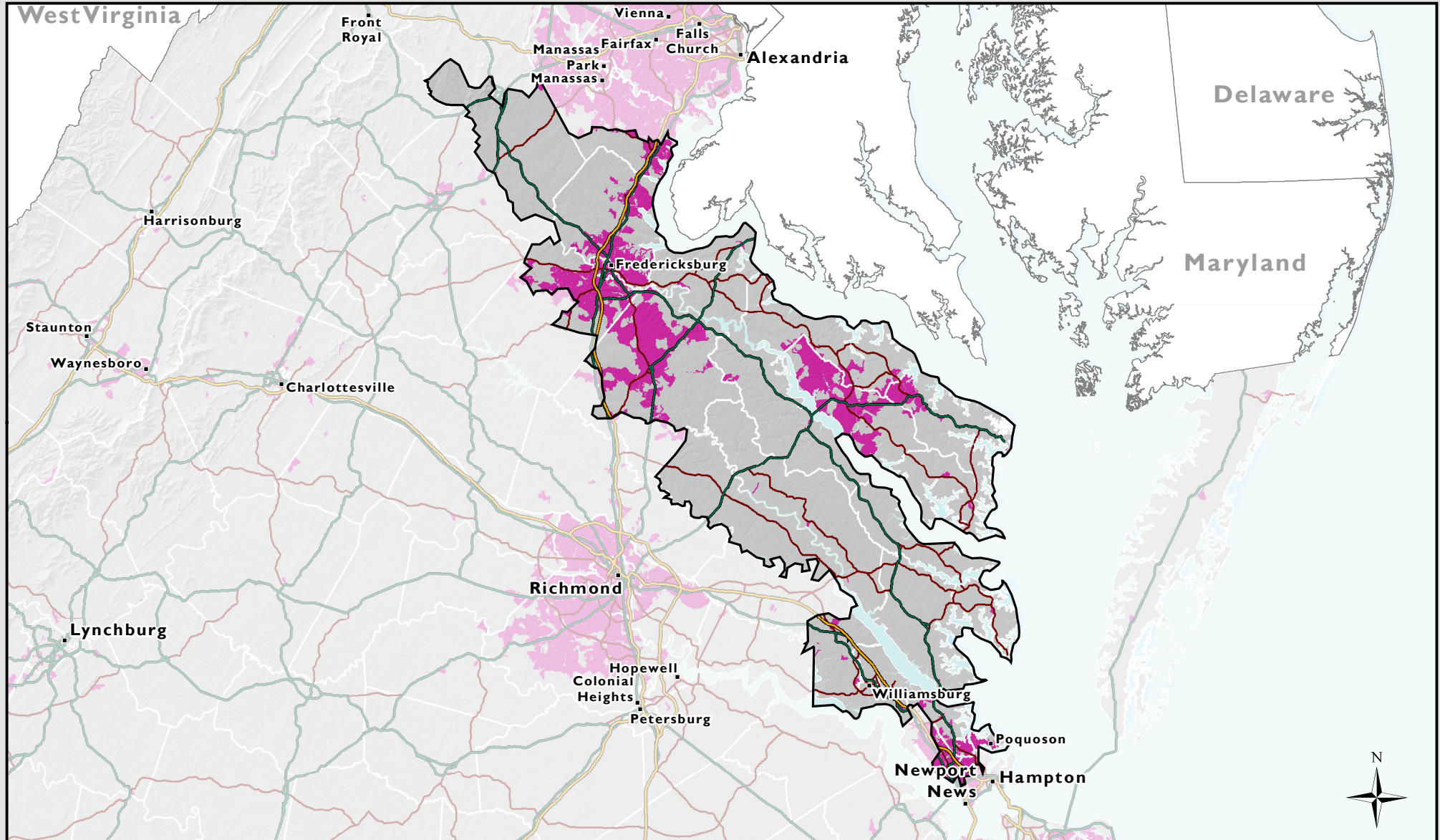


Virginia's 1st Congressional District

Fiber Optic Coverage



Total population of the 1st Congressional District as of the 111th Congress: **786,237**

Total area of Virginia's 1st Congressional District covered by Fiber Optic: **6%**

Fiber Optic: Fiber optic technology converts electrical signals to light, which is transmitted through transparent glass fibers about the diameter of a human hair. Fiber optic technology has the capacity to transmit at speeds surpassing any other broadband technology.

Fiber Optic Providers Maximum Advertised Speeds

Download: Varies by locality, 768 Kbps - 1 Gbps

Upload: Varies by locality, 768 Kbps - 1 Gbps

 **Fiber Optic**

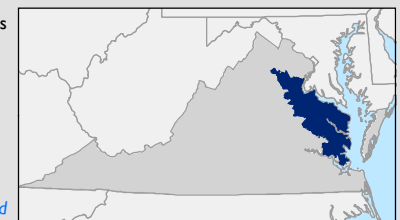
0 50 Miles

1:1,448,840

Coordinate System: NAD 1983 HARN Virginia Lambert

Data Sources: USGS, CIT, VGIN, VITA, US Census Bureau

Data Current as of October 2014



Virginia Broadband Map..... <http://gismaps.vita.virginia.gov/broadband>
Virginia Office of Telework Promotion and Broadband Assistance... <http://www.wired.virginia.gov/>
CGIT Broadband Planning and Analysis Toolbox..... <http://www.cgivt.edu/broadband/>

*Data may not be complete or comprehensive