







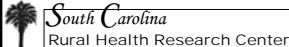

<p>Telemedicine Needs Assessment for Rural South Carolina</p>	
<p>Amy Martin, Dr.P.H. Deputy Director, Research Assistant Professor</p> <p>Jan Probst, Ph.D. Director, Associate Professor</p> <p>Kyle Shah Research Associate</p>	
 <p>South Carolina Rural Health Research Center At the Heart of Public Health Policy</p>	

<p>Introducing us</p>	
<p>South Carolina Rural Health Research Center</p> <ul style="list-style-type: none"> ▪ 1 of 6 Rural Health Research Centers funded by the Health Resources and Services Administration ▪ Administratively located in the Arnold School of Public Health at the University of South Carolina ▪ Mission: to increase knowledge of the persistent inequities in health status among populations of the rural US, with an emphasis on factors related to socioeconomic status, race and ethnicity, and access to healthcare services. 	
	

<p>Methods</p>	
<ul style="list-style-type: none"> ▪ Survey Development <ul style="list-style-type: none"> ◆ Developed 1 survey with 3 iterations (Rural PCPs, Rural Hospital CEOs/Medical Directors, Select Sub-Specialists) ◆ Obtained input from AHEC, TATRC, SCDHHS ◆ Pilot tested with rural providers & advocates ▪ Survey Administration <ul style="list-style-type: none"> ◆ Multiple postal mailings to addresses provided on licensure application ◆ Mailing lists obtained from ORS/LLR 	
	



Response to Survey

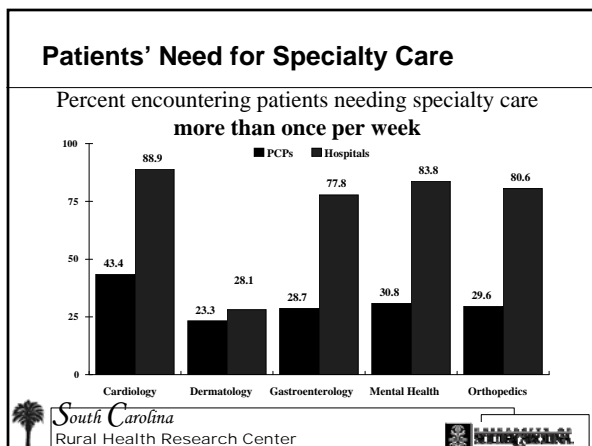
- **Rural PCPs: 26%** (339 physicians, advance practice nurses, & physician assistants)
- **Rural hospital CEO/Medical Directors: 100% (38)**
- **Sub-specialists and surgeons: 17%** (227 across cardiology, dermatology, gastroenterology, neurology, psychiatry/psychology, rheumatology)
- High interest shown by numerous telephone calls

