

Research-informed health care reform:

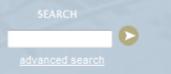
turning data into information to guide policy and improve health outcomes

Bob Phillips, MD MSPH Andrew Bazemore, MD MPH

Robert Graham Center

- Health Services and Policy Research Center in Washington, DC
- American Academy of Family Physicians
- Editorial independence
- research and analysis to inform
 - the Academy in its public policy work
 - provide a family medicine perspective to policy deliberations in Washington

Policy Studies in Family Medicine and Primary Care



ABOUT US

PUBLICATIONS

TOOLS & RESOURCES

ONE-PAGERS

VISITING SCHOLARS

NEWS RELEASES

tools & resources



MED SCHOOL MAPPER

Visualize, map data, and create reports on the community and national impact of any U.S. medical school.

MORE INFORMATION [2]



UDS Mapper

Explore existing federally-qualified health center service areas, where gaps in the safety net might exist, and which neighborhoods or regions might hold the highest priorities for health center expansion.

MORE INFORMATION [2]





Discover how much Graduate Medical Education (GME) funding your hospital receives from Medicare for each resident. Compare across years and to other hospitals.

MORE INFORMATION [2]



HealthLandscape

Explore our health data, upload your own, make and print customizable maps that tell stories important to

Access Reports

Learn about the challenges facing America's safety net in a series of reports by the Graham Center and the National Association of Community Health Centers:

Access Denied: A look at America's medically disenfranchised

Access Granted: The primary care payoff





ACCESS TRANSFOR





THE ROBERT GRAHAM CENTER exists to...

Improve individual and population health by enhancing the delivery of primary care.

The Center aims to achieve this vision through the generation or synthesis of evidence that brings a family medicine and primary care perspective to health policy deliberations from the local to international levels.

THEMES

Guiding the work of the Robert Graham Center

WHAT'S NEW

- Increasing Graduate Medical Education (GME) in Critical Access Hospitals (CAH) could enhance physician recruitment and retention in rural America (01/01/2012) (Articles)
- Rewarding family medicine while penalizing comprehensiveness? Primary care payment incentives and health reform: the Patient Protection and Affordable Care Act (PPACA) (11/01/2011) (Articles)
- What services do family physicians provide in a time of primary care transition? (11/01/2011) (Articles)
- Refocusing Geriatricians' Role in Training to Improve Care for Older Adults (01/01/2012) (One-Pagers)
- Where the United States Falls Down and How We Might Stand Up (11/01/2011) (Editorials)

DIRECTOR'S CORNER

Slightly less than a year ago, the Robert Graham Center hosted the











Evidence Not Always Welcome

"Reason is six-sevenths of Treason"

James Thurber

APHCRI Partnerships

- APHCRI origins: Graham Center one model
- 5 year fellow exchange that led to build of web-based data and mapping platform
 - \$2.6 million investment to build platform for research, informing Medicare Locals, and informing policy
- APCHRI = good partner for Australia's academic community to translate research into policy







OBERT MAHAF NTER

cy Studies

ARTICLE

The Australian Experiment: How Primary Health Care Organizations Supported the Evolution of a Primary Health Care System

Caroline Nicholson, MBA, GAICD, GradDipPhty

Claire L. Jackson, MD, MBBS, MPH, FRACGP, John E. Marley, MD, MBChB, FRACGP Primary health care in Australia has undergone 2 decades of change. Starting with a vision for a national health started and the started and t and Robert Wells, BA

tional health strategy with general practice at its core, Australia established local meso-level primary health care organizations—Divisions of General Practice—moving from focus on individual practice—states to a content of the co The article identifies how these meso-level organizations have helped the Australian primary health

aruce menunes now mese meso-rever organizations have nerped me Australian printary neatmer system evolve by supporting the roll-out of initiatives including national practice accreditation, a former or gradity improvement evolution of multidisciplinary teams into general practice. focus on quality improvement, expansion of multidisciplinary teams into general practice, there are specifical information technology adoption and improved accept to some Newtonian technology adoption and improved accept to some Newtonian technology adoption. ners to a professional collective local voice. gration, information technology adoption, and improved access to care. Nevertheless, there are still shallonges to opensing equitable access and the smooth and distribution of a paimage contraction of the same contraction grauon, mnormanon recunously anopuon, and improved access to care, nevertheless, mere are sun challenges to ensuring equitable access and the supply and distribution of a primary care Workforce, addressing the improved access and the supply and observe and opposing the improved access and the supply access and the improved access and the supply access and the improved access and the improved access and the supply access and the improved access access and the improved access access access and the improved channels to ensuring equitable access and the supply and unsurbution of a primary care worklored addressing the increasing rates of chronic disease and obesity, and overcoming the fragmentation of freeding and accountability in the Australian arctime (LAm Board Fam Med 2012.25.618...) audicesting the increasing rates of curonic disease and obesity, and overcoming the magnetial funding and accountability in the Australian system. (J Am Board Fam Med 2012;25:S18–26.)

Keywords: Australia, Health Care Reform, Primary Health Care



Patient Protection and Affordable Care Act

- Will Insure more people ~ 30-32 million (?)
- Prioritize primary health care
 - Expand community health center capacity
 - Primary care incentive payments
 - Accountable Care Organizations and Patient
 Centered Medical Home
 - Practice change facilitation



18,000 deaths annually due to uninsurance—IOM, 2004

5.4% - 11.1%

11.3% - 13.2%

13.6% - 16.2%

16.6% - 25.2%

1 in 3
nonelderly
people were
uninsured
sometime in
the last year

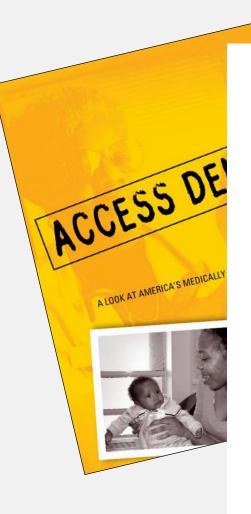
87 million people

Health Insurance Coverage of the Total Population, states (2007-2008), U.S. (2008): Uninsured



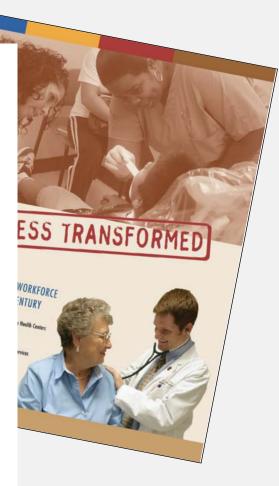
Increase Access to Primary Care

- Double Capacity of Community Health Centers
 - Currently serve ~20 million
 - Goal of 40 million by 2015
- Increase National Health Service Corps
 - More than doubles the investment
 - Loan repayment for service
 - Locates them in underserved areas



Primary Care Extension Program Conference Report The Robert Graham Center

February 25, 2010





AAFP Center for Policy Studies

Primary Care Incentive Payments

\$560 Million in 2011

- •Graham Center research = most rural physicians not eligible, broader scope
- •Regulation fix helped (\$100MM) but it is still broken

What if we used the Definition of Primary Care for Incentives?

