



Virginia Broadband Update

DHCD, Office of Broadband



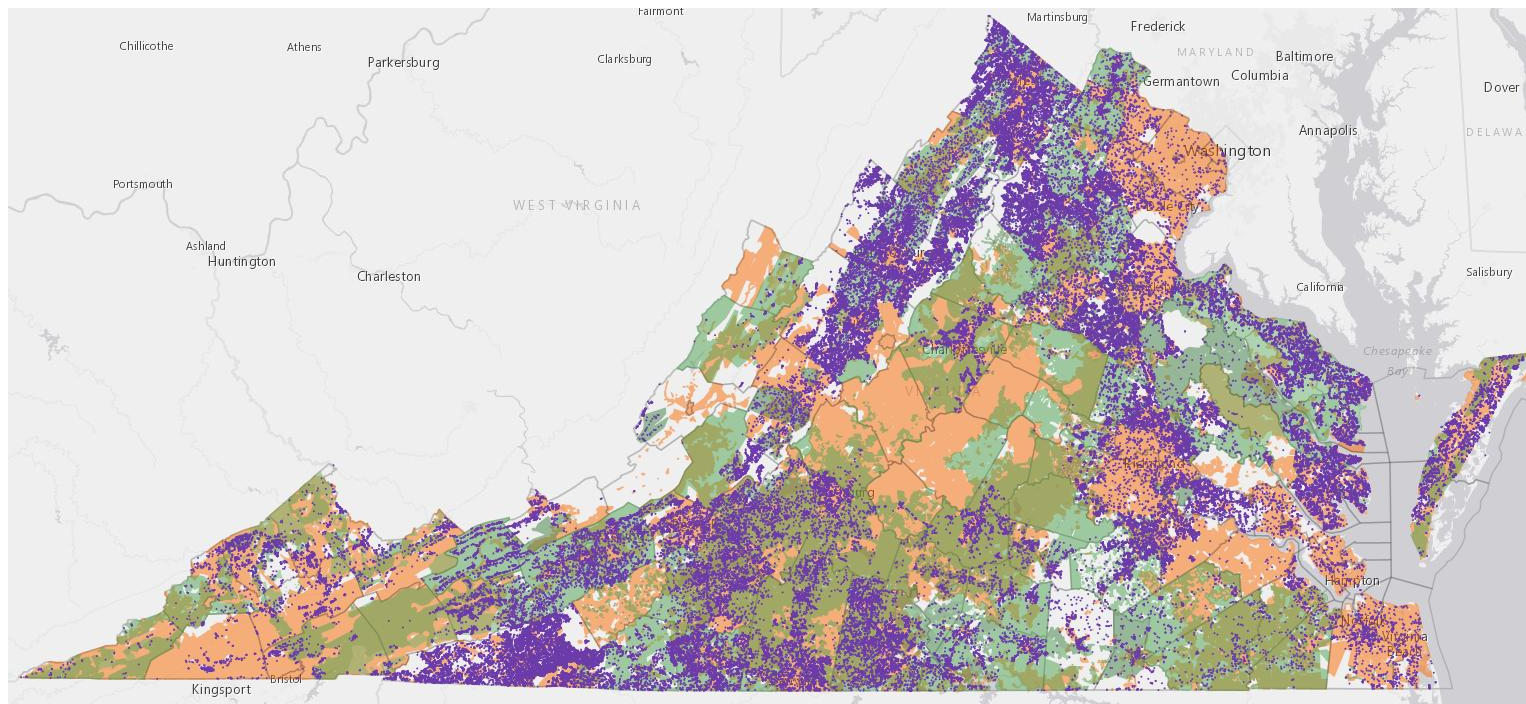
**VIRGINIA DEPARTMENT OF HOUSING
AND COMMUNITY DEVELOPMENT**
Partners for Better Communities

