



January 31, 2017

MUSC's Vision: *Leading Health Innovation for the Lives We Touch*



MUSC Overview

“Leading Health Innovation for the Lives We Touch”

MUSC Is South Carolina’s Leading Academic Medical Center

- 1. Patient Care:** US News ranked MUSC #1 hospital in SC; statewide tertiary care; over 1 million patient visits/year.
- 2. Education:** Graduate and professional programs in every dimension of health care (3,000 students).
- 3. Research:** Leads the state in biomedical research funding with more than \$259 million in extramural grant funding.



MUSC Impact



MUSC's Impact:

- One of the largest employers in South Carolina with over 13,000 employees
- Annual \$3.8 billion economic impact in the Charleston Metro Area



Statewide Health Innovation (\$7.5 million new recurring funds)

- Mental and behavioral health (including opioid epidemic education and outreach)
- Children's health
- Cancer
- Chronic disease

Note: All of the above would focus on rural health care and partnerships with hospitals, clinics, and other universities.



New Recurring Appropriations Request FY2017-18

Request	Decision Package	Description	Amount
Statewide Health Innovation	#11411	New recurring state funds requested to innovate ways to deliver new methods, products, technologies, and medications. Innovations will focus on the state's areas of need in rural, mental, and children's health, as well as cancer, thereby delivering the most meaningful impact to some of the most vulnerable populations.	\$7,500,000



THANK YOU!

Groundbreaking at MUSC Shawn Jenkins Children's Hospital & Pearl Tourville Women's Pavilion



Update on Telehealth Investment

South Carolina Telehealth Alliance

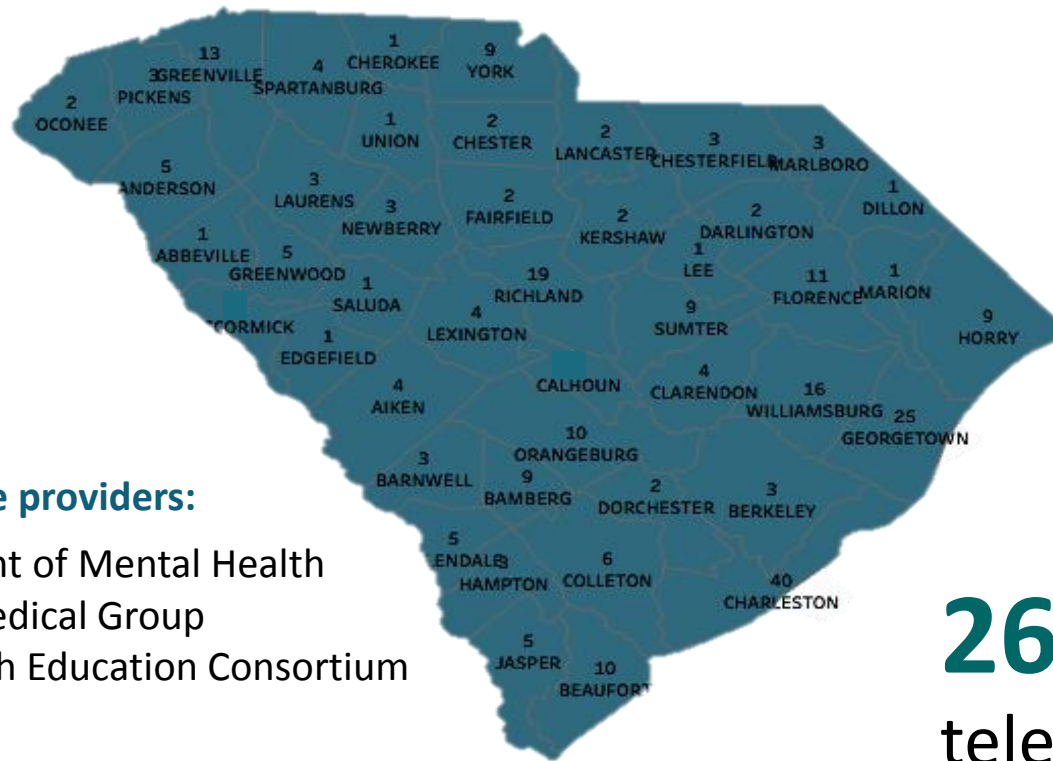


Statewide Collaboration

- Creation of **Telehealth Awareness Week**
 - Governor's proclamation
 - March 21, 2017 press conference at the State House
- 2017 SC Telehealth Alliance strategic plan was recently completed and submitted to DHHS
- All SCTA Advisory Council institutions are contracted to receive telehealth funding



