



DCH Health IT Town Hall Meeting  
10-26-2012  
Macon, GA

# Technology and Healthcare

*The best cure for a sluggish mind is to disturb its routine.*

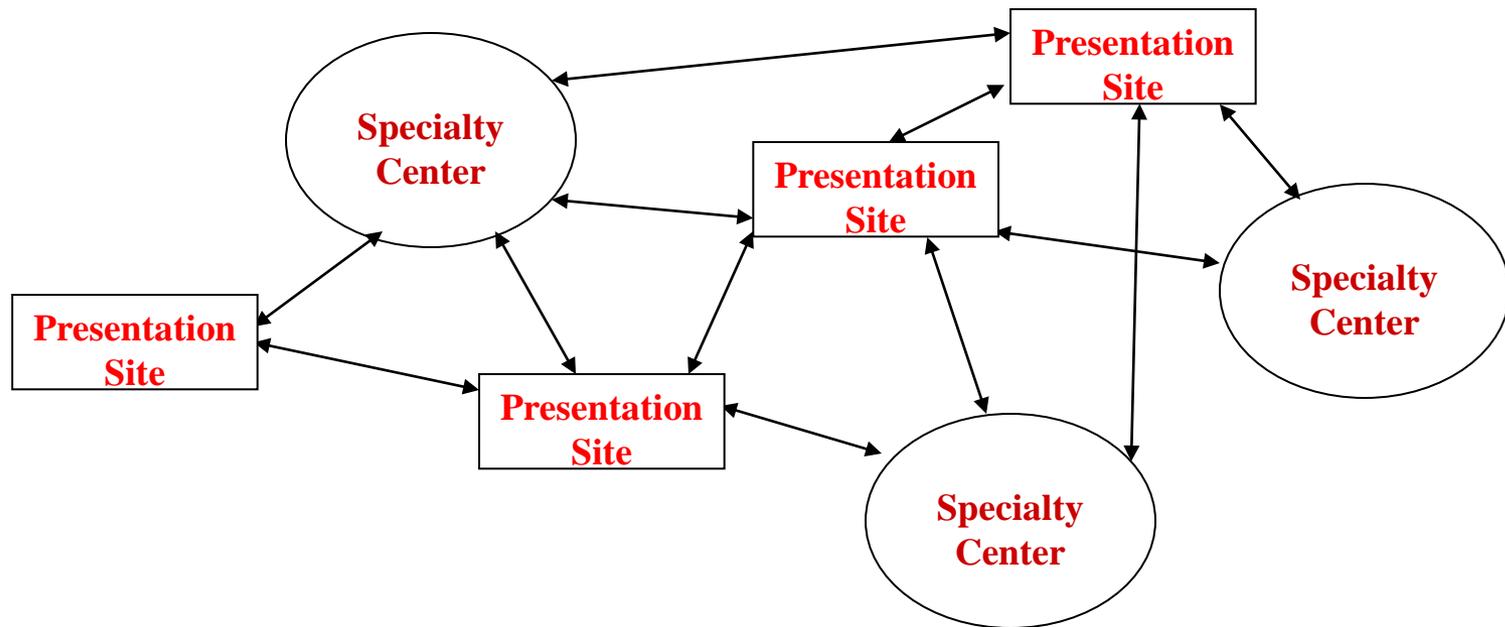
- William H. Danforth

# GPT Infrastructure

- GPT Headquarters is located in Waycross, Ga.
- Field-Based TM Liaisons
  - Regionalized coverage with specific targeted areas
  - Division of responsibilities between presentation, specialty sites and healthcare providers
- Support for Credentialing and Scheduling
  - All Specialists & Allied Healthcare Providers are required to complete the modified application that is accepted by The Joint Commission.
  - Dedicated toll free scheduling line/web based

# Telemedicine – “Open Access” Network Model

- Creates a web of access points
- Any Presentation Site can connect to any other site

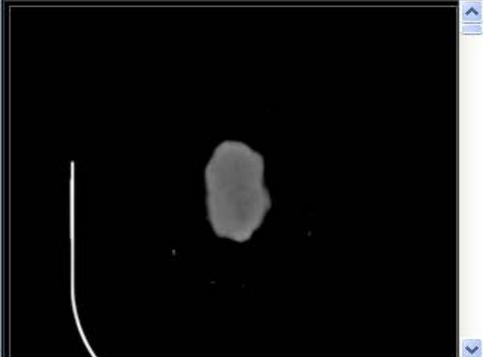
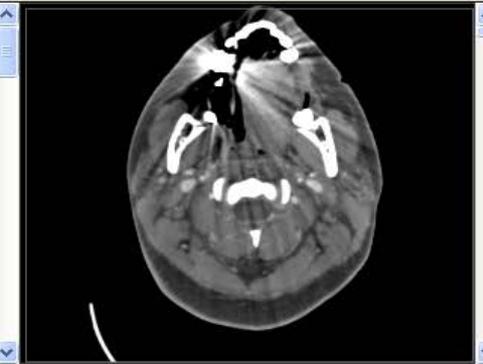


