

**Table 6.1 Consumption Ratios of Fuel, 2006**  
**Level: National and Regional Data;**  
**Row: NAICS Codes; Column: Energy-Consumption Ratios**  
**Unit: Varies.**

NAICS Code(a)	Subsector and Industry	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
<b>Total United States</b>				
311	Food	879.8	5.0	2.2
3112	Grain and Oilseed Milling	6,416.6	17.5	5.7
311221	Wet Corn Milling	21,552.1	43.6	18.2
31131	Sugar Manufacturing	6,629.2	31.3	12.2
3114	Fruit and Vegetable Preserving and Specialty Food	1,075.3	5.5	2.8
3115	Dairy Products	956.3	4.3	1.3
3116	Animal Slaughtering and Processing	493.8	4.4	1.6
312	Beverage and Tobacco Product	852.9	1.4	0.9
3121	Beverages	892.2	2.4	1.1
3122	Tobacco	636.3	0.3	0.3
313	Textile Mills	880.2	8.6	4.1
314	Textile Product Mills	552.6	4.6	1.8
315	Apparel	73.9	1.0	0.5
316	Leather and Allied Product	100.1	1.1	0.6
321	Wood Products	881.1	10.4	4.0
321113	Sawmills	1,481.1	15.1	5.0
3212	Veneer, Plywood, and Engineered Wood	1,496.1	17.6	6.8
3219	Other Wood Products	447.8	5.6	2.5
322	Paper	5,885.7	28.9	13.7
322110	Pulp Mills	31,819.8	113.2	49.9
322121	Paper Mills, except Newsprint	12,263.6	35.3	19.6
322122	Newsprint Mills	17,250.1	40.8	20.9
322130	Paperboard Mills	20,470.2	64.4	32.3
323	Printing and Related Support	164.6	1.5	1.0
324	Petroleum and Coal Product	35,024.9	27.0	6.1
324110	Petroleum Refineries	54,782.0	29.2	6.3
324199	Other Petroleum and Coal Product	22,636.1	82.7	27.5
325	Chemicals	4,768.2	9.4	5.1
325110	Petrochemicals	103,258.2	29.8	12.4
325120	Industrial Gases	11,570.9	21.6	11.9
325181	Alkalies and Chlorine	32,214.4	61.9	32.0
325182	Carbon Black	10,563.9	25.0	10.1
325188	Other Basic Inorganic Chemical	4,428.2	16.8	9.5
325192	Cyclic Crudes and Intermediate	12,763.7	8.8	5.1
325193	Ethyl Alcohol	28,213.9	23.7	13.6
325199	Other Basic Organic Chemical	10,328.6	26.7	9.0
325211	Plastics Materials and Resins	11,821.0	24.9	7.6
325212	Synthetic Rubber	5,118.1	17.8	6.0
325222	Noncellulosic Organic Fibers	5,137.0	20.1	7.8
325311	Nitrogenous Fertilizers	51,960.0	131.1	38.2
325312	Phosphatic Fertilizers	3,387.7	15.3	3.7
3254	Pharmaceuticals and Medicine	412.1	0.7	0.5
325412	Pharmaceutical Preparation	447.9	0.6	0.5
325992	Photographic Film, Paper, Plate, and Chemical	951.1	3.8	2.4
326	Plastics and Rubber Product	414.9	3.7	1.7
327	Nonmetallic Mineral Product	2,758.7	17.5	9.7
327211	Flat Glass	6,151.1	34.5	18.7
327212	Other Pressed and Blown Glass and Glassware	4,827.5	39.5	24.1
327213	Glass Containers	4,489.3	24.3	14.1
327215	Glass Products from Purchased Glass	1,082.5	9.8	5.1
327310	Cements	21,483.0	52.5	34.0
327410	Lime	29,095.2	120.1	75.8
327420	Gypsum	7,390.7	18.7	11.0
327993	Mineral Wool	2,919.3	12.7	8.0
331	Primary Metals	4,052.3	20.0	7.5
331111	Iron and Steel Mills	13,113.0	37.7	14.2
331112	Electrometallurgical Ferroalloy Product	8,820.0	36.1	17.5

