



Broadband | The Road Ahead

Closing the SC Digital Divide

South Carolina Office of Regulatory Staff | December 1, 2023



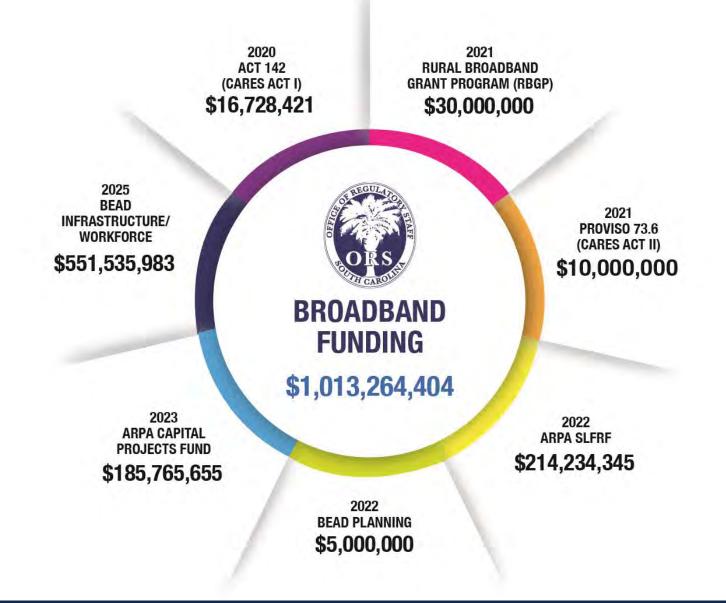
2023 Awards

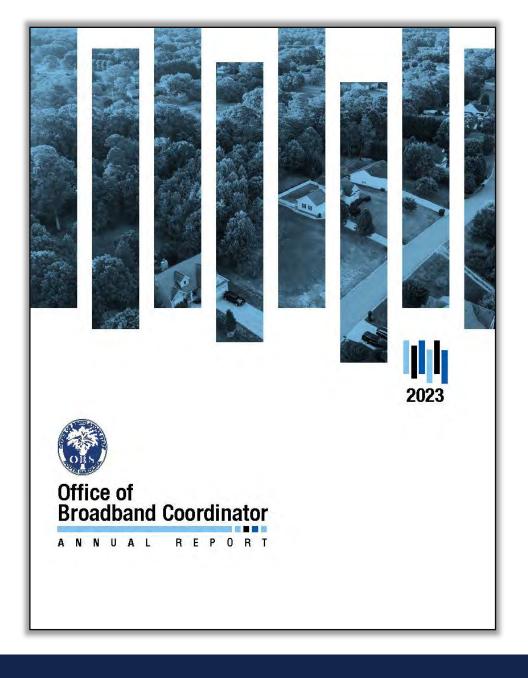
- Esri | Special Achievement in GIS
- SC Information Technology Director's Association | Innovation Award

SCBBO Innovations

- Software-Modeled Mapping
 - √ Technology-based w/ Ookla Integration
- www.scdigitaldrive.org
 - ✓ Esri Hub, Bi-Annual Mapping, PowerPoint Slide Format
- DSL End of Useful Life
 - ✓ First state in the US to make this move.
- Direct FCC Data Collection / Auditing
- BSL-based Mapping / BSL-based Grants
 - ✓ Census 2010 -> Census 2020 -> BSL since July 2021

- Moved from 25/3 to 100/20 Mapping
- I Need Internet Survey
 - ✓ Direct Consumer Feedback
- FCC BSL Challenge Leader
- 2-Yr Project Limits / Investment Tranches
- Quarterly Project Reviews / Inspections / Financial Evaluations
- Strong Grant Documents
- Funded Project Register
- Broadband Office (July 2021)





Use:

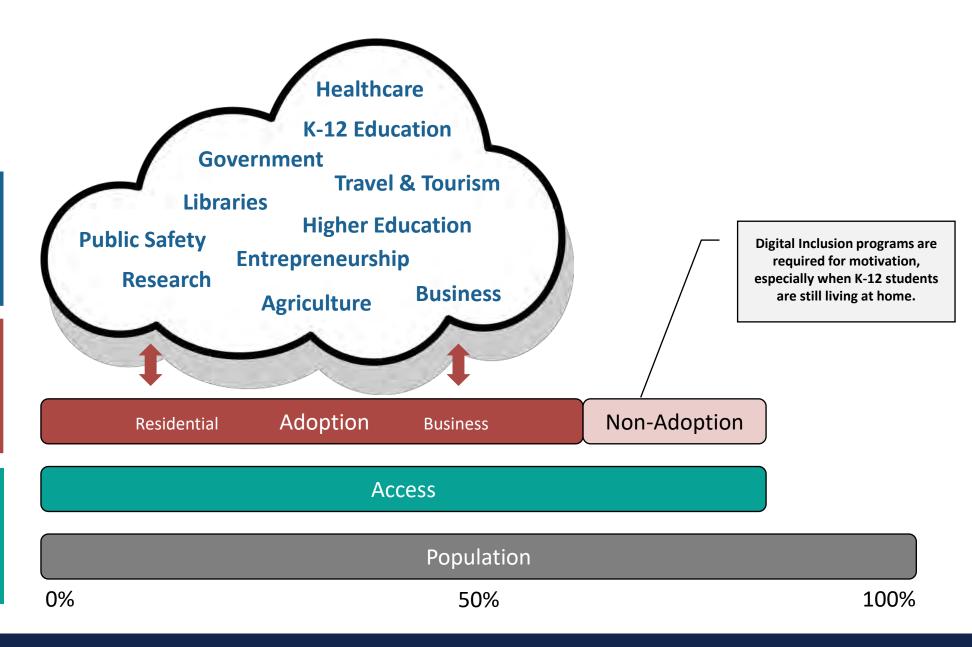
Skills and applications to leverage technology to improve quality of life and community/economic development

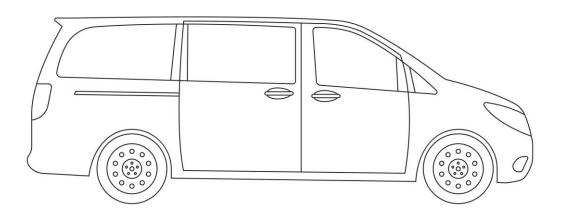
Adoption:

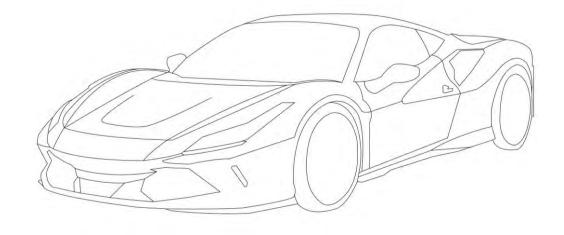
Recognizing the value in broadband and subscribing either at home, work, or via public institutions

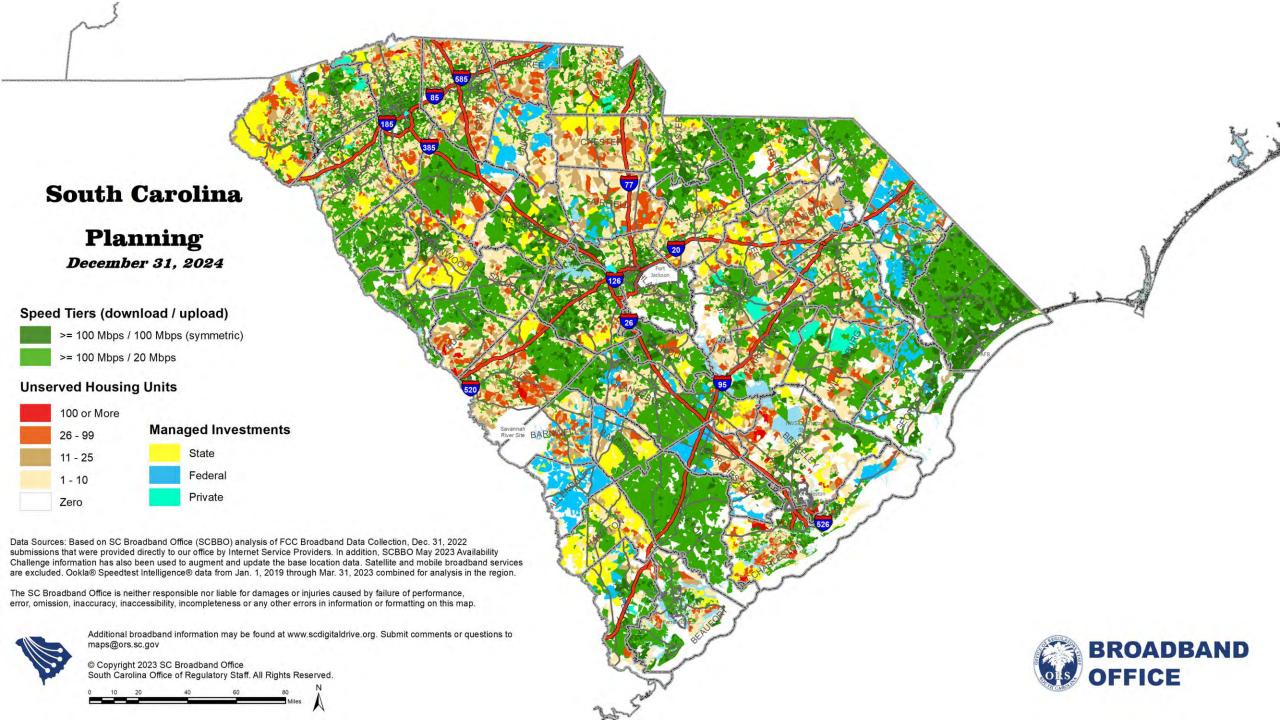
Access:

The physical connection to high-speed infrastructure







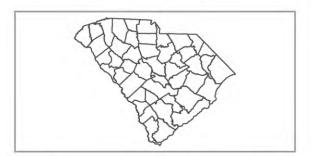


South Carolina

Statewide

Statistics

March 31, 2023



Population

Population estimates are calculated by multiplying Dec. 2022 FCC Broadband Servicable Locations (BSL) times an approximate residents per BSL.

Public K-12

K-12 student data reflects the subset of public school students which have been geocoded as of September 30, 2022. Student data was provided by the SC Department of Education.

Residential BSL Units

Assistantial Dead Heard Sequential Landin (BSL) is a house, an apartment, a mobile home, a group of rooms, or a single room that is occupied (or if vacant, is intended for occupancy) as separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building and which have direct access from the outside of the building or through a common hall. Dec, 2022 FCC BSL data is used in all calculations.

Qualified Residential BSL Units

Qualified BSLs are located within Difficult Development Areas (Qualified Census Tracts) as determined by US Housing and Urban Development utilizing Census 2010 format. Census 2020 translation was done by the SC Broadband Office (SCBBO).

ACP

The Affordable Connectivity Program (ACP) is an FCC benefit program that helps ensure that households can afford the broadband they need for work, school, healthcare and more.

Data Sources: Based on SC Broadband Office (SCBBO) analysis of residential FCC Broadband Data Collection, Dec. 31, 2022 submissions that were provided directly to our office by Internet Service Providers. In addition, SCBBO May 2023 Availability Challenge information has also been used to augment and update the base location data. Satellite and mobile broadband services are excluded. Ookla@ Speedtest Intelligence@ data from Jan. 1, 2019 through Mar. 31, 2023 combined for analysis in the region. ACP eligibility information provided by Education SuperHighway and enrollment reported by the Universal Service Administrative Company (USAC) through March 2022.

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Additional broadband information may be found at www.scdigitaldrive.org. Submit comments or questions to maps@ors.sc.gov



US Census	Population		Residential BSL		
2010	4,625,364		2,137,683		
2020	5,118,425	10.7%	2,344,963	9.7%	
March 31, 2023	5,282,634	3.2%	2,488,256	6.1%	

CURRENT	Current Below 100↓ Mbps Download / 20个 Mbps Upload							
	Population		Public K-12		Res BSL		Qual BSL	0.400
March 31, 2023	394,419	7.7%	31,316	4.4%	191,548	7.7%	28,485	14.9%

			ACC	ESS	
Fiber		Cable		Copper	
1,257,047	50.5%	2,170,076	87.2%	2,026,228	81.4%

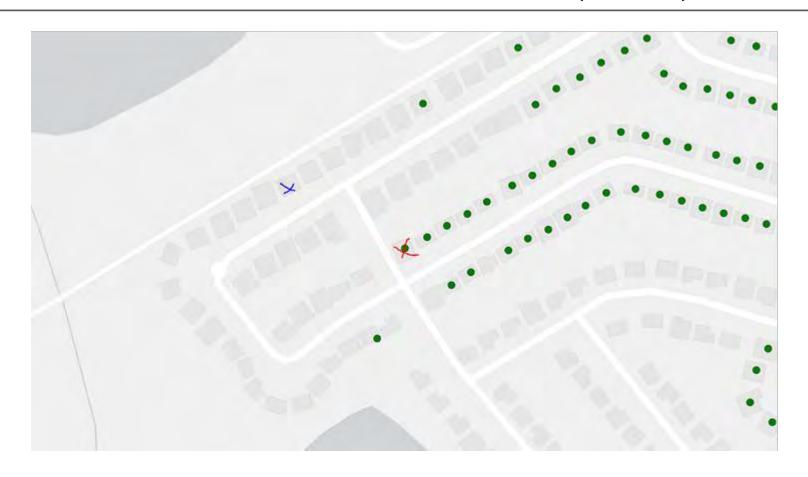
	ADOPTION						
Fiber		Cable		Copper		Fixed Wireless	
461,307	18.5%	1,197,234	48.1%	241,831	9.7%	2,428	0.1%

ACP Enrollment						
Subscribers	Service	Device	Devices			
324,332 37.1%	\$8,664,711	\$723,012	7,442			