# Network Technology

- Private Secure Internet...Intranet
  - HIPAA Compliant
- Network HUBs-Archbold Medical Center, Thomasville and Bacon County Hospital, Alma
- Unlimited bandwidth available.
  - Eligible for Universal Service Funding
- IP video conferencing standard- H.323
- Multi point video conferencing
- Grant to purchase certified EMR to be implemented target date of 1-2013



Query/Retrieve x Patient^Tester [Current] x

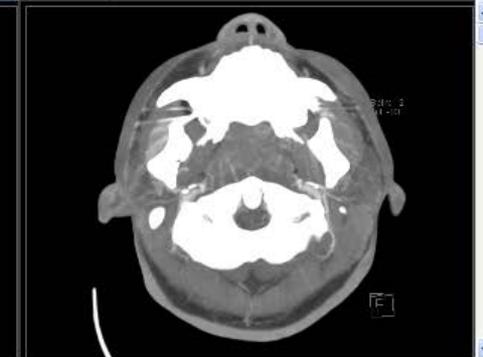


WV01 000111 B 147

WV01  
 Procedure: EP  
 Operator: J. D. H.

Total mAs: 9502 Total DLP: 3739

Beam	mA	Time (sec)	C-Fluor	D-F	Fl	Dist
Patient Position H SP						
TOPOLGRAY	1	100			5.0	0.0
TOPOLGRAY	2	100			5.0	0.0
TOPOLGRAY	3	100			4.0	0.0
HEAD ISO Contrast	4	120	95.00	121.0	0.0	0.0
PrismCollim	6	120	100	22.51	20	0.0
PrismCollim	8	120	100	22.51	20	0.0
PrismCollim	7	120	100	22.51	20	0.0
PrismCollim	9	120	120	22.51	20	0.0
I/V Bolus						
Minimizes	10	100	100	22.51	20	0.0
C-Fluor	15	170	200	84.52	1.04	1.0
HEAD ISO	6	140	400	81.00	1302	0.0



