Appendices
Appendix 1: Supplementary Data Tables

Trends in the Overall Health Care Market
Table 1.1:
National Health Expenditures
1980 - 1998

<table>
<thead>
<tr>
<th>Year</th>
<th>Total National Health Expenditures</th>
<th>Prescription Drugs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total Nominal Dollars (Billions)</td>
<td>Per Capita Nominal Dollars (Billions)</td>
</tr>
<tr>
<td>1980</td>
<td>$247.3</td>
<td>$1,052</td>
</tr>
<tr>
<td>1981</td>
<td>$286.9</td>
<td>$1,208</td>
</tr>
<tr>
<td>1982</td>
<td>$323.0</td>
<td>$1,346</td>
</tr>
<tr>
<td>1983</td>
<td>$355.3</td>
<td>$1,466</td>
</tr>
<tr>
<td>1984</td>
<td>$390.1</td>
<td>$1,593</td>
</tr>
<tr>
<td>1985</td>
<td>$428.7</td>
<td>$1,734</td>
</tr>
<tr>
<td>1986</td>
<td>$461.2</td>
<td>$1,847</td>
</tr>
<tr>
<td>1987</td>
<td>$500.5</td>
<td>$1,985</td>
</tr>
<tr>
<td>1988</td>
<td>$560.4</td>
<td>$2,200</td>
</tr>
<tr>
<td>1989</td>
<td>$623.5</td>
<td>$2,422</td>
</tr>
<tr>
<td>1990</td>
<td>$699.4</td>
<td>$2,689</td>
</tr>
<tr>
<td>1991</td>
<td>$766.8</td>
<td>$2,918</td>
</tr>
<tr>
<td>1992</td>
<td>$856.5</td>
<td>$3,151</td>
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<td>1993</td>
<td>$898.5</td>
<td>$3,351</td>
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<tr>
<td>1994</td>
<td>$947.7</td>
<td>$3,501</td>
</tr>
<tr>
<td>1995</td>
<td>$993.5</td>
<td>$3,637</td>
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<tr>
<td>1996</td>
<td>$1,039.4</td>
<td>$3,772</td>
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<td>1997</td>
<td>$1,088.2</td>
<td>$3,912</td>
</tr>
<tr>
<td>1998</td>
<td>$1,149.1</td>
<td>$4,094</td>
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</table>

Source: Health Care Financing Administration, Office of the Actuary, Data from the Division of National Health Statistics

(1) Expressed in 1980 dollars; adjusted using the overall consumer price index for urban consumers
Table 1.2:
Percent Distribution of Medium and Large Firm Employer-sponsored Health Insurance Enrollment by Type of Plan
1988 - 1998

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>POS</td>
<td>N/A(1)</td>
<td>10%</td>
<td>8%</td>
<td>10%</td>
<td>15%</td>
<td>18%</td>
<td>16%</td>
<td>17%</td>
<td>22%</td>
<td>25%</td>
</tr>
<tr>
<td>HMO</td>
<td>18%</td>
<td>26%</td>
<td>22%</td>
<td>26%</td>
<td>25%</td>
<td>29%</td>
<td>33%</td>
<td>33%</td>
<td>30%</td>
<td>28%</td>
</tr>
<tr>
<td>PPO</td>
<td>11%</td>
<td>22%</td>
<td>26%</td>
<td>22%</td>
<td>25%</td>
<td>22%</td>
<td>31%</td>
<td>34%</td>
<td>31%</td>
<td>34%</td>
</tr>
<tr>
<td>Traditional Indemnity</td>
<td>71%</td>
<td>42%</td>
<td>45%</td>
<td>42%</td>
<td>35%</td>
<td>31%</td>
<td>26%</td>
<td>18%</td>
<td>14%</td>
<td>9%</td>
</tr>
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</table>

(1) Point-of-service plans not separately identified

Table 1.3:
Number and Percent Uninsured
1985 - 1998

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<thead>
<tr>
<th>Year</th>
<th>Number (in millions)</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>1985</td>
<td>34.6</td>
<td>14.8%</td>
</tr>
<tr>
<td>1986</td>
<td>34.2</td>
<td>14.4%</td>
</tr>
<tr>
<td>1987</td>
<td>31.0</td>
<td>12.9%</td>
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<tr>
<td>1988</td>
<td>32.7</td>
<td>13.4%</td>
</tr>
<tr>
<td>1989</td>
<td>33.4</td>
<td>13.6%</td>
</tr>
<tr>
<td>1990</td>
<td>34.7</td>
<td>13.9%</td>
</tr>
<tr>
<td>1991</td>
<td>35.4</td>
<td>14.1%</td>
</tr>
<tr>
<td>1992</td>
<td>38.6</td>
<td>15.0%</td>
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<tr>
<td>1993</td>
<td>39.7</td>
<td>15.3%</td>
</tr>
<tr>
<td>1994</td>
<td>39.7</td>
<td>15.2%</td>
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<tr>
<td>1995</td>
<td>40.6</td>
<td>15.4%</td>
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<tr>
<td>1996</td>
<td>41.7</td>
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<tr>
<td>1997</td>
<td>43.4</td>
<td>16.1%</td>
</tr>
<tr>
<td>1998</td>
<td>44.3</td>
<td>16.3%</td>
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</table>

