

Table 3.2 Fuel Consumption, 2010;**Level: National and Regional Data;****Row: NAICS Codes; Column: Energy Sources;****Unit: Trillion Btu.**

NAICS Code(a)	Subsector and Industry	Total	Net Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)
Total United States										
311	Food	1,158	257	12	22	579	6	182	2	99
3112	Grain and Oilseed Milling	350	56	*	1	121	*	126	0	45
311221	Wet Corn Milling	214	25	*	*	53	*	110	0	25
31131	Sugar Manufacturing	107	4	1	1	15	*	49	2	36
3114	Fruit and Vegetable Preserving and Specialty Foods	143	31	1	Q	100	1	2	0	4
3115	Dairy Products	105	33	2	2	66	1	*	0	2
3116	Animal Slaughtering and Processing	212	69	5	3	125	2	Q	0	8
312	Beverage and Tobacco Products	86	29	1	1	38	1	10	0	7
3121	Beverages	77	25	*	1	34	1	8	0	7
3122	Tobacco	9	3	*	*	4	*	2	0	*
313	Textile Mills	95	45	2	Q	31	1	8	0	6
314	Textile Product Mills	20	8	*	*	9	Q	Q	0	*
315	Apparel	6	4	0	*	2	*	0	0	*
316	Leather and Allied Products	2	1	*	*	1	*	0	0	*
321	Wood Products	470	52	*	22	34	3	1	0	357
321113	Sawmills	232	15	*	Q	5	*	0	0	195
3212	Veneer, Plywood, and Engineered Woods	183	22	*	2	19	1	1	0	138
321219	Reconstituted Wood Products	82	14	*	Q	14	*	1	0	52
3219	Other Wood Products	48	14	*	5	7	2	*	0	20
322	Paper	2,110	206	35	6	399	4	207	*	1,253
322110	Pulp Mills	249	7	8	1	19	*	*	0	214
322121	Paper Mills, except Newsprint	822	62	13	2	172	1	113	0	458
322122	Newsprint Mills	101	38	1	1	3	*	23	0	35
322130	Paperboard Mills	824	59	11	2	142	*	67	*	541
323	Printing and Related Support	83	47	Q	*	34	1	0	0	*
324	Petroleum and Coal Products	3,319	160	17	24	918	26	11	0	2,162
324110	Petroleum Refineries	3,176	153	14	11	859	25	1	0	2,113
324121	Asphalt Paving Mixture and Block	65	4	3	12	39	1	Q	0	6
324199	Other Petroleum and Coal Products	55	*	*	*	5	*	9	0	41
325	Chemicals	3,222	450	7	8	1,784	7	200	0	765
325110	Petrochemicals	568	22	1	*	248	1	0	0	295
325120	Industrial Gases	96	66	0	*	27	*	0	0	3
325181	Alkalies and Chlorine	W	32	0	*	W	*	39	0	17
325182	Carbon Black	W	1	*	*	11	*	0	0	W
325188	Other Basic Inorganic Chemicals	214	84	1	1	49	*	17	0	62
325192	Cyclic Crudes and Intermediates	52	9	2	*	22	*	0	0	18
325193	Ethyl Alcohol	307	25	0	*	252	*	25	0	4
325199	Other Basic Organic Chemicals	634	33	*	1	378	*	59	0	164
325211	Plastics Materials and Resins	462	67	Q	1	307	1	12	0	73
325212	Synthetic Rubber	39	6	0	*	22	*	3	0	8
325222	Noncellulosic Organic Fibers	36	10	*	*	10	*	3	0	13
325311	Nitrogenous Fertilizers	166	12	*	*	152	*	0	0	2
325312	Phosphatic Fertilizers	35	4	*	1	27	*	2	0	*
3254	Pharmaceuticals and Medicines	91	31	*	1	49	*	4	0	7
325412	Pharmaceutical Preparation	51	19	*	*	24	*	4	0	4
325992	Photographic Film, Paper, Plate, and Chemicals	20	5	*	*	6	*	9	0	*
326	Plastics and Rubber Products	272	156	*	2	103	2	Q	0	Q
327	Nonmetallic Mineral Products	711	111	1	23	273	2	217	8	76
327121	Brick and Structural Clay Tile	20	2	*	*	16	*	1	0	1
327211	Flat Glass	49	6	0	*	43	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	37	9	0	*	28	*	0	0	Q
327213	Glass Containers	59	12	0	*	46	*	0	0	*
327215	Glass Products from Purchased Glass	14	9	0	*	5	*	*	0	*
327310	Cements	246	31	*	3	13	*	135	3	60
327410	Lime	101	5	*	5	3	*	77	1	9
327420	Gypsum	44	5	*	*	39	*	0	0	*
327993	Mineral Wool	39	12	0	*	24	*	0	3	*
331	Primary Metals	1,655	400	1	9	537	3	23	367	316
331111	Iron and Steel Mills	1,158	172	*	5	325	*	23	351	281
331112	Electrometallurgical Ferroalloy Products	13	11	0	*	1	*	0	*	1
3312	Steel Products from Purchased Steel	44	18	*	*	18	*	0	*	7
3313	Alumina and Aluminum	219	116	*	2	96	1	0	0	5
331314	Secondary Smelting and Alloying of Aluminum	24	9	*	*	14	*	0	0	*