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3312	Steel Products from Purchased Steel	996.4	5.0	1.9
3313	Alumina and Aluminum	4,096.1	22.7	6.2
331314	Secondary Smelting and Alloying of Aluminum	3,044.5	16.1	2.7
331315	Aluminum Sheet, Plate and Foil	3,477.1	13.6	3.3
331316	Aluminum Extruded Products	831.4	8.6	2.5
3314	Nonferrous Metals, except Aluminum	1,631.4	6.7	2.1
3315	Foundries	956.2	8.0	4.5
331511	Iron Foundries	1,379.4	12.0	6.2
331521	Aluminum Die-Casting Foundries	1,073.3	9.8	4.9
331524	Aluminum Foundries, except Die-Casting	683.9	7.9	4.1
332	Fabricated Metal Products	302.5	2.6	1.3
333	Machinery	197.8	1.2	0.6
334	Computer and Electronic Products	161.9	0.7	0.4
334413	Semiconductors and Related Devices	490.8	1.2	0.9
335	Electrical Equipment, Appliances, and Components	246.2	1.8	0.8
336	Transportation Equipment	285.8	1.7	0.6
336111	Automobiles	512.4	1.5	0.4
336112	Light Trucks and Utility Vehicles	505.3	1.3	0.3
3364	Aerospace Product and Parts	160.3	0.9	0.4
336411	Aircraft	97.5	0.6	0.2
337	Furniture and Related Products	110.7	1.1	0.6
339	Miscellaneous	110.6	0.6	0.4
	Total	1,278.4	6.9	3.1

#### Northeast Census Region

311	Food	434.5	2.2	1.1
3112	Grain and Oilseed Milling	1,167.5	2.4	1.4
311221	Wet Corn Milling	2,231.1	26.8	6.8
31131	Sugar Manufacturing	5,367.2	40.5	9.3
3114	Fruit and Vegetable Preserving and Specialty Food	532.4	3.3	1.5
3115	Dairy Product	610.4	3.1	1.0
3116	Animal Slaughtering and Processing	251.2	2.7	0.9
312	Beverage and Tobacco Product	702.2	1.8	0.9
3121	Beverages	703.9	1.8	0.9
3122	Tobacco	675.4	1.9	1.6
313	Textile Mills	299.5	3.4	1.7
314	Textile Product Mills	391.0	4.9	2.3
315	Apparel	29.9	0.5	0.3
316	Leather and Allied Products	111.7	1.2	0.7
321	Wood Products	448.0	5.5	2.2
321113	Sawmills	791.7	8.2	3.0
3212	Veneer, Plywood, and Engineered Wood	917.2	13.0	5.7
3219	Other Wood Products	227.0	2.9	1.2
322	Paper	2,745.2	14.4	7.1
322110	Pulp Mills	22,082.2	100.2	37.2
322121	Paper Mills, except Newsprint	7,867.5	22.9	13.0
322122	Newsprint Mills	10,932.5	30.6	15.8
322130	Paperboard Mills	7,387.6	29.4	14.7
323	Printing and Related Support	154.5	1.5	0.9
324	Petroleum and Coal Products	18,115.0	41.7	5.3
324110	Petroleum Refineries	37,124.1	77.3	5.5
324199	Other Petroleum and Coal Products	9,199.5	38.3	16.5
325	Chemicals	941.2	2.2	1.4
325110	Petrochemicals	1,573.6	3.3	1.7
325120	Industrial Gases	7,429.9	14.0	10.9
325181	Alkalies and Chlorine	13,954.0	22.8	17.0
325182	Carbon Black	0.0	0.0	0.0
325188	Other Basic Inorganic Chemicals	3,288.5	11.9	6.1

