

PHSSR Research-In-Progress Webinar
Wednesday, May 14, 2014

**Local Health Department–Hospital
Collaborations in New York State:
*A Natural Experiment***

Conference Phone: 877-394-0659

Conference Code: 775 483 8037#

Please remember to mute your computer speakers during the presentation.



UNIVERSITY OF KENTUCKY COLLEGE OF PUBLIC HEALTH

Agenda

Welcome: Ann Kelly, National Coordinating Center for PHSSR

Presenter: Christopher M. Maylahn, MPH, New York State Dept. of Health, Office of Public Health Practice

“Local Health Department – Hospital Collaborations in New York State: A Natural Experiment”

Commentary:

- **Ross Brownson**, PhD, Professor and Co-Director, Prevention Research Center in St. Louis, Washington University School of Medicine
- **James B. Crucetti**, MD, MPH, Commissioner, Albany County Dept. of Health

Questions and Discussion

Local Health Department– Hospital Collaborations in New York State:



A Natural Experiment

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*New York State Department of Health
Office of Public Health Practice*

With

Ross Brownson, Ph.D., FACE

Washington University at St. Louis

James B. Crucetti, M.D., M.P.H.

Albany County Department of Health

NEW YORK PUBLIC HEALTH PRACTICE-BASED RESEARCH NETWORK

- New York State Department of Health
- State University of New York at Albany
- NYS Association of County Health Officials
- Local Health Departments
- New York Academy of Medicine
- Rockefeller Institute of Government
- Columbia University
- Public Health Solutions

Dissertation Committee

Benjamin Shaw, PhD - Chair

James Crucetti, MD, MPH

Guthrie Birkhead, MD, MPH

Ross Brownson, PhD, FACE

- *Background*
- *Research Question*
- *Phase One: Literature Review & Input from Key Informants*
- *Phase Two: Current Status of Collaborations*
- *Phase Three: Assessing Sustainability*

2008

In 2008, nonprofit hospitals and LHDs were called upon to collaborate with community partners to conduct community health needs assessments, select 2-3 health priorities to focus on, and identify opportunities for action that the local health departments and hospitals could pursue, either individually or in partnership, to alleviate the priority public health problems.

2012

New guidance asks that LHDs and hospitals complete a collaborative community health assessment and explicitly mentions the need for a community health improvement plan.

2012

Requirement for a community health improvement plan is consistent with the recent Public Health Accreditation Board recommendations for LHD accreditation.

2012

Language in New York's guidance for community health planning sent to its hospitals was comparable with the new IRS requirements established under the Affordable Care Act.

RESEARCH QUESTION

What organizational and structural characteristics of a local health department-hospital collaboration are associated with collective impact and the collaboration's capacity for sustainability?

PHASE ONE:

LITERATURE REVIEW & KEY INFORMANTS

- **Policy framework (ACA/IRS and PHAB)**
- **Current initiatives around the U.S.**
- **Organizational/structural determinants of collaborations and partnerships**
- **Intersectoral partnerships**
- **Sustainability**

COMMUNITY HEALTH PARTNERSHIPS

Key Characteristics

- Collaborations between diverse organizations and members with wide range of resources
- Focus on problems that cannot be solved independently
- Variety of functions:
 - Information exchange
 - Public health service delivery
 - System and policy level changes
- Centrality: Level of influence one organization has in partnership
- Breadth: Level of diversity in partnership
- Density: Level of interconnectedness between members

COMMUNITY HEALTH PARTNERSHIPS

Determinants of Success

- Common vision/mission
 - Shared goals/objectives
- Partner diversity
 - Homogeneous vs. heterogeneous
- Strong leadership
- Frequent communication
- External funding
- Use of framework or logic model for planning
- Use of evidence-based strategies
- Adaptability
- Clear roles and guidelines for participation
- Supportive organizational climate and culture

SUSTAINABILITY

In 2011, Schierer and Dearing proposed an agenda for research on the sustainability of public health programs:

- Definition and types
- Specifications
- Measurement
- Determinants
- Research designs

Most research has focused on sustainability of programs. Less is known about collaborations.

PHASE TWO: STATUS OF COLLABORATIONS

- Describe current status of collaborations.
- Describe variation in organizational and structural factors linked with conducting CHA and CHIP development.
- Identify associations between organizational and structural factors, and selected outputs.

