

Released: November 2017
 Next MECS will be fielded in 2019

Table 7.5 Average Prices of Selected Purchased Energy Sources, 2014;

Level: National and Regional Data;
 Row: Values of Shipments and Employment Sizes;
 Column: Energy Sources;
 Unit: U.S. Dollars per Million Btu.

Economic Characteristic(a)	Electricity	Residual Fuel Oil	Distillate Fuel Oil(b)	Natural Gas(c)	HGL (excluding natural gasoline)(d)	Coal
Total United States						
Value of Shipments and Receipts						
(million dollars)						
Under 20	30.81	14.06	22.66	6.54	21.80	3.41
20-49	24.02	17.77	25.31	6.16	16.99	3.59
50-99	22.04	13.40	21.61	5.63	11.69	3.55
100-249	20.28	14.22	22.23	5.49	30.30	3.98
250-499	17.90	15.82	21.73	4.99	Q	3.93
500 and Over	16.79	14.22	21.28	4.89	11.85	3.94
Total	20.70	14.34	22.43	5.24	12.20	3.88
Employment Size						
Under 50	28.07	13.90	22.67	5.80	11.35	3.43
50-99	23.62	13.69	23.98	5.54	11.19	3.88
100-249	21.45	14.76	21.94	5.29	14.24	3.83
250-499	19.00	15.29	22.58	5.08	10.72	3.33
500-999	16.84	14.85	21.83	5.05	13.60	4.07
1000 and Over	19.20	16.09	21.98	5.08	10.10	4.29
Total	20.70	14.34	22.43	5.24	12.20	3.88
Northeast Census Region						
Value of Shipments and Receipts						
(million dollars)						
Under 20	31.17	13.87	20.67	7.94	22.69	6.36
20-49	28.36	17.99	22.81	7.04	20.84	4.69
50-99	26.92	16.80	22.74	6.79	20.89	4.80
100-249	23.12	17.99	22.67	6.31	19.05	4.62
250-499	17.69	16.53	25.00	5.43	Q	3.92
500 and Over	22.07	16.46	22.31	5.55	7.83	4.39
Total	24.95	16.90	21.91	6.34	8.75	4.41
Employment Size						
Under 50	29.23	13.56	20.81	7.59	22.01	4.77
50-99	29.00	19.10	21.31	6.50	24.23	5.17
100-249	25.31	17.18	24.06	6.65	6.81	4.35
250-499	23.71	20.98	23.13	5.59	13.57	4.85
500-999	18.72	16.44	22.34	6.26	47.31	3.64
1000 and Over	24.11	17.73	22.26	5.76	19.07	4.39
Total	24.95	16.90	21.91	6.34	8.75	4.41
Midwest Census Region						
Value of Shipments and Receipts						
(million dollars)						
Under 20	27.44	12.20	23.87	6.47	20.84	2.69

20-49	22.94	15.23	23.37	6.47	14.70	3.06
50-99	21.73	13.94	22.05	5.73	20.31	3.09
100-249	20.52	15.42	23.55	5.52	23.87	4.25
250-499	18.53	10.78	22.43	5.32	29.70	3.75
500 and Over	16.62	16.55	21.52	5.31	4.61	3.72
Total	20.28	14.04	22.68	5.60	9.38	3.73

Employment Size

Under 50	24.36	13.66	24.21	5.80	14.92	3.37
50-99	22.45	15.41	21.85	5.74	26.02	3.90
100-249	21.91	16.53	22.24	5.62	27.60	4.03
250-499	19.35	13.72	22.84	5.47	4.99	2.47
500-999	16.84	16.52	18.97	5.80	20.61	3.65
1000 and Over	18.83	16.57	22.65	5.31	21.81	4.69
Total	20.28	14.04	22.68	5.60	9.38	3.73