Primary Care Definition Elements	How to measure and use for payment		
first contact care	Family medicine, general internal medicine, general pediatrics and geriatrics (claims-based or NPI)		
continuity of care	Patients who see this physician/clinic get the plurality of their care there (claims-based)		
comprehensive care	Breadth and depth of ICD-9 codes used by physicians in Medicare claims		
coordinated care	Patients who see more than 3 physicians are seen by a PCP or PC practice at least every 6 months		
Bridges personal, family, and community	Undetermined		

Better Way of assigning Primary Care Incentive Payments?

	Percent of Physicians Meeting Threshold						
	Comprehensive		All				
	ness	Continuity	Coordination	Criteria			
Non-Hospitalist							
PC							
FP	92%	92%	91%	80%			
GIM	86%	93%	93%	77%			
Geriatrics	94%	100%	95%	88%			
Rural							
FP	95%	88%	93%	81%			
GIM	94%	90%	94%	81%			
Geriatrics	61%	100%	100%	61%			

ACOs and Patient Centered Medical Homes

 An ACO is "a set of physicians and hospitals that accept joint responsibility for the quality of care and the cost

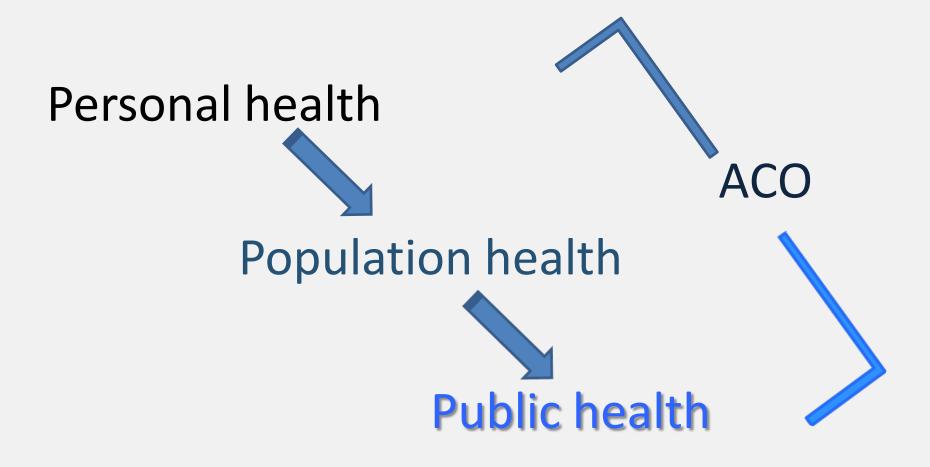
medical homes are building blocks of effective accountable care organizations

understanding with each beneficiary that it is the patient's medical home"

MedPAC regards medical homes as building blocks of effective ACOs

Medicare Payment Advisory Committee (MedPAC). *Accountable Care Organizations*. http://medpac.gov/chapters/Jun09 Ch02.pdf. July 10, 2009.

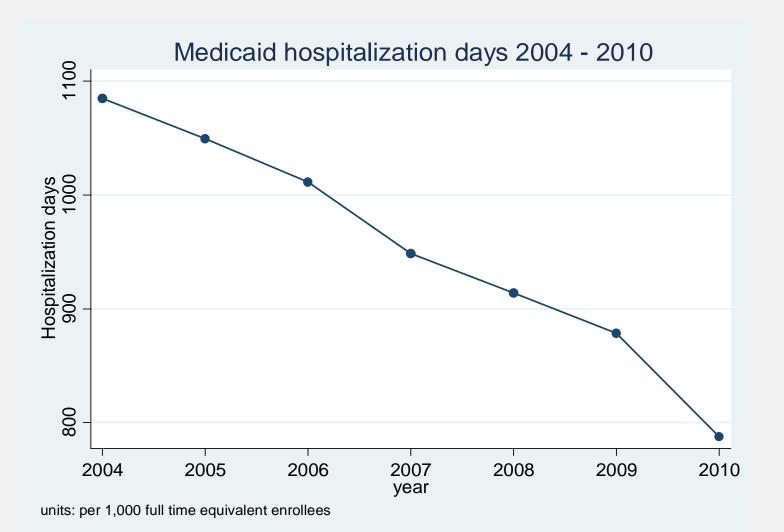
Your Medicare Locals could be ACOs (with better grasp of who they serve)



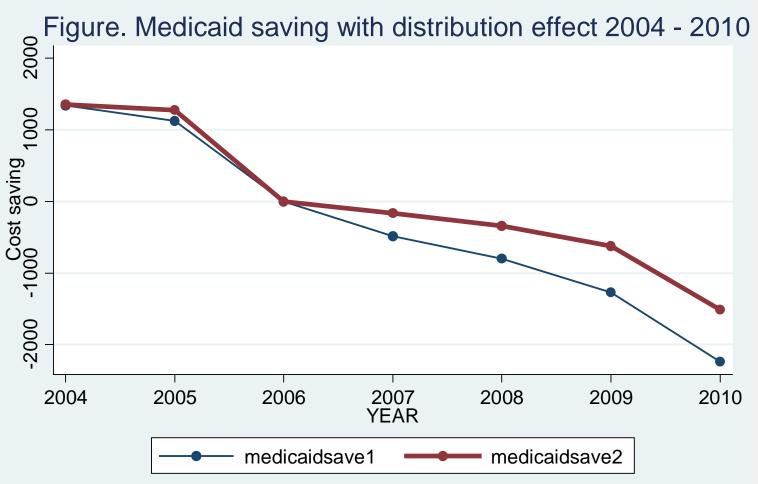
Illinois Medicaid Medical Home Experiment