Virginia Broadband Investments

| Fiscal Year | Funding Source | Funding Amount | Locations Served |
|-------------|---|-----------------------|------------------|
| 2017 | State General Funds | \$1 Million | 1,582 |
| 2018 | State General Funds | \$1 Million | 454 |
| 2019 | State General Funds | \$5 Million | 15,275 |
| 2020 | State General Funds | \$19 Million | 36,109 |
| 2021 | State General Funds | \$49.7 Million | 25,314 |
| 2022 | State General Funds | \$49.7 Million | 28,538 |
| 2022 | American Rescue Plan: State Fiscal Recovery Funds | \$479 Million | 180,214 |
| 2022 | American Rescue Plan: Capital Projects Funds | \$221 Million | 76,873 |
| 2023 | State General Funds | \$49.7 Million | 29,578 |
| 2024 | State General Funds | \$49.7 Million | 15,759 |
| 2025 | BEAD Program Funds | \$613 million | 133,500 |



Virginia Broadband Coverage



Purple Areas – BEAD areas to be funded in 2025

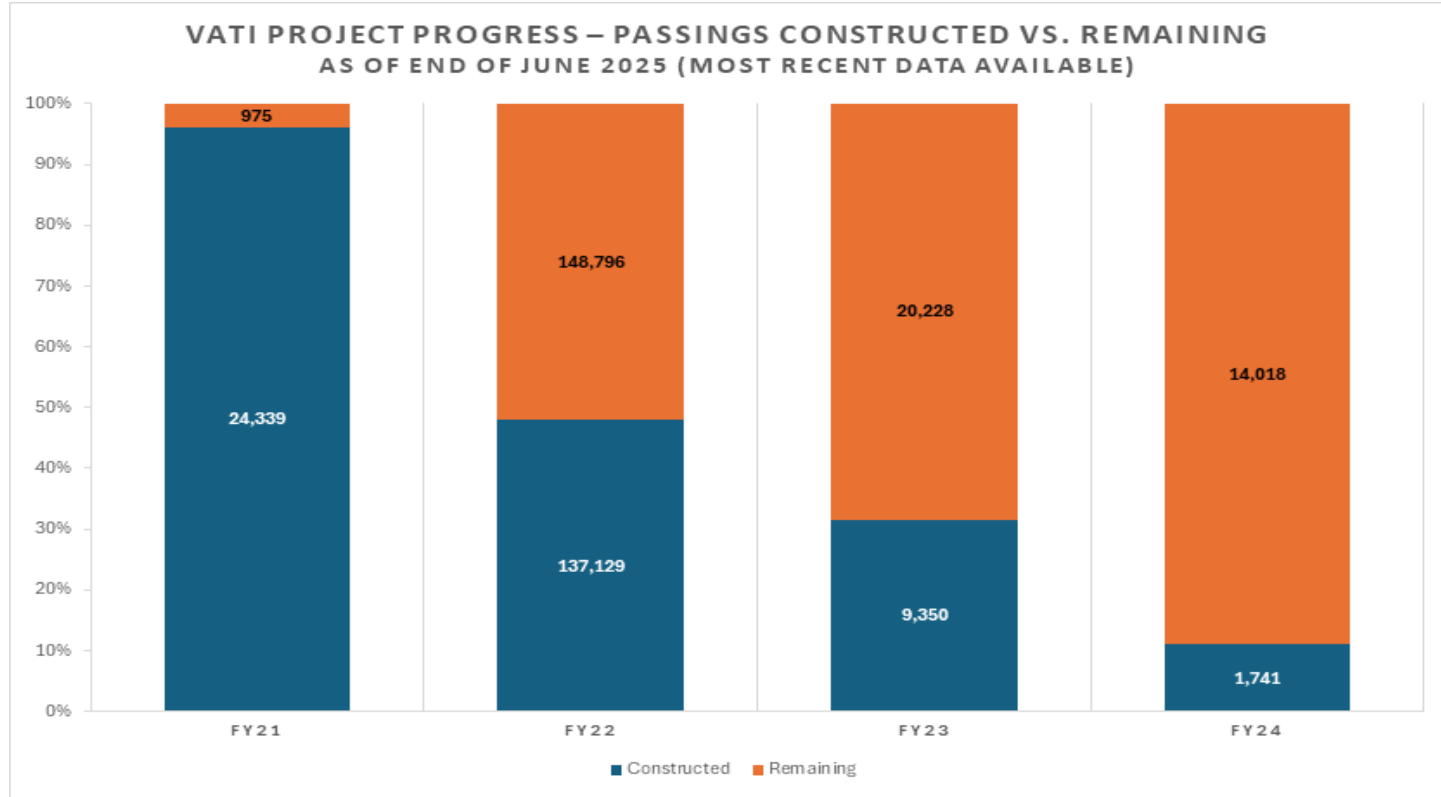
Orange Areas – Pre-existing broadband coverage

