

**Table 4.3 Offsite-Produced Fuel Consumption, 2002;**  
**Level: National and Regional Data;**  
**Row: Values of Shipments and Employment Sizes;**  
**Column: Energy Sources;**  
**Unit: Trillion Btu.**

<b>Economic Characteristic(a)</b>	<b>Total</b>	<b>Electricity(b)</b>	<b>Residual Fuel Oil</b>	<b>Distillate Fuel Oil(c)</b>	<b>Natural Gas(d)</b>	<b>LPG and NGL(e)</b>	<b>Coal</b>	<b>Coke and Breeze</b>	<b>Other(f)</b>	<b>RSE Row Factors</b>
<b>Total United States</b>										
<b>RSE Column Factors:</b>	0.6	0.6	1.3	2.2	0.7	1.4	1.5	0.6	1	
<b>Value of Shipments and Receipts (million dollars)</b>										
Under 20	1,276	437	15	50	598	W	47	W	97	14.5
20-49	1,258	417	28	22	590	W	112	W	72	6.1
50-99	1,463	401	17	W	731	7	185	W	97	4.9
100-249	2,041	571	43	17	968	8	253	7	175	4.6
250-499	1,962	475	54	W	826	W	326	W	255	5.6
500 and Over	3,971	618	38	W	2,077	37	259	W	607	1.5
<b>Total</b>	<b>11,970</b>	<b>2,918</b>	<b>197</b>	<b>137</b>	<b>5,790</b>	<b>84</b>	<b>1,182</b>	<b>362</b>	<b>1,302</b>	<b>3.3</b>
<b>Employment Size</b>										
Under 50	853	258	W	39	419	W	37	W	Q	9.5
50-99	1,005	248	W	W	546	W	88	W	65	12.9
100-249	2,222	623	W	W	1,046	12	292	W	182	4.9
250-499	2,427	637	41	W	1,229	W	253	13	230	6.2
500-999	2,530	560	60	W	1,089	34	269	W	492	3.8
1000 and Over	2,933	591	W	W	1,460	W	242	W	253	2.1
<b>Total</b>	<b>11,970</b>	<b>2,918</b>	<b>197</b>	<b>137</b>	<b>5,790</b>	<b>84</b>	<b>1,182</b>	<b>362</b>	<b>1,302</b>	<b>3.3</b>
<b>Northeast Census Region</b>										
<b>RSE Column Factors:</b>	0.8	1.1	1.1	1.9	1	1.7	0.6	0.7	0.9	
<b>Value of Shipments and Receipts (million dollars)</b>										
Under 20	248	89	9	W	105	W	W	W	9	15.9
20-49	190	59	11	6	80	W	22	W	11	8
50-99	187	53	11	W	94	W	11	W	13	5.6
100-249	196	59	16	2	80	1	23	*	15	4.1
250-499	142	33	4	W	72	W	W	0	21	2.8
500 and Over	232	50	14	W	107	*	W	0	43	1.1
<b>Total</b>	<b>1,196</b>	<b>342</b>	<b>66</b>	<b>28</b>	<b>538</b>	<b>9</b>	<b>92</b>	<b>10</b>	<b>111</b>	<b>5.8</b>

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<b>Economic Characteristic(a)</b>	<b>Total</b>	<b>Electricity(b)</b>	<b>Residual Fuel Oil</b>	<b>Distillate Fuel Oil(c)</b>	<b>Natural Gas(d)</b>	<b>LPG and NGL(e)</b>	<b>Coal</b>	<b>Coke and Breeze</b>	<b>Other(f)</b>	<b>RSE Row Factors</b>
<b>Employment Size</b>										
Under 50	119	W	3	10	53	2	W	0	7	13.1
50-99	156	W	8	W	67	W	9	W	7	13.1
100-249	263	74	14	W	110	3	W	W	16	6.2
250-499	216	69	14	3	105	1	6	1	18	4.6
500-999	209	52	17	2	99	W	W	W	25	3.7
1000 and Over	232	54	10	W	104	W	W	0	39	1.6
<b>Total</b>	<b>1,196</b>	<b>342</b>	<b>66</b>	<b>28</b>	<b>538</b>	<b>9</b>	<b>92</b>	<b>10</b>	<b>111</b>	<b>5.8</b>
<b>Midwest Census Region</b>										
<b>RSE Column Factors:</b>	0.6	0.7	1.7	2.7	0.7	2.1	0.8	0.2	1.9	
<b>Value of Shipments and Receipts (million dollars)</b>										
Under 20	498	145	W	W	241	W	22	W	Q	17.3
20-49	353	119	2	W	179	W	23	2	25	11
50-99	481	128	1	4	236	3	75	4	31	8.3
100-249	510	141	5	2	231	W	103	W	22	5.6
250-499	429	143	W	1	173	W	76	W	30	8.4
500 and Over	1,078	187	7	W	434	W	146	234	57	3.2
<b>Total</b>	<b>3,349</b>	<b>863</b>	<b>17</b>	<b>29</b>	<b>1,494</b>	<b>16</b>	<b>445</b>	<b>253</b>	<b>232</b>	<b>6.4</b>
<b>Employment Size</b>										
Under 50	310	78	W	3	150	W	21	W	Q	10.7
50-99	284	70	W	W	176	W	21	W	9	14.6
100-249	658	170	W	W	286	3	W	5	70	10.3
250-499	742	204	2	W	319	W	162	Q	42	8.6
500-999	423	138	W	W	196	W	55	8	19	4.4
1000 and Over	932	203	7	W	367	W	W	233	39	3.7
<b>Total</b>	<b>3,349</b>	<b>863</b>	<b>17</b>	<b>29</b>	<b>1,494</b>	<b>16</b>	<b>445</b>	<b>253</b>	<b>232</b>	<b>6.4</b>

