft	1	204	0	*	*	*	0	0	*
337	Furniture and Related Products	5	673	*	*	2	*	0	0	*
339	Miscellaneous	22	2,622	*	*	6	*	0	0	Q
	Total	1,124	93,177	10	4	519	2	3	*	100
Midwest Census Region										
311	Food	565	30,834	2	*	288	*	5	*	28
3112	Grain and Oilseed Milling	256	11,421	*	*	88	*	5	0	20
311221	Wet Corn Milling	160	5,839	0	*	48	*	4	0	3
31131	Sugar Manufacturing	23	600	*	*	5	*	1	*	*
3114	Fruit and Vegetable Preserving and Specialty Food	Q	2,889	*	*	Q	*	*	0	*
3115	Dairy Product	45	3,723	*	*	29	*	*	0	1
3116	Animal Slaughtering and Processing	111	6,846	*	*	76	*	0	0	Q
312	Beverage and Tobacco Products	20	1,488	*	*	8	*	*	0	*
3121	Beverages	19	1,471	*	*	8	*	*	0	*
3122	Tobacco	*	17	0	*	*	0	0	0	*
313	Textile Mills	Q	Q	0	0	*	*	0	0	0
314	Textile Product Mills	Q	Q	0	0	*	*	0	0	0
315	Apparel	*	48	0	0	*	0	0	0	0
316	Leather and Allied Products	1	123	0	0	1	*	0	0	*
321	Wood Products	114	7,515	*	1	38	*	Q	*	Q
321113	Sawmills	3	344	0	*	1	*	0	0	1
3212	Veneer, Plywood, and Engineered Woods	22	1,149	*	*	16	*	*	0	*
3219	Other Wood Products	88	5,976	*	Q	Q	*	*	*	Q
322	Paper	227	14,536	1	*	73	*	3	0	32
322110	Pulp Mills	1	160	0	*	*	*	0	0	*
322121	Paper Mills, except Newsprint	134	7,156	1	*	35	*	2	0	21
322122	Newsprint Mills	4	515	0	*	*	*	0	0	2
322130	Paperboard Mills	40	2,394	*	*	11	*	1	0	7
323	Printing and Related Support	30	5,222	0	*	12	*	0	0	*
324	Petroleum and Coal Products	223	9,124	*	*	105	*	2	0	30
324110	Petroleum Refineries	147	8,071	*	*	85	*	*	0	30
324199	Other Petroleum and Coal Products	52	57	0	*	1	*	2	0	*
325	Chemicals	429	41,502	*	*	195	1	2	*	32
325110	Petrochemicals	3	276	0	*	2	0	0	0	*
325120	Industrial Gases	26	7,390	0	0	1	*	0	0	*
325181	Alkalies and Chlorine	1	209	0	*	*	*	0	0	*
325182	Carbon Black	1	62	0	*	*	*	0	0	*
325188	Other Basic Inorganic Chemicals	18	1,248	*	*	11	*	*	0	2

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325192	Cyclic Crudes and Intermediates	9	193	0	*	1	*	0	0	7
325193	Ethyl Alcohol	107	2,624	0	*	77	*	1	0	*
325199	Other Basic Organic Chemicals	62	4,013	0	*	29	*	1	0	7
325211	Plastics Materials and Resins	46	3,610	0	*	19	1	*	*	3
325212	Synthetic Rubber	5	260	0	*	1	*	*	0	*
325222	Noncellulosic Organic Fibers	*	5	0	0	*	0	0	0	0
325311	Nitrogenous Fertilizers	17	544	0	*	14	*	0	0	1
325312	Phosphatic Fertilizers	*	*	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	28	2,775	0	*	9	*	*	0	3
325412	Pharmaceutical Preparation	20	2,142	0	*	5	*	*	0	3
325992	Photographic Film, Paper, Plate, and Chemicals	1	149	0	*	*	*	0	0	0
326	Plastics and Rubber Products	129	23,080	0	*	48	*	0	0	*
327	Nonmetallic Mineral Products	314	12,906	0	Q	128	*	4	*	43
327211	Flat Glass	17	465	0	*	15	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	Q	Q	0	*	Q	*	0	0	*
327213	Glass Containers	15	885	0	*	12	*	0	0	*