Statewide Collaboration



SC Telehealth Alliance service providers:

- South Carolina Department of Mental Health
- Palmetto Health – USC Medical Group
- South Carolina Area Health Education Consortium
- MUSC Health
- Greenville Health System
- Palmetto Care Connections
- McLeod Health
- Roper St. Francis

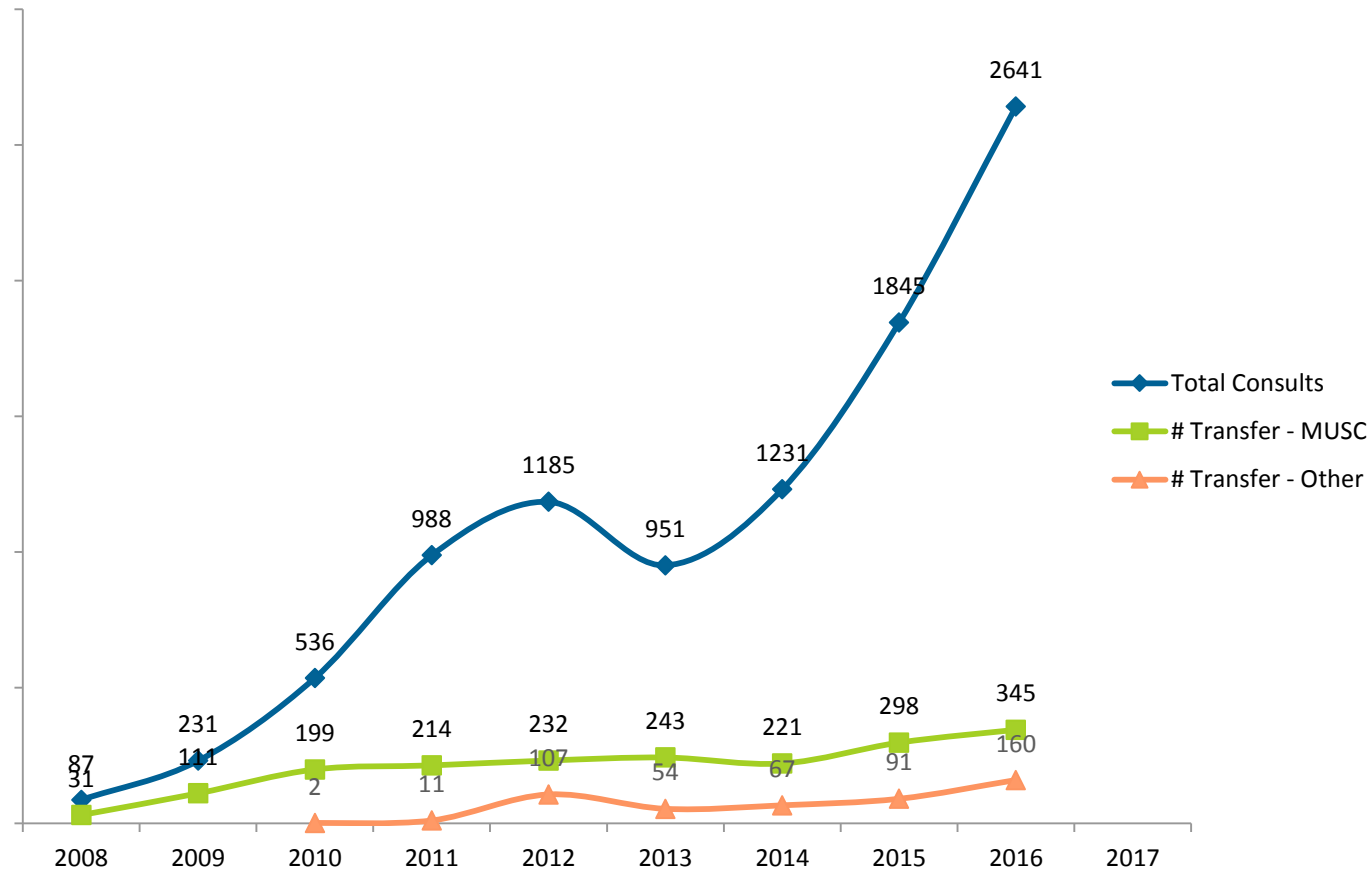
268 distinct
telehealth sites
across the state