Source: US Bureau of the Census
### Table 1.4: Percent Uninsured by State 1998

<table>
<thead>
<tr>
<th>State</th>
<th>Percent Uninsured</th>
<th>State</th>
<th>Percent Uninsured</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
<td>17.0%</td>
<td>Montana</td>
<td>19.6%</td>
</tr>
<tr>
<td>Alaska</td>
<td>17.3%</td>
<td>Nebraska</td>
<td>9.0%</td>
</tr>
<tr>
<td>Arizona</td>
<td>24.2%</td>
<td>Nevada</td>
<td>21.2%</td>
</tr>
<tr>
<td>Arkansas</td>
<td>18.7%</td>
<td>New Hampshire</td>
<td>11.3%</td>
</tr>
<tr>
<td>California</td>
<td>22.1%</td>
<td>New Jersey</td>
<td>16.4%</td>
</tr>
<tr>
<td>Colorado</td>
<td>15.1%</td>
<td>New Mexico</td>
<td>21.1%</td>
</tr>
<tr>
<td>Connecticut</td>
<td>12.6%</td>
<td>New York</td>
<td>17.3%</td>
</tr>
<tr>
<td>Delaware</td>
<td>14.7%</td>
<td>North Carolina</td>
<td>15.0%</td>
</tr>
<tr>
<td>District of Columbia</td>
<td>17.0%</td>
<td>North Dakota</td>
<td>14.2%</td>
</tr>
<tr>
<td>Florida</td>
<td>17.5%</td>
<td>Ohio</td>
<td>10.4%</td>
</tr>
<tr>
<td>Georgia</td>
<td>17.5%</td>
<td>Oklahoma</td>
<td>18.3%</td>
</tr>
<tr>
<td>Hawaii</td>
<td>10.0%</td>
<td>Oregon</td>
<td>14.3%</td>
</tr>
<tr>
<td>Idaho</td>
<td>17.7%</td>
<td>Pennsylvania</td>
<td>10.5%</td>
</tr>
<tr>
<td>Illinois</td>
<td>15.0%</td>
<td>Rhode Island</td>
<td>10.0%</td>
</tr>
<tr>
<td>Indiana</td>
<td>14.4%</td>
<td>South Carolina</td>
<td>15.4%</td>
</tr>
<tr>
<td>Iowa</td>
<td>9.5%</td>
<td>South Dakota</td>
<td>14.3%</td>
</tr>
<tr>
<td>Kansas</td>
<td>10.3%</td>
<td>Tennessee</td>
<td>13.0%</td>
</tr>
<tr>
<td>Kentucky</td>
<td>14.1%</td>
<td>Texas</td>
<td>24.5%</td>
</tr>
<tr>
<td>Louisiana</td>
<td>19.0%</td>
<td>Utah</td>
<td>13.9%</td>
</tr>
<tr>
<td>Maine</td>
<td>12.7%</td>
<td>Vermont</td>
<td>9.9%</td>
</tr>
<tr>
<td>Maryland</td>
<td>16.6%</td>
<td>Virginia</td>
<td>14.1%</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>10.3%</td>
<td>Washington</td>
<td>12.3%</td>
</tr>
<tr>
<td>Michigan</td>
<td>13.2%</td>
<td>West Virginia</td>
<td>17.2%</td>
</tr>
<tr>
<td>Minnesota</td>
<td>9.3%</td>
<td>Wisconsin</td>
<td>11.8%</td>
</tr>
<tr>
<td>Mississippi</td>
<td>20.0%</td>
<td>Wyoming</td>
<td>16.9%</td>
</tr>
<tr>
<td>Missouri</td>
<td>10.5%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: US Bureau of the Census
Table 1.5: 
Growth in Medicare Spending per Beneficiary vs. Private Health Insurance Spending per Enrollee 
1980 - 1998

<table>
<thead>
<tr>
<th>Year</th>
<th>Medicare Spending Growth per Beneficiary</th>
<th>Private Health Insurance Spending Growth per Beneficiary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1980</td>
<td>18.6%</td>
<td>16.3%</td>
</tr>
<tr>
<td>1981</td>
<td>17.5%</td>
<td>16.1%</td>
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<td>1982</td>
<td>15.4%</td>
<td>13.7%</td>
</tr>
<tr>
<td>1983</td>
<td>12.0%</td>
<td>9.9%</td>
</tr>
<tr>
<td>1984</td>
<td>9.3%</td>
<td>9.6%</td>
</tr>
<tr>
<td>1985</td>
<td>6.0%</td>
<td>11.3%</td>
</tr>
<tr>
<td>1986</td>
<td>4.7%</td>
<td>7.6%</td>
</tr>
<tr>
<td>1987</td>
<td>5.6%</td>
<td>11.0%</td>
</tr>
<tr>
<td>1988</td>
<td>6.5%</td>
<td>13.5%</td>
</tr>
<tr>
<td>1989</td>
<td>11.5%</td>
<td>12.8%</td>
</tr>
<tr>
<td>1990</td>
<td>7.7%</td>
<td>11.8%</td>
</tr>
<tr>
<td>1991</td>
<td>8.7%</td>
<td>11.0%</td>
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<td>11.6%</td>
<td>9.3%</td>
</tr>
<tr>
<td>1993</td>
<td>6.0%</td>
<td>6.2%</td>
</tr>
<tr>
<td>1994</td>
<td>9.1%</td>
<td>3.6%</td>
</tr>
<tr>
<td>1995</td>
<td>9.0%</td>
<td>2.8%</td>
</tr>
<tr>
<td>1996</td>
<td>6.5%</td>
<td>2.2%</td>
</tr>
<tr>
<td>1997</td>
<td>6.8%</td>
<td>2.2%</td>
</tr>
<tr>
<td>1998</td>
<td>3.3%</td>
<td>3.3%</td>
</tr>
</tbody>
</table>

Source: Health Care Financing Administration, Office of the Actuary
Table 1.6:
Percent of Medicaid Beneficiaries Enrolled
in Medicaid Managed Care by State
1998