Green Areas – Previous VATI-funded coverage

White Areas – Other coverage areas: Federally Funded, National Forest, Military Base

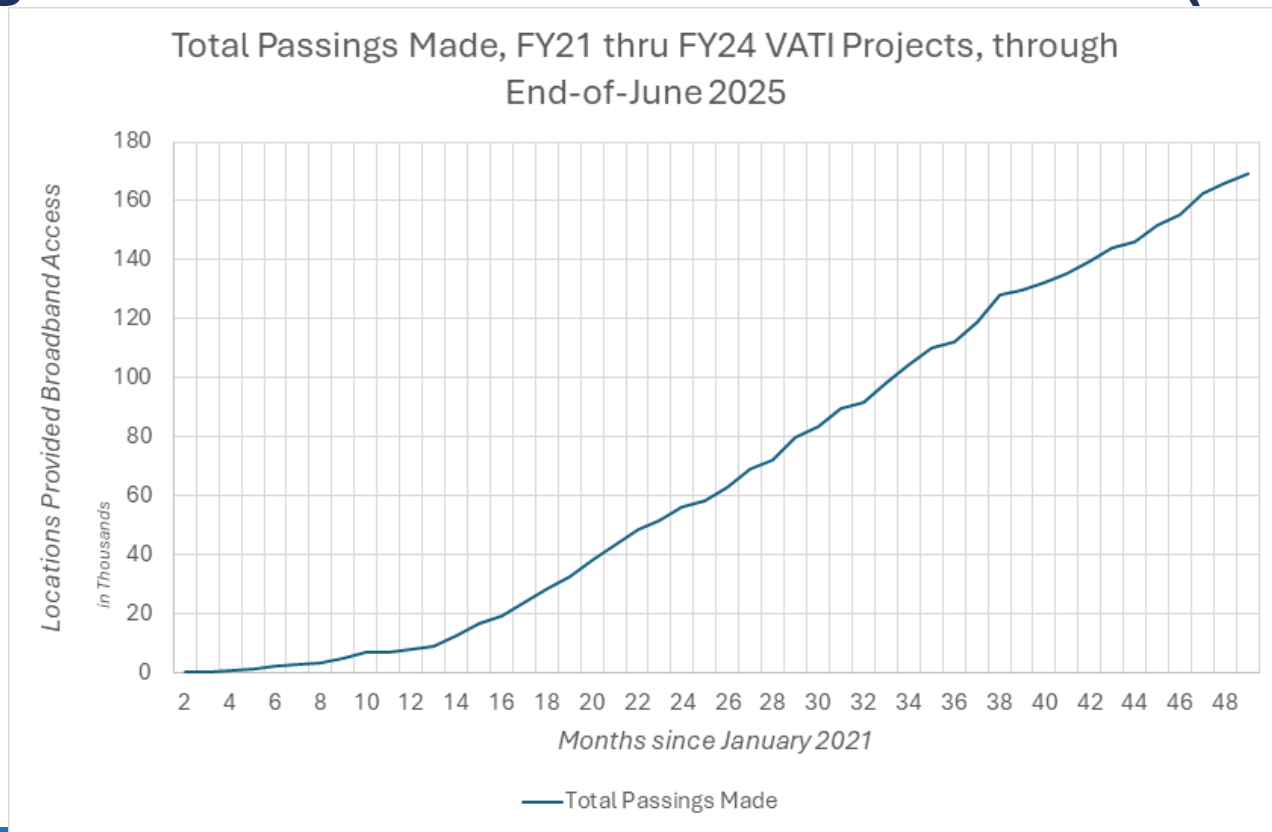


Virginia Telecommunication Initiative (VATI)