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325192	Cyclic Crudes and Intermediates	11,015.9	5.0	4.5
325193	Ethyl Alcohol	169.7	0.2	0.1
325199	Other Basic Organic Chemicals	2,155.1	5.7	2.9
325211	Plastics Materials and Resins	2,182.5	10.0	3.2
325212	Synthetic Rubber	1,206.7	3.5	1.2
325222	Noncellulosic Organic Fibers	597.3	4.9	3.4
325311	Nitrogenous Fertilizers	9,548.0	42.5	18.5
325312	Phosphatic Fertilizers	0.0	0.0	0.0
3254	Pharmaceuticals and Medicines	450.1	0.8	0.6
325412	Pharmaceutical Preparations	510.6	0.8	0.5
325992	Photographic Film, Paper, Plate, and Chemical	960.0	3.9	2.7
326	Plastics and Rubber Products	523.5	5.1	2.3
327	Nonmetallic Mineral Products	2,497.2	16.8	9.7
327211	Flat Glass	7,878.4	33.8	19.6
327212	Other Pressed and Blown Glass and Glassware	3,515.2	23.2	16.8
327213	Glass Containers	3,845.2	25.6	14.0
327215	Glass Products from Purchased Glass	223.9	2.3	1.3
327310	Cements	23,141.5	62.7	37.6
327410	Lime	16,980.6	101.0	59.1
327420	Gypsum	8,032.6	17.7	10.7
327993	Mineral Wool	3,448.1	12.8	8.6
331	Primary Metals	3,069.2	12.3	5.4
331111	Iron and Steel Mills	8,217.1	18.6	9.4
331112	Electrometallurgical Ferroalloy Product	0.0	0.0	0.0
3312	Steel Products from Purchased Steel	1,271.5	4.5	2.5
3313	Alumina and Aluminum	4,077.2	26.6	5.1
331314	Secondary Smelting and Alloying of Aluminum	2,089.8	12.7	2.3
331315	Aluminum Sheet, Plate and Foil	3,807.5	31.3	2.5
331316	Aluminum Extruded Products	1,382.6	11.6	3.4
3314	Nonferrous Metals, except Aluminum	899.6	4.4	1.7
3315	Foundries	644.9	5.1	3.2
331511	Iron Foundries	788.9	6.5	3.5
331521	Aluminum Die-Casting Foundries	1,339.0	12.8	6.1
331524	Aluminum Foundries, except Die-Casting	326.8	4.1	2.6
332	Fabricated Metal Products	272.7	2.5	1.4
333	Machinery	182.7	1.3	0.7
334	Computer and Electronic Products	136.6	0.8	0.5
334413	Semiconductors and Related Devices	407.3	1.7	1.1
335	Electrical Equipment, Appliances, and Components	161.3	1.3	0.7
336	Transportation Equipment	375.6	2.5	0.9
336111	Automobiles	117.5	0.5	0.1
336112	Light Trucks and Utility Vehicles	25.8	0.3	0.2
3364	Aerospace Product and Parts	210.0	1.0	0.6
336411	Aircraft	39.8	0.1	0.1
337	Furniture and Related Products	88.1	0.8	0.5
339	Miscellaneous	155.7	1.1	0.7
	Total	730.6	4.3	2.1

#### Midwest Census Region

311	Food	1,215.0	7.4	2.8
3112	Grain and Oilseed Milling	8,255.4	21.5	6.7
311221	Wet Corn Milling	22,128.2	43.0	18.4
31131	Sugar Manufacturing	5,604.8	26.5	11.7
3114	Fruit and Vegetable Preserving and Specialty Food	1,386.5	7.8	3.8
3115	Dairy Product	810.6	4.0	1.3
3116	Animal Slaughtering and Processing	649.1	6.4	1.7
312	Beverage and Tobacco Product	969.6	2.1	1.0
3121	Beverages	982.7	2.3	1.1

