

Table 3.1 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)	Net 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	1,158	75,407	2	4	563	1	8	*	99
3112	Grain and Oilseed Milling	350	16,479	*	*	118	*	6	0	45
311221	Wet Corn Milling	214	7,467	*	*	51	*	5	0	25
31131	Sugar Manufacturing	107	1,218	*	*	15	*	2	*	36
3114	Fruit and Vegetable Preserving and Specialty Foods	143	9,203	*	Q	97	*	*	0	4
3115	Dairy Products	105	9,565	*	*	65	*	*	0	2
3116	Animal Slaughtering and Processing	212	20,138	1	1	122	*	*	0	8
312	Beverage and Tobacco Products	86	8,449	*	*	37	*	*	0	7
3121	Beverages	77	7,472	*	*	33	*	*	0	7
3122	Tobacco	9	977	*	*	4	*	*	0	*
313	Textile Mills	95	13,240	*	*	31	*	*	0	6
314	Textile Product Mills	20	2,458	*	*	9	*	*	0	*
315	Apparel	6	1,069	0	*	2	*	0	0	*
316	Leather and Allied Products	2	243	*	*	1	*	0	0	*
321	Wood Products	470	15,323	*	4	33	1	*	0	357
321113	Sawmills	232	4,463	*	Q	5	*	0	0	195
3212	Veneer, Plywood, and Engineered Woods	183	6,374	*	*	18	*	*	0	138
321219	Reconstituted Wood Products	82	4,052	*	*	14	*	*	0	52
3219	Other Wood Products	48	4,162	*	1	7	*	*	0	20
322	Paper	2,110	60,497	6	1	387	1	9	*	1,253
322110	Pulp Mills	249	2,032	1	*	19	*	*	0	214
322121	Paper Mills, except Newsprint	822	18,146	2	*	167	*	5	0	458
322122	Newsprint Mills	101	11,180	*	*	3	*	1	0	35
322130	Paperboard Mills	824	17,219	2	*	138	*	3	*	541
323	Printing and Related Support	83	13,704	*	*	33	*	0	0	*
324	Petroleum and Coal Products	3,319	47,014	3	4	892	7	1	0	2,162
324110	Petroleum Refineries	3,176	44,882	2	2	835	7	*	0	2,113
324121	Asphalt Paving Mixture and Block	65	1,068	*	2	38	*	*	0	6
324199	Other Petroleum and Coal Products	55	-82	*	*	5	*	*	0	41
325	Chemicals	3,222	131,932	1	1	1,734	2	9	0	765
325110	Petrochemicals	568	6,543	*	*	241	*	0	0	295
325120	Industrial Gases	96	19,401	0	*	26	*	0	0	3
325181	Alkalies and Chlorine	W	9,405	0	*	W	*	2	0	17
325182	Carbon Black	W	234	*	*	11	*	0	0	W
325188	Other Basic Inorganic Chemicals	214	24,730	*	*	48	*	1	0	62
325192	Cyclic Crudes and Intermediates	52	2,673	*	*	22	*	0	0	18
325193	Ethyl Alcohol	307	7,392	0	*	245	*	1	0	4
325199	Other Basic Organic Chemicals	634	9,608	*	*	367	*	3	0	164
325211	Plastics Materials and Resins	462	19,606	*	*	298	*	1	0	73
325212	Synthetic Rubber	39	1,645	0	*	21	*	*	0	8
325222	Noncellulosic Organic Fibers	36	2,791	*	*	9	*	*	0	13
325311	Nitrogenous Fertilizers	166	3,388	*	*	147	*	0	0	2
325312	Phosphatic Fertilizers	35	1,251	*	*	26	*	*	0	*
3254	Pharmaceuticals and Medicines	91	9,170	*	*	48	*	*	0	7
325412	Pharmaceutical Preparation	51	5,619	*	*	23	*	*	0	4
325992	Photographic Film, Paper, Plate, and Chemicals	20	1,377	*	*	6	*	*	0	*
326	Plastics and Rubber Products	272	45,797	*	*	101	1	*	0	Q
327	Nonmetallic Mineral Products	711	32,576	*	4	265	1	10	*	76
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	2,563	0	*	27	*	0	0	Q
327213	Glass Containers	59	3,604	0	*	45	*	0	0	*
327215	Glass Products from Purchased Glass	14	2,642	0	*	4	*	*	0	*
327310	Cements	246	9,205	*	*	12	*	6	*	60
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	1,655	117,284	*	2	522	1	1	15	316
331111	Iron and Steel Mills	1,158	50,360	*	1	316	*	1	14	281
331112	Electrometallurgical Ferroalloy Products	13	3,158	0	*	1	*	0	*	1
3312	Steel Products from Purchased Steel	44	5,270	*	*	18	*	0	*	7
3313	Alumina and Aluminum	219	34,041	*	*	93	*	0	0	5

