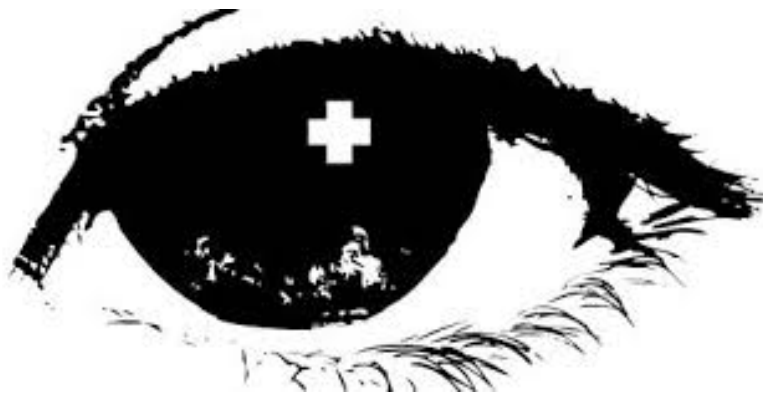


The Art of Community Health



Development & Impact Matrix

Matt Jansen, MPA
Georgia Partnership for TeleHealth

SBTC MATRIX

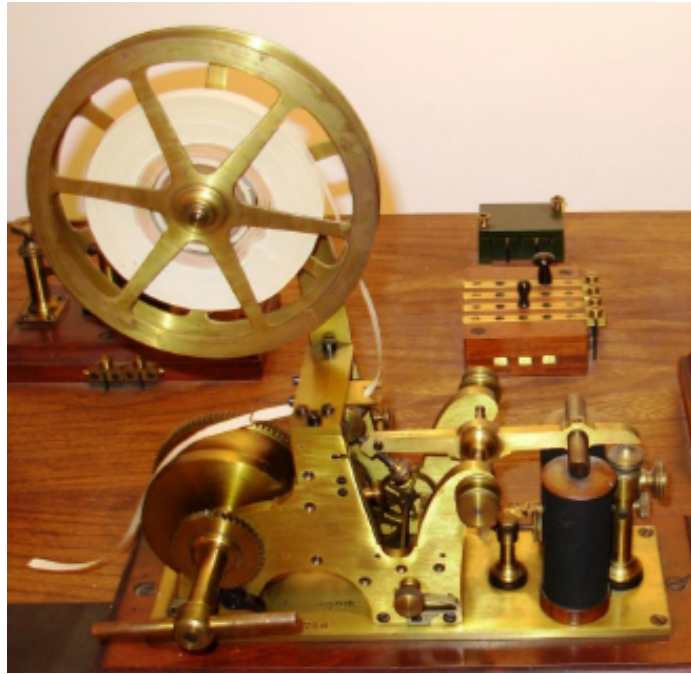
TIME + TALENT + RESOURCES

	Equipment	Support/Training	Utilization	Volume to Value	Outcomes to Quality	Marketing
Kids/Parents	X					
Staff/Faculty		X		X	X	
Community						X
Partners		X	X		X	
Resources	X					

A black and white photograph of a young boy with short hair, wearing large boxing gloves. He is looking directly at the camera with a serious expression. The background is a blurred brick wall. The text "ARE YOU READY?" is overlaid in the upper right corner.

ARE YOU READY?

In the beginning....



THE RADIO DOCTOR—*Maybe!*

See Page 1006

IN THIS ISSUE:

Sir Oliver Lodge, F.R.S.
Dr. J. A. Fleming, F.R.S.
F. W. Dunmore and
F. H. Engel of
Bureau of Standards
Howard S. Pyle
Ernest Rutherford









Telesurgery was performed by Professor Jacques Marescaux and his assistant Professor M.Gagner. Two doctors (Dr.Leroy and Dr. Smith) were near the patient. For the information exchange a fiberoptic channel with a bandwidth of 10 megabits per second was used. Duration of the surgery was 45 minutes. Patient left the hospital after 48 hours and complete convalescence was achieved within standard terms

