

Table 6.1 Consumption Ratios of Fuel, 2002;
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)	RSE Row Factors
Total United States					
	RSE Column Factors:	1.1	0.9	1	
311	Food	867.8	6.0	2.6	5.9
311221	Wet Corn Milling	24,113.7	65.7	26.2	1.8
31131	Sugar	8,414.5	54.2	17.9	1
311421	Fruit and Vegetable Canning	824.1	5.4	2.5	10.6
312	Beverage and Tobacco Products	670.4	1.6	1.0	2.7
3121	Beverages	658.6	2.8	1.3	3.9
3122	Tobacco	729.4	0.6	0.5	1
313	Textile Mills	798.7	11.2	4.3	8
314	Textile Product Mills	345.3	4.7	1.6	10.3
315	Apparel	101.7	1.8	0.9	9.3
316	Leather and Allied Products	152.1	2.4	1.1	11.7
321	Wood Products	741.7	10.6	4.2	4.9
321113	Sawmills	1,383.0	20.3	6.5	3.6
3212	Veneer, Plywood, and Engineered Woods	1,574.9	19.1	7.2	12.8
3219	Other Wood Products	245.5	3.7	1.7	6.3
322	Paper	5,038.0	31.1	15.2	3.3
322110	Pulp Mills	24,711.6	116.6	56.0	1
322121	Paper Mills, except Newsprint	10,401.1	40.4	22.5	1.6
322122	Newsprint Mills	13,933.8	62.1	29.1	1
322130	Paperboard Mills	18,603.0	82.1	42.1	3.9
323	Printing and Related Support	152.6	1.8	1.1	5.6
324	Petroleum and Coal Products	31,369.9	91.3	15.0	3.3
324110	Petroleum Refineries	50,515.2	116.3	16.1	2.6
324199	Other Petroleum and Coal Products	10,950.9	59.8	17.5	3.1
325	Chemicals	4,824.6	15.3	8.5	3.3
325110	Petrochemicals	50,352.3	77.4	23.2	1
325120	Industrial Gases	21,565.2	44.1	28.4	11.6
325181	Alkalies and Chlorine	29,066.6	143.3	63.2	2.3
325182	Carbon Black	22,898.4	77.3	42.0	1
325188	Other Basic Inorganic Chemicals	4,156.1	21.4	11.7	4.9
325192	Cyclic Crudes and Intermediates	11,541.3	36.8	12.6	1
325193	Ethyl Alcohol	26,688.9	65.4	24.4	8.4
325199	Other Basic Organic Chemicals	13,358.7	66.8	22.8	11.4
325211	Plastics Materials and Resins	8,899.1	41.4	14.5	7.9
325212	Synthetic Rubber	4,584.0	16.7	8.0	21.3
325222	Noncellulosic Organic Fibers	3,026.0	19.1	8.4	1.3
325311	Nitrogenous Fertilizers	46,585.3	202.5	58.7	1
325312	Phosphatic Fertilizers	4,095.1	19.5	6.6	1
3254	Pharmaceuticals and Medicines	525.5	1.2	0.8	3.9
325412	Pharmaceutical Preparation	514.0	1.0	0.7	4.6
325992	Photographic Film, Paper, Plate, and Chemicals	804.1	2.7	2.2	13.1
326	Plastics and Rubber Products	375.5	3.9	2.1	4.6
327	Nonmetallic Mineral Products	2,434.9	20.7	11.7	5
3272	Glass and Glass Products	2,002.5	16.7	9.9	3.9
327211	Flat Glass	6,783.2	36.9	22.5	1
327213	Glass Containers	4,239.0	24.3	15.1	1
327310	Cements	24,086.5	95.5	56.0	3.2
327410	Lime	25,007.2	189.6	101.9	1
327993	Mineral Wool	2,400.9	18.0	10.8	9
331	Primary Metals	4,170.7	34.6	14.2	2
331111	Iron and Steel Mills	11,293.6	66.5	27.8	3.6
331112	Electrometallurgical Ferroalloy Products	5,583.6	46.1	14.3	2.1
3312	Steel Products from Purchased Steel	871.3	7.4	2.6	4.9