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NAICS Code(a)	Subsector and Industry	Total (trillion Btu)	Net 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	24	2,638	*	*	14	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	57	4,134	*	*	39	*	0	0	2
331316	Aluminum Extruded Products	16	1,411	0	*	11	*	0	0	*
3314	Nonferrous Metals, except Aluminum	123	13,301	*	*	50	*	0	*	21
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminur	59	7,341	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	301	37,206	*	*	158	1	*	0	Q
333	Machinery	148	20,386	*	1	69	1	0	0	1
334	Computer and Electronic Products	144	29,503	*	*	41	*	0	0	*
334413	Semiconductors and Related Devices	57	10,808	*	*	19	*	0	0	*
335	Electrical Equip., Appliances, and Components	74	10,689	*	*	35	*	0	*	*
336	Transportation Equipment	275	38,832	*	*	123	1	*	0	5
336111	Automobiles	28	3,027	0	*	15	*	*	0	1
336112	Light Trucks and Utility Vehicles	38	3,620	0	*	22	*	*	0	1
3364	Aerospace Product and Parts	67	9,501	*	*	29	*	*	0	2
336411	Aircraft	19	2,630	*	*	9	*	0	0	*
337	Furniture and Related Products	36	4,960	0	*	13	*	*	0	4
339	Miscellaneous	43	7,598	*	*	15	*	*	0	*
	Total	14,228	714,166	13	22	5,064	18	39	15	5,059

Northeast Census Region

311	Food	90	7,147	*	1	54	*	*	0	2
3112	Grain and Oilseed Milling	3	434	*	*	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	1
3115	Dairy Products	14	1,172	*	*	8	*	0	0	*
3116	Animal Slaughtering and Processing	9	857	*	*	4	*	0	0	1
312	Beverage and Tobacco Products	12	1,247	*	*	6	*	0	0	1
3121	Beverages	11	1,217	*	*	5	*	0	0	1
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	87	1,010	*	*	2	*	*	0	80
321113	Sawmills	5	332	*	*	*	*	0	0	3
3212	Veneer, Plywood, and Engineered Woods	75	240	0	*	*	*	*	0	74
321219	Reconstituted Wood Products	18	161	0	*	*	*	0	0	17
3219	Other Wood Products	5	486	*	*	1	*	*	0	2
322	Paper	248	4,907	2	*	69	*	1	0	128
322110	Pulp Mills	26	432	*	*	1	*	0	0	22
322121	Paper Mills, except Newsprint	166	543	1	*	50	*	1	0	87
322122	Newsprint Mills	W	880	*	*	0	*	0	0	W
322130	Paperboard Mills	25	1,486	*	*	11	*	0	0	7
323	Printing and Related Support	16	2,447	*	*	6	*	0	0	*
324	Petroleum and Coal Products	264	4,413	1	2	41	3	*	0	174
324110	Petroleum Refineries	238	4,032	1	1	30	3	*	0	171
324121	Asphalt Paving Mixture and Block	19	257	*	1	9	*	0	0	2
324199	Other Petroleum and Coal Products	6	35	*	*	1	*	*	0	*
325	Chemicals	148	12,122	1	*	69	*	1	0	14
325110	Petrochemicals	*	17	0	*	*	0	0	0	0
325120	Industrial Gases	11	2,592	0	*	*	*	0	0	2
325181	Alkalies and Chlorine	8	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	7	160	*	*	5	*	0	0	*
325193	Ethyl Alcohol	2	69	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	2,450	*	*	21	*	0	0	1
325412	Pharmaceutical Preparation	13	1,188	*	*	9	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	16	873	*	*	4	*	*	0	*
326	Plastics and Rubber Products	20	2,679	0	*	8	*	*	0	*
327	Nonmetallic Mineral Products	88	4,133	*	1	37	*	1	*	7
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	565	0	*	6	*	0	0	*
327213	Glass Containers	10	587	0	*	8	*	0	0	*
327215	Glass Products from Purchased Glass	3	394	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	186	12,979	*	*	63	*	*	1	45
331111	Iron and Steel Mills	129	5,795	0	*	34	*	*	1	44
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	1
331314	Secondary Smelting and Alloying of Aluminum	9	2,110	*	*	2	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	7	463	*	*	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	2,861	*	*	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	902	*	*	7	*	0	0	1
336411	Aircraft	5	307	*	*	3	*	0	0	*
337	Furniture and Related Products	5	707	0	*	2	*	0	0	*
339	Miscellaneous	13	1,847	0	*	6	*	0	0	*
	Total	1,317	74,309	5	4	427	4	3	1	452