What do we know? Population Health IQ



STRATEGY/CONSULTING



EXPERIMENT SETUP



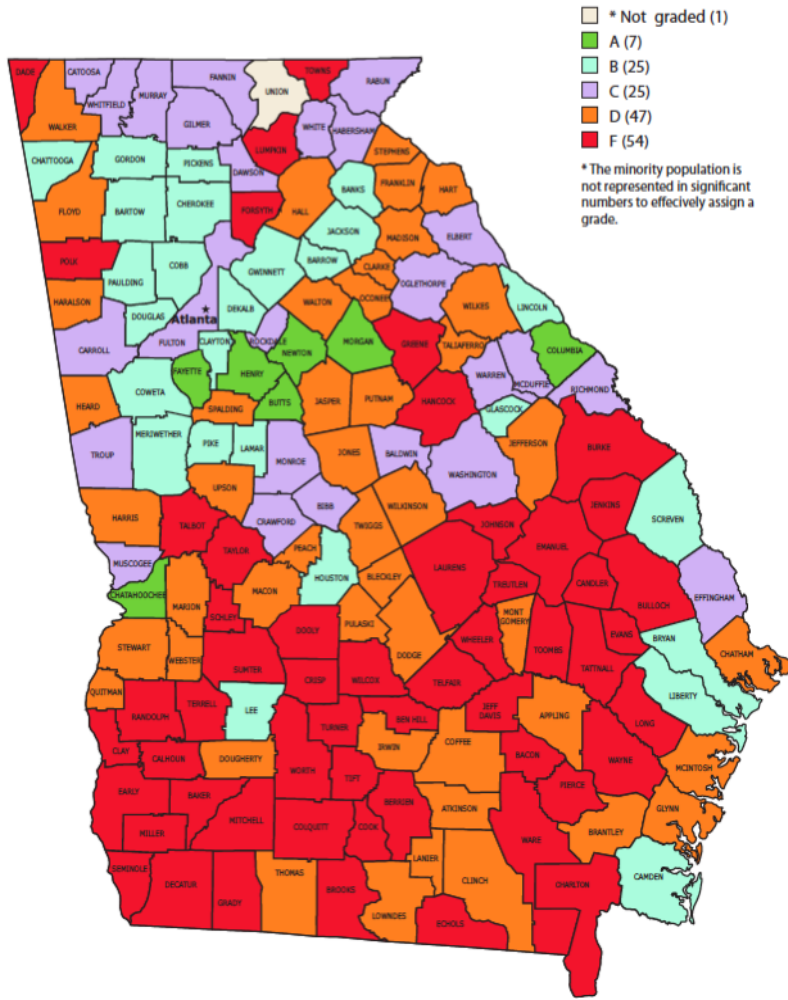
DEPLOYMENT/TEST



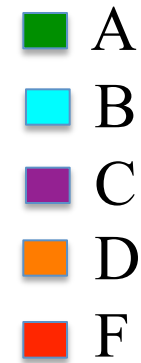
RESULTS/ANALYSIS

Georgia's Health Disparities

Socioeconomic Summary Grades



Socioeconomic Summary Grades



Georgia Health Disparities Report 2008

Clinical Video TMed Encounters

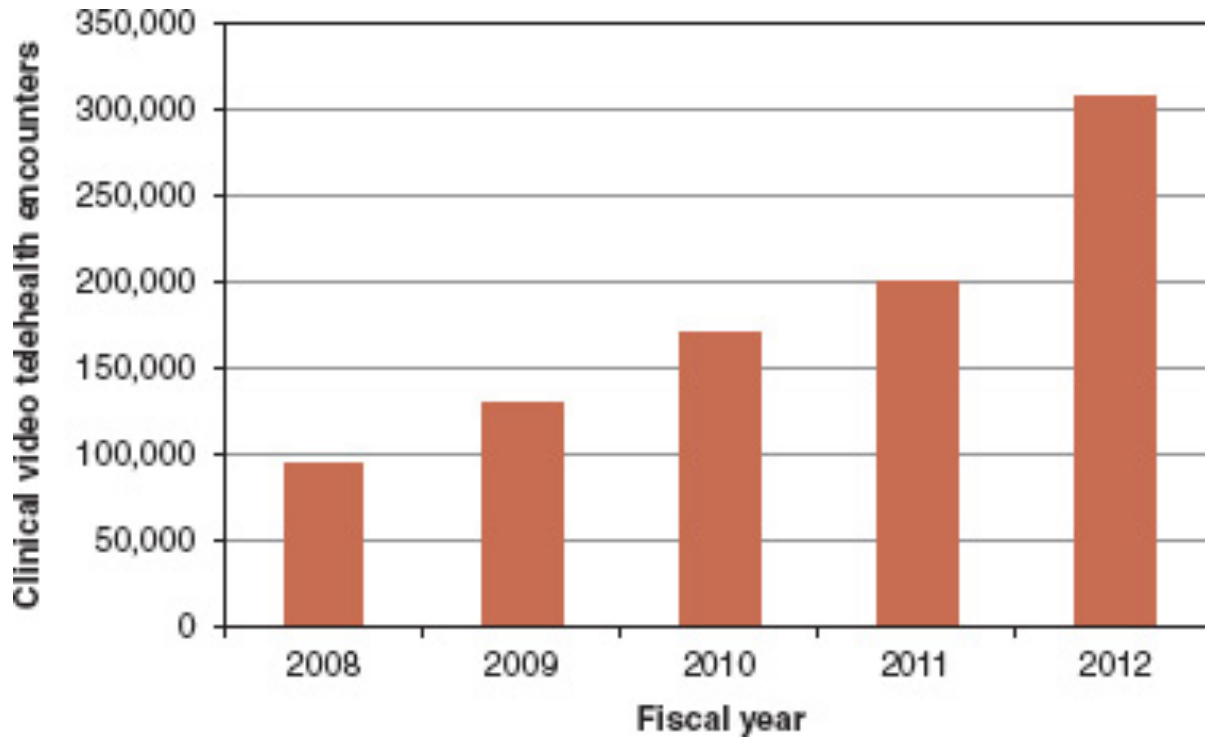


FIGURE 11-3 VA clinical video telehealth encounters, FY2008-2011 and projected FY2012.
SOURCE: Reprinted with permission from Adam Darkins (2012).

Home TMed Encounters

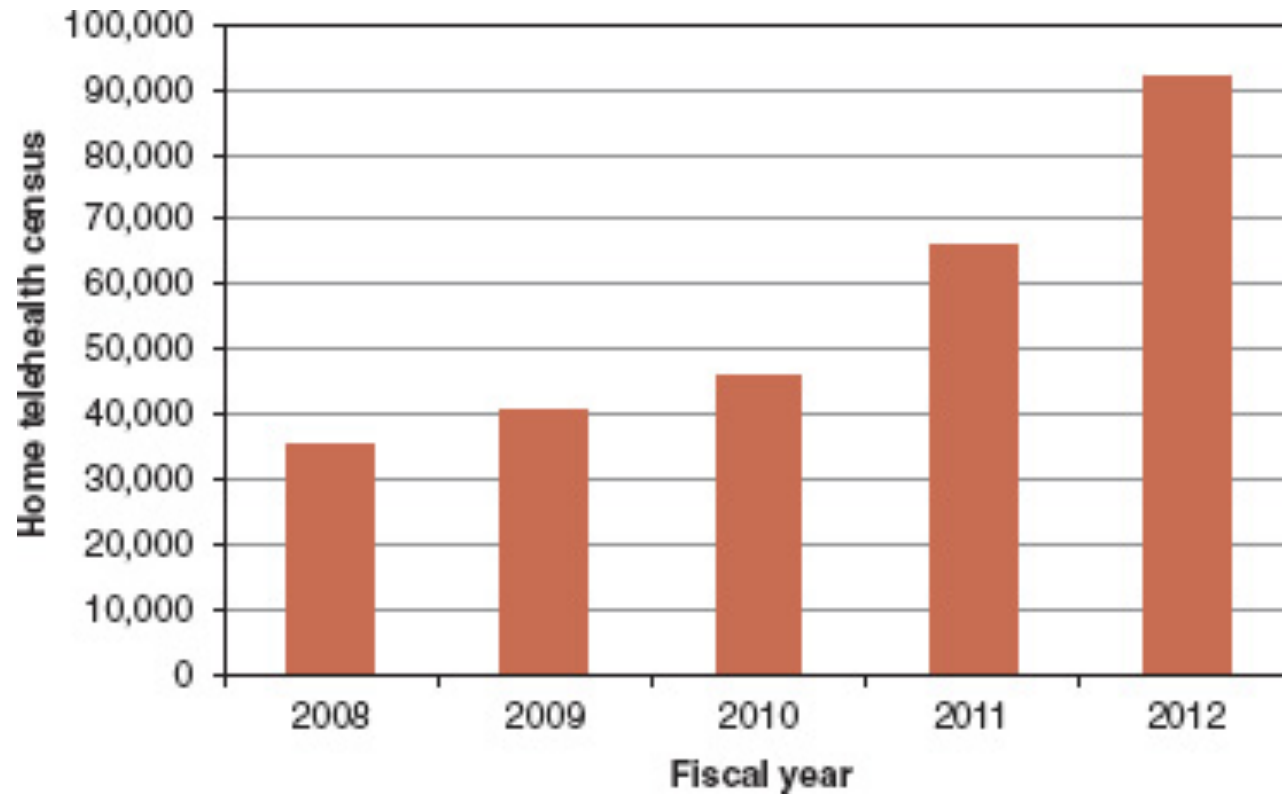


FIGURE 11-1 VA home telehealth patient census, FY2008-2011 and projected FY2012.
SOURCE: Reprinted with permission from Adam Darkins (2012).

IT'S ALL ABOUT RELATIONSHIPS



FIGURE 11-4 Multiple relationships of telehealth care.
SOURCE: Reprinted with permission from Jay H. Shore (2012).

Basic Links

The 10 essential services focus on a range of public health services that are believed to be necessary to improve population health. They include the following:

- Monitor health status.
- Diagnose and investigate health hazards.
- Inform, educate, and empower people about their health.
- Mobilize community partnerships to solve problems.
- Develop policies and plans to support health.
- Enforce laws and regulations that protect health and safety.
- Link people to providers of care.
- Ensure a competent health workforce.
- Evaluate the effectiveness and quality of health services.