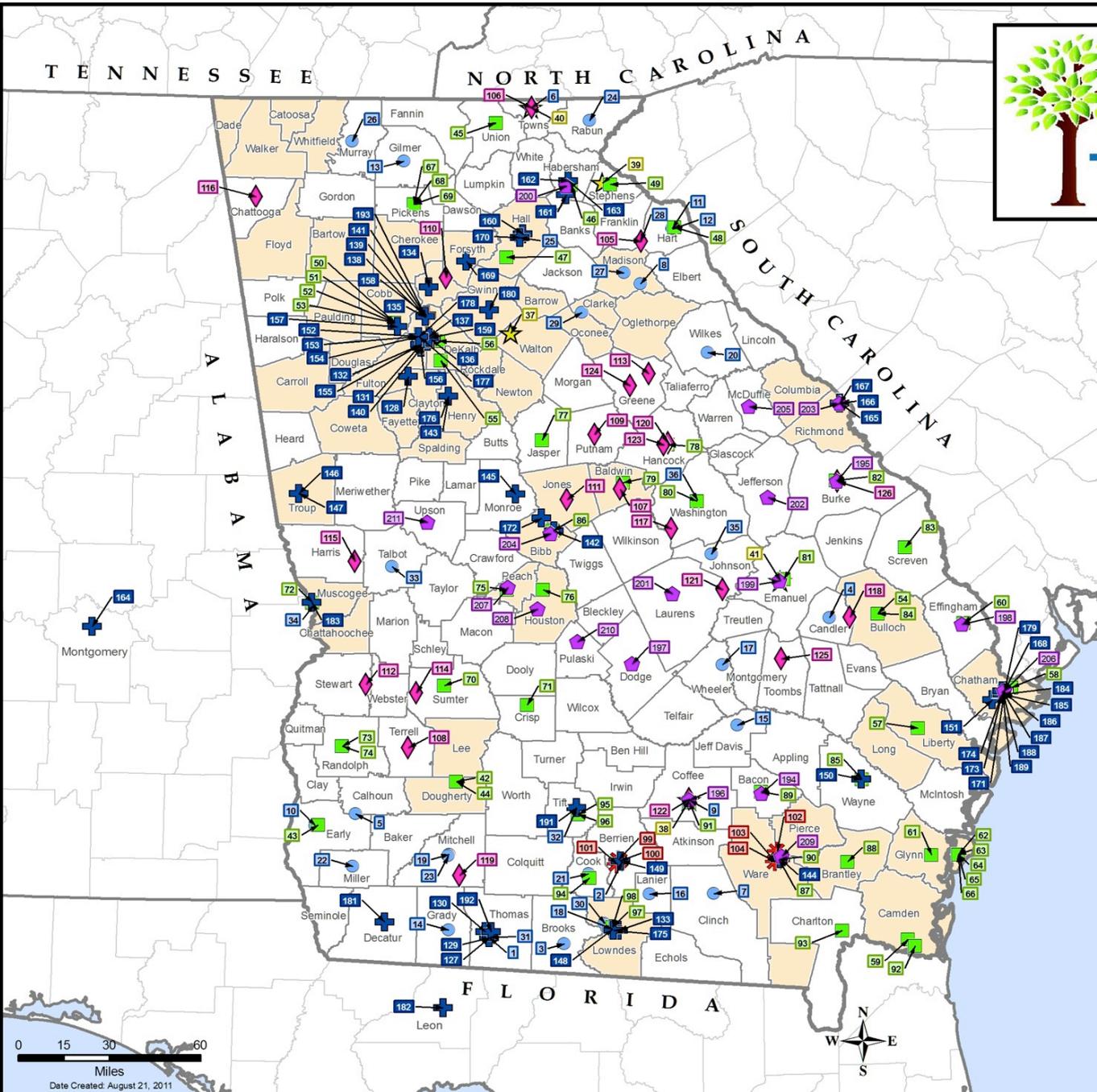
T E N N E S S E E

N O R T H C A R O L I N A

S O U T H C A R O L I N A

A L A B A M A

F L O R I D A



**Telemedicine Site**

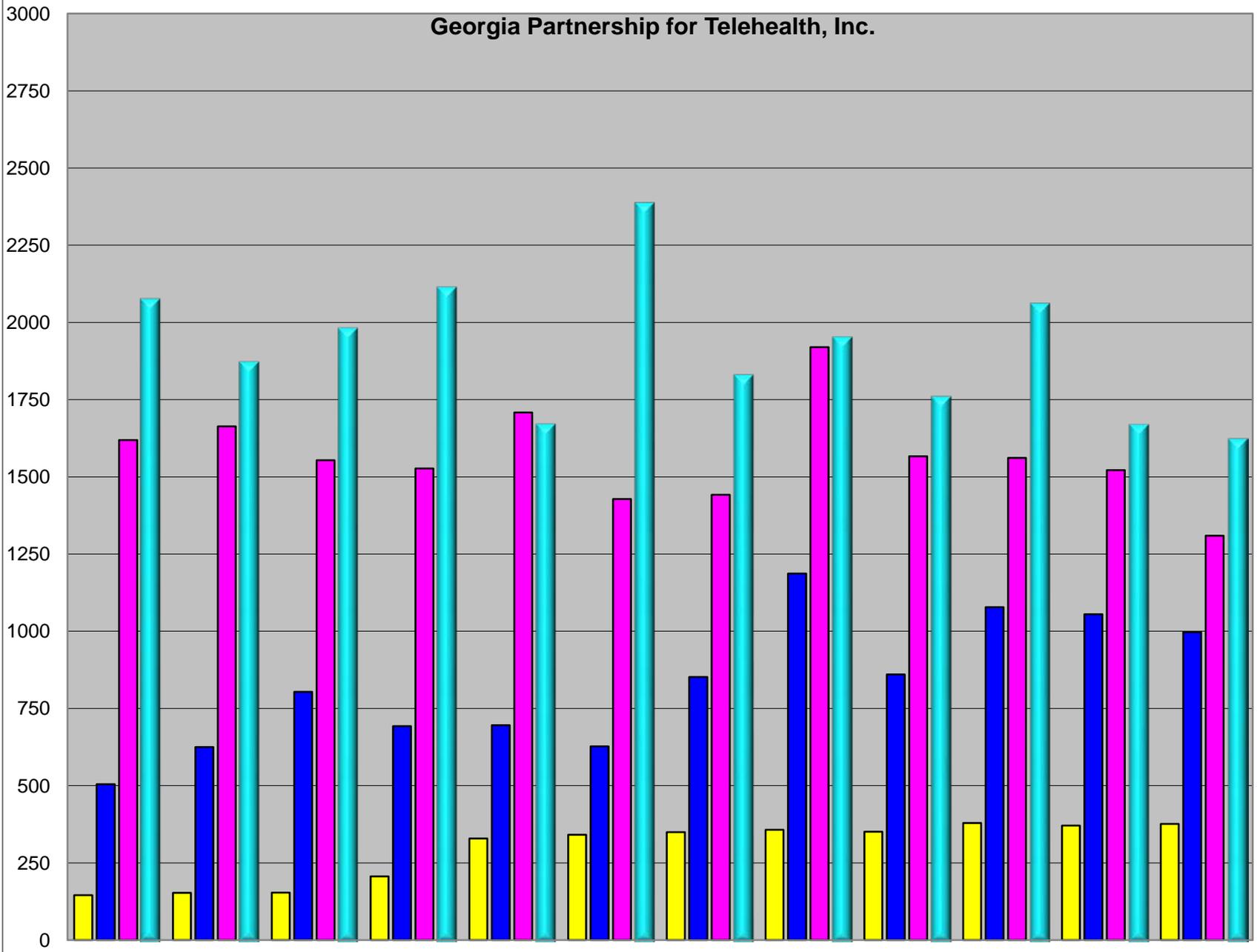
- ★ Child Advocacy Center - Internal Use Only (5)
- Community Service Board - Internal Use Only (57)
- Patient Presentation Site (36)
- ✳ School Project - Internal Use Only (6)
- ◆ Skilled Nursing Facility - Internal Use Only (22)
- ⊕ Specialist Site - Specialists Use Only (67)
- ◆ Tele-Trauma Site (18)