Midwest Census Region

311	Food	561	33,034	*	*	244	*	7	*	44
3112	Grain and Oilseed Milling	273	11,550	*	*	82	*	5	0	34
311221	Wet Corn Milling	198	6,574	0	*	47	*	5	0	24
31131	Sugar Manufacturing	37	558	*	*	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	95	8,561	*	*	58	*	0	0	4
312	Beverage and Tobacco Products	19	1,369	*	*	8	*	*	0	*
3121	Beverages	19	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	52	2,468	*	1	6	*	*	0	31
321113	Sawmills	28	397	*	Q	1	*	0	0	23

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3212	Veneer, Plywood, and Engineered Woods	10	557	*	*	2	*	*	0	4
321219	Reconstituted Wood Products	7	340	*	*	2	*	*	0	3
3219	Other Wood Products	13	1,472	0	*	3	*	0	0	4
322	Paper	292	15,068	*	*	85	*	3	0	94
322110	Pulp Mills	2	281	0	*	1	*	0	0	*
322121	Paper Mills, except Newsprint	190	6,885	*	*	38	*	2	0	83
322122	Newsprint Mills	10	1,345	0	*	*	*	*	0	3
322130	Paperboard Mills	45	2,522	*	*	20	*	*	0	8
323	Printing and Related Support	28	4,444	0	*	12	*	0	0	*
324	Petroleum and Coal Products	514	8,596	*	*	123	*	*	0	355
324110	Petroleum Refineries	481	8,101	*	*	105	*	0	0	343
324121	Asphalt Paving Mixture and Block	13	259	*	*	9	*	*	0	1
324199	Other Petroleum and Coal Products	11	-156	0	*	2	*	0	0	9
325	Chemicals	623	34,431	*	*	331	1	3	0	101
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	W	77	0	*	*	*	0	0	W
325188	Other Basic Inorganic Chemicals	62	1,389	0	*	13	*	0	0	44
325192	Cyclic Crudes and Intermediates	14	649	*	*	5	*	0	0	6
325193	Ethyl Alcohol	254	6,088	0	*	200	*	1	0	2
325199	Other Basic Organic Chemicals	57	3,509	0	*	15	*	1	0	15
325211	Plastics Materials and Resins	43	3,272	*	*	14	*	*	0	11
325212	Synthetic Rubber	6	415	0	*	3	*	*	0	*
325222	Noncellulosic Organic Fibers	*	31	0	0	*	*	0	0	*
325311	Nitrogenous Fertilizers	41	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	15,451	0	*	36	*	0	0	Q
327	Nonmetallic Mineral Products	211	8,939	*	1	69	*	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	2,537	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	874	46,699	*	1	261	*	1	9	206
331111	Iron and Steel Mills	694	19,512	*	1	196	*	1	8	196
331112	Electrometallurgical Ferroalloy Products	6	1,174	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 Aluminum	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	16,345	0	*	79	1	0	0	*
333	Machinery	81	9,688	*	*	42	*	0	0	1
334	Computer and Electronic Products	24	4,551	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	19,775	*	*	68	*	*	0	3
336111	Automobiles	19	1,765	0	*	11	*	*	0	1
336112	Light Trucks and Utility Vehicles	24	2,059	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 3.1 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)	Net 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	13	1,665	0	*	5	*	*	0	1
339	Miscellaneous	8	1,254	0	*	3	*	*	0	*
	Total	3,703	227,367	1	4	1,393	4	16	9	877
South Census Region										
311	Food	297	23,271	1	1	142	*	1	0	43
3112	Grain and Oilseed Milling	60	3,690	*	*	28	*	*	0	8
311221	Wet Corn Milling	14	824	0	*	4	*	*	0	*
31131	Sugar Manufacturing	40	263	*	*	6	*	*	0	31
3114	Fruit and Vegetable Preserving and Specialty Foods	30	2,394	*	*	19	*	0	0	1
3115	Dairy Products	13	1,815	0	*	6	*	0	0	*
3116	Animal Slaughtering and Processing	90	8,966	1	*	47	*	*	0	3
312	Beverage and Tobacco Products	36	3,614	*	*	15	*	*	0	3
3121	Beverages	27	2,682	*	*	12	*	*	0	3
3122	Tobacco	9	932	*	*	3	*	*	0	*
313	Textile Mills	80	12,007	*	*	22	*	*	0	6
314	Textile Product Mills	15	1,800	*	*	8	*	0	0	*
315	Apparel	5	886	0	*	2	*	0	0	*
316	Leather and Allied Products	*	73	0	*	*	*	0	0	*
321	Wood Products	245	8,775	*	1	17	*	*	0	191
321113	Sawmills	143	2,707	0	*	2	*	0	0	130
3212	Veneer, Plywood, and Engineered Woods	76	4,150	*	*	11	*	*	0	49
321219	Reconstituted Wood Products	49	2,882	*	*	9	*	*	0	28
3219	Other Wood Products	20	1,685	0	*	2	*	0	0	10
322	Paper	1,342	27,762	3	1	178	*	5	*	923
322110	Pulp Mills	213	1,142	1	*	17	*	*	0	186
322121	Paper Mills, except Newsprint	393	8,433	1	*	55	*	2	0	249
322122	Newsprint Mills	W	3,219	0	*	1	*	*	0	W
322130	Paperboard Mills	659	9,668	2	*	85	*	3	*	470
323	Printing and Related Support	30	4,825	0	*	13	*	0	0	*
324	Petroleum and Coal Products	1,773	27,233	1	1	514	1	*	0	1,135
324110	Petroleum Refineries	1,711	26,229	*	*	496	1	0	0	1,103
324121	Asphalt Paving Mixture and Block	21	332	*	1	10	*	0	0	2
324199	Other Petroleum and Coal Products	33	140	0	*	1	*	0	0	31
325	Chemicals	2,321	76,423	1	1	1,291	1	3	0	643
325110	Petrochemicals	566	6,453	*	*	239	*	0	0	295
325120	Industrial Gases	49	6,902	0	*	24	*	0	0	*
325181	Alkalies and Chlorine	W	5,022	0	*	W	*	*	0	13
325182	Carbon Black	W	151	*	*	10	*	0	0	W
325188	Other Basic Inorganic Chemicals	112	20,178	*	*	25	*	*	0	16
325192	Cyclic Crudes and Intermediates	30	1,863	*	*	11	*	0	0	13
325193	Ethyl Alcohol	41	983	0	*	37	*	0	0	*
325199	Other Basic Organic Chemicals	553	5,182	*	*	337	*	2	0	144
325211	Plastics Materials and Resins	404	15,133	*	*	278	*	*	0	57
325212	Synthetic Rubber	32	1,146	0	*	18	*	*	0	8
325222	Noncellulosic Organic Fibers	35	2,732	*	*	9	*	*	0	13
325311	Nitrogenous Fertilizers	122	1,919	0	*	112	*	0	0	*
325312	Phosphatic Fertilizers	31	998	*	*	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	121	19,154	*	*	47	*	0	0	Q
327	Nonmetallic Mineral Products	295	14,180	*	2	121	*	4	*	24
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	*	19
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	508	45,397	*	1	157	*	*	5	64