<table>
<thead>
<tr>
<th>State</th>
<th>Percent Enrolled</th>
<th>State</th>
<th>Percent Enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
<td>70.9%</td>
<td>Montana</td>
<td>98.4%</td>
</tr>
<tr>
<td>Alaska</td>
<td>0.0%</td>
<td>Nebraska</td>
<td>72.8%</td>
</tr>
<tr>
<td>Arizona</td>
<td>85.1%</td>
<td>Nevada</td>
<td>38.7%</td>
</tr>
<tr>
<td>Arkansas</td>
<td>56.0%</td>
<td>New Hampshire</td>
<td>10.1%</td>
</tr>
<tr>
<td>California</td>
<td>45.8%</td>
<td>New Jersey</td>
<td>58.6%</td>
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<td>Colorado</td>
<td>99.0%</td>
<td>New Mexico</td>
<td>79.7%</td>
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<tr>
<td>Connecticut</td>
<td>71.9%</td>
<td>New York</td>
<td>29.6%</td>
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<tr>
<td>Delaware</td>
<td>76.8%</td>
<td>North Carolina</td>
<td>68.6%</td>
</tr>
<tr>
<td>District of Columbia</td>
<td>45.3%</td>
<td>North Dakota</td>
<td>51.9%</td>
</tr>
<tr>
<td>Florida</td>
<td>64.6%</td>
<td>Ohio</td>
<td>28.4%</td>
</tr>
<tr>
<td>Georgia</td>
<td>76.3%</td>
<td>Oklahoma</td>
<td>49.7%</td>
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<tr>
<td>Hawaii</td>
<td>80.5%</td>
<td>Oregon</td>
<td>88.7%</td>
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<td>Pennsylvania</td>
<td>68.3%</td>
</tr>
<tr>
<td>Illinois</td>
<td>13.4%</td>
<td>Rhode Island</td>
<td>63.2%</td>
</tr>
<tr>
<td>Indiana</td>
<td>57.7%</td>
<td>South Carolina</td>
<td>3.6%</td>
</tr>
<tr>
<td>Iowa</td>
<td>92.1%</td>
<td>South Dakota</td>
<td>70.6%</td>
</tr>
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<td>49.4%</td>
<td>Tennessee</td>
<td>100.0%</td>
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<td>62.7%</td>
<td>Texas</td>
<td>25.5%</td>
</tr>
<tr>
<td>Louisiana</td>
<td>5.4%</td>
<td>Utah</td>
<td>91.3%</td>
</tr>
<tr>
<td>Maine</td>
<td>10.7%</td>
<td>Vermont</td>
<td>48.3%</td>
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<tr>
<td>Maryland</td>
<td>67.1%</td>
<td>Virginia</td>
<td>60.0%</td>
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<td>91.0%</td>
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<td>Michigan</td>
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<td>West Virginia</td>
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<td>Minnesota</td>
<td>52.6%</td>
<td>Wisconsin</td>
<td>49.1%</td>
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<td>Mississippi</td>
<td>40.0%</td>
<td>Wyoming</td>
<td>0.0%</td>
</tr>
<tr>
<td>Missouri</td>
<td>41.5%</td>
<td></td>
<td></td>
</tr>
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</table>

Source: Health Care Financing Administration, Office of the Actuary
Appendix 2:
Supplementary Data Tables
Organizational Trends
Table 2.1:
Number of Community Hospitals
1980 - 1998

<table>
<thead>
<tr>
<th>Year</th>
<th>All Hospitals</th>
<th>Urban</th>
<th>Rural</th>
<th>In Health System(1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1980</td>
<td>5,830</td>
<td>2,955</td>
<td>2,875</td>
<td>-</td>
</tr>
<tr>
<td>1981</td>
<td>5,813</td>
<td>3,048</td>
<td>2,765</td>
<td>-</td>
</tr>
<tr>
<td>1982</td>
<td>5,801</td>
<td>3,041</td>
<td>2,760</td>
<td>-</td>
</tr>
<tr>
<td>1983</td>
<td>5,783</td>
<td>3,070</td>
<td>2,713</td>
<td>-</td>
</tr>
<tr>
<td>1984</td>
<td>5,759</td>
<td>3,063</td>
<td>2,696</td>
<td>-</td>
</tr>
<tr>
<td>1985</td>
<td>5,732</td>
<td>3,058</td>
<td>2,674</td>
<td>1,579</td>
</tr>
<tr>
<td>1986</td>
<td>5,678</td>
<td>3,040</td>
<td>2,638</td>
<td>1,735</td>
</tr>
<tr>
<td>1987</td>
<td>5,611</td>
<td>3,012</td>
<td>2,599</td>
<td>1,781</td>
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<tr>
<td>1988</td>
<td>5,533</td>
<td>2,984</td>
<td>2,549</td>
<td>1,857</td>
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<tr>
<td>1989</td>
<td>5,455</td>
<td>2,958</td>
<td>2,497</td>
<td>1,835</td>
</tr>
<tr>
<td>1990</td>
<td>5,384</td>
<td>2,924</td>
<td>2,460</td>
<td>1,822</td>
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<td>1991</td>
<td>5,342</td>
<td>2,921</td>
<td>2,421</td>
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<tr>
<td>1992</td>
<td>5,292</td>
<td>3,007</td>
<td>2,285</td>
<td>1,814</td>
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<tr>
<td>1993</td>
<td>5,261</td>
<td>3,012</td>
<td>2,249</td>
<td>1,829</td>
</tr>
<tr>
<td>1994</td>
<td>5,229</td>
<td>2,993</td>
<td>2,236</td>
<td>1,956</td>
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<tr>
<td>1995</td>
<td>5,194</td>
<td>2,958</td>
<td>2,236</td>
<td>1,990</td>
</tr>
<tr>
<td>1996</td>
<td>5,134</td>
<td>2,908</td>
<td>2,226</td>
<td>2,058</td>
</tr>
<tr>
<td>1997</td>
<td>5,057</td>
<td>2,852</td>
<td>2,205</td>
<td>2,222</td>
</tr>
<tr>
<td>1998</td>
<td>5,015</td>
<td>2,816</td>
<td>2,199</td>
<td>2,176</td>
</tr>
</tbody>
</table>

(1) Hospitals that are part of a corporate body that may own and/or manage health provider facilities or health-related subsidiaries as well as non-health-related facilities including freestanding and/or subsidiary corporations.
Table 2.2:
Number of Beds and Number of Beds per 1,000 Persons
1980 - 1998

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Beds</th>
<th>Beds per 1,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>1980</td>
<td>988,287</td>
<td>4.36</td>
</tr>
<tr>
<td>1981</td>
<td>1,001,801</td>
<td>4.37</td>
</tr>
<tr>
<td>1982</td>
<td>1,011,989</td>
<td>4.37</td>
</tr>
<tr>
<td>1983</td>
<td>1,018,452</td>
<td>4.36</td>
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<tr>
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<td>1,016,987</td>
<td>4.31</td>
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<td>4.21</td>
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<td>1986</td>
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<td>1987</td>
<td>956,529</td>
<td>3.95</td>
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<td>1988</td>
<td>944,276</td>
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<td>1989</td>
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Table 2.3: Beds per 1,000 Persons by State 1998