327215	Glass Products from Purchased Glass	9	1,708	0	*	3	*	0	0	*
327310	Cements	105	3,177	0	*	10	*	2	0	34
327410	Lime	46	459	0	*	2	*	2	*	8
327420	Gypsum	15	399	0	*	13	*	0	0	*
327993	Mineral Wool	21	1,683	0	*	14	*	*	*	*
331	Primary Metals	669	47,081	2	*	257	*	1	7	43
331111	Iron and Steel Mills	446	20,686	2	*	163	*	*	6	21
331112	Electrometallurgical Ferroalloy Products	13	2,147	0	*	1	*	*	*	3
3312	Steel Products from Purchased Steel	21	2,067	0	*	13	*	*	0	*
3313	Alumina and Aluminum	53	7,220	0	*	26	*	0	0	1
331314	Secondary Smelting and Alloying of Aluminum	11	257	0	*	10	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	15	1,178	0	*	9	*	0	0	1
331316	Aluminum Extruded Products	8	760	0	*	5	*	0	0	*
3314	Nonferrous Metals, except Aluminum	37	5,051	0	*	12	*	0	*	4
3315	Foundries	99	9,909	0	*	42	*	0	*	14
331511	Iron Foundries	54	5,345	0	*	13	*	0	*	14
331521	Aluminum Die-Casting Foundries	15	1,424	0	*	10	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	11	616	0	*	9	*	0	0	*
332	Fabricated Metal Products	184	17,626	0	*	118	1	0	0	*
333	Machinery	116	18,701	0	*	46	*	*	0	1
334	Computer and Electronic Products	24	4,232	0	*	9	*	0	0	*
334413	Semiconductors and Related Devices	3	645	0	0	1	*	0	0	*
335	Electrical Equip., Appliances, and Components	27	4,300	0	*	12	*	0	0	*
336	Transportation Equipment	278	29,735	*	*	157	1	*	*	6
336111	Automobiles	26	2,324	*	*	14	*	*	0	1
336112	Light Trucks and Utility Vehicles	27	2,468	0	*	16	*	*	0	1
3364	Aerospace Product and Parts	14	2,017	*	*	5	*	0	0	1
336411	Aircraft	5	804	0	*	2	*	0	0	*
337	Furniture and Related Products	23	2,935	0	*	10	*	*	0	*
339	Miscellaneous	17	2,719	*	*	8	*	0	0	*
	Total	3,392	273,954	6	4	1,514	5	18	7	245
South Census Region										
311	Food	290	24,201	2	1	165	*	1	0	10
3112	Grain and Oilseed Milling	48	3,027	*	*	19	*	*	0	7
311221	Wet Corn Milling	17	885	0	*	3	*	*	0	4
31131	Sugar Manufacturing	20	143	1	*	8	*	*	0	1
3114	Fruit and Vegetable Preserving and Specialty Food	29	2,309	*	*	19	*	0	0	1
3115	Dairy Product	11	1,399	0	*	6	*	0	0	0
3116	Animal Slaughtering and Processing	83	8,550	*	*	48	*	0	0	*
312	Beverage and Tobacco Products	41	4,124	*	*	17	*	*	0	1
3121	Beverages	29	2,914	*	*	14	*	*	0	1
3122	Tobacco	12	1,210	*	*	3	*	*	0	*
313	Textile Mills	160	17,917	*	*	53	*	1	0	12
314	Textile Product Mills	65	5,145	*	*	Q	*	*	0	*
315	Apparel	12	1,686	*	*	6	*	0	0	*
316	Leather and Allied Products	*	93	0	0	*	*	0	0	0
321	Wood Products	106	12,145	*	1	23	1	*	0	34
321113	Sawmills	25	3,674	*	*	2	*	0	0	8
3212	Veneer, Plywood, and Engineered Woods	65	6,140	*	*	17	*	*	0	23

Table 4.1 Offsite-Produced Fuel Consumption, 2006;
Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources
Unit: Physical Units or Btu