**County**

- Rural (108)
- Urban (51)



# Georgia Partnership for Telehealth, Inc.



■ 2007 ■ 2008 ■ 2009 ■ 2010

# Facts & Stats



- 265+ rural and specialty sites within the GPT network.
- Over 170 specialists/providers representing 34 specialties.
- 8 encounters in January 2006
- 9,973 encounters in 2008
- 31,040 encounters in 2010
- 40,000 + encounters in 2011
- 70,000 + encounters anticipated for 2012

When fully realized, the program will enable all rural Georgians to access healthcare within short distances of their homes! <sup>9</sup>

# Top Ten TeleMedicine Encounters 2011

- Wound Care
- Adult Psychiatry
- Gerontology Psychiatry
- Neurology
- Child Psychiatry
- Endocrinology
- Pediatric Endocrinology
- Rheumatology
- Dermatology
- Child Protection Services

# Expansion 2012



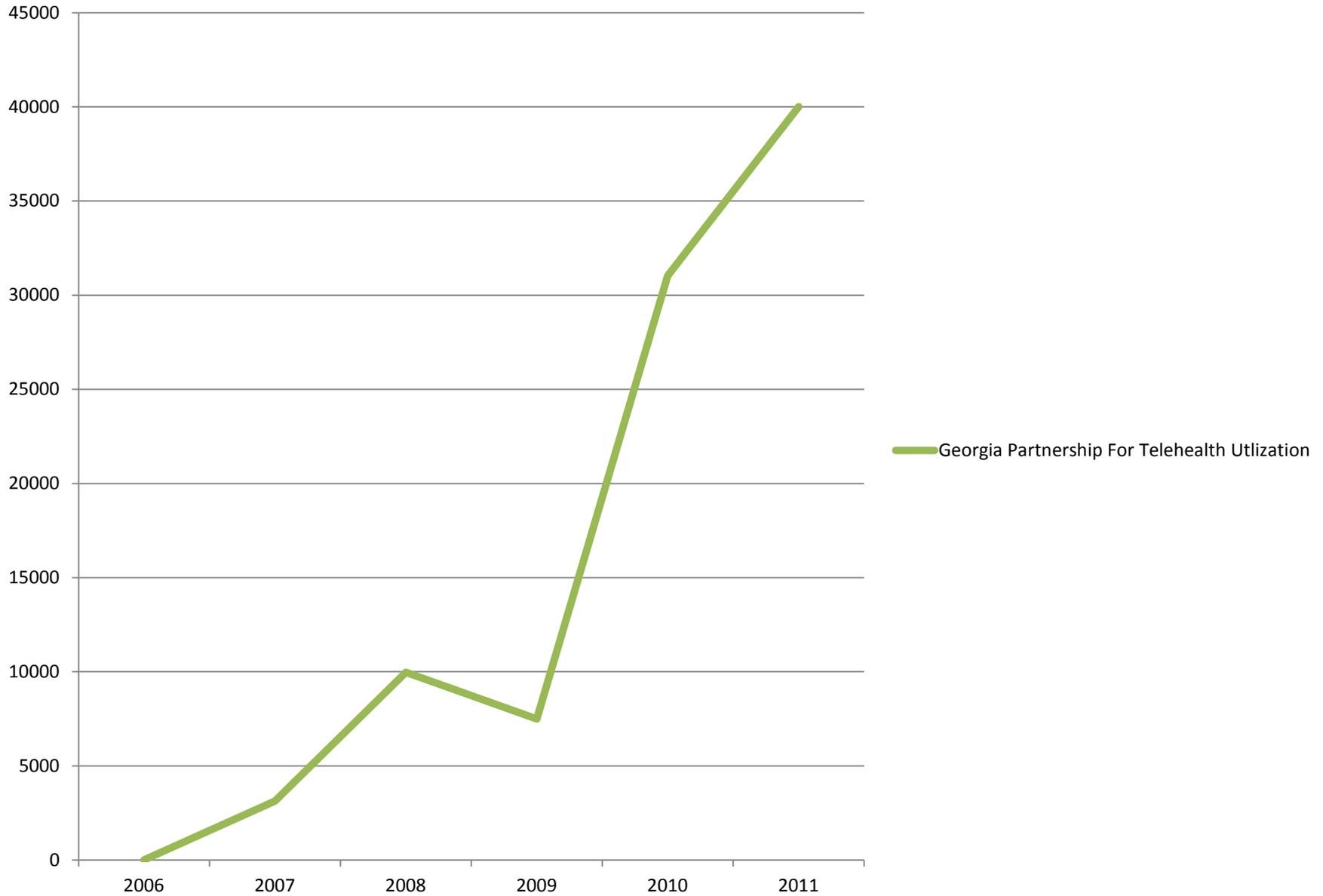
GLOBAL PARTNERSHIP FOR  
TELEHEALTH

- **Virtual Care in Correctional Settings**
- **Mobile Health/Monitoring/Wellness**
- **Tele-Stroke Care**
- **School Based Telehealth Clinics**
- **Nursing homes Expansion**
- **Global Partnership for Telehealth**
- **Alabama Partnership for Telehealth**
- **Florida Partnership for Telehealth**
- **Telehealth International Partnership**
- **In discussions with 12 other states**

