Table 6.4 Consumption Ratios of Fuel, 2006;

Level: National Data;

Row: Employment Sizes within NAICS Codes;

Column: Energy-Consumption Ratios;

Unit: Varies.

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
		Total United States		
311 - 339	ALL MANUFACTURING INDUSTRIES			
	Employment Size			
	Under 50	562.6	4.7	2.4
	50-99	673.1	5.1	2.4
	100-249	1,072.8	6.5	3.0
	250-499 500-999	1,564.3 2,328.9	7.7 10.6	3.6 4.5
	1000 and Over	2,326.9 1,415.5	5.7	2.5
	Total	1,278.4	6.9	3.1
311	FOOD	·		
	Employment Size			
	Under 50	1,266.8	8.3	3.2
	50-99	1,587.4	9.3	3.6
	100-249	931.9	3.6	1.5
	250-499	1,313.1	6.3	3.0
	500-999	509.0	3.0	1.6
	1000 and Over	427.5	3.9	1.4
	Total	879.8	5.0	2.2
3112	Grain and Oilseed Milling			
	Employment Size			
	Under 50	3,382.8	10.9	2.3
	50-99	5,655.9	14.7	3.9
	100-249	3,989.3	14.9	4.7
	250-499	12,694.0	26.8	11.8
	500-999	7,642.4	13.0	7.9
	1000 and Over	701.8	4.1	2.3
	Total	6,416.6	17.5	5.7
311221	Wet Corn Milling			
	Employment Size			
	Under 50	3,971.9	18.3	9.2
	50-99	16,415.5	52.7	19.1
	100-249	13,779.6	25.8	13.2
	250-499	26,699.0	49.9	19.7
	500-999 1000 and Over	18,168.1 0.0	41.5 0.0	17.7 0.0
	Total	21,552.1	43.6	18.2
31131	Sugar			
	Employment Size			
	Under 50	3,201.7	42.9	8.8
	50-99	9,870.0	163.0	40.9
	100-249	7,514.7	50.4	18.9
	250-499	6,477.9	27.6	11.1
	500-999	4,208.6	17.9	5.4

Consumption

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
	1000 and Over	0.0	0.0	0.0
	Total	6,629.2	31.3	12.2
3114	Fruit and Vegetable Preserving and Specialty Foods			
	Employment Size			
	Under 50	1,221.8	4.0	2.6
	50-99	3,186.0	20.2	10.3
	100-249	830.4	4.5	2.0
	250-499 500-999	1,152.4 717.5	7.9 2.9	3.3 1.6
	1000 and Over	412.7	2.3	1.2
	Total	1,075.3	5.5	2.8
3115	Dairy Products	,,		
	Employment Size	4 500 4	0.0	2.5
	Under 50 50-99	1,503.4 920.9	9.8 4.9	2.5 1.5
	100-249	960.3	3.9	1.1
	250-499	793.9	2.9	1.1
	500-999	914.1	4.7	1.9
	1000 and Over	546.4	4.2	1.3
	Total	956.3	4.3	1.3
3116	Animal Slaughtering and Processing			
	Employment Size			
	Under 50	1,533.0	11.7	4.1
	50-99	1,221.2	6.3	3.6
	100-249	557.2	4.5	1.4
	250-499	503.3	4.2	1.4
	500-999	319.4	3.0	1.3
	1000 and Over	441.1	4.4	1.4
	Total	493.8	4.4	1.6
312	BEVERAGE AND TOBACCO PRODUCTS			
	Employment Size			
	Under 50	757.0	3.7	1.9
	50-99	701.6	2.6	0.9
	100-249	460.3	1.2	0.5
	250-499	621.0	1.6	0.8
	500-999 1000 and Over	1,308.7	2.6	1.6
	Total	1,474.2 852.9	0.7 1.4	0.6 0.9
3121	Beverages			
V.2.				
	Employment Size	700.0	0.0	4.0
	Under 50	762.3	3.8	1.9
	50-99 100-249	694.7 459.7	2.6 1.2	0.8 0.5
	250-499	549.6	1.7	0.5
	500-999	1,415.9	2.9	1.7
		.,	0	