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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)	RSE Row Factors
3313	Alumina and Aluminum	4,496.8	34.3	12.2	5.1
331312	Primary Aluminum	16,159.7	112.3	38.5	2.3
3314	Nonferrous Metals, except Aluminum	1,373.1	12.0	4.1	6.3
3315	Foundries	866.3	10.3	5.6	2.6
331511	Iron Foundries	1,224.5	15.0	7.7	3.6
331521	Aluminum Die-Casting Foundries	814.2	9.5	4.7	7
331524	Aluminum Foundries, except Die-Casting	642.8	7.6	4.5	5.2
332	Fabricated Metal Products	258.4	3.0	1.7	6
333	Machinery	157.5	1.4	0.7	6.3
334	Computer and Electronic Products	141.1	0.9	0.5	7.3
334413	Semiconductors and Related Devices	387.7	1.3	1.0	4.1
335	Electrical Equip., Appliances, and Components	211.2	1.9	1.0	5.3
336	Transportation Equipment	278.6	1.8	0.7	3.9
336112	Light Trucks and Utility Vehicles	618.0	1.5	0.4	1
337	Furniture and Related Products	113.7	1.6	0.9	6
339	Miscellaneous	101.5	0.9	0.6	6
	Total	1,172.2	8.9	4.2	2

Northeast Census Region

RSE Column Factors:		1.1	1	0.9	
311	Food	497.0	3.0	1.6	11.3
311221	Wet Corn Milling	1,829.8	18.1	6.8	1
31131	Sugar	6,383.9	23.2	4.7	1
311421	Fruit and Vegetable Canning	720.7	3.9	2.0	13.4
312	Beverage and Tobacco Products	587.1	2.9	1.4	9.4
3121	Beverages	586.9	3.0	1.3	10.1
3122	Tobacco	591.5	1.8	1.5	1
313	Textile Mills	489.1	6.1	3.1	14
314	Textile Product Mills	175.2	2.8	1.1	15
315	Apparel	72.3	1.4	0.6	22
316	Leather and Allied Products	233.9	2.1	1.2	13
321	Wood Products	354.1	5.4	2.5	11.6
321113	Sawmills	670.2	10.9	4.1	8.3
3212	Veneer, Plywood, and Engineered Woods	775.3	12.0	5.9	27.2
3219	Other Wood Products	221.6	3.4	1.7	15.6
322	Paper	3,001.3	19.9	9.3	10.6
322110	Pulp Mills	2,990.2	23.7	7.5	38
322121	Paper Mills, except Newsprint	8,502.4	35.3	16.4	2.3
322122	Newsprint Mills	7,933.3	28.7	15.1	1
322130	Paperboard Mills	8,358.9	51.6	25.2	4.6
323	Printing and Related Support	152.8	1.7	1.1	11.7
324	Petroleum and Coal Products	15,783.3	53.0	10.0	4.1
324110	Petroleum Refineries	34,946.2	74.9	11.2	1.4
324199	Other Petroleum and Coal Products	4,226.8	41.6	7.9	1
325	Chemicals	840.4	2.2	1.6	5.2
325110	Petrochemicals	977.5	5.5	2.0	5.8
325120	Industrial Gases	4,552.7	16.3	11.7	1.6
325181	Alkalies and Chlorine	12,131.8	56.2	33.4	13.4
325182	Carbon Black	0.0	0.0	0.0	0
325188	Other Basic Inorganic Chemicals	2,127.1	11.8	5.2	5.5
325192	Cyclic Crudes and Intermediates	4,378.2	8.9	4.1	1
325193	Ethyl Alcohol	2,378.4	7.3	1.6	1
325199	Other Basic Organic Chemicals	2,151.7	9.0	4.4	6.9
325211	Plastics Materials and Resins	1,312.8	10.0	3.6	29
325212	Synthetic Rubber	1,179.3	3.9	1.9	1