NAICS Code(a)	Subsector and Industry	Total (trillion Btu)	Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(f) (trillion Btu)
3219	Other Wood Products	13	2,112	*	*	2	*	0	0	2
322	Paper	746	36,288	8	1	243	*	6	0	181
322110	Pulp Mills	57	W	1	1	W	*	0	2	2
322121	Paper Mills, except Newsprint	251	10,805	3	*	69	*	3	0	61
322122	Newsprint Mills	15	3,468	0	*	*	*	*	0	2
322130	Paperboard Mills	305	12,651	4	1	78	*	3	0	94
323	Printing and Related Support	37	5,002	0	*	19	*	0	0	*
324	Petroleum and Coal Products	830	23,895	4	1	490	*	0	0	211
324110	Petroleum Refineries	808	22,930	4	*	482	*	0	0	208
324199	Other Petroleum and Coal Products	6	233	0	*	1	*	0	0	3
325	Chemicals	2,081	96,159	2	1	1,044	*	4	0	579
325110	Petrochemicals	561	W	1	*	104	*	0	0	W
325120	Industrial Gases	44	9,514	0	*	10	*	0	0	1
325181	Alkalies and Chlorine	128	5,691	0	*	91	*	*	0	5
325182	Carbon Black	8	628	*	*	5	*	0	0	*
325188	Other Basic Inorganic Chemicals	120	18,994	1	*	29	*	*	0	15
325192	Cyclic Crudes and Intermediates	22	2,191	0	*	10	*	0	0	4
325193	Ethyl Alcohol	2	47	0	*	2	*	0	0	*
325199	Other Basic Organic Chemicals	439	W	*	*	262	*	2	0	W
325211	Plastics Materials and Resins	389	15,614	*	*	290	*	*	0	31
325212	Synthetic Rubber	39	1,380	*	*	25	*	*	0	5
325222	Noncellulosic Organic Fibers	76	4,853	*	*	33	*	*	0	14
325311	Nitrogenous Fertilizers	103	1,640	0	*	95	*	0	0	*
325312	Phosphatic Fertilizers	16	W	*	*	W	*	*	0	*
3254	Pharmaceuticals and Medicines	18	2,427	*	*	8	*	0	0	1
325412	Pharmaceutical Preparation	10	1,596	*	*	4	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	4	W	0	*	W	*	0	0	Q
326	Plastics and Rubber Products	138	19,701	1	*	49	*	*	0	*
327	Nonmetallic Mineral Products	470	19,041	*	1	206	Q	6	*	43
327211	Flat Glass	24	868	0	*	20	*	0	0	1
327212	Other Pressed and Blown Glass and Glassware	23	1,746	0	*	17	*	0	0	*
327213	Glass Containers	22	1,341	0	*	17	*	0	0	*
327215	Glass Products from Purchased Glass	52	1,299	0	*	Q	*	0	0	*
327310	Cements	147	5,406	*	*	5	*	4	*	20
327410	Lime	48	648	0	*	3	*	1	*	10
327420	Gypsum	35	848	0	*	31	*	0	0	*
327993	Mineral Wool	17	1,416	0	*	11	*	0	*	*
331	Primary Metals	420	59,919	1	*	165	*	*	1	3
331111	Iron and Steel Mills	174	19,830	1	*	68	*	*	1	1
331112	Electrometallurgical Ferroalloy Products	4	1,028	0	*	*	0	0	0	*
3312	Steel Products from Purchased Steel	11	1,504	0	*	5	*	0	0	*
3313	Alumina and Aluminum	170	29,070	0	*	67	*	*	0	1
331314	Secondary Smelting and Alloying of Aluminum	7	269	0	*	6	*	*	0	*
331315	Aluminum Sheet, Plate and Foils	26	4,888	0	*	19	*	0	0	*
331316	Aluminum Extruded Products	9	708	0	*	5	*	0	0	*
3314	Nonferrous Metals, except Aluminum	23	3,662	0	*	8	*	*	*	1
3315	Foundries	38	4,825	0	*	17	*	0	*	*
331511	Iron Foundries	20	2,541	0	*	7	*	0	*	*
