



BROADBAND, EQUITY, ACCESS AND DEPLOYMENT (BEAD) CELLULAR INFRASTRUCTURE PROGRAM

The Commonwealth of Virginia was awarded \$1.48 billion in BEAD funds with the goal of expanding access to reliable high-speed internet. A portion of the funds will be directed to **deploying cellular infrastructure**, which will reach areas of Virginia without reliable voice and data connectivity from any cellular carrier.*

USAGE OF NON-DEPLOYMENT FUNDS ACROSS VIRGINIA

DEPLOYING CELLULAR INFRASTRUCTURE

Expanding cellular coverage to cover dead zones without voice and data service from any cell provider

CELLULAR INFRASTRUCTURE IMPLEMENTATION STRATEGY

DHCD will prioritize expanding cellular access to the following:



HOMES AND BUSINESSES



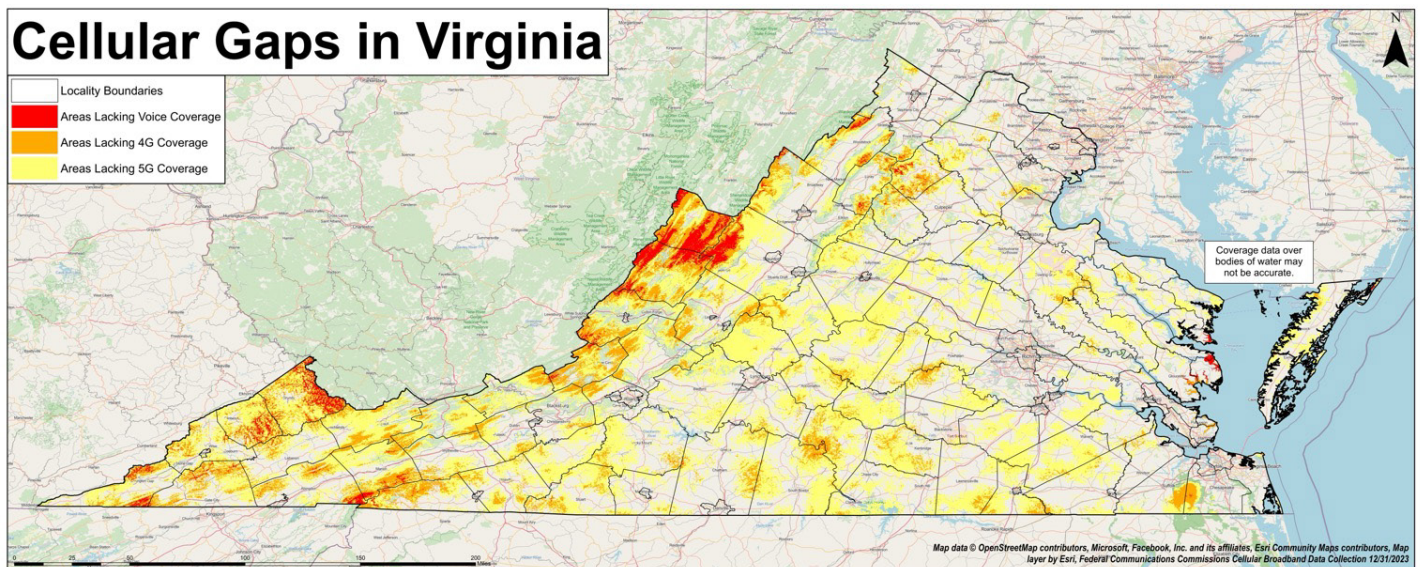
ROADS



PUBLIC LANDS

VIRGINIA'S CELLULAR GAPS AT-A-GLANCE**

Preliminary mapping shows over 41,000 homes and businesses that lack baseline voice (red areas) and 4G connectivity (orange areas). These areas also include over 10,800 miles of roads and 19,000 square miles of land area. Areas in yellow have baseline voice and 4G connectivity, but still lack full voice and modern 5G connectivity from any carrier.



Expanding cellular connectivity creates more resilient and connected communities across the Commonwealth, providing critical support for emergency services, supporting local governments and empowering the private sector with reliable connectivity to support business operations and innovation.

* All activities under BEAD require NTIA approval. The BEAD Final Proposal will present project details and will be released for public comment in Summer 2025.

** This map was presented at the Broadband Advisory Council meeting on Dec. 6, 2024