

Table 4.1 Offsite-Produced Fuel Consumption, 2010;

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	1,113	75,673	2	4	563	1	8	*	54
3112	Grain and Oilseed Milling	346	16,620	*	*	118	*	6	0	41
311221	Wet Corn Milling	214	7,481	*	*	51	*	5	0	25
31131	Sugar Manufacturing	72	1,264	*	*	15	*	2	*	*
3114	Fruit and Vegetable Preserving and Specialty Foods	142	9,258	*	Q	97	*	*	0	4
3115	Dairy Products	105	9,587	*	*	65	*	*	0	1
3116	Animal Slaughtering and Processing	207	20,136	1	1	122	*	*	0	3
312	Beverage and Tobacco Products	85	8,354	*	*	37	*	*	0	5
3121	Beverages	75	7,377	*	*	33	*	*	0	5
3122	Tobacco	9	977	*	*	4	*	*	0	*
313	Textile Mills	95	13,349	*	*	31	*	*	0	6
314	Textile Product Mills	20	2,454	*	*	9	*	*	0	*
315	Apparel	6	1,069	0	*	2	*	0	0	*
316	Leather and Allied Products	2	243	*	*	1	*	0	0	*
321	Wood Products	266	16,228	*	4	33	1	*	0	150
321113	Sawmills	158	5,088	*	Q	5	*	0	0	120
3212	Veneer, Plywood, and Engineered Woods	68	6,374	*	*	18	*	*	0	23
321219	Reconstituted Wood Products	44	4,052	*	*	14	*	*	0	14
3219	Other Wood Products	33	4,379	*	1	7	*	*	0	4
322	Paper	1,182	66,870	6	1	387	1	9	*	304
322110	Pulp Mills	54	1,992	1	*	19	*	*	0	20
322121	Paper Mills, except Newsprint	484	21,659	2	*	167	*	5	0	108
322122	Newsprint Mills	87	11,330	*	*	3	*	1	0	21
322130	Paperboard Mills	444	19,976	2	*	138	*	3	*	153
323	Printing and Related Support	83	13,704	*	*	33	*	0	0	*
324	Petroleum and Coal Products	1,517	52,510	2	3	892	1	1	0	374
324110	Petroleum Refineries	1,378	49,795	1	1	835	1	*	0	332
324121	Asphalt Paving Mixture and Block	65	1,068	*	2	38	*	*	0	6
324199	Other Petroleum and Coal Products	51	501	0	*	5	*	*	0	34
325	Chemicals	2,913	146,195	1	1	1,724	2	9	0	420
325110	Petrochemicals	412	7,277	*	*	232	*	0	0	146
325120	Industrial Gases	96	19,401	0	*	26	*	0	0	3
325181	Alkalies and Chlorine	233	W	0	*	W	*	2	0	W
325182	Carbon Black	13	496	*	*	11	*	0	0	*
325188	Other Basic Inorganic Chemicals	213	24,877	*	*	48	*	1	0	60
325192	Cyclic Crudes and Intermediates	49	2,673	*	*	22	*	0	0	17
325193	Ethyl Alcohol	307	7,359	0	*	245	*	1	0	4
325199	Other Basic Organic Chemicals	580	15,820	*	*	367	*	3	0	88
325211	Plastics Materials and Resins	432	20,540	*	*	298	*	1	0	40
325212	Synthetic Rubber	39	1,705	0	*	21	*	*	0	8
325222	Noncellulosic Organic Fibers	26	2,832	*	*	9	*	*	0	3
325311	Nitrogenous Fertilizers	165	3,390	*	*	147	*	0	0	2
325312	Phosphatic Fertilizers	37	1,709	*	*	26	*	*	0	*
3254	Pharmaceuticals and Medicines	91	9,171	*	*	48	*	*	0	6
325412	Pharmaceutical Preparation	51	5,615	*	*	23	*	*	0	4
325992	Photographic Film, Paper, Plate, and Chemicals	20	1,463	*	*	6	*	*	0	*
326	Plastics and Rubber Products	271	45,804	*	*	101	1	*	0	Q
327	Nonmetallic Mineral Products	709	32,571	*	4	265	1	10	*	74
327121	Brick and Structural Clay Tile	20	576	*	*	15	*	*	0	1
327211	Flat Glass	49	1,660	0	*	42	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	37	2,558	0	*	27	*	0	0	Q
327213	Glass Containers	59	3,604	0	*	45	*	0	0	*
327215	Glass Products from Purchased Glass	14	2,640	0	*	4	*	*	0	*
327310	Cements	245	9,166	*	*	12	*	6	*	59
327410	Lime	101	1,502	*	1	3	*	3	*	9
327420	Gypsum	44	1,384	*	*	38	*	0	0	*
327993	Mineral Wool	39	3,419	0	*	24	*	0	*	*
331	Primary Metals	1,328	120,704	*	2	522	1	1	12	53
331111	Iron and Steel Mills	822	50,766	*	1	316	*	1	11	18
331112	Electrometallurgical Ferroalloy Products	13	3,162	0	*	1	*	0	*	1
3312	Steel Products from Purchased Steel	44	5,270	*	*	18	*	0	*	7
3313	Alumina and Aluminum	229	36,875	*	*	93	*	0	0	5