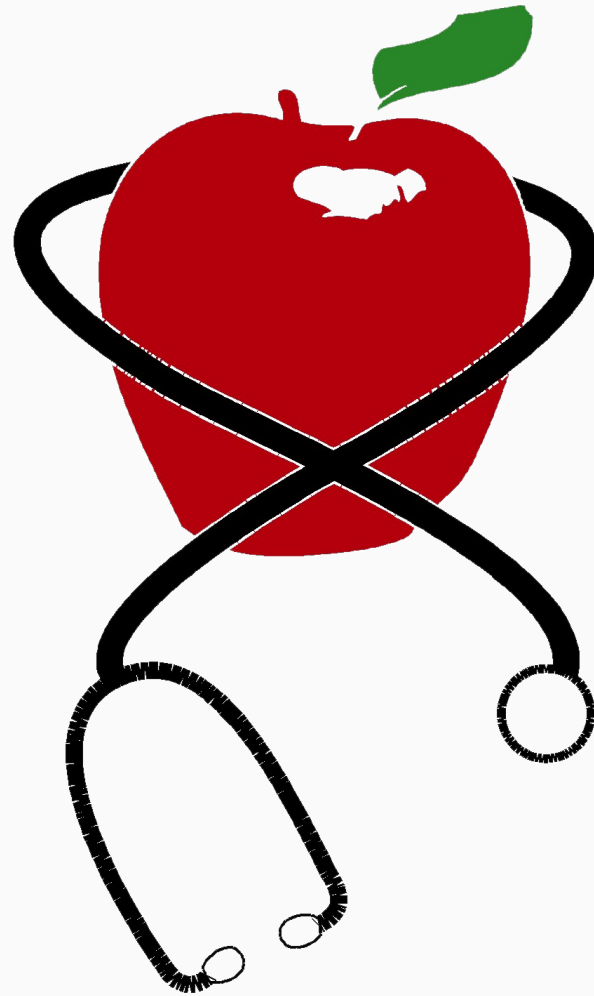
FORCE MULTIPLIER



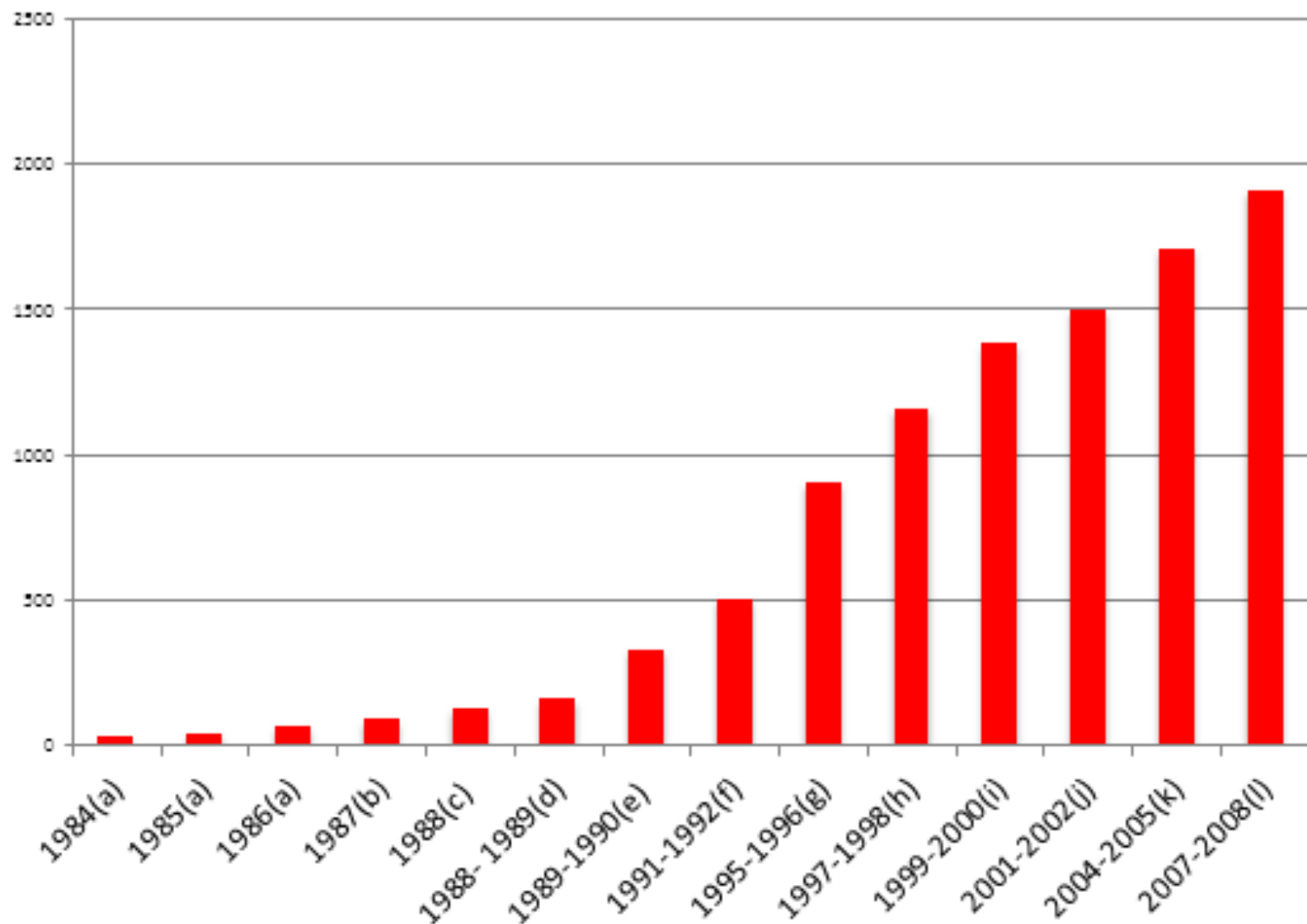
Project ECHO[®]