Telestroke Network

One of the largest telestroke networks in the country!

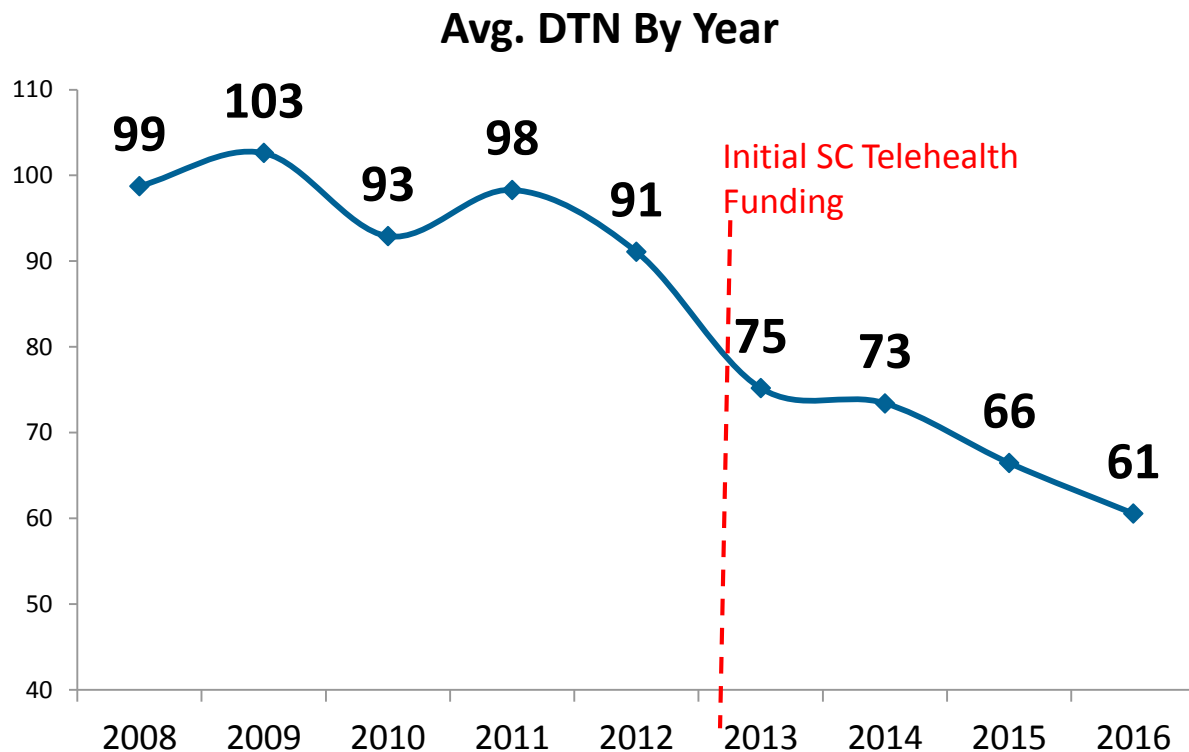
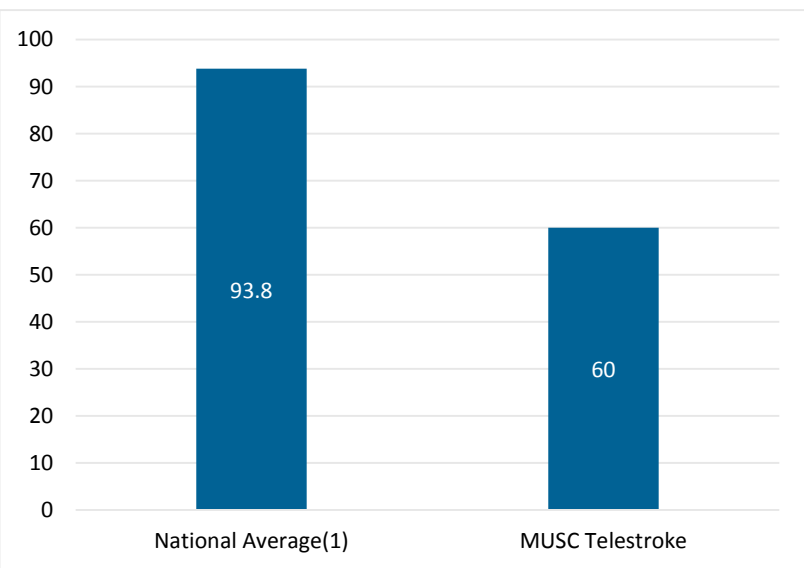
- 26 partner hospitals
- Projecting over 3,000 telestroke consults in 2017