- Insurance program for uninsured, low income families
- Mostly women and children
- Medical Home launch 2005/2006
 - Weak ACO features
- 2.6 million beneficiaries
- Graham Center evaluation funded by the Commonwealth Fund

Reduced Hospitalizations



Bending the Cost Curve

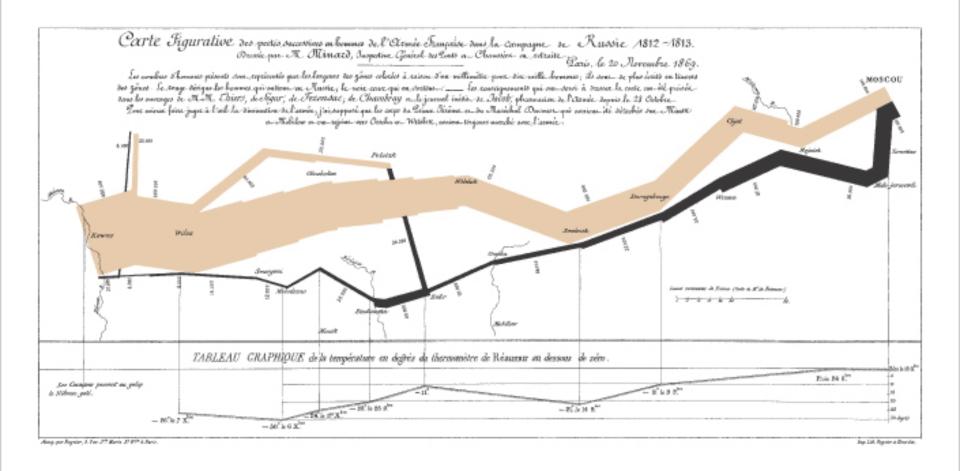


medicaidsave1: medicaid saving using 2006 enrollee distribution medicaidsave2: medicaid saving using current year enrollee distribution unit: \$1,000,000

ACO impact on quality

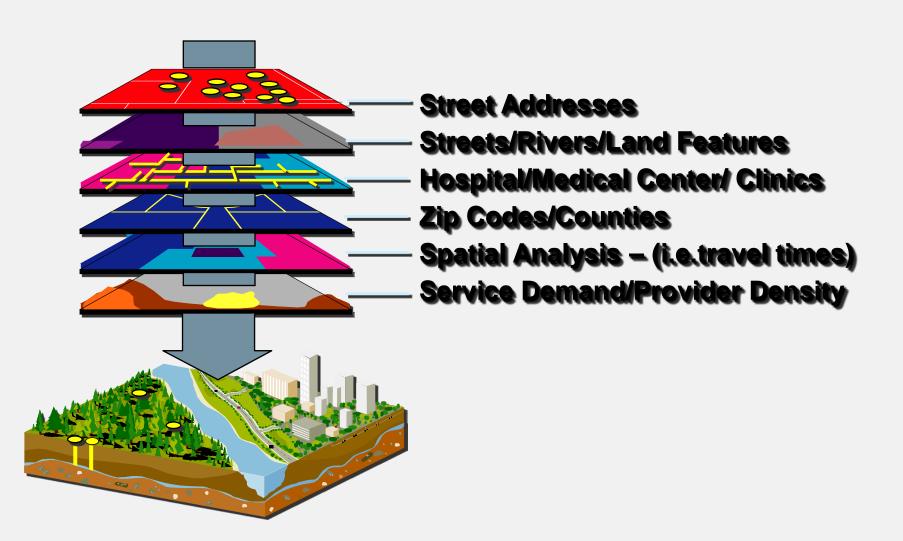
- Necessary focus on primary care and outpatient disease/complex care management
- Designing programs to meet patients where they are, make access and behavior change easier, facilitate continuous relationships
- Continuous feedback
 - to system, clinics, providers
 - Encourage curiosity, innovation, plan-do-study-act cycles
 - System resources for testing solutions (failure is ok)
- Move to population focus but translate to personal health
- Develop relationships with public health to solve problems that affect health

Data and Mapping Tools (the cool stuff)