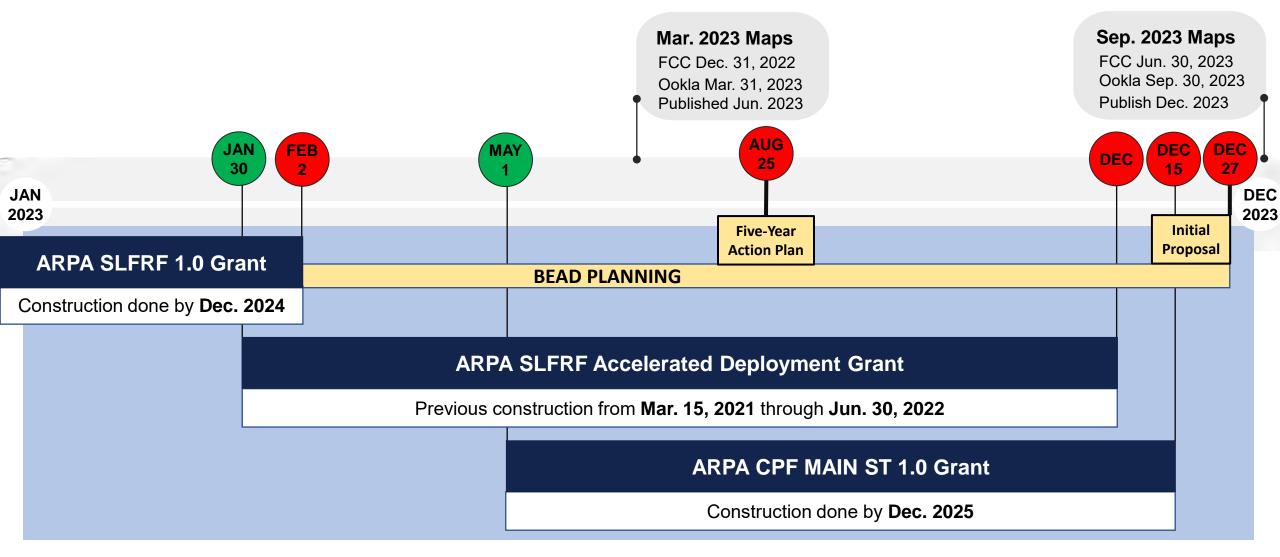
INVESTMENTS	Projected Investment Impact						
managed by:	Population	Public K-12	Res BSL	Qual BSL			
Federal	26,581	3,959	13,448	4,169			
State	85,868	12,003	42,687	5,322			
Private	3,607	470	1,782	107			
Total	116,056	16,432	57,917	9,598			

FUTURE	R	emaini	ng Below 100↓	1bps I	Download / 20	个 Mbp	Upload	
	Population		Public K-12		Res BSL		Qual BSL	
December 31, 2024	278,363	5.4%	14,884		133,631	5.4%	18,887	

Broadband Serviceable Location (BSL)

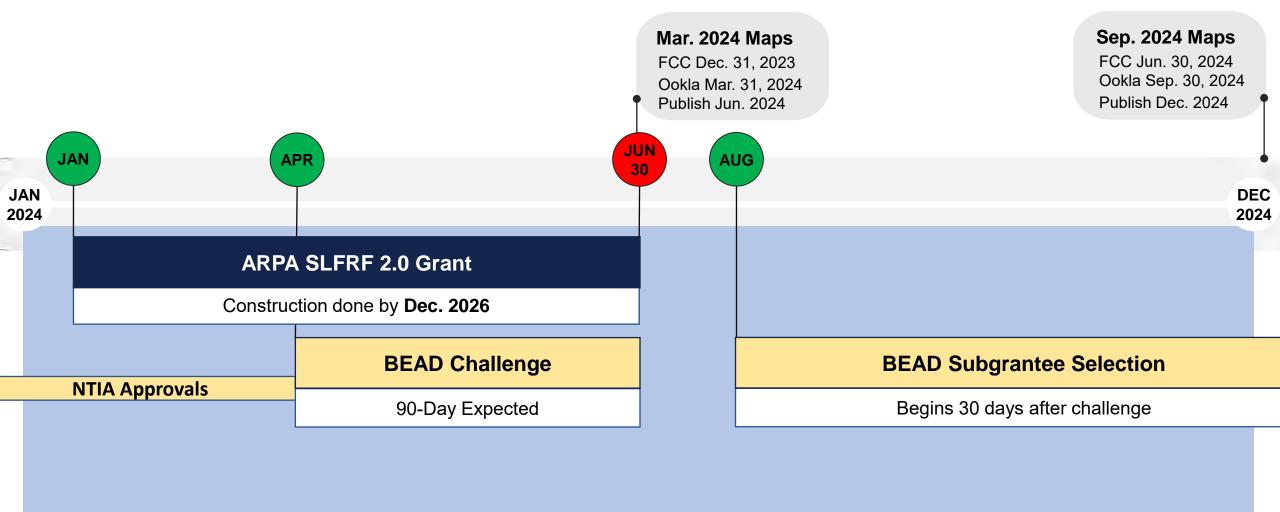


2023 SC BROADBAND GRANT PROGRAMS



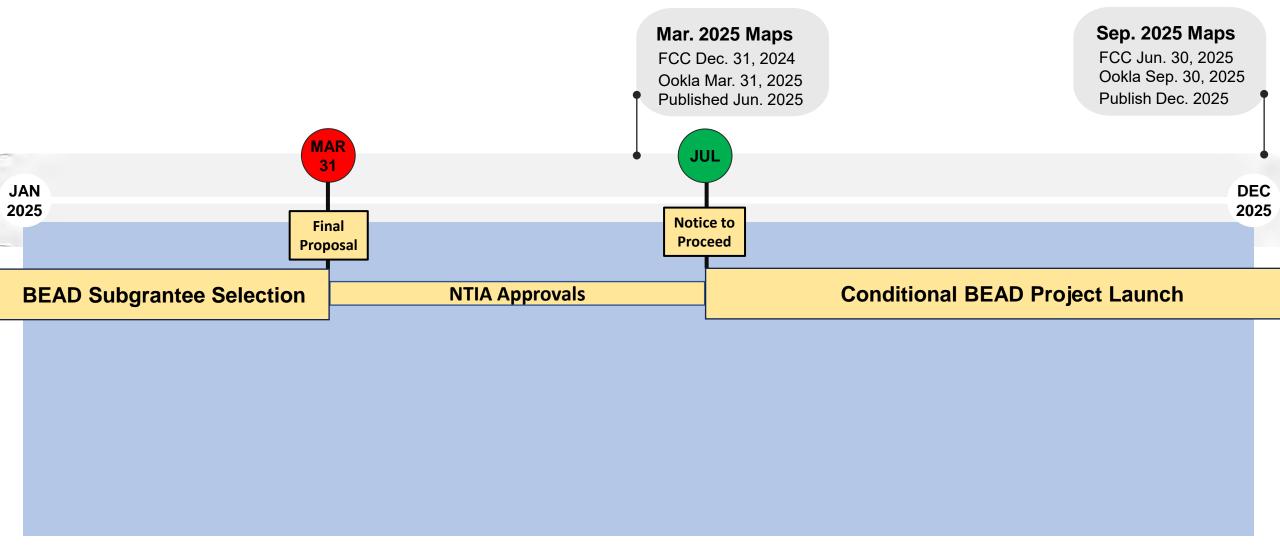
^{*} All dates are subject to change without notice.

2024 SC BROADBAND GRANT PROGRAMS



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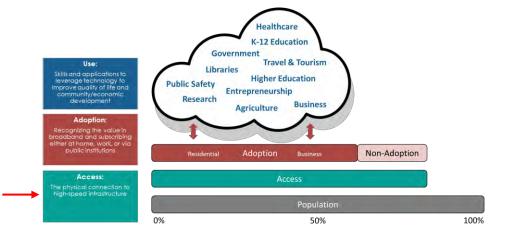
2025 SC BROADBAND GRANT PROGRAMS



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About BEAD

- Infrastructure Investment and Jobs Act (IIJA)
 - Digital Equity (DE) Adoption and Use
 - Broadband Equity Access and Deployment (BEAD)
 - √ \$551.5 million allocation for SC
 - ✓ Broadband Deployment
 - Must provide access to <u>all homes and businesses</u> throughout state (first)
 - Next, must connect Community Anchor Institutions (< 1Gbps symmetric)
 - ✓ Non-Deployment
 - Only occurs after SCBBO confirms enough allocation available to provide access to all homes and businesses throughout state
 - ✓ Initial Proposal
 - Volume 1 BEAD Challenge Process
 - Volume 2 Establishment of BEAD Grant Program



BEAD | Key Themes for Counties

- End of ARPA = Beginning of BEAD
- County ARPA Broadband Projects
 - ✓ Please Coordinate w/SCBBO Right Away
- Countywide Project Areas → Getting Everyone!
- BEAD Challenge Q2-2024
 - **✓** Residents must contact units of local government
 - **✓** Recommend Identifying Single Point of Contact / SCBBO Training in 2024
 - ✓ FCC Fabric is Confidential → Procure CostQuest License (free)
- Community Anchor Institutions
 - ✓ "... facilitates greater use of broadband service by vulnerable populations."
 - **✓** MUST Lack ACCESS to 1 Gbps symmetric
- Local Coordination
 - ✓ Counties should <u>only write 1</u> Letter of Support for BEAD
- Rural Resource Networks
 - ✓ High-Capacity, High-Speed, Low-Latency, Resilient, Al-capable

20 Million + Households enrolled in the ACP

Internet is no longer a luxury, but a necessity for everyone, everywhere. For years, the FCC has worked to close the digital divide by improving infrastructure to get more households online. With the Affordable Connectivity Program (ACP), the FCC is now helping households across the country connect to the internet and save on their monthly bill.

Launched on December 31, 2021 under the 2021 bipartisan Infrastructure Investment and Jobs Act, the ACP is the largest broadband affordability effort in U.S. history. The ACP is an important part of historic federal investment focused on universal broadband access and adoption, providing savings of \$30° per month toward internet service and \$75° a month on qualifying Tribal lands.



The ACP is the country's largest internet affordability program in U.S. history connecting households in rural and urban communities alike. Rural households are enrolling at a higher rate than their urban peers.

- 20 million + total households enrolled nationwide**
- -17 million
 urban households enrolled
- -- 3 million
 rural households enrolled

Outreach and Engagement

Over \$72 million in grants at the state and local level.

- 228 ACP Outreach Grants issued to trusted state, local and Tribal governments and community partners
- · 1,400 + virtual and in-person awareness and enrollment events
- Outreach materials available in 10+ languages
- Nationwide paid media public awareness campaign
- Collaboration with other Federal agencies to promote program enrollment

*Most ACP participants receive the full \$30 discount per month. If a participant's internet bill is less than \$30 per month for less than \$75 per month for eligible households on qualifying Tribal lands they will only receive a discount equal to the amount of their monthly bill and will not receive additional money back.

*As of August 2023.



Consumer Benefits

- 1,700 + participating internet service providers.
- 8 million + devices distributed
- 46%
 of enrolled households use ACP
 for fixed connections in the home

Consumer Support

- Multilingual ACP Support Center
- FCC rules to protect consumers participating in the ACP
- Dedicated FCC process for ACP complaints

Sign up, connect and save at GetInternet.gov.



ACP KEY BENEFITS

\$30* per month toward internet service \$75* per month on qualifying Tribal lands

\$100 towards a new device

Affordable Connectivity Program (ACP)

2023	Households	Participation	Monthly Support
November 27	412,564	47.2%	
September	395,060	45.2%	\$10,487,709
August	379,848	43.4%	\$11,285,505
July	368,300	42.1%	\$10,857,563
June	358,948	41.0%	\$10,905,622
May	346,233	39.6%	\$10,620,714
April	334,908	38.3%	\$10,148,199
March	324,332	37.1%	\$9,893,869
February	316,920	36.2%	\$9,441,147
January	310,430	35.5%	\$9,232,307

ACP through 9/30/23

\$92,873,638

Eligible Households

874,594

Source: https://www.usac.org/about/affordable-connectivity-program/acp-enrollment-and-claims-tracker/





A Sneak Peek

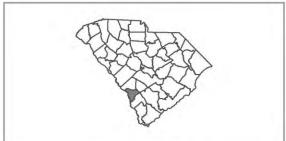
Construction Dashboard

Near Real-Time Broadband Construction Status

South Carolina Office of Regulatory Staff | November 26, 2023

South Carolina

Construction **Dashboard**



H3 Resolutions (square meters / acres)