Table 3.1 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)	Net 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	311	22,133	*	*	74	*	*	5	40
331112	Electrometallurgical Ferroalloy Products	5	1,446	0	*	*	0	0	0	*
3312	Steel Products from Purchased Steel	16	2,849	0	*	5	*	0	0	*
3313	Alumina and Aluminum	106	12,833	*	*	56	*	0	0	3
331314	Secondary Smelting and Alloying of Aluminum	6	316	0	*	5	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	29	2,092	*	*	22	*	0	0	*
331316	Aluminum Extruded Products	7	412	0	*	5	*	0	0	*
3314	Nonferrous Metals, except Aluminum	46	3,523	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	11,397	*	*	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	2,972	*	*	7	*	*	0	1
336411	Aircraft	7	1,163	*	*	3	*	0	0	*
337	Furniture and Related Products	16	2,180	0	*	4	*	*	0	Q
339	Miscellaneous	12	2,300	*	*	3	*	0	0	*
	Total	7,379	315,945	6	8	2,647	5	14	5	3,042
West Census Region										
311	Food	211	11,955	*	2	123	*	1	*	11
3112	Grain and Oilseed Milling	13	806	0	*	6	*	0	0	Q
311221	Wet Corn Milling	2	64	0	*	1	*	0	0	1
31131	Sugar Manufacturing	30	185	0	*	4	*	1	*	5
3114	Fruit and Vegetable Preserving and Specialty Foods	74	3,633	*	Q	55	*	0	0	1
3115	Dairy Products	38	3,272	0	*	26	*	0	0	*
3116	Animal Slaughtering and Processing	19	1,753	0	*	12	*	0	0	*
312	Beverage and Tobacco Products	20	2,219	0	*	9	*	0	0	3
3121	Beverages	20	2,218	0	*	9	*	0	0	3
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	87	3,069	0	Q	9	*	0	0	55
321113	Sawmills	55	1,028	0	Q	3	*	0	0	39
3212	Veneer, Plywood, and Engineered Woods	22	1,427	0	*	5	*	0	0	12
321219	Reconstituted Wood Products	8	668	0	*	2	*	0	0	3
3219	Other Wood Products	9	520	0	*	1	*	0	0	4
322	Paper	228	12,760	*	*	56	*	1	0	108
322110	Pulp Mills	7	178	*	*	*	*	0	0	5
322121	Paper Mills, except Newsprint	74	2,285	*	*	25	*	0	0	40
322122	Newsprint Mills	42	5,736	*	*	2	*	1	0	6
322130	Paperboard Mills	95	3,543	*	*	23	*	*	0	56
323	Printing and Related Support	Q	Q	0	0	2	*	0	0	0
324	Petroleum and Coal Products	767	6,773	1	1	215	3	*	0	498
324110	Petroleum Refineries	746	6,520	1	1	203	3	0	0	496
324121	Asphalt Paving Mixture and Block	13	220	*	*	9	*	0	0	2
324199	Other Petroleum and Coal Products	5	-101	0	*	*	*	*	0	*
325	Chemicals	131	8,957	0	*	43	*	2	0	7
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	32	2,325	0	*	6	*	1	0	2