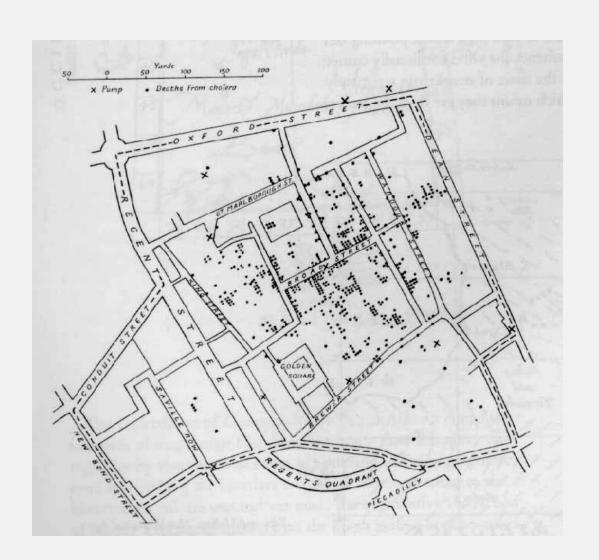


Data Visualization as effective Communication

Geographic Information Systems



The Broad Street Pump

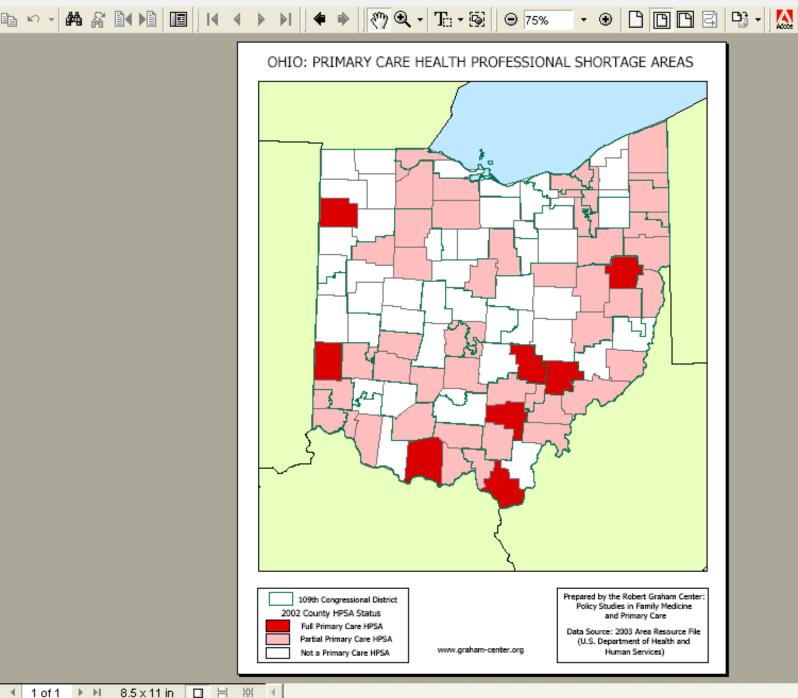


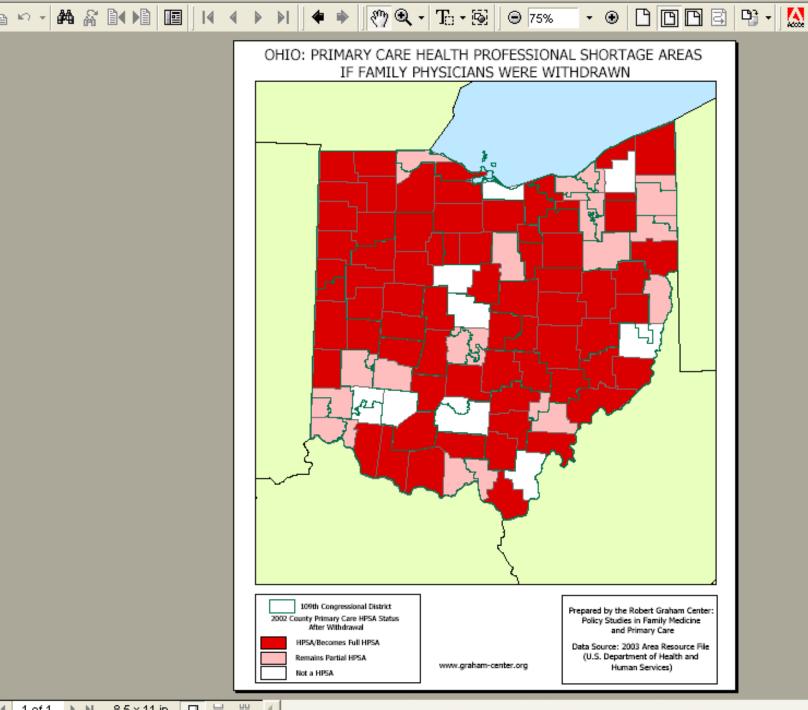


Primary Health Care in the Community Context Community Oriented Primary Care

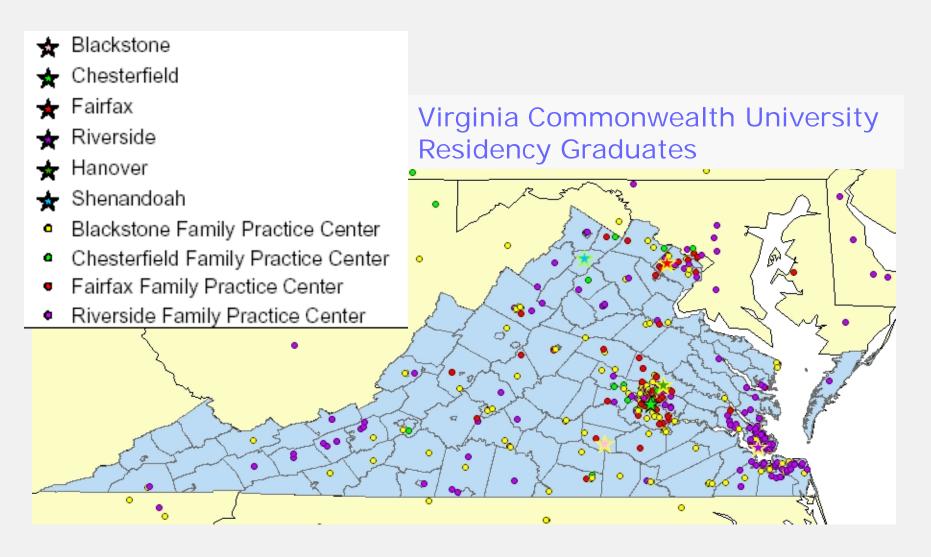
Drs. Sidney and Emily Kark early 1940s

Developed COPC into a model of community engagement for improving health South Africa, Australia, Israel....the US