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<th>State</th>
<th>Beds per 1,000</th>
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</tr>
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<td>Nevada</td>
<td>2.02</td>
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<td>New Mexico</td>
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<td>North Carolina</td>
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<td>Vermont</td>
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<td>2.47</td>
<td>Virginia</td>
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<td>Massachusetts</td>
<td>2.68</td>
<td>Washington</td>
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<td>West Virginia</td>
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<tr>
<td>Minnesota</td>
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<td>Wisconsin</td>
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### Table 2.4:
Percent of Hospitals Offering “Non-hospital” Products or Services
1994 - 1998

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<th></th>
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<th></th>
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<tbody>
<tr>
<td>Health Maintenance Organization</td>
<td>19%</td>
<td>21%</td>
<td>22%</td>
<td>23%</td>
<td>22%</td>
</tr>
<tr>
<td>Preferred Provider</td>
<td>30%</td>
<td>31%</td>
<td>31%</td>
<td>31%</td>
<td>26%</td>
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<tr>
<td>Indemnity Fee-for-service</td>
<td>10%</td>
<td>10%</td>
<td>10%</td>
<td>10%</td>
<td>8%</td>
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<tr>
<td>Home Health Service</td>
<td>74%</td>
<td>77%</td>
<td>77%</td>
<td>78%</td>
<td>76%</td>
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<tr>
<td>Skilled Nursing Facility</td>
<td>45%</td>
<td>49%</td>
<td>52%</td>
<td>53%</td>
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<tr>
<td>Long-term Care</td>
<td>13%</td>
<td>14%</td>
<td>15%</td>
<td>12%</td>
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<tr>
<td>Assisted Living</td>
<td>8%</td>
<td>10%</td>
<td>11%</td>
<td>13%</td>
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<tr>
<td>Hospice</td>
<td>53%</td>
<td>56%</td>
<td>56%</td>
<td>59%</td>
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<tr>
<td>Meals on Wheels</td>
<td>23%</td>
<td>24%</td>
<td>25%</td>
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Source: The Lewin Group analysis of American Hospital Association Annual Survey data, 1994-1998, for Community Hospitals
Table 2.5:
Distribution of Inpatient vs. Outpatient Revenues
1980 - 1998

<table>
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<tr>
<th>Year</th>
<th>GrossOutpatientRevenue</th>
<th>GrossInpatientRevenue</th>
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<tbody>
<tr>
<td>1980</td>
<td>13%</td>
<td>87%</td>
</tr>
<tr>
<td>1981</td>
<td>13%</td>
<td>87%</td>
</tr>
<tr>
<td>1982</td>
<td>13%</td>
<td>87%</td>
</tr>
<tr>
<td>1983</td>
<td>13%</td>
<td>87%</td>
</tr>
<tr>
<td>1984</td>
<td>14%</td>
<td>86%</td>
</tr>
<tr>
<td>1985</td>
<td>16%</td>
<td>84%</td>
</tr>
<tr>
<td>1986</td>
<td>18%</td>
<td>82%</td>
</tr>
<tr>
<td>1987</td>
<td>19%</td>
<td>81%</td>
</tr>
<tr>
<td>1988</td>
<td>21%</td>
<td>79%</td>
</tr>
<tr>
<td>1989</td>
<td>21%</td>
<td>79%</td>
</tr>
<tr>
<td>1990</td>
<td>23%</td>
<td>77%</td>
</tr>
<tr>
<td>1991</td>
<td>24%</td>
<td>76%</td>
</tr>
<tr>
<td>1992</td>
<td>25%</td>
<td>75%</td>
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<tr>
<td>1993</td>
<td>27%</td>
<td>73%</td>
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<tr>
<td>1994</td>
<td>28%</td>
<td>72%</td>
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<tr>
<td>1995</td>
<td>30%</td>
<td>70%</td>
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<tr>
<td>1996</td>
<td>31%</td>
<td>69%</td>
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<td>33%</td>
<td>67%</td>
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<tr>
<td>1998</td>
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<td>67%</td>
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Source: The Lewin Group analysis of American Hospital Association Annual Survey data, 1980-1998, for Community Hospitals
Table 3.1: Trends in Inpatient Utilization in Community Hospitals 1980 - 1998

<table>
<thead>
<tr>
<th>Year</th>
<th>Inpatient Admissions in Community Hospitals</th>
<th>Inpatient Admissions per 1,000</th>
<th>Total Inpatient Days in Community Hospitals</th>
<th>Inpatient Days per 1,000</th>
<th>Average Length of Stay</th>
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</thead>
<tbody>
<tr>
<td>1980</td>
<td>36,143,445</td>
<td>159.54</td>
<td>273,085,130</td>
<td>1,205.43</td>
<td>7.56</td>
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<tr>
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<td>36,438,232</td>
<td>158.80</td>
<td>278,405,882</td>
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</tr>
<tr>
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<td>36,379,446</td>
<td>157.03</td>
<td>278,043,093</td>
<td>1,200.19</td>
<td>7.64</td>
</tr>
<tr>
<td>1983</td>
<td>36,151,780</td>
<td>154.63</td>
<td>273,196,906</td>
<td>1,168.54</td>
<td>7.56</td>
</tr>
<tr>
<td>1984</td>
<td>35,155,462</td>
<td>149.07</td>
<td>256,603,081</td>
<td>1,088.10</td>
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<tr>
<td>1985</td>
<td>33,448,631</td>
<td>140.59</td>
<td>236,619,446</td>
<td>994.52</td>
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<tr>
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<td>134.84</td>
<td>229,447,826</td>
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<tr>
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<td>227,014,903</td>
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<td>192,504,015</td>
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<td>191,430,450</td>
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Table 3.2: Average Length of Stay in Community Hospitals by State 1998

<table>
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<th>Average Length of Stay</th>
<th>State</th>
<th>Average Length of Stay</th>
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<td>Montana</td>
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<td>5.89</td>
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<td>5.25</td>
<td>New Jersey</td>
<td>6.27</td>
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<td>New Mexico</td>
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<td>New York</td>
<td>8.11</td>
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<td>North Carolina</td>
<td>6.40</td>
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<td>Pennsylvania</td>
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<td>7.17</td>
<td>Tennessee</td>
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<td>Texas</td>
<td>5.27</td>
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<td>Wyoming</td>
<td>8.68</td>
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<tr>
<td>Missouri</td>
<td>5.83</td>
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Source: The Lewin Group analysis of American Hospital Association Annual Survey data, 1998, for community hospitals
Table 3.3:
Outpatient Utilization in Community Hospitals
1980 - 1998