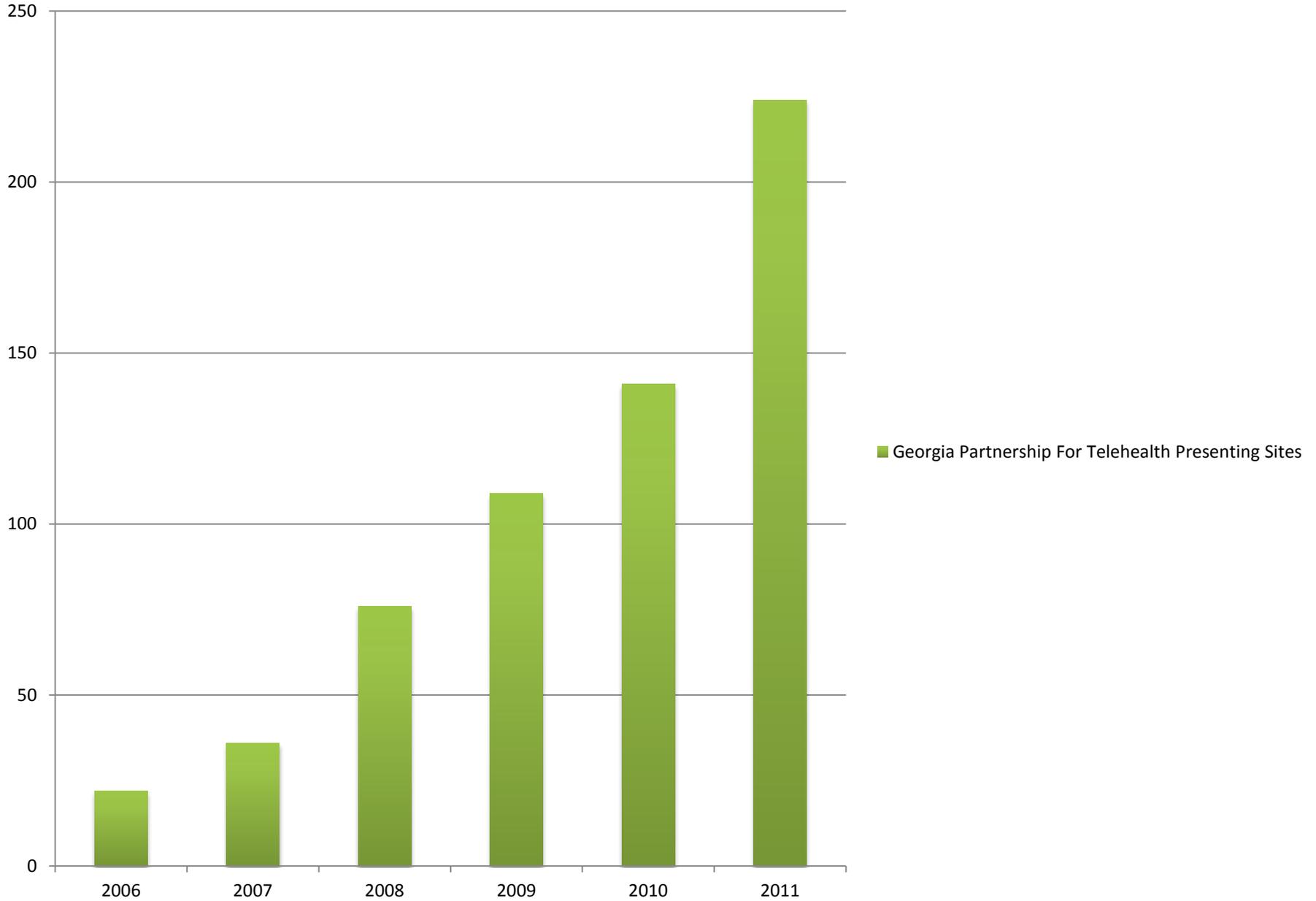
# Multiple Equipment Options



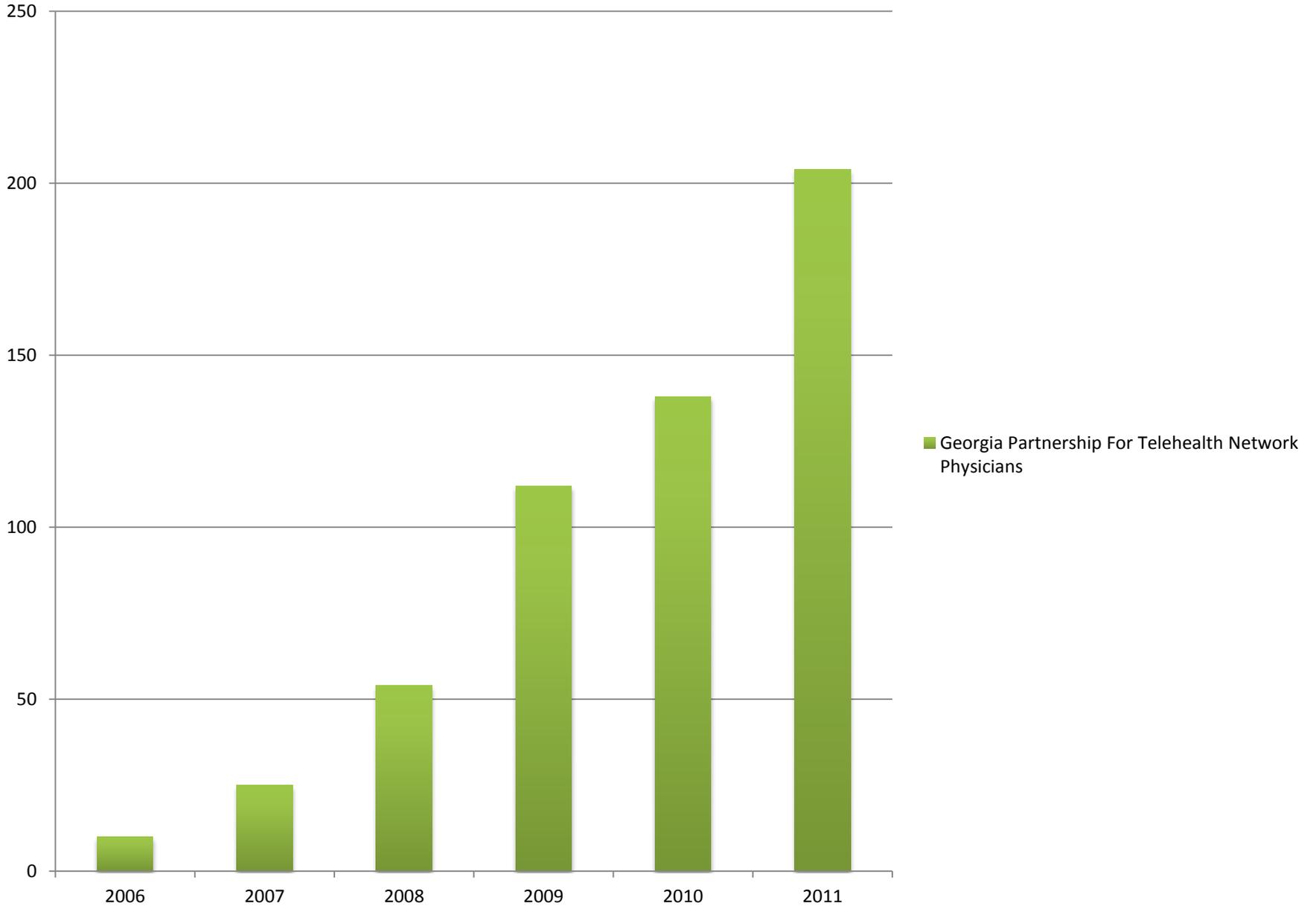
# Georgia Partnership For Telehealth Utilization



