

Table E7.1. Consumption Ratios of Fuel, 1998;
 Level: National and Regional Data;
 Row: Values of Shipments and Employment Sizes;
 Column: Energy-Consumption Ratios;
 Unit: Varies.

Economic Characteristic(a)	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:	1.0	1.1	1.0	
Value of Shipments and Receipts (million dollars)				
Under 20	336.1	5.6	3.1	2.0
20-49	528.4	6.1	3.0	2.3
50-99	774.6	7.7	3.5	2.6
100-249	1,224.3	9.5	4.5	2.3
250-499	2,521.7	14.9	7.3	3.0
500 and Over	3,202.2	11.6	5.6	1.6
Total	1,101.1	9.4	4.6	1.0
Employment Size				
Under 50	507.3	6.7	3.4	2.6
50-99	561.6	6.7	3.2	3.0
100-249	913.6	9.2	4.4	2.0
250-499	1,196.6	10.9	5.2	2.6
500-999	1,694.6	13.2	6.7	2.3
1000 and Over	1,481.4	8.4	4.1	2.0
Total	1,101.1	9.4	4.6	1.0
Northeast Census Region				
RSE Column Factors:	1.1	1.0	0.9	
Value of Shipments and Receipts (million dollars)				
Under 20	220.1	3.5	2.0	4.0
20-49	425.6	4.5	2.3	6.3
50-99	527.7	4.8	2.3	6.0
100-249	967.8	7.1	3.6	5.3
250-499	1,214.9	6.5	3.7	11.0
500 and Over	2,116.6	7.8	4.3	3.3

Total	626.6	5.7	3.0	2.6
Employment Size				
Under 50	290.5	3.8	2.0	4.9
50-99	321.9	3.8	2.0	6.3
100-249	406.9	4.4	2.3	4.9
250-499	804.1	7.2	3.8	5.9
500-999	1,512.1	11.7	6.2	5.9
1000 and Over	739.7	4.2	2.4	5.3
Total	626.6	5.7	3.0	2.6

Midwest Census Region

RSE Column Factors:	1.0	1.0	1.0	
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Value of Shipments and Receipts (million dollars)

Under 20	311.0	5.0	2.9	2.6
20-49	504.4	5.7	2.7	3.6
50-99	682.1	6.8	3.2	3.3
100-249	913.0	6.9	3.3	4.3
250-499	1,295.8	7.9	3.7	4.0
500 and Over	2,464.5	10.4	4.5	2.0
Total	894.1	7.6	3.6	2.0

Employment Size

Under 50	471.5	6.1	3.1	3.9
50-99	454.7	5.3	2.5	4.0
100-249	718.6	7.6	3.6	3.3
250-499	883.9	8.0	3.9	3.6
500-999	854.1	6.7	3.5	4.3
1000 and Over	1,513.8	8.9	3.9	2.0
Total	894.1	7.6	3.6	2.0

South Census Region

RSE Column Factors:	0.9	1.1	1.0	
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Value of Shipments and Receipts (million dollars)

Under 20	474.6	8.8	4.6	3.0
20-49	569.0	7.3	3.4	3.0
50-99	965.1	10.4	4.6	3.3
100-249	1,523.8	12.7	5.7	3.3
250-499	4,026.0	24.6	11.2	3.6
500 and Over	5,738.2	16.6	8.2	2.9
Total	1,660.0	14.0	6.6	2.0

Employment Size				
Under 50	848.5	11.4	5.5	3.3
50-99	786.8	9.7	4.3	4.6
100-249	1,297.9	12.0	5.7	3.0
250-499	1,645.4	15.3	7.0	3.3
500-999	2,396.1	19.4	9.1	3.0
1000 and Over	2,238.2	12.6	6.3	2.9
Total	1,660.0	14.0	6.6	2.0

West Census Region

RSE Column Factors:	1.1	1.0	0.9	
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Value of Shipments and Receipts
(million dollars)

Under 20	298.2	4.8	2.7	4.0
20-49	582.5	6.2	3.0	6.6
50-99	760.8	6.7	3.2	7.3
100-249	1,345.5	9.9	4.8	6.3
250-499	2,785.9	15.9	8.5	8.0
500 and Over	1,500.1	5.9	3.1	3.0
Total	871.7	7.3	3.8	2.3

Employment Size

Under 50	361.8	4.8	2.5	5.3
50-99	623.4	7.6	3.7	7.7
100-249	1,105.3	11.4	5.2	5.6
250-499	1,098.6	9.7	4.7	6.6
500-999	1,710.5	12.0	6.7	5.9
1000 and Over	587.9	3.1	1.7	3.6
Total	871.7	7.3	3.8	2.3

(a) Value of Shipments and Receipts and Employment Size categories were supplied by Bureau of the Census.

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 N3.2.

Source: Energy Information Administration, Office of Energy Markets

and End Use, Energy Consumption Division, Form EIA-846, '1998 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '1998 Annual Survey of Manufactures.'

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