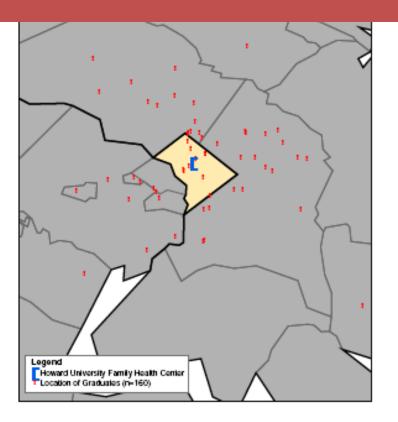


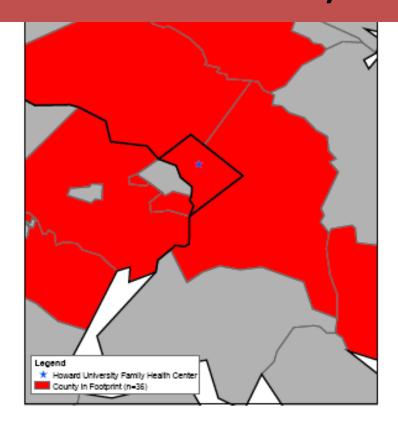


Residency Footprint



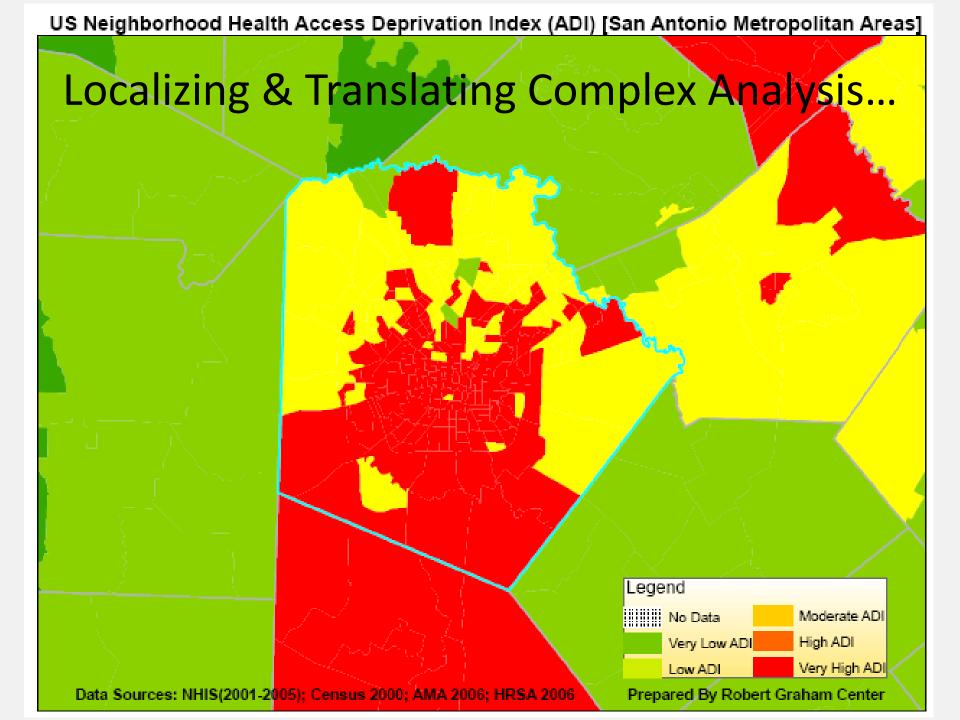
"Footprinting" Training Sites – Residency & Medical School Social Accountability



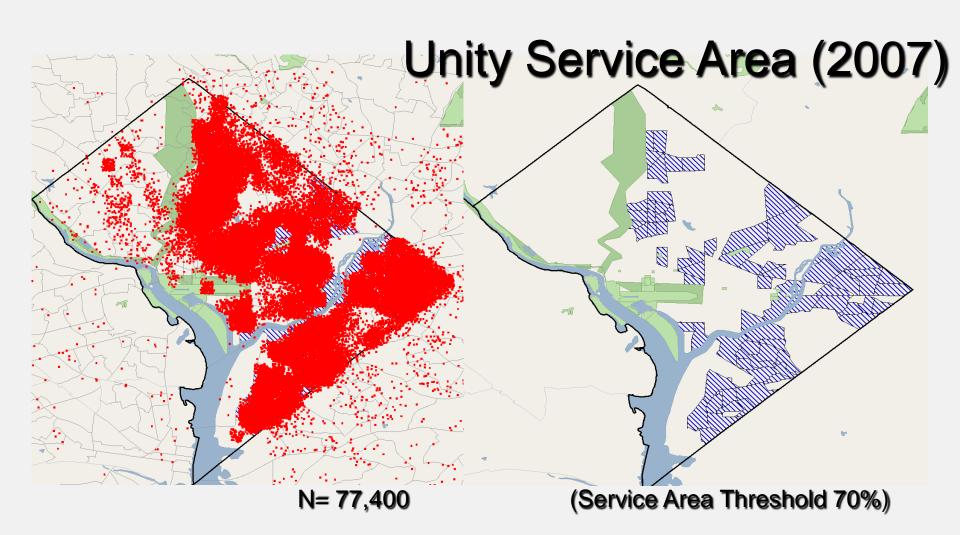


Graduate Practice Characteristics: 160 Graduates

Practicing in District of Columbia	in	Practicing in District of	in Rural	Graduates Practicing in Rural District of Columbia
17 (11%)	41 (26%)	11 (7%)	9 (6%)	0 (0%)



Why should we support you? So many of your patients come from outside of DC" (Washington DC City Council)

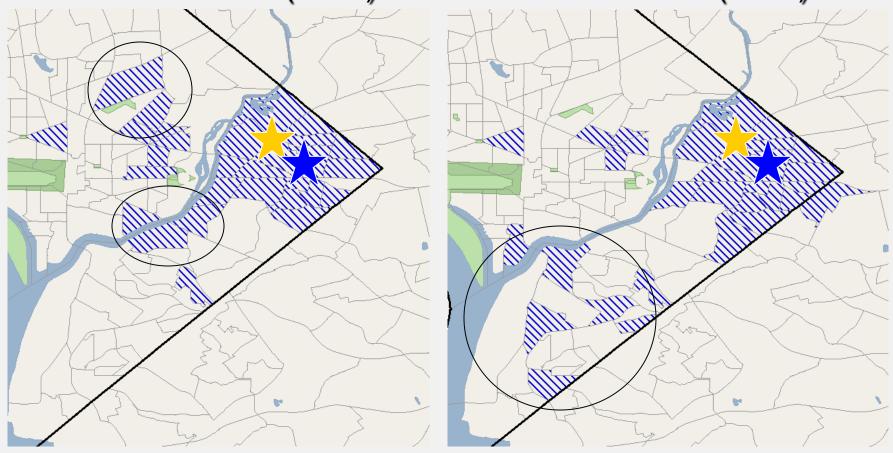


"Why have 2 sites in the same neighborhood?"