Res 6 36,129,062 sq. m / **8,928 acres**

Res 7 5,161,293 sq. m / **1,275** acres

Res 8 737,328 sq. m / **182 acres**

Res 9 105,332 sq. m / 26 acres

Managed Investment





County

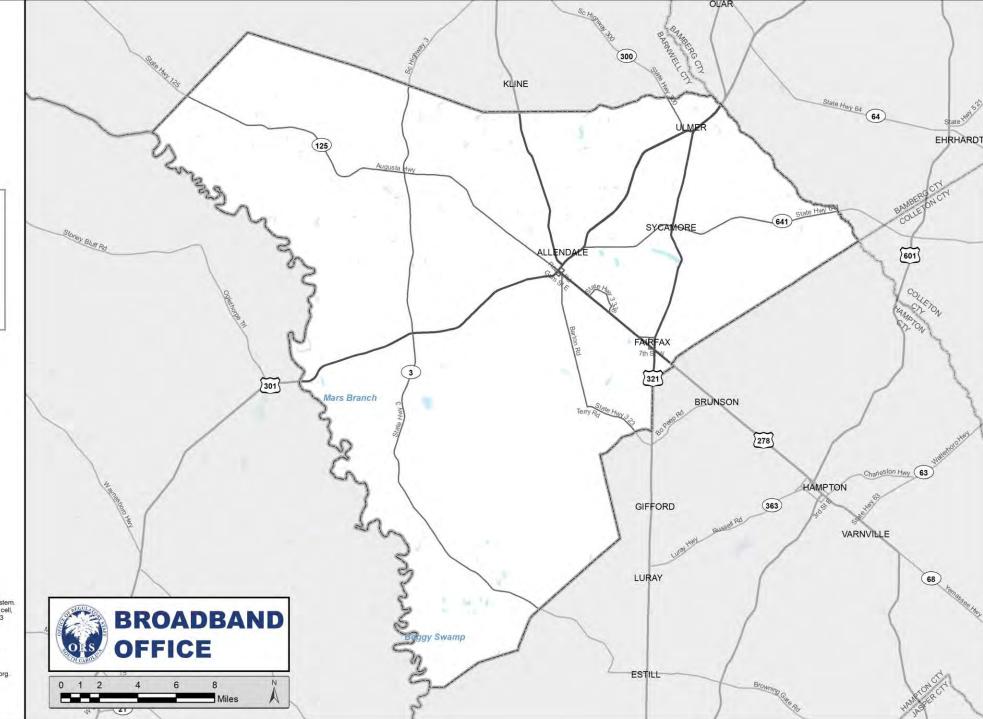
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Data Sources: H3 is a geospatial indexing system that partitions the world into hexagonal cells. H3 is open source under the Apache 2 license. The H3 Core Library implements the H3 grid system. It includes functions for converting from latitude and longitude coordinates to the containing H3 cell, finding the center of H3 cells, finding the boundary geometry of H3 cells, finding neighbors of H3

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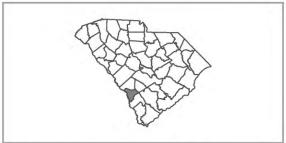


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South Carolina

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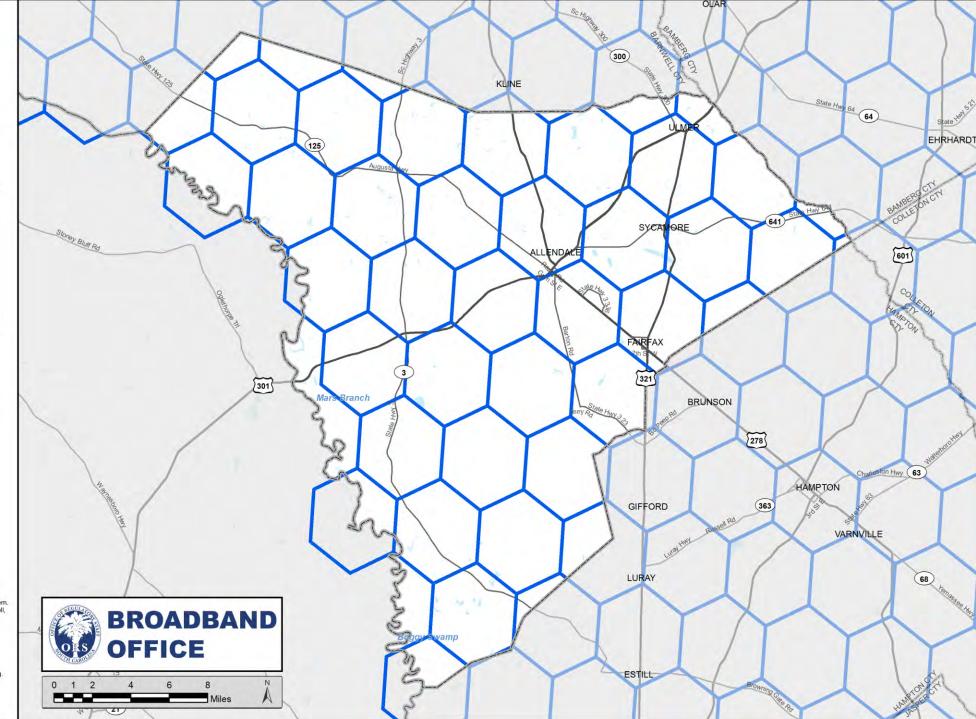
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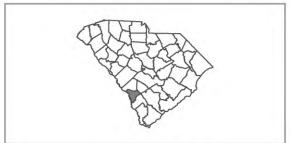


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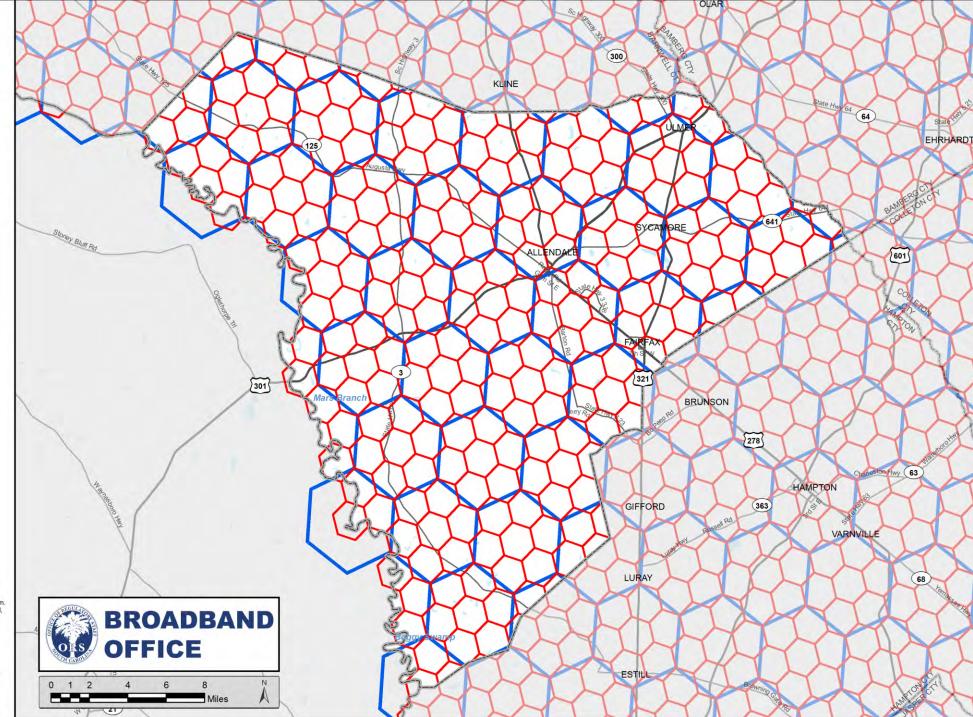


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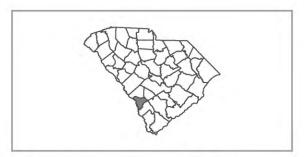


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South Carolina

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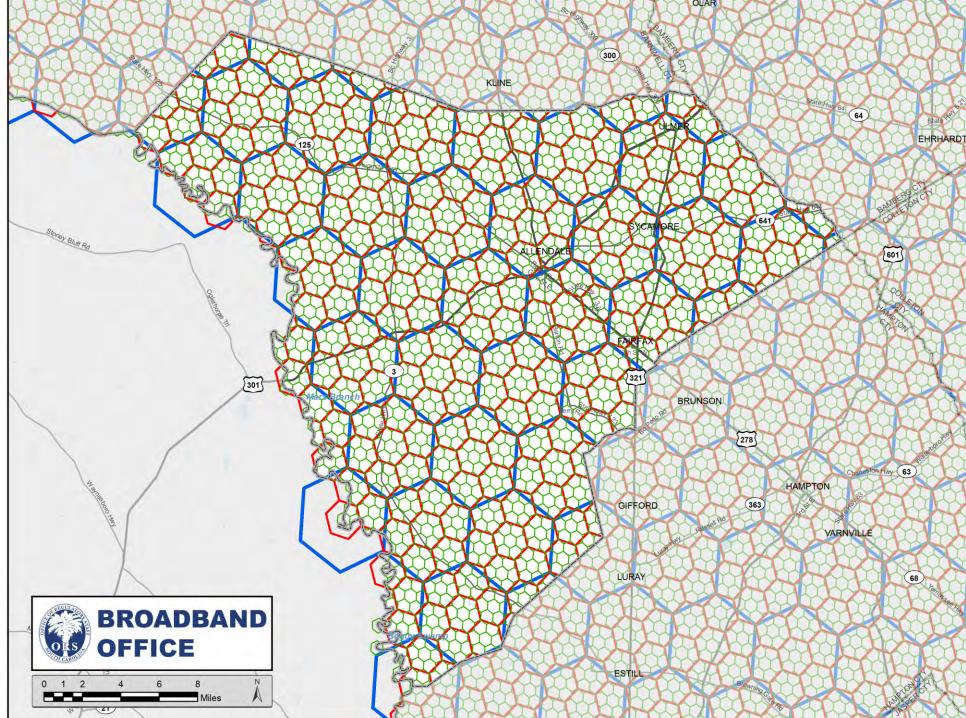


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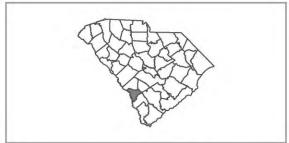


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South Carolina

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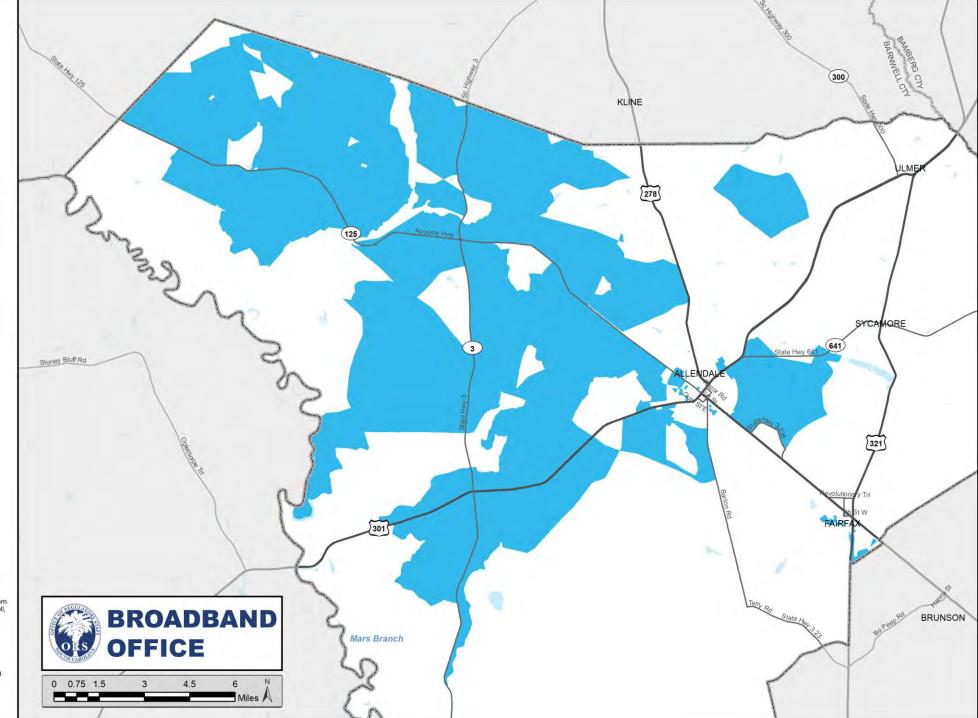
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South Carolina

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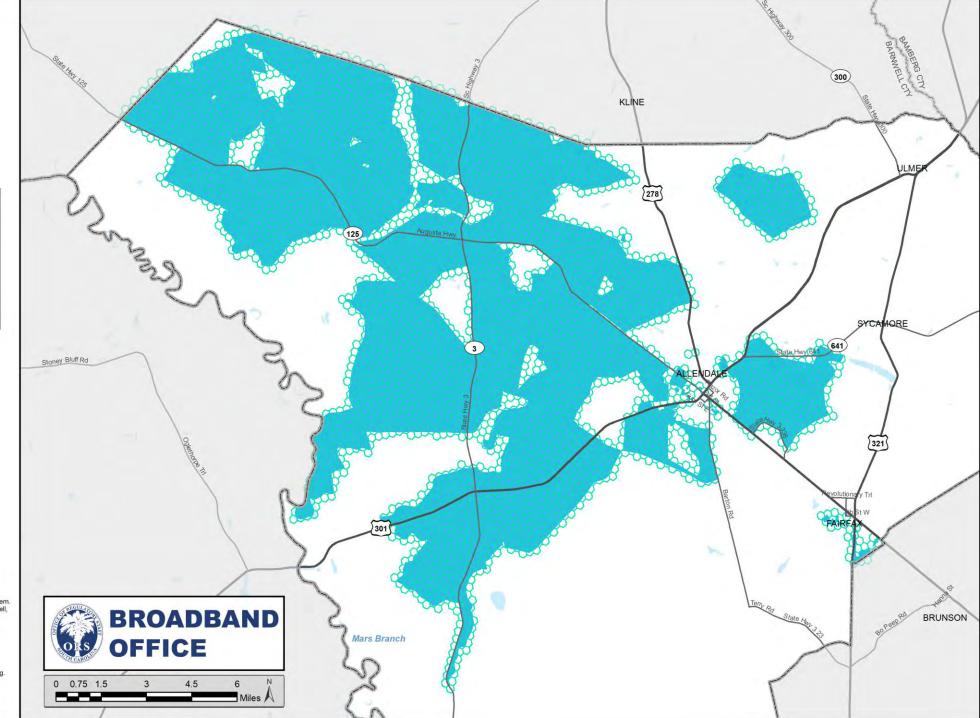
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STEP 1



FILTER / FORMATTING / GEOPROCESSING:

- SCBBO Blacklist Applied
- Download Speed >= 100 Mbps
- Comes from GPS-equipped device
- Location Accuracy < 500m
- Geocoded for H3 Res 6, 7, 8 & 9

STEP 2



CUMULATIVE THROUGH NOV. 26, 2023:

3,794,479 Speedtest Results

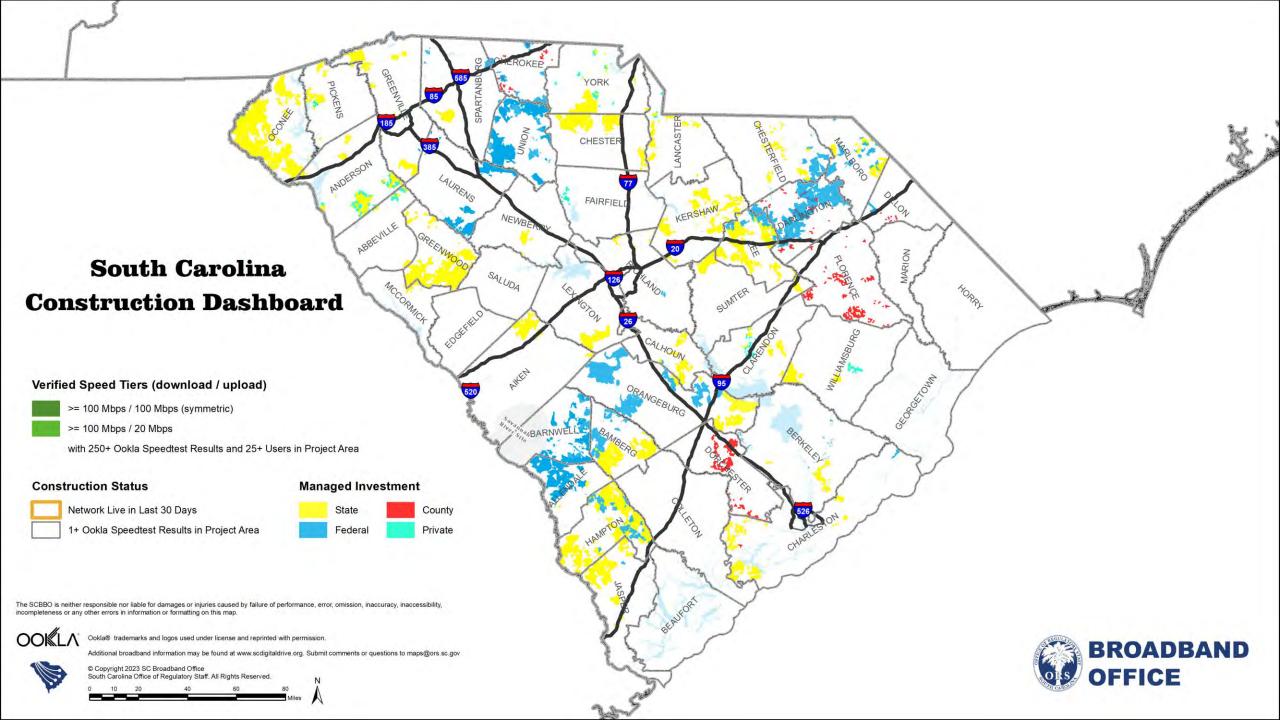
Receive 2-3k new tests daily

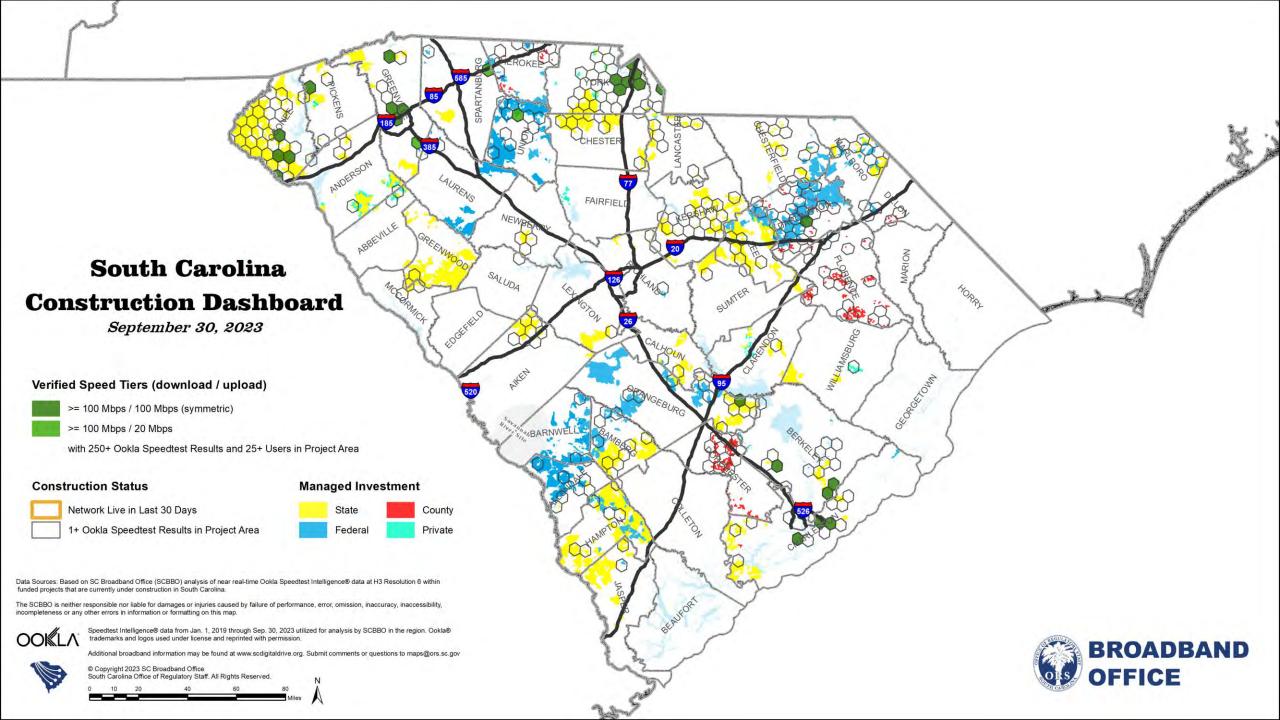
STEP 3

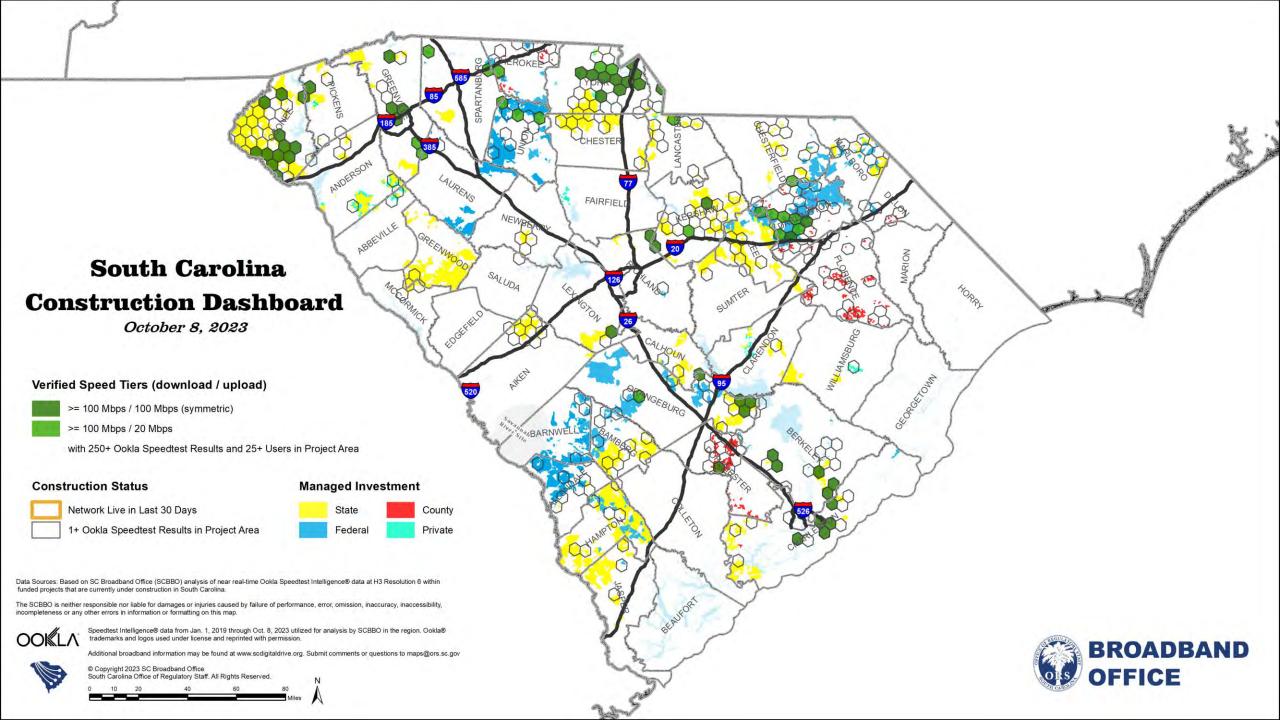


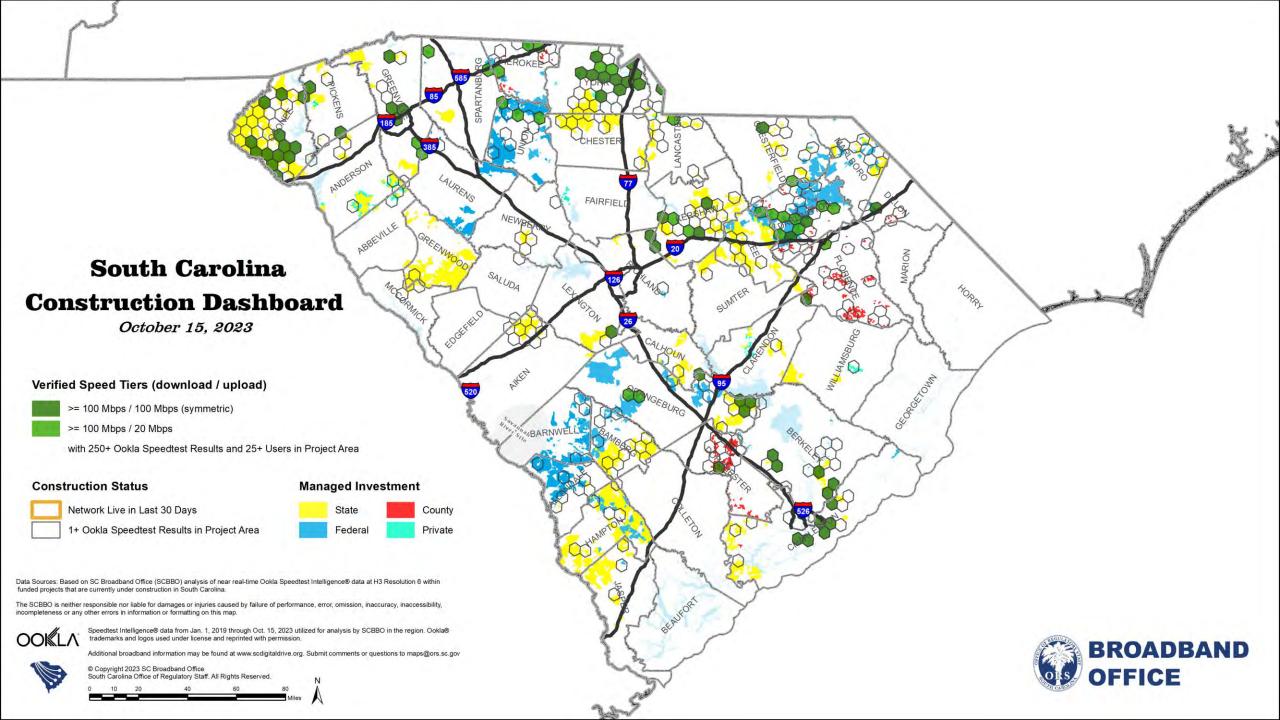


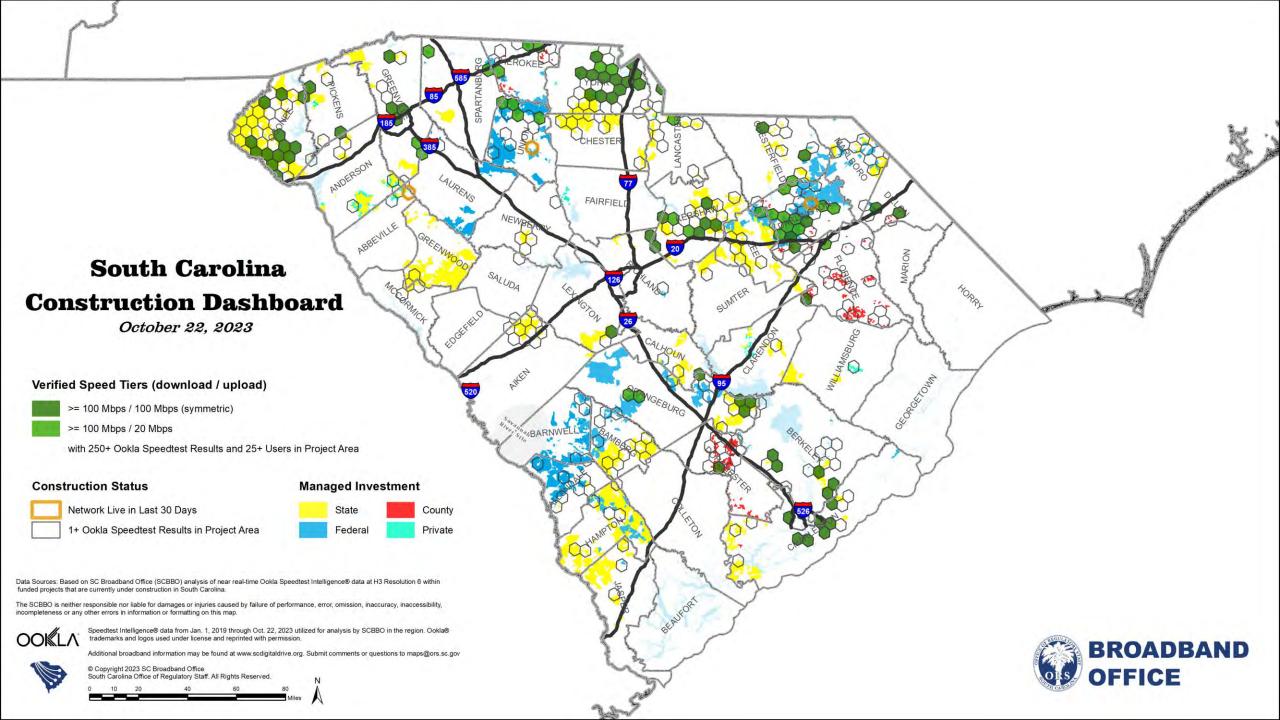


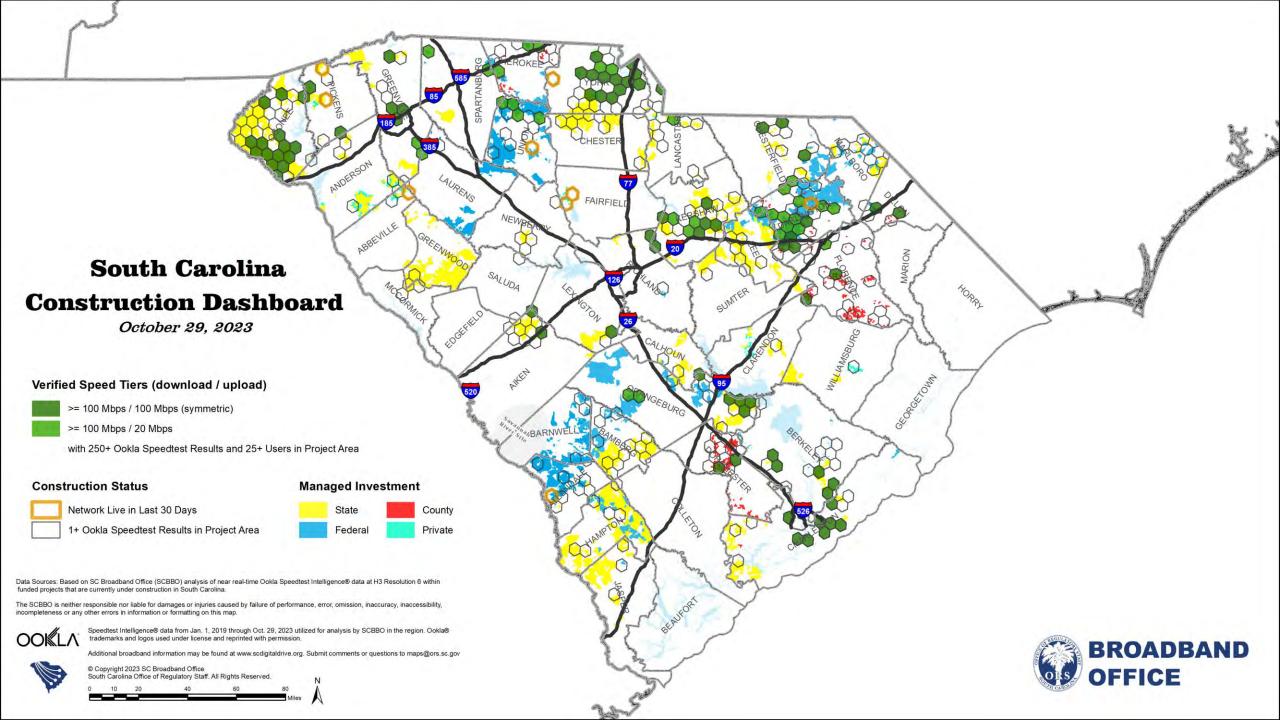


