**Table 20. 1998 Building Component Energy Consumption (Trillion Btu)**

| | | Building Use and Energy Source | | | | | |
|---|---|---|---|---|---|---|---|
| Industry | Region | Lighting Electricity Consumption | HVAC Electricity Consumption | HVAC Natural Gas Consumption | HVAC Steam Consumption | Facility Support Total Consumptiion | Onsite Transportation Total Consumption |
| Food & Kindred Products | 1 | 1.5 | 1.7 | 2.5 | 1.9 | 0.9 | 0.4 |
| | 2 | 6,5 | 7.3 | 12.1 | 9.1 | 4.4 | 1.8 |
| | 3 | 5.6 | 6.3 | 7.7 | 5.8 | 2.9 | 2.6 |
| | 4 | 2.5 | 2.8 | 5.6 | 4.2 | 1.9 | 1.3 |
| Paper & Allied Products | 1 | 2.4 | 2.7 | 1.5 | 0.3 | 0.7 | 1.7 |
| | 2 | 4.0 | 4.5 | 3.4 | 0.6 | 1.3 | 1.0 |
| | 3 | 7.6 | 8.5 | 8.8 | 1.6 | 2.8 | 3.0 |
| | 4 | 3.0 | 3.4 | 3.3 | 0.6 | 1.1 | 1.0 |
| Bulk Chemicals | 1 | 1.1 | 1.6 | 0.4 | 0.0 | 0.4 | 0.0 |
| | 2 | 3.3 | 4.8 | 1.5 | 0.0 | 1.2 | 0.0 |
| | 3 | 10.2 | 14.7 | 18.3 | 0.0 | 4.9 | 0.0 |
| | 4 | 1.0 | 1.5 | 1.0 | 0.0 | 0.4 | 0.0 |
| Glass & Glass Products | 1 | 0.4 | 0.6 | 1.5 | 0.0 | 0.0 | 0.0 |
| | 2 | 0.5 | 0.8 | 1.6 | 0.0 | 0.0 | 0.0 |
| | 3 | 0.8 | 1.2 | 2.3 | 0.0 | 0.0 | 0.0 |
| | 4 | 0.2 | 0.4 | 0.6 | 0.0 | 0.0 | 0.0 |
| Hydraulic Cement | 1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 |
| | 2 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.5 |
| | 3 | 0.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.5 |
| | 4 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.3 |
| Blast Furnaces & Basic Steel | 1 | 0.9 | 0.7 | 1.9 | 0.0 | 0.5 | 0.5 |
| | 2 | 2.5 | 2.1 | 10.8 | 0.0 | 2.2 | 1.5 |
| | 3 | 2.0 | 1.7 | 4.4 | 0.0 | 1.1 | 1.2 |
| | 4 | 0.5 | 0.4 | 1.0 | 0.0 | 0.3 | 0.2 |
| Aluminum | 1 | 0.3 | 0.3 | 0.4 | 0.0 | 0.2 | 0.2 |
| | 2 | 0.9 | 1.1 | 1.0 | 0.0 | 0.4 | 0.1 |
| | 3 | 1.4 | 1.8 | 3.2 | 0.0 | 1.0 | 0.1 |
| | 4 | 1.4 | 1.7 | 0.4 | 0.0 | 0.4 | 0.1 |
| Metal Based Durables | 1 | 12.4 | 15.7 | 28.1 | 10.8 | 5.2 | 3.4 |
| | 2 | 39.1 | 49.4 | 100.1 | 38.4 | 14.4 | 7.5 |
| | 3 | 25.2 | 31.8 | 45.0 | 17.3 | 11.3 | 7.1 |
| | 4 | 13.9 | 17.6 | 19.6 | 7.5 | 4.6 | 1.8 |
| Balance of Manufacturing | 1 | 10.0 | 13.6 | 18.7 | 15.5 | 3.9 | 6.2 |
| | 2 | 22.0 | 29.8 | 38.1 | 31.5 | 8.4 | 3.6 |
| | 3 | 37.1 | 50.3 | 53.4 | 44.2 | 13.0 | 11.5 |
| | 4 | 9.4 | 12.8 | 21.7 | 17.9 | 4.1 | 3.7 |

HVAC = Heating, Ventilation, Air Conditioning.

Source: Energy Information Administration, *Model Documentation Report: Industrial Demand Module of the National Energy Modeling System*, DOE/EIA-M064(2004), (Washington, DC, 2004).