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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)
331314	Secondary Smelting and Alloying of Aluminum	34	5,472	*	*	14	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	56	4,134	0	*	39	*	0	0	2
331316	Aluminum Extruded Products	16	1,411	0	*	11	*	0	0	*
3314	Nonferrous Metals, except Aluminum	124	13,477	*	*	50	*	0	*	21
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminur	60	7,517	0	*	12	*	0	*	21
3315	Foundries	97	11,154	0	*	45	*	0	*	*
331511	Iron Foundries	45	5,675	0	*	14	*	0	*	*
331521	Aluminum Die-Casting Foundries	16	1,285	0	*	11	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	11	857	0	*	8	*	0	0	*
332	Fabricated Metal Products	300	37,410	*	*	158	1	*	0	Q
333	Machinery	148	20,385	*	1	69	1	0	0	1
334	Computer and Electronic Products	144	29,497	*	*	41	*	0	0	*
334413	Semiconductors and Related Devices	57	10,810	*	*	19	*	0	0	*
335	Electrical Equip., Appliances, and Components	74	10,689	*	*	35	*	0	*	*
336	Transportation Equipment	276	38,987	*	*	123	1	*	0	5
336111	Automobiles	28	3,027	0	*	15	*	*	0	1
336112	Light Trucks and Utility Vehicles	38	3,625	0	*	22	*	*	0	1
3364	Aerospace Product and Parts	68	9,651	*	*	29	*	*	0	2
336411	Aircraft	20	2,688	*	*	9	*	0	0	*
337	Furniture and Related Products	33	4,960	0	*	13	*	*	0	2
339	Miscellaneous	43	7,591	*	*	15	*	*	0	*
	Total	10,608	745,247	12	21	5,054	12	39	12	1,455
Northeast Census Region										
311	Food	89	7,151	*	1	54	*	*	0	1
3112	Grain and Oilseed Milling	3	438	*	*	2	*	0	0	*
311221	Wet Corn Milling	*	5	*	0	0	*	0	0	0
31131	Sugar Manufacturing	1	211	0	*	*	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	13	972	*	*	7	*	*	0	*
3115	Dairy Products	14	1,172	*	*	8	*	0	0	*
3116	Animal Slaughtering and Processing	8	857	*	*	4	*	0	0	*
312	Beverage and Tobacco Products	11	1,247	*	*	6	*	0	0	Q
3121	Beverages	11	1,217	*	*	5	*	0	0	Q
3122	Tobacco	1	30	*	*	*	*	0	0	*
313	Textile Mills	8	550	*	*	5	*	0	0	*
314	Textile Product Mills	Q	Q	0	*	Q	*	*	0	*
315	Apparel	*	Q	0	0	*	0	0	0	0
316	Leather and Allied Products	*	50	*	*	*	*	0	0	*
321	Wood Products	10	1,075	*	*	2	*	*	0	3
321113	Sawmills	3	332	*	*	*	*	0	0	1
3212	Veneer, Plywood, and Engineered Woods	2	240	0	*	*	*	*	0	1
321219	Reconstituted Wood Products	2	161	0	*	*	*	0	0	1
3219	Other Wood Products	4	486	*	*	1	*	*	0	*
322	Paper	173	6,787	2	*	68	*	1	0	48
322110	Pulp Mills	5	72	*	*	1	*	0	0	3
322121	Paper Mills, except Newsprint	114	2,643	1	*	50	*	1	0	28
322122	Newsprint Mills	W	1,023	*	*	0	*	0	0	W
322130	Paperboard Mills	25	1,483	*	*	11	*	0	0	7
323	Printing and Related Support	16	2,447	*	*	6	*	0	0	*
324	Petroleum and Coal Products	106	4,413	1	1	41	*	*	0	30
324110	Petroleum Refineries	81	4,032	1	*	30	*	*	0	28
324121	Asphalt Paving Mixture and Block	19	257	*	1	9	*	0	0	2
324199	Other Petroleum and Coal Products	5	35	0	*	1	*	*	0	*
325	Chemicals	146	12,200	*	*	69	*	1	0	13
325110	Petrochemicals	*	17	0	*	*	0	0	0	0
325120	Industrial Gases	11	2,592	0	*	*	*	0	0	2
325181	Alkalies and Chlorine	7	1,468	0	*	*	*	0	0	2
325182	Carbon Black	*	5	0	0	*	0	0	0	0
325188	Other Basic Inorganic Chemicals	8	838	*	*	4	*	0	0	*
325192	Cyclic Crudes and Intermediates	6	160	*	*	5	*	0	0	*
325193	Ethyl Alcohol	2	72	0	*	2	*	0	0	0
325199	Other Basic Organic Chemicals	19	667	0	*	13	*	0	0	4
325211	Plastics Materials and Resins	13	1,023	0	*	5	*	0	0	4