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Outpatient Visits</th>
<th>Outpatient Visits per 1,000</th>
<th>Outpatient Surgeries</th>
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</thead>
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<tr>
<td>1980</td>
<td>202,274,528</td>
<td>892.86</td>
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<td>1981</td>
<td>202,554,317</td>
<td>882.72</td>
<td>3,561,573</td>
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<td>1982</td>
<td>247,930,332</td>
<td>1,070.21</td>
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<td>1983</td>
<td>210,038,878</td>
<td>898.40</td>
<td>4,714,504</td>
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<td>1984</td>
<td>211,941,487</td>
<td>898.72</td>
<td>5,529,661</td>
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<td>1985</td>
<td>218,694,236</td>
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<td>231,853,914</td>
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<td>1987</td>
<td>244,495,134</td>
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<td>1988</td>
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<td>321,044,324</td>
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<td>382,780,358</td>
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<td>1,681.85</td>
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<td>1998</td>
<td>474,193,468</td>
<td>1,756.26</td>
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Table 4.1:
Annual Change in Hospital Operating Revenue and Expenses per Adjusted Admission(1)
1980 - 1998

<table>
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<tr>
<th>Year</th>
<th>Expenses per Adjusted Admission</th>
<th>Revenue per Adjusted Admission</th>
<th>Percent Change Expenses</th>
<th>Percent Change Revenue</th>
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<td>1980</td>
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<td>17.3%</td>
</tr>
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<td>$2,501</td>
<td>$2,547</td>
<td>15.2%</td>
<td>15.6%</td>
</tr>
<tr>
<td>1983</td>
<td>$2,789</td>
<td>$2,841</td>
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<td>11.5%</td>
</tr>
<tr>
<td>1984</td>
<td>$2,995</td>
<td>$3,080</td>
<td>7.4%</td>
<td>8.4%</td>
</tr>
<tr>
<td>1985</td>
<td>$3,245</td>
<td>$3,359</td>
<td>8.3%</td>
<td>9.1%</td>
</tr>
<tr>
<td>1986</td>
<td>$3,533</td>
<td>$3,639</td>
<td>8.9%</td>
<td>8.3%</td>
</tr>
<tr>
<td>1987</td>
<td>$3,850</td>
<td>$3,929</td>
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<td>8.0%</td>
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<tr>
<td>1988</td>
<td>$4,207</td>
<td>$4,245</td>
<td>9.3%</td>
<td>8.1%</td>
</tr>
<tr>
<td>1989</td>
<td>$4,588</td>
<td>$4,628</td>
<td>9.1%</td>
<td>9.0%</td>
</tr>
<tr>
<td>1990</td>
<td>$4,947</td>
<td>$5,034</td>
<td>7.8%</td>
<td>8.8%</td>
</tr>
<tr>
<td>1991</td>
<td>$5,560</td>
<td>$5,481</td>
<td>8.3%</td>
<td>8.9%</td>
</tr>
<tr>
<td>1992</td>
<td>$5,794</td>
<td>$5,958</td>
<td>8.1%</td>
<td>8.7%</td>
</tr>
<tr>
<td>1993</td>
<td>$6,132</td>
<td>$6,290</td>
<td>5.8%</td>
<td>5.6%</td>
</tr>
<tr>
<td>1994</td>
<td>$6,230</td>
<td>$6,446</td>
<td>1.6%</td>
<td>2.5%</td>
</tr>
<tr>
<td>1995</td>
<td>$6,216</td>
<td>$6,466</td>
<td>(0.2%)</td>
<td>0.3%</td>
</tr>
<tr>
<td>1996</td>
<td>$6,225</td>
<td>$6,522</td>
<td>0.2%</td>
<td>0.9%</td>
</tr>
<tr>
<td>1997</td>
<td>$6,262</td>
<td>$6,526</td>
<td>0.6%</td>
<td>0.1%</td>
</tr>
<tr>
<td>1998</td>
<td>$6,386</td>
<td>$6,589</td>
<td>2.0%</td>
<td>1.0%</td>
</tr>
</tbody>
</table>


(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
Table 4.2:
Aggregate Total Hospital Margins, Percent of Hospitals with Negative Total Hospital Margins and Aggregate Non-operating Gains as a Percentage of Total Net Revenue 1980-1998

<table>
<thead>
<tr>
<th>Year</th>
<th>Aggregate Total Hospital Margins</th>
<th>Percent of Hospitals with Negative Total Margins</th>
<th>Aggregate Non-Operating Gains as a Percentage of Total Net Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>1980</td>
<td>3.6%</td>
<td>25.7%</td>
<td>2.2%</td>
</tr>
<tr>
<td>1981</td>
<td>3.6%</td>
<td>25.4%</td>
<td>2.2%</td>
</tr>
<tr>
<td>1982</td>
<td>4.2%</td>
<td>24.0%</td>
<td>2.4%</td>
</tr>
<tr>
<td>1983</td>
<td>4.2%</td>
<td>24.1%</td>
<td>2.4%</td>
</tr>
<tr>
<td>1984</td>
<td>5.1%</td>
<td>24.6%</td>
<td>2.4%</td>
</tr>
<tr>
<td>1985</td>
<td>6.0%</td>
<td>23.3%</td>
<td>2.7%</td>
</tr>
<tr>
<td>1986</td>
<td>5.3%</td>
<td>25.7%</td>
<td>2.4%</td>
</tr>
<tr>
<td>1987</td>
<td>4.2%</td>
<td>31.4%</td>
<td>2.3%</td>
</tr>
<tr>
<td>1988</td>
<td>3.3%</td>
<td>32.5%</td>
<td>2.4%</td>
</tr>
<tr>
<td>1989</td>
<td>3.4%</td>
<td>30.8%</td>
<td>2.5%</td>
</tr>
<tr>
<td>1990</td>
<td>3.9%</td>
<td>27.1%</td>
<td>2.1%</td>
</tr>
<tr>
<td>1991</td>
<td>4.3%</td>
<td>24.7%</td>
<td>2.1%</td>
</tr>
<tr>
<td>1992</td>
<td>4.6%</td>
<td>23.8%</td>
<td>1.9%</td>
</tr>
<tr>
<td>1993</td>
<td>4.2%</td>
<td>24.2%</td>
<td>1.8%</td>
</tr>
<tr>
<td>1994</td>
<td>4.8%</td>
<td>22.4%</td>
<td>1.5%</td>
</tr>
<tr>
<td>1995</td>
<td>5.6%</td>
<td>20.4%</td>
<td>1.8%</td>
</tr>
<tr>
<td>1996</td>
<td>6.7%</td>
<td>19.4%</td>
<td>2.3%</td>
</tr>
<tr>
<td>1997</td>
<td>6.7%</td>
<td>20.4%</td>
<td>2.7%</td>
</tr>
<tr>
<td>1998</td>
<td>5.8%</td>
<td>26.6%</td>
<td>2.8%</td>
</tr>
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</table>