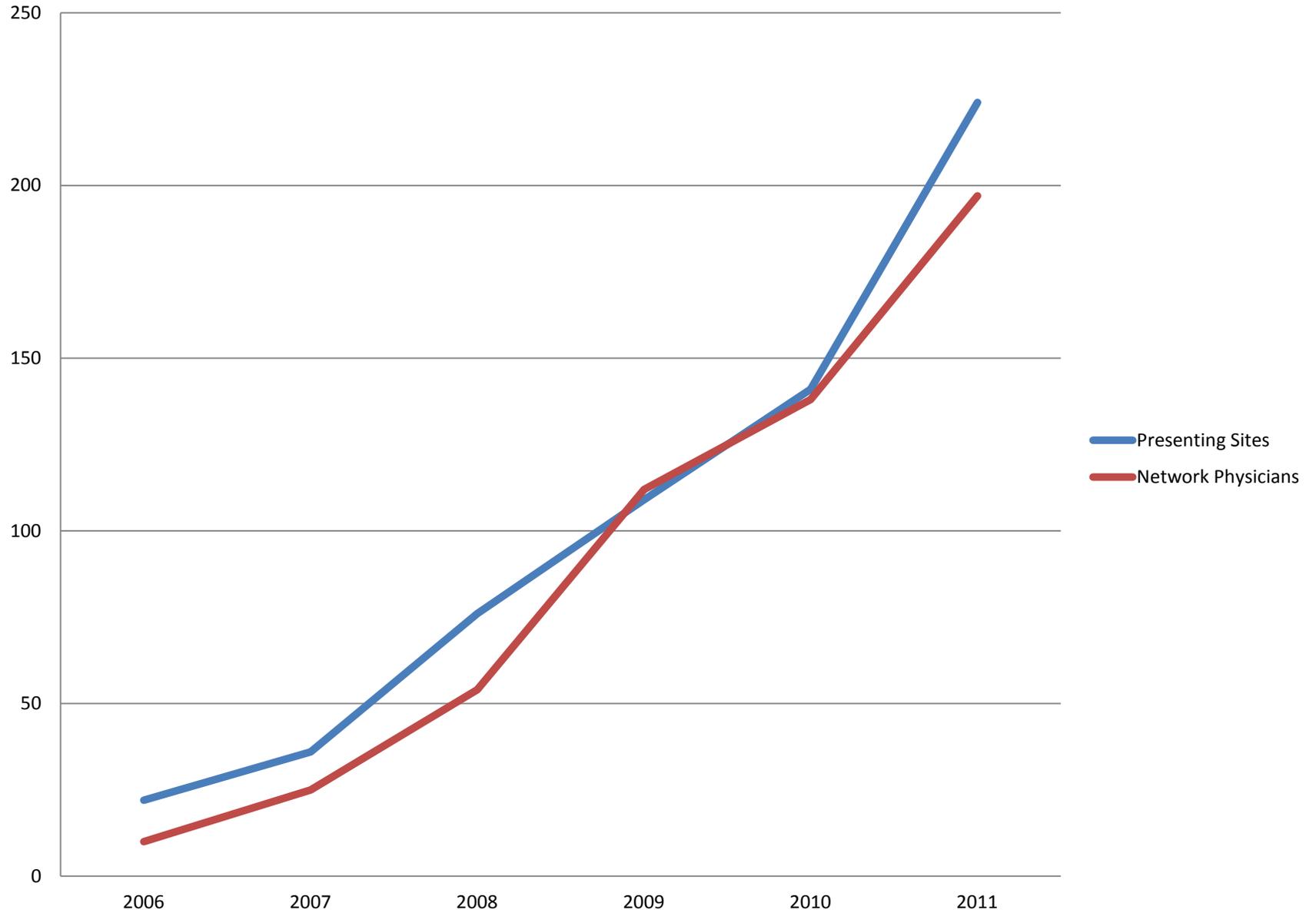
# Georgia Partnership For Telehealth Presenting Sites



# Georgia Partnership For Telehealth Network Physicians



# Georgia Partnership For Telehealth Network Membership



# Impact on Improved Healthcare Delivery

- Improve access to care for remotely located patients
- Shift appropriate visits from high-cost settings
- Reduce cost of managing chronic patient populations
- Reduce unnecessary hospital readmissions
- Lower number of days spent in hospital
- Improve patient outcomes
- Create higher satisfaction among patients and providers
- Time, Cost, Access, Convenience, Compliance

# Cost Savings

- Nursing Home ER Avoidance: 160 ER Visits avoided 2011 resulting in savings of \$480,000.
- School Based Clinics ER Avoidance: 118 ER visits in 2011 resulting in savings of \$354,000
- Out of 40,009 encounters, a random sample showed an average savings of PT travel of 124 miles per encounter resulting in an estimated pt savings of \$762,027 just in fuel. (Does not include lost wages, meals and other travel expenses)

# Georgia General Assembly

## House Bill 291 Section 3 (33-24-56.4)

- On or after July 1, 2005, every health benefit policy that is issued, amended or renewed shall include payment for services that are covered under such health benefit policy and are appropriately provided through telemedicine in accordance with Code Section 43-34-31.1
- SB 183- 2012 Allows telemedicine in schools

# Eligible Telemedicine Services

The official CMS policy reads as follows:

- “The use of a telecommunications system may substitute for a face-to-face, "hands on" encounter for consultation, office visits, individual psychotherapy and pharmacologic management.

# Sustainability

- Value to be a Member
  - 24/7 support
  - Scheduling
  - Credentialing
  - Liaison/champion
  - Failure is not an option
- Value to be a Partner
- Grants
- Partnerships

# How and Why

- Passion
- Partnership and Collaboration
- Quality, Ease, Cost
- Build it...
- Teach, Train, Educate, Support
- Barriers...what barriers
- Keep Moving...

# Future Trends

- 2012 – 10 million patients seen
  - 5.5 teleradiology
  - 900K clinical consults
- 15 states now mandate private payers for TH
- Three states added 2012 – MI, MD, VT
- Nine states unsuccessful this year
- 42 states some form of Medicaid reimbursement
- CMS added – depression screen/SA
- International boom in telehealth

# Future Trends

- Standard Medical Practice and Care
- Decision from C-Suite – system integration
- No longer technological
- Bringing medical expertise to patient's bedside and home
- Medical/psychological
- Episodic to continuous assessment
- Mobile and application driven healthcare