Telestroke Network

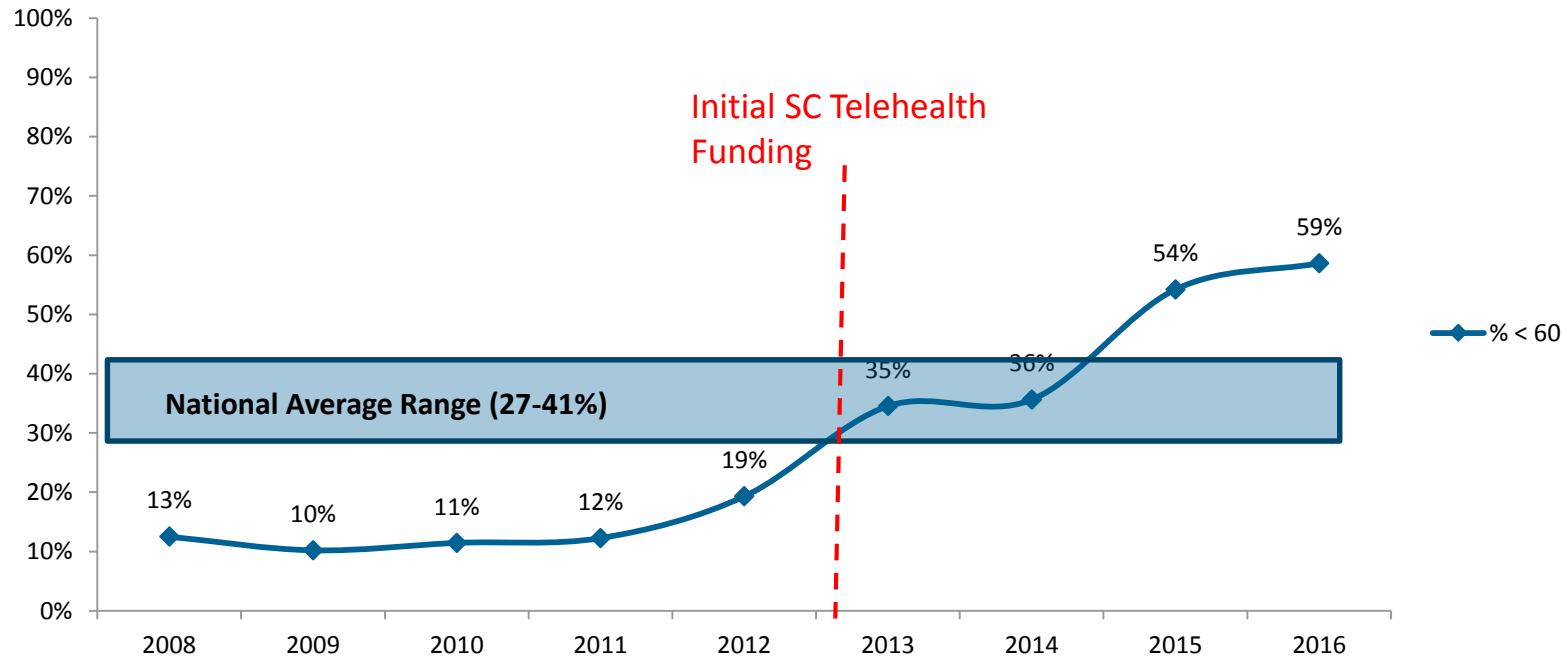
- One of the best networks in nation!
- Time is Brain