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NAICS Code(a)	Subsector and Industry	Total	Net Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)
331315	Aluminum Sheet, Plate and Foils	57	14	*	*	40	*	0	0	2
331316	Aluminum Extruded Products	16	5	0	*	11	*	0	0	*
3314	Nonferrous Metals, except Aluminum	123	45	*	*	51	1	0	4	21
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminur	59	25	0	*	12	*	0	1	21
3315	Foundries	97	38	0	1	46	1	0	11	*
331511	Iron Foundries	45	19	0	*	14	*	0	11	*
331521	Aluminum Die-Casting Foundries	16	4	0	*	11	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	11	3	0	*	8	*	0	0	*
332	Fabricated Metal Products	301	127	*	3	163	5	Q	0	Q
333	Machinery	148	70	*	3	71	2	0	0	1
334	Computer and Electronic Products	144	101	*	*	42	*	0	0	*
334413	Semiconductors and Related Devices	57	37	*	*	20	*	0	0	*
335	Electrical Equip., Appliances, and Components	74	36	*	1	36	1	0	*	*
336	Transportation Equipment	275	132	2	3	127	3	3	0	5
336111	Automobiles	28	10	0	*	15	*	1	0	1
336112	Light Trucks and Utility Vehicles	38	12	0	*	23	*	1	0	1
3364	Aerospace Product and Parts	67	32	1	1	30	*	*	0	2
336411	Aircraft	19	9	*	*	10	*	0	0	*
337	Furniture and Related Products	36	17	0	*	13	1	Q	0	4
339	Miscellaneous	43	26	*	1	16	*	*	0	*
	Total	14,228	2,437	79	130	5,211	69	868	376	5,059