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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)	RSE Row Factors
325222	Noncellulosic Organic Fibers	Q	Q	Q	0
325311	Nitrogenous Fertilizers	8,984.2	54.9	20.7	1
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0
3254	Pharmaceuticals and Medicines	486.2	0.9	0.7	7
325412	Pharmaceutical Preparation	428.0	0.7	0.5	7.6
325992	Photographic Film, Paper, Plate, and Chemicals	1,076.5	3.0	3.0	4.6
326	Plastics and Rubber Products	286.2	3.3	1.7	10.3
327	Nonmetallic Mineral Products	1,942.0	16.3	9.1	11.9
3272	Glass and Glass Products	1,839.3	16.5	10.7	8.5
327211	Flat Glass	7,171.3	41.0	24.1	1
327213	Glass Containers	3,306.7	20.4	13.0	1
327310	Cements	23,317.4	104.8	62.2	1
327410	Lime	12,774.6	147.8	67.9	1
327993	Mineral Wool	1,301.5	10.4	6.8	11.9
331	Primary Metals	2,743.8	23.2	9.8	4.8
331111	Iron and Steel Mills	5,935.3	37.2	17.1	8.8
331112	Electrometallurgical Ferroalloy Products	6,701.3	43.5	22.0	1
3312	Steel Products from Purchased Steel	636.7	4.9	1.9	6.6
3313	Alumina and Aluminum	2,853.1	26.0	8.3	16
331312	Primary Aluminum	24,353.8	78.8	31.1	1
3314	Nonferrous Metals, except Aluminum	1,232.1	11.2	4.3	7.7
3315	Foundries	1,007.7	13.9	8.1	3.3
331511	Iron Foundries	2,049.1	23.6	13.6	2.9
331521	Aluminum Die-Casting Foundries	398.6	5.6	3.7	4.8
331524	Aluminum Foundries, except Die-Casting	768.5	10.2	6.3	2.6
332	Fabricated Metal Products	180.1	1.7	1.1	14.2
333	Machinery	143.4	1.3	0.7	10.7
334	Computer and Electronic Products	213.8	1.6	0.9	8.6
334413	Semiconductors and Related Devices	432.0	2.3	1.5	1.4
335	Electrical Equip., Appliances, and Components	229.1	2.1	1.2	10
336	Transportation Equipment	301.5	2.3	1.1	6.9
336112	Light Trucks and Utility Vehicles	653.5	2.3	0.7	1
337	Furniture and Related Products	108.7	1.5	0.8	12
339	Miscellaneous	107.1	1.0	0.6	10.7
	Total	613.0	4.5	2.5	3
Midwest Census Region					
	RSE Column Factors:	1.1	1	0.9	
311	Food	1,368.3	8.9	3.2	8
311221	Wet Corn Milling	25,884.2	68.6	27.2	1
31131	Sugar	10,868.3	51.1	21.0	1
311421	Fruit and Vegetable Canning	531.5	2.9	1.5	5.2
312	Beverage and Tobacco Products	884.6	3.7	1.7	6.1
3121	Beverages	894.6	4.2	1.8	6.7
3122	Tobacco	310.9	0.2	0.2	1
313	Textile Mills	347.8	4.0	2.1	13.2
314	Textile Product Mills	109.6	2.1	0.9	15.3
315	Apparel	60.4	1.0	0.6	15.9
316	Leather and Allied Products	293.1	4.7	1.7	12.4
321	Wood Products	369.4	5.0	2.4	7
321113	Sawmills	502.0	7.3	2.9	10.6
3212	Veneer, Plywood, and Engineered Woods	993.2	14.1	6.4	14.9
3219	Other Wood Products	189.7	2.5	1.3	9
322	Paper	2,392.3	15.0	7.4	5.3
322110	Pulp Mills	34,283.2	179.1	71.4	1

