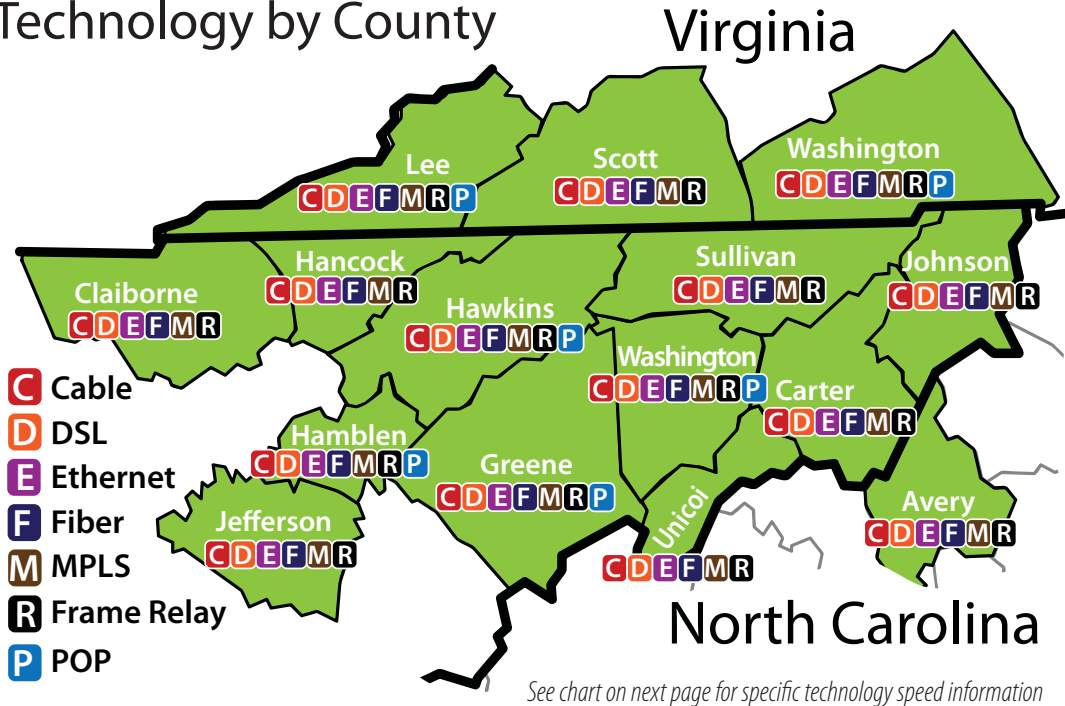


BROADBAND ACCESS

Available Broadband Technology by County



The Northeast Tennessee Technology Council (NETTC) and Northeast Tennessee Valley Regional Industrial Development Association (NETVRIDA) partnered to survey and publish this report on the availability of high speed broadband services in their respective serving regions. This report covers a 15 county area in three states.

North Carolina – Avery County

Tennessee – Carter, Claiborne, Greene, Hamblen, Hancock, Hawkins, Jefferson, Johnson, Sullivan, Unicoi and Washington Counties

Virginia – Lee, Scott, Washington Counties

NETTC is an organization made up of professionals in technology who represent business and industry and education in the region. NETVRIDA is multi-county economic development organization comprised of the Tennessee Valley Authority (TVA) and electric power distributors to promote economic development through marketing the region.

Definitions:

For the purpose of this report the following definitions are used:

High Speed Broadband Services - Network access via cable, fiber, RF, digital subscriber line (DSL) and/or Ethernet connectivity ranging from 1.5 MB to 1000MB within the specified county.

Internet Providers - The listing of companies providing Internet service connection within the specified county.

Internet Routes - The number of physical Internet service routes out of the serving region.

POP - Point-of-presence (POP) is an artificial demarcation point or interface point between communication entities.

http://www.your-site.com

BROADBAND ACCESS

Provider Contacts

Broadband infrastructure information is constantly changing and improving. Please contact the providers to pursue specific site selection opportunities.