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3122	Tobacco	353.3	0.2	0.1
313	Textile Mills	Q	Q	Q
314	Textile Product Mills	107.5	1.3	0.5
315	Apparel	55.6	0.6	0.4
316	Leather and Allied Products	149.9	1.4	0.7
321	Wood Products	1,059.5	12.7	5.4
321113	Sawmills	808.4	7.3	3.0
3212	Veneer, Plywood, and Engineered Wood	1,010.4	13.6	6.0
3219	Other Wood Products	1,127.8	13.7	6.2
322	Paper	2,436.0	14.1	6.6
322110	Pulp Mills	5,287.8	11.5	5.7
322121	Paper Mills, except Newsprint	8,294.0	25.7	14.1
322122	Newsprint Mills	10,097.2	27.4	15.2
322130	Paperboard Mills	8,909.9	32.6	18.0
323	Printing and Related Support	161.2	1.6	1.0
324	Petroleum and Coal Products	26,618.9	29.2	6.1
324110	Petroleum Refineries	50,947.3	33.1	6.1
324199	Other Petroleum and Coal Products	139,432.1	577.3	89.0
325	Chemicals	2,967.2	5.3	3.1
325110	Petrochemicals	8,983.0	22.5	8.4
325120	Industrial Gases	19,511.6	32.9	21.2
325181	Alkalies and Chlorine	3,299.9	12.6	4.2
325182	Carbon Black	9,248.5	17.8	9.7
325188	Other Basic Inorganic Chemicals	2,602.9	7.2	4.5
325192	Cyclic Crudes and Intermediates	33,596.5	37.9	15.2
325193	Ethyl Alcohol	29,745.6	23.9	13.9
325199	Other Basic Organic Chemicals	4,861.9	17.1	7.3
325211	Plastics Materials and Resins	5,790.0	10.0	4.6
325212	Synthetic Rubber	3,370.5	11.8	4.3
325222	Noncellulosic Organic Fibers	48,725.2	-117.0	1,412.3
325311	Nitrogenous Fertilizers	45,977.8	64.5	32.0
325312	Phosphatic Fertilizers	72.4	0.1	0.1
3254	Pharmaceuticals and Medicines	727.9	1.2	0.9
325412	Pharmaceutical Preparations	807.9	1.1	0.9
325992	Photographic Film, Paper, Plate, and Chemical	645.2	2.2	1.1
326	Plastics and Rubber Products	327.7	2.9	1.4
327	Nonmetallic Mineral Products	3,064.4	20.2	11.4
327211	Flat Glass	7,308.3	43.5	22.9
327212	Other Pressed and Blown Glass and Glassware	8,907.4	100.7	59.0
327213	Glass Containers	4,458.7	23.2	14.0
327215	Glass Products from Purchased Glass	407.7	3.5	1.8
327310	Cements	19,810.6	51.2	33.5
327410	Lime	32,262.0	119.6	75.3
327420	Gypsum	5,531.0	18.3	10.2
327993	Mineral Wool	3,441.4	15.2	9.5
331	Primary Metals	5,242.5	30.9	11.0
331111	Iron and Steel Mills	19,149.4	74.6	21.7
331112	Electrometallurgical Ferroalloy Products	8,772.5	32.7	16.8
3312	Steel Products from Purchased Steel	1,130.5	5.7	2.1
3313	Alumina and Aluminum	2,256.9	14.7	4.2
331314	Secondary Smelting and Alloying of Aluminum	4,594.6	18.8	4.1
331315	Aluminum Sheet, Plate and Foil	2,998.7	15.0	3.4
331316	Aluminum Extruded Products	588.2	5.8	2.1
3314	Nonferrous Metals, except Aluminum	2,575.8	9.7	3.1
3315	Foundries	1,088.8	9.6	5.1
331511	Iron Foundries	1,552.3	13.6	7.0
331521	Aluminum Die-Casting Foundries	1,227.9	11.1	5.4
331524	Aluminum Foundries, except Die-Casting	795.9	9.5	4.5
332	Fabricated Metal Products	352.3	3.0	1.5
333	Machinery	264.3	1.6	0.8

