### Table 2.4 Industrial Sector Energy Consumption (Trillion Btu)

<table>
<thead>
<tr>
<th>Primary Consumption&lt;sup&gt;a&lt;/sup&gt;</th>
<th>Fossil Fuels&lt;sup&gt;b&lt;/sup&gt;</th>
<th>Renewable Energy&lt;sup&gt;c&lt;/sup&gt;</th>
<th>Total&lt;sup&gt;d&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal</td>
<td>Natural Gas&lt;sup&gt;e&lt;/sup&gt;</td>
<td>Petroleum&lt;sup&gt;f&lt;/sup&gt;</td>
<td>Total&lt;sup&gt;g&lt;/sup&gt;</td>
</tr>
<tr>
<td>Hydroelectric Power&lt;sup&gt;h&lt;/sup&gt;</td>
<td>Geothermal</td>
<td>Solar&lt;sup&gt;i&lt;/sup&gt;</td>
<td>Wind</td>
</tr>
<tr>
<td>Biomass</td>
<td>Total</td>
<td>Total</td>
<td>Total</td>
</tr>
<tr>
<td>Total&lt;sup&gt;j&lt;/sup&gt;</td>
<td>Electric&lt;sup&gt;k&lt;/sup&gt;</td>
<td>System&lt;sup&gt;l&lt;/sup&gt;</td>
<td>Total&lt;sup&gt;m&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

#### Data Notes and Definitions:
- **Primary Consumption** includes power, heat, and fuels used by the industrial sector.
- **Electricity** includes industrial and non-industrial uses.
- **Total** includes renewables and all fossil fuels.
- **Data** are estimates, except for coal totals; hydroelectric power in 1949–1978 and 1989 forward; solar; wind; and electricity retail sales.
- **Industrial sector includes** industrial combined-heat-and-power (CHP) and industrial electric-only plants. See Note 2, “Classification of Power Plants Into Energy-Use Sectors,” at end of Section 7.
- **Electricity sales** are calculated as the primary energy consumed by the electric power sector minus the energy content of electricity retail sales. Total losses are allocated to the end-use sectors in proportion to each sector’s share of total electricity retail sales. See Note 1, “Electric System Energy Losses,” at end of section.

#### 1950–2018 Data Trends:
- **1950 Total**...
- **1955 Total**...
- **1960 Total**...
- **1965 Total**...
- **1970 Total**...
- **1975 Total**...
- **1980 Total**...
- **1985 Total**...
- **1990 Total**...
- **1995 Total**...
- **2000 Total**...
- **2005 Total**...
- **2010 Total**...
- **2015 Total**...
- **2020 Total**...
- **2025 Total**...

#### Geographic Coverage:
- **Geographic coverage** is the 50 states and the District of Columbia.

#### Other Notes:
- **Data** are estimates, except for coal totals; hydroelectric power in 1949–1978 and 1989 forward; solar; wind; and electricity retail sales.
- **Electricity sales** are calculated as the primary energy consumed by the electric power sector minus the energy content of electricity retail sales. Total losses are allocated to the end-use sectors in proportion to each sector’s share of total electricity retail sales. See Note 1, “Electric System Energy Losses,” at end of section.

#### References:
- **See Table 10.2b for notes on series components and estimation.
- **See Note 1, “Electrical System Energy Losses,” at end of section.
- **See Note 2, “Classification of Power Plants Into Energy-Use Sectors,” at end of Section 7.
- **See Note 3, “Supplemental Gaseous Fuels,” at end of Section 4.

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### Footnotes:
- **<sup>a</sup> See “Primary Energy Consumption” in Glossary.
- **<sup>b</sup> Includes non-combustion use of fossil fuels.
- **<sup>c</sup> See Table 10.2b for series components and estimation.
- **<sup>d</sup> Does not include biofuels that have been blended with petroleum—biofuels are included in “Biomass.”
- **<sup>e</sup> Includes coal coke net imports, which are not separately displayed.
- **<sup>f</sup> Conventional hydroelectric power.
- **<sup>g</sup> Solar photovoltaic (PV) electricity net generation in the industrial sector, both utility-scale and distributed (small-scale). See Table 10.2b and 10.5.
- **<sup>h</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
- **<sup>i</sup> Total losses are calculated as the primary energy consumed by the electric power sector minus the energy content of electricity retail sales. Total losses are allocated to the end-use sectors in proportion to each sector’s share of total electricity retail sales. See Note 1, “Electric System Energy Losses,” at end of section.
- **<sup>j</sup> R- Revised. NA-Not available. – No data reported. (s)-Less than 0.5 trillion Btu.
- **<sup>k</sup> Data are estimates, except for coal totals; solar; wind; and electricity retail sales.
- **<sup>l</sup> Geographic coverage is the 50 states and the District of Columbia.

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### Sources:
- **See end of section.**