(Washington DC City Council)

Hunt Place HC
Service Area (2006)

East of the River HC Service Area (2006)



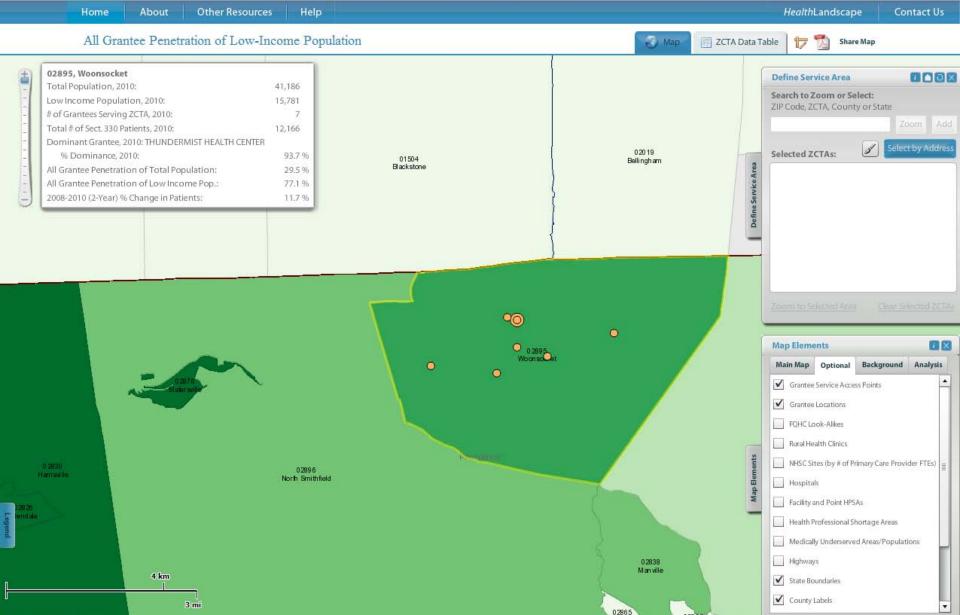
Mapping the U.S. Primary Care'Safety Net'

UDS Mapper About Other Resources Help *Health*Landscape Contact Us All Grantee Penetration of Low-Income Population 0000 **Target: Federal** Agency, State Planners, Community **Health Center** Grantee Welcome to the UDS Mapper Getting Started... Can instantly Please visit one of the following: Webinars, Tutorials, FAQs, Data Info, Glossary, Knowledge Base, Contact Us or proceed below to zoom to a state, county, visualize any city, or ZIP Code of interest. 1 Select geography from the dropdown menu geography in woonsocket Main Map Optional Background Analysis **United States** Woonsocket, Rhode Island Woonsocket, South Dakota Township of Woonsocket, administrative division Woonsocket Hill, mountain, Rhode Island Woonsocket House, building, Rhode Island

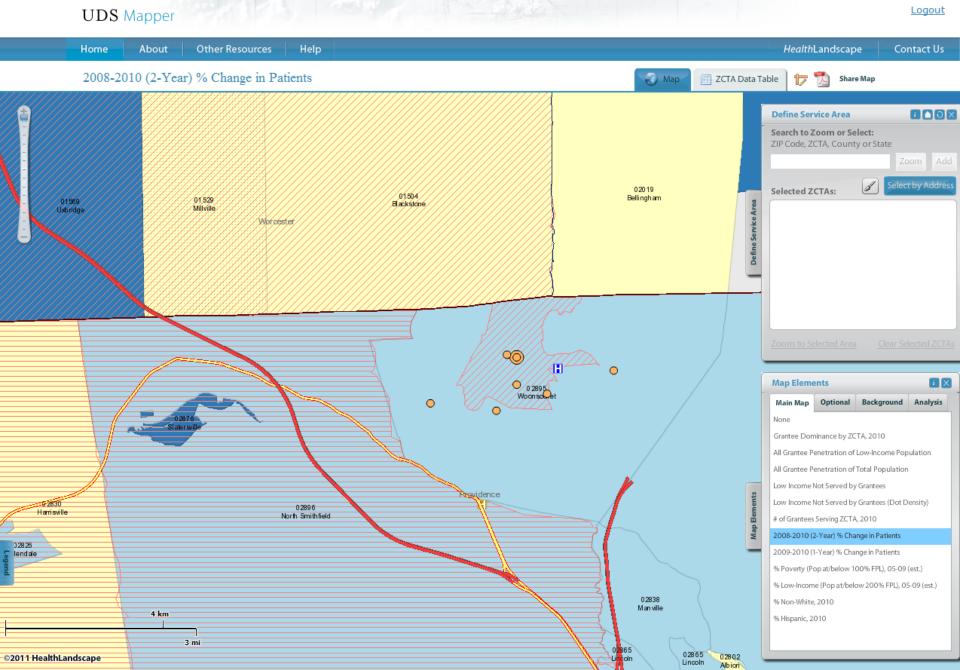
2011 HealthLandscape

Exploring Safety Net Gaps and Overlap at

the Small Area Level

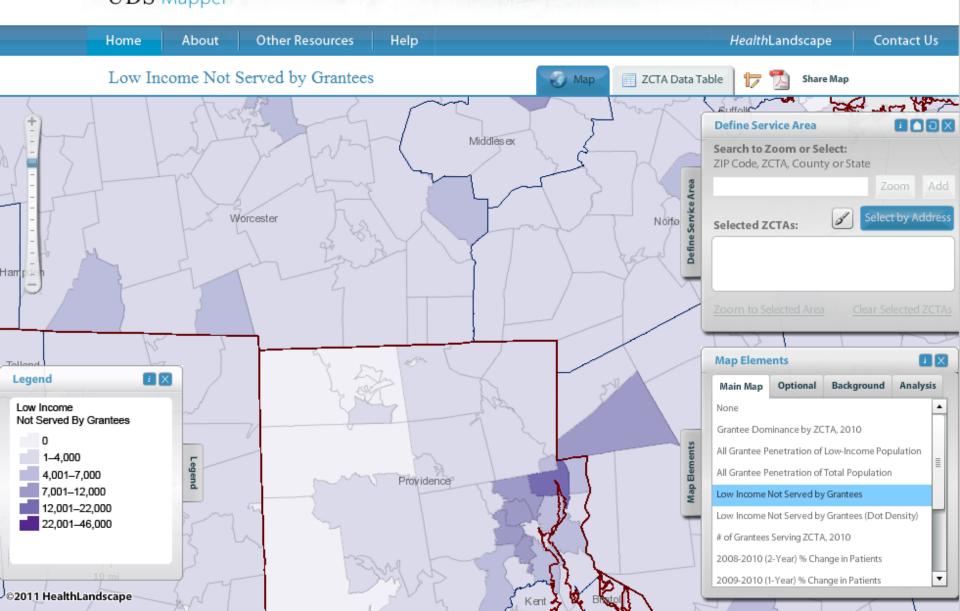


How has service changed over 2-Years?