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325212	Synthetic Rubber	*	40	0	0	*	*	0	0	0
325222	Noncellulosic Organic Fibers	*	26	0	*	0	*	0	0	*
325311	Nitrogenous Fertilizers	1	26	*	*	*	*	0	0	*
325312	Phosphatic Fertilizers	*	1	0	*	*	*	0	0	*
3254	Pharmaceuticals and Medicines	31	2,455	*	*	21	*	0	0	*
325412	Pharmaceutical Preparation	13	1,186	*	*	9	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	16	877	*	*	4	*	*	0	*
326	Plastics and Rubber Products	20	2,679	0	*	8	*	*	0	*
327	Nonmetallic Mineral Products	88	4,166	*	1	37	*	1	*	6
327121	Brick and Structural Clay Tile	2	44	0	*	1	*	*	0	*
327211	Flat Glass	9	315	0	*	8	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	8	561	0	*	6	*	0	0	*
327213	Glass Containers	10	587	0	*	8	*	0	0	*
327215	Glass Products from Purchased Glass	3	392	0	*	1	*	*	0	*
327310	Cements	28	1,016	*	*	*	*	1	*	5
327410	Lime	5	69	0	*	0	*	*	0	1
327420	Gypsum	7	432	*	*	5	*	0	0	*
327993	Mineral Wool	4	226	0	*	3	*	0	0	*
331	Primary Metals	113	12,985	*	*	63	*	*	*	1
331111	Iron and Steel Mills	56	5,802	0	*	34	*	*	*	*
331112	Electrometallurgical Ferroalloy Products	2	537	0	*	*	*	0	0	*
3312	Steel Products from Purchased Steel	7	800	*	*	4	*	0	*	*
3313	Alumina and Aluminum	20	2,992	*	*	9	*	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	9	2,110	*	*	2	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	7	463	0	*	5	*	0	0	*
331316	Aluminum Extruded Products	4	394	0	*	2	*	0	0	*
3314	Nonferrous Metals, except Aluminum	20	1,883	*	*	12	*	0	*	*
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminur	1	149	0	*	*	*	0	0	*
3315	Foundries	8	972	0	*	4	*	0	*	*
331511	Iron Foundries	2	427	0	*	1	*	0	*	*
331521	Aluminum Die-Casting Foundries	1	75	0	0	1	*	0	0	0
331524	Aluminum Foundries, except Die-Casting	1	63	0	*	*	*	0	0	*
332	Fabricated Metal Products	43	4,526	*	*	24	*	0	0	*
333	Machinery	21	3,323	0	*	9	*	0	0	Q
334	Computer and Electronic Products	25	5,236	*	*	7	*	0	0	*
334413	Semiconductors and Related Devices	10	1,959	*	*	3	*	0	0	*
335	Electrical Equip., Appliances, and Components	13	1,804	*	*	6	*	0	*	*
336	Transportation Equipment	26	2,878	*	*	14	*	0	0	1
336111	Automobiles	*	1	0	0	*	*	0	0	*
336112	Light Trucks and Utility Vehicles	0	0	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	12	918	*	*	7	*	0	0	1
336411	Aircraft	5	323	*	*	3	*	0	0	*
337	Furniture and Related Products	5	707	0	*	2	*	0	0	*
339	Miscellaneous	13	1,840	0	*	6	*	0	0	*
	Total	932	76,384	4	4	426	2	3	*	104