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334	Computer and Electronic Products	195.0	1.3	0.8
334413	Semiconductors and Related Devices	417.6	3.0	1.9
335	Electrical Equip., Appliances, and Component	222.9	1.4	0.8
336	Transportation Equipment	378.7	2.2	0.8
336111	Automobiles	560.4	1.5	0.4
336112	Light Trucks and Utility Vehicles	510.5	1.3	0.3
3364	Aerospace Product and Parts	155.1	0.9	0.4
336411	Aircraft	119.9	1.0	0.3
337	Furniture and Related Products	122.4	0.9	0.5
339	Miscellaneous	115.2	0.7	0.4
	Total	1,012.7	6.1	2.7
<b>South Census Region</b>				
311	Food	734.4	4.0	2.0
3112	Grain and Oilseed Milling	4,717.0	16.7	4.8
311221	Wet Corn Milling	22,088.5	54.6	18.2
31131	Sugar Manufacturing	8,507.3	37.9	12.7
3114	Fruit and Vegetable Preserving and Specialty Food	836.4	3.4	1.8
3115	Dairy Product	537.3	2.4	1.0
3116	Animal Slaughtering and Processing	362.4	3.1	1.5
312	Beverage and Tobacco Product	923.3	1.0	0.7
3121	Beverages	1,075.4	2.7	1.3
3122	Tobacco	640.9	0.3	0.3
313	Textile Mills	1,213.9	10.6	5.0
314	Textile Product Mills	638.3	5.0	1.9
315	Apparel	106.8	1.5	0.7
316	Leather and Allied Products	75.7	1.3	0.7
321	Wood Products	933.5	10.6	4.1
321113	Sawmills	1,321.2	14.5	4.9
3212	Veneer, Plywood, and Engineered Wood	2,230.6	23.9	9.4
3219	Other Wood Products	171.0	2.1	0.9
322	Paper	10,225.5	43.4	21.1
322110	Pulp Mills	32,956.9	118.2	52.0
322121	Paper Mills, except Newsprint	18,687.7	53.5	29.5
322122	Newsprint Mills	15,093.0	25.6	16.2
322130	Paperboard Mills	24,472.0	69.9	35.6
323	Printing and Related Support	221.8	1.8	1.2
324	Petroleum and Coal Products	45,400.6	26.6	6.1
324110	Petroleum Refineries	60,642.6	28.3	6.3
324199	Other Petroleum and Coal Products	5,554.3	20.6	7.7
325	Chemicals	8,876.1	17.0	7.4
325110	Petrochemicals	112,417.4	30.0	12.4
325120	Industrial Gases	10,819.8	19.9	9.4
325181	Alkalies and Chlorine	38,032.0	73.0	35.1
325182	Carbon Black	10,795.7	26.1	10.2
325188	Other Basic Inorganic Chemicals	4,467.2	18.2	10.0
325192	Cyclic Crudes and Intermediates	10,749.5	7.8	4.1
325193	Ethyl Alcohol	17,057.2	46.8	24.8
325199	Other Basic Organic Chemicals	13,374.0	31.1	9.7
325211	Plastics Materials and Resins	16,847.3	32.7	8.8
325212	Synthetic Rubber	6,534.3	21.3	6.9
325222	Noncellulosic Organic Fibers	5,339.4	20.3	7.9
325311	Nitrogenous Fertilizers	67,787.6	181.6	43.8
325312	Phosphatic Fertilizers	3,308.7	16.5	3.5
3254	Pharmaceuticals and Medicines	401.3	0.6	0.4
325412	Pharmaceutical Preparation	316.3	0.4	0.3
325992	Photographic Film, Paper, Plate, and Chemical	1,229.6	4.8	2.4
326	Plastics and Rubber Products	586.5	5.0	2.1