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
	1000 and Over	3,555.6	4.9	3.4
	Total	892.2	2.4	1.1
3122	Tobacco			
	Employment Size			
	Under 50	566.4	1.7	0.8
	50-99	826.2	4.7	2.0
	100-249	467.7	1.0	0.7
	250-499	1,387.2	1.4	1.2
	500-999	651.1	1.0	0.8
	1000 and Over	495.7	0.2	0.2
	Total	636.3	0.3	0.3
313	TEXTILE MILLS			
	Employment Size			
	Under 50	1,318.0	11.4	5.3
	50-99		Q (
	100-249	768.9	7.4	3.5
	250-499	908.5	8.5	4.0
	500-999	706.0	9.4	4.1
	1000 and Over	2,055.7	10.6	7.2
	Total	880.2	8.6	4.1
314	TEXTILE PRODUCT MILLS			
	Employment Size			
	Under 50	291.6	3.3	1.5
	50-99	260.9	4.1	1.6
	100-249	673.1		1.1
	250-499	358.4	3.2	1.4
	500-999	794.1		2.3
	1000 and Over	984.8	3.4	2.1
	Total	552.6	4.6	1.8
		332.0	4.0	1.0
315	APPAREL			
	Employment Size			
	Under 50	57.7	0.6	0.3
	50-99	49.5	0.9	0.4
	100-249	76.9	1.3	0.6
	250-499	102.3	1.0	0.5
	500-999	64.1		0.4
	1000 and Over	0.0	0.0	0.0
	Total	73.9	1.0	0.5
316	LEATHER AND ALLIED PRODUCTS			
	Employment Size			
	Under 50	71.9	0.8	0.5
	50-99	116.7	1.4	0.8
	100-249	146.2	1.4	0.6
	250-499	68.8	1.5	0.6
	500-999		Q (
	000 999	Q.	· ·	×

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
	1000 and Over	0.0	0.0	0.0
	Total	100.1	1.1	0.6
321	WOOD PRODUCTS			
	Employment Size			
	Under 50	600.2	7.0	2.9
	50-99	414.4	4.9	1.9
	100-249	1,450.7	16.4	5.9
	250-499	892.0	11.0	4.1
	500-999	924.2	11.7	4.9
	1000 and Over	123.0	1.5	0.7
	Total	881.1	10.4	4.0
321113	Sawmills			
	Employment Size			
	Under 50	843.6	7.7	3.1
	50-99	962.7	10.5	3.6
	100-249	2,248.3	23.5	6.9
	250-499	1,365.3	14.6	4.2
	500-999	151.0	2.1	1.3
	1000 and Over	0.0	0.0	0.0
	Total	1,481.1	15.1	5.0
3212	Veneer, Plywood, and Engineered Woods			
	Employment Size			
	Under 50	154.2	2.2	0.8
	50-99	348.1	4.7	1.8
	100-249	1,847.7	19.1	8.0
	250-499	2,097.7	26.9	8.9
	500-999	3,767.4	36.6	16.1
	1000 and Over	0.0	0.0	0.0
	Total	1,496.1	17.6	6.8
		.,		
3219	Other Wood Products			
	Employment Size			
	Under 50	582.1	8.0	3.7
	50-99	204.1	2.4	1.1
	100-249	855.8	10.7	4.0
	250-499	107.3	1.4	0.6
	500-999	386.0	5.2	2.1
	1000 and Over	123.0	1.5	0.7
	Total	447.8	5.6	2.5
322	PAPER			
	Employment Size			
	Under 50	563.8	4.9	2.1
	50-99	1,705.7	13.3	5.4
	100-249	1,810.5	12.8	5.0
	250-499	10,239.6	38.3	20.1
	500-999	13,131.1	49.8	25.2
		10,101.1	75.0	20.2

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
	1000 and Over	10,321.2	25.6	15.8
	Total	5,885.7	28.9	13.7
322110	Pulp Mills			
	Employment Size			
	Under 50	24,785.9	122.6	43.2
	50-99 100-249	3,923.7 40,666.7	8.5 121.3	4.1 55.3
	250-499	29,881.0	108.0	48.4
	500-999	33,399.2	138.2	58.3
	1000 and Over	0.0	0.0	0.0
	Total	31,819.8	113.2	49.9
322121	Paper Mills, except Newsprint			
	Employment Size			
	Under 50	3,242.9	24.7	11.3
	50-99	7,887.5	43.5	18.8
	100-249	6,673.9	23.8	11.8
	250-499	9,948.8	26.9	14.9
	500-999	15,815.6	56.6	28.8
	1000 and Over	11,856.1	25.4	15.9
	Total	12,263.6	35.3	19.6
322122	Newsprint Mills			
	Employment Size			
	Under 50	1,625.8	19.0	8.3
	50-99	0.0	0.0	0.0
	100-249	12,553.0	32.0	16.6
	250-499	22,588.2	48.5	24.5
	500-999	0.0	0.0	0.0
	1000 and Over Total	0.0	0.0	0.0 20.9
	Total	17,250.1	40.8	20.9
322130	Paperboard Mills			
	Employment Size			
	Under 50	2,617.1	16.5	7.3
	50-99	8,771.5	33.4	16.4
	100-249	9,330.9	30.4	16.6
	250-499	29,665.7	73.8	37.1
	500-999	24,295.4	77.2	38.3
	1000 and Over Total	14,580.0 20,470.2	79.3 64.4	35.6 32.3
	Total	20,470.2	04.4	32.3
323	PRINTING AND RELATED SUPPORT			
	Employment Size			
	Under 50	72.3	0.9	0.6
	50-99	93.6	1.0	0.6
	100-249	168.6	1.2	0.7
	250-499 500-999	339.1 412.1	1.9	1.4 2.3
	JUU-999	412.1	3.8	2.3

