

**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)

	Coal <sup>a</sup>	Petroleum					Natural Gas <sup>f</sup>	Other Gases <sup>g</sup>	Biomass		Other <sup>i</sup>
		Distillate Fuel Oil <sup>b</sup>	Residual Fuel Oil <sup>c</sup>	Other Liquids <sup>d</sup>	Petroleum Coke <sup>e</sup>	Total <sup>e</sup>			Wood <sup>h</sup>	Waste <sup>i</sup>	
<b>1950 Total</b> .....	<b>91,871</b>	<b>5,423</b>	<b>69,998</b>	<b>NA</b>	<b>NA</b>	<b>75,421</b>	<b>629</b>	<b>NA</b>	<b>5</b>	<b>NA</b>	<b>NA</b>
<b>1955 Total</b> .....	<b>143,759</b>	<b>5,412</b>	<b>69,862</b>	<b>NA</b>	<b>NA</b>	<b>75,274</b>	<b>1,153</b>	<b>NA</b>	<b>3</b>	<b>NA</b>	<b>NA</b>
<b>1960 Total</b> .....	<b>176,685</b>	<b>3,824</b>	<b>84,371</b>	<b>NA</b>	<b>NA</b>	<b>88,195</b>	<b>1,725</b>	<b>NA</b>	<b>2</b>	<b>NA</b>	<b>NA</b>
<b>1965 Total</b> .....	<b>244,788</b>	<b>4,928</b>	<b>110,274</b>	<b>NA</b>	<b>NA</b>	<b>115,203</b>	<b>2,321</b>	<b>NA</b>	<b>3</b>	<b>NA</b>	<b>NA</b>
<b>1970 Total</b> .....	<b>320,182</b>	<b>24,123</b>	<b>311,381</b>	<b>NA</b>	<b>636</b>	<b>338,686</b>	<b>3,932</b>	<b>NA</b>	<b>1</b>	<b>2</b>	<b>NA</b>
<b>1975 Total</b> .....	<b>405,962</b>	<b>38,907</b>	<b>467,221</b>	<b>NA</b>	<b>70</b>	<b>506,479</b>	<b>3,158</b>	<b>NA</b>	<b>(s)</b>	<b>2</b>	<b>NA</b>
<b>1980 Total</b> .....	<b>569,274</b>	<b>29,051</b>	<b>391,163</b>	<b>NA</b>	<b>179</b>	<b>421,110</b>	<b>3,682</b>	<b>NA</b>	<b>3</b>	<b>2</b>	<b>NA</b>
<b>1985 Total</b> .....	<b>693,841</b>	<b>14,635</b>	<b>158,779</b>	<b>NA</b>	<b>231</b>	<b>174,571</b>	<b>3,044</b>	<b>NA</b>	<b>8</b>	<b>7</b>	<b>NA</b>
<b>1990 Total<sup>k</sup></b> .....	<b>811,538</b>	<b>20,194</b>	<b>209,081</b>	<b>1,332</b>	<b>2,832</b>	<b>244,765</b>	<b>4,346</b>	<b>288</b>	<b>1,256</b>	<b>257</b>	<b>86</b>
<b>1995 Total</b> .....	<b>881,012</b>	<b>21,697</b>	<b>112,168</b>	<b>1,322</b>	<b>4,590</b>	<b>158,140</b>	<b>5,572</b>	<b>313</b>	<b>1,382</b>	<b>374</b>	<b>97</b>
<b>2000 Total</b> .....	<b>1,015,398</b>	<b>34,572</b>	<b>156,673</b>	<b>2,904</b>	<b>4,669</b>	<b>217,494</b>	<b>6,677</b>	<b>356</b>	<b>1,380</b>	<b>401</b>	<b>109</b>
<b>2005 Total</b> .....	<b>1,065,281</b>	<b>24,446</b>	<b>156,915</b>	<b>4,270</b>	<b>9,113</b>	<b>231,193</b>	<b>7,021</b>	<b>348</b>	<b>1,353</b>	<b>289</b>	<b>237</b>
<b>2010 Total</b> .....	<b>1,001,411</b>	<b>15,247</b>	<b>26,944</b>	<b>2,777</b>	<b>6,053</b>	<b>75,231</b>	<b>8,502</b>	<b>262</b>	<b>1,226</b>	<b>346</b>	<b>237</b>
<b>2011 Total</b> .....	<b>956,470</b>	<b>11,735</b>	<b>16,877</b>	<b>2,540</b>	<b>6,092</b>	<b>61,610</b>	<b>8,724</b>	<b>282</b>	<b>1,241</b>	<b>340</b>	<b>261</b>