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322121	Paper Mills, except Newsprint	6,551.1	27.1	15.9	2.6
322122	Newsprint Mills	9,345.2	44.8	21.1	1
322130	Paperboard Mills	9,538.2	48.4	27.9	6.6
323	Printing and Related Support	149.0	1.7	1.1	9.3
324	Petroleum and Coal Products	21,394.9	84.9	13.5	5.5
324110	Petroleum Refineries	49,945.5	127.4	14.9	2.6
324199	Other Petroleum and Coal Products	9,346.9	148.3	30.2	1
325	Chemicals	2,609.6	7.8	4.8	6.5
325110	Petrochemicals	11,100.4	-84.1	36.7	1
325120	Industrial Gases	41,922.9	64.0	48.6	12
325181	Alkalies and Chlorine	9,651.6	40.5	15.3	11.1
325182	Carbon Black	7,326.5	38.3	18.2	1
325188	Other Basic Inorganic Chemicals	6,475.1	27.8	16.6	6
325192	Cyclic Crudes and Intermediates	23,326.8	129.6	21.8	1
325193	Ethyl Alcohol	31,894.1	66.1	26.3	9.8
325199	Other Basic Organic Chemicals	4,906.1	32.1	12.4	10.4
325211	Plastics Materials and Resins	2,951.8	15.9	7.4	16.6
325212	Synthetic Rubber	3,213.6	14.1	6.5	7.7
325222	Noncellulosic Organic Fibers	0.0	0.0	0.0	0
325311	Nitrogenous Fertilizers	32,234.4	105.5	34.2	1
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0
3254	Pharmaceuticals and Medicines	847.5	2.0	1.4	4.8
325412	Pharmaceutical Preparation	829.3	1.8	1.3	5
325992	Photographic Film, Paper, Plate, and Chemicals	369.1	1.8	1.0	8.1
326	Plastics and Rubber Products	388.2	4.0	2.2	7
327	Nonmetallic Mineral Products	2,362.4	20.4	11.9	8
3272	Glass and Glass Products	1,847.0	14.9	8.7	5.3
327211	Flat Glass	7,927.8	44.9	29.5	1
327213	Glass Containers	4,574.3	24.9	15.9	1
327310	Cements	24,602.2	92.5	59.6	4
327410	Lime	30,884.9	311.6	135.8	1
327993	Mineral Wool	2,989.0	18.2	11.4	8.5
331	Primary Metals	5,072.5	43.4	18.6	2.3
331111	Iron and Steel Mills	14,909.3	88.3	37.0	4.8
331112	Electrometallurgical Ferroalloy Products	5,245.8	42.6	13.1	1
3312	Steel Products from Purchased Steel	1,010.2	8.8	3.2	8.1
3313	Alumina and Aluminum	4,730.7	33.7	11.2	4.3
331312	Primary Aluminum	15,640.5	133.6	41.7	1
3314	Nonferrous Metals, except Aluminum	1,386.4	13.9	5.1	7.2
3315	Foundries	858.6	10.0	5.5	3.3
331511	Iron Foundries	1,143.2	14.4	7.6	3.6
331521	Aluminum Die-Casting Foundries	899.7	9.8	4.8	8.6
331524	Aluminum Foundries, except Die-Casting	663.2	7.4	4.3	8.5
332	Fabricated Metal Products	380.4	4.5	2.5	10
333	Machinery	192.9	1.6	0.8	10.7
334	Computer and Electronic Products	152.1	1.1	0.6	12.5
334413	Semiconductors and Related Devices	578.4	6.2	3.4	19.3
335	Electrical Equip., Appliances, and Components	197.4	1.6	0.8	8.3
336	Transportation Equipment	388.7	2.1	0.8	4.9
336112	Light Trucks and Utility Vehicles	614.2	1.5	0.4	1
337	Furniture and Related Products	178.4	1.9	1.1	8.7
339	Miscellaneous	107.9	1.0	0.6	12.7
	Total	1,007.4	7.5	3.4	2.6

South Census Region

RSE Column Factors:

1.1

0.9

1

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311	Food	659.1	4.6	2.2	11.5
311221	Wet Corn Milling	23,186.1	60.1	21.8	1
31131	Sugar	9,481.7	77.9	19.5	1
311421	Fruit and Vegetable Canning	1,378.2	7.8	3.4	13.7
312	Beverage and Tobacco Products	724.2	1.0	0.7	3.3
3121	Beverages	710.5	2.5	1.3	7.2
3122	Tobacco	746.0	0.5	0.5	1
313	Textile Mills	893.6	13.3	4.7	10
314	Textile Product Mills	479.5	6.2	1.9	14.2
315	Apparel	149.4	2.8	1.4	15.3
316	Leather and Allied Products	70.4	1.5	0.7	18
321	Wood Products	1,041.8	14.8	5.4	9.4
321113	Sawmills	1,601.8	25.3	8.0	5.9
3212	Veneer, Plywood, and Engineered Woods	2,039.2	20.6	7.4	20.5
3219	Other Wood Products	357.8	5.9	2.5	11.6
322	Paper	8,352.5	46.9	24.0	4.3
322110	Pulp Mills	25,125.2	115.2	56.4	1
322121	Paper Mills, except Newsprint	15,854.0	56.9	34.6	2.5
322122	Newsprint Mills	14,279.8	62.7	33.3	1
322130	Paperboard Mills	21,190.7	83.7	44.2	4.7
323	Printing and Related Support	165.6	2.0	1.3	10
324	Petroleum and Coal Products	38,178.5	106.9	15.6	4.5
324110	Petroleum Refineries	55,186.9	134.1	16.6	3.3
324199	Other Petroleum and Coal Products	13,038.5	61.5	18.1	4.3
325	Chemicals	9,754.0	33.3	14.7	5.9
325110	Petrochemicals	53,163.0	77.1	23.3	1
325120	Industrial Gases	24,615.2	48.1	26.6	23.4
325181	Alkalies and Chlorine	32,404.6	173.8	72.2	1
325182	Carbon Black	25,034.7	80.4	44.2	1
325188	Other Basic Inorganic Chemicals	3,248.6	18.3	10.0	5.8
325192	Cyclic Crudes and Intermediates	12,922.1	47.5	15.1	1
325193	Ethyl Alcohol	1,880.6	10.0	2.5	1
325199	Other Basic Organic Chemicals	17,240.1	84.3	26.5	14.3
325211	Plastics Materials and Resins	15,800.3	60.2	18.6	7.3
325212	Synthetic Rubber	5,646.8	18.7	8.9	26.5
325222	Noncellulosic Organic Fibers	3,178.0	19.5	8.5	1
325311	Nitrogenous Fertilizers	55,477.7	227.0	67.6	1
325312	Phosphatic Fertilizers	3,691.2	17.2	5.4	1
3254	Pharmaceuticals and Medicines	548.7	1.2	0.8	5.4
325412	Pharmaceutical Preparation	517.2	1.0	0.6	5.9
325992	Photographic Film, Paper, Plate, and Chemicals	Q	Q	1.3	37.9
326	Plastics and Rubber Products	458.9	4.5	2.3	7.2
327	Nonmetallic Mineral Products	2,744.7	22.7	13.3	9
3272	Glass and Glass Products	2,310.0	18.4	10.8	7.1
327211	Flat Glass	6,326.5	31.5	19.0	1
327213	Glass Containers	5,171.6	28.0	17.2	1
327310	Cements	25,444.6	97.2	59.8	3
327410	Lime	22,910.3	145.5	91.9	1
327993	Mineral Wool	2,597.3	22.2	12.4	20.8
331	Primary Metals	4,442.3	33.6	13.1	3.6
331111	Iron and Steel Mills	9,823.4	54.3	22.7	4.4
331112	Electrometallurgical Ferroalloy Products	11,879.6	131.4	31.5	25.6
3312	Steel Products from Purchased Steel	880.4	8.4	2.7	9.4
3313	Alumina and Aluminum	5,324.8	36.4	14.1	8.6
331312	Primary Aluminum	17,228.3	121.6	43.1	1
3314	Nonferrous Metals, except Aluminum	1,430.6	12.3	3.4	15.5

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3315	Foundries	1,065.6	12.2	6.1	3.2
331511	Iron Foundries	1,148.5	13.3	6.2	3.9
331521	Aluminum Die-Casting Foundries	882.0	10.5	5.4	4.5
331524	Aluminum Foundries, except Die-Casting	724.3	9.1	5.2	3.9
332	Fabricated Metal Products	253.4	3.3	1.6	10.9
333	Machinery	137.5	1.3	0.6	11
334	Computer and Electronic Products	114.8	0.9	0.4	10.7
334413	Semiconductors and Related Devices	462.7	2.6	1.8	7.5
335	Electrical Equip., Appliances, and Components	216.2	2.1	1.0	9.6
336	Transportation Equipment	237.1	1.6	0.6	5.6
336112	Light Trucks and Utility Vehicles	623.5	1.5	0.5	1
337	Furniture and Related Products	107.0	1.8	1.0	11.7
339	Miscellaneous	130.5	1.2	0.7	11.7
	Total	1,879.6	14.3	6.3	2.6
West Census Region					
	RSE Column Factors:	1.1	0.9	1	
311	Food	754.3	6.3	2.6	10
311221	Wet Corn Milling	7,758.4	29.3	18.2	25.6
31131	Sugar	5,437.1	35.3	16.8	1
311421	Fruit and Vegetable Canning	776.6	6.4	2.9	23.6
312	Beverage and Tobacco Products	516.4	2.1	1.1	6.9
3121	Beverages	517.6	2.1	1.1	6.9
3122	Tobacco	11.4	0.3	0.2	1
313	Textile Mills	843.9	9.6	4.8	28.7
314	Textile Product Mills	96.1	1.2	0.7	19.6
315	Apparel	86.7	1.5	0.7	14.3
316	Leather and Allied Products	Q	0.3	0.2	36.3
321	Wood Products	831.2	12.2	4.3	5.9
321113	Sawmills	1,638.8	21.0	6.2	6.6
3212	Veneer, Plywood, and Engineered Woods	1,436.7	21.8	7.3	9.9
3219	Other Wood Products	143.2	2.3	1.0	12
322	Paper	4,987.7	35.9	15.7	7.2
322110	Pulp Mills	17,826.3	100.1	47.5	1
322121	Paper Mills, except Newsprint	11,685.0	39.4	24.0	7
322122	Newsprint Mills	17,185.3	86.8	31.2	1
322130	Paperboard Mills	20,002.2	119.8	47.9	7.2
323	Printing and Related Support	139.1	1.6	1.0	12
324	Petroleum and Coal Products	38,270.9	83.8	17.1	6.8
324110	Petroleum Refineries	46,866.4	94.2	18.1	6.6
324199	Other Petroleum and Coal Products	26,296.8	47.4	27.0	1
325	Chemicals	1,621.2	7.3	4.2	5.3
325110	Petrochemicals	0.0	0.0	0.0	0
325120	Industrial Gases	13,420.5	23.9	17.4	12.6
325181	Alkalies and Chlorine	34,815.3	138.0	68.4	1
325182	Carbon Black	113.1	1.6	1.0	1
325188	Other Basic Inorganic Chemicals	13,740.8	42.4	27.4	12.6
325192	Cyclic Crudes and Intermediates	1,881.1	9.7	3.2	1
325193	Ethyl Alcohol	8,733.6	179.7	18.3	1
325199	Other Basic Organic Chemicals	2,086.6	8.8	5.7	17.4
325211	Plastics Materials and Resins	1,433.1	8.5	2.9	15.8
325212	Synthetic Rubber	151.8	1.2	0.7	1
325222	Noncellulosic Organic Fibers	13.5	0.3	0.2	1
325311	Nitrogenous Fertilizers	48,221.9	859.0	91.9	1
325312	Phosphatic Fertilizers	5,487.4	28.0	13.8	1