Northeast Census Region

311	Food	90	24	3	3	56	1	1	0	2
3112	Grain and Oilseed Milling	3	1	*	*	2	*	0	0	*
311221	Wet Corn Milling	*	*	*	0	0	*	0	0	0
31131	Sugar Manufacturing	1	1	0	*	*	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	13	3	1	*	7	*	1	0	1
3115	Dairy Products	14	4	1	1	8	*	0	0	*
3116	Animal Slaughtering and Processing	9	3	*	1	4	*	0	0	1
312	Beverage and Tobacco Products	12	4	1	*	6	*	0	0	1
3121	Beverages	11	4	*	*	5	*	0	0	1
3122	Tobacco	1	*	*	*	*	*	0	0	*
313	Textile Mills	8	2	1	*	5	*	0	0	*
314	Textile Product Mills	Q	Q	0	*	Q	*	Q	0	*
315	Apparel	*	*	0	0	*	0	0	0	0
316	Leather and Allied Products	*	*	*	*	*	*	0	0	*
321	Wood Products	87	3	*	1	2	*	*	0	80
321113	Sawmills	5	1	*	1	*	*	0	0	3
3212	Veneer, Plywood, and Engineered Woods	75	1	0	*	*	*	*	0	74
321219	Reconstituted Wood Products	18	1	0	*	*	*	0	0	17
3219	Other Wood Products	5	2	*	1	1	*	*	0	2
322	Paper	248	17	12	1	71	1	19	0	128
322110	Pulp Mills	26	1	2	*	1	*	0	0	22
322121	Paper Mills, except Newsprint	166	2	7	1	51	*	18	0	87
322122	Newsprint Mills	W	3	1	*	0	*	0	0	W
322130	Paperboard Mills	25	5	1	*	12	*	0	0	7
323	Printing and Related Support	16	8	Q	*	6	*	0	0	*
324	Petroleum and Coal Products	264	15	7	11	42	10	5	0	174
324110	Petroleum Refineries	238	14	6	5	31	10	1	0	171
324121	Asphalt Paving Mixture and Block	19	1	1	5	9	*	0	0	2
324199	Other Petroleum and Coal Products	6	*	*	*	1	*	4	0	*
325	Chemicals	148	41	4	1	71	*	17	0	14
325110	Petrochemicals	*	*	0	*	*	0	0	0	0
325120	Industrial Gases	11	9	0	*	*	*	0	0	2
325181	Alkalies and Chlorine	8	5	0	*	*	*	0	0	2
325182	Carbon Black	*	*	0	0	*	0	0	0	0
325188	Other Basic Inorganic Chemicals	8	3	1	*	4	*	0	0	*
325192	Cyclic Crudes and Intermediates	7	1	1	*	5	*	0	0	*
325193	Ethyl Alcohol	2	*	0	*	2	*	0	0	0
325199	Other Basic Organic Chemicals	19	2	0	*	13	*	0	0	4
325211	Plastics Materials and Resins	13	3	0	*	5	*	0	0	4
325212	Synthetic Rubber	*	*	0	0	*	*	0	0	0
325222	Noncellulosic Organic Fibers	*	*	0	*	0	*	0	0	*

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325311	Nitrogenous Fertilizers	1	*	*	*	*	*	0	0	*
325312	Phosphatic Fertilizers	*	*	0	*	*	*	0	0	*
3254	Pharmaceuticals and Medicines	31	8	*	*	22	*	0	0	1
325412	Pharmaceutical Preparation	13	4	*	*	9	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	16	3	*	*	4	*	9	0	*
326	Plastics and Rubber Products	20	9	0	Q	8	*	Q	0	*
327	Nonmetallic Mineral Products	88	14	*	3	38	*	25	1	7
327121	Brick and Structural Clay Tile	2	*	0	*	1	*	*	0	*
327211	Flat Glass	9	1	0	*	8	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	8	2	0	*	6	*	0	0	*
327213	Glass Containers	10	2	0	*	8	*	0	0	*
327215	Glass Products from Purchased Glass	3	1	0	*	1	*	*	0	*
327310	Cements	28	3	*	1	*	*	17	1	5
327410	Lime	5	*	0	*	0	*	4	0	1
327420	Gypsum	7	1	*	*	5	*	0	0	*
327993	Mineral Wool	4	1	0	*	3	*	0	0	*
331	Primary Metals	186	44	*	1	65	*	1	30	45
331111	Iron and Steel Mills	129	20	0	*	35	*	1	29	44
331112	Electrometallurgical Ferroalloy Products	2	2	0	*	*	*	0	0	*
3312	Steel Products from Purchased Steel	7	3	*	*	4	*	0	*	*
3313	Alumina and Aluminum	20	10	*	*	9	*	0	0	1
331314	Secondary Smelting and Alloying of Aluminum	9	7	*	*	2	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	7	2	*	*	5	*	0	0	*
331316	Aluminum Extruded Products	4	1	0	*	2	*	0	0	*
3314	Nonferrous Metals, except Aluminum	20	6	*	*	13	*	0	*	*
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminur	1	1	0	*	*	*	0	0	*
3315	Foundries	8	3	0	*	4	*	0	*	*
331511	Iron Foundries	2	1	0	*	1	*	0	*	*
331521	Aluminum Die-Casting Foundries	1	*	0	0	1	*	0	0	0
331524	Aluminum Foundries, except Die-Casting	1	*	0	*	*	*	0	0	*
332	Fabricated Metal Products	43	15	*	Q	25	1	0	0	*
333	Machinery	21	11	0	*	9	*	0	0	Q
334	Computer and Electronic Products	25	18	*	*	7	*	0	0	*
334413	Semiconductors and Related Devices	10	7	*	*	3	*	0	0	*
335	Electrical Equip., Appliances, and Components	13	6	*	1	6	*	0	*	*
336	Transportation Equipment	26	10	1	*	14	*	0	0	1
336111	Automobiles	*	*	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	3	1	*	7	*	0	0	1
336411	Aircraft	5	1	*	*	3	*	0	0	*
337	Furniture and Related Products	5	2	0	*	2	*	0	0	*
339	Miscellaneous	13	6	0	*	6	*	0	0	*
	Total	1,317	254	30	25	439	14	71	31	452