Midwest Census Region

311	Food	557	33,010	*	*	244	*	7	*	41
3112	Grain and Oilseed Milling	272	11,566	*	*	82	*	5	0	33
311221	Wet Corn Milling	198	6,588	0	*	47	*	5	0	24
31131	Sugar Manufacturing	37	518	*	*	5	*	1	*	*
3114	Fruit and Vegetable Preserving and Specialty Foods	26	2,204	*	*	16	*	*	0	1
3115	Dairy Products	40	3,305	*	*	25	*	*	0	1
3116	Animal Slaughtering and Processing	92	8,561	*	*	58	*	0	0	2
312	Beverage and Tobacco Products	18	1,369	*	*	8	*	*	0	*
3121	Beverages	18	1,354	*	*	8	*	*	0	*
3122	Tobacco	*	15	0	0	*	*	0	0	0
313	Textile Mills	3	394	0	*	1	*	0	0	*
314	Textile Product Mills	Q	Q	0	0	*	*	0	0	0
315	Apparel	*	Q	0	0	*	0	0	0	0
316	Leather and Allied Products	1	90	0	*	1	*	0	0	*
321	Wood Products	34	2,469	*	1	6	*	*	0	Q
321113	Sawmills	Q	397	*	Q	1	*	0	0	Q

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3212	Veneer, Plywood, and Engineered Woods	5	557	*	*	2	*	*	0	*
321219	Reconstituted Wood Products	4	340	*	*	2	*	*	0	*
3219	Other Wood Products	11	1,472	0	*	3	*	0	0	1
322	Paper	223	15,051	*	*	85	*	3	0	25
322110	Pulp Mills	2	281	0	*	1	*	0	0	*
322121	Paper Mills, except Newsprint	123	6,863	*	*	38	*	2	0	16
322122	Newsprint Mills	10	1,345	0	*	*	*	*	0	3
322130	Paperboard Mills	42	2,533	*	*	20	*	*	0	6
323	Printing and Related Support	28	4,444	0	*	12	*	0	0	*
324	Petroleum and Coal Products	214	9,119	*	*	123	*	*	0	54
324110	Petroleum Refineries	177	8,239	*	*	105	*	0	0	40
324121	Asphalt Paving Mixture and Block	13	259	*	*	9	*	*	0	1
324199	Other Petroleum and Coal Products	16	230	0	*	2	*	0	0	12
325	Chemicals	615	34,511	*	*	331	1	3	0	94
325110	Petrochemicals	2	73	*	*	2	*	0	0	*
325120	Industrial Gases	29	8,071	0	*	1	0	0	0	0
325181	Alkalies and Chlorine	W	1,086	0	*	W	*	0	0	*
325182	Carbon Black	1	77	0	*	*	*	0	0	*
325188	Other Basic Inorganic Chemicals	63	1,389	0	*	13	*	0	0	45
325192	Cyclic Crudes and Intermediates	W	649	0	*	5	*	0	0	W
325193	Ethyl Alcohol	254	6,051	0	*	200	*	1	0	2
325199	Other Basic Organic Chemicals	57	3,544	0	*	15	*	1	0	15
325211	Plastics Materials and Resins	37	3,277	*	*	14	*	*	0	5
325212	Synthetic Rubber	6	440	0	*	3	*	*	0	*
325222	Noncellulosic Organic Fibers	*	31	0	0	*	*	0	0	*
325311	Nitrogenous Fertilizers	40	1,273	0	*	34	*	0	0	2