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
	1000 and Over Total	428.0 164.6	4.4 1.5	2.6 1.0
		104.0	1.5	1.0
324	PETROLEUM AND COAL PRODUCTS			
	Employment Size			
	Under 50	4,553.9	14.8	4.5
	50-99	5,774.2	21.3	3.2
	100-249 250-499	18,704.6 40,228.3	22.9 29.8	5.5 5.9
	500-999	59,795.1	29.6 29.4	6.3
	1000 and Over	57,786.6	26.0	6.8
	Total	35,024.9	27.0	6.1
204440		55,5_1.5		
324110	Petroleum Refineries			
	Employment Size			
	Under 50	36,794.3	24.3	8.2
	50-99	20,431.0	-56.1	4.6
	100-249	48,046.1	35.8	5.6
	250-499 500-999	47,596.1 59,795.1	30.9 29.4	5.9 6.3
	1000 and Over	57,786.6	26.0	6.8
	Total	54,782.0	29.2	6.3
324199	Other Petroleum and Coal Products			
	Employment Size			
	Under 50	NA	NA	NA
	50-99	14,661.1	50.2	13.7
	100-249	63,911.4	242.6	75.1
	250-499	5,356.1	24.8	10.8
	500-999 1000 and Over	0.0 0.0	0.0 0.0	0.0 0.0
	Total	22,636.1	82.7	27.5
		22,030.1	02.1	27.5
325	CHEMICALS			
	Employment Size			
	Under 50	3,564.6	8.2	4.0
	50-99	3,532.2	10.3	4.8
	100-249	NA	NA	NA
	250-499	5,346.5	8.0	4.6
	500-999	11,457.1	14.4	6.7
	1000 and Over	3,291.8	8.1	5.0
	Total	4,768.2	9.4	5.1
325110	Petrochemicals			
	Employment Size			
	Under 50	20,075.6	22.8	3.8
	50-99	13,294.1	20.5	7.5
	100-249	42,123.2	14.7	6.3
	250-499	111,126.3	25.7	12.5
	500-999	161,689.0	40.0	15.6

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
	1000 and Over	0.0	0.0	0.0
	Total	103,258.2	29.8	12.4
325120	Industrial Gases			
	Employment Size			
	Under 50	14,650.0	30.2	19.5
	50-99 100-249	8,393.0 11,073.5	12.3 19.8	7.5 5.1
	250-499	5,973.2	8.3	4.8
	500-999	3,931.6	7.4	6.1
	1000 and Over	0.0	0.0	0.0
	Total	11,570.9	21.6	11.9
325181	Alkalies and Chlorine			
	Employment Size			
	Under 50	1,350.7	8.9	3.0
	50-99	13,821.1	33.0	17.8
	100-249	47,554.9	61.3	32.8
	250-499	34,087.6	56.7	35.5
	500-999	20,384.4	61.1	40.1
	1000 and Over Total	29,958.4 32,214.4	80.5 61.9	32.3 32.0
325182	Carbon Black	32,217.7	01.0	32.0
	Employment Size	45 404 4	50.0	10 F
	Under 50 50-99	15,494.4 11,350.4	52.9 24.8	16.5 11.0
	100-249	7,563.4	19.5	6.9
	250-499	0.0	0.0	0.0
	500-999	0.0	0.0	0.0
	1000 and Over	0.0	0.0	0.0
	Total	10,563.9	25.0	10.1
325188	Other Basic Inorganic Chemicals			
	Employment Size			
	Under 50	4,185.9	10.7	5.8
	50-99	3,407.6	13.3	6.3
	100-249	4,080.9	11.3	5.8
	250-499	4,676.4	15.5	7.9
	500-999	13,716.6	109.7	37.1
	1000 and Over	3,149.5	16.3	13.6
	Total	4,428.2	16.8	9.5
325192	Cyclic Crudes and Intermediates			
	Employment Size			
	Under 50	8,052.1	13.4	6.5
	50-99	13,230.7	14.4	7.0
	100-249	26,625.4	6.8	4.2
	250-499 500-999	9,710.1	29.2 9.4	16.7 5.0
	J00-999	7,783.1	9.4	0.0