**South Census
Region**

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

Under 20	25.74	13.66	21.14	5.94	21.64	3.86
20-49	21.53	16.90	26.66	5.46	19.16	3.88
50-99	20.23	12.92	20.49	5.26	11.15	4.10
100-249	18.78	14.00	21.32	5.20	35.54	4.19
250-499	17.21	14.83	19.30	4.77	Q	4.51
500 and Over	15.65	13.64	20.82	4.65	12.38	4.11
Total	18.50	13.85	21.69	4.84	12.49	4.18

Employment Size

Under 50	23.26	13.92	20.83	5.33	10.51	4.14
50-99	20.32	13.52	26.42	4.80	10.12	4.11
100-249	19.59	14.38	21.48	4.85	15.44	4.09
250-499	17.71	15.18	21.01	4.82	11.77	4.61
500-999	16.10	13.41	21.13	4.74	13.43	4.32
1000 and Over	16.96	15.26	20.73	4.80	10.05	3.64
Total	18.50	13.85	21.69	4.84	12.49	4.18

**West Census
Region**

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

Under 20	44.94	17.15	25.55	6.79	22.91	3.41
20-49	29.94	0.00	24.15	6.17	24.09	3.21
50-99	23.31	0.00	22.91	5.42	20.30	3.17
100-249	22.62	12.81	22.57	5.58	18.21	1.93
250-499	18.94	16.34	25.59	4.71	20.28	2.74
500 and Over	19.18	0.00	22.46	5.36	19.00	2.49
Total	25.47	13.77	24.39	5.49	21.84	2.73

Employment Size

Under 50	43.20	17.15	25.54	6.17	23.39	3.32
50-99	32.39	0.00	22.21	5.75	22.60	3.00
100-249	23.38	10.94	21.70	5.70	20.03	2.55
250-499	20.12	13.58	24.50	5.19	24.61	2.64
500-999	18.76	16.34	25.83	5.14	16.02	3.50
1000 and Over	22.17	0.00	22.80	5.56	21.74	2.49
Total	25.47	13.77	24.39	5.49	21.84	2.73

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

(b) 'Distillate Fuel Oil' includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.

(c) 'Natural Gas' includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.

(d) Hydrocarbon Gas Liquids '(HGL)' include ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids (NGL).

* 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.

-- Estimation is not applicable.

Notes: Totals may not equal sum of components because of independent rounding.

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 7.5 Relative Standard Errors for Table 7.5;

Unit: Percents.

Economic Characteristic(a)	Electricity	Residual Fuel Oil	Distillate Fuel Oil(b)	Natural Gas(c)	HGL (excluding natural gasoline)(d)	Coal
Total United States						
Value of Shipments and Receipts (million dollars)						
Under 20	9.4	2.2	4.2	1.4	2.7	1.3
20-49	1.6	11.2	6.5	2.9	16.1	2.1
50-99	1.5	0.1	0.7	1.0	0.7	2.0
100-249	1.0	0.2	2.7	0.5	10.1	0.6
250-499	0.6	0.1	0.7	0.3	57.4	0.1
500 and Over	0.3	0.1	1.0	0.1	1.1	0.1
Total	1.6	0.4	1.6	0.3	1.2	0.3
Employment Size						
Under 50	10.1	0.7	4.3	1.0	1.4	0.9
50-99	1.8	1.0	8.9	1.3	30.1	2.3
100-249	0.9	0.1	2.2	0.5	3.1	0.4
250-499	1.0	2.2	2.1	0.4	0.2	0.8
500-999	0.7	0.1	1.2	0.7	0.1	0.1
1000 and Over	0.7	0.1	1.5	0.2	0.1	0.1
Total	1.6	0.4	1.6	0.3	1.2	0.3
Northeast Census Region						
Value of Shipments and Receipts (million dollars)						
Under 20	4.1	1.9	6.9	2.8	3.2	2.3
20-49	4.0	15.6	4.6	4.2	7.2	0.1
50-99	4.3	0.1	3.9	4.2	3.2	1.7
100-249	2.9	2.1	4.2	1.9	14.8	14.2
250-499	3.2	0.1	3.7	0.9	116.2	0.1
500 and Over	1.6	0.1	7.1	1.2	0.1	0.1
Total	1.4	1.3	3.0	1.1	1.3	0.5
Employment Size						
Under 50	3.9	1.1	7.2	3.8	5.0	0.1
50-99	5.1	17.6	3.4	2.9	7.0	0.1
100-249	2.8	0.1	3.7	2.8	0.8	0.7
250-499	3.4	10.9	6.2	1.7	35.1	8.8
500-999	2.4	0.1	4.0	1.7	0.2	0.1
1000 and Over	2.2	0.1	9.2	1.5	2.8	0.1
Total	1.4	1.3	3.0	1.1	1.3	0.5
Midwest Census Region						
Value of Shipments and Receipts (million dollars)						
Under 20	2.2	6.2	5.7	2.6	6.8	0.2
20-49	2.3	3.8	1.7	5.0	28.6	5.9
50-99	2.3	0.1	1.3	1.4	6.9	4.5

