

Released: November 2017
 Next MECS will be fielded in 2019

Table 6.2 Consumption Ratios of Fuel, 2014;

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)
Total United States			
Value of Shipments and Receipts (million dollars)			
Under 20	300.1	2.8	1.6
20-49	435.3	3.2	1.6
50-99	845.3	4.8	2.2
100-249	990.5	4.7	2.0
250-499	2,129.7	7.4	3.2
500 and Over	4,229.5	9.0	3.0
Total	1,340.7	6.2	2.5
Employment Size			
Under 50	640.7	4.1	1.9
50-99	686.7	4.2	1.9
100-249	989.2	5.2	2.3
250-499	1,612.9	7.3	2.9
500-999	2,785.6	10.5	3.7
1000 and Over	1,685.6	5.5	2.1
Total	1,340.7	6.2	2.5
Northeast Census Region			
Value of Shipments and Receipts (million dollars)			
Under 20	330.6	2.9	1.7
20-49	459.2	3.1	1.5
50-99	625.3	2.9	1.5
100-249	780.2	4.0	1.7
250-499	1,725.5	4.3	2.3
500 and Over	1,291.3	3.6	1.8
Total	732.1	3.4	1.7
Employment Size			
Under 50	370.7	2.6	1.3
50-99	499.7	3.2	1.4
100-249	655.5	3.2	1.7
250-499	975.0	3.7	1.8
500-999	1,899.0	7.0	2.9
1000 and Over	742.9	2.7	1.6
Total	732.1	3.4	1.7

Midwest Census Region

Value of Shipments and Receipts**(million dollars)**

Under 20	304.9	2.9	1.6
20-49	354.5	2.9	1.4
50-99	753.2	4.6	2.0
100-249	855.1	4.1	1.7
250-499	1,981.5	6.2	2.7
500 and Over	3,245.3	7.4	2.5
Total	1,026.3	5.1	2.1

Employment Size

Under 50	857.8	5.8	2.5
50-99	764.1	4.8	2.1
100-249	795.5	4.1	1.7
250-499	870.5	4.7	2.0
500-999	1,212.7	6.5	2.5
1000 and Over	1,866.5	5.5	2.0
Total	1,026.3	5.1	2.1

South Census Region

Value of Shipments and Receipts**(million dollars)**

Under 20	377.5	3.4	2.0
20-49	574.6	4.1	2.0
50-99	962.8	5.9	2.5
100-249	1,222.5	5.5	2.3
250-499	2,988.4	10.4	4.5
500 and Over	7,254.7	13.0	3.9
Total	2,198.2	9.0	3.3

Employment Size

Under 50	766.1	4.4	2.1
50-99	959.7	4.8	2.2
100-249	1,371.5	7.0	2.9
250-499	2,609.3	9.7	3.9
500-999	4,987.6	14.3	4.5
1000 and Over	2,580.2	9.0	2.8
Total	2,198.2	9.0	3.3

West Census Region

Value of Shipments and Receipts**(million dollars)**

Under 20	192.1	1.9	1.0
20-49	359.3	2.3	1.2
50-99	980.7	5.0	2.4
100-249	1,077.5	5.8	2.4
250-499	995.2	4.8	1.9
500 and Over	2,882.2	6.3	2.3
Total	949.8	4.7	2.0

Employment Size

Under 50	401.2	2.6	1.3
50-99	331.4	2.4	1.2
100-249	886.0	5.5	2.3
250-499	1,943.2	10.3	2.8
500-999	1,986.1	7.4	3.2
1000 and Over	936.1	2.9	1.4
Total	949.8	4.7	2.0

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

* 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: 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.

Sources: Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2014 Annual Survey of Manufactures.'

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RSE Table 6.2 Relative Standard Errors for Table 6.2;

Unit: Percents.

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)
Total United States			
Value of Shipments and Receipts (million dollars)			
Under 20	6.4	6.6	6.3
20-49	8.4	6.2	5.3
50-99	6.2	6.8	5.4
100-249	6.1	6.7	5.7
250-499	7.3	9.0	6.1
500 and Over	4.8	4.8	2.4
Total	2.1	2.4	1.6
Employment Size			
Under 50	5.5	6.2	5.8
50-99	5.7	6.6	6.2
100-249	4.5	5.7	4.1
250-499	6.3	4.9	3.7
500-999	10.7	7.8	4.3
1000 and Over	5.3	6.5	3.6
Total	2.1	2.4	1.6
Northeast Census Region			
Value of Shipments and Receipts (million dollars)			
Under 20	11.1	11.1	10.8
20-49	10.0	10.3	9.4
50-99	13.3	25.2	15.3
100-249	16.8	14.4	14.5
250-499	25.6	33.7	24.1
500 and Over	29.6	35.7	19.4
Total	6.3	11.0	7.2
Employment Size			
Under 50	13.8	14.2	15.5
50-99	10.6	11.6	11.9
100-249	9.6	17.8	12.1
250-499	17.4	14.1	12.8
500-999	18.7	15.2	9.4
1000 and Over	28.3	49.1	30.6
Total	6.3	11.0	7.2
Midwest Census Region			

Value of Shipments and Receipts**(million dollars)**

Under 20	8.6	9.0	8.8
20-49	18.9	10.6	8.6
50-99	12.1	11.2	10.1
100-249	11.8	13.4	11.1
250-499	14.1	16.0	9.8
500 and Over	5.3	6.7	4.1
Total	4.6	4.1	3.2

Employment Size

Under 50	9.8	9.8	10.0
50-99	8.2	8.6	8.9
100-249	8.4	12.8	9.5
250-499	10.6	8.1	6.9
500-999	27.0	12.6	8.2
1000 and Over	7.8	9.1	5.7
Total	4.6	4.1	3.2

South Census Region**Value of Shipments and Receipts****(million dollars)**

Under 20	15.4	16.4	15.1
20-49	11.4	11.8	10.1
50-99	10.4	10.7	9.1
100-249	8.5	9.7	8.3
250-499	12.5	14.0	10.5
500 and Over	5.5	6.3	3.0
Total	3.4	3.8	2.5

Employment Size

Under 50	9.5	13.4	11.0
50-99	12.3	16.2	14.2
100-249	7.5	6.5	5.1
250-499	10.5	7.4	6.0
500-999	11.4	13.4	6.1
1000 and Over	5.7	6.5	4.1
Total	3.4	3.8	2.5

West Census Region**Value of Shipments and Receipts****(million dollars)**

Under 20	13.0	13.3	12.7
20-49	15.4	13.1	11.0
50-99	17.1	17.6	13.2
100-249	11.7	9.2	8.4
250-499	16.7	26.5	14.2
500 and Over	6.3	6.6	4.4
Total	4.4	4.6	3.2

Employment Size

Under 50	11.8	12.3	11.5
50-99	10.6	10.9	10.1

100-249	13.2	13.2	8.7
250-499	15.9	16.0	7.8
500-999	16.4	25.8	14.4
1000 and Over	8.1	5.4	5.0
Total	4.4	4.6	3.2

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

* 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.

X=Not defined because RSE corresponds to a value of zero.

-- Estimation is not applicable. Energy source is not included in series.

Notes: 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.

Sources: Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2014 Annual 'Survey of Manufactures.'