# Table 4.3:
Aggregate Hospital Payment-to-cost Ratio for Private Payers, Medicare and Medicaid
1980 - 1998

<table>
<thead>
<tr>
<th>Year</th>
<th>Medicare</th>
<th>Medicaid</th>
<th>Private Payer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1980</td>
<td>95.8%</td>
<td>90.5%</td>
<td>112.4%</td>
</tr>
<tr>
<td>1981</td>
<td>97.2%</td>
<td>92.9%</td>
<td>112.1%</td>
</tr>
<tr>
<td>1982</td>
<td>96.0%</td>
<td>90.8%</td>
<td>114.5%</td>
</tr>
<tr>
<td>1983</td>
<td>96.8%</td>
<td>92.0%</td>
<td>115.5%</td>
</tr>
<tr>
<td>1984</td>
<td>98.0%</td>
<td>88.2%</td>
<td>116.2%</td>
</tr>
<tr>
<td>1985</td>
<td>101.1%</td>
<td>90.4%</td>
<td>115.6%</td>
</tr>
<tr>
<td>1986</td>
<td>100.7%</td>
<td>88.2%</td>
<td>115.9%</td>
</tr>
<tr>
<td>1987</td>
<td>98.2%</td>
<td>83.0%</td>
<td>119.9%</td>
</tr>
<tr>
<td>1988</td>
<td>94.2%</td>
<td>79.7%</td>
<td>121.7%</td>
</tr>
<tr>
<td>1989</td>
<td>91.4%</td>
<td>75.8%</td>
<td>121.6%</td>
</tr>
<tr>
<td>1990</td>
<td>89.2%</td>
<td>79.7%</td>
<td>126.8%</td>
</tr>
<tr>
<td>1991</td>
<td>88.4%</td>
<td>81.6%</td>
<td>129.7%</td>
</tr>
<tr>
<td>1992</td>
<td>88.8%</td>
<td>90.9%</td>
<td>131.3%</td>
</tr>
<tr>
<td>1993</td>
<td>89.4%</td>
<td>93.1%</td>
<td>129.3%</td>
</tr>
<tr>
<td>1994</td>
<td>96.9%</td>
<td>93.7%</td>
<td>124.4%</td>
</tr>
<tr>
<td>1995</td>
<td>99.3%</td>
<td>93.8%</td>
<td>125.9%</td>
</tr>
<tr>
<td>1996</td>
<td>102.4%</td>
<td>94.8%</td>
<td>121.5%</td>
</tr>
<tr>
<td>1997</td>
<td>103.6%</td>
<td>95.9%</td>
<td>117.6%</td>
</tr>
<tr>
<td>1998</td>
<td>101.8%</td>
<td>96.6%</td>
<td>115.8%</td>
</tr>
</tbody>
</table>

### Table 4.4:
**Aggregate Margin by Payer**

<table>
<thead>
<tr>
<th>Year</th>
<th>Private Payers</th>
<th>Medicaid</th>
<th>Medicare</th>
<th>Medicare with Costs at MB-1</th>
<th>Medicare with Costs at MB</th>
<th>Total Margins</th>
</tr>
</thead>
<tbody>
<tr>
<td>1980</td>
<td>14.0%</td>
<td>-7.1%</td>
<td>-3.0%</td>
<td>3.6%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1981</td>
<td>13.5%</td>
<td>-4.8%</td>
<td>-1.7%</td>
<td>3.6%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1982</td>
<td>14.3%</td>
<td>-8.5%</td>
<td>-3.7%</td>
<td>4.2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1983</td>
<td>13.8%</td>
<td>-8.6%</td>
<td>-3.5%</td>
<td>4.2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1984</td>
<td>15.1%</td>
<td>-9.0%</td>
<td>-1.3%</td>
<td>5.1%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1985</td>
<td>14.4%</td>
<td>-6.0%</td>
<td>1.9%</td>
<td>6.0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1986</td>
<td>14.8%</td>
<td>-8.9%</td>
<td>1.7%</td>
<td>5.3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1987</td>
<td>30.6%</td>
<td>-20.2%</td>
<td>-1.6%</td>
<td>4.2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1988</td>
<td>31.5%</td>
<td>-26.0%</td>
<td>-6.0%</td>
<td>3.3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1989</td>
<td>33.2%</td>
<td>-26.5%</td>
<td>-8.4%</td>
<td>3.4%</td>
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<td></td>
</tr>
<tr>
<td>1990</td>
<td>29.5%</td>
<td>-25.0%</td>
<td>-11.9%</td>
<td>3.9%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1991</td>
<td>31.3%</td>
<td>-22.0%</td>
<td>-13.0%</td>
<td>4.3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1992</td>
<td>31.7%</td>
<td>-11.8%</td>
<td>-12.4%</td>
<td>4.6%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1993</td>
<td>30.8%</td>
<td>-11.6%</td>
<td>-11.3%</td>
<td>4.2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1994</td>
<td>28.3%</td>
<td>-6.7%</td>
<td>-3.2%</td>
<td>4.8%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1995</td>
<td>28.1%</td>
<td>-6.6%</td>
<td>-0.7%</td>
<td>5.6%</td>
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<td></td>
</tr>
<tr>
<td>1996</td>
<td>26.9%</td>
<td>-5.4%</td>
<td>2.4%</td>
<td>6.8%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1997</td>
<td>24.8%</td>
<td>-4.2%</td>
<td>3.5%</td>
<td>6.7%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1998</td>
<td>24.2%</td>
<td>-3.5%</td>
<td>1.8%</td>
<td>0.5%*</td>
<td>0.5%*</td>
<td>5.8%</td>
</tr>
<tr>
<td>1999</td>
<td></td>
<td>-1.0%</td>
<td>-1.8%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td></td>
<td>-1.5%</td>
<td>-3.2%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2001</td>
<td></td>
<td>-1.4%</td>
<td>-3.9%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2002</td>
<td></td>
<td>-2.5%</td>
<td>-5.8%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2003</td>
<td></td>
<td>-1.8%</td>
<td>-6.0%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2004</td>
<td></td>
<td>-1.6%</td>
<td>-6.6%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