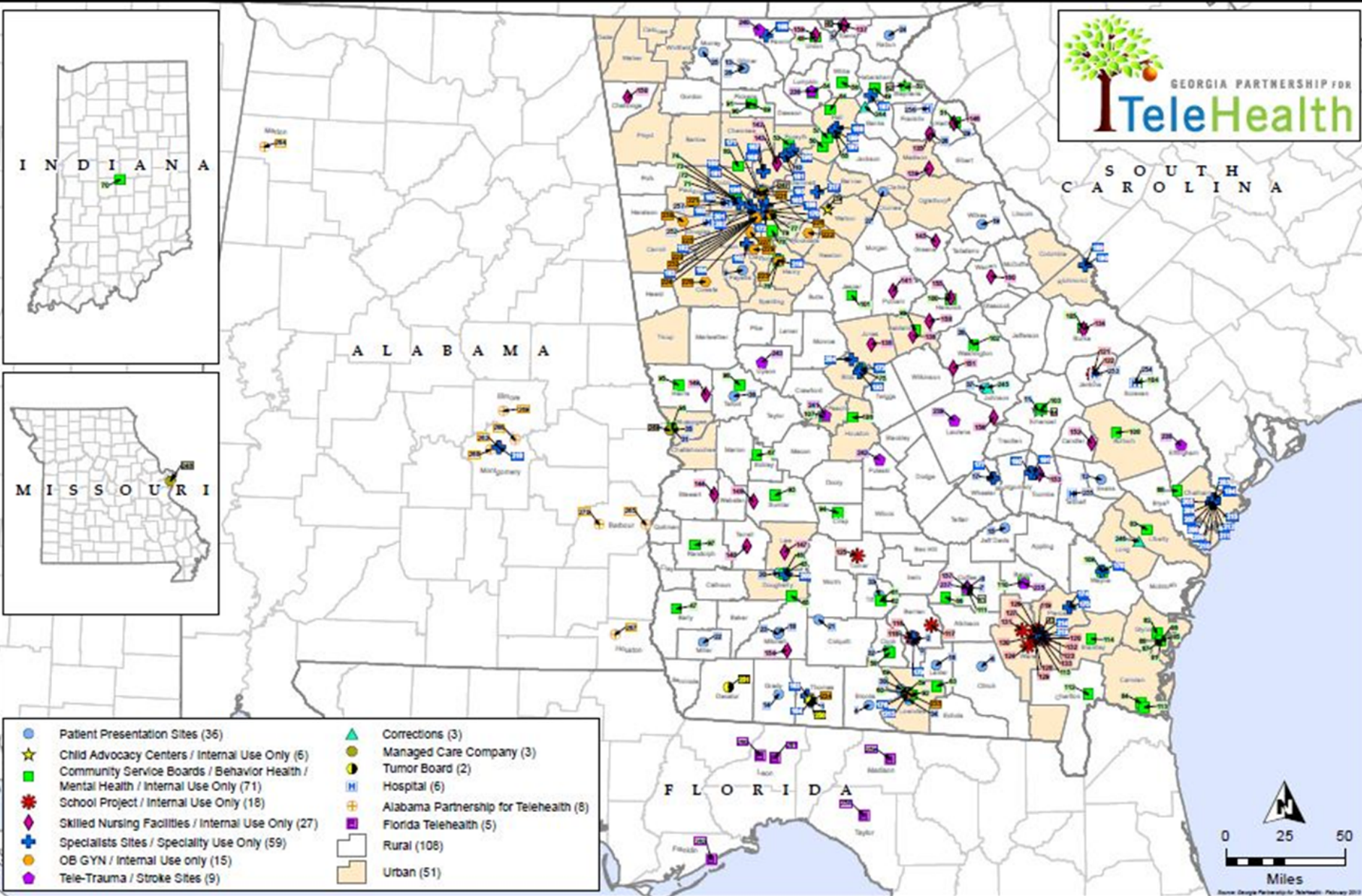
- Technology
- Disease management model
- Case-based learning
- Web-based database

STRATEGIES IN PLAY

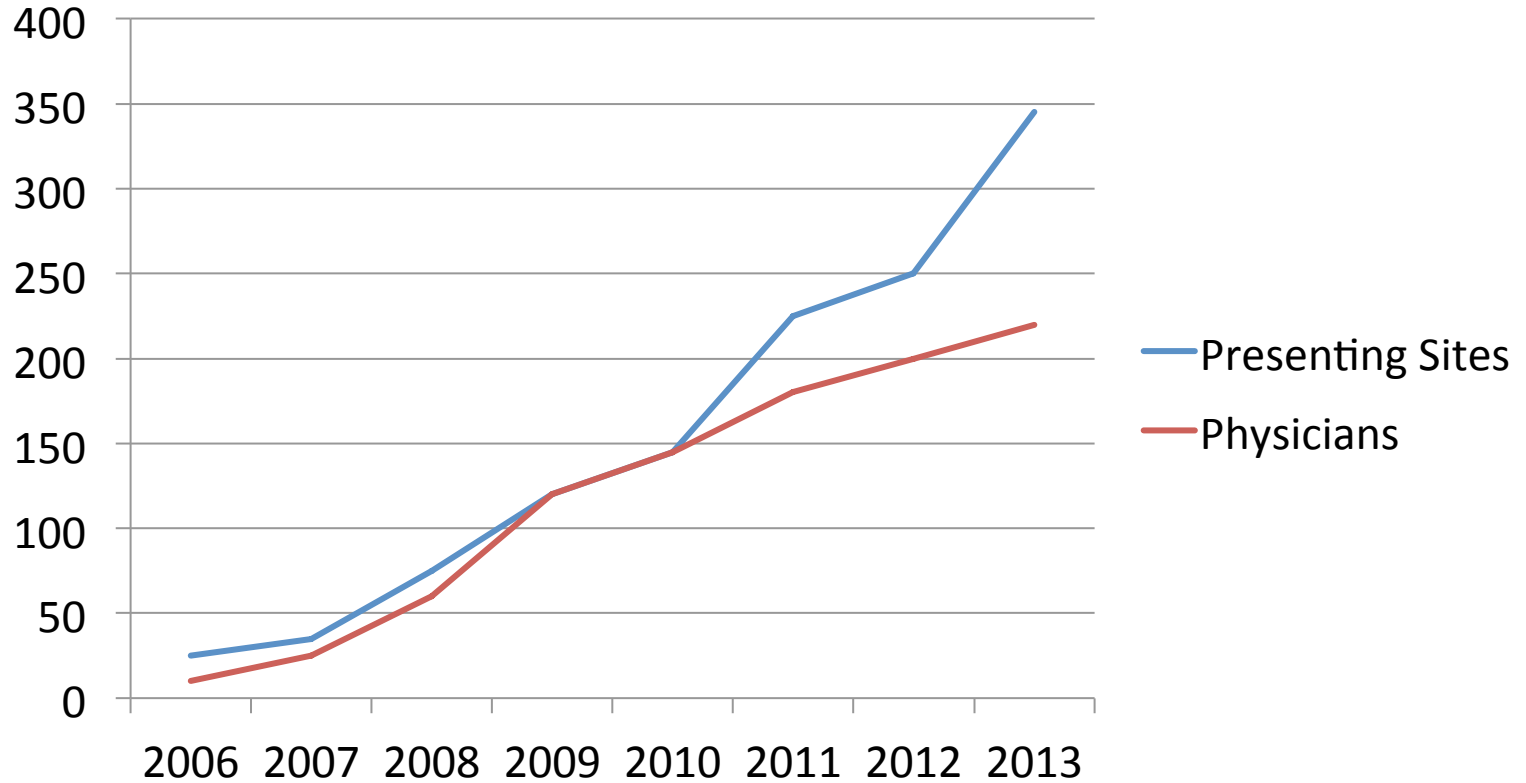


School-Based Health Center Growth in the U.S.