325312	Phosphatic Fertilizers	*	5	0	*	*	*	0	0	*
3254	Pharmaceuticals and Medicines	28	2,802	*	*	11	*	*	0	2
325412	Pharmaceutical Preparation	19	2,182	0	*	6	*	*	0	2
325992	Photographic Film, Paper, Plate, and Chemicals	1	96	0	*	*	*	0	0	*
326	Plastics and Rubber Products	91	15,457	0	*	36	*	0	0	Q
327	Nonmetallic Mineral Products	211	8,944	*	1	68	*	3	*	39
327121	Brick and Structural Clay Tile	4	106	0	*	3	*	*	0	*
327211	Flat Glass	16	495	0	*	14	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	9	493	0	*	8	*	0	0	*
327213	Glass Containers	15	879	0	*	12	*	0	0	*
327215	Glass Products from Purchased Glass	5	968	0	*	1	*	0	0	*
327310	Cements	74	2,542	0	*	2	*	1	*	30
327410	Lime	45	489	*	*	2	*	1	*	8
327420	Gypsum	9	228	0	*	7	*	0	0	*
327993	Mineral Wool	17	1,521	0	*	9	*	0	*	*
331	Primary Metals	650	47,099	*	1	261	*	1	7	26
331111	Iron and Steel Mills	469	19,908	*	1	196	*	1	7	16
331112	Electrometallurgical Ferroalloy Products	6	1,178	0	*	*	*	0	*	1
3312	Steel Products from Purchased Steel	21	1,507	0	*	8	*	0	0	7
3313	Alumina and Aluminum	69	13,265	0	*	21	*	0	0	2
331314	Secondary Smelting and Alloying of Aluminum	7	184	0	*	6	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	16	1,226	0	*	10	*	0	0	2
331316	Aluminum Extruded Products	W	W	0	*	W	*	0	0	*
3314	Nonferrous Metals, except Aluminum	28	4,391	0	*	9	*	0	*	*
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminur	13	2,891	0	*	2	*	0	*	*
3315	Foundries	58	6,849	0	*	26	*	0	*	*
331511	Iron Foundries	29	3,879	0	*	8	*	0	*	*
331521	Aluminum Die-Casting Foundries	10	863	0	*	7	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	6	492	0	*	4	*	0	0	*
332	Fabricated Metal Products	140	16,566	0	*	79	1	0	0	*
333	Machinery	81	9,688	*	*	42	*	0	0	1
334	Computer and Electronic Products	24	4,546	0	*	8	*	0	0	*
334413	Semiconductors and Related Devices	3	676	0	*	1	*	0	0	*
335	Electrical Equip., Appliances, and Components	21	2,827	0	*	10	*	0	0	*
336	Transportation Equipment	146	19,779	*	*	68	*	*	0	3
336111	Automobiles	19	1,765	0	*	11	*	*	0	1
336112	Light Trucks and Utility Vehicles	24	2,064	0	*	14	*	*	0	1
3364	Aerospace Product and Parts	14	2,012	*	*	6	*	0	0	1
336411	Aircraft	4	505	0	*	2	*	0	0	*