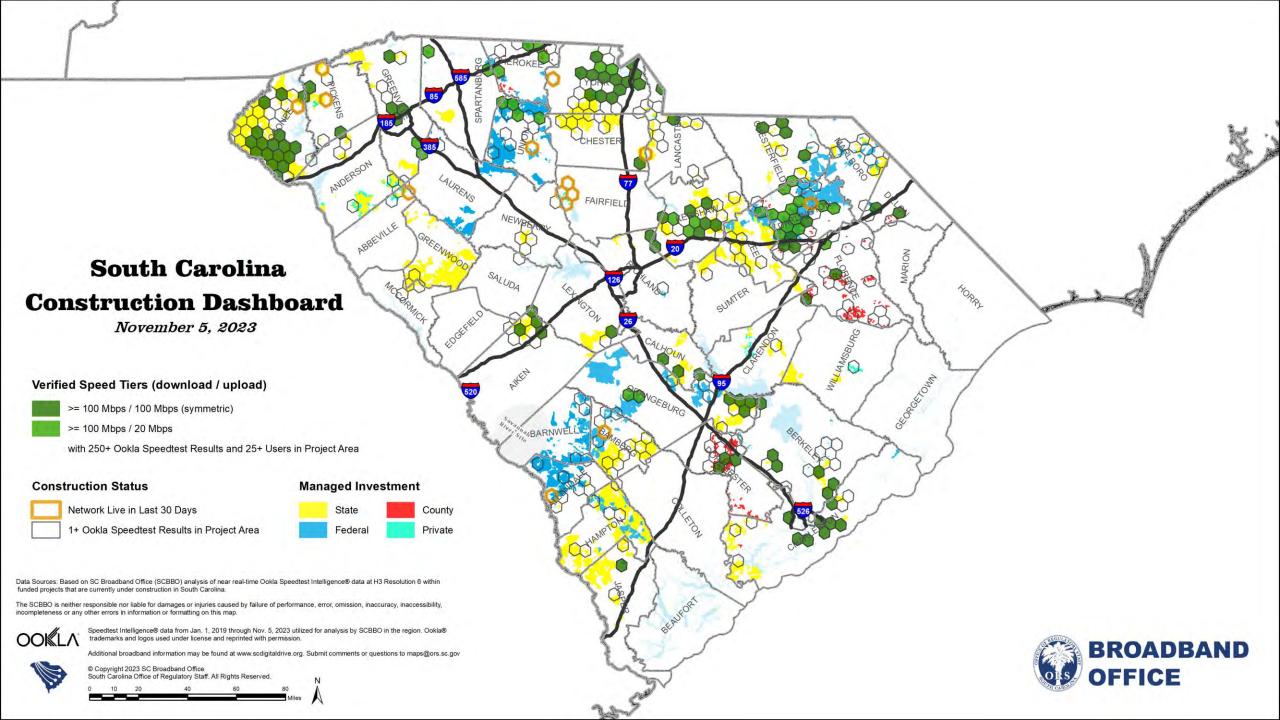


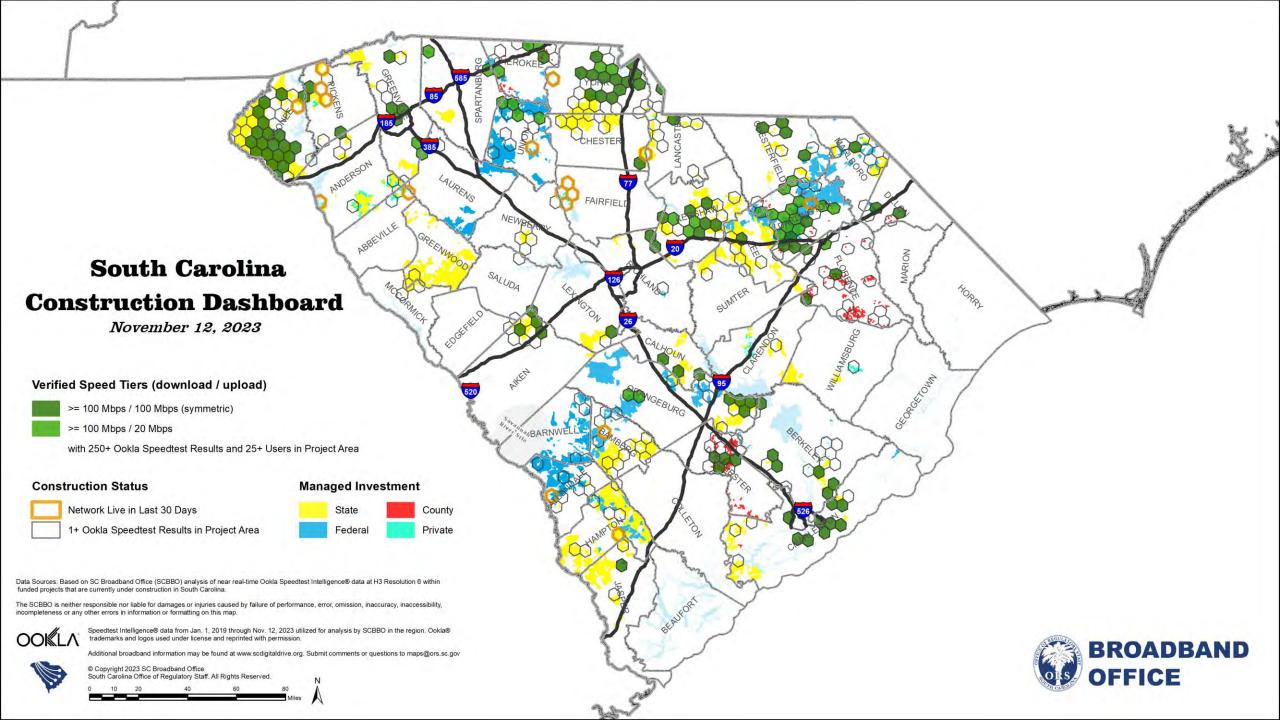


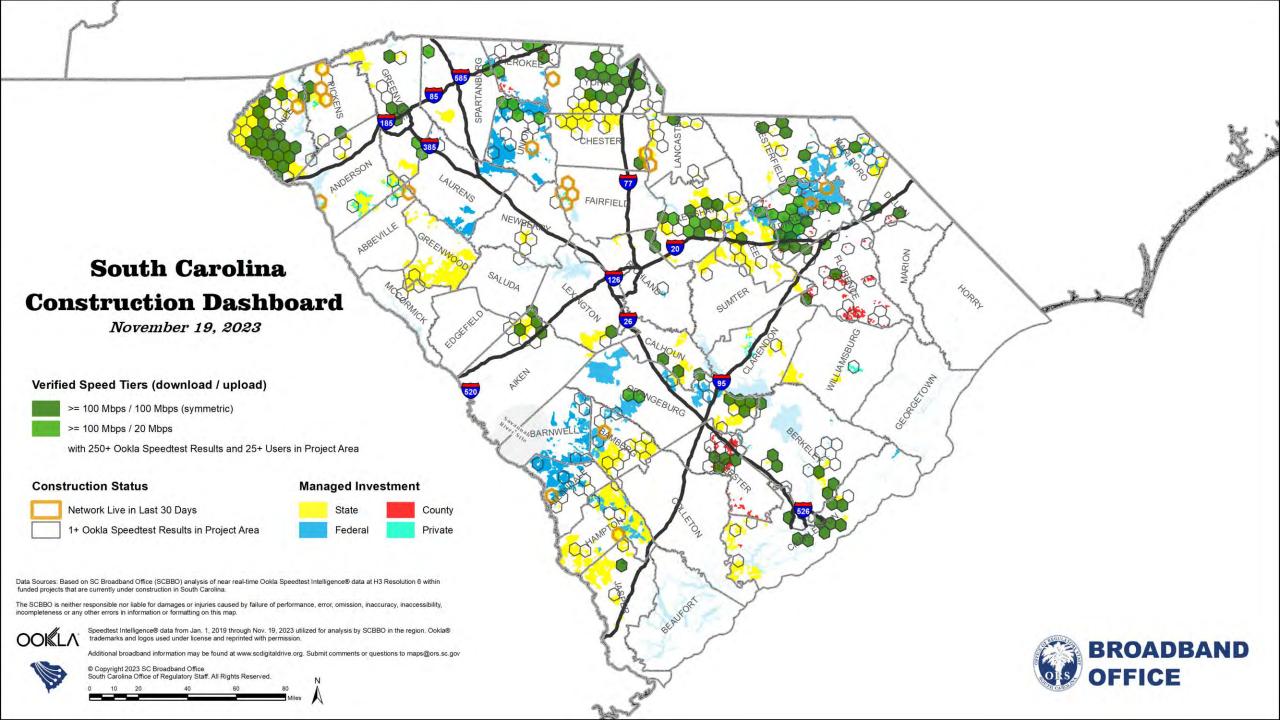


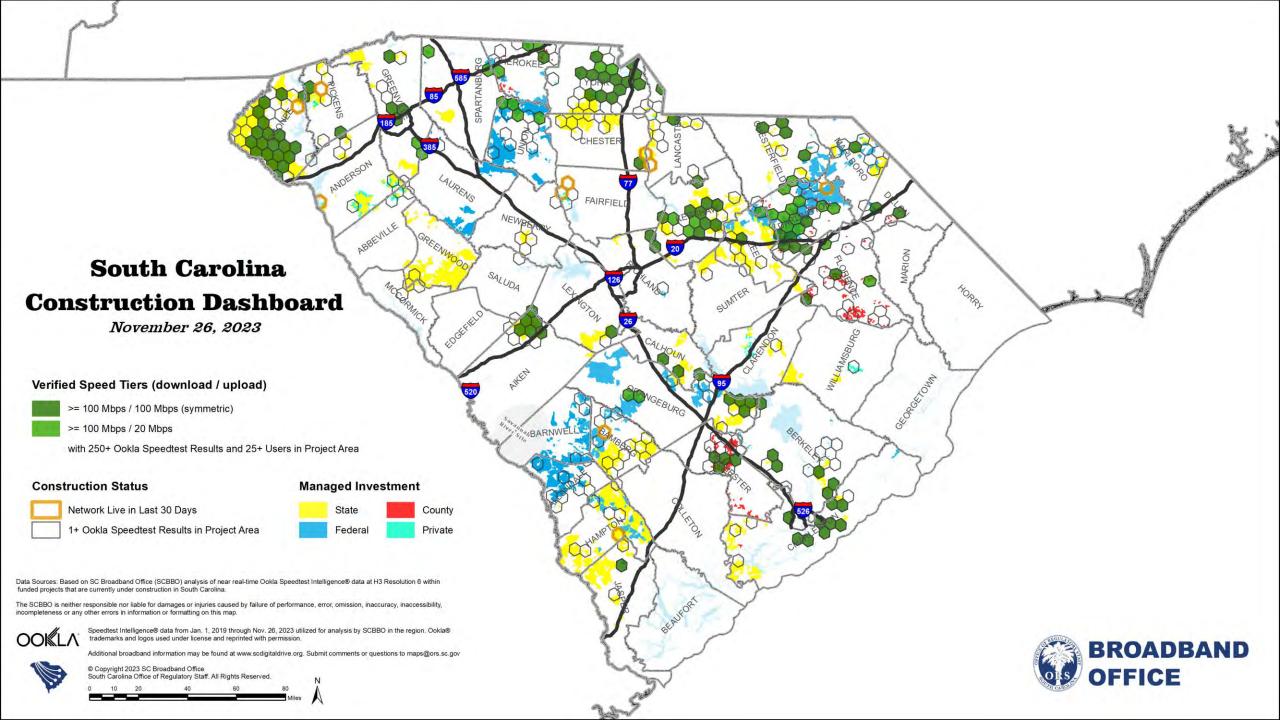












Oconee County

South Carolina

Construction **Dashboard**

September 30, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)