Every 1 minute delay = 1.9 million brain cells lost!



Telestroke Network

Percentage of patients with DTN ≤ 60



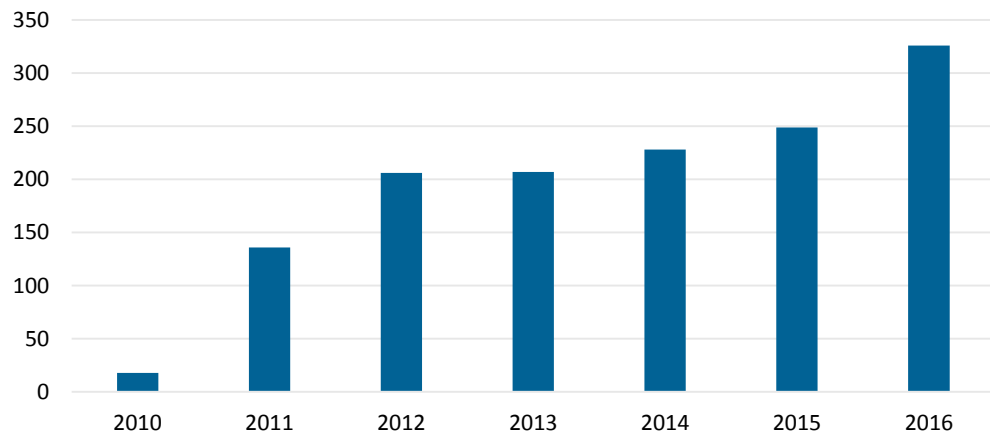
Source: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4128738/>



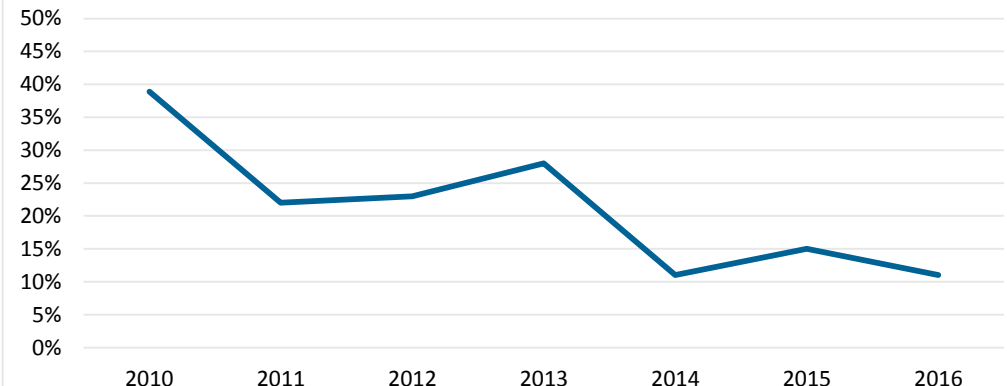
McLeod Health Community Hospitals (Cheraw, Dillon, Loris & Seacoast)