Table 4.1 Offsite-Produced Fuel Consumption, 2010;**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)
337	Furniture and Related Products	12	1,665	0	*	5	*	*	0	*
339	Miscellaneous	8	1,254	0	*	3	*	*	0	*
	Total	3,079	228,561	1	3	1,393	4	16	7	298
South Census Region										
311	Food	261	23,478	1	1	142	*	1	0	7
3112	Grain and Oilseed Milling	57	3,811	*	*	28	*	*	0	4
311221	Wet Corn Milling	14	824	0	*	4	*	*	0	*
31131	Sugar Manufacturing	9	284	*	*	6	*	*	0	*
3114	Fruit and Vegetable Preserving and Specialty Foods	30	2,459	*	*	19	*	0	0	1
3115	Dairy Products	13	1,815	0	*	6	*	0	0	*
3116	Animal Slaughtering and Processing	88	8,966	1	*	47	*	*	0	1
312	Beverage and Tobacco Products	36	3,614	*	*	15	*	*	0	2
3121	Beverages	27	2,682	*	*	12	*	*	0	2
3122	Tobacco	9	932	*	*	3	*	*	0	*
313	Textile Mills	81	12,116	*	*	22	*	*	0	6
314	Textile Product Mills	15	1,796	*	*	8	*	0	0	*
315	Apparel	5	886	0	*	2	*	0	0	*
316	Leather and Allied Products	*	73	0	*	*	*	0	0	*
321	Wood Products	174	8,831	*	1	17	*	*	0	120
321113	Sawmills	113	2,760	0	*	2	*	0	0	100
3212	Veneer, Plywood, and Engineered Woods	45	4,150	*	*	11	*	*	0	17
321219	Reconstituted Wood Products	33	2,882	*	*	9	*	*	0	12
3219	Other Wood Products	12	1,687	0	*	2	*	0	0	1
322	Paper	621	29,988	3	1	178	*	5	*	195
322110	Pulp Mills	43	1,462	1	*	17	*	*	0	15
322121	Paper Mills, except Newsprint	194	8,965	1	*	55	*	2	0	48
322122	Newsprint Mills	W	3,219	0	*	1	*	*	0	W
322130	Paperboard Mills	321	11,042	2	*	85	*	3	*	127
323	Printing and Related Support	30	4,825	0	*	13	*	0	0	*
324	Petroleum and Coal Products	869	30,774	*	1	514	*	*	0	224
324110	Petroleum Refineries	815	29,693	*	*	496	*	0	0	200
324121	Asphalt Paving Mixture and Block	21	332	*	1	10	*	0	0	2
324199	Other Petroleum and Coal Products	24	217	0	*	1	*	0	0	22
325	Chemicals	2,022	90,176	1	1	1,282	1	3	0	307
325110	Petrochemicals	410	7,187	*	*	230	*	0	0	146
325120	Industrial Gases	49	6,902	0	*	24	*	0	0	*
325181	Alkalies and Chlorine	W	W	0	*	W	*	*	0	W
325182	Carbon Black	12	413	*	*	10	*	0	0	*
325188	Other Basic Inorganic Chemicals	111	20,217	*	*	25	*	*	0	15
325192	Cyclic Crudes and Intermediates	W	1,863	*	*	11	*	0	0	W
325193	Ethyl Alcohol	41	983	0	*	37	*	0	0	*
325199	Other Basic Organic Chemicals	499	11,353	*	*	337	*	2	0	68
325211	Plastics Materials and Resins	380	16,061	*	*	278	*	*	0	31
325212	Synthetic Rubber	32	1,181	0	*	18	*	*	0	8
325222	Noncellulosic Organic Fibers	25	2,774	*	*	9	*	*	0	3
325311	Nitrogenous Fertilizers	122	1,921	0	*	112	*	0	0	*
325312	Phosphatic Fertilizers	32	1,295	*	*	24	*	*	0	*
3254	Pharmaceuticals and Medicines	25	2,927	*	*	11	*	0	0	3
325412	Pharmaceutical Preparation	15	1,794	*	*	6	*	0	0	2
325992	Photographic Film, Paper, Plate, and Chemicals	1	167	0	*	1	*	0	0	*
326	Plastics and Rubber Products	120	19,154	*	*	47	*	0	0	Q
327	Nonmetallic Mineral Products	294	14,180	*	2	121	*	4	*	23
327121	Brick and Structural Clay Tile	13	386	*	*	10	*	*	0	1
327211	Flat Glass	18	665	0	*	15	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	18	1,407	0	*	13	*	0	0	Q
327213	Glass Containers	20	1,192	0	*	16	*	0	0	*
327215	Glass Products from Purchased Glass	5	989	0	*	2	*	0	0	*
327310	Cements	98	3,900	*	*	9	*	2	*	18
327410	Lime	37	697	0	1	1	*	1	*	*
327420	Gypsum	20	520	0	*	18	*	0	0	*
327993	Mineral Wool	13	1,205	0	*	9	*	0	*	*
331	Primary Metals	478	48,231	*	1	157	*	*	5	25

Table 4.1 Offsite-Produced Fuel Consumption, 2010;