# Healthcare Technology

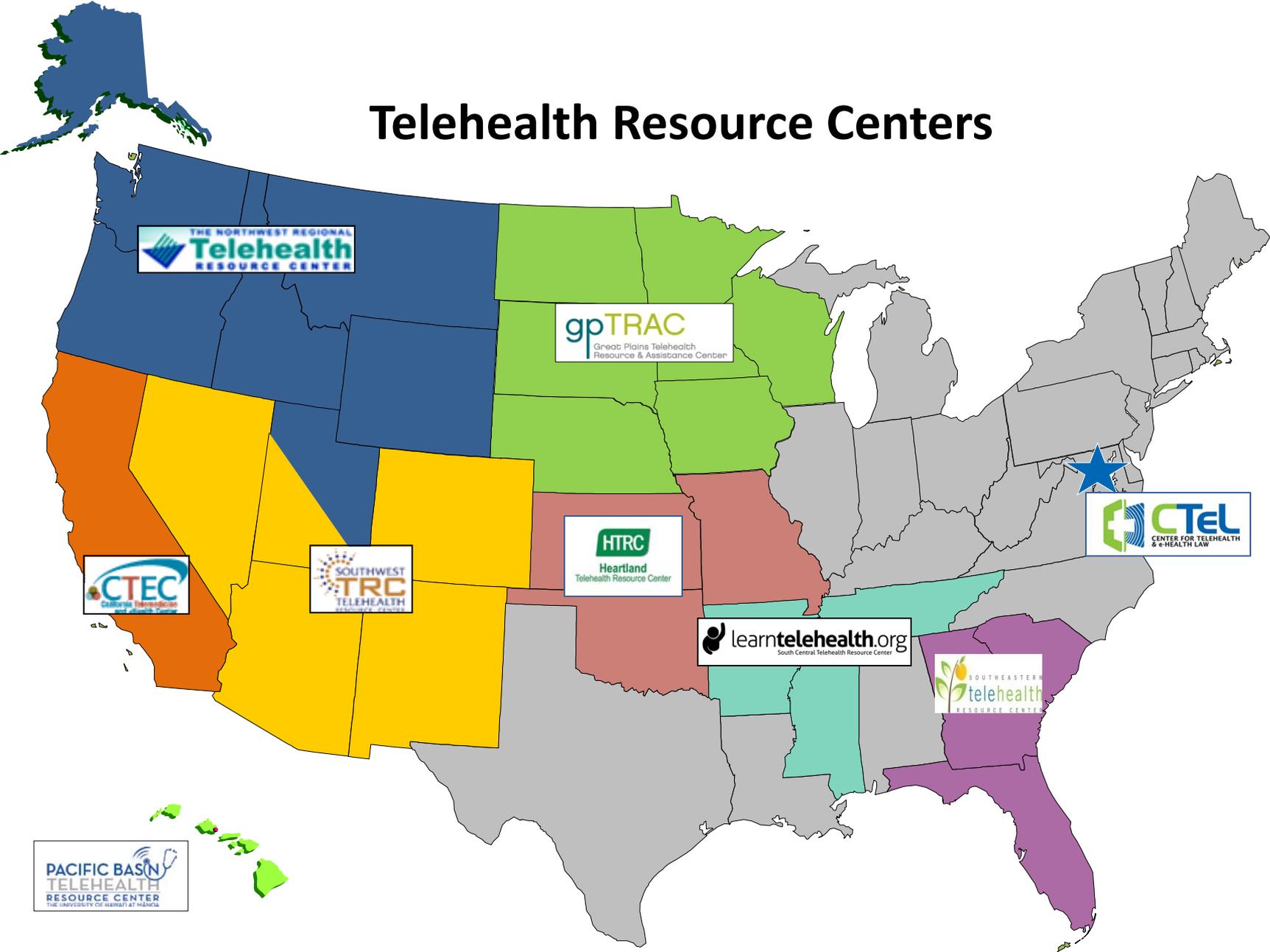
- Mobile devices/technology, 4G LTE, Healthcare applications will revolutionize healthcare
- Future of healthcare will be data/information driven, directly to practitioner instantly and constantly
- Healthcare will be delivered in settings and locations where it doesn't exist today
- On verge of a new healthcare delivery model
- Healthcare technology will improve access to care, quality of care, and significantly reduce costs



# Mobile Health

- Next Generation of Healthcare
- Application Driven
- Significant Reduction of Costs
- Improves quality of life
- # of mhealth user applications will reach 247 million, double from 124 million in 2011
- 10,000 health related apps from Apple
- Mhealth is the 3<sup>rd</sup> fastest growing app category for Apple and Google

# Telehealth Resource Centers





NATIONAL SCHOOL  
OF APPLIED  
**telehealth**

*Sign up and get certified today!*

**Certified Telemedicine Clinical Presenter**  
**CTCP**

**Certified TeleHealth Coordinator**  
**CTC**

**Certified TeleHealth Liaison**  
**CTL**

*The National School of Applied TeleHealth provides healthcare information and education for providers and consumers through the development of a virtual "School for Applied Telehealth." This Southeastern Telehealth Resource Center (SETRC) initiative is in collaboration with California Telemedicine and E-Health Center (CTEC). The National School of Applied Telehealth certification courses will teach the essentials of TeleHealth and prepare individuals to become valuable members of a Telemedicine Team. These certifications offer CEUs and are being offered through HomeTown Health, LLC, IACET Authorized Provider.*

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**[www.nationalschoolofappliedtelehealth.com](http://www.nationalschoolofappliedtelehealth.com)**

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