Table 5.1: Total Number of Active Physicians\(^{(1)}\) per 1,000 Persons by State, 2007 and 2008

<table>
<thead>
<tr>
<th>State</th>
<th>Physicians per 1,000 Persons</th>
<th>State</th>
<th>Physicians per 1,000 Persons</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>07</td>
<td>08</td>
<td></td>
</tr>
<tr>
<td>Alabama</td>
<td>2.16</td>
<td>2.16</td>
<td>Montana</td>
</tr>
<tr>
<td>Alaska</td>
<td>2.42</td>
<td>2.42</td>
<td>Nebraska</td>
</tr>
<tr>
<td>Arizona</td>
<td>2.23</td>
<td>2.23</td>
<td>Nevada</td>
</tr>
<tr>
<td>Arkansas</td>
<td>2.04</td>
<td>2.04</td>
<td>New Hampshire</td>
</tr>
<tr>
<td>California</td>
<td>2.61</td>
<td>2.62</td>
<td>New Jersey</td>
</tr>
<tr>
<td>Colorado</td>
<td>2.66</td>
<td>2.66</td>
<td>New Mexico</td>
</tr>
<tr>
<td>Connecticut</td>
<td>3.61</td>
<td>3.66</td>
<td>New York</td>
</tr>
<tr>
<td>Delaware</td>
<td>2.62</td>
<td>2.64</td>
<td>North Carolina</td>
</tr>
<tr>
<td>District of Columbia</td>
<td>7.32</td>
<td>7.49</td>
<td>North Dakota</td>
</tr>
<tr>
<td>Florida</td>
<td>2.55</td>
<td>2.58</td>
<td>Ohio</td>
</tr>
<tr>
<td>Georgia</td>
<td>2.14</td>
<td>2.14</td>
<td>Oklahoma</td>
</tr>
<tr>
<td>Hawaii</td>
<td>3.17</td>
<td>3.18</td>
<td>Oregon</td>
</tr>
<tr>
<td>Idaho</td>
<td>1.79</td>
<td>1.79</td>
<td>Pennsylvania</td>
</tr>
<tr>
<td>Illinois</td>
<td>2.77</td>
<td>2.78</td>
<td>Rhode Island</td>
</tr>
<tr>
<td>Indiana</td>
<td>2.21</td>
<td>2.22</td>
<td>South Carolina</td>
</tr>
<tr>
<td>Iowa</td>
<td>2.14</td>
<td>2.15</td>
<td>South Dakota</td>
</tr>
<tr>
<td>Kansas</td>
<td>2.36</td>
<td>2.38</td>
<td>Tennessee</td>
</tr>
<tr>
<td>Kentucky</td>
<td>2.30</td>
<td>2.31</td>
<td>Texas</td>
</tr>
<tr>
<td>Louisiana</td>
<td>2.55</td>
<td>2.53</td>
<td>Utah</td>
</tr>
<tr>
<td>Maine</td>
<td>3.15</td>
<td>3.11</td>
<td>Vermont</td>
</tr>
<tr>
<td>Maryland</td>
<td>4.00</td>
<td>4.02</td>
<td>Virginia</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>4.32</td>
<td>4.36</td>
<td>Washington</td>
</tr>
<tr>
<td>Michigan</td>
<td>2.81</td>
<td>2.85</td>
<td>West Virginia</td>
</tr>
<tr>
<td>Minnesota</td>
<td>2.84</td>
<td>2.88</td>
<td>Wisconsin</td>
</tr>
<tr>
<td>Mississippi</td>
<td>1.81</td>
<td>1.82</td>
<td>Wyoming</td>
</tr>
<tr>
<td>Missouri</td>
<td>2.62</td>
<td>2.62</td>
<td></td>
</tr>
</tbody>
</table>


\(^{(1)}\) Includes active federal and non-federal doctors of medicine and active doctors of osteopathy.
Table 5.2: Medical and Dental Residents in Training in Community Hospitals, 1989 – 2009

