Defining the Medicaid Primary Care Landscape in Northern Virginia
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● Medicaid expansion goes into effect on January 1, 2019.

● An estimated 225,000 people in Northern Virginia are expected to become eligible.

● Is the number of primary care providers who accept Medicaid sufficient to meet the needs of the large influx of new enrollees?
## Number of Primary Care Providers in Northern Virginia

<table>
<thead>
<tr>
<th>Provider Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family Practice Physicians</td>
<td>269</td>
</tr>
<tr>
<td>General Practice Physicians</td>
<td>280</td>
</tr>
<tr>
<td>Internists</td>
<td>1417</td>
</tr>
<tr>
<td>OB-GYN</td>
<td>35</td>
</tr>
<tr>
<td>*<em>Total Number of Providers</em></td>
<td><strong>1670</strong></td>
</tr>
</tbody>
</table>

*Some physicians may fall into multiple categories; this is the total count for all unique PCPs regardless of specialty type.  
Data Source: [https://www.virginiamedicaid.dmas.virginia.gov/wps/portal/SearchForProviders](https://www.virginiamedicaid.dmas.virginia.gov/wps/portal/SearchForProviders)
<table>
<thead>
<tr>
<th>City/County</th>
<th>Farsi</th>
<th>Hindi</th>
<th>Korean</th>
<th>Spanish</th>
<th>Vietnamese</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fairfax</td>
<td>4</td>
<td>15</td>
<td>11</td>
<td>19</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>Arlington</td>
<td>1</td>
<td>4</td>
<td>0</td>
<td>10</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Alexandria</td>
<td>1</td>
<td>7</td>
<td>0</td>
<td>5</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Loudoun</td>
<td>4</td>
<td>16</td>
<td>7</td>
<td>10</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Prince William</td>
<td>6</td>
<td>11</td>
<td>4</td>
<td>19</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>53</td>
<td>22</td>
<td>63</td>
<td>9</td>
<td>12</td>
</tr>
<tr>
<td><strong>Percent out of all PCPs</strong></td>
<td><strong>0.98%</strong></td>
<td><strong>3.24%</strong></td>
<td><strong>1.35%</strong></td>
<td><strong>3.85%</strong></td>
<td><strong>0.55%</strong></td>
<td><strong>0.73%</strong></td>
</tr>
</tbody>
</table>

Some physicians may fall into multiple categories; this is the total count for all PCPs regardless of speciality type.

Data Source: https://www.virginiamedicaid.dmas.virginia.gov/wps/portal/SearchForProviders
Regional View of Northern Virginia
Overall, Northern Virginia is a moderately populated region with most areas having between 4,000-22,000 people per square mile.

However, upon close inspection, there are several areas that have a much higher population density.

### High Density Population Census Tracts in Northern Virginia

<table>
<thead>
<tr>
<th>City/County</th>
<th>Population</th>
<th>Census Tracts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alexandria</td>
<td>22,000-116,000</td>
<td>201203, 201202, 201204, 201600, 200703, 200107, 200301, 200104, 200102, 200105, 200106, 200103, 200407, 200406, 200405, 200303, 200600</td>
</tr>
<tr>
<td>Arlington</td>
<td>116,000-618,125</td>
<td>101701, 101403, 101603, 101701, 101802, 101801, 101803, 101404, 02001, 101402, 101403, 102003, 102200, 102801, 102701, 103300, 103200, 103602, 103402, 103503, 103502, 103501</td>
</tr>
<tr>
<td>Fairfax</td>
<td>22,000-116,000</td>
<td>440202, 452802, 452801, 452700, 461901, 452502, 451900, 451601, 451501, 471201, 421400, 421600, 421500, 422102, 481104, 482203, 420503, 420501, 420502</td>
</tr>
<tr>
<td>Manassas</td>
<td>22,000-116,000</td>
<td>910401</td>
</tr>
<tr>
<td>Loudoun</td>
<td>22,000-116,000</td>
<td>610505</td>
</tr>
</tbody>
</table>

There were no high density areas in Prince William, Falls Church, or Fairfax City.

Data Source: ArcGIS.com, Esri 2018 USA Median Household Income map layer.
Regional View of Median Household Income

2018 US Median Household Income

Zip Code

- $111,200 - 200,100
- $78,200 - 111,200
- $45,100 - 78,200
- $12,100 - 45,100
- $0 - 12,100
Northern Virginia is a wealthy region with significant portions of the area having a median household income between $78,000-200,100.

There are also significant disparities in income and census tracks where the median household income is much lower.
Areas Lacking Medicaid PCP’s in Fairfax

Inova Mount Vernon

Inova CFWC

Neighborhood Health

2018 US Population Density

Zip Code

- 116,000 - 618,125 people per sq mi
- 22,000 - 116,000 people per sq mi
- 4,000 - 22,000 people per sq mi
- 1,000 - 4,000 people per sq mi
- 0 - 1,000 people per sq mi

2018 US Median Household Income

Zip Code

- $111,200 - 200,100
- $78,200 - 111,200
- $45,100 - 78,200
- $12,100 - 45,100
- $0 - 12,100
Lack of Medicaid Providers in Fairfax

- There are no PCPs who accept Medicaid within 5+ miles surrounding Inova Mount Vernon Hospital.
- However, there are three safety net providers in the area, two of which accept Medicaid.
- The area has several lower income census areas as well as being densely populated.
Low Income Areas in Arlington

- Virginia Hospital Center
- Arlington Pediatric Center
- Arlington Free Clinic
- Neighborhood Health
- Arlington National Cemetery
- DCA

2018 US Median Household Income

- Blue: $111,200 - 200,100
- Green: $78,200 - 111,200
- Yellow: $45,100 - 78,200
- Orange: $12,100 - 45,100
- Red: $0 - 12,100
Lack of Medicaid Providers in Arlington

- Arlington has the most population dense census tracts in the region and the only county that has a census tract with 22,000-116,00 people per square mile.

- It is also the only county that has a census tract with a median household income of $0-12,100.
  - There are two additional census tracts that appear to be in this range within Arlington, however, they are Reagan National Airport and Arlington National Cemetery.

- There is an increased need for PCPs that accept Medicaid due to the county’s population density and low income of its residents.
Conclusion

- Are there enough primary care providers that accept Medicaid to serve the current and expanded Medicaid patient population?
  - Unclear due to limitations of the available data sources.
  - Without surveying the providers, there is no way to know who has capacity to serve new Medicaid patients.
- There is a need for additional primary care providers that accept Medicaid in more rural areas.
- There is a need for more providers who are linguistically and culturally competent throughout all of Northern Virginia.
Recommendations

- Survey/interview MCOs to determine provider network size & how they plan to expand to meet the need.
- Increase Medicaid reimbursement rates for PCPs.
- Provide business or financial incentives to providers who accept Medicaid.
- Streamline the administrative and billing processes for providers participating in Medicaid.
- Encourage free and charitable clinics located in underserved areas to participate in Medicaid.
- Assess health-related transportation needs in outlying suburbs and more rural areas and develop cost-effective alternatives to taxicabs.