100-249	2.2	0.9	2.7	0.8	4.1	1.0
250-499	1.3	1.0	3.4	0.4	0.3	0.1
500 and Over	0.4	0.1	2.3	0.2	0.4	0.1
Total	0.8	0.5	1.9	0.6	2.2	0.5

Employment Size

Under 50	2.0	0.6	5.3	1.4	27.7	1.0
50-99	2.3	0.1	6.0	1.2	4.2	5.8
100-249	1.4	0.1	0.9	1.1	2.9	0.9
250-499	2.3	0.1	3.7	1.0	1.5	0.1
500-999	1.4	0.1	8.7	3.4	2.3	0.1
1000 and Over	0.7	0.1	0.8	0.3	0.9	0.3
Total	0.8	0.5	1.9	0.6	2.2	0.5

South Census Region

Value of Shipments and Receipts (million dollars)

Under 20	5.1	4.6	6.7	2.2	3.8	4.9
20-49	2.6	0.8	10.7	5.6	5.5	1.7
50-99	1.7	0.2	0.9	1.3	0.5	0.4
100-249	1.3	0.1	6.4	0.9	12.3	0.2
250-499	0.9	0.1	2.2	0.4	112.1	0.1
500 and Over	0.3	0.1	0.2	0.1	1.2	0.1
Total	0.7	0.1	2.8	0.3	1.4	0.1

Employment Size

Under 50	4.1	3.0	6.8	1.4	1.5	9.1
50-99	2.5	0.1	16.3	3.4	29.7	0.2
100-249	1.2	0.1	4.9	0.6	4.3	0.4
250-499	1.1	0.9	4.8	0.4	0.2	0.1
500-999	1.0	0.1	0.9	0.3	0.1	0.2
1000 and Over	0.7	0.1	2.0	0.2	0.1	0.1
Total	0.7	0.1	2.8	0.3	1.4	0.1

West Census Region

Value of Shipments and Receipts (million dollars)

Under 20	38.4	14.5	11.8	1.9	5.6	0.1
20-49	3.3	X	2.5	1.8	13.9	0.1
50-99	5.4	X	0.7	3.3	4.5	0.1
100-249	1.7	0.1	2.9	0.9	6.5	0.1
250-499	1.4	0.1	2.0	0.8	5.3	0.1
500 and Over	1.0	X	1.3	0.1	4.7	0.1
Total	8.9	1.8	4.2	0.5	3.7	0.1

Employment Size

Under 50	41.4	14.5	11.9	4.3	6.6	0.1
50-99	3.2	X	1.7	1.2	3.5	0.1
100-249	3.8	0.1	2.2	1.0	4.8	0.1
250-499	2.6	0.1	0.5	0.5	19.9	0.3
500-999	1.9	0.1	2.8	0.4	12.1	0.1
1000 and Over	1.6	X	0.3	0.3	10.7	0.1
Total	8.9	1.8	4.2	0.5	3.7	0.1

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

(b) 'Distillate Fuel Oil' includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.

(c) 'Natural Gas' includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.

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* Estimate less than 0.5.

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