331521	Aluminum Die-Casting Foundries	4	331	0	*	3	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	4	330	0	*	3	*	0	0	*
332	Fabricated Metal Products	124	13,937	*	*	71	*	0	0	*
333	Machinery	47	7,234	0	*	20	*	0	0	*
334	Computer and Electronic Products	35	7,673	0	*	8	*	0	0	*
334413	Semiconductors and Related Devices	16	3,356	0	*	4	*	0	0	*
335	Electrical Equip., Appliances, and Components	46	6,326	0	*	23	*	0	0	*
336	Transportation Equipment	102	15,678	*	*	38	*	*	0	4
336111	Automobiles	12	1,360	*	*	5	*	*	0	1
336112	Light Trucks and Utility Vehicles	16	2,026	*	*	9	*	0	0	*
3364	Aerospace Product and Parts	26	4,253	*	*	9	*	*	0	2
336411	Aircraft	9	1,502	*	*	3	*	0	0	*
337	Furniture and Related Products	25	5,112	0	*	4	*	*	0	1
339	Miscellaneous	19	2,720	0	*	9	*	0	0	*
	Total	5,795	383,995	19	8	2,696	5	18	1	1,079

West Census Region

311	Food	210	13,071	*	1	131	*	1	*	6
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Table 4.1 Offsite-Produced Fuel Consumption, 2006;
Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources
Unit: Physical Units or Btu

NAICS Code(a)	Subsector and Industry	Total (trillion Btu)	Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(f) (trillion Btu)
3112	Grain and Oilseed Milling	8	578	0	*	5	*	0	0	1
311221	Wet Corn Milling	2	65	0	*	1	*	0	0	1
31131	Sugar Manufacturing	22	225	0	*	2	*	1	*	3
3114	Fruit and Vegetable Preserving and Specialty Food	63	3,834	*	*	46	*	0	0	1
3115	Dairy Product	52	3,734	0	*	38	*	0	0	*
3116	Animal Slaughtering and Processing	22	1,563	0	*	15	*	0	0	*
312	Beverage and Tobacco Products	28	2,097	0	*	9	*	*	0	4
3121	Beverages	28	2,097	0	*	9	*	*	0	4
3122	Tobacco	0	0	0	0	0	0	0	0	0
313	Textile Mills	Q	Q	0	0	Q	*	0	0	0
314	Textile Product Mills	2	103	0	0	1	*	*	0	0
315	Apparel	1	147	0	0	*	0	0	0	0
316	Leather and Allied Products	*	22	0	*	*	*	0	0	*
321	Wood Products	59	6,100	*	1	17	*	0	0	12
321113	Sawmills	32	3,023	*	1	Q	*	0	0	8
3212	Veneer, Plywood, and Engineered Woods	17	2,049	0	*	7	*	0	0	2
3219	Other Wood Products	7	943	*	*	2	*	0	0	Q
322	Paper	195	17,574	1	*	82	*	1	0	28
322110	Pulp Mills	3	W	*	*	W	*	0	0	*
322121	Paper Mills, except Newsprint	55	3,234	1	*	25	*	0	0	14
322122	Newsprint Mills	47	5,006	*	*	8	*	1	0	8
322130	Paperboard Mills	75	7,311	*	*	38	*	*	0	6
323	Printing and Related Support	5	908	0	0	2	*	0	0	0
324	Petroleum and Coal Products	302	6,983	1	1	185	*	0	0	76
324110	Petroleum Refineries	268	6,453	1	*	166	*	0	0	68
324199	Other Petroleum and Coal Products	6	22	0	*	*	*	0	0	6
325	Chemicals	100	9,387	*	*	40	*	1	0	3
325110	Petrochemicals	*	2	0	0	*	*	0	0	0
325120	Industrial Gases	7	2,099	0	0	*	0	0	0	0
325181	Alkalies and Chlorine	25	1,329	0	*	12	*	*	0	1
325182	Carbon Black	*	*	0	0	*	*	0	0	0
325188	Other Basic Inorganic Chemicals	37	3,062	*	*	10	*	1	0	*