<b>2012 Total</b> .....	<b>845,066</b>	<b>9,945</b>	<b>13,571</b>	<b>2,185</b>	<b>5,021</b>	<b>50,805</b>	<b>10,371</b>	<b>302</b>	<b>1,273</b>	<b>355</b>	<b>252</b>
<b>2013 Total</b> .....	<b>879,078</b>	<b>10,277</b>	<b>14,199</b>	<b>2,212</b>	<b>6,338</b>	<b>58,378</b>	<b>9,479</b>	<b>305</b>	<b>1,318</b>	<b>376</b>	<b>236</b>
<b>2014 Total</b> .....	<b>871,741</b>	<b>15,107</b>	<b>16,615</b>	<b>2,908</b>	<b>5,695</b>	<b>63,106</b>	<b>9,410</b>	<b>304</b>	<b>1,378</b>	<b>395</b>	<b>236</b>
<b>2015 Total</b> .....	<b>756,226</b>	<b>12,924</b>	<b>16,136</b>	<b>3,008</b>	<b>5,188</b>	<b>58,009</b>	<b>10,952</b>	<b>290</b>	<b>1,351</b>	<b>398</b>	<b>237</b>
<b>2016 Total</b> .....	<b>693,958</b>	<b>10,278</b>	<b>12,231</b>	<b>2,173</b>	<b>5,352</b>	<b>51,441</b>	<b>11,322</b>	<b>296</b>	<b>1,330</b>	<b>383</b>	<b>238</b>
<b>2017 Total</b> .....	<b>678,578</b>	<b>10,168</b>	<b>11,508</b>	<b>2,033</b>	<b>4,467</b>	<b>46,043</b>	<b>10,677</b>	<b>299</b>	<b>1,303</b>	<b>375</b>	<b>226</b>
<b>2018 Total</b> .....	<b>650,027</b>	<b>15,066</b>	<b>13,584</b>	<b>2,578</b>	<b>4,552</b>	<b>53,988</b>	<b>12,048</b>	<b>353</b>	<b>1,291</b>	<b>367</b>	<b>226</b>
<b>2019 Total</b> .....	<b>550,017</b>	<b>10,369</b>	<b>10,049</b>	<b>2,580</b>	<b>3,563</b>	<b>40,811</b>	<b>12,809</b>	<b>281</b>	<b>1,246</b>	<b>322</b>	<b>234</b>
<b>2020 Total</b> .....	<b>445,753</b>	<b>8,604</b>	<b>8,974</b>	<b>2,160</b>	<b>3,856</b>	<b>39,020</b>	<b>13,221</b>	<b>269</b>	<b>1,178</b>	<b>319</b>	<b>226</b>
<b>2021 Total</b> .....	<b>511,669</b>	<b>11,340</b>	<b>9,895</b>	<b>2,470</b>	<b>3,830</b>	<b>42,855</b>	<b>12,724</b>	<b>264</b>	<b>1,199</b>	<b>310</b>	<b>218</b>
<b>2022</b>											
January .....	49,742	2,776	2,582	284	295	7,119	1,085	23	101	26	16
February .....	40,880	1,115	1,011	180	315	3,879	922	20	93	24	15
March .....	35,381	912	985	171	275	3,445	902	22	95	27	16
April .....	31,802	733	847	162	282	3,150	860	21	93	24	15
May .....	36,114	882	908	107	315	3,475	1,043	23	96	24	16
June .....	42,640	968	894	187	333	3,716	1,266	22	97	23	16
July .....	50,387	1,012	1,138	231	270	3,730	1,537	23	101	24	17
August .....	49,318	932	979	229	310	3,691	1,514	22	100	24	16
September .....	38,207	744	1,099	197	330	3,689	1,246	21	91	22	15
October .....	32,391	798	1,134	199	325	3,754	1,067	21	89	24	15
November .....	33,301	832	1,010	169	298	3,499	1,026	20	93	24	15
December .....	42,768	3,895	2,128	512	355	8,307	1,120	21	96	25	15
<b>Total</b> .....	<b>482,931</b>	<b>15,599</b>	<b>14,715</b>	<b>2,626</b>	<b>3,702</b>	<b>51,452</b>	<b>13,590</b>	<b>259</b>	<b>1,143</b>	<b>292</b>	<b>187</b>
<b>2023</b>											
January .....	36,421	867	1,068	241	206	3,205	1,101	23	98	26	15
February .....	27,698	808	1,309	174	184	3,210	990	21	85	23	13