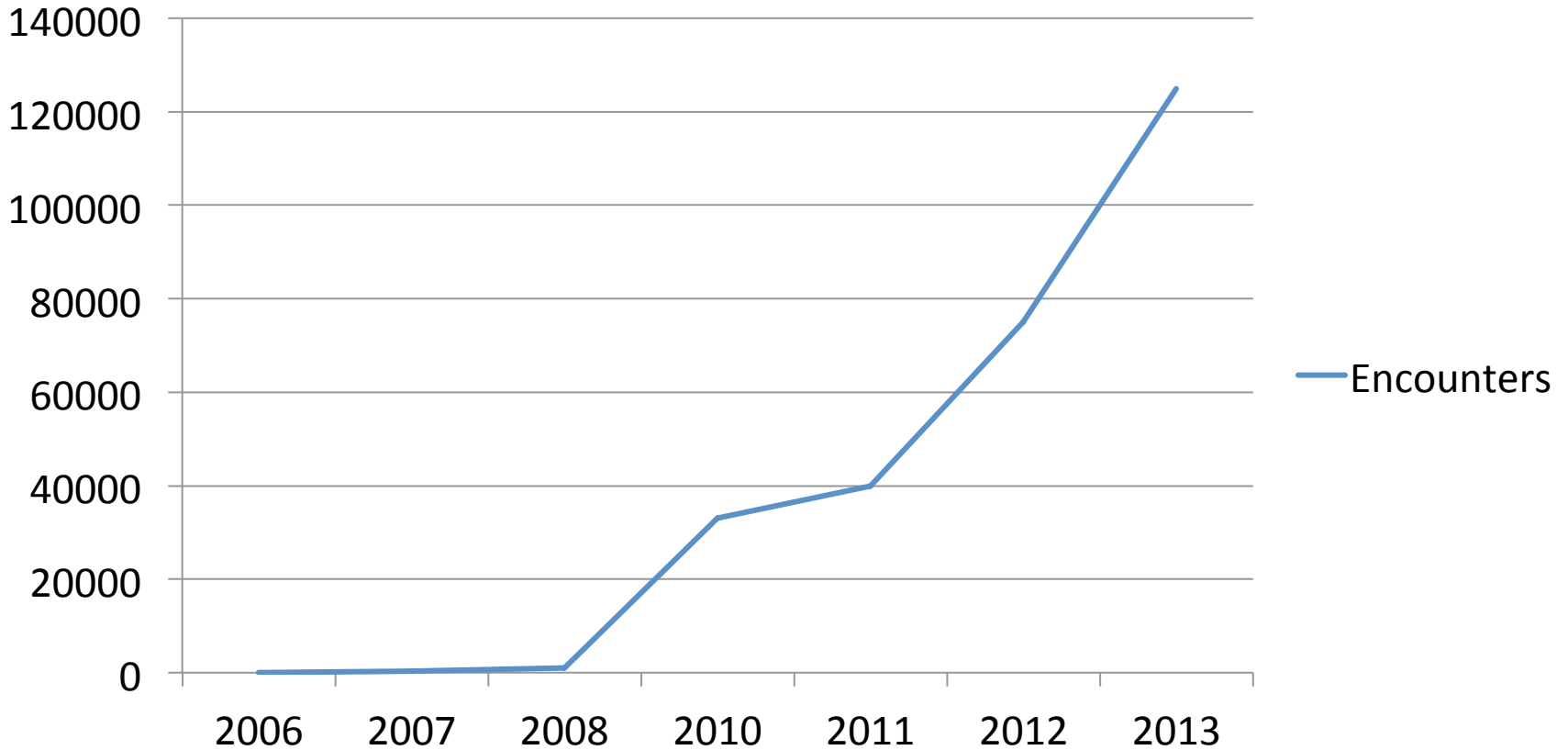


2013 NEW PARTNERS



UTILIZATION

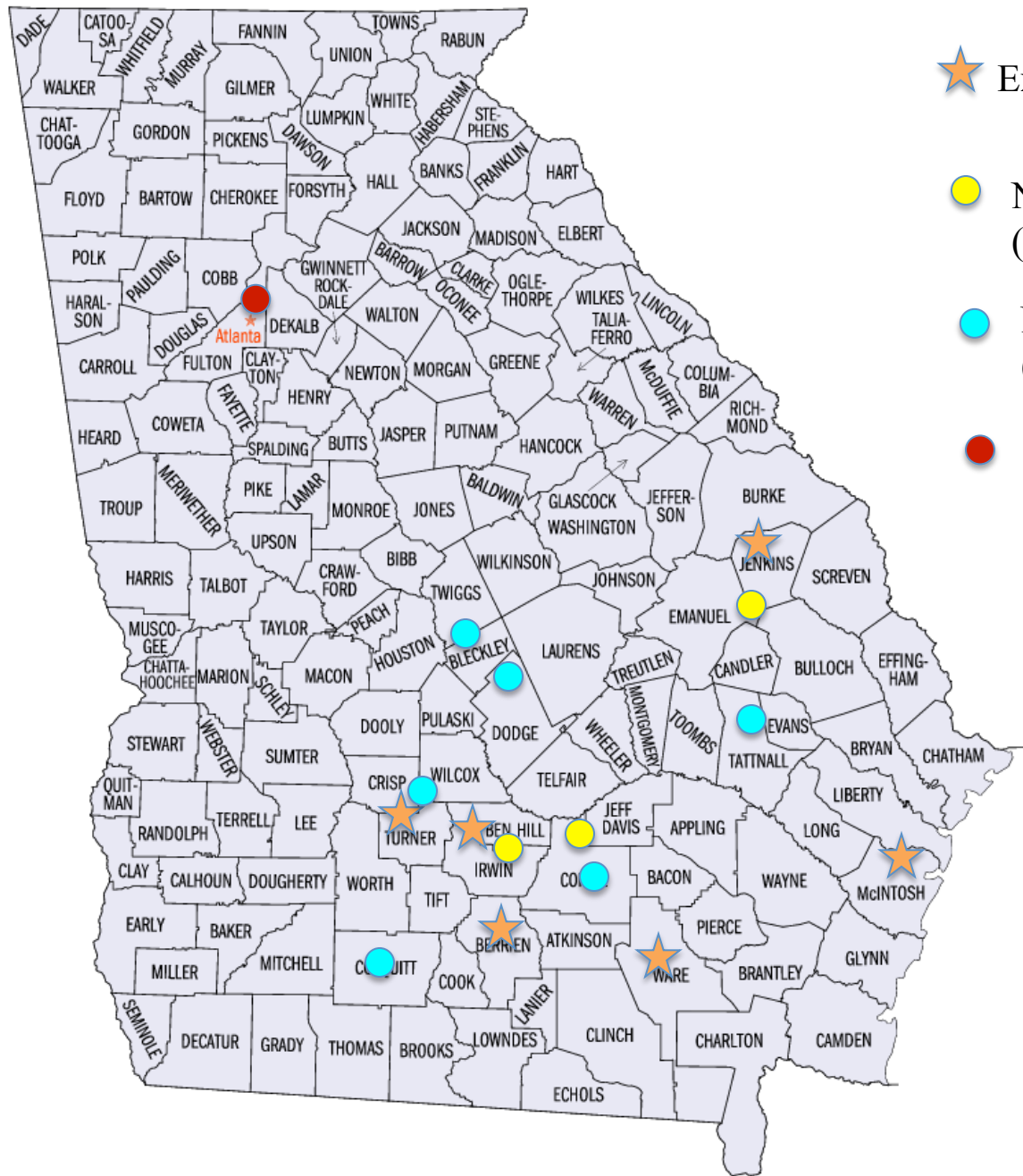
Encounters



On track for over 130,000 encounters in 2013