Table 3.1 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)	Net 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	5	251	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	246	0	*	3	*	0	0	*
3254	Pharmaceuticals and Medicines	8	991	0	*	4	*	0	0	*
325412	Pharmaceutical Preparation	4	456	0	*	2	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	2	241	0	*	1	*	0	0	*
326	Plastics and Rubber Products	39	8,514	0	*	9	*	0	0	*
327	Nonmetallic Mineral Products	116	5,325	*	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	1,752	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	86	12,209	0	*	41	*	*	*	1
331111	Iron and Steel Mills	24	2,919	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	3,503	0	*	17	*	0	*	*
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminum	18	2,371	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	27	3,426	0	*	13	*	*	0	Q
333	Machinery	6	1,271	0	*	Q	*	0	0	*
334	Computer and Electronic Products	52	9,638	0	*	19	*	0	0	*
334413	Semiconductors and Related Devices	29	4,981	0	*	12	*	0	0	*
335	Electrical Equip., Appliances, and Components	3	478	0	*	Q	*	0	0	*
336	Transportation Equipment	29	4,799	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	3,615	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	1,829	96,546	1	6	597	4	6	*	689

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

(b) 'Net Electricity' is obtained by summing purchases, transfers in, and generation from noncombustible renewable resources, minus quantities sold and transferred out. It does not include electricity inputs from onsite cogeneration or generation from combustible fuels because that energy has already been included as generating fuel (for example, coal).

(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

Table 3.1 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)	Net 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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produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids '(NGL).'

(f) 'Other' includes net steam (the sum of purchases, generation from renewables, and net transfers), and other energy that respondents indicated was used to produce heat and power.

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 estimates presented in this table are for the total consumption of energy (formerly total inputs of energy) for the production of heat, power, and electricity generation, regardless of where the energy was produced. Specifically, the estimates include the quantities of energy that were originally produced offsite and purchased by or transferred to the establishment, plus those that were produced onsite from other energy or input materials not classified as energy, or were extracted from captive (onsite) mines or wells. During manufacturing processes, it is possible that the thermal energy content of an energy input is not completely consumed for the production of heat, power, or electricity generation. Hence, residuals of that input may remain. Those residual leftovers may be subsequently consumed for fuel purposes, whether onsite or offsite at another manufacturing establishment (for example, blast furnace gas as a byproduct recovered from coke and other inputs that were not completely consumed). In such cases, double counting of inputs cannot be avoided, and the "Fuel Consumption" estimates will be inflated.

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.