Table 7.4a Consumption of Combustible Fuels for Electricity Generation and Useful Thermal Output: Total (All Sectors)  
(Sum of Tables 7.4b and 7.4c)

<table>
<thead>
<tr>
<th>Year</th>
<th>Coala</th>
<th>Distillate Fuel Oilb</th>
<th>Residual Fuel Oilb</th>
<th>Petroleum Cokeb</th>
<th>Petroleum</th>
<th>Natural Gasc</th>
<th>Other Gasesd</th>
<th>Woodye</th>
<th>Wastefe</th>
<th>Otherg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Thousand Short Tons</td>
<td>Thousand Barrels</td>
<td>Thousand Short Tons</td>
<td>Thousand Barrels</td>
<td>Million Barrels</td>
<td>Billion Cubic Feet</td>
<td>Million Barrels</td>
<td>Million Trillion Btu</td>
<td>Million Trillion Btu</td>
<td>Million Trillion Btu</td>
</tr>
<tr>
<td>1950 Total</td>
<td>91,671</td>
<td>5,423</td>
<td>69,996</td>
<td>NA</td>
<td>NA</td>
<td>75,421</td>
<td>629</td>
<td>NA</td>
<td>5</td>
<td>NA</td>
</tr>
<tr>
<td>1955 Total</td>
<td>143,759</td>
<td>5,412</td>
<td>69,862</td>
<td>NA</td>
<td>NA</td>
<td>75,274</td>
<td>1,153</td>
<td>NA</td>
<td>3</td>
<td>NA</td>
</tr>
<tr>
<td>1960 Total</td>
<td>176,685</td>
<td>3,824</td>
<td>84,371</td>
<td>NA</td>
<td>NA</td>
<td>88,195</td>
<td>1,725</td>
<td>NA</td>
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</tr>
<tr>
<td>1965 Total</td>
<td>214,788</td>
<td>4,923</td>
<td>110,274</td>
<td>NA</td>
<td>NA</td>
<td>110,003</td>
<td>2,321</td>
<td>NA</td>
<td>3</td>
<td>NA</td>
</tr>
<tr>
<td>1970 Total</td>
<td>320,182</td>
<td>24,123</td>
<td>311,381</td>
<td>NA</td>
<td>636</td>
<td>338,696</td>
<td>3,932</td>
<td>NA</td>
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<tr>
<td>1975 Total</td>
<td>405,962</td>
<td>38,907</td>
<td>467,221</td>
<td>NA</td>
<td>70</td>
<td>506,479</td>
<td>3,158</td>
<td>NA</td>
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<td>2</td>
</tr>
<tr>
<td>1980 Total</td>
<td>569,274</td>
<td>29,051</td>
<td>391,163</td>
<td>NA</td>
<td>179</td>
<td>421,110</td>
<td>3,682</td>
<td>NA</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>1985 Total</td>
<td>693,841</td>
<td>14,635</td>
<td>159,779</td>
<td>NA</td>
<td>231</td>
<td>174,571</td>
<td>3,044</td>
<td>NA</td>
<td>8</td>
<td>7</td>
</tr>
<tr>
<td>1990 Total</td>
<td>811,538</td>
<td>20,194</td>
<td>209,081</td>
<td>1,332</td>
<td>2,832</td>
<td>244,765</td>
<td>4,346</td>
<td>288</td>
<td>1,256</td>
<td>257</td>
</tr>
<tr>
<td>1995 Total</td>
<td>881,012</td>
<td>21,697</td>
<td>112,168</td>
<td>1,322</td>
<td>4,590</td>
<td>158,140</td>
<td>5,577</td>
<td>313</td>
<td>1,382</td>
<td>374</td>
</tr>
<tr>
<td>2000 Total</td>
<td>1,015,398</td>
<td>34,572</td>
<td>156,673</td>
<td>2,904</td>
<td>4,669</td>
<td>217,494</td>
<td>6,677</td>
<td>356</td>
<td>1,380</td>
<td>401</td>
</tr>
<tr>
<td>2005 Total</td>
<td>1,065,281</td>
<td>24,466</td>
<td>156,915</td>
<td>4,270</td>
<td>9,113</td>
<td>231,193</td>
<td>7,021</td>
<td>348</td>
<td>1,393</td>
<td>297</td>
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<tr>
<td>2010 Total</td>
<td>1,053,763</td>
<td>14,655</td>
<td>69,846</td>
<td>3,396</td>
<td>8,652</td>
<td>131,005</td>
<td>7,404</td>
<td>343</td>
<td>1,399</td>
<td>307</td>
</tr>
<tr>
<td>2015 Total</td>