Bristol Tennessee Essential Services

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423-793-5534



Bristol Virginia Utilities

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Verizon Wireless

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NETTC and NETVRIDA have researched and verified the data in this report in conjunction with the providers represented here. These organizations will endeavor to keep this data updated in the future and welcome reader comments and inquiries through the links provided here. Also, contact information for all providers of broadband service is included. It is not the intent of either the NETTC or the NETVRIDA to restrict, exclude, or share competitive information regarding any service providers who may offer high speed broadband services within the region.

Available Service/Technology & Speeds

	Service/Technology																					
	Cable Modem ('C)				DSL ('D)				Ethernet ('E)				Fiber ('F)		MPLS ('M)				Frame Relay ('R)			
	Upload Speed		Download Speed		Upload Speed		Download Speed		Upload Speed		Download Speed		Deployed		Upload Speed		Download Speed		Upload Speed		Download Speed	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Yes	No	Max	Min	Max	Min	Max	Min	Max	Min
Avery, NC⁽¹⁾	768K	768K	1.5M	1.52M	2.3M	128K	2.3M	128K	2.5G	1.5M	2.5G	1.5M		No	622M	1.5M	622M	1.5M	622M	64K	622M	64K
Carter, TN^(1,2)	2M	768K	20M	1.52M	2.3M	128K	2.3M	128K	10G	5M	10M	5M	Y		622M	1.5M	622M	1.5M	622M	64K	622M	64K
Claiborne, TN^(1,2)	768K	768K	1.5M	1.52M	2.3M	128K	2.3M	128K	10G	1.5M	10G	5M			622M	1.5M	622M	1.5M	622M	64K	622M	64K
Greene, TN^(1,2)	2M	768K	20M	5M	2.3M	128K	2.3M	128K	10G	5M	10G	5M	Y		622M	1.5M	622M	1.5M	622M	64K	622M	64K
Hamblen, TN^(1,2)	2M	768K	20M	1.52M	2.3M	128K	2.3M	128K	10G	5M	10G	5M	Y		622M	1.5M	622M	1.5M	622M	64K	622M	64K
Hancock, TN^(1,2)	2M	768K	16M	5M	2.3M	128K	2.3M	128K	10G	5M	10G	5M	Y		622M	1.5M	622M	1.5M	622M	64K	622M	64K
Hawkins, TN^(1,2)	2M	768K	20M	5M	2.3M	128K	2.3M	128K	10G	5M	10G	5M	Y		622M	1.5M	622M	1.5M	622M	64K	622M	64K
Jefferson, TN^(1,2)	2M	768K	20M	1.52M	2.3M	128K	2.3M	128K	10G	5M	10G	5M	Y		622M	1.5M	622M	1.5M	622M	64K	622M	64K
Johnson, TN^(1,2)	768K	768K	1.5M	1.52M	2.3M	128K	2.3M	128K	10G	5M	10M	5M	Y		622M	1.5M	622M	1.5M	622M	64K	622M	64K
Lee, VA⁽¹⁾	2M	768K	20M	1.52M	2.3M	128K	2.3M	128K	10G	1.5M	10G	5M	Y		622M	1.5M	622M	1.5M	622M	64K	622M	64K
Scott, VA⁽¹⁾	2M	768K	20M	1.52M	2.3M	128K	2.3M	128K	10G	1.5M	10G	5M	Y		622M	1.5M	622M	1.5M	622M	64K	622M	64K
Sullivan, TN^(1,2)	2M	768K	20M	1.52M	2.3M	128K	2.3M	128K	10G	5M	10G	5M	Y		622M	1.5M	622M	1.5M	622M	64K	622M	64K
Unicoi, TN^(1,2)	2M	768K	20M	1.52M	2.3M	128K	2.3M	128K	10G	5M	10G	5M	Y		622M	1.5M	622M	1.5M	622M	64K	622M	64K
Washington, TN^(1,2)	2M	768K	20M	5M	2.3M	128K	2.3M	128K	10G	5M	10G	5M	Y		622M	1.5M	622M	1.5M	622M	64K	622M	64K
Washington, VA⁽¹⁾	2M	768K	20M	5M	2.3M	128K	2.3M	128K	10G	5M	10G	5M	Y		1G	2M	1G	2M	1G	2M	1G	2M

Survey Service Areas:

⁽¹⁾ Northeast Tennessee Valley Regional Industrial Development Association (NETVRIDA)

⁽²⁾ Northeast Tennessee Technology Council (NETTC)