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327	Nonmetallic Mineral Products	2,695.5	16.8	9.1
327211	Flat Glass	4,865.0	27.6	15.3
327212	Other Pressed and Blown Glass and Glassware	3,090.4	22.6	13.4
327213	Glass Containers	5,149.9	27.7	15.7
327215	Glass Products from Purchased Glass	3,124.8	24.7	12.9
327310	Cements	25,661.3	58.0	39.5
327410	Lime	25,057.5	110.2	70.0
327420	Gypsum	6,751.7	15.2	9.3
327993	Mineral Wool	2,451.0	11.0	6.8
331	Primary Metals	3,743.3	17.6	5.7
331111	Iron and Steel Mills	8,601.5	21.4	8.3
331112	Electrometallurgical Ferroalloy Product	12,006.8	132.2	26.7
3312	Steel Products from Purchased Steel	788.7	4.5	1.5
3313	Alumina and Aluminum	5,882.8	26.2	7.7
331314	Secondary Smelting and Alloying of Aluminum	2,397.1	13.9	1.8
331315	Aluminum Sheet, Plate and Foil	3,737.5	11.1	3.4
331316	Aluminum Extruded Products	911.0	11.0	2.6
3314	Nonferrous Metals, except Aluminum	1,558.3	8.5	1.5
3315	Foundries	1,053.4	9.0	4.8
331511	Iron Foundries	1,211.1	10.7	5.5
331521	Aluminum Die-Casting Foundries	757.7	6.9	3.5
331524	Aluminum Foundries, except Die-Casting	891.4	9.5	4.9
332	Fabricated Metal Products	288.4	2.3	1.2
333	Machinery	143.3	0.8	0.4
334	Computer and Electronic Products	151.1	0.6	0.3
334413	Semiconductors and Related Devices	533.0	1.5	1.1
335	Electrical Equip., Appliances, and Component	313.6	2.5	1.0
336	Transportation Equipment	212.8	1.3	0.5
336111	Automobiles	430.4	1.4	0.4
336112	Light Trucks and Utility Vehicles	497.9	1.3	0.3
3364	Aerospace Product and Parts	197.5	1.8	0.7
336411	Aircraft	124.3	1.6	0.5
337	Furniture and Related Products	126.2	1.7	0.9
339	Miscellaneous	152.6	0.8	0.6
	Total	1,938.2	9.6	4.1

#### West Census Region

311	Food	780.2	4.4	1.9
3112	Grain and Oilseed Milling	1,700.2	4.8	2.1
311221	Wet Corn Milling	9,555.7	27.9	11.6
31131	Sugar Manufacturing	5,861.4	28.0	12.4
3114	Fruit and Vegetable Preserving and Specialty Food	1,081.3	5.7	3.0
3115	Dairy Product	1,768.4	6.2	1.7
3116	Animal Slaughtering and Processing	847.7	6.2	2.0
312	Beverage and Tobacco Product	761.8	2.5	1.1
3121	Beverages	761.8	2.5	1.1
3122	Tobacco	0.0	0.0	0.0
313	Textile Mills	Q	Q	Q
314	Textile Product Mills	177.1	1.6	0.6
315	Apparel	17.8	0.2	0.1
316	Leather and Allied Products	26.4	0.2	0.1
321	Wood Products	811.7	9.8	3.4
321113	Sawmills	2,194.0	20.6	6.1
3212	Veneer, Plywood, and Engineered Wood	686.3	8.3	2.7
3219	Other Wood Products	158.2	2.3	0.9
322	Paper	5,505.3	27.5	12.0
322110	Pulp Mills	51,051.8	166.4	90.0
322121	Paper Mills, except Newsprint	11,273.0	26.5	15.1

**Table 6.1 Consumption Ratios of Fuel, 2006**  
**Level: National and Regional Data;**  
**Row: NAICS Codes; Column: Energy-Consumption Ratios**  
**Unit: Varies.**