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
	1000 and Over	0.0	0.0	0.0
	Total	12,763.7	8.8	5.1
325193	Ethyl Alcohol			
	Employment Size			
	Under 50	38,328.5	51.0	26.8
	50-99	21,332.7	38.8	17.4
	100-249	27,654.0	23.5	14.3
	250-499	14,339.7	3.9	2.5
	500-999	0.0	0.0	0.0
	1000 and Over	0.0	0.0	0.0
	Total	28,213.9	23.7	13.6
325199	Other Basic Organic Chemicals			
	Employment Size			
	Under 50	2,575.0	7.4	3.4
	50-99	5,638.9	12.0	4.7
	100-249	9,797.8	16.5	7.3
	250-499	14,127.7	40.1	10.3
	500-999	17,668.4	26.4	10.3
	1000 and Over	7,231.2	127.6	13.8
	Total	10,328.6	26.7	9.0
325211	Plastics Materials and Resins			
	Employment Size			
	Under 50	2,622.5	6.9	2.1
	50-99	5,662.3	12.8	4.0
	100-249	5,964.3	7.2	2.9
	250-499	13,362.2	17.3	8.4
	500-999	12,554.3	164.9	10.0
	1000 and Over	23,928.9	125.1	16.2
	Total	11,821.0	24.9	7.6
325212	Synthetic Rubber			
	Employment Size			
	Under 50	1,521.0	6.9	3.3
	50-99	1,784.9	7.5	2.6
	100-249	3,634.3	11.7	4.2
	250-499	9,341.8	37.8	8.8
	500-999	1,916.8	3.4	2.3
	1000 and Over	0.0	0.0	0.0
	Total	5,118.1	17.8	6.0
325222	Noncellulosic Organic Fibers			
	Employment Size			
	Under 50	5,317.6	28.5	9.3
	50-99	2,170.5	11.4	6.1
	100-249	1,496.1	7.8	3.4
	250-499	7,912.2	19.0	9.8
	500-999	5,515.2	27.9	7.5

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
	1000 and Over	787.7	7.5	2.9
	Total	5,137.0	20.1	7.8
325311	Nitrogenous Fertilizers			
	Employment Size			
	Under 50	20,937.1	58.6	25.6
	50-99	65,986.4	92.4	41.6
	100-249	41,741.0	83.6	26.3
	250-499 500-999	128,295.5 0.0	-213.5 0.0	88.5 0.0
	1000 and Over	0.0	0.0	0.0
	Total	51,960.0	131.1	38.2
		31,000.0	101.1	30.2
325312	Phosphatic Fertilizers			
	Employment Size	4 440 0	7.0	0.0
	Under 50	1,446.2	7.0	2.2
	50-99	61,516.8	45.2	16.2
	100-249 250-499	1,950.8 2,469.5	4.6 10.1	2.0 2.5
	500-999	2,469.5 1,553.0	-49.2	2.5 1.8
	1000 and Over	3,579.4	15.3	6.5
	Total	3,387.7	15.3	3.7
3254	Pharmaceuticals and Medicines	-7		
	Employment Size			
	Under 50	204.3	1.0	0.7
	50-99	817.4	3.1	2.2
	100-249	NA	NA	NA
	250-499	430.3	0.5	0.4
	500-999	425.6	0.6	0.4
	1000 and Over	357.0	0.7	0.5
	Total	412.1	0.7	0.5
325412	Pharmaceutical Preparation			
	Employment Size			
	Under 50	198.5	1.1	0.7
	50-99	885.4	2.7	1.9
	100-249	439.7	0.9	0.6
	250-499	421.4	0.5	0.4
	500-999	396.2	0.5	0.3
	1000 and Over	470.8	0.7	0.6
	Total	447.9	0.6	0.5
325992	Photographic Film, Paper, Plate, and Chemicals			
	Employment Size			
	Under 50	1,369.0	10.4	5.2
	50-99	397.3	2.2	0.9
	100-249	792.9	2.9	1.5
	250-499	824.9	1.3	1.0
	500-999	23.8	0.4	0.2
		20.0	0.1	V.2