325192	Cyclic Crudes and Intermediates	*	5	0	0	*	*	0	0	*
325193	Ethyl Alcohol	2	44	0	*	*	*	0	0	1
325199	Other Basic Organic Chemicals	4	217	0	*	2	*	0	0	1
325211	Plastics Materials and Resins	2	234	0	*	1	*	0	0	*
325212	Synthetic Rubber	*	19	0	0	*	*	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	5	224	0	*	4	*	0	0	*
325312	Phosphatic Fertilizers	4	W	0	*	W	*	0	0	*
3254	Pharmaceuticals and Medicines	8	1,012	0	*	4	*	0	0	*
325412	Pharmaceutical Preparation	5	587	0	*	3	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	3	W	0	*	W	*	0	0	0
326	Plastics and Rubber Products	18	3,767	0	*	4	*	0	0	*
327	Nonmetallic Mineral Products	183	6,595	*	Q	57	*	3	*	25
327211	Flat Glass	8	218	*	*	6	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	1	113	0	*	1	*	0	0	*
327213	Glass Containers	14	959	0	*	10	*	0	0	*
327215	Glass Products from Purchased Glass	1	290	0	*	*	*	0	0	*
327310	Cements	89	2,897	0	*	4	*	2	*	18
327410	Lime	18	248	*	*	*	*	1	0	4
327420	Gypsum	26	397	0	*	22	*	0	0	2
327993	Mineral Wool	5	537	0	*	3	*	0	0	*
331	Primary Metals	92	12,172	0	*	44	*	0	*	3
331111	Iron and Steel Mills	32	3,292	0	*	18	*	0	*	2
331112	Electrometallurgical Ferroalloy Products	*	3	0	*	*	*	0	0	*
3312	Steel Products from Purchased Steel	1	181	0	*	1	*	0	0	*
3313	Alumina and Aluminum	22	4,122	0	*	8	*	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	2	45	0	*	2	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	3	293	0	*	2	*	0	0	*
331316	Aluminum Extruded Products	4	238	0	*	3	*	0	0	*
3314	Nonferrous Metals, except Aluminum	27	3,713	0	*	13	*	0	0	*
3315	Foundries	9	861	0	*	5	*	0	*	*
331511	Iron Foundries	2	126	0	*	1	*	0	*	*
331521	Aluminum Die-Casting Foundries	1	45	0	0	*	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	1	79	0	*	1	*	0	0	*
332	Fabricated Metal Products	35	5,135	0	*	16	*	0	0	*
333	Machinery	7	1,393	0	*	2	*	0	0	*

Table 4.1 Offsite-Produced Fuel Consumption, 2006;
Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources
Unit: Physical Units or Btu

NAICS Code(a)	Subsector and Industry	Total (trillion Btu)	Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(f) (trillion Btu)
334	Computer and Electronic Products	54	10,589	0	*	17	*	0	0	1
334413	Semiconductors and Related Devices	32	6,564	0	*	9	*	0	0	1
335	Electrical Equip., Appliances, and Components	5	720	0	*	Q	*	0	0	*
336	Transportation Equipment	36	5,080	0	*	16	*	0	0	*
336111	Automobiles	2	214	0	*	1	*	0	0	*
336112	Light Trucks and Utility Vehicles	*	1	0	0	*	0	0	0	0
3364	Aerospace Product and Parts	25	4,096	0	*	10	*	0	0	*
336411	Aircraft	6	937	0	*	2	*	0	0	*
337	Furniture and Related Products	2	544	0	0	Q	*	0	0	*
339	Miscellaneous	7	1,615	0	*	1	*	0	0	*
	Total	1,344	104,133	3	5	630	2	6	*	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.