Midwest Census Region

311	Food	561	113	3	2	251	2	145	1	44
3112	Grain and Oilseed Milling	273	39	*	*	84	*	115	0	34
311221	Wet Corn Milling	198	22	0	*	48	*	104	0	24
31131	Sugar Manufacturing	37	2	1	*	5	*	28	1	*
3114	Fruit and Vegetable Preserving and Specialty Foods	26	8	*	*	17	*	1	0	1
3115	Dairy Products	40	11	1	1	26	*	*	0	1
3116	Animal Slaughtering and Processing	95	29	1	*	60	*	0	0	4
312	Beverage and Tobacco Products	19	5	*	*	8	*	6	0	*
3121	Beverages	19	5	*	*	8	*	6	0	*
3122	Tobacco	*	*	0	0	*	*	0	0	0
313	Textile Mills	3	1	0	*	1	*	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	*	1	*	0	0	*
321	Wood Products	52	8	*	4	6	1	1	0	31
321113	Sawmills	28	1	*	Q	1	*	0	0	23
3212	Veneer, Plywood, and Engineered Woods	10	2	*	*	2	*	1	0	4
321219	Reconstituted Wood Products	7	1	*	*	2	*	1	0	3
3219	Other Wood Products	13	5	0	1	3	*	0	0	4