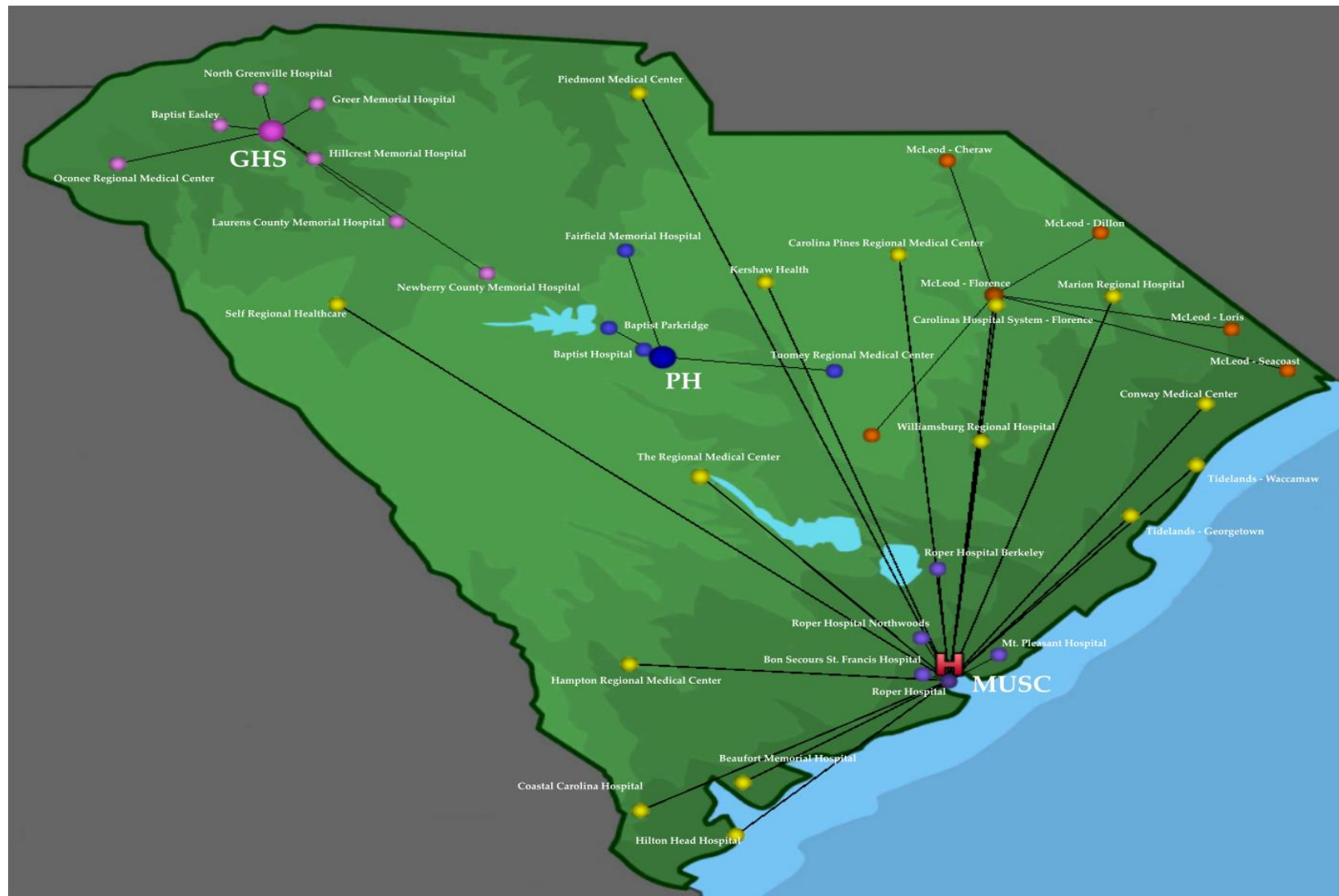
Seeing more patients, keeping more patients!