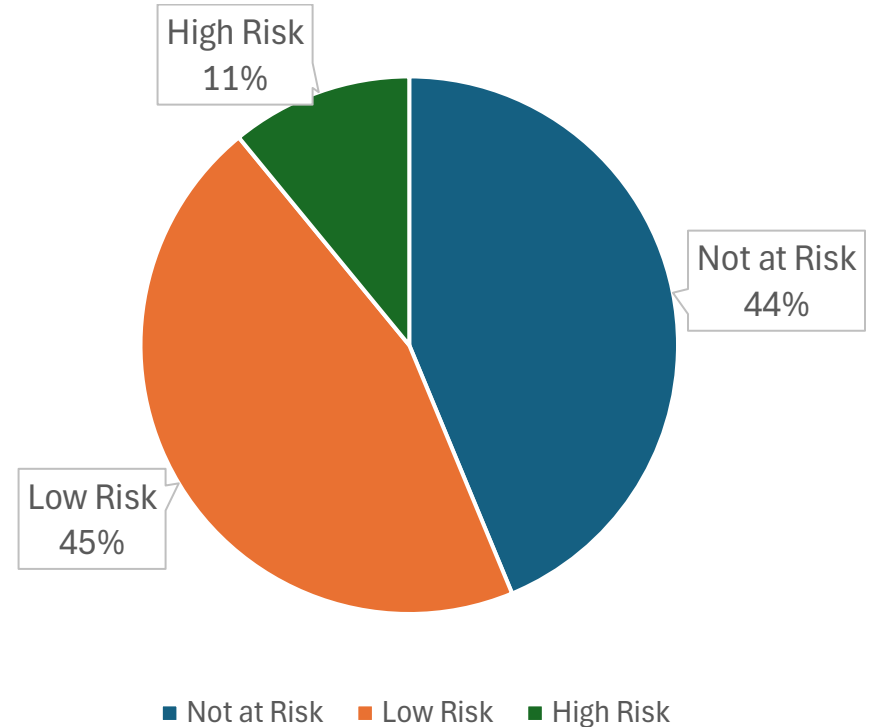


Virginia Telecommunication Initiative (VATI)



VATI Project Risk Status

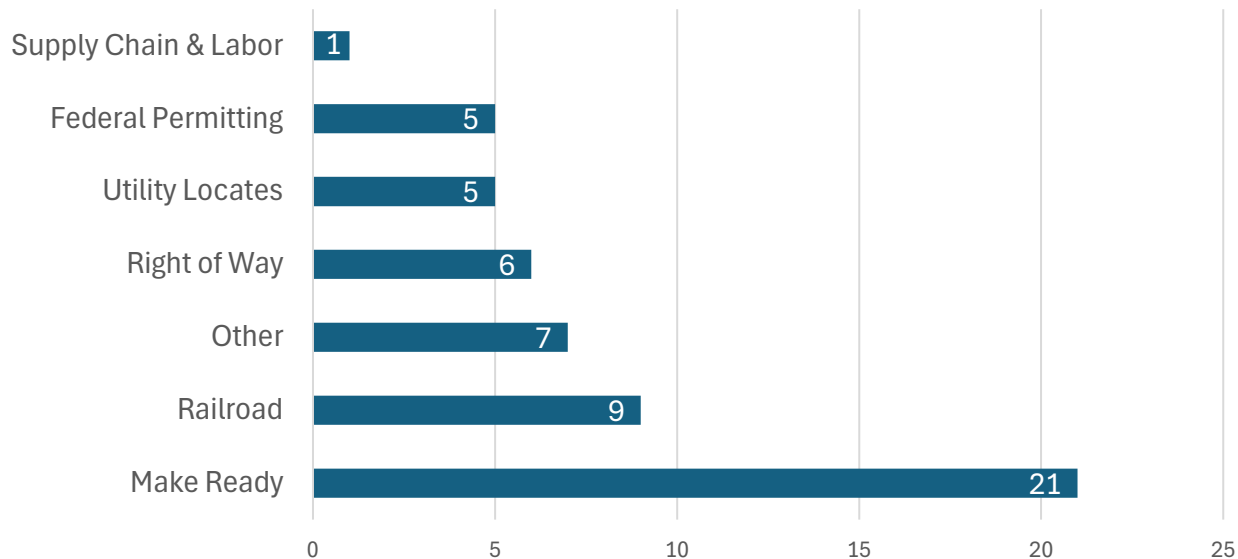
- Overview
 - 64 total open VATI projects
 - Not at Risk: 28
 - Low Risk: 29
 - High Risk: 7
 - 5 funded with ARPA dollars.
- High risk projects trigger additional monitoring.