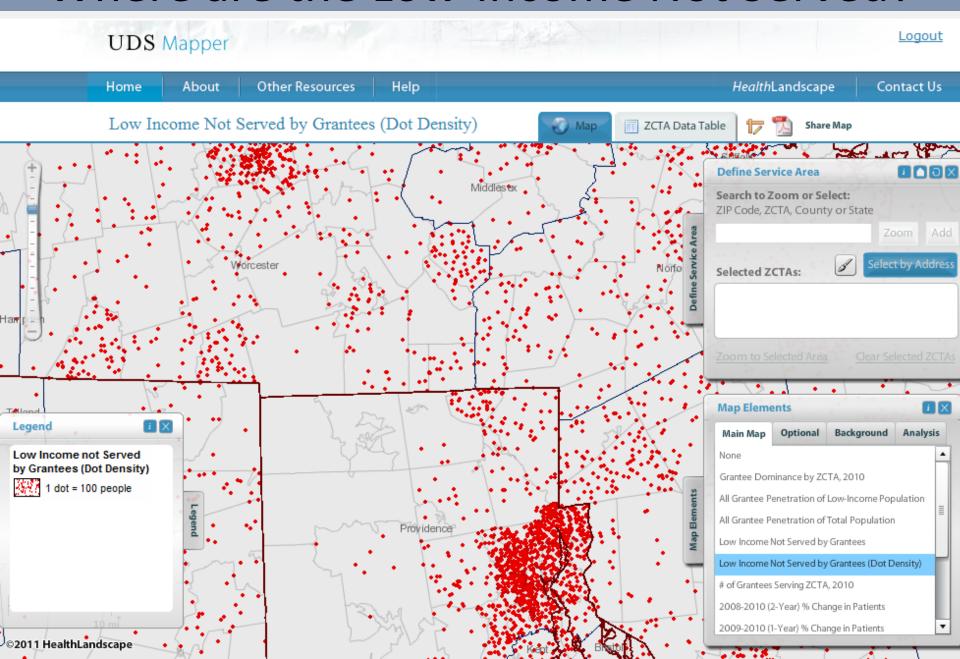


What % of Low-Income population remains unserved?

Logout



Where are the Low-Income Not Served?



Also permits export and sharing of maps, data by

Logout

Save to Exce

UDS Mapper user

About Other Resources Help **HealthLandscape** Contact Us × Map Map ZCTA Data Tabl Share Map # of Dominant Grantee % Dominance, 2010 Total Total # Sect. Unserved (by Penetrat Population of Lov Summar. 89,519 22,2... 14,239 7,967 64.12% 4.5. 1,6... 12... 25... 13.... 8.71% **Analysis Results** Unserved (by 08-10 Patient 08-10 Patient 09-10 Patient Total # Sect. Total Penetration Unserved Low Income Penetration % Pop. in % Non-% Hispanic 330 Patients Population of Total Pop. Pop. 2010 of Low Grantees) Change (#) % Change % Change Poverty 2010 White 2010 2010 (by Income Pop 14,239 89,519 15.90% 75,280 22,206 64.12% 7.967 1.686 13,43% 4.52% 12.27% 25,41% 8.71% 13,66% Enter TOTAL patients to be served 5000 Enter TOTAL NEW patients to be served 2500 Enter NEW LOW INCOME patients to be served 2500 Label Value Description Total (Census) population for defined Target Area zips Service Area Total Population 89.519 Residents of defined Target Area counted as a patient of any FQHC grantee in 2010 Current (2010) FQHC Patients 14,239 Current FQHC Penetration Rate - Total Pop. 15.90% Percent of total target area population using an FQHC in 2010 Current Total Pop. Unserved by FQHC Prog. 75,280 Count of target area residents not using an FQHC in 2010 Total Pop Target for proposed site 2.500 Total New Patients to be served by proposed site Percent of Target Area residents not currently using an FQHC that will be users of FIP % FQHC Unserved Total Pop Targeted 3.32%

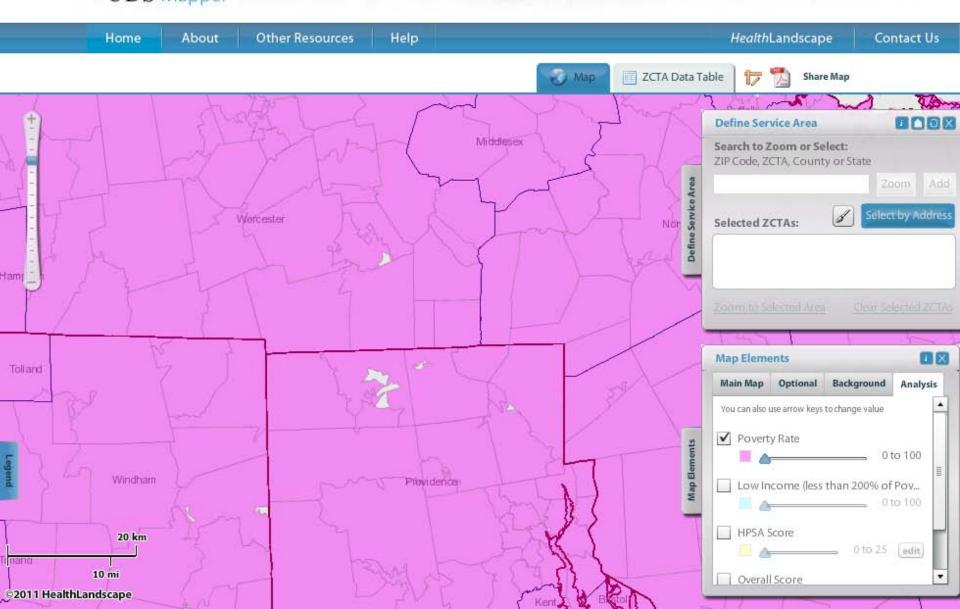
Allowing planner or potential grantee to model impact of new clinic

* Note: Low Income penetration and need assumes all current users to be low income - watch for grantees currently serving large population > 200% of poverty