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322	Paper	292	51	1	1	88	1	57	0	94
322110	Pulp Mills	2	1	0	*	1	*	0	0	*
322121	Paper Mills, except Newsprint	190	23	1	*	39	*	44	0	83
322122	Newsprint Mills	10	5	0	*	*	*	2	0	3
322130	Paperboard Mills	45	9	*	*	20	*	7	0	8
323	Printing and Related Support	28	15	0	*	13	*	0	0	*
324	Petroleum and Coal Products	514	29	1	1	126	1	Q	0	355
324110	Petroleum Refineries	481	28	1	1	108	1	0	0	343
324121	Asphalt Paving Mixture and Block	13	1	*	1	10	*	Q	0	1
324199	Other Petroleum and Coal Products	11	-1	0	*	2	*	0	0	9
325	Chemicals	623	117	*	1	341	4	58	0	101
325110	Petrochemicals	2	*	*	*	2	*	0	0	*
325120	Industrial Gases	29	28	0	*	1	0	0	0	0
325181	Alkalies and Chlorine	W	4	0	*	W	*	0	0	*
325182	Carbon Black	W	*	0	*	*	*	0	0	W
325188	Other Basic Inorganic Chemicals	62	5	0	*	13	*	0	0	44
325192	Cyclic Crudes and Intermediates	14	2	*	*	5	*	0	0	6
325193	Ethyl Alcohol	254	21	0	*	206	*	25	0	2
325199	Other Basic Organic Chemicals	57	12	0	*	16	*	14	0	15
325211	Plastics Materials and Resins	43	11	*	*	14	*	6	0	11
325212	Synthetic Rubber	6	1	0	*	3	*	1	0	*
325222	Noncellulosic Organic Fibers	*	*	0	0	*	*	0	0	*
325311	Nitrogenous Fertilizers	41	4	0	*	35	*	0	0	2
325312	Phosphatic Fertilizers	*	*	0	*	*	*	0	0	*
3254	Pharmaceuticals and Medicines	28	10	*	*	12	*	4	0	2
325412	Pharmaceutical Preparation	19	7	0	*	6	*	4	0	2
325992	Photographic Film, Paper, Plate, and Chemicals	1	*	0	*	*	*	0	0	*
326	Plastics and Rubber Products	91	53	0	*	37	1	0	0	Q
327	Nonmetallic Mineral Products	211	30	*	4	71	*	64	4	39
327121	Brick and Structural Clay Tile	4	*	0	*	3	*	*	0	*
327211	Flat Glass	16	2	0	*	14	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	9	2	0	*	8	*	0	0	*
327213	Glass Containers	15	3	0	*	12	*	0	0	*
327215	Glass Products from Purchased Glass	5	3	0	*	1	*	0	0	*
327310	Cements	74	9	0	1	2	*	31	1	30
327410	Lime	45	2	*	*	2	*	32	1	8
327420	Gypsum	9	1	0	*	8	*	0	0	*
327993	Mineral Wool	17	5	0	*	9	*	0	3	*
331	Primary Metals	874	159	*	4	268	1	17	218	206
331111	Iron and Steel Mills	694	67	*	3	202	*	17	208	196
331112	Electrometallurgical Ferroalloy Products	6	4	0	*	*	*	0	*	1
3312	Steel Products from Purchased Steel	21	5	0	*	9	*	0	0	7
3313	Alumina and Aluminum	69	45	0	*	22	*	0	0	2
331314	Secondary Smelting and Alloying of Aluminum	7	1	0	*	7	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	16	4	0	*	10	*	0	0	2
331316	Aluminum Extruded Products	W	W	0	*	W	*	0	0	*
3314	Nonferrous Metals, except Aluminum	28	15	0	*	10	1	0	2	*
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminur	13	10	0	*	2	*	0	1	*
3315	Foundries	58	23	0	*	26	*	0	7	*
331511	Iron Foundries	29	13	0	*	8	*	0	7	*
331521	Aluminum Die-Casting Foundries	10	3	0	*	7	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	6	2	0	*	4	*	0	0	*
332	Fabricated Metal Products	140	56	0	*	81	2	0	0	*
333	Machinery	81	33	*	2	44	1	0	0	1
334	Computer and Electronic Products	24	16	0	*	8	*	0	0	*
334413	Semiconductors and Related Devices	3	2	0	*	1	*	0	0	*
335	Electrical Equip., Appliances, and Components	21	10	0	*	11	*	0	0	*
336	Transportation Equipment	146	67	*	Q	70	2	3	0	3
336111	Automobiles	19	6	0	*	11	*	1	0	1
336112	Light Trucks and Utility Vehicles	24	7	0	*	15	*	1	0	1
3364	Aerospace Product and Parts	14	7	*	*	6	*	0	0	1
336411	Aircraft	4	2	0	*	2	*	0	0	*
337	Furniture and Related Products	13	6	0	*	5	*	Q	0	1
339	Miscellaneous	8	4	0	*	3	*	*	0	*
	Total	3,703	776	5	21	1,434	17	352	223	877