School-Based TeleHealth Centers

- 51 School Sites by end of 2014 term



★ Existing SBTCs

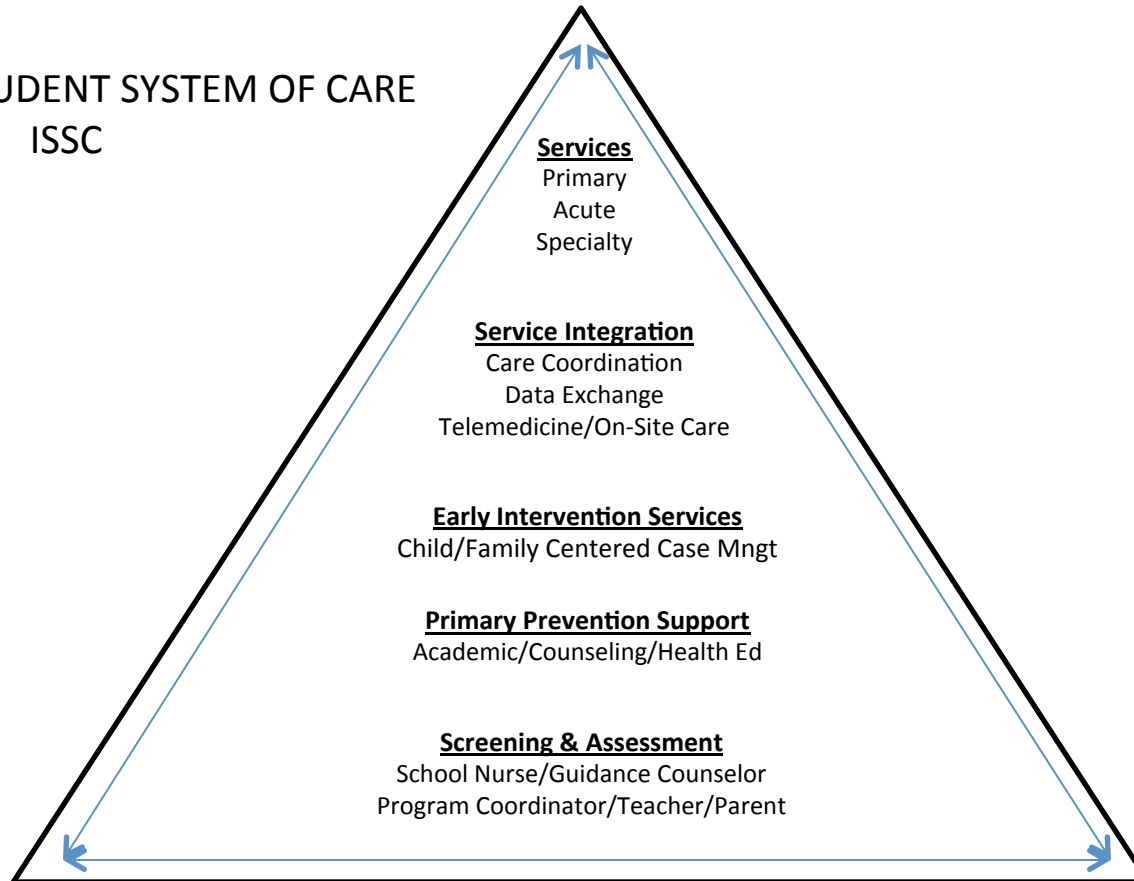
● New SBTCs (SORH)

● New SBTCs (HRSA)