Understanding Small Area Poverty Thresholds

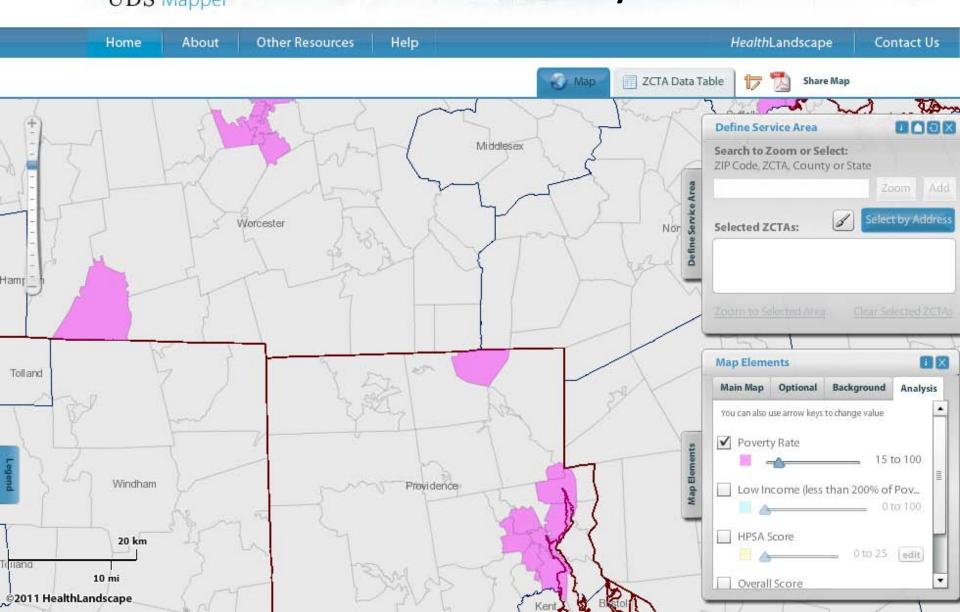
UDS Mapper

Logout

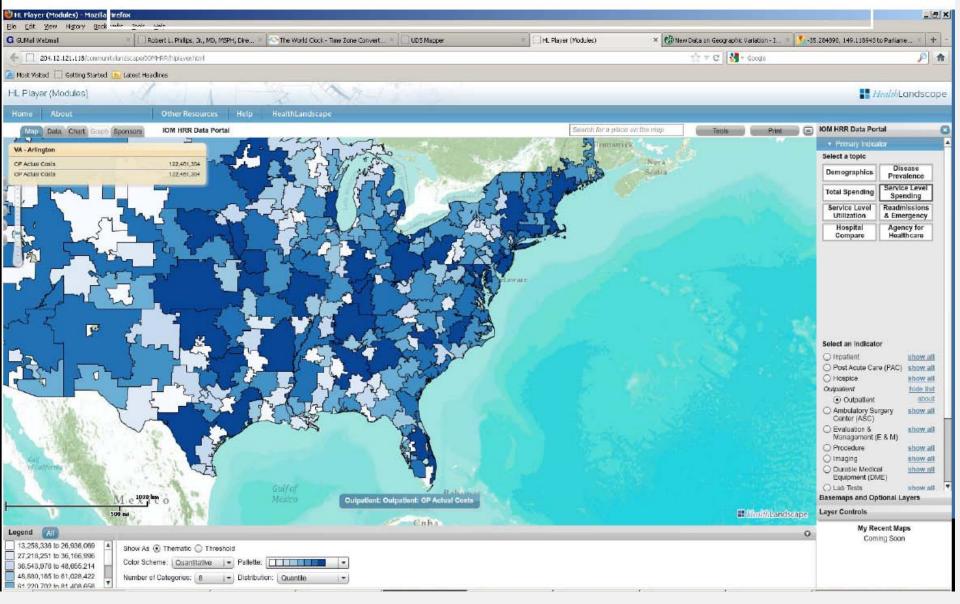


Areas where 15% of population lives below Poverty

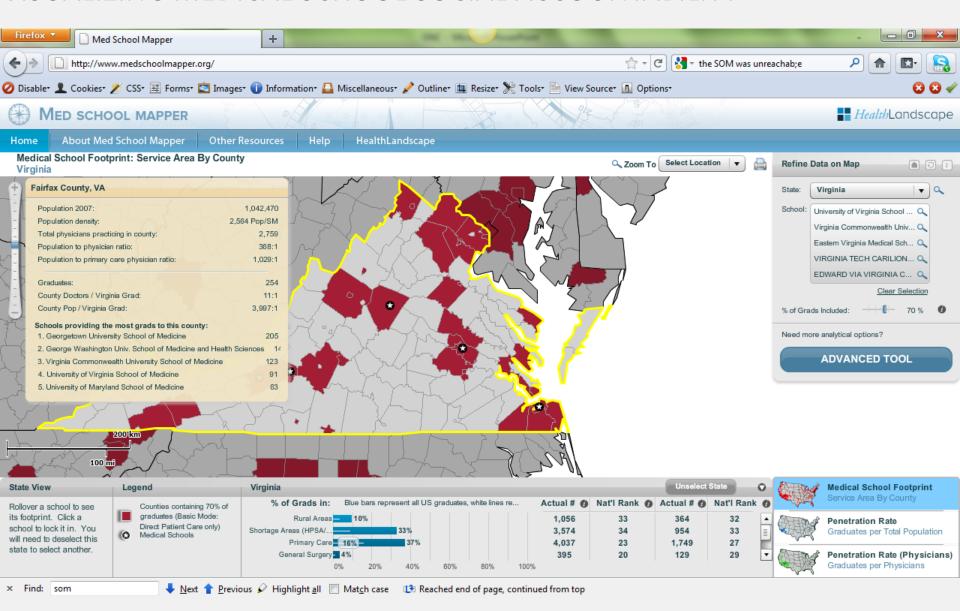
Logout



US Medicare Hospital Region Compare Tool in HealthLandscape in 24 hours in response to National Academies of Science GoViral Challenge



VISUALIZING MEDICAL SCHOOL SOCIAL ACCOUNTABILITY



www.MedSchoolMapper.org

HL-Australia: Informing Primary Health Care Reform & the Quantum Shift to Population Based Health Care

