

Table 3.2 Fuel Consumption, 2006:

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	1,186	251	26	16	635	3	147	1	107
3112	Grain and Oilseed Milling	317	53	2	1	118	*	114	0	30
311221	Wet Corn Milling	179	23	*	*	52	*	95	0	9
31131	Sugar Manufacturing	82	3	9	1	18	*	31	1	20
3114	Fruit and Vegetable Preserving and Specialty Food	169	33	2	1	126	1	1	0	4
3115	Dairy Product	121	34	1	1	83	*	*	0	1
3116	Animal Slaughtering and Processing	227	60	3	5	145	1	0	0	13
312	Beverage and Tobacco Products	109	30	3	1	41	1	20	0	13
3121	Beverages	97	26	2	1	38	1	16	0	13
3122	Tobacco	12	4	1	*	3	*	4	0	*
313	Textile Mills	178	66	2	*	65	*	32	0	12
314	Textile Product Mills	72	20	Q	*	46 ^R	1 ^R	3	0	*
315	Apparel	14	7	*	*	7	*	0	0	*
316	Leather and Allied Products	3	1	*	*	1	*	0	0	*
321	Wood Products	445	91	4	15	86	5	Q	Q	228
321113	Sawmills	138	23	*	8	12	*	0	0	94
3212	Veneer, Plywood, and Engineered Woods	169	34	*	1	45	3	2	0	84
3219	Other Wood Products	129	33	*	5	28	1	Q	Q	Q
322	Paper	2,354 ^R	251 ^R	91	13	474	5	221	0	1,303
322110	Pulp Mills	200	6	11	4	13	*	6	0	160
322121	Paper Mills, except Newsprint	939	78	47	2	174	1	122	0	515
322122	Newsprint Mills	72	32	2	*	8	*	14	0	15
322130	Paperboard Mills	827 ^R	75 ^R	29	6	142	*	73	0	502
323	Printing and Related Support	85	45	*	*	39	1	0	0	*
324	Petroleum and Coal Products	3,396 ^R	137	58	25	849	29	53	*	2,246 ^R
324110	Petroleum Refineries	3,230 ^R	127	52	8	789 ^R	28	1	0	2,226 ^R
324199	Other Petroleum and Coal Products	72	*	0	*	3	*	52	*	17
325	Chemicals	3,195 ^R	517	23	9	1,394 ^R	7	167	*	1,077 ^R
325110	Petrochemicals	16	757 ^R	5	1	110	*	0	0	625 ^R
325120	Industrial Gases	87	71	0	*	14	*	0	0	3
325181	Alkalies and Chlorine	153	21	0	*	106	*	16	0	9
325182	Carbon Black	15 ^R	2	*	*	11 ^R	*	0	0	2
325188	Other Basic Inorganic Chemicals	189	82	9	1	54	*	23	0	21
325192	Cyclic Crudes and Intermediates	37	9	1	*	16	*	0	0	12
325193	Ethyl Alcohol	110	9	0	*	82	*	19	0	*
325199	Other Basic Organic Chemicals	647	73	2	2	306	*	54	0	209
325211	Plastics Materials and Resins	559	65	*	1	333	6	11	*	143
325212	Synthetic Rubber	44	6	*	*	26	*	6	0	6
325222	Noncellulosic Organic Fibers	82	17	3	*	34	*	9	0	21
325311	Nitrogenous Fertilizers	128	8	0	*	117	*	0	0	3
325312	Phosphatic Fertilizers	19	5	*	1	11	*	2	0	*
3254	Pharmaceuticals and Medicines	92 ^R	31	1	1	46	*	6	0	5 ^R
325412	Pharmaceutical Preparation	64	22	1	1	31	*	5	0	4
325992	Photographic Film, Paper, Plate, and Chemicals	28	4	*	*	7	*	16	0	Q
326	Plastics and Rubber Products	336 ^R	182	9	3	127	5	Q	0	*
327	Nonmetallic Mineral Products	1,105 ^R	147	3	30	459 ^R	5	320	11	130
327211	Flat Glass	61	6	1	*	52	*	0	0	1
327212	Other Pressed and Blown Glass and Glassware	91	17	0	*	Q	*	0	0	9
327213	Glass Containers	64	13	0	*	50	*	0	0	*
327215	Glass Products from Purchased Glass	65 ^R	13	0	*	52 ^R	*	*	0	*
327310	Cements	382	41	1	3	20	*	235	5	77
327410	Lime	116	5	*	1	5	*	78	4	22
327420	Gypsum	86	6	*	1	76	*	0	0	2
327993	Mineral Wool	51	14	0	*	34	*	0	3	*
331	Primary Metals	1,744 ^R	458	19	6	585 ^R	4	21	359	292
331111	Iron and Steel Mills	1,147 ^R	175	19	3	326 ^R	*	14	344	265
331112	Electrometallurgical Ferroalloy Products	17	11	0	*	1	*	2	*	3
3312	Steel Products from Purchased Steel	43	15	0	*	26	*	*	0	2
3313	Alumina and Aluminum	273	152	*	1	116	1	*	0	3
331314	Secondary Smelting and Alloying of Aluminum	21	2	*	*	18	*	*	0	*
331315	Aluminum Sheet, Plate and Foils	52	13	0	*	37	*	0	0	2
331316	Aluminum Extruded Products	25	7	*	*	17	1	0	0	*
3314	Nonferrous Metals, except Aluminum	107 ^R	49	*	1	43 ^R	1	4	3	6