Number of Telestroke Consultations



Percentage of Telestroke Patients Transferred to MUSC

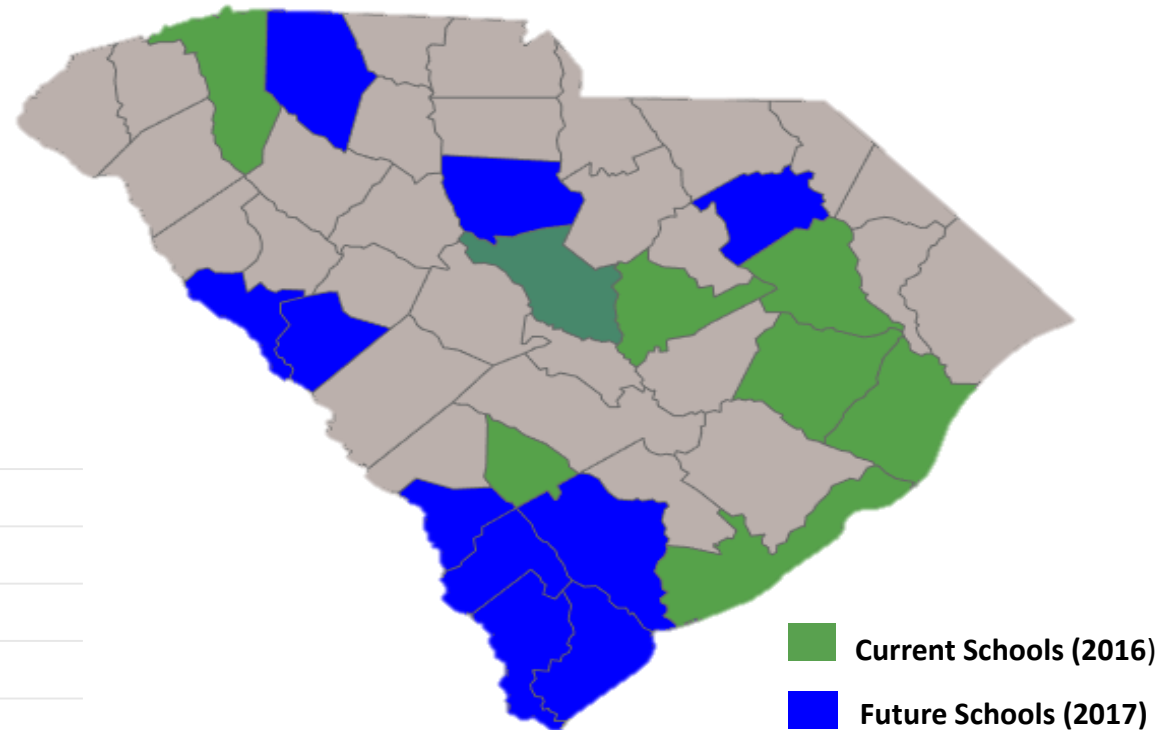
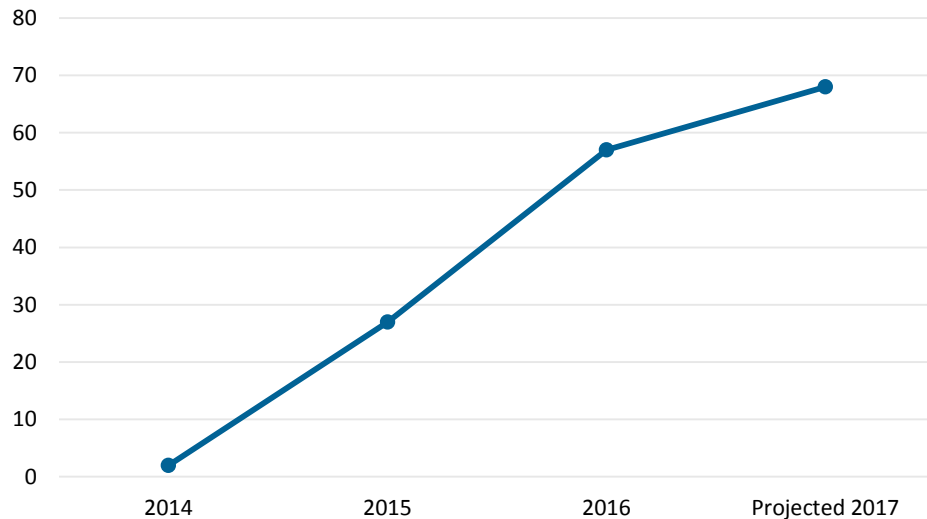