● Metro Atlanta SBTC

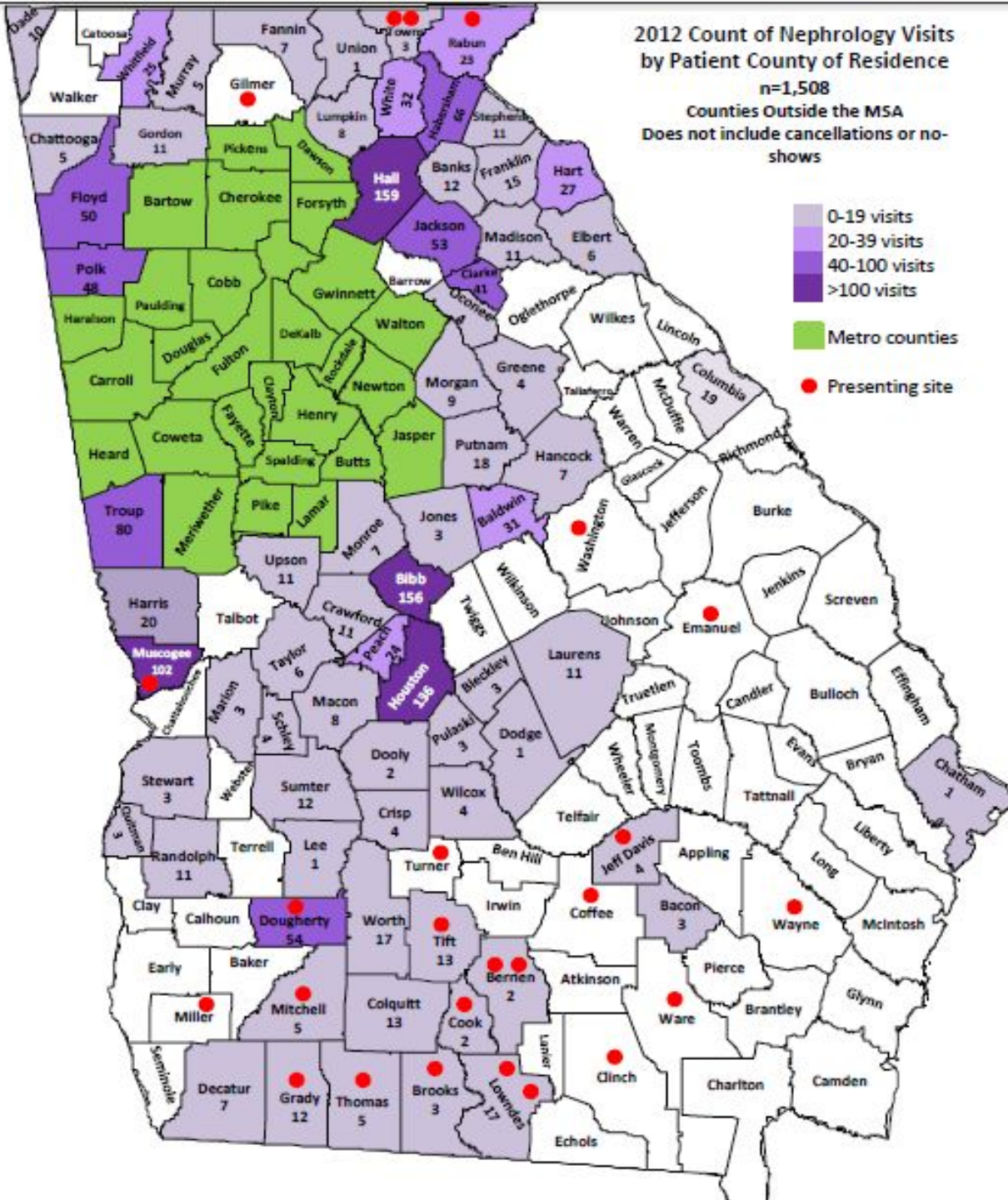
THE ISSC MODEL

INTEGRATED STUDENT SYSTEM OF CARE
ISSC

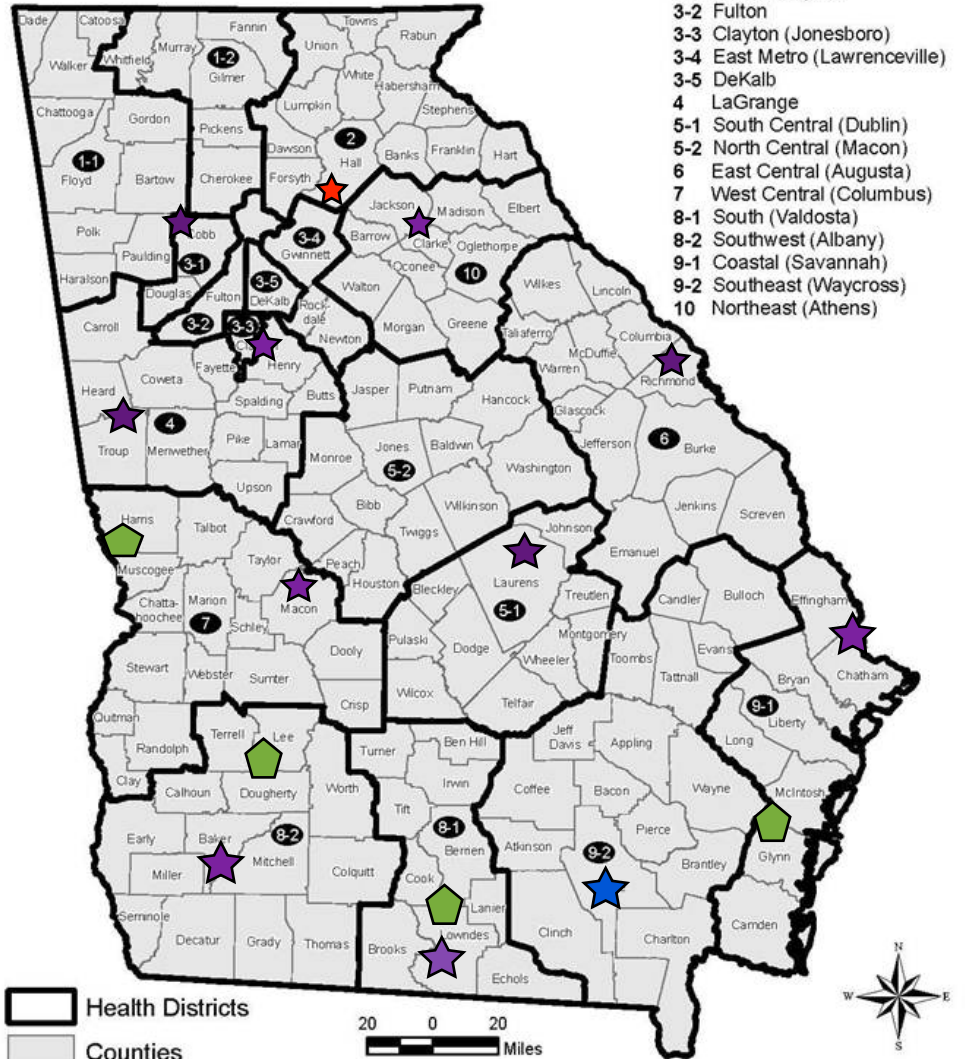


- GPT's Integrated Student System of Care (ISSC) model is an integrated framework for clinic and non-clinical services. ISSC promotes a healthcare ecosystem through the implementation of a telemedicine program(s).
- ISSC provides a broad array of service integration, continuity of care, and data exchange strategies that include, but are not limited to: family-centered case management services; adult/child health and wellness education services; and clinical health services.

Nephrology



GEORGIA Public Health Districts



- 1-1 Northwest (Rome)
- 1-2 North Georgia (Dalton)
- 2 North (Gainesville)
- 3-1 Cobb-Douglas
- 3-2 Fulton
- 3-3 Clayton (Jonesboro)
- 3-4 East Metro (Lawrenceville)
- 3-5 DeKalb
- 4 LaGrange
- 5-1 South Central (Dublin)
- 5-2 North Central (Macon)
- 6 East Central (Augusta)
- 7 West Central (Columbus)
- 8-1 South (Valdosta)
- 8-2 Southwest (Albany)
- 9-1 Coastal (Savannah)
- 9-2 Southeast (Waycross)
- 10 Northeast (Athens)

Health Districts
 Counties

20 0 20
Miles



DPH Update – 14 Sites (Phase 1)

Current DPH Sites:



Albany DPH

Glynn DPH

Valdosta DPH

Columbus Health District

December Deployments:



Hall County Health Dept

**Still on our list for cart
deployments include:**



Dublin: Sickle Cell / Genetics

Augusta: Family Planning / SHAPP/
Babies Can't Wait (TBD)

Clayton: HIV

Macon: TBD

Athens: (TBD)

Cobb: HIV (TBD)

Gwinnett/Newton/Rockdale (TBD)

LaGrange (TBD)