Table 3.2 Fuel Consumption, 2006:

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)
3315	Foundries	158	57	*	1	72	1	0	12	14
331511	Iron Foundries	80	29	*	1	24	*	0	12	14
331521	Aluminum Die-Casting Foundries	22	7	0	*	15	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	17	4	*	*	13	*	0	0	*
332	Fabricated Metal Products	397	143	*	2	240	4	0	Q	Q
333	Machinery	204	111	Q	2	84	3	1	0	2
334	Computer and Electronic Products	141	94	*	1	45	*	0	0	1
334413	Semiconductors and Related Devices	63	43	*	*	19	*	0	0	1
335	Electrical Equip., Appliances, and Components	87	44	0	Q	41	1	0	0	Q
336	Transportation Equipment	479	195	7	3	249	4	5	Q	16
336111	Automobiles	39	13	*	*	21	*	2	0	2
336112	Light Trucks and Utility Vehicles	43	15	*	*	25	*	1	0	1
3364	Aerospace Product and Parts	77	39	3	1	30	*	*	0	3
336411	Aircraft	20	12	*	*	8	*	0	0	*
337	Furniture and Related Products	60	32	*	Q	17	1	3	0	7
339	Miscellaneous	66	33	Q	*	25	1	0	0	Q
	Total	15,657 ^R	2,851 ^R	251	129	5,512 ^R	79	1,016	374	5,445 ^R
Northeast Census Region										
311	Food	59	19	3	3	33	*	0	0	Q
3112	Grain and Oilseed Milling	4	2	*	*	2	*	0	0	*
311221	Wet Corn Milling	*	*	*	*	0	0	0	0	*
31131	Sugar Manufacturing	3	*	0	*	3	*	0	0	*
3114	Fruit and Vegetable Preserving and Specialty Food	7	2	1	*	3	*	0	0	Q
3115	Dairy Product	13	4	*	1	8	*	0	0	*
3116	Animal Slaughtering and Processing	4	2	0	*	2	*	0	0	*
312	Beverage and Tobacco Products	13	4	1	*	6	*	0	0	1
3121	Beverages	12	4	1	*	6	*	0	0	1
3122	Tobacco	1	*	*	*	*	*	0	0	*
313	Textile Mills	14	5	2	*	7	*	0	0	*
314	Textile Product Mills	4	2	0	*	1	*	Q	0	0
315	Apparel	1	*	0	*	*	*	0	0	0
316	Leather and Allied Products	1	1	*	*	*	*	0	0	0
321	Wood Products	25	6	*	1	6	*	0	0	11
321113	Sawmills	9	2	*	1	Q	*	0	0	5
3212	Veneer, Plywood, and Engineered Woods	8	2	0	*	3	*	0	0	2
3219	Other Wood Products	8	2	0	*	2	*	0	0	4
322	Paper	213 ^R	22 ^R	27	1	65	2	15	0	82
322110	Pulp Mills	11	*	2	*	*	*	0	0	9
322121	Paper Mills, except Newsprint	147	7	20	1	40	*	14	0	65
322122	Newsprint Mills	4	2	2	*	0	*	0	0	*
322130	Paperboard Mills	21 ^R	4 ^R	2	*	10	*	0	0	4
323	Printing and Related Support	13	7	*	*	6	*	0	0	*
324	Petroleum and Coal Products	249	13	11	7	46	6	2	*	163
324110	Petroleum Refineries	222	10	7	1	38	6	1	0	159
324199	Other Petroleum and Coal Products	7	1	0	*	*	*	2	*	4
325	Chemicals	142	38	10	2	65	*	16	0	11
325110	Petrochemicals	*	*	0	*	*	*	0	0	0
325120	Industrial Gases	11	7	0	0	1	*	0	0	2
325181	Alkalies and Chlorine	6	6	0	*	1	*	0	0	*
325182	Carbon Black	0	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	11	3	5	*	2	*	0	0	*
325192	Cyclic Crudes and Intermediates	6	1	0	*	4	*	0	0	1
325193	Ethyl Alcohol	*	*	0	0	*	*	0	0	0
325199	Other Basic Organic Chemicals	10	2	*	*	5	*	0	0	2
325211	Plastics Materials and Resins	15	4	*	Q	7	*	0	0	2
325212	Synthetic Rubber	1	*	0	*	*	*	0	0	*
325222	Noncellulosic Organic Fibers	*	*	*	*	*	*	0	0	0
325311	Nitrogenous Fertilizers	1	*	0	0	1	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	39	10	1	1	25	*	0	0	2
325412	Pharmaceutical Preparation	30	7	1	1	20	*	0	0	2
325992	Photographic Film, Paper, Plate, and Chemicals	20	1	*	*	3	*	16	0	*
326	Plastics and Rubber Products	49	23	Q	Q	21	Q	0	0	*
327	Nonmetallic Mineral Products	141 ^R	18	1	4	58 ^R	*	39	1	19

Table 3.2 Fuel Consumption, 2006:

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)
327211	Flat Glass	11	1	0	*	10	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	15	1	0	*	4	*	0	0	9
327213	Glass Containers	13	3	0	*	10	*	0	0	*
327215	Glass Products from Purchased Glass	3 ^R	1	0	*	1 ^R	*	0	0	*
327310	Cements	44	5	1	*	*	*	32	1	5
327410	Lime	4	*	*	*	0	*	3	0	*
327420	Gypsum	10	1	*	*	9	*	0	0	*
327993	Mineral Wool	7	1	0	*	6	*	0	*	*
331	Primary Metals	226	58	*	1	82	1	3	27	54
331111	Iron and Steel Mills	153	26	0	*	49	*	0	26	51
331112	Electrometallurgical Ferroalloy Products	0	0	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	10	2	0	*	7	*	0	0	1
3313	Alumina and Aluminum	32	18	*	*	13	*	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	1	*	*	*	*	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	8	2	0	*	5	*	0	0	*
331316	Aluminum Extruded Products	5	1	*	*	4	*	0	0	*
3314	Nonferrous Metals, except Aluminum	20	7	*	*	8	*	3	1	1
3315	Foundries	11	4	*	*	6	*	0	1	*
331511	Iron Foundries	4	2	*	*	2	*	0	1	*
331521	Aluminum Die-Casting Foundries	2	*	0	*	2	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	1	*	*	*	1	*	0	0	*
332	Fabricated Metal Products	53	18	*	*	29	*	0	Q	Q
333	Machinery	Q	17	Q	*	Q	*	0	0	*
334	Computer and Electronic Products	27	17	*	*	9	*	0	0	*
334413	Semiconductors and Related Devices	12	7	*	*	4	*	0	0	*
335	Electrical Equip., Appliances, and Components	9	5	0	*	3	*	0	0	*
336	Transportation Equipment	64	23	3	*	Q	*	0	0	Q
336111	Automobiles	*	*	0	0	*	*	0	0	0
336112	Light Trucks and Utility Vehicles	*	*	0	*	0	0	0	0	0
3364	Aerospace Product and Parts	11	4	3	*	5	*	0	0	*
336411	Aircraft	1	1	0	*	*	*	0	0	*
337	Furniture and Related Products	5	2	*	*	2	*	0	0	Q
339	Miscellaneous	23	9	Q	*	6	*	0	0	Q
	Total	1,365 ^R	306 ^R	64	24	494 ^R	13	76	30	359
Midwest Census Region										
311	Food	567	105	11	2	297	1	119	*	30
3112	Grain and Oilseed Milling	256	39	1	1	91	*	103	0	21
311221	Wet Corn Milling	160	20	0	*	49	*	88	0	3
31131	Sugar Manufacturing	23	2	1	*	5	*	14	*	*
3114	Fruit and Vegetable Preserving and Specialty Food	Q	10	1	*	Q	*	1	0	*
3115	Dairy Product	45	13	Q	*	30	*	0	0	1
3116	Animal Slaughtering and Processing	112	23	2	1	79	*	0	0	Q
312	Beverage and Tobacco Products	20	5	1	*	8	*	5	0	1
3121	Beverages	20	5	1	*	8	*	5	0	1
3122	Tobacco	*	*	0	*	*	*	0	0	*
313	Textile Mills	Q	*	0	0	*	*	0	0	0
314	Textile Product Mills	Q	Q	0	0	*	*	0	0	0
315	Apparel	*	*	0	0	*	0	0	0	0
316	Leather and Allied Products	1	*	0	0	1	*	0	0	*
321	Wood Products	127	26	*	4	39	Q	Q	Q	Q
321113	Sawmills	7	1	0	1	1	*	0	0	4
3212	Veneer, Plywood, and Engineered Woods	27	4	*	*	16	Q	1	0	4
3219	Other Wood Products	92	20	*	Q	Q	*	Q	Q	Q
322	Paper	284	51	6	1	76	1	63	0	87
322110	Pulp Mills	W	W	0	*	*	*	0	0	*
322121	Paper Mills, except Newsprint	188	25	5	*	37	*	47	0	74
322122	Newsprint Mills	4	2	0	*	*	*	0	0	2
322130	Paperboard Mills	43	8	1	*	12	*	12	0	9
323	Printing and Related Support	30	18	0	*	12	*	0	0	*
324	Petroleum and Coal Products	549	31	2	1	108	3	51	0	354
324110	Petroleum Refineries	474	27	1	1	87	3	*	0	355
324199	Other Petroleum and Coal Products	50	*	0	*	1	*	51	0	-1
325	Chemicals	438 ^R	141	1	1	202	5	49	*	41 ^R
325110	Petrochemicals	3	1	0	*	2	0	0	0	*
325120	Industrial Gases	26	25	0	0	1	*	0	0	*

Table 3.2 Fuel Consumption, 2006:

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)
325181	Alkalies and Chlorine	1	1	0	*	*	*	0	0	*
325182	Carbon Black	1	*	0	*	*	*	0	0	1
325188	Other Basic Inorganic Chemicals	18	4	*	*	11	*	1	0	2
325192	Cyclic Crudes and Intermediates	9	1	1	*	1	*	0	0	7
325193	Ethyl Alcohol	107	9	0	*	80	*	19	0	-1
325199	Other Basic Organic Chemicals	63	14	0	*	30	*	11	0	9
325211	Plastics Materials and Resins	54	12	0	*	20	4	6	*	12
325212	Synthetic Rubber	5	1	0	*	1	*	3	0	*
325222	Noncellulosic Organic Fibers	*	*	0	0	*	0	0	0	0
325311	Nitrogenous Fertilizers	17	2	0	*	14	*	0	0	1
325312	Phosphatic Fertilizers	*	*	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	28 ^R	9	0	*	10	*	6	0	3 ^R
325412	Pharmaceutical Preparation	20	7	0	*	5	*	5	0	3
325992	Photographic Film, Paper, Plate, and Chemicals	1	1	0	*	*	*	0	0	0
326	Plastics and Rubber Products	129	79	0	*	49	1	0	0	*
327	Nonmetallic Mineral Products	315	44	0	Q	132	1	83	2	43
327211	Flat Glass	17	2	0	*	15	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	Q	Q	0	*	Q	*	0	0	*
327213	Glass Containers	15	3	0	*	12	*	0	0	*
327215	Glass Products from Purchased Glass	9	6	0	*	3	*	0	0	*
327310	Cements	105	11	0	1	10	*	49	0	34
327410	Lime	46	2	0	*	2	*	34	1	8
327420	Gypsum	15	1	0	*	13	*	0	0	*
327993	Mineral Wool	21	6	0	*	14	*	0	1	*
331	Primary Metals	994 ^R	160	15	3	287 ^R	1	13	300	215
331111	Iron and Steel Mills	770 ^R	70	15	2	189 ^R	*	11	291	193
331112	Electrometallurgical Ferroalloy Products	13	7	0	*	1	*	2	*	3
3312	Steel Products from Purchased Steel	21	7	0	*	13	*	*	0	*
3313	Alumina and Aluminum	53	25	0	*	27	*	0	0	1
331314	Secondary Smelting and Alloying of Aluminum	11	1	0	*	10	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	15	4	0	*	10	*	0	0	1
331316	Aluminum Extruded Products	8	3	0	*	5	*	0	0	*
3314	Nonferrous Metals, except Aluminum	37	17	0	*	13	1	0	2	4
3315	Foundries	100	34	0	*	44	*	0	7	14
331511	Iron Foundries	54	18	0	*	14	*	0	7	14
331521	Aluminum Die-Casting Foundries	15	5	0	*	10	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	11	2	0	*	9	*	0	0	*
332	Fabricated Metal Products	185	60	0	*	121	2	0	0	Q
333	Machinery	116	64	0	1	48	1	1	0	1
334	Computer and Electronic Products	24	14	0	*	10	*	0	0	*
334413	Semiconductors and Related Devices	3	2	0	0	1	*	0	0	*
335	Electrical Equip., Appliances, and Components	27	15	0	*	12	*	0	0	*
336	Transportation Equipment	277	101	Q	1	161	2	5	Q	5
336111	Automobiles	25	8	*	*	15	*	2	0	1
336112	Light Trucks and Utility Vehicles	27	8	0	*	16	*	1	0	1
3364	Aerospace Product and Parts	14	7	*	*	6	*	0	0	1
336411	Aircraft	5	3	0	*	2	*	0	0	*
337	Furniture and Related Products	23	10	0	*	10	*	1	0	Q
339	Miscellaneous	17	9	*	*	8	*	0	0	*
	Total	4,127 ^R	934	37	26	1,582 ^R	21	404	304	821 ^R
South Census Region										
311	Food	350	82	11	4	170	1	12	0	Q
3112	Grain and Oilseed Milling	49	10	*	*	20	*	10	0	8
311221	Wet Corn Milling	17	3	0	*	3	*	6	0	4
31131	Sugar Manufacturing	35	*	7	1	8	*	2	0	17
3114	Fruit and Vegetable Preserving and Specialty Food	29	8	*	Q	19	*	0	0	2
3115	Dairy Product	11	5	0	*	6	*	0	0	0
3116	Animal Slaughtering and Processing	88	29	1	2	50	1	0	0	Q
312	Beverage and Tobacco Products	48	14	1	*	17	*	7	0	8
3121	Beverages	36	10	1	*	15	*	3	0	8
3122	Tobacco	12	4	*	*	3	*	4	0	*
313	Textile Mills	160	60	*	*	55	*	32	0	12
314	Textile Product Mills	65	18	Q	*	Q	Q	Q	0	*
315	Apparel	12	6	*	*	7	*	0	0	*