March .....	29,462	811	1,057	194	173	2,928	1,062	22	89	24	14
April .....	23,614	726	954	175	157	2,640	982	20	78	22	13
May .....	26,353	798	910	215	173	2,789	1,115	22	88	24	14
June .....	34,220	723	907	198	198	2,816	1,300	22	83	22	14
July .....	45,286	684	1,055	158	306	3,427	1,600	22	86	23	15
August .....	44,618	810	999	167	315	3,550	1,591	24	87	22	15
September .....	34,973	620	1,077	169	278	3,258	1,317	28	79	22	14
October .....	30,374	711	1,061	201	177	2,859	1,140	26	78	23	14
November .....	30,386	804	1,017	169	136	2,670	1,094	20	85	22	15
December .....	32,784	944	1,056	177	176	3,058	1,154	22	86	26	16
<b>Total</b> .....	<b>396,188</b>	<b>9,308</b>	<b>12,471</b>	<b>2,238</b>	<b>2,479</b>	<b>36,410</b>	<b>14,446</b>	<b>273</b>	<b>1,022</b>	<b>278</b>	<b>171</b>
<b>2024</b>											
January .....	43,343	1,636	1,418	237	188	4,232	1,275	22	89	24	15
February .....	26,681	629	890	179	144	2,415	1,038	19	77	23	13
March .....	23,139	700	896	165	99	2,255	1,041	20	83	24	14
<b>3-Month Total</b> .....	<b>93,163</b>	<b>2,964</b>	<b>3,204</b>	<b>581</b>	<b>430</b>	<b>8,902</b>	<b>3,355</b>	<b>62</b>	<b>250</b>	<b>71</b>	<b>41</b>
<b>2023 3-Month Total</b> .....	<b>93,582</b>	<b>2,487</b>	<b>3,435</b>	<b>609</b>	<b>563</b>	<b>9,343</b>	<b>3,154</b>	<b>66</b>	<b>272</b>	<b>72</b>	<b>41</b>
<b>2022 3-Month Total</b> .....	<b>126,003</b>	<b>4,803</b>	<b>4,578</b>	<b>635</b>	<b>885</b>	<b>14,442</b>	<b>2,909</b>	<b>65</b>	<b>288</b>	<b>77</b>	<b>47</b>

<sup>a</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

<sup>b</sup> 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.

<sup>c</sup> Fuel oil nos. 5 and 6. For 1949–1979, data are for steam plant use of petroleum. For 1980–2000, electric utility data also include a small amount of fuel oil no. 4.

<sup>d</sup> Jet fuel, kerosene, other petroleum liquids, waste oil, and, beginning in 2011, propane.

<sup>e</sup> Petroleum coke is converted from short tons to barrels by multiplying by 5.

<sup>f</sup> Natural gas, plus a small amount of supplemental gaseous fuels.

<sup>g</sup> Blast furnace gas, and other manufactured and waste gases derived from fossil fuels. Through 2010, also includes propane gas.

<sup>h</sup> Wood and wood-derived fuels.

<sup>i</sup> 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).

<sup>j</sup> 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).

<sup>k</sup> Through 1988, 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. (s)=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.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#electricity> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: Tables 7.4b and 7.4c.