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

NAICS Code(a)	Economic Characteristic(b)	pe	onsumption er Employee million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
	1000 and Over		1,015.4	4.6	3.0
	Total		951.1	3.8	2.4
326	PLASTICS AND RUBBER PRODUCTS				
	Employment Size				
	Under 50		370.8	3.5	1.7
	50-99		292.3	2.7	1.1
	100-249 250-499		417.1 323.6	4.0 2.9	1.8 1.6
	500-999		478.6	3.9	1.9
	1000 and Over		670.4	5.4	2.2
	Total		414.9	3.7	1.7
327	NONMETALLIC MINERAL PRODUCTS				
	Employment Size				
	Under 50		1,276.3	9.5	4.7
	50-99		2,374.1	14.5	8.7
	100-249		5,055.4	26.7	15.3
	250-499		2,888.1	17.6	10.4
	500-999		3,462.1	22.2	13.2
	1000 and Over		758.8	7.6	4.5
	Total		2,758.7	17.5	9.7
327211	Flat Glass				
	Employment Size				
	Under 50		3,465.4	35.6	21.1
	50-99		170.6	2.2	2.0
	100-249		7,438.2	41.3	22.9
	250-499		6,690.6	30.1	16.4
	500-999		4,220.5	37.6	19.2
	1000 and Over Total		0.0 6,151.1	0.0 34.5	0.0 18.7
	Total		0,131.1	34.3	10.7
327212	Other Pressed and Blown Glass and Glassware				
	Employment Size				
	Under 50		24,367.0	275.9	148.9
	50-99	Q	(6.9
	100-249		5,838.9	32.0	21.3
	250-499		2,550.5	12.8	9.3
	500-999 1000 and Over		2,357.6 1,447.2	22.9 21.1	12.2 11.4
	Total		4,827.5	39.5	24.1
327213	Glass Containers		,		
	Employment Size				
	Employment Size Under 50		33.7	1.7	1.2
	50-99		281.8	4.3	3.4
	100-249		5,279.9	24.0	13.8
	250-499		4,371.6	24.7	14.3
	500-999		3,130.5	21.8	12.6

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
	1000 and Over	0.0	0.0	0.0
	Total	4,489.3	24.3	14.1
327215	Glass Products from Purchased Glass			
	Employment Size			
	Under 50	4,343.3	49.0	26.7
	50-99	372.6	3.8	1.8
	100-249	769.3	7.1	3.6
	250-499	492.4	4.5	2.3
	500-999	509.8	2.9	1.9
	1000 and Over	130.2	1.0	0.6
	Total	1,082.5	9.8	5.1
327310	Cements			
	Employment Size			
	Under 50	12,501.4	16.4	9.9
	50-99	9,919.9	34.0	21.3
	100-249	26,644.2	62.5	40.6
	250-499	17,766.0	42.4	31.2
	500-999	0.0	0.0	0.0
	1000 and Over	0.0	0.0	0.0
	Total	21,483.0	52.5	34.0
327410	Lime			
	Employment Size			
	Under 50	36,435.4	134.9	74.8
	50-99	43,956.4	111.6	75.9
	100-249	22,871.6	132.6	76.2
	250-499	20,847.9	115.4	84.1
	500-999	18,693.5	100.2	73.1
	1000 and Over	0.0	0.0	0.0
	Total	29,095.2	120.1	75.8
327420	Gypsum			
	Employment Size			
	Under 50	1,019.4	3.9	1.8
	50-99	8,414.1	16.6	10.8
	100-249	9,744.0	20.7	13.3
	250-499	6,426.5	27.7	12.9
	500-999	0.0	0.0	0.0
	1000 and Over	0.0	0.0	0.0
	Total	7,390.7	18.7	11.0
327993	Mineral Wool			
-				
	Employment Size	22.5	2.2	4.0
	Under 50	824.6	3.2	1.9
	50-99	1,958.8	23.2	10.4
	100-249	3,392.6	14.5	9.2
	250-499	3,384.3	13.4	8.5
	500-999	2,223.1	10.1	6.9