Table 3.2 Fuel Consumption, 2006:

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)
316	Leather and Allied Products	*	*	0	0	*	*	0	0	0
321	Wood Products	198	41	Q	5	23	2	1	0	126
321113	Sawmills	59	12	*	2	2	*	0	0	42
3212	Veneer, Plywood, and Engineered Woods	117	21	*	1	18	1	1	0	75
3219	Other Wood Products	19	7	*	1	3	*	0	0	7
322	Paper	1,570	121	53	8	250	2	128	0	1,008
322110	Pulp Mills	W	4	9	4	W	*	6	0	142
322121	Paper Mills, except Newsprint	522	36	19	1	71	*	61	0	332
322122	Newsprint Mills	16	12	0	*	*	*	1	0	4
322130	Paperboard Mills	633	41	24	3	80	*	60	0	424
323	Printing and Related Support	37	17	0	*	20	*	0	0	*
324	Petroleum and Coal Products	1,824 ^R	71	37	8	505	7	0	0	1,195 ^R
324110	Petroleum Refineries	1,792 ^R	68	37	2	492 ^R	7	0	0	1,186 ^R
324199	Other Petroleum and Coal Products	11	1	0	*	1	*	0	0	9
325	Chemicals	2,512 ^R	307	13	6	1,085 ^R	2	80	0	1,019 ^R
325110	Petrochemicals	753 ^R	15	5	1	107	*	0	0	625 ^R
325120	Industrial Gases	44	32	0	*	11	*	0	0	1
325181	Alkalies and Chlorine	121	10	0	*	93	*	10	0	8
325182	Carbon Black	13 ^R	2	*	*	10 ^R	*	0	0	1
325188	Other Basic Inorganic Chemicals	121	65	3	1	30	*	6	0	16
325192	Cyclic Crudes and Intermediates	22	7	*	*	10	*	0	0	4
325193	Ethyl Alcohol	2	*	0	*	2	*	0	0	*
325199	Other Basic Organic Chemicals	570	57	1	2	270	*	43	0	197
325211	Plastics Materials and Resins	488	49	*	*	305	1	5	0	128
325212	Synthetic Rubber	39	5	*	*	25	*	3	0	5
325222	Noncellulosic Organic Fibers	82	16	3	*	34	*	9	0	21
325311	Nitrogenous Fertilizers	105	6	0	*	97	*	0	0	2
325312	Phosphatic Fertilizers	W	4	*	1	W	*	2	0	*
3254	Pharmaceuticals and Medicines	18	8	*	*	8	*	0	0	1
325412	Pharmaceutical Preparation	10	5	*	*	4	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	W	1	0	*	W	*	0	0	Q
326	Plastics and Rubber Products	140	67	8	Q	52	1	Q	0	*