**South Census Region**

**RSE Column Factors:** 0.7      0.7      1.3      1.9      0.7      1.7      1.9      0.4      0.9

**Value of Shipments and Receipts**

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<b>Economic Characteristic(a)</b>	<b>Total</b>	<b>Electricity(b)</b>	<b>Residual Fuel Oil</b>	<b>Distillate Fuel Oil(c)</b>	<b>Natural Gas(d)</b>	<b>LPG and NGL(e)</b>	<b>Coal</b>	<b>Coke and Breeze</b>	<b>Other(f)</b>	<b>RSE Row Factors</b>
<b>(million dollars)</b>										
Under 20	354	144	Q	14	156	6	W	W	18	15.2
20-49	537	179	15	W	256	W	45	W	26	9.7
50-99	615	172	3	W	312	3	74	W	42	7.1
100-249	994	281	18	11	507	4	74	2	97	7.2
250-499	1,226	247	46	W	504	W	238	W	180	5.5
500 and Over	2,365	326	16	W	1,352	W	W	W	453	1.2
<b>Total</b>	<b>6,092</b>	<b>1,349</b>	<b>104</b>	<b>53</b>	<b>3,086</b>	<b>49</b>	<b>540</b>	<b>97</b>	<b>815</b>	<b>3.5</b>
<b>Employment Size</b>										
Under 50	300	103	Q	14	154	W	4	W	19	14.8
50-99	420	91	14	5	232	W	27	W	45	17.7
100-249	981	283	10	W	511	W	93	W	66	6.8
250-499	1,136	273	20	6	625	4	68	6	134	3.5
500-999	1,673	317	38	13	676	30	201	*	397	4.6
1000 and Over	1,584	282	19	W	888	W	148	W	153	2.4
<b>Total</b>	<b>6,092</b>	<b>1,349</b>	<b>104</b>	<b>53</b>	<b>3,086</b>	<b>49</b>	<b>540</b>	<b>97</b>	<b>815</b>	<b>3.5</b>
<b>West Census Region</b>										
<b>RSE Column Factors:</b>	<b>1.1</b>	<b>1.1</b>	<b>0.5</b>	<b>3.6</b>	<b>1.5</b>	<b>3</b>	<b>0.4</b>	<b>0.2</b>	<b>1.3</b>	
<b>Value of Shipments and Receipts (million dollars)</b>										
Under 20	176	58	W	11	95	W	W	W	3	10.1
20-49	178	61	*	5	76	W	22	W	11	4.7
50-99	180	48	2	3	89	W	25	W	11	4.4
100-249	340	90	4	2	152	W	52	W	40	2.4
250-499	164	53	W	5	77	*	W	0	24	4.6
500 and Over	295	54	1	1	183	3	0	0	54	4.3
<b>Total</b>	<b>1,333</b>	<b>364</b>	<b>10</b>	<b>27</b>	<b>672</b>	<b>10</b>	<b>105</b>	<b>1</b>	<b>143</b>	<b>3.1</b>
<b>Employment Size</b>										
Under 50	124	W	*	12	62	W	W	*	2	9.2
50-99	145	W	1	3	71	W	32	*	4	8.4
100-249	319	96	3	W	139	W	46	*	30	3.3
250-499	334	92	5	1	180	2	18	1	35	3.6

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<b>Economic Characteristic(a)</b>	<b>Total</b>	<b>Electricity(b)</b>	<b>Residual Fuel Oil</b>	<b>Distillate Fuel Oil(c)</b>	<b>Natural Gas(d)</b>	<b>LPG and NGL(e)</b>	<b>Coal</b>	<b>Coke and Breeze</b>	<b>Other(f)</b>	<b>RSE Row Factors</b>
500-999	226	53	1	W	118	W	W	0	51	2.1
1000 and Over	185	53	*	6	102	2	*	0	22	2.3
<b>Total</b>	<b>1,333</b>	<b>364</b>	<b>10</b>	<b>27</b>	<b>672</b>	<b>10</b>	<b>105</b>	<b>1</b>	<b>143</b>	<b>3.1</b>

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

(b) 'Electricity' consists of quantities of electricity that were purchased or transferred in, and is equivalent to 'purchased electricity' as defined in the 'Annual Survey of Manufactures.'

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

(d) '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.

(e) Examples of Liquefied Petroleum Gases '(LPG)' are 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).'

(f) 'Other' includes all other energy that was purchased or transferred in and not shown elsewhere.

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. The derived estimates presented in this table represent the consumption of energy originally produced offsite, acquired as a result of a purchase or transfer and consumed onsite for the production of heat and power. This definition is consistent with the definition of 'purchased' fuels and electric energy used by the Bureau of the Census in the preparation of 'Fuels and Electric Energy Consumed,' of the 'Annual Survey of Manufactures,' for 1974 through 1981.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2002 Manufacturing

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Energy Consumption Survey,' and Office of Oil and Gas, Petroleum  
Supply Division, Form EIA-810, 'Monthly Refinery Report' for 2002, and the Bureau  
of the Census, data files for the '2002 Economic Census, Manufacturing - Industry Series.'