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
	1000 and Over	0.0	0.0	0.0
	Total	2,919.3	12.7	8.0
331	PRIMARY METALS			
	Employment Size			
	Under 50	1,030.4	4.9	2.4
	50-99	1,090.7	10.2	2.6
	100-249	1,469.7	9.1	3.1
	250-499	2,566.3	11.1	4.7
	500-999	4,450.5	18.2	6.8
	1000 and Over	13,011.0	54.8	19.4
	Total	4,052.3	20.0	7.5
331111	Iron and Steel Mills			
	Employment Size			
	Under 50	3,504.4	15.9	6.9
	50-99	5,576.4	25.7	7.1
	100-249	3,770.7	19.8	6.9
	250-499	7,998.9	14.0	6.7
	500-999	7,113.3	17.5	6.0
	1000 and Over	20,076.9	69.0	24.0
	Total	13,113.0	37.7	14.2
331112	Electrometallurgical Ferroalloy Products			
	Employment Size			
	Under 50	695.6	-27.1	2.0
	50-99	3,468.6	17.9	12.6
	100-249	14,688.6	75.9	26.4
	250-499	0.0	0.0	0.0
	500-999	5,870.5	18.1	10.7
	1000 and Over	0.0	0.0	0.0
	Total	8,820.0	36.1	17.5
3312	Steel Products from Purchased Steel			
	Employment Size			
	Under 50	601.2	3.6	1.2
	50-99	689.0	4.2	1.2
	100-249	963.0	5.3	2.0
	250-499	1,100.7	5.4	2.4
	500-999	2,068.1	4.7	2.3
	1000 and Over	0.0	0.0	0.0
	Total	996.4	5.0	1.9
3313	Alumina and Aluminum			
	Employment Size			
	Under 50	2,594.4	13.8	3.4
	50-99	1,858.2	12.2	2.5
	100-249	1,247.4	9.7	2.2
	250-499	3,659.8	25.5	7.7
	500-999	8,138.8	31.3	9.8

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
	1000 and Over	5,380.0	23.5	7.0
	Total	4,096.1	22.7	6.2
331314	Secondary Smelting and Alloying of Aluminum			
	Employment Size			
	Under 50	3,381.9	14.9	3.5
	50-99	3,998.1	18.9	3.2
	100-249	3,173.4	20.3	2.5
	250-499	5,038.6	25.9	4.4
	500-999	151.2	0.9	0.2
	1000 and Over	0.0	0.0	0.0
	Total	3,044.5	16.1	2.7
331315	Aluminum Sheet, Plate and Foils			
	Employment Size			
	Under 50	2,964.5	14.5	4.3
	50-99	1,206.0	12.1	1.1
	100-249	2,206.5	7.8	1.8
	250-499	4,215.7	13.0	3.8
	500-999	4,383.5	15.1	3.7
	1000 and Over	3,227.9	16.3	4.1
	Total	3,477.1	13.6	3.3
331316	Aluminum Extruded Products			
	Employment Size			
	Under 50	591.5	6.9	2.0
	50-99	420.1	4.0	1.3
	100-249	669.8	7.1	2.1
	250-499	932.9	11.5	3.0
	500-999	1,276.7	9.3	3.4
	1000 and Over	0.0	0.0	0.0
	Total	831.4	8.6	2.5
	Total	031.4	0.0	2.3
3314	Nonferrous Metals, except Aluminum			
	Employment Size			
	Under 50	758.5	1.8	0.8
	50-99	594.0 (1.2
	100-249	1,728.0	6.8	2.0
	250-499	2,361.6	6.9	2.4
	500-999	2,079.2	9.2	4.5
	1000 and Over	1,488.5	7.5	2.3
	Total	1,631.4	6.7	2.1
3315	Foundries			
	Employment Size			
	Under 50	715.0	4.4	3.5
	50-99	566.6	6.3	3.4
	100-249	968.2	8.2	4.6
	250-499	963.5	8.1	4.5
	500-999	1,342.6	11.8	5.7
	000 000	1,542.0	11.0	5.7

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
	1000 and Over	971.2	8.3	4.2
	Total	956.2	8.0	4.5
331511	Iron Foundries			
	Employment Size			
	Under 50	799.1	8.1	5.3
	50-99	653.8	6.7	4.0
	100-249	1,776.3	16.5	8.8
	250-499 500-999	1,269.4 2,028.6	9.7 17.4	5.3 8.2
	1000 and Over	1,252.6	12.1	5.3
	Total	1,379.4	12.1	6.2
224504		1,070.4	12.0	0.2
331521	Aluminum Die-Casting Foundries			
	Employment Size	0.000	0= 4	4= 0
	Under 50	2,222.2	25.1	15.3
	50-99	844.8	9.1	5.0
	100-249	815.5	6.8	3.4
	250-499 500-999	982.2 980.6	8.8 8.1	4.2 3.6
	1000 and Over	0.0	0.0	0.0
	Total	1,073.3	9.8	4.9
224524		1,070.0	0.0	4.0
331524	Aluminum Foundries, except Die-Casting			
	Employment Size			
	Under 50	470.4	5.4	3.4
	50-99	333.9	5.1	2.8
	100-249	871.8	10.9	5.6
	250-499	749.7	7.9	4.0
	500-999 1000 and Over	592.8 734.4	5.7	2.7
	Total	683.9	8.9	4.6 4.1
	Total	003.9	7.9	4.1
332	FABRICATED METAL PRODUCTS			
	Employment Size			
	Under 50	242.4	2.6	1.5
	50-99	345.0	3.1	1.7
	100-249	335.4	2.5	1.3
	250-499	222.1	1.9	0.8
	500-999	327.7	2.1	1.1
	1000 and Over	6,126.2	10.4	2.7
	Total	302.5	2.6	1.3
333	MACHINERY			
	Employment Size			
	Under 50	325.2	2.9	1.6
	50-99	103.2	0.7	0.4
	100-249	165.5	1.4	0.6
	250-499	149.6	0.8	0.4
	500-999	139.0	0.8	0.4