327	Nonmetallic Mineral Products	467	62	*	9	212	Q	132	6	43
327211	Flat Glass	24	3	0	*	21	*	0	0	1
327212	Other Pressed and Blown Glass and Glassware	23	6	0	*	17	*	0	0	*
327213	Glass Containers	22	5	0	*	18	*	0	0	*
327215	Glass Products from Purchased Glass	52	4	0	*	Q	*	*	0	*
327310	Cements	144	15	*	2	6	*	99	2	20
327410	Lime	48	2	0	*	3	*	30	3	10
327420	Gypsum	35	3	0	*	32	*	0	0	*
327993	Mineral Wool	17	5	0	*	11	*	0	1	*
331	Primary Metals	433	200	4	2	170	1	5	31	20
331111	Iron and Steel Mills	192	68	4	1	70	*	4	27	18
331112	Electrometallurgical Ferroalloy Products	4	4	0	*	*	0	0	0	*
3312	Steel Products from Purchased Steel	11	5	0	*	5	*	0	0	*
3313	Alumina and Aluminum	165	95	0	*	69	1	*	0	1
331314	Secondary Smelting and Alloying of Aluminum	7	1	0	*	6	*	*	0	*
331315	Aluminum Sheet, Plate and Foils	26	6	0	*	20	*	0	0	*
331316	Aluminum Extruded Products	9	2	0	*	6	1	0	0	*
3314	Nonferrous Metals, except Aluminum	23	12	0	*	8	*	2	*	1
3315	Foundries	38	16	0	1	17	*	0	3	*
331511	Iron Foundries	20	9	0	*	7	*	0	3	*
331521	Aluminum Die-Casting Foundries	4	1	0	*	3	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	4	1	0	*	3	*	0	0	*
332	Fabricated Metal Products	124	48	*	1	73	2	0	0	*
333	Machinery	47	25	0	*	21	Q	0	0	*
334	Computer and Electronic Products	35	26	0	*	9	*	0	0	*
334413	Semiconductors and Related Devices	16	11	0	*	4	*	0	0	*
335	Electrical Equip., Appliances, and Components	46	22	0	*	24	*	0	0	*
336	Transportation Equipment	101	53	3	1	39	1	1	0	4
336111	Automobiles	12	5	*	*	5	*	*	0	1
336112	Light Trucks and Utility Vehicles	16	7	*	*	9	*	0	0	*
3364	Aerospace Product and Parts	26	14	*	*	9	*	*	0	2
336411	Aircraft	9	5	*	*	3	*	0	0	*
337	Furniture and Related Products	30	17	0	Q	4	*	Q	0	6
339	Miscellaneous	19	9	0	*	9	*	0	0	*
	Total	8,219 ^R	1,267	131	48	2,788 ^R	27	410	37	3,512