VATI Project Delay Data

Reasons for Project Delay
as of April 2025 Monthly Reports



BEAD - Federal Update

- Trump Administration published its BEAD Restructuring Policy Notice on June 6th
- Eliminated Certain Regulatory Requirements
- Required Technology Agnosticism
- States have until September 4th to submit award recommendations via the Final Proposal
- Cheapest Bidder Wins





Update on Virginia Broadband Equity, Access, and Deployment Program (BEAD)

- Virginia completed its BEAD Benefit of the Bargain on July 26, 2025, and Published its Draft Final Proposal for 7-day Public Comment Period on August 6, 2025.
- Virginia will reach functional universal coverage of all previously identified unserved locations with this round of BEAD deployment grants.
- The deployment grant results will result in \$613 million in awards—leveraging \$434 million in private investment from internet providers—and reaching all 133,000 BEAD eligible homes and businesses.



Provisional BEAD awards by Technology and Top 5 Providers

Awards include all internet technologies. Technology break down:

- Fiber -- 81.3% of locations
- Cable -- 7.65% of locations
- Satellite -- 9.85% of locations
- Fixed Wireless -- 1.19% of locations

Top 5 internet service providers:

- Comcast -- 24,343 locations
- All Points Broadband -- 19,801 locations (only in its existing service areas)
- RiverStreet Networks -- 13,509 locations
- Zitel -- 12,985 locations
- Amazon Kuiper -- 6,957 locations



Proposed Uses for BEAD Non-Deployment Funding

DHCD projects over \$800 million will be available for BEAD Non-Deployment

| Category | Description |
|---|--|
| Cellular Connectivity* | Identify gaps in cell coverage and build infrastructure through private sector partnerships to serve regions without voice and data cell coverage. |
| Multi Dwelling Unit (MDU) Connectivity* | Identify MDUs that don't have unit level broadband availability and extend connectivity to units |
| State Agency Partnerships and Programs* | Partner with other state agencies to implement broadband adoption programs under the other agencies' respective missions and priorities. |
| Gap Fill Long Term Connectivity Barriers* | Utilize innovative technologies to reach locations that will be inevitably mis-mapped under BEAD |



BEAD Non-Deployment Update

Virginia's work to build on the momentum of addressing broadband access to close the whole digital divide.

Federal Guidance on Non-Deployment Initiatives is forthcoming.



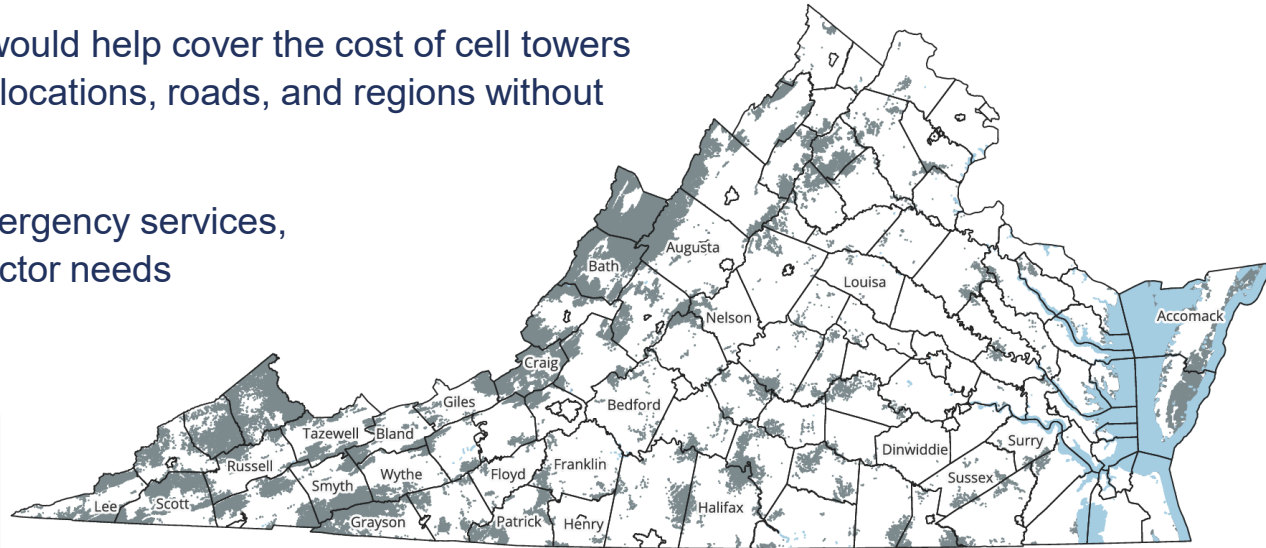
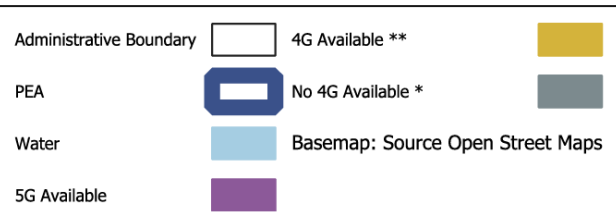