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
	1000 and Over	275.7	1.3	0.6
	Total	197.8	1.2	0.6
334	COMPUTER AND ELECTRONIC PRODUCTS			
	Employment Size			
	Under 50	172.4	1.2	0.8
	50-99	126.8	1.0	0.6
	100-249	79.3	0.6	0.3
	250-499	124.9	0.6	0.3
	500-999	220.6	0.9	0.5
	1000 and Over	209.3	0.7	0.4
	Total	161.9	0.7	0.4
334413	Semiconductors and Related Devices			
	Employment Size			
	Under 50	670.3	3.5	2.6
	50-99	393.6	2.1	1.3
	100-249	310.4	1.6	1.1
	250-499	553.4	0.5	0.4
	500-999	592.9	1.5	1.1
	1000 and Over	466.7	1.3	0.9
	Total	490.8	1.2	0.9
335	ELEC. EQUIP., APPLIANCES, COMPONENTS			
	Employment Size			
	Under 50	196.2	1.5	0.8
	50-99	210.2	1.7	0.9
	100-249	282.3	2.2	1.1
	250-499	297.7	2.3	1.1
	500-999	280.4	1.6	0.7
	1000 and Over	161.5	1.1	0.5
	Total	246.2	1.8	0.8
				0.0
336	TRANSPORTATION EQUIPMENT			
	Employment Size			
	Under 50	206.4	1.8	0.8
	50-99	138.3	1.3	0.6
	100-249	172.2	1.4	0.6
	250-499	201.1	1.5	0.7
	500-999	644.0	5.4	1.8
	1000 and Over	262.1	1.2	0.4
	Total	285.8	1.7	0.6
336111	Automobiles			
	Employment Size			
	Under 50	316.5	1.1	0.4
	50-99	279.5	2.3	0.6
	100-249	247.7	1.5	0.8
	250-499	158.9	1.4	0.5
	500-999	424.0	3.4	1.6
		724.0	5.4	1.0

Table 6.4 Consumption Ratios of Fuel, 2006;

Row: Employment Sizes within NAICS Codes; Column: Energy-Consumption Ratios;