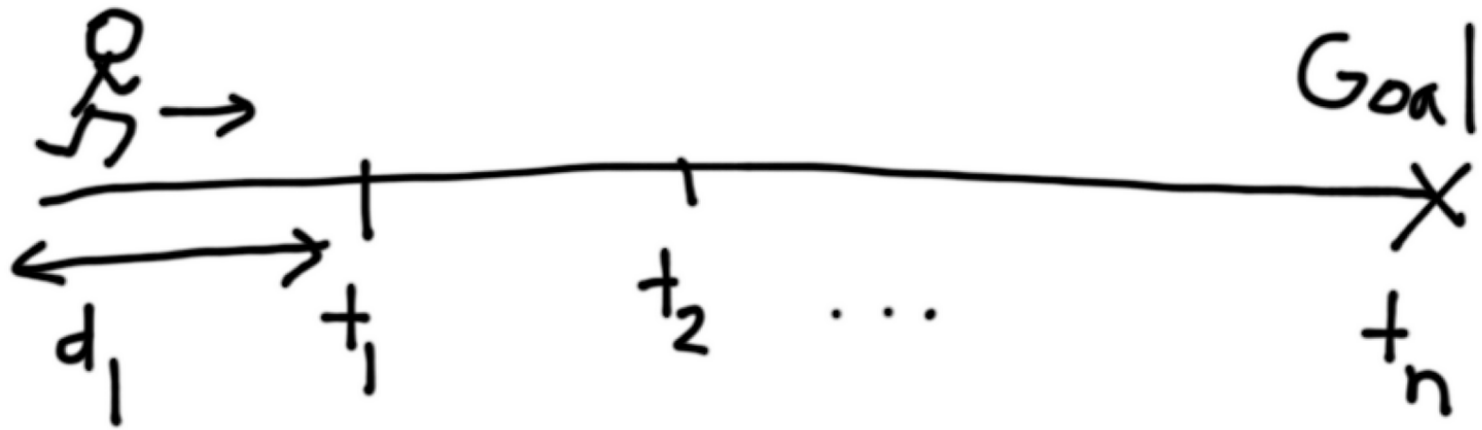


PATIENT CENTER MEDICAL HOME
Telemedicine Program
PCP + BH + SS

GEORGIA HEALTH INFORMATION EXCHANGE



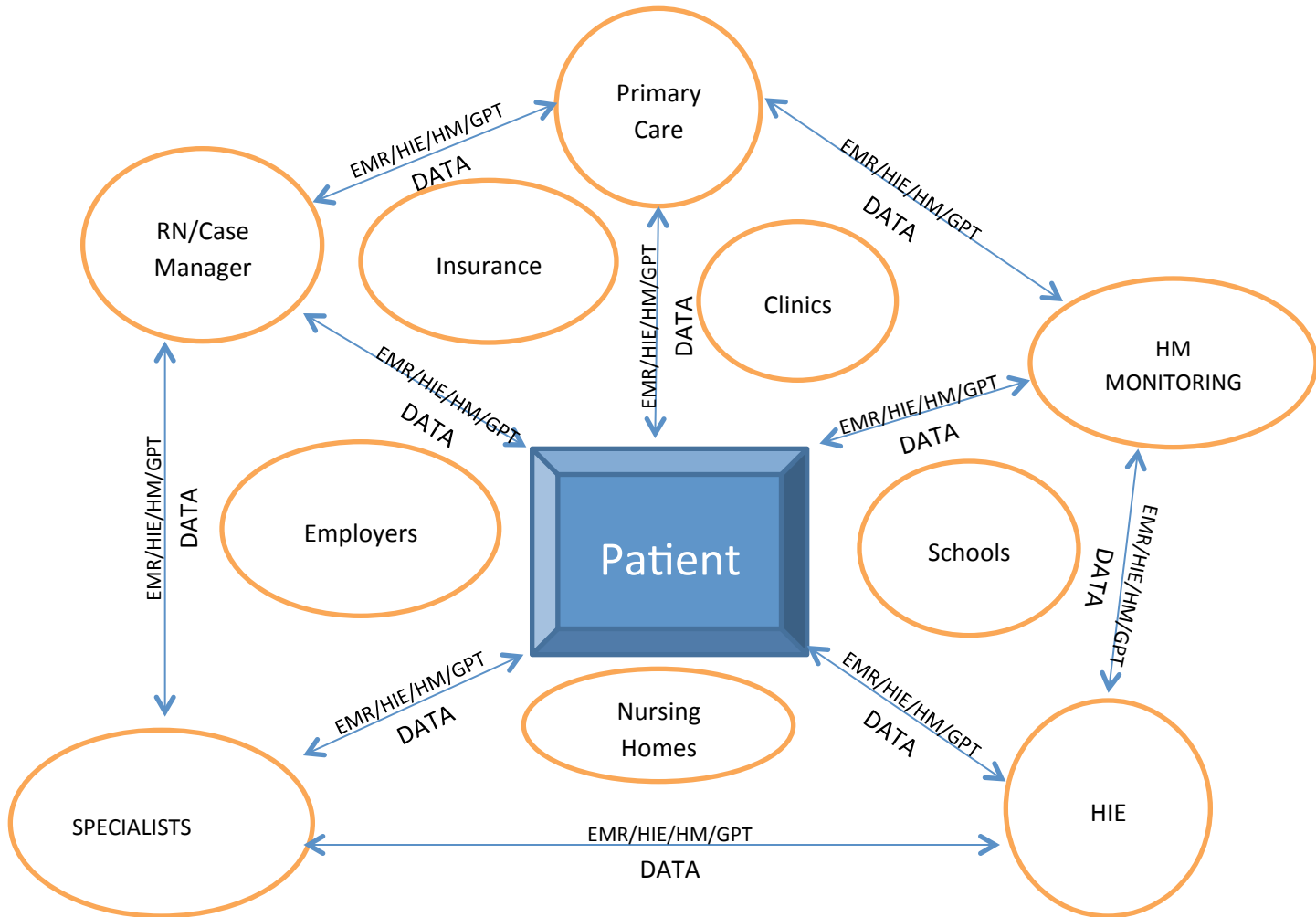
HEALTH VILOSITY ALGORYTHMS



$$\vec{v}_1 = \frac{d_1}{t_1}$$

GEORGIA PARTNERSHIP FOR TELEHEALTH

PATIENT CENTERED MEDICAL HOME



Current State



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)

Where do we go from here...



2050: 9 billion people



TELEMEDICINA



Modeling to Implementation



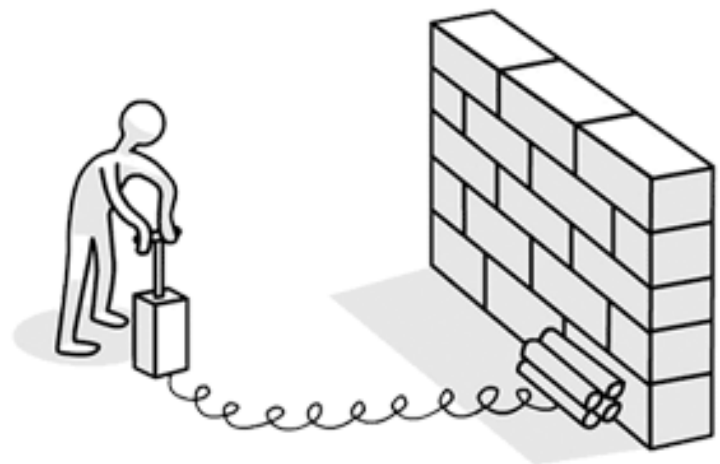
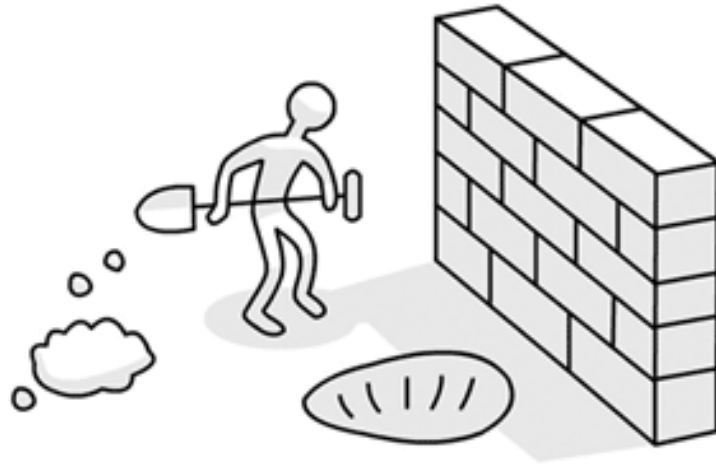
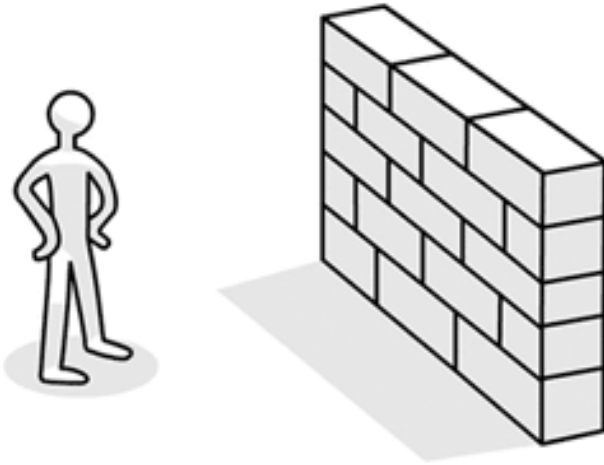
GLASS

Google Glass



ME 😊

HOW DO WE MAKE IT?



Work-Flow Challenge



Egypt Divided / Pot's Big Moment / Best of 2012 Movies, Music, Books & More

TIME

Want to Know My Future?



New genetic tests can point to risks — but not always a cure

BY BONNIE ROCHMAN

SBTC MATRIX

TIME + TALENT + RESOURCES

	Equipment	Support/Training	Utilization	Volume to Value	Outcomes to Quality	Marketing
Kids/Parents	X					
Staff/Faculty		X		X	X	
Community						X
Partners		X	X		X	
Resources	X					



**I AM
YOUR FUTURE**



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Executive Director
matt.jansen@gatelehealth.org