School-based Telehealth Network

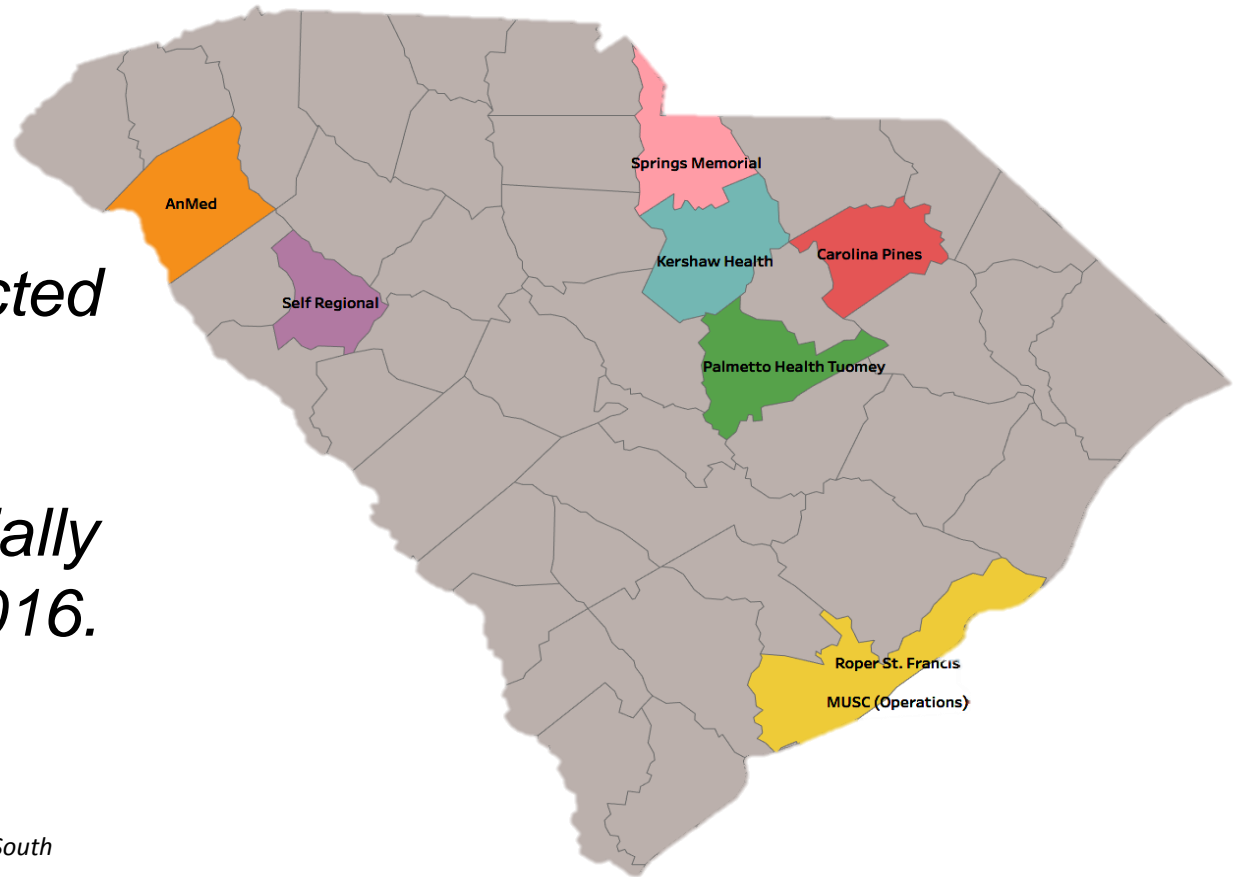
- One of the fastest growing school-based telehealth networks in the country!
 - Targeting areas with the highest rates of asthma

Number of Schools with Telehealth Capability



Tele-ICU in South Carolina

*Based on actual vs. predicted
ICU mortality statistics,
tele-ICU monitoring in
South Carolina has potentially
saved **over 140 lives** in 2016.*



Source: Advanced ICU Care (2016). ICU Program Performance Report Q4: South Carolina Hospitals.



Supporting Community Practices with Co-management in the Medical Home