>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment





County

Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 7 within funded projects that are currently under construction

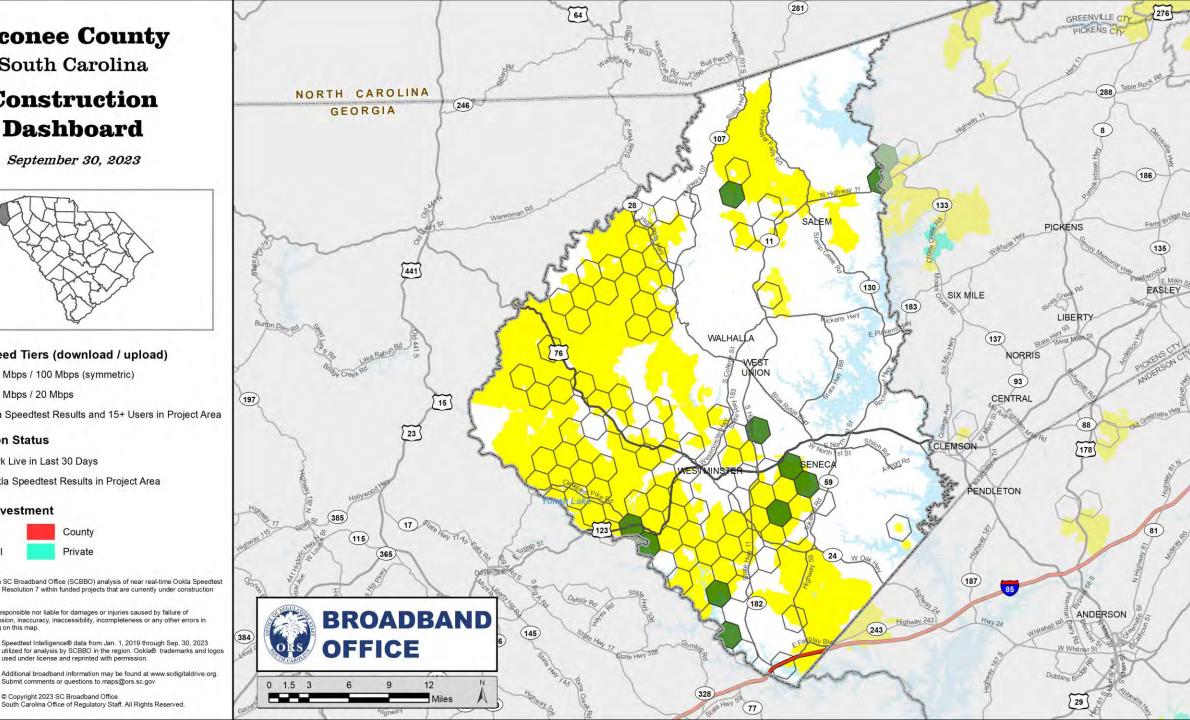
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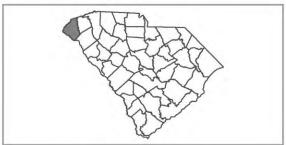
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South Carolina

Construction **Dashboard**

October 8, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)

>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment

County

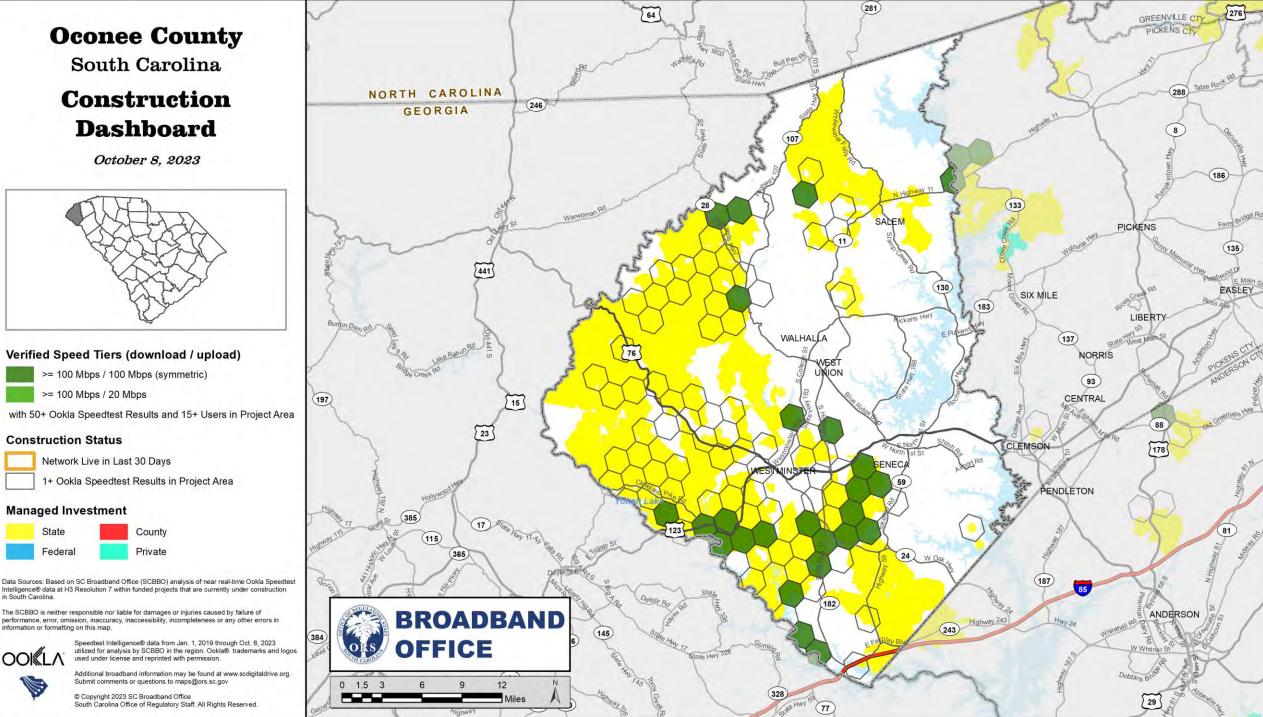
Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest

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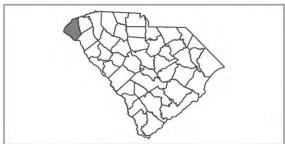
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South Carolina

Construction **Dashboard**

October 15, 2023



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>= 100 Mbps / 20 Mbps

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Construction Status

Network Live in Last 30 Days

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Managed Investment





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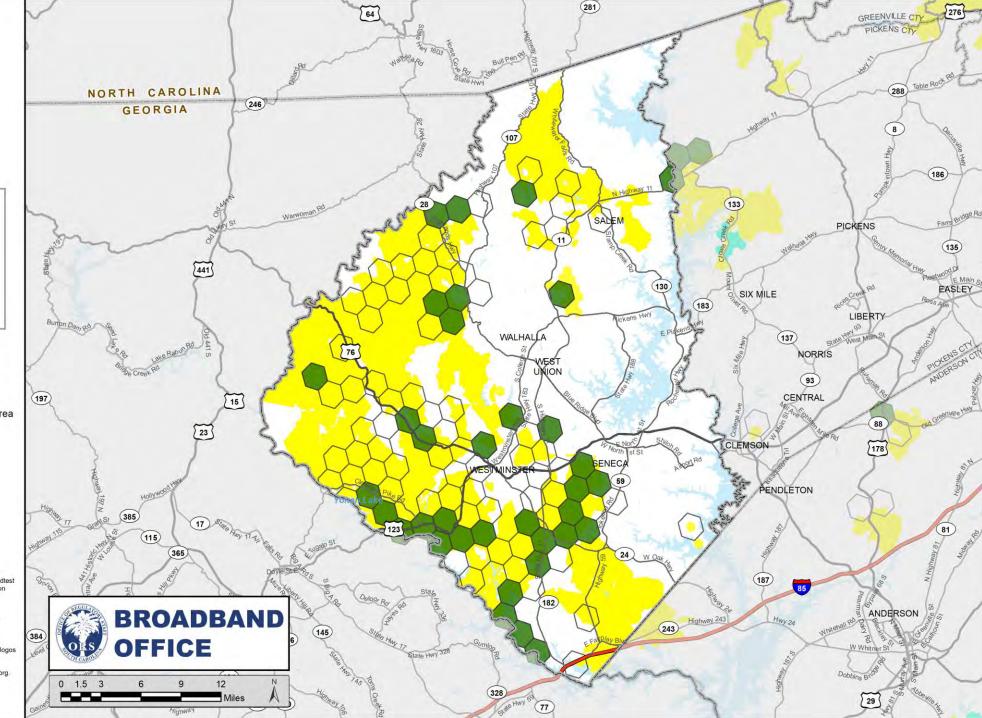
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South Carolina

Construction Dashboard

October 22, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)

>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

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Managed Investment

State County

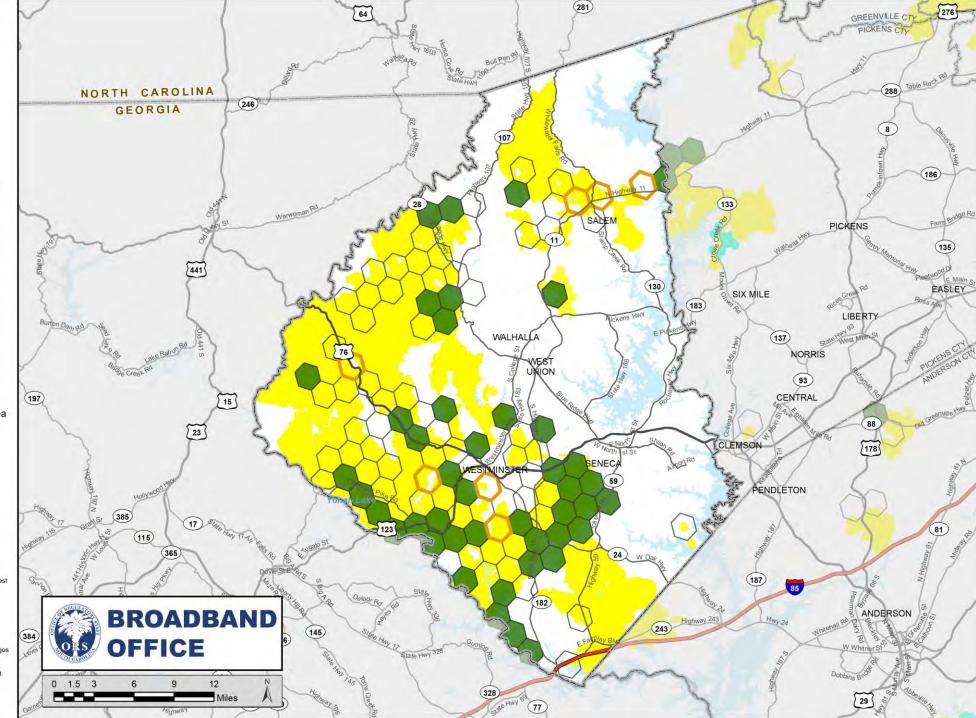
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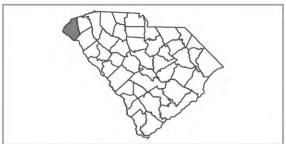
Additional broadband information may be found at www.scdigitaldrive.org. Submit comments or questions to maps@ors.sc.gov



South Carolina

Construction **Dashboard**

October 29, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)