NAICS Code(a)	Subsector and Industry	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
322122	Newsprint Mills	20,462.3	56.2	24.8
322130	Paperboard Mills	18,978.2	74.4	32.7
323	Printing and Related Support	61.0	0.6	0.5
324	Petroleum and Coal Products	34,546.9	23.8	6.6
324110	Petroleum Refineries	52,530.9	24.7	6.7
324199	Other Petroleum and Coal Products	25,005.8	50.9	17.4
325	Chemicals	1,162.2	2.5	1.8
325110	Petrochemicals	607.5	1.1	0.6
325120	Industrial Gases	9,492.2	23.0	14.2
325181	Alkalies and Chlorine	30,084.0	53.8	33.3
325182	Carbon Black	92.0	0.8	0.5
325188	Other Basic Inorganic Chemicals	7,273.8	31.8	18.8
325192	Cyclic Crudes and Intermediates	1,753.8	4.9	1.7
325193	Ethyl Alcohol	10,076.8	17.0	6.0
325199	Other Basic Organic Chemicals	1,600.4	7.8	3.4
325211	Plastics Materials and Resins	1,219.3	4.3	1.2
325212	Synthetic Rubber	96.2	0.7	0.4
325222	Noncellulosic Organic Fibers	0.0	0.0	0.0
325311	Nitrogenous Fertilizers	11,306.6	45.3	13.1
325312	Phosphatic Fertilizers	3,791.5	12.6	5.3
3254	Pharmaceuticals and Medicines	140.3	0.3	0.2
325412	Pharmaceutical Preparations	162.7	0.3	0.2
325992	Photographic Film, Paper, Plate, and Chemical	791.3	3.2	1.6
326	Plastics and Rubber Products	214.1	2.1	1.0
327	Nonmetallic Mineral Products	2,675.5	15.8	8.8
327211	Flat Glass	7,373.1	51.4	24.1
327212	Other Pressed and Blown Glass and Glassware	1,151.3	12.9	5.4
327213	Glass Containers	4,297.5	20.5	12.1
327215	Glass Products from Purchased Glass	130.4	1.5	0.8
327310	Cements	17,909.6	43.7	27.2
327410	Lime	43,281.9	168.8	106.9
327420	Gypsum	10,385.2	28.7	16.0
327993	Mineral Wool	2,413.5	10.9	6.9
331	Primary Metals	1,771.1	7.5	3.6
331111	Iron and Steel Mills	5,034.6	10.9	5.2
331112	Electrometallurgical Ferroalloy Product	294.4	0.8	0.8
3312	Steel Products from Purchased Steel	418.2	3.5	1.1
3313	Alumina and Aluminum	3,111.9	24.3	6.8
331314	Secondary Smelting and Alloying of Aluminum	1,634.3	13.3	2.8
331315	Aluminum Sheet, Plate and Foil	3,359.2	13.3	5.3
331316	Aluminum Extruded Products	937.1	9.2	2.5
3314	Nonferrous Metals, except Aluminum	1,894.7	5.4	2.6
3315	Foundries	452.1	3.1	2.2
331511	Iron Foundries	1,381.5	12.1	6.3
331521	Aluminum Die-Casting Foundries	514.5	5.0	2.9
331524	Aluminum Foundries, except Die-Casting	288.2	3.0	2.0
332	Fabricated Metal Products	214.8	1.8	0.9
333	Machinery	88.9	0.7	0.3
334	Computer and Electronic Products	172.9	0.7	0.4
334413	Semiconductors and Related Devices	517.7	1.0	0.8
335	Electrical Equipment, Appliances, and Components	170.9	1.1	0.6
336	Transportation Equipment	122.0	0.7	0.3
336111	Automobiles	549.6	2.0	0.5
336112	Light Trucks and Utility Vehicles	137.0	0.4	0.2
3364	Aerospace Products and Parts	125.4	0.6	0.3
336411	Aircraft	73.9	0.3	0.1
337	Furniture and Related Products	38.8	0.3	0.2
339	Miscellaneous	40.4	0.2	0.1
	Total	942.9	4.6	2.4

**Table 6.1 Consumption Ratios of Fuel, 2006**  
**Level: National and Regional Data;**  
**Row: NAICS Codes; Column: Energy-Consumption Ratios**  
**Unit: Varies.**

NAICS Code(a)	Subsector and Industry	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
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(a) The Bureau of the Census classifies establishments using the North America Industry Classification System (NAICS).

NF=No applicable RSE row/column factor

\* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishment:

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

NA=Not available

Notes: To obtain the RSE percentage for any table cell, multiply the cell corresponding RSE column and RSE row factors. Totals may not equal sum of components because of independent rounding.

Operating ratios were calculated using the estimates of fuel consumption reported in Table 3.2

Source: Energy Information Administration, Office of Energy Market and End Use, Energy Consumption Division, Form EIA-846, '2006 Manufacturing Energy Consumption Survey,' and the Bureau of the Census data files for the '2006 Annual Survey of Manufacturers'