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)
331111	Iron and Steel Mills	272	22,133	*	*	74	*	*	5	2
331112	Electrometallurgical Ferroalloy Products	5	1,446	0	*	*	0	0	0	*
3312	Steel Products from Purchased Steel	15	2,849	0	*	5	*	0	0	*
3313	Alumina and Aluminum	115	15,667	0	*	56	*	0	0	3
331314	Secondary Smelting and Alloying of Aluminum	16	3,150	0	*	5	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	29	2,092	0	*	22	*	0	0	*
331316	Aluminum Extruded Products	7	412	0	*	5	*	0	0	*
3314	Nonferrous Metals, except Aluminum	46	3,524	0	*	11	*	0	*	21
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminur	27	1,929	0	*	*	*	0	0	21
3315	Foundries	24	2,612	0	*	11	*	0	*	*
331511	Iron Foundries	12	1,271	0	*	4	*	0	*	*
331521	Aluminum Die-Casting Foundries	4	311	0	*	3	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	3	138	0	*	2	*	0	0	*
332	Fabricated Metal Products	91	12,909	0	*	42	1	0	0	Q
333	Machinery	41	6,103	0	*	18	*	0	0	*
334	Computer and Electronic Products	43	10,078	0	*	8	*	0	0	*
334413	Semiconductors and Related Devices	14	3,192	0	*	3	*	0	0	*
335	Electrical Equip., Appliances, and Components	37	5,579	0	*	17	*	0	0	*
336	Transportation Equipment	74	11,438	*	*	29	*	*	0	1
336111	Automobiles	8	1,233	0	*	4	*	*	0	*
336112	Light Trucks and Utility Vehicles	14	1,538	0	*	8	*	0	0	*
3364	Aerospace Product and Parts	19	3,014	*	*	7	*	*	0	1
336411	Aircraft	7	1,204	*	*	3	*	0	0	*
337	Furniture and Related Products	14	2,180	0	*	4	*	*	0	2
339	Miscellaneous	12	2,300	*	*	3	*	0	0	*
	Total	5,317	338,710	6	8	2,638	4	14	5	918
West Census Region										
311	Food	206	12,034	*	2	123	*	1	*	5
3112	Grain and Oilseed Milling	13	805	0	*	6	*	0	0	Q
311221	Wet Corn Milling	2	64	0	*	1	*	0	0	1
31131	Sugar Manufacturing	25	250	0	*	4	*	1	*	*
3114	Fruit and Vegetable Preserving and Specialty Foods	74	3,623	*	Q	55	*	0	0	1
3115	Dairy Products	38	3,294	0	*	26	*	0	0	*
3116	Animal Slaughtering and Processing	19	1,752	0	*	12	*	0	0	*
312	Beverage and Tobacco Products	20	2,124	0	*	9	*	0	0	2
3121	Beverages	20	2,124	0	*	9	*	0	0	2
3122	Tobacco	*	1	0	0	0	*	0	0	0
313	Textile Mills	3	289	*	*	2	*	0	0	*
314	Textile Product Mills	Q	Q	0	*	*	*	0	0	*
315	Apparel	*	90	0	0	*	0	0	0	0
316	Leather and Allied Products	*	31	0	0	*	*	0	0	0
321	Wood Products	49	3,853	0	Q	9	*	0	0	14
321113	Sawmills	26	1,600	0	Q	3	*	0	0	7
3212	Veneer, Plywood, and Engineered Woods	15	1,427	0	*	5	*	0	0	5
321219	Reconstituted Wood Products	6	668	0	*	2	*	0	0	2
3219	Other Wood Products	6	734	0	*	1	*	0	0	1
322	Paper	164	15,045	*	*	56	*	1	0	36
322110	Pulp Mills	4	178	*	*	*	*	0	0	2
322121	Paper Mills, except Newsprint	52	3,188	*	*	25	*	0	0	15
322122	Newsprint Mills	41	5,743	*	*	2	*	1	0	6
322130	Paperboard Mills	57	4,918	*	*	23	*	*	0	13
323	Printing and Related Support	Q	Q	0	0	2	*	0	0	0
324	Petroleum and Coal Products	327	8,204	1	*	214	*	*	0	66
324110	Petroleum Refineries	305	7,832	1	*	203	*	0	0	64
324121	Asphalt Paving Mixture and Block	13	220	*	*	9	*	0	0	2
324199	Other Petroleum and Coal Products	5	19	0	*	*	*	*	0	*
325	Chemicals	130	9,309	0	*	43	*	2	0	5
325110	Petrochemicals	0	0	0	0	0	0	0	0	0
325120	Industrial Gases	6	1,835	0	0	*	0	0	0	0
325181	Alkalies and Chlorine	58	1,830	0	*	18	*	1	0	2
325182	Carbon Black	*	1	0	*	*	*	0	0	*
325188	Other Basic Inorganic Chemicals	30	2,433	0	*	6	*	1	0	*