Table 3.2 Fuel Consumption, 2006:

**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)
West Census Region										
311	Food	210	45	1	7	135	1	15	*	6
3112	Grain and Oilseed Milling	8	2	0	*	5	*	0	0	1
311221	Wet Corn Milling	2	*	0	*	1	*	0	0	1
31131	Sugar Manufacturing	22	1	0	*	2	*	15	*	3
3114	Fruit and Vegetable Preserving and Specialty Food	63	13	1	*	47	*	0	0	1
3115	Dairy Product	52	13	0	*	39	*	0	0	*
3116	Animal Slaughtering and Processing	22	5	0	Q	15	*	0	0	*
312	Beverage and Tobacco Products	28	7	0	*	9	1	7	0	4
3121	Beverages	28	7	0	*	9	1	7	0	4
3122	Tobacco	0	0	0	0	0	0	0	0	0
313	Textile Mills	Q	*	0	0	Q	*	0	0	0
314	Textile Product Mills	2	*	0	0	1	*	*	0	0
315	Apparel	1	1	0	0	*	0	0	0	0
316	Leather and Allied Products	*	*	0	*	*	*	0	0	*
321	Wood Products	94	18	3	5	18	1	0	0	49
321113	Sawmills	64	8	*	4	Q	*	0	0	43
3212	Veneer, Plywood, and Engineered Woods	17	7	0	*	7	1	0	0	3
3219	Other Wood Products	10	3	*	*	2	*	0	0	4 ^h
322	Paper	287	54	5	3	84	1	14	0	125
322110	Pulp Mills	W	W	*	*	W	*	0	0	9
322121	Paper Mills, except Newsprint	83	9	3	*	26	*	0	0	44
322122	Newsprint Mills	47	17	*	*	8	*	13	0	9
322130	Paperboard Mills	129	21	1	2	39	*	1	0	64
323	Printing and Related Support	5	3	0	0	2	*	0	0	0
324	Petroleum and Coal Products	774	22	8	8	190	12	0	0	534
324110	Petroleum Refineries	742	21	7	5	171	12	0	0	526
324199	Other Petroleum and Coal Products	5	-1	0	*	*	*	0	0	6
325	Chemicals	103	32	*	*	41	*	23	0	6
325110	Petrochemicals	*	*	0	0	*	*	0	0	0
325120	Industrial Gases	7	7	0	0	*	0	0	0	0
325181	Alkalies and Chlorine	25	5	0	*	12	*	7	0	1
325182	Carbon Black	*	*	0	0	*	*	0	0	0
325188	Other Basic Inorganic Chemicals	39	10	*	*	10	*	16	0	2
325192	Cyclic Crudes and Intermediates	*	*	0	0	*	*	0	0	*
325193	Ethyl Alcohol	2	*	0	*	*	*	0	0	1
325199	Other Basic Organic Chemicals	4	1	0	*	2	*	0	0	1
325211	Plastics Materials and Resins	3	1	0	*	1	*	0	0	Q
325212	Synthetic Rubber	*	*	0	0	*	*	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	5	1	0	*	4	*	0	0	*
325312	Phosphatic Fertilizers	W	1	0	*	W	*	0	0	*
3254	Pharmaceuticals and Medicines	8	3	0	*	4	*	0	0	*
325412	Pharmaceutical Preparation	5	2	0	*	3	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	W	1	0	*	W	*	0	0	0