>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment





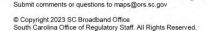
County

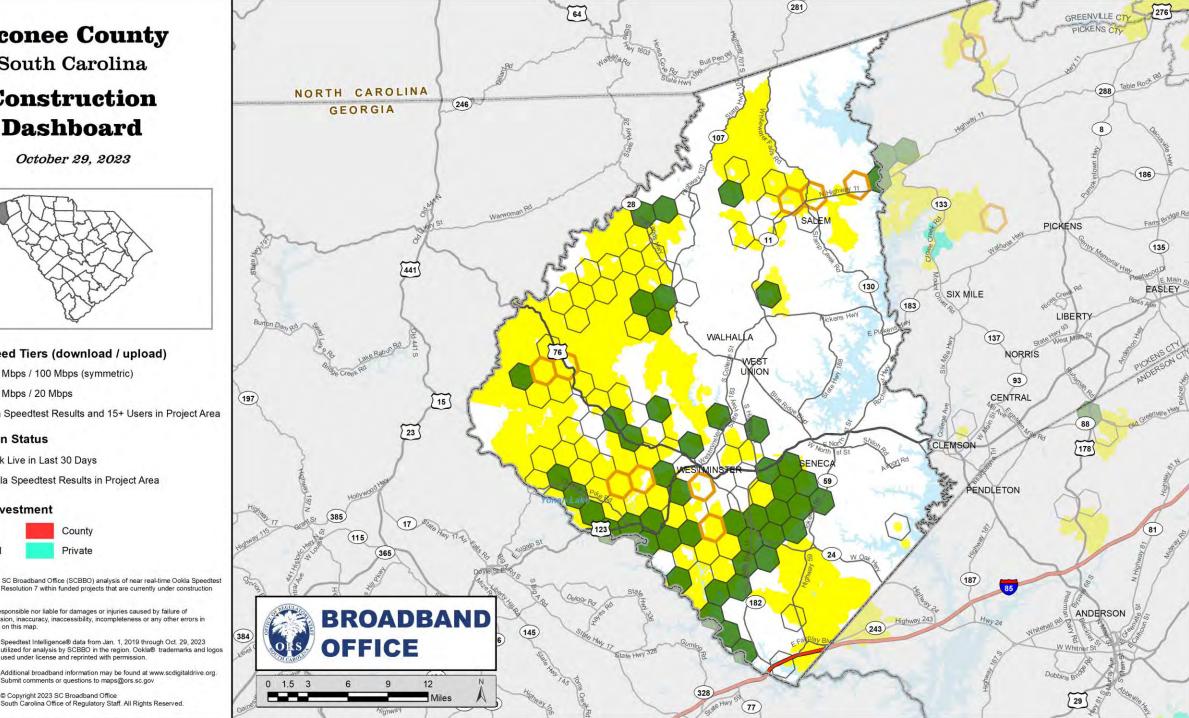
Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 7 within funded projects that are currently under construction

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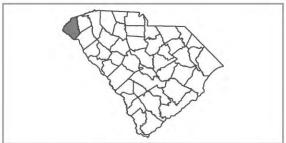




South Carolina

Construction **Dashboard**

November 5, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)

>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment





County

Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 7 within funded projects that are currently under construction

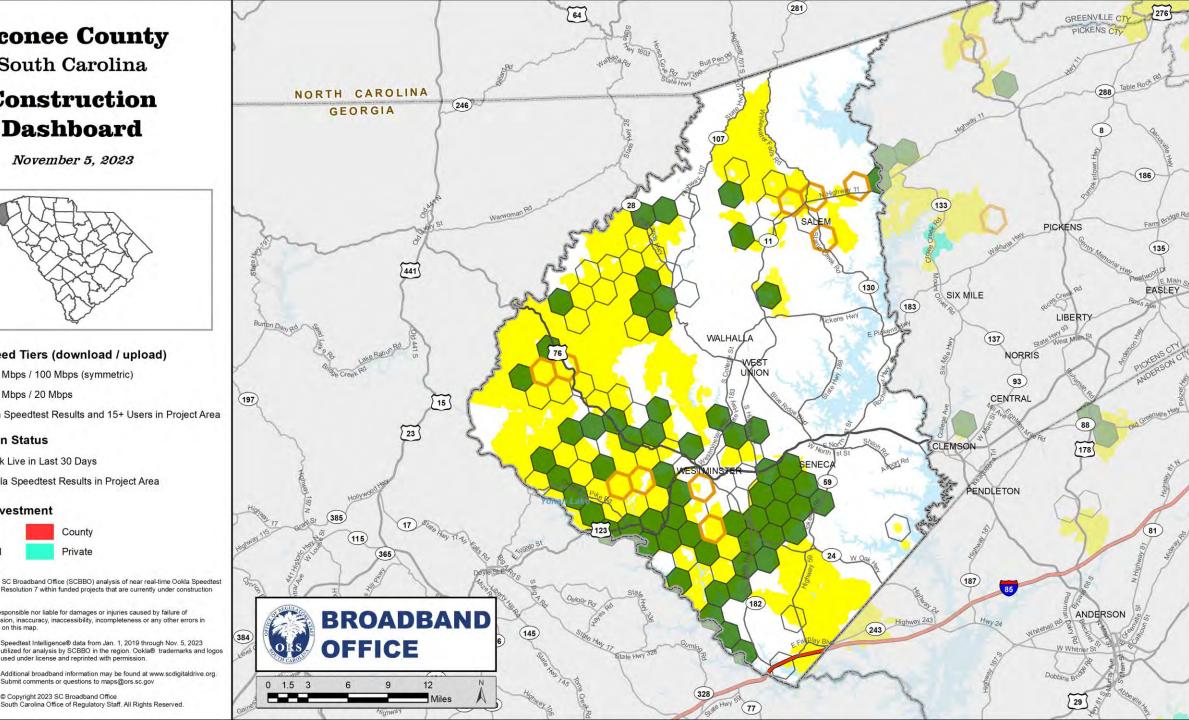
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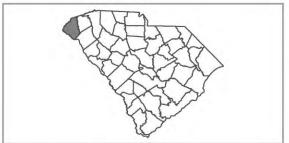
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South Carolina

Construction **Dashboard**

November 12, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)

>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment





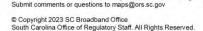
County

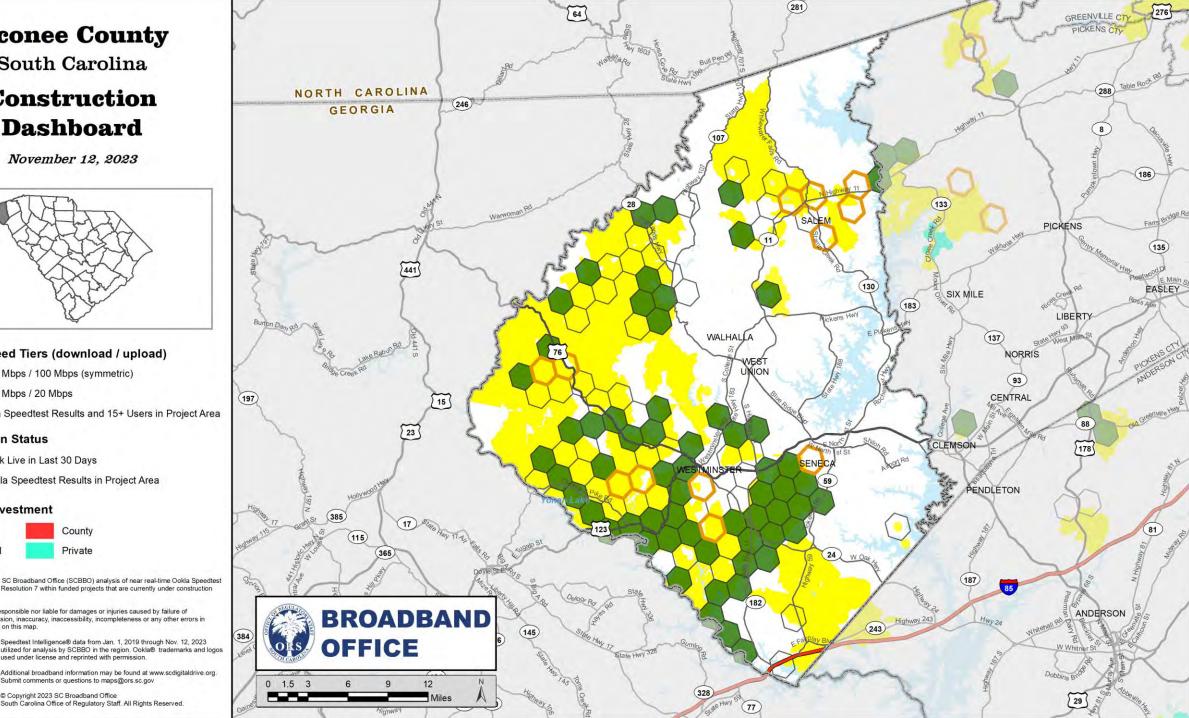
Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 7 within funded projects that are currently under construction

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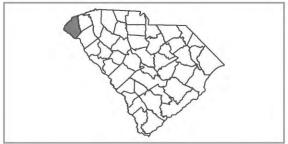




South Carolina

Construction **Dashboard**

November 19, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)

>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment





County

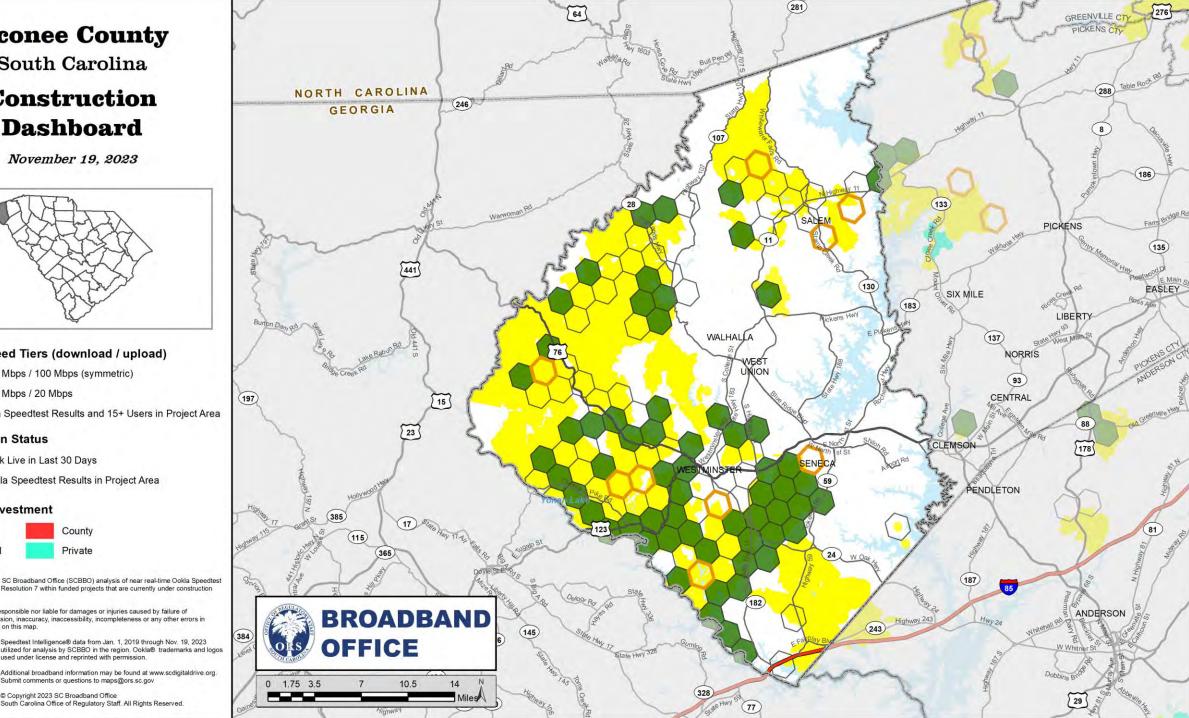
Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 7 within funded projects that are currently under construction

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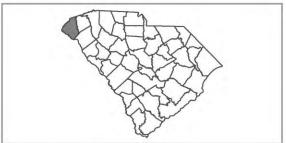
Submit comments or questions to maps@ors.sc.gov



South Carolina

Construction **Dashboard**

November 26, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)



>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment





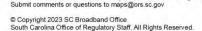
County

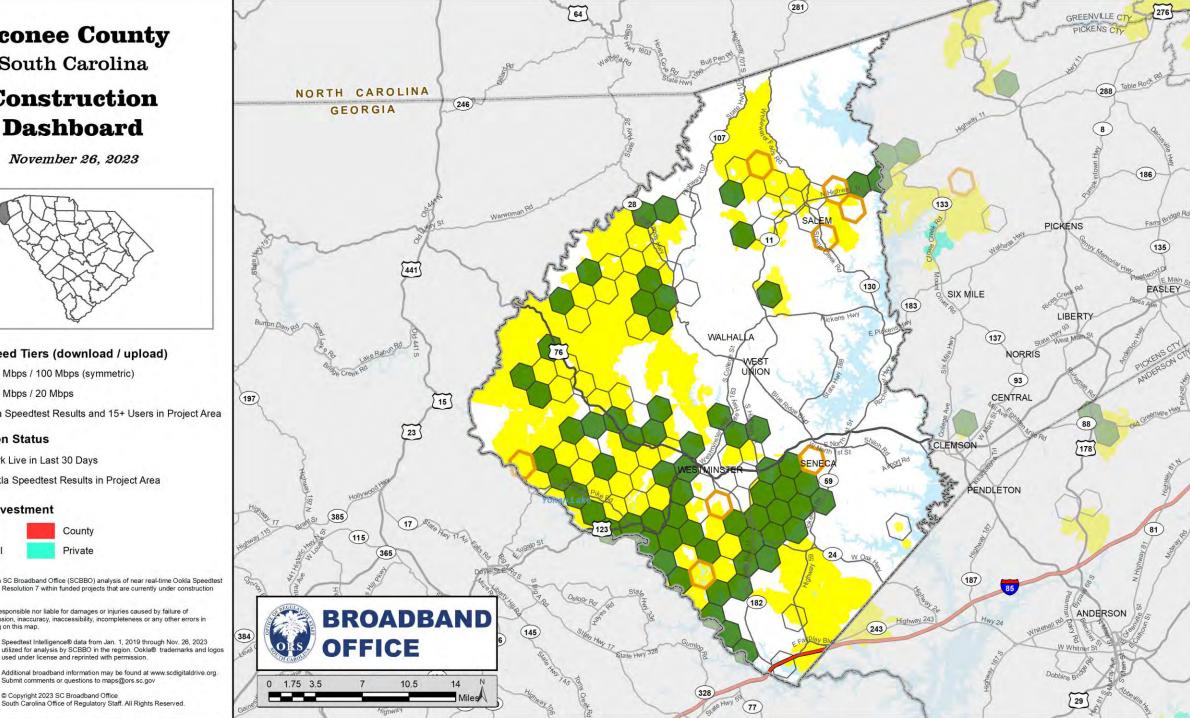
Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 7 within funded projects that are currently under construction