<table>
<thead>
<tr>
<th>Year</th>
<th>Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1989</td>
<td>64,478</td>
</tr>
<tr>
<td>1990</td>
<td>64,530</td>
</tr>
<tr>
<td>1991</td>
<td>67,189</td>
</tr>
<tr>
<td>1992</td>
<td>69,111</td>
</tr>
<tr>
<td>1993</td>
<td>73,377</td>
</tr>
<tr>
<td>1994</td>
<td>74,027</td>
</tr>
<tr>
<td>1995</td>
<td>78,137</td>
</tr>
<tr>
<td>1996</td>
<td>77,160</td>
</tr>
<tr>
<td>1997</td>
<td>75,398</td>
</tr>
<tr>
<td>1998</td>
<td>78,345</td>
</tr>
<tr>
<td>1999</td>
<td>77,796</td>
</tr>
<tr>
<td>2000</td>
<td>77,411</td>
</tr>
<tr>
<td>2001</td>
<td>77,731</td>
</tr>
<tr>
<td>2002</td>
<td>78,715</td>
</tr>
<tr>
<td>2003</td>
<td>77,813</td>
</tr>
<tr>
<td>2004</td>
<td>84,628</td>
</tr>
<tr>
<td>2005</td>
<td>83,823</td>
</tr>
<tr>
<td>2006</td>
<td>85,320</td>
</tr>
<tr>
<td>2007</td>
<td>92,311</td>
</tr>
<tr>
<td>2008</td>
<td>90,543</td>
</tr>
<tr>
<td>2009</td>
<td>94,729</td>
</tr>
</tbody>
</table>

Source: Avalere Health analysis of American Hospital Association Annual Survey data, 2009, for community hospitals.

Data for Chart 5.3
Table 5.3: Total Full-time Equivalent Employees Working in Hospitals and Full-time Equivalents per Adjusted Admission,\(^{(1)}\) 1989 – 2009

<table>
<thead>
<tr>
<th>Year</th>
<th>FTE Personnel</th>
<th>FTE per Adjusted Admission</th>
</tr>
</thead>
<tbody>
<tr>
<td>1989</td>
<td>3,297,947</td>
<td>0.082</td>
</tr>
<tr>
<td>1990</td>
<td>3,415,622</td>
<td>0.083</td>
</tr>
<tr>
<td>1991</td>
<td>3,530,623</td>
<td>0.084</td>
</tr>
<tr>
<td>1992</td>
<td>3,615,145</td>
<td>0.084</td>
</tr>
<tr>
<td>1993</td>
<td>3,674,250</td>
<td>0.085</td>
</tr>
<tr>
<td>1994</td>
<td>3,690,905</td>
<td>0.083</td>
</tr>
<tr>
<td>1995</td>
<td>3,707,958</td>
<td>0.081</td>
</tr>
<tr>
<td>1996</td>
<td>3,724,843</td>
<td>0.079</td>
</tr>
<tr>
<td>1997</td>
<td>3,789,752</td>
<td>0.078</td>
</tr>
<tr>
<td>1998</td>
<td>3,831,068</td>
<td>0.077</td>
</tr>
<tr>
<td>1999</td>
<td>3,837,964</td>
<td>0.075</td>
</tr>
<tr>
<td>2000</td>
<td>3,911,412</td>
<td>0.073</td>
</tr>
<tr>
<td>2001</td>
<td>3,987,274</td>
<td>0.073</td>
</tr>
<tr>
<td>2002</td>
<td>4,069,495</td>
<td>0.072</td>
</tr>
<tr>
<td>2003</td>
<td>4,108,628</td>
<td>0.071</td>
</tr>
<tr>
<td>2004</td>
<td>4,147,941</td>
<td>0.070</td>
</tr>
<tr>
<td>2005</td>
<td>4,256,899</td>
<td>0.070</td>
</tr>
<tr>
<td>2006</td>
<td>4,343,480</td>
<td>0.071</td>
</tr>
<tr>
<td>2007</td>
<td>4,465,028</td>
<td>0.072</td>
</tr>
<tr>
<td>2008</td>
<td>4,549,560</td>
<td>0.071</td>
</tr>
<tr>
<td>2009</td>
<td>4,584,624</td>
<td>0.070</td>
</tr>
</tbody>
</table>

Source: Avalere Health analysis of American Hospital Association Annual Survey data, 2009, for community hospitals.