Table 4.1 Offsite-Produced Fuel Consumption, 2010;

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)
325192	Cyclic Crudes and Intermediates	*	1	0	*	*	*	0	0	*
325193	Ethyl Alcohol	9	253	0	*	6	*	0	0	2
325199	Other Basic Organic Chemicals	4	256	0	*	2	*	0	0	1
325211	Plastics Materials and Resins	2	179	0	*	1	*	0	0	*
325212	Synthetic Rubber	*	45	0	*	*	*	0	0	*
325222	Noncellulosic Organic Fibers	*	1	0	0	*	*	0	0	0
325311	Nitrogenous Fertilizers	2	169	0	*	1	*	0	0	*
325312	Phosphatic Fertilizers	4	407	0	*	3	*	0	0	*
3254	Pharmaceuticals and Medicines	8	987	0	*	4	*	0	0	*
325412	Pharmaceutical Preparation	4	453	0	*	2	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	3	323	0	*	1	*	0	0	*
326	Plastics and Rubber Products	39	8,514	0	*	9	*	0	0	*
327	Nonmetallic Mineral Products	116	5,282	*	1	39	*	2	*	6
327121	Brick and Structural Clay Tile	2	39	0	*	1	*	0	0	*
327211	Flat Glass	6	185	0	*	5	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	2	97	0	*	1	*	0	0	*
327213	Glass Containers	13	945	0	*	10	*	0	0	*
327215	Glass Products from Purchased Glass	1	291	0	*	*	*	0	0	*
327310	Cements	46	1,708	0	*	1	*	1	*	6
327410	Lime	14	246	0	*	*	*	1	0	*
327420	Gypsum	9	205	0	*	8	*	0	0	*
327993	Mineral Wool	4	468	0	*	2	*	0	0	*
331	Primary Metals	87	12,389	0	*	41	*	*	*	1
331111	Iron and Steel Mills	24	2,923	0	*	13	*	*	*	1
331112	Electrometallurgical Ferroalloy Products	*	*	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	1	113	0	*	*	*	0	0	*
3313	Alumina and Aluminum	24	4,951	0	*	7	*	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	1	27	0	*	1	*	0	0	0
331315	Aluminum Sheet, Plate and Foils	4	353	0	*	2	*	0	0	*
331316	Aluminum Extruded Products	W	W	0	*	W	*	0	0	*
3314	Nonferrous Metals, except Aluminum	30	3,679	0	*	17	*	0	*	*
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminum	18	2,547	0	*	9	*	0	0	*
3315	Foundries	7	722	0	*	4	*	0	*	*
331511	Iron Foundries	2	99	0	*	1	*	0	*	*
331521	Aluminum Die-Casting Foundries	*	36	0	0	*	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	2	164	0	*	1	*	0	0	*
332	Fabricated Metal Products	26	3,409	0	*	13	*	*	0	*
333	Machinery	6	1,271	0	*	Q	*	0	0	*
334	Computer and Electronic Products	52	9,636	0	*	19	*	0	0	*
334413	Semiconductors and Related Devices	29	4,983	0	*	12	*	0	0	*
335	Electrical Equip., Appliances, and Components	3	478	0	*	Q	*	0	0	*
336	Transportation Equipment	29	4,891	0	*	12	*	0	0	*
336111	Automobiles	*	28	0	0	*	*	0	0	0
336112	Light Trucks and Utility Vehicles	*	23	0	0	*	0	0	0	0
3364	Aerospace Product and Parts	23	3,707	0	*	10	*	0	0	*
336411	Aircraft	4	655	0	*	2	*	0	0	*
337	Furniture and Related Products	3	408	0	0	1	*	0	0	*
339	Miscellaneous	11	2,197	0	*	3	*	0	0	*
	Total	1,280	101,593	1	6	596	2	6	*	136

(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).'

Table 4.1 Offsite-Produced Fuel Consumption, 2010;

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)
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(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: 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: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2010 Manufacturing Energy Consumption Survey,' and Office of Petroleum and Biofuels Statistics, Form EIA-810, 'Monthly Refinery Report' for 2010.