



## Office of the Secretary of Technology

### Broadband Update ~ Joint Commission on Technology and Science



**Karen Jackson**

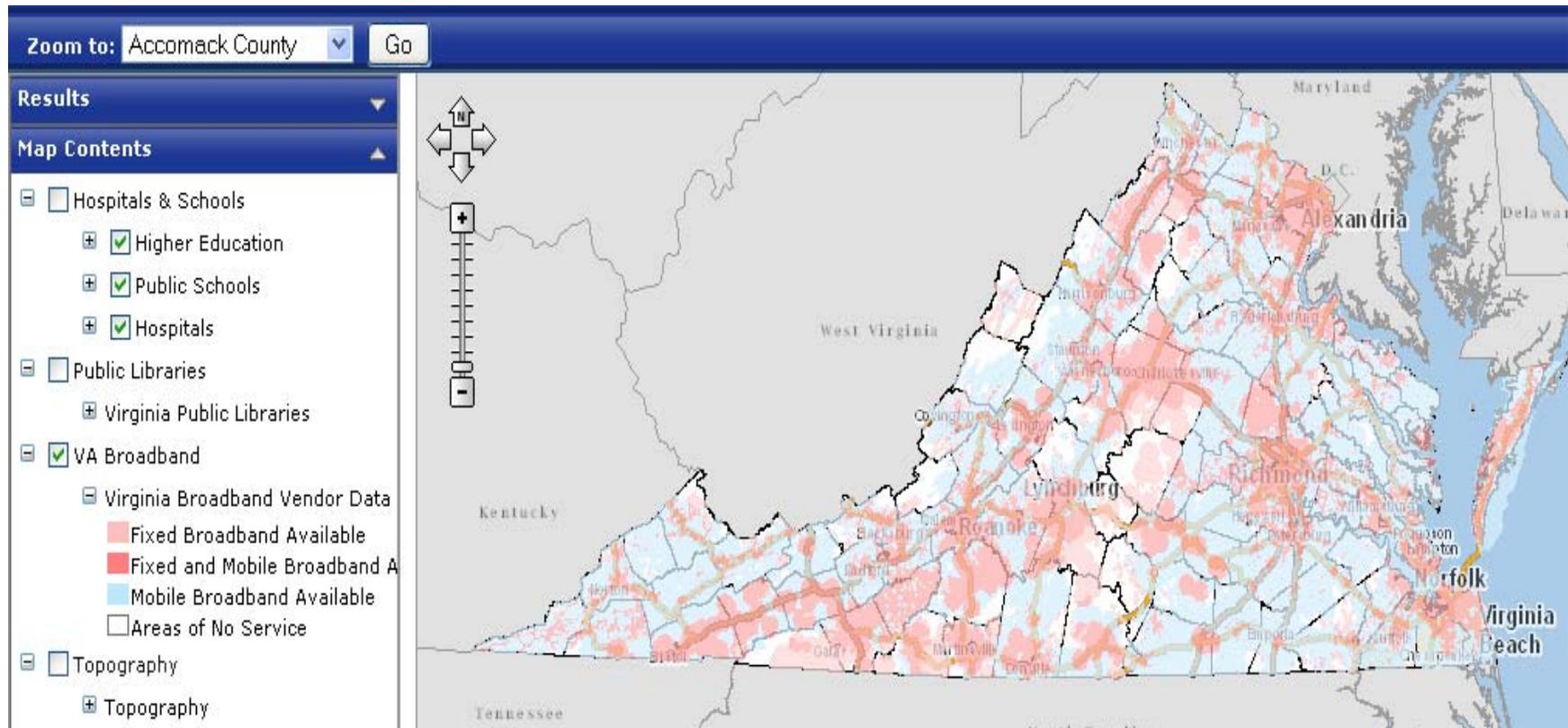
Deputy Secretary of Technology

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August 2009



## Commonwealth Broadband Availability Map Phase I



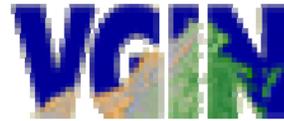
“Phase I” of Broadband Availability Map launched in May 2009; currently drafting statewide application for ARRA funding to support expanding and improving capabilities of current map. All broadband ARRA funding applications due **August 14, 2009**



## Office of the Secretary of Technology

*Broadband Roundtable Deliverable #1*

### “21<sup>st</sup> Century” Mapping Strategy to Empower Decision Making



#### VA Mapping Initiative In Brief

**Goal:** Establish a baseline of broadband service availability across the Commonwealth

**Voluntary Reporting:** Carriers voluntarily agreed to participate in the process with broad stakeholder support – at no cost to the taxpayer

**Respecting Market Privacy:** Through Virginia’s **CIT**, carriers protected against risk of competitive disadvantage due to data loss

**Results:** Initial returns promising – **12 NDAs** signed, **five** data sets mapped; completed map expected by end of **2008**

**Technical Advantages:** Virginia now recognizes the “new” FCC definition of **at least 768Kbps** download speed and at least 200Kbps upload speed as the minimum definition of broadband service

**Address-Level Data:** Virginia has a process in place to collect and map geo-coded address-level broadband availability data and geo-spatial and demographic information displayed at the County level - at no additional cost



## Office of the Secretary of Technology

### Broadband Advisory Council to Help Carry Initiatives Forward

#### Broadband Advisory Council (HB2423, SB1336)

- Monitor broadband efforts of other states, as well broadband activities at the federal level, and regulatory and policy changes for potential impact on broadband deployment and sustainability in the Commonwealth;
- Advise the Governor and the General Assembly on policies and strategies related to making affordable broadband services available to every Virginia home and business;
- Encourage public-private partnerships to increase the deployment and adoption of broadband services and applications;
- Annually report to the Governor and the Joint Commission on Technology and Science on the progress towards the goal of universal access for businesses and on the assessment of Commonwealth broadband infrastructure investments and utilization of Council-supported resources to promote broadband access;
- Periodically review and comment on the quality, availability, and accessibility of state-maintained or funded broadband resources and programs.



#### **Council Citizen Members**

**R. Bryan David**, Region 2000 Economic Development Council

**Heather Gold**, XO Communications

**Ray LaMura**, Virginia Cable Telecommunications Association

**Laura Lee**, Office of Congressman Rick Boucher

**Duront Walton**, Virginia Telecommunications Industry Association



## Office of the Secretary of Technology

### ARRA Funding for Broadband

- **\$7.2 billion** dollars in Recovery Act funding for broadband available through Rural Utilities Service (RUS) and National Telecommunications and Information Administration (NTIA):
  - **Broadband Technology Opportunities Program** (BTOP - \$4.7 billion)
    - Three BTOP categories:
      - Infrastructure (unserved, underserved last mile and middle mile projects)
      - Public Computer Center
      - Sustainable Broadband Adoption
    - Up to \$1.6 billion in BTOP funds are available for award under the first round Notice of Funds Availability
      - Subsequent funding rounds will follow; all awards must be made no later than Sept 30, 2010
  - **Broadband Initiatives Program**
    - RUS grant/loan program targeting broadband infrastructure for un/underserved rural areas
  - **State Broadband Data and Development Program**
    - \$240 million available through this Notice of Funds Availability for broadband inventory map work

**\*\* All First Round Applications due August 14, 2009**