Cellular Connectivity



- Preliminary mapping shows ~9,200 locations that can't make a phone call, and an additional ~45,000 locations can call and text, but nothing else.
- A cellular connectivity program would help cover the cost of cell towers and extend cell service to these locations, roads, and regions without baseline cell coverage
- Towers can be leveraged for emergency services, local government and private-sector needs

KEY

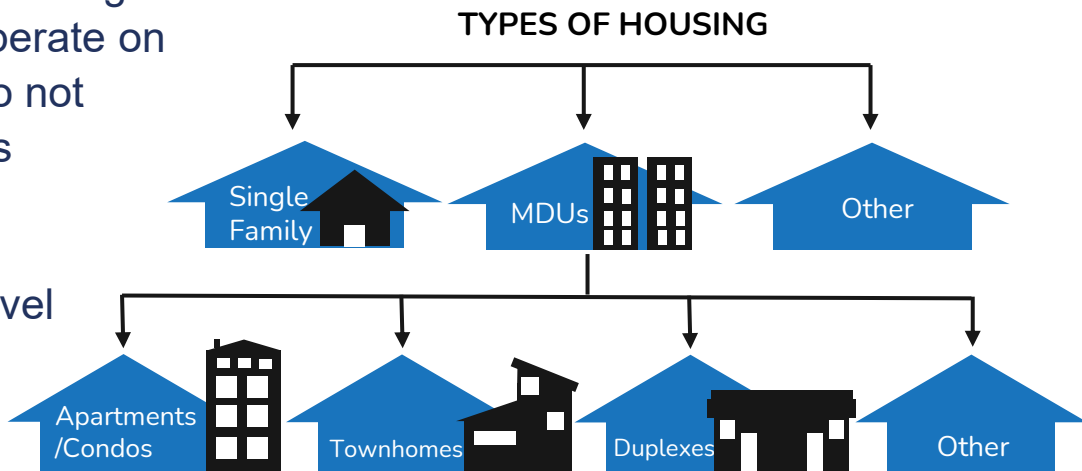


Cellular Deployment Program Mobile Data Coverage Analysis



Multi Dwelling Unit (MDU) Connectivity

- While broadband service is usually available around MDUs and apartment buildings, units within those buildings sometimes don't have individual serviceability to them
- Families and individuals within these buildings without individual connections often operate on sub-par, shared Wi-Fi networks that do not meet modern internet speed standards
- This program would work with broadband providers to provide unit-level connectivity to unserved MDUs, targeting low-income households first, then all such buildings





State Agency & State Organization Partnerships



- DHCD has been building capacity with state agencies regarding broadband adoption
- To date, DHCD is moving forward with finalizing 31 broadband adoption projects across 15 state agencies, to form our Agency Partnership Non-Deployment part of the BEAD program
- Some example partnerships include: (not an all-inclusive list)
 - Partner with DVS for veteran programs centered around technology and connectivity
 - Partner with Va Coop. Ext. for precision agriculture programs/smart farming adoption
 - Partner with DOE Office of Adult Education and Department of Corrections to promote digital literacy and education for incarcerated individuals

The background of the entire slide features a light blue gradient with white silhouettes of a family walking away from the viewer. On the left, a man carries a baby in a carrier. In the center, a young girl holds hands with the man and another child. On the right, a woman holds hands with the girl and another child. The silhouettes are positioned against a lighter blue area that suggests a horizon or a path.

THANK YOU



**VIRGINIA DEPARTMENT OF HOUSING
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