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South Census Region										
311	Food	297	79	6	5	146	2	16	0	43
3112	Grain and Oilseed Milling	60	13	*	*	29	*	11	0	8
311221	Wet Corn Milling	14	3	0	*	4	*	7	0	*
31131	Sugar Manufacturing	40	1	*	*	6	*	1	0	31
3114	Fruit and Vegetable Preserving and Specialty Foods	30	8	1	*	19	*	0	0	1
3115	Dairy Products	13	6	0	*	6	*	0	0	*
3116	Animal Slaughtering and Processing	90	31	4	2	48	1	Q	0	3
312	Beverage and Tobacco Products	36	12	*	1	16	*	4	0	3
3121	Beverages	27	9	*	1	12	*	3	0	3
3122	Tobacco	9	3	*	*	4	*	2	0	*
313	Textile Mills	80	41	1	Q	23	1	8	0	6
314	Textile Product Mills	15	6	*	*	8	*	0	0	*
315	Apparel	5	3	0	*	2	*	0	0	*
316	Leather and Allied Products	*	*	0	*	*	*	0	0	*
321	Wood Products	245	30	*	5	17	1	*	0	191
321113	Sawmills	143	9	0	1	2	*	0	0	130
3212	Veneer, Plywood, and Engineered Woods	76	14	*	Q	11	*	*	0	49
321219	Reconstituted Wood Products	49	10	*	Q	10	*	*	0	28
3219	Other Wood Products	20	6	0	Q	2	1	0	0	10
322	Paper	1,342	95	20	4	183	1	115	*	923
322110	Pulp Mills	213	4	4	1	18	*	*	0	186
322121	Paper Mills, except Newsprint	393	29	6	1	56	*	51	0	249
322122	Newsprint Mills	W	11	0	*	1	*	7	0	W
322130	Paperboard Mills	659	33	10	1	87	*	57	*	470
323	Printing and Related Support	30	16	0	*	13	*	0	0	*
324	Petroleum and Coal Products	1,773	93	4	8	529	4	1	0	1,135
324110	Petroleum Refineries	1,711	89	2	2	511	4	0	0	1,103
324121	Asphalt Paving Mixture and Block	21	1	2	6	10	*	0	0	2
324199	Other Petroleum and Coal Products	33	*	0	*	1	*	0	0	31
325	Chemicals	2,321	261	3	5	1,328	3	77	0	643
325110	Petrochemicals	566	22	1	*	246	1	0	0	295
325120	Industrial Gases	49	24	0	*	25	*	0	0	*
325181	Alkalies and Chlorine	W	17	0	*	W	*	7	0	13
325182	Carbon Black	W	1	*	*	10	*	0	0	W
325188	Other Basic Inorganic Chemicals	112	69	*	*	26	*	1	0	16
325192	Cyclic Crudes and Intermediates	30	6	*	*	11	*	0	0	13
325193	Ethyl Alcohol	41	3	0	*	38	*	0	0	*
325199	Other Basic Organic Chemicals	553	18	*	1	347	*	44	0	144
325211	Plastics Materials and Resins	404	52	Q	1	286	1	6	0	57
325212	Synthetic Rubber	32	4	0	*	18	*	2	0	8
325222	Noncellulosic Organic Fibers	35	9	*	*	9	*	3	0	13
325311	Nitrogenous Fertilizers	122	7	0	*	116	*	0	0	*
325312	Phosphatic Fertilizers	31	3	*	1	24	*	2	0	*
3254	Pharmaceuticals and Medicines	25	10	*	*	11	*	0	0	3
325412	Pharmaceutical Preparation	15	6	*	*	6	*	0	0	2
325992	Photographic Film, Paper, Plate, and Chemicals	1	1	0	*	1	*	0	0	*
326	Plastics and Rubber Products	121	65	*	1	49	1	0	0	Q
327	Nonmetallic Mineral Products	295	48	*	11	125	1	84	2	24
327121	Brick and Structural Clay Tile	13	1	*	*	10	*	1	0	1
327211	Flat Glass	18	2	0	*	15	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	18	5	0	*	13	*	0	0	Q
327213	Glass Containers	20	4	0	*	16	*	0	0	*
327215	Glass Products from Purchased Glass	5	3	0	*	2	*	0	0	*
327310	Cements	98	13	*	1	9	*	55	1	19
327410	Lime	37	2	0	4	1	*	29	1	*
327420	Gypsum	20	2	0	*	18	*	0	0	*
327993	Mineral Wool	13	4	0	*	9	*	0	*	*
331	Primary Metals	508	155	*	4	162	1	4	118	64
331111	Iron and Steel Mills	311	76	*	2	76	*	4	114	40
331112	Electrometallurgical Ferroalloy Products	5	5	0	*	*	0	0	0	*
3312	Steel Products from Purchased Steel	16	10	0	*	5	*	0	0	*
3313	Alumina and Aluminum	106	44	*	1	57	*	0	0	3
331314	Secondary Smelting and Alloying of Aluminum	6	1	0	*	5	*	0	0	*

Table 3.2 Fuel Consumption, 2010;**Level: National and Regional Data;****Row: NAICS Codes; Column: Energy Sources;****Unit: Trillion Btu.**