Notes:
1. Uncompensated Care and Other Government Payers are not shown separately in this chart.
3. The market basket inflation rate is the rate of increase in the prices of goods and services purchased by hospitals:
   - MB-1 = rate of increase in the prices of goods and services purchased by hospitals less one percentage point
   - MB = rate of increase in the prices of goods and services purchased by hospitals.

* The 1999 AHA annual survey provides actual 1998 data; however, 1998 AHA data reflect Medicare payments made under payment policies before and after implementation of the BBA. Post-BBA margins reflect the actual costs reported in the 1999 AHA annual survey and post-BBA payments are simulated based on hospitals that reported payments that were fully subject to BBA policies.
Table 4.5: 
Total Medicare Payments to Hospitals Under the BBA and BBRA 
1997 - 2004 (projected)

<table>
<thead>
<tr>
<th>Year</th>
<th>Pre-BBA (billions)</th>
<th>Inflation-adjusted Post BBA/BBRA (billions)</th>
<th>Post-BBA/BBRA (billions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1997</td>
<td>$120.4</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1998</td>
<td>$131.5</td>
<td>$123.3</td>
<td>$123.3</td>
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<tr>
<td>1999</td>
<td>$137.8</td>
<td>$121.9</td>
<td>$124.9</td>
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<tr>
<td>2000</td>
<td>$141.8</td>
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</tr>
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<td>2001</td>
<td>$145.6</td>
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<td>2002</td>
<td>$149.4</td>
<td>$117.2</td>
<td>$130.6</td>
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<tr>
<td>2003</td>
<td>$153.4</td>
<td>$117.0</td>
<td>$134.3</td>
</tr>
<tr>
<td>2004</td>
<td>$157.6</td>
<td>$116.2</td>
<td>$137.6</td>
</tr>
</tbody>
</table>

(1) Pre-BBA reflects projected payments under laws and regulations existing prior to passage of the BBA
(2) Post-BBA/BBRA reflects projected payments under both the Balanced Budget Act of 1997 (BBA) and the Medicare Balanced Budget Refinement Act of 1999 (BBRA)
Appendix 5: Supplementary Data Tables

Workforce
Table 5.1:
Total Number of Active Physicians per 1,000 Persons by State
1997

<table>
<thead>
<tr>
<th>State</th>
<th>Physicians per 1,000</th>
<th>State</th>
<th>Physicians per 1,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
<td>1.97</td>
<td>Montana</td>
<td>1.92</td>
</tr>
<tr>
<td>Alaska</td>
<td>1.72</td>
<td>Nebraska</td>
<td>2.13</td>
</tr>
<tr>
<td>Arizona</td>
<td>2.17</td>
<td>Nevada</td>
<td>1.81</td>
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<td>1.88</td>
<td>New Hampshire</td>
<td>2.13</td>
</tr>
<tr>
<td>California</td>
<td>2.41</td>
<td>New Jersey</td>
<td>2.34</td>
</tr>
<tr>
<td>Colorado</td>
<td>2.47</td>
<td>New Mexico</td>
<td>3.06</td>
</tr>
<tr>
<td>Connecticut</td>
<td>3.4</td>
<td>New York</td>
<td>3.71</td>
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<tr>
<td>Delaware</td>
<td>2.49</td>
<td>North Carolina</td>
<td>2.26</td>
</tr>
<tr>
<td>District of Columbia</td>
<td>6.92</td>
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<td>2.24</td>
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<tr>
<td>Florida</td>
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<td>Pennsylvania</td>
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<td>Rhode Island</td>
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<td>South Dakota</td>
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<td>2.45</td>
<td>Wisconsin</td>
<td>2.28</td>
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<tr>
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<td>1.60</td>
<td>Wyoming</td>
<td>1.71</td>
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<tr>
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<td>2.48</td>
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</table>

Source: Health United States, 1999; includes active non-federal doctors of medicine and active doctors of osteopathy
Table 5.2:  
Medical and Dental Residents in Training  
in Community Hospitals  
1980 - 1998

<table>
<thead>
<tr>
<th>Year</th>
<th>Residents</th>
</tr>
</thead>
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<td>1980</td>
<td>55,572</td>
</tr>
<tr>
<td>1981</td>
<td>57,776</td>
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<tr>
<td>1982</td>
<td>58,439</td>
</tr>
<tr>
<td>1983</td>
<td>59,990</td>
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<td>1984</td>
<td>61,888</td>
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<tr>
<td>1985</td>
<td>59,171</td>
</tr>
<tr>
<td>1986</td>
<td>63,200</td>
</tr>
<tr>
<td>1987</td>
<td>60,909</td>
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<tr>
<td>1988</td>
<td>63,608</td>
</tr>
<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>
</tbody>
</table>

Table 5.3:
Total Full Time Equivalent Employees Working in Hospitals and Full Time Equivalents per Adjusted Admission 1980 - 1998

<table>
<thead>
<tr>
<th>Year</th>
<th>FTE Personnel</th>
<th>FTE per Adjusted Admission</th>
</tr>
</thead>
<tbody>
<tr>
<td>1980</td>
<td>2,872,772</td>
<td>0.069</td>
</tr>
<tr>
<td>1981</td>
<td>3,028,154</td>
<td>0.073</td>
</tr>
<tr>
<td>1982</td>
<td>3,305,136</td>
<td>0.079</td>
</tr>
<tr>
<td>1983</td>
<td>3,095,579</td>
<td>0.074</td>
</tr>
<tr>
<td>1984</td>
<td>3,016,665</td>
<td>0.073</td>
</tr>
<tr>
<td>1985</td>
<td>2,996,846</td>
<td>0.075</td>
</tr>
<tr>
<td>1986</td>
<td>3,024,320</td>
<td>0.076</td>
</tr>
<tr>
<td>1987</td>
<td>3,106,082</td>
<td>0.078</td>
</tr>
<tr>
<td>1988</td>
<td>3,195,168</td>
<td>0.080</td>
</tr>
<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>0.078</td>
</tr>
</tbody>
</table>