Table 6.1 Consumption Ratios of Fuel, 2002;
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)	RSE Row Factors
3254	Pharmaceuticals and Medicines	201.1	0.9	0.5	4.3
325412	Pharmaceutical Preparation	216.8	0.7	0.4	5.6
325992	Photographic Film, Paper, Plate, and Chemicals	661.6	2.1	1.2	1
326	Plastics and Rubber Products	226.5	2.6	1.3	11.3
327	Nonmetallic Mineral Products	2,434.6	21.6	11.0	10
3272	Glass and Glass Products	1,826.7	16.9	9.8	4.6
327211	Flat Glass	5,534.4	35.9	20.6	1
327213	Glass Containers	3,808.0	22.8	13.5	1
327310	Cements	21,910.5	91.5	44.5	9.2
327410	Lime	25,167.8	137.3	75.7	1
327993	Mineral Wool	1,869.8	15.6	9.1	9.6
331	Primary Metals	1,773.8	15.9	6.3	4.9
331111	Iron and Steel Mills	5,062.0	31.0	9.6	2.7
331112	Electrometallurgical Ferroalloy Products	668.0	7.0	2.2	1
3312	Steel Products from Purchased Steel	607.0	4.2	1.5	7.4
3313	Alumina and Aluminum	3,106.5	37.0	11.6	7.2
331312	Primary Aluminum	10,126.9	85.1	26.1	10.5
3314	Nonferrous Metals, except Aluminum	1,496.0	10.5	4.1	13.1
3315	Foundries	397.0	4.8	3.0	9.3
331511	Iron Foundries	932.8	12.1	6.7	1.3
331521	Aluminum Die-Casting Foundries	227.8	4.9	1.7	21.6
331524	Aluminum Foundries, except Die-Casting	333.4	4.2	3.1	6
332	Fabricated Metal Products	123.6	1.5	0.8	10.7
333	Machinery	98.9	1.1	0.6	11.7
334	Computer and Electronic Products	116.5	0.7	0.4	12.2
334413	Semiconductors and Related Devices	338.0	0.9	0.7	4.9
335	Electrical Equip., Appliances, and Components	216.4	1.9	1.1	12.3
336	Transportation Equipment	111.6	0.9	0.4	14.2
336112	Light Trucks and Utility Vehicles	65.4	0.6	0.2	1
337	Furniture and Related Products	47.1	0.7	0.4	12.9
339	Miscellaneous	65.7	0.5	0.3	10.7
	Total	737.1	5.8	2.9	4.6

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

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: 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.

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

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2002 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2002 Economic Census, Manufacturing - Industry Series.'