NAICS Code(a)	Subsector and Industry	Total	Net Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)
331315	Aluminum Sheet, Plate and Foils	29	7	*	*	22	*	0	0	*
331316	Aluminum Extruded Products	7	1	0	*	5	*	0	0	*
3314	Nonferrous Metals, except Aluminum	46	12	0	*	12	*	0	1	21
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminur	27	7	0	*	*	*	0	0	21
3315	Foundries	24	9	0	*	11	*	0	3	*
331511	Iron Foundries	12	4	0	*	5	*	0	3	*
331521	Aluminum Die-Casting Foundries	4	1	0	*	3	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	3	*	0	*	2	*	0	0	*
332	Fabricated Metal Products	91	44	0	1	43	2	0	0	Q
333	Machinery	41	21	0	1	18	1	0	0	*
334	Computer and Electronic Products	43	34	0	*	8	*	0	0	*
334413	Semiconductors and Related Devices	14	11	0	*	4	*	0	0	*
335	Electrical Equip., Appliances, and Components	37	19	0	*	17	*	0	0	*
336	Transportation Equipment	74	39	1	1	30	1	1	0	1
336111	Automobiles	8	4	0	*	4	*	*	0	*
336112	Light Trucks and Utility Vehicles	14	5	0	*	8	*	0	0	*
3364	Aerospace Product and Parts	19	10	*	1	7	*	*	0	1
336411	Aircraft	7	4	*	*	3	*	0	0	*
337	Furniture and Related Products	16	7	0	*	5	*	*	0	Q
339	Miscellaneous	12	8	*	*	3	*	0	0	*
	Total	7,379	1,078	36	47	2,724	20	311	120	3,042
West Census Region										
311	Food	211	41	*	11	127	1	20	*	11
3112	Grain and Oilseed Milling	13	3	0	*	6	*	0	0	Q
311221	Wet Corn Milling	2	*	0	*	1	*	0	0	1
31131	Sugar Manufacturing	30	1	0	*	4	*	20	*	5
3114	Fruit and Vegetable Preserving and Specialty Foods	74	12	*	Q	57	*	0	0	1
3115	Dairy Products	38	11	0	*	26	*	0	0	*
3116	Animal Slaughtering and Processing	19	6	0	*	12	*	0	0	*
312	Beverage and Tobacco Products	20	8	0	*	9	1	0	0	3
3121	Beverages	20	8	0	*	9	1	0	0	3
3122	Tobacco	*	*	0	0	0	*	0	0	0
313	Textile Mills	3	1	*	*	2	*	0	0	*
314	Textile Product Mills	Q	Q	0	*	*	*	0	0	*
315	Apparel	*	*	0	0	*	0	0	0	0
316	Leather and Allied Products	*	*	0	0	*	*	0	0	0
321	Wood Products	87	10	0	Q	9	1	0	0	55
321113	Sawmills	55	4	0	Q	3	*	0	0	39
3212	Veneer, Plywood, and Engineered Woods	22	5	0	*	5	*	0	0	12
321219	Reconstituted Wood Products	8	2	0	*	2	*	0	0	3
3219	Other Wood Products	9	2	0	Q	1	*	0	0	4
322	Paper	228	44	2	1	57	1	16	0	108
322110	Pulp Mills	7	1	1	*	*	*	0	0	5
322121	Paper Mills, except Newsprint	74	8	*	*	26	*	0	0	40
322122	Newsprint Mills	42	20	*	*	2	*	13	0	6
322130	Paperboard Mills	95	12	*	1	23	*	3	0	56
323	Printing and Related Support	Q	Q	0	0	2	*	0	0	0
324	Petroleum and Coal Products	767	23	5	4	221	11	5	0	498
324110	Petroleum Refineries	746	22	5	4	209	10	0	0	496
324121	Asphalt Paving Mixture and Block	13	1	*	1	10	*	0	0	2
324199	Other Petroleum and Coal Products	5	*	0	*	*	*	5	0	*
325	Chemicals	131	31	0	1	44	*	48	0	7
325110	Petrochemicals	0	0	0	0	0	0	0	0	0
325120	Industrial Gases	6	6	0	0	*	0	0	0	0
325181	Alkalies and Chlorine	58	6	0	*	18	*	32	0	2
325182	Carbon Black	*	*	0	*	*	*	0	0	*
325188	Other Basic Inorganic Chemicals	32	8	0	*	6	*	16	0	2
325192	Cyclic Crudes and Intermediates	*	*	0	*	*	*	0	0	*
325193	Ethyl Alcohol	9	1	0	*	6	*	0	0	2
325199	Other Basic Organic Chemicals	5	1	0	*	2	*	0	0	1
325211	Plastics Materials and Resins	2	1	0	*	1	*	0	0	*
325212	Synthetic Rubber	*	*	0	*	*	*	0	0	*
325222	Noncellulosic Organic Fibers	*	*	0	0	*	*	0	0	0