(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.
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 Percent of Total FTEs 1986 - 1998

<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>1986</td>
<td>736.3</td>
<td>0.0185</td>
<td>24.3%</td>
</tr>
<tr>
<td>1987</td>
<td>759.0</td>
<td>0.0192</td>
<td>24.4%</td>
</tr>
<tr>
<td>1988</td>
<td>770.6</td>
<td>0.0192</td>
<td>24.0%</td>
</tr>
<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>23.7%</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>895.7</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>930.0</td>
<td>0.0190</td>
<td>23.8%</td>
</tr>
</tbody>
</table>

Table 5.5:
RN Employment by Type of Provider
1980 - 1996

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent Employed by Hospitals</td>
<td>65.7%</td>
<td>68.1%</td>
<td>67.9%</td>
<td>66.5%</td>
<td>60.1%</td>
</tr>
<tr>
<td>Percent Employed Nursing Homes</td>
<td>8.0%</td>
<td>7.7%</td>
<td>6.6%</td>
<td>7.0%</td>
<td>8.1%</td>
</tr>
<tr>
<td>Percent Employed by Public/Community Health</td>
<td>6.6%</td>
<td>6.8%</td>
<td>6.8%</td>
<td>9.7%</td>
<td>13.1%</td>
</tr>
<tr>
<td>All Other</td>
<td>19.8%</td>
<td>17.3%</td>
<td>18.6%</td>
<td>16.8%</td>
<td>18.7%</td>
</tr>
</tbody>
</table>

Source: Findings from the National Sample Survey of Registered Nurses, 1980 - 1996; Bureau of Health Professionals, Division of Nursing, DHHS

Table 5.6:
Distribution of RN Workforce by Age
1980 - 2000 (projected)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>128,554</td>
<td>90,074</td>
<td>78,556</td>
<td>47,625</td>
<td>58,012</td>
<td>57,025</td>
</tr>
<tr>
<td>&lt;25</td>
<td>289,777</td>
<td>287,080</td>
<td>237,578</td>
<td>198,405</td>
<td>170,277</td>
<td>166,520</td>
</tr>
<tr>
<td>25-29</td>
<td>255,400</td>
<td>338,032</td>
<td>368,982</td>
<td>328,190</td>
<td>297,119</td>
<td>238,359</td>
</tr>
<tr>
<td>30-34</td>
<td>205,979</td>
<td>261,868</td>
<td>332,159</td>
<td>421,553</td>
<td>413,931</td>
<td>370,789</td>
</tr>
<tr>
<td>35-39</td>
<td>180,327</td>
<td>222,619</td>
<td>267,578</td>
<td>355,799</td>
<td>465,188</td>
<td>473,720</td>
</tr>
<tr>
<td>40-44</td>
<td>150,087</td>
<td>179,520</td>
<td>212,846</td>
<td>259,093</td>
<td>378,569</td>
<td>489,394</td>
</tr>
<tr>
<td>45-49</td>
<td>137,154</td>
<td>151,080</td>
<td>173,828</td>
<td>202,111</td>
<td>263,635</td>
<td>402,342</td>
</tr>
<tr>
<td>50-54</td>
<td>124,613</td>
<td>131,543</td>
<td>140,190</td>
<td>164,273</td>
<td>201,114</td>
<td>274,365</td>
</tr>
<tr>
<td>55-59</td>
<td>81,485</td>
<td>105,034</td>
<td>109,019</td>
<td>120,687</td>
<td>147,951</td>
<td>172,277</td>
</tr>
<tr>
<td>60-64</td>
<td>74,270</td>
<td>83,269</td>
<td>101,064</td>
<td>126,476</td>
<td>145,849</td>
<td>185,455</td>
</tr>
</tbody>
</table>

Source: Findings from the National Sample Survey of Registered Nurses, 1980-1996, Bureau of Health Professionals, Division of Nursing, DHHS
Table 5.7:  
Annual Enrollment in US RN Education Programs  
1987 - 1996

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1987</td>
<td>182,947</td>
</tr>
<tr>
<td>1988</td>
<td>184,924</td>
</tr>
<tr>
<td>1989</td>
<td>201,458</td>
</tr>
<tr>
<td>1990</td>
<td>221,170</td>
</tr>
<tr>
<td>1991</td>
<td>237,598</td>
</tr>
<tr>
<td>1992</td>
<td>257,983</td>
</tr>
<tr>
<td>1993</td>
<td>270,228</td>
</tr>
<tr>
<td>1994</td>
<td>268,350</td>
</tr>
<tr>
<td>1995</td>
<td>261,219</td>
</tr>
<tr>
<td>1996</td>
<td>238,244</td>
</tr>
</tbody>
</table>

Source: Center for Research in Nursing Education and Community Health, National League of Nursing
Table 5.8: Projection of RN Workforce Supply and Demand 1995 - 2020

<table>
<thead>
<tr>
<th>Year</th>
<th>RN FTE Supply</th>
<th>RN FTE Demand</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995</td>
<td>1,813,000</td>
<td>1,800,000</td>
</tr>
<tr>
<td>2000</td>
<td>1,987,000</td>
<td>1,969,000</td>
</tr>
<tr>
<td>2005</td>
<td>2,128,000</td>
<td>2,095,000</td>
</tr>
<tr>
<td>2010</td>
<td>2,214,000</td>
<td>2,232,000</td>
</tr>
<tr>
<td>2015</td>
<td>2,277,000</td>
<td>2,391,000</td>
</tr>
<tr>
<td>2020</td>
<td>2,284,000</td>
<td>2,575,000</td>
</tr>
</tbody>
</table>

Source: Report to the Secretary of the Department of Health and Human Services on Basic Registered Nurse Workforce, 1996, National Advisory Council on Nurse Education and Practice