<td>1,069,606</td>
<td>17,042</td>
<td>74,616</td>
<td>4,237</td>
<td>7,299</td>
<td>132,389</td>
<td>7,962</td>
<td>329</td>
<td>1,346</td>
<td>304</td>
</tr>
<tr>
<td>2020 Total</td>
<td>1,064,503</td>
<td>14,137</td>
<td>43,477</td>
<td>3,765</td>
<td>6,314</td>
<td>92,948</td>
<td>7,689</td>
<td>303</td>
<td>1,363</td>
<td>321</td>
</tr>
<tr>
<td>2025 Total</td>
<td>955,190</td>
<td>14,800</td>
<td>33,672</td>
<td>3,218</td>
<td>5,828</td>
<td>80,830</td>
<td>7,938</td>
<td>259</td>
<td>1,137</td>
<td>333</td>
</tr>
<tr>
<td>2030 Total</td>
<td>1,001,411</td>
<td>15,247</td>
<td>26,944</td>
<td>2,777</td>
<td>6,053</td>
<td>75,231</td>
<td>8,502</td>
<td>262</td>
<td>1,226</td>
<td>346</td>
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<tr>
<td>2035 Total</td>
<td>957,266</td>
<td>12,924</td>
<td>16,136</td>
<td>3,008</td>
<td>5,188</td>
<td>58,009</td>
<td>10,952</td>
<td>290</td>
<td>1,351</td>
<td>398</td>
</tr>
<tr>
<td>2040 Total</td>
<td>935,958</td>
<td>10,278</td>
<td>12,231</td>
<td>2,173</td>
<td>5,352</td>
<td>51,441</td>
<td>11,322</td>
<td>296</td>
<td>1,330</td>
<td>363</td>
</tr>
<tr>
<td>2045 Total</td>
<td>286,078</td>
<td>10,150</td>
<td>11,258</td>
<td>2,033</td>
<td>4,467</td>
<td>49,386</td>
<td>10,777</td>
<td>303</td>
<td>1,357</td>
<td>376</td>
</tr>
<tr>
<td>2050 Total</td>
<td>650,027</td>
<td>10,066</td>
<td>13,584</td>
<td>2,578</td>
<td>4,552</td>
<td>53,988</td>
<td>12,039</td>
<td>353</td>
<td>1,291</td>
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</tr>
<tr>
<td>2055 Total</td>
<td>550,017</td>
<td>10,049</td>
<td>10,049</td>
<td>2,580</td>
<td>3,563</td>
<td>40,811</td>
<td>12,798</td>
<td>281</td>
<td>1,246</td>
<td>324</td>
</tr>
</tbody>
</table>

Notes:

8 Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal syngas.
9 Fuel oil nos. 1, 2, and 4. For 1949–1979, data are for gas turbine and internal combustion plant use of petroleum. For 1980–2000, electric utility data also include small amounts of kerosene and jet fuel.
10 Petroleum coke is converted from short tons to barrels by multiplying by 5.
11 Distillate fuel, kerosene, other petroleum liquids, waste oil, and, beginning in 2011, propane.
12 Natural gas, plus a small amount of supplemental gaseous fuels.
13 Blast furnace gas, and other manufactured and waste gases derived from fossil fuels. Through 2010, also includes propane gas.
14 Wood and wood-derived fuels.
15 Municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass. Through 2000, also includes non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).
16 Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, miscellaneous technologies, and, beginning in 2001, non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).
17 Data are for electric utilities only. Beginning in 1989, data are for electric utilities, independent power producers, commercial plants, and industrial plants. NA-Not available. (<)-Less than 0.5 trillion Btu.
Notes: • Data are for utility-scale facilities. See Note 1. "Coverage of Electricity Statistics," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Sources: See Table 7.4b at end of section and sources for Table 7.4c.