\(^{(1)}\) An aggregate measure of workload reflecting the number of inpatient admissions, plus an estimate of the volume of outpatient services, expressed in units equivalent to an inpatient admission in terms of level of effort.

Data for Charts 5.4 and 5.5
Table 5.4: Number of RN Full-time Equivalent Employees, RN Full-time Equivalent Employees per Adjusted Admission, and RN Full-time Equivalents as a Percentage of Total FTEs, 1989 – 2009

<table>
<thead>
<tr>
<th>Year</th>
<th>RN FTEs (thousands)</th>
<th>RN FTEs per Adjusted Admission</th>
<th>RN FTEs as a Percent of Total FTEs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1989</td>
<td>791.5</td>
<td>0.0196</td>
<td>24.0%</td>
</tr>
<tr>
<td>1990</td>
<td>809.9</td>
<td>0.0197</td>
<td>23.7%</td>
</tr>
<tr>
<td>1991</td>
<td>840.5</td>
<td>0.0200</td>
<td>23.8%</td>
</tr>
<tr>
<td>1992</td>
<td>858.9</td>
<td>0.0201</td>
<td>23.8%</td>
</tr>
<tr>
<td>1993</td>
<td>874.1</td>
<td>0.0201</td>
<td>23.8%</td>
</tr>
<tr>
<td>1994</td>
<td>890.9</td>
<td>0.0201</td>
<td>24.1%</td>
</tr>
<tr>
<td>1995</td>
<td>893.7</td>
<td>0.0195</td>
<td>24.1%</td>
</tr>
<tr>
<td>1996</td>
<td>895.1</td>
<td>0.0190</td>
<td>24.0%</td>
</tr>
<tr>
<td>1997</td>
<td>901.2</td>
<td>0.0185</td>
<td>23.8%</td>
</tr>
<tr>
<td>1998</td>
<td>929.7</td>
<td>0.0186</td>
<td>24.3%</td>
</tr>
<tr>
<td>1999</td>
<td>938.1</td>
<td>0.0182</td>
<td>24.4%</td>
</tr>
<tr>
<td>2000</td>
<td>957.6</td>
<td>0.0179</td>
<td>24.5%</td>
</tr>
<tr>
<td>2001</td>
<td>958.0</td>
<td>0.0174</td>
<td>24.0%</td>
</tr>
<tr>
<td>2002</td>
<td>988.1</td>
<td>0.0174</td>
<td>24.3%</td>
</tr>
<tr>
<td>2003</td>
<td>1,021.3</td>
<td>0.0177</td>
<td>24.9%</td>
</tr>
<tr>
<td>2004</td>
<td>1,053.1</td>
<td>0.0179</td>
<td>25.4%</td>
</tr>
<tr>
<td>2005</td>
<td>1,094.2</td>
<td>0.0181</td>
<td>25.7%</td>
</tr>
<tr>
<td>2006</td>
<td>1,138.6</td>
<td>0.0185</td>
<td>26.2%</td>
</tr>
<tr>
<td>2007</td>
<td>1,191.2</td>
<td>0.0192</td>
<td>26.7%</td>
</tr>
<tr>
<td>2008</td>
<td>1,228.4</td>
<td>0.0192</td>
<td>27.0%</td>
</tr>
<tr>
<td>2009</td>
<td>1,268.7</td>
<td>0.0194</td>
<td>27.7%</td>
</tr>
</tbody>
</table>

Source: Avalere Health analysis of American Hospital Association Annual Survey data, 2009, for community hospitals.
Data for Charts 5.6 and 5.7
Table 5.5: Number of Physicians by Age, 1980, 1990, 2000, and 2009