326	Plastics and Rubber Products	18	13	0	*	4	Q	0	0	*
327	Nonmetallic Mineral Products	182	22	2	Q	58	*	66	2	25
327211	Flat Glass	8	1	1	*	6	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	1	*	0	*	1	*	0	0	*
327213	Glass Containers	14	3	0	*	11	*	0	0	*
327215	Glass Products from Purchased Glass	1	1	0	*	*	*	0	0	*
327310	Cements	89	10	0	1	4	*	54	2	18
327410	Lime	18	1	*	*	*	*	12	0	4
327420	Gypsum	26	1	0	*	22	*	0	0	2
327993	Mineral Wool	5	2	0	*	3	*	0	0	*
331	Primary Metals	91	41	0	1	46	*	0	1	3
331111	Iron and Steel Mills	32	11	0	*	18	*	0	*	2
331112	Electrometallurgical Ferroalloy Products	*	*	0	*	*	*	0	0	*
3312	Steel Products from Purchased Steel	1	1	0	*	1	*	0	0	*
3313	Alumina and Aluminum	22	14	0	*	8	*	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	2	*	0	*	2	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	3	1	0	*	2	*	0	0	*
331316	Aluminum Extruded Products	4	1	0	*	3	*	0	0	*
3314	Nonferrous Metals, except Aluminum	26	12	0	*	14	*	0	0	*
3315	Foundries	9	3	0	*	5	*	0	1	*

Table 3.2 Fuel Consumption, 2006;

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)
331511	Iron Foundries	2	*	0	*	1	*	0	1	*
331521	Aluminum Die-Casting Foundries	1	*	0	0	*	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	1	*	0	*	1	*	0	0	*
332	Fabricated Metal Products	35	18	0	Q	16	*	0	0	*
333	Machinery	7	5	0	*	2	*	0	0	*
334	Computer and Electronic Products	54	36	0	*	17	*	0	0	1
334413	Semiconductors and Related Devices	32	22	0	*	9	*	0	0	1
335	Electrical Equip., Appliances, and Components	5	2	0	*	Q	*	0	0	*
336	Transportation Equipment	36	18	0	Q	17	*	0	0	*
336111	Automobiles	2	1	0	*	1	*	0	0	*
336112	Light Trucks and Utility Vehicles	*	*	0	0	*	0	0	0	0
3364	Aerospace Product and Parts	26	14	0	*	11	*	0	0	*
336411	Aircraft	6	3	0	*	2	*	0	0	*
337	Furniture and Related Products	2	2	0	0	1 ^R	*	0	0	*
339	Miscellaneous	7	6	0	*	2	*	0	0	*
	Total	1,945	344	18	32	649	19	126	3	754

(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.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

R=Revised estimates.

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 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: 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.