1,000 and Over 1,00	NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
Employment Size		Total	512.4	1.5	0.4
Under 50	336112	Light Trucks and Utility Vehicles			
50-99					
100-249					
250-499					
\$00.999					
1000 and Over					
Total S05.3 1.3 0.3					
Pemployment Size					
Under 50	3364	Aerospace Products			
Under 50		Employment Size			
50-99			107.5	1.1	0.7
100-249					
250.499					
500-999					
Total Aircraft		500-999	202.7		
Sacing Section		1000 and Over	132.1	0.7	
Employment Size		Total	160.3	0.9	0.4
Under 50	336411	Aircraft			
191.6 1.0 0.6 100-249 84.0 0.8 0.4 250-499 153.2 1.5 0.5 500-999 107.3 0.9 0.6 1000 and Over 94.9 0.5 0.2 1000 and Over 97.5 0.6 0.2 1000 and Over 120.6 1.5 0.9 100-249 100-249 1000 and Over 117.1 1.3 0.7 1.0 1000 and Over 156.5 1.1 0.7 1.1 0.6 1.5 0.9 1000 and Over 156.5 1.1 0.7 1.1 0.6 1.5 0.5 1.1 0.7 1.1 0.6 1.5 0.9 1.1 0.7 1.1 0.6 1.5 0.9 1.1 0.7 1.1 0.6 1.5 0.9 1.1 0.7 1.1 0.7 1.1 0.6 1.5 0.9 1.1 0.7 1.1 0.5 0.5 0.3 1.1 0.7 1.1 0.5 0.5 0.3 0.5 0.3 0.5 0.5 0.3 0.5 0.		Employment Size			
100-249		Under 50	229.8	1.3	0.7
153.2 1.5 0.5 500-999					
107.3 0.9 0.6 1000 and Over 94.9 0.5 0.2 Total 97.5 0.6 0.2 Total 120.6 1.5 0.9 So.99 58.7 0.5 0.2 100-249 60.6 0.5 0.3 250-499 117.1 1.3 0.7 Total 160.9 2.0 1.1 Total 110.7 1.1 0.6 Total 110.7 1.1 0.6 Total 110.7 1.1 0.6 Total 136.7 1.0 0.6 So.99 136.7 1.0 0.7 100-249 101.6 0.7 0.4 250-499 101.6 0.7 0.4 250-499 119.0 Q 0.3					
1000 and Over 94.9 0.5 0.2 Total 97.5 0.6 0.2 337 FURNITURE AND RELATED PRODUCTS Employment Size					
Total 97.5 0.6 0.2 337 FURNITURE AND RELATED PRODUCTS Employment Size Under 50 120.6 1.5 0.9 50-99 58.7 0.5 0.2 100-249 60.6 0.5 0.3 250-499 117.1 1.3 0.7 500-999 160.9 2.0 1.1 1000 and Over 156.5 1.1 0.7 Total 110.7 1.1 0.6 Employment Size Under 50 92.8 1.0 0.6 50-99 136.7 1.0 0.7 100-249 136.7 1.0 0.7 100-249 130.24 101.6 0.7 0.4 250-499 119.0 Q 0.3					
FURNITURE AND RELATED PRODUCTS					
Employment Size		Total	91.3	0.0	0.2
Under 50	337	FURNITURE AND RELATED PRODUCTS			
Under 50		Employment Size			
50-99			120.6	1.5	0.9
250-499 117.1 1.3 0.7 500-999 160.9 2.0 1.1 1000 and Over 156.5 1.1 0.7 Total 110.7 1.1 0.6 339 MISCELLANEOUS Employment Size					
500-999 160.9 2.0 1.1 1000 and Over 156.5 1.1 0.7 Total 110.7 1.1 0.6 Employment Size Under 50 92.8 1.0 0.6 50-99 136.7 1.0 0.7 100-249 101.6 0.7 0.4 250-499 119.0 Q 0.3		100-249	60.6	0.5	
1000 and Over Total 156.5 1.1 0.7 Total 110.7 1.1 0.6 339 MISCELLANEOUS Employment Size Under 50 92.8 1.0 0.6 50-99 136.7 1.0 0.7 100-249 101.6 0.7 0.4 250-499 119.0 Q 0.3					
Total 110.7 1.1 0.6 339 MISCELLANEOUS Employment Size Under 50 92.8 1.0 0.6 50-99 136.7 1.0 0.7 100-249 101.6 0.7 0.4 250-499 119.0 Q 0.3					
339 MISCELLANEOUS Employment Size Under 50 92.8 1.0 0.6 50-99 136.7 1.0 0.7 100-249 101.6 0.7 0.4 250-499 119.0 Q 0.3					
Employment Size Under 50 92.8 1.0 0.6 50-99 136.7 1.0 0.7 100-249 101.6 0.7 0.4 250-499 119.0 Q 0.3		lotai	110.7	1.1	0.6
Under 50 92.8 1.0 0.6 50-99 136.7 1.0 0.7 100-249 101.6 0.7 0.4 250-499 119.0 Q 0.3	339	MISCELLANEOUS			
Under 50 92.8 1.0 0.6 50-99 136.7 1.0 0.7 100-249 101.6 0.7 0.4 250-499 119.0 Q 0.3		Employment Size			
50-99 136.7 1.0 0.7 100-249 101.6 0.7 0.4 250-499 119.0 Q 0.3			92.8	1.0	0.6
100-249 101.6 0.7 0.4 250-499 119.0 Q 0.3					
		100-249	101.6	0.7	0.4
500-999 210.8 0.7 0.6					
		500-999	210.8	0.7	0.6

Released: November 2009

Next MECS will be conducted in 2010

Table 6.4 Consumption Ratios of Fuel, 2006;

Level: National Data;

Row: Employment Sizes within NAICS Codes;

Column: Energy-Consumption Ratios;

Unit: Varies.

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	per Dollar of Value of Shipments (thousand Btu)
	1000 and Over	60.8	0.2	0.1
	Total	110.6	0.6	0.4

Consumption

- (a) The Bureau of the Census classifies establishments using the North American Industry Classification System (NAICS).
- (b) Employment Size categories were supplied by the Bureau of the Census.

NF=No applicable RSE row/column factor.

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 N3.2.

Source: Energy Information Administration, Office of Energy Markets 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.'

^{*} Estimate less than 0.5.