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 35</td>
<td>128,506</td>
<td>134,872</td>
<td>136,704</td>
<td>146,139</td>
</tr>
<tr>
<td>35-44</td>
<td>118,840</td>
<td>184,743</td>
<td>211,873</td>
<td>213,479</td>
</tr>
<tr>
<td>45-54</td>
<td>88,063</td>
<td>116,803</td>
<td>201,646</td>
<td>220,993</td>
</tr>
<tr>
<td>55-64</td>
<td>68,239</td>
<td>83,614</td>
<td>118,608</td>
<td>190,338</td>
</tr>
<tr>
<td>65 &amp; Over</td>
<td>64,031</td>
<td>95,389</td>
<td>144,939</td>
<td>201,427</td>
</tr>
<tr>
<td>Total # of Physicians</td>
<td>467,679</td>
<td>615,421</td>
<td>813,770</td>
<td>972,376</td>
</tr>
</tbody>
</table>


Data for Chart 5.8

Table 5.6: RN Employment by Type of Provider, 1980 – 2008\(^{(1)}\)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent Employed by Hospitals</td>
<td>65.9%</td>
<td>68.2%</td>
<td>68.0%</td>
<td>66.7%</td>
<td>60.1%</td>
<td>59.3%</td>
<td>57.4%</td>
</tr>
<tr>
<td>Percent Employed by Nursing Homes/Extended Care Facilities</td>
<td>3.8%</td>
<td>2.7%</td>
<td>1.8%</td>
<td>2.0%</td>
<td>2.3%</td>
<td>2.1%</td>
<td>2.7%</td>
</tr>
<tr>
<td>Percent Employed by Public/Community Health</td>
<td>12.5%</td>
<td>11.3%</td>
<td>11.1%</td>
<td>13.5%</td>
<td>17.2%</td>
<td>18.3%</td>
<td>15.2%</td>
</tr>
<tr>
<td>All Other</td>
<td>17.8%</td>
<td>17.8%</td>
<td>19.0%</td>
<td>17.8%</td>
<td>20.5%</td>
<td>20.2%</td>
<td>24.8%</td>
</tr>
</tbody>
</table>


\(^{(1)}\) Total percent by setting may not equal the estimated total of all registered nurses due to incomplete information provided by respondents and the effect of rounding.

Data for Chart 5.9
Table 5.7: Distribution of RN Workforce by Age Group, 1980 – 2020 (projected)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>20s</td>
<td>321,316</td>
<td>252,890</td>
<td>247,123</td>
<td>233,437</td>
<td>288,184</td>
<td>266,514</td>
</tr>
<tr>
<td>30s</td>
<td>320,101</td>
<td>536,442</td>
<td>614,728</td>
<td>532,707</td>
<td>613,971</td>
<td>554,090</td>
</tr>
<tr>
<td>40s</td>
<td>224,468</td>
<td>419,766</td>
<td>935,866</td>
<td>916,956</td>
<td>791,932</td>
<td>651,459</td>
</tr>
<tr>
<td>50s</td>
<td>171,240</td>
<td>206,647</td>
<td>585,497</td>
<td>801,643</td>
<td>892,952</td>
<td>697,039</td>
</tr>
<tr>
<td>60s</td>
<td>36,716</td>
<td>46,372</td>
<td>313,675</td>
<td>395,450</td>
<td>389,796</td>
<td>535,371</td>
</tr>
<tr>
<td>Total # of RNs</td>
<td>1,073,841</td>
<td>1,462,117</td>
<td>2,696,890</td>
<td>2,880,193</td>
<td>2,976,835</td>
<td>2,704,473</td>
</tr>
</tbody>
</table>


Data for Chart 5.10
Table 5.8: National Supply and Demand Projections for FTE RNs, 2000 – 2020

<table>
<thead>
<tr>
<th>Year</th>
<th>RN FTE Supply</th>
<th>RN FTE Demand</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>1,890,700</td>
<td>2,001,500</td>
</tr>
<tr>
<td>2005</td>
<td>1,942,500</td>
<td>2,161,300</td>
</tr>
<tr>
<td>2010</td>
<td>1,941,200</td>
<td>2,347,000</td>
</tr>
<tr>
<td>2015</td>
<td>1,866,100</td>
<td>2,569,800</td>
</tr>
<tr>
<td>2020</td>
<td>1,808,000</td>
<td>2,824,900</td>
</tr>
</tbody>
</table>


Data for Chart 5.12