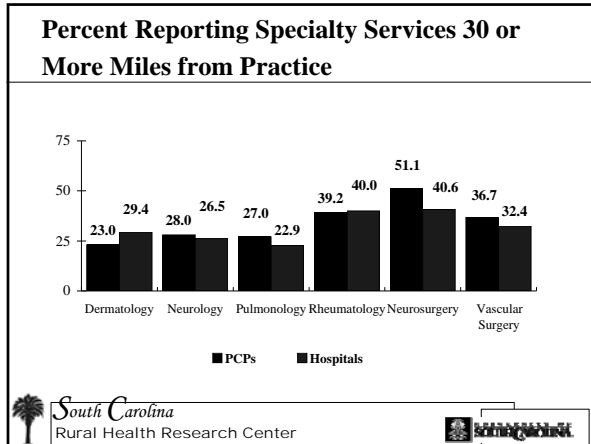



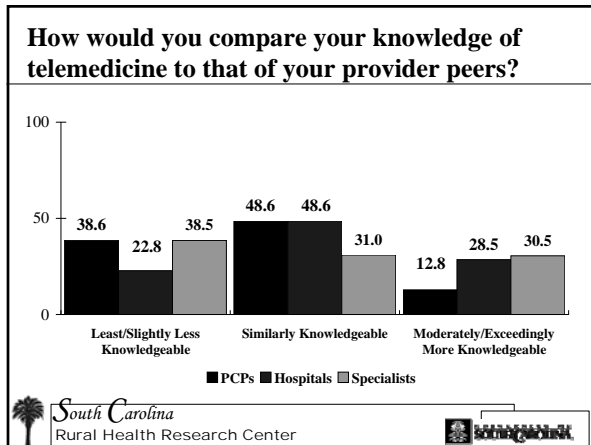
Results

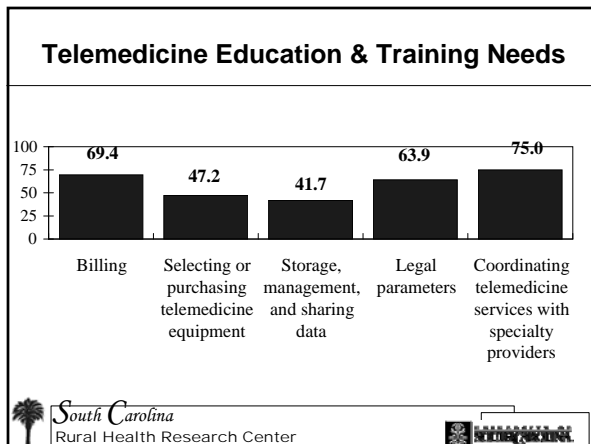
- Need for specialty care
 - ◆ Types of care
 - ◆ Telemedicine priorities
 - ◆ Distance to care
 - ◆ Transportation problems
- Knowledge & Readiness for Telemedicine
 - ◆ Current knowledge
 - ◆ Planning for telemedicine
 - ◆ Education & training needs
 - ◆ Capacity issues
- Current Technology Use

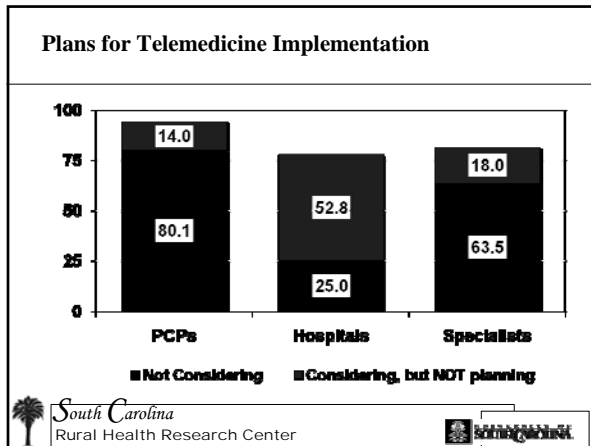



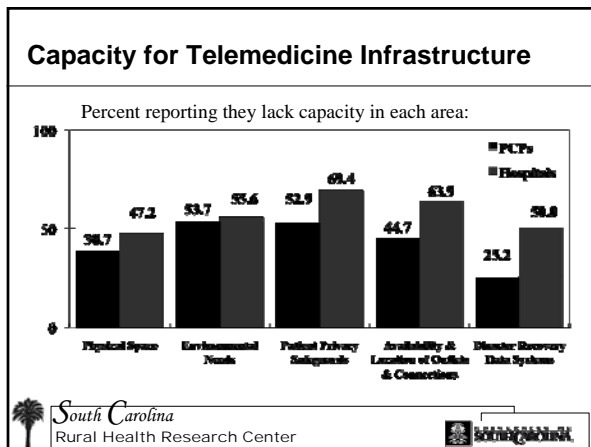


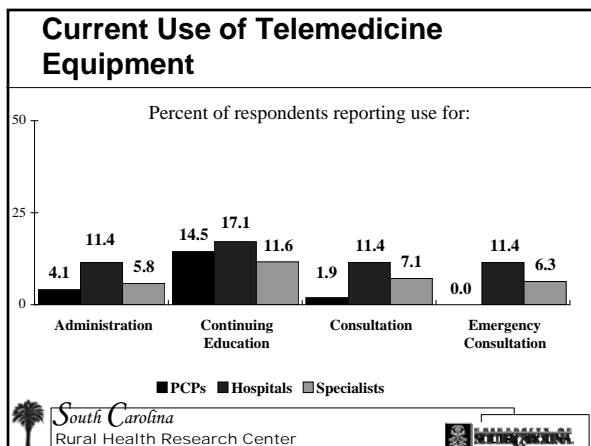












In Summary

- Most rural providers reported a need to improve access to specialty care for their patients
- Most identified distance and travel as barriers to access
- The overwhelming majority are not planning for telemedicine adoption
- Unfortunately, most believe their facilities are inadequate to support telemedicine
- Many specialists would like rural provider partners for telemedicine implementation



South Carolina
Rural Health Research Center



Thank you!

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