Table 3.2 Fuel Consumption, 2010;**Level: National and Regional Data;****Row: NAICS Codes; Column: Energy Sources;****Unit: Trillion Btu.**

NAICS Code(a)	Subsector and Industry	Total	Net Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)
325311	Nitrogenous Fertilizers	2	1	0	*	1	*	0	0	*
325312	Phosphatic Fertilizers	4	1	0	*	3	*	0	0	*
3254	Pharmaceuticals and Medicines	8	3	0	*	4	*	0	0	*
325412	Pharmaceutical Preparation	4	2	0	*	2	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	2	1	0	*	1	*	0	0	*
326	Plastics and Rubber Products	39	29	0	*	10	*	0	0	*
327	Nonmetallic Mineral Products	116	18	*	6	40	Q	44	*	6
327121	Brick and Structural Clay Tile	2	*	0	*	1	*	0	0	*
327211	Flat Glass	6	1	0	*	6	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	2	*	0	*	1	*	0	0	*
327213	Glass Containers	13	3	0	*	10	*	0	0	*
327215	Glass Products from Purchased Glass	1	1	0	*	*	*	0	0	*
327310	Cements	46	6	0	*	2	*	32	*	6
327410	Lime	14	1	0	*	*	*	13	0	*
327420	Gypsum	9	1	0	*	8	*	0	0	*
327993	Mineral Wool	4	2	0	*	3	*	0	0	*
331	Primary Metals	86	42	0	*	42	*	*	1	1
331111	Iron and Steel Mills	24	10	0	*	13	*	*	*	1
331112	Electrometallurgical Ferroalloy Products	*	*	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	1	*	0	*	*	*	0	0	*
3313	Alumina and Aluminum	24	17	0	*	7	*	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	1	*	0	*	1	*	0	0	0
331315	Aluminum Sheet, Plate and Foils	4	1	0	*	2	*	0	0	*
331316	Aluminum Extruded Products	W	W	0	*	W	*	0	0	*
3314	Nonferrous Metals, except Aluminum	30	12	0	*	17	*	0	*	*
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminum	18	8	0	*	9	*	0	0	*
3315	Foundries	7	2	0	*	4	*	0	1	*
331511	Iron Foundries	2	*	0	*	1	*	0	1	*
331521	Aluminum Die-Casting Foundries	*	*	0	0	*	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	2	1	0	*	1	*	0	0	*
332	Fabricated Metal Products	27	12	0	*	13	*	Q	0	Q
333	Machinery	6	4	0	*	Q	*	0	0	*
334	Computer and Electronic Products	52	33	0	*	19	*	0	0	*
334413	Semiconductors and Related Devices	29	17	0	*	12	*	0	0	*
335	Electrical Equip., Appliances, and Components	3	2	0	*	Q	*	0	0	*
336	Transportation Equipment	29	16	0	*	12	*	0	0	*
336111	Automobiles	*	*	0	0	*	*	0	0	0
336112	Light Trucks and Utility Vehicles	*	*	0	0	*	0	0	0	0
3364	Aerospace Product and Parts	23	12	0	*	10	*	0	0	*
336411	Aircraft	4	2	0	*	2	*	0	0	*
337	Furniture and Related Products	3	1	0	0	1	*	0	0	*
339	Miscellaneous	11	7	0	*	3	*	0	0	*
	Total	1,829	329	7	36	614	17	134	2	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 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.

Table 3.2 Fuel Consumption, 2010;

Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources;
Unit: Trillion Btu.

NAICS Code(a)	Subsector and Industry	Total	Net Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)
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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.