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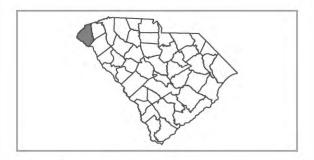




South Carolina

Construction Dashboard

September 30, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)



>= 100 Mbps / 20 Mbps

with 5+ Ookla Speedtest Results and 3+ Users in Project Area

Construction Status



Network Live in Last 30 Days



1+ Ookla Speedtest Results in Project Area

Managed Investment





Federal

County Private

Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 8 within funded projects that are currently under construction

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WCTEL Users: 1 Speedtests: 6

NW Live: 8/20/2023 4:2:57

Max Down: 159.239 Mbps Max Up: 130.742 Mbps Min Latency: 6 ms

WCTEL Users: 11 Speedtests: 32

NW Live: 3/31/2023 16:24:1

Max Down: 922.445 Mbps Max Up: 959.685 Mbps Min Latency: 6 ms

WCTEL Users: 2 Speedtests: 21

NW Live: 4/18/2023 13:36:16

Max Down: 493,075 Mbps Max Up: 490.154 Mbps Min Latency: 5 ms

WCTEL Users: 3 Speedtests: 20

NW Live: 8/19/2023 20:27:55

Max Down: 563.025 Mbps Max Up: 532.54 Mbps Min Latency: 6 ms

WCTEL Users: 4 Speedtests: 38

NW Live: 4/18/2023 17:22:4

Max Down: 665.272 Mbps Max Up: 475.602 Mbps Min Latency: 5 ms

WCTEL Users: 2 Speedtests: 4

NW Live: 11/9/2022 16:56:3

Max Down: 564.53 Mbps Max Up: 461.246 Mbps Min Latency: 6 ms

WCTEL Users: 4 Speedtests: 12

NW Live: 11/11/2022 17:4:45

Max Down: 615.476 Mbps Max Up: 534.084 Mbps Min Latency: 8 ms

WCTEL

SENECA

Users: 14 Speedtests: 46

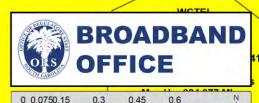
NW Live: 11/16/2022 17:9:40

Max Down: 744.255 Mbps Max Up: 729.937 Mbps Min Latency: 6 ms

WCTEL Users: 9 Speedtests: 21

NW Live: 11/15/2022 17:22:42

Max Down: 541.776 Mbps Max Up: 383.307 Mbps Min Latency: 6 ms



Speedtests: 14 NW Live: 9/6/2023 14:15:57

WCTEL

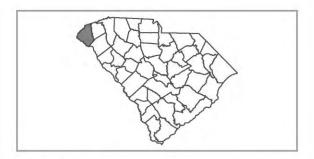
Users: 4

Max Down: 761.95 Mbps Max Up: 707.255 Mbps Min Latency: 6 ms

South Carolina

Construction Dashboard

October 31, 2023



Verified Speed Tiers (download / upload)

>

>= 100 Mbps / 100 Mbps (symmetric)



>= 100 Mbps / 20 Mbps

with 5+ Ookla Speedtest Results and 3+ Users in Project Area

Construction Status



Network Live in Last 30 Days



Managed Investment



State



County

Federal Private

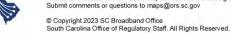
Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 8 within funded projects that are currently under construction in South Carolina.

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WCTEL Users: 2 Speedtests: 7

NW Live: 8/20/2023 4:2:57

Max Down: 251.546 Mbps Max Up: 389.988 Mbps Min Latency: 6 ms WCTEL Users: 1 Speedtests: 1

NW Live: 10/6/2023 14:53:32

Max Down: 459.502 Mbps Max Up: 457.338 Mbps Min Latency: 8 ms WCTEL Users: 12 Speedtests: 38

NW Live: 3/31/2023 16:24:1

Max Down: 922.445 Mbps Max Up: 959.685 Mbps Min Latency: 6 ms

WCTEL Users: 3 Speedtests: 28

NW Live: 10/6/2023 0:22:8

Max Down: 659.353 Mbps Max Up: 623.293 Mbps Min Latency: 5 ms WCTEL Users: 2 Speedtests: 21

NW Live: 4/18/2023 13:36:16

Max Down: 493.075 Mbps Max Up: 490.154 Mbps Min Latency: 5 ms

WCTEL Users: 3 Speedtests: 21

NW Live: 8/19/2023 20:27:55

Max Down: 563.025 Mbps Max Up: 532.54 Mbps Min Latency: 6 ms WCTEL Users: 4 Speedtests: 40

NW Live: 4/18/2023 17:22:4

Max Down: 665.272 Mbps Max Up: 475.602 Mbps Min Latency: 5 ms WCTEL Users: 4

NW Live: 11/11/2022 17:4:45

Max Down: 615.476 Mbps Max Up: 534.084 Mbps Min Latency: 8 ms

Users: 4 Speedtests: 12

WCTEL

Users: 2

Speedtests: 4

NW Live: 11/9/2022 16:56:3

Max Down: 564.53 Mbps Max Up: 461.246 Mbps Min Latency: 6 ms

Speedtests: 48

NW Live: 11/16/2022 17:9:40

WCTEL

Users: 15

SENECA

Max Down: 744.255 Mbps Max Up: 729.937 Mbps Min Latency: 6 ms

WCTEL Users: 1 Speedtests: 1

NW Live: 10/3/2023 18:2:13

Max Down: 329.474 Mbps Max Up: 329.992 Mbps Min Latency: 6 ms WCTEL Users: 1 Speedtests: 3

NW Live: 10/9/2023 21:52:38

Max Down: 362.141 Mbps Max Up: 230.421 Mbps Min Latency: 7 ms WCTEL Users: 10 Speedtests: 23

NW Live: 11/15/2022 17:22:42

Max Down: 541.776 Mbps Max Up: 383.307 Mbps Min Latency: 6 ms



Speedtests: 20 NW Live: 9/6/2023 14:15:57

WCTEL

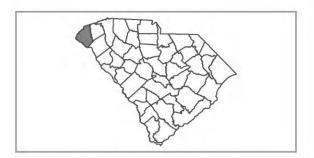
Users: 4

Max Down: 761.95 Mbps Max Up: 707.255 Mbps Min Latency: 6 ms

South Carolina

Construction **Dashboard**

November 12, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)



>= 100 Mbps / 20 Mbps

with 5+ Ookla Speedtest Results and 3+ Users in Project Area

Construction Status



Network Live in Last 30 Days



1+ Ookla Speedtest Results in Project Area

Managed Investment



State



County

Federal

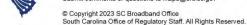
Private

Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 8 within funded projects that are currently under construction

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WCTEL Users: 2 Speedtests: 7

NW Live: 8/20/2023 4:2:57

Max Down: 251.546 Mbps Max Up: 389.988 Mbps Min Latency: 6 ms

WCTEL Users: 1 Speedtests: 1

NW Live: 10/6/2023 14:53:32

Max Down: 459,502 Mbps Max Up: 457.338 Mbps Min Latency: 8 ms

WCTEL

Users: 3 Speedtests: 32

NW Live: 10/6/2023 0:22:8

Max Down: 659.353 Mbps

Max Up: 623.293 Mbps

Min Latency: 5 ms

WCTEL Users: 13 Speedtests: 40

NW Live: 3/31/2023 16:24:1

Max Down: 922.445 Mbps Max Up: 959.685 Mbps Min Latency: 6 ms

WCTEL Users: 1 Speedtests: 2

NW Live: 11/9/2023 21:28:6

Max Down: 153,502 Mbps Max Up: 129.128 Mbps Min Latency: 6 ms

WCTEL Users: 2

> Speedtests: 4 NW Live: 11/9/2022 16:56:3

Max Down: 564.53 Mbps Max Up: 461.246 Mbps Min Latency: 6 ms

WCTEL Users: 3 Speedtests: 22

NW Live: 8/19/2023 20:27:55

Max Down: 563.025 Mbps Max Up: 532.54 Mbps Min Latency: 6 ms

WCTEL Users: 4 Speedtests: 40

NW Live: 4/18/2023 17:22:4

Max Down: 665.272 Mbps Max Up: 475.602 Mbps Min Latency: 5 ms

Users: 4

WCTEL Speedtests: 12

NW Live: 11/11/2022 17:4:45

Max Down: 615.476 Mbps Max Up: 534.084 Mbps Min Latency: 8 ms

WCTEL Users: 15 Speedtests: 49

SENECA

NW Live: 11/16/2022 17:9:40

Max Down: 744,255 Mbps Max Up: 729.937 Mbps Min Latency: 6 ms

WCTEL Users: 2 Speedtests: 2

WCTEL

Users: 2 Speedtests: 21

NW Live: 4/18/2023 13:36:16

Max Down: 493,075 Mbps

Max Up: 490.154 Mbps Min Latency: 5 ms

NW Live: 10/3/2023 18:2:13

Max Down: 329,474 Mbps Max Up: 329.992 Mbps Min Latency: 6 ms

WCTEL Users: 1 Speedtests: 3

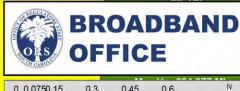
NW Live: 10/9/2023 21:52:38

Max Down: 362,141 Mbps Max Up: 230.421 Mbps Min Latency: 7 ms

WCTEL Users: 11 Speedtests: 24

NW Live: 11/15/2022 17:22:42

Max Down: 541.776 Mbps Max Up: 383.307 Mbps Min Latency: 6 ms



Speedtests: 21 NW Live: 9/6/2023 14:15:57

WCTEL

Users: 5

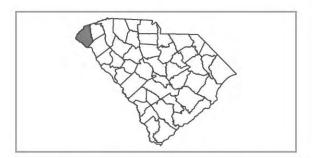
Max Down: 761.95 Mbps Max Up: 707.255 Mbps Min Latency: 6 ms

BROADBAND 0 0.0750.15

South Carolina

Construction Dashboard

November 26, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)



>= 100 Mbps / 20 Mbps

with 5+ Ookla Speedtest Results and 3+ Users in Project Area

Construction Status



Network Live in Last 30 Days



1+ Ookla Speedtest Results in Project Area

Managed Investment



State



County

Federal

Private

Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 8 within funded projects that are currently under construction

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WCTEL Users: 2 Speedtests: 7

NW Live: 8/20/2023 4:2:57

Max Down: 251.546 Mbps Max Up: 389.988 Mbps Min Latency: 6 ms

WCTEL

Users: 5 Speedtests: 35

NW Live: 10/6/2023 0:22:8

Max Down: 723,729 Mbps

Max Up: 665.099 Mbps

Min Latency: 5 ms

WCTEL Users: 1 Speedtests: 1

NW Live: 10/6/2023 14:53:32

Max Down: 459,502 Mbps Max Up: 457.338 Mbps Min Latency: 8 ms

WCTEL Users: 13 Speedtests: 41

NW Live: 3/31/2023 16:24:1

Max Down: 922.445 Mbps Max Up: 959.685 Mbps Min Latency: 6 ms

WCTEL Users: 1 Speedtests: 2

NW Live: 11/9/2023 21:28:6

Max Down: 153,502 Mbps Max Up: 129.128 Mbps Min Latency: 6 ms

WCTEL Users: 3 Speedtests: 22

NW Live: 4/18/2023 13:36:16

Max Down: 493,075 Mbps Max Up: 490.154 Mbps Min Latency: 5 ms

WCTEL Users: 2 Speedtests: 4

NW Live: 11/9/2022 16:56:3

Max Down: 564.53 Mbps Max Up: 461.246 Mbps Min Latency: 6 ms

WCTEL Users: 3 Speedtests: 23

NW Live: 8/19/2023 20:27:55

Max Down: 563.025 Mbps Max Up: 532.54 Mbps Min Latency: 6 ms

WCTEL Users: 4 Speedtests: 40

NW Live: 4/18/2023 17:22:4

Max Down: 665.272 Mbps Max Up: 475.602 Mbps Min Latency: 5 ms

WCTEL Users: 5

Max Up: 534.084 Mbps

Speedtests: 13

NW Live: 11/11/2022 17:4:45

Max Down: 615.476 Mbps Min Latency: 7 ms

Users: 16 Speedtests: 51

SENECA

NW Live: 11/16/2022 17:9:40

WCTEL

Max Down: 744,255 Mbps Max Up: 729.937 Mbps Min Latency: 6 ms

WCTEL Users: 2 Speedtests: 2

NW Live: 10/3/2023 18:2:13

Max Down: 329,474 Mbps Max Up: 329.992 Mbps Min Latency: 6 ms

WCTEL Users: 1 Speedtests: 3

NW Live: 10/9/2023 21:52:38

Max Down: 362,141 Mbps Max Up: 230.421 Mbps Min Latency: 7 ms

WCTEL Users: 11 Speedtests: 24

NW Live: 11/15/2022 17:22:42

Max Down: 541.776 Mbps Max Up: 383.307 Mbps Min Latency: 6 ms



NW Live: 9/6/2023 14:15:57

WCTEL

Users: 5

Speedtests: 21

Max Down: 761.95 Mbps Max Up: 707.255 Mbps Min Latency: 6 ms

0 0.0750.15



Thank you!

Jim Stritzinger Director, SC Broadband Office jstritzinger@ors.sc.gov

Office: (803) 737-0825

Mobile: (803) 606-6398