PRACTICE-RESEARCH TEAM

New York State Department of Health

Christopher Maylahn, MPH, DrPH candidate

Sylvia Pirani, MPH, MS

Priti Irani, MS

SUNY at Albany School of Public Health

Benjamin Shaw, PhD – HPMB Department Chair

Caroline Bolarinwa, MPH candidate

Temilayo Adeyeye, PhD candidate

Eniola Dipe, MPH candidate

DATA SOURCES

NATIONAL PROFILE SERIES

- Survey conducted by NACCHO in 2008, 2010, 2013

NEW YORK STATE DEPARTMENT OF HEALTH REPORTS

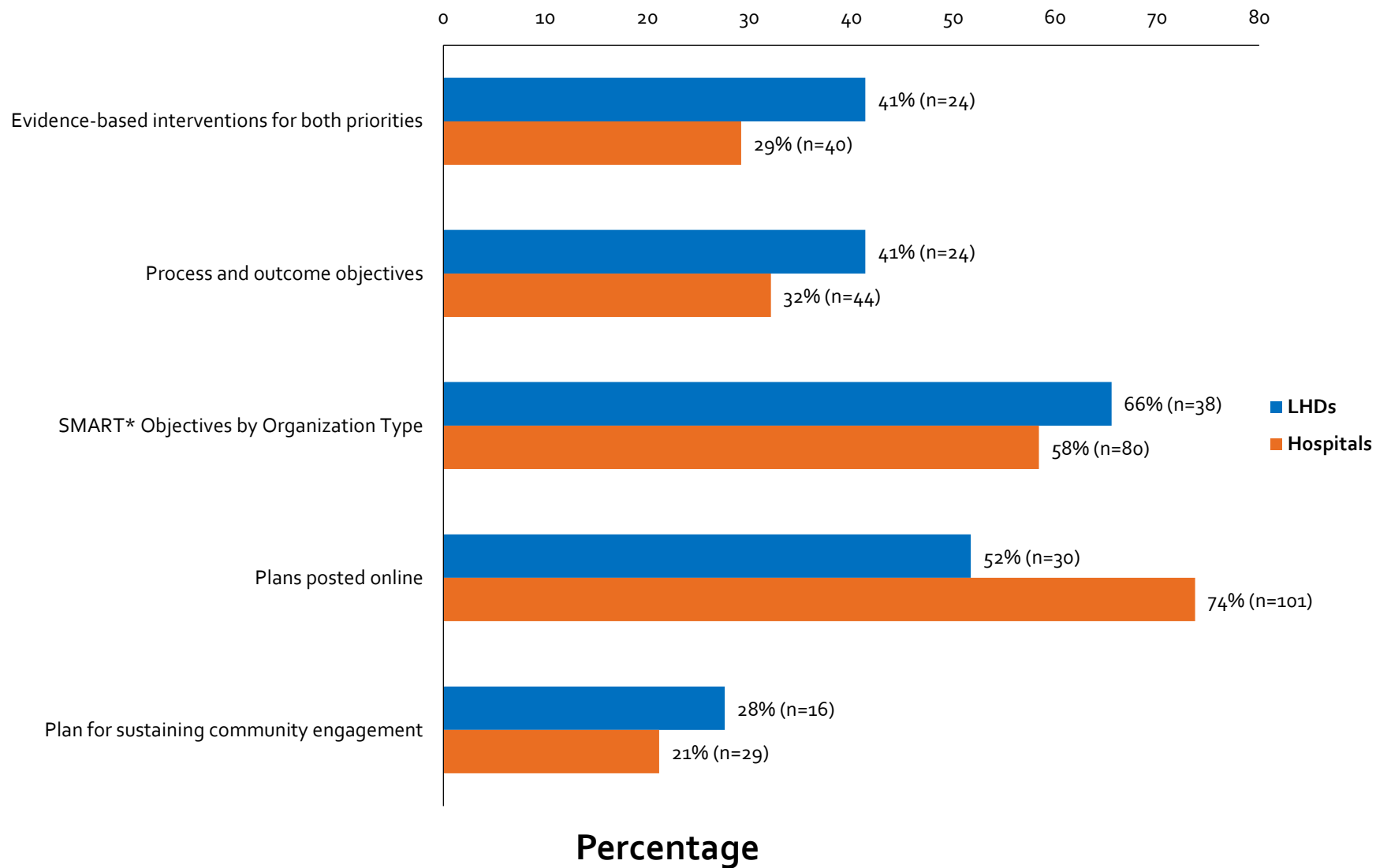
- Narrative reports submitted in 2013
- Summary data compiled by DOH reviewers (2+ per report)

METHODS

Retrospective cohort study of 58 LHDs and 148 nonprofit hospitals from 2008-2013 to assess:

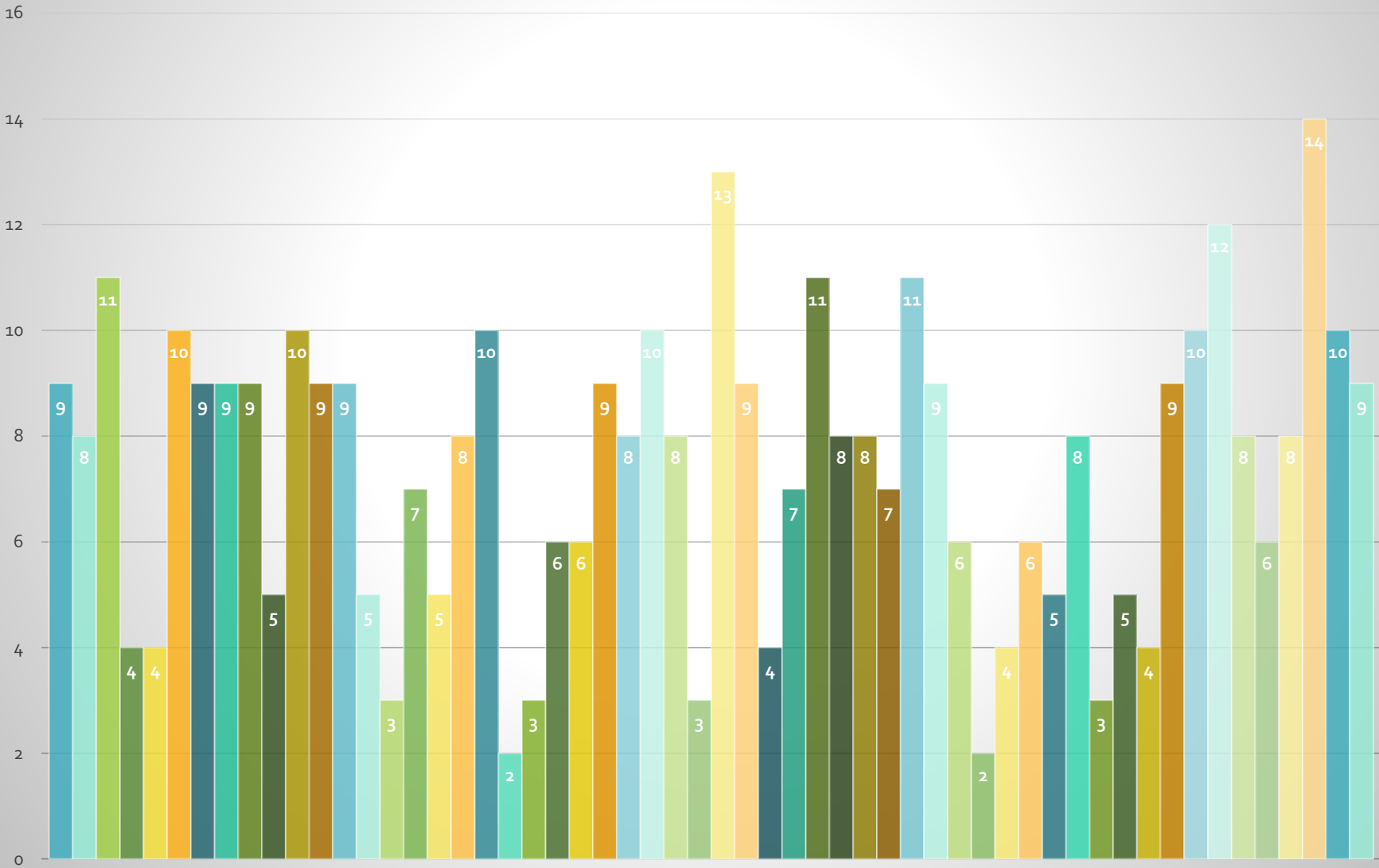
- Completion of CHA
- Development of health improvement plan.
- Plan for sustaining community engagement.

Percentage of LHDs and Hospitals Reporting Selected Elements in 2013



*SMART=Specific, Measurable, Attainable, Relevant, Time-bound

Total Number of Partners Working With Each Local Collaboration in 2013



NACCHO PROFILE SERIES

TOPIC	2008	2010	2013
CORE			
Jurisdictional Information	X	X	X
Governance	X	X	X
Funding	X	X	X
Workforce - Top Executive	X	X	X
Activities	X	X	X
Community Health Assessment and Planning	X	X	X
MODULE			
Partnership and Collaboration	X		X
Community Health Assessment and Health Improvement Planning	X		

CONCLUSIONS

- Percent of CHA-CHIPs in New York containing the recommended elements ranged from 21-74 percent.
- Number of partners varied considerably.
- Plan for sustaining engagement of partners described in only 21-28 percent of plans.

- Nationally, in 2013, 44.5% of LHDs were collaborating with hospitals.
- In 2013, CHA completion was significantly greater in LHDs when the top executive had a masters or doctoral degree.

PHASE THREE

- **Develop new measurement tool for assessing collaboration sustainability.**
- **Conduct case study in four counties to gain insights about factors related to collaboration sustainability, building off the literature review.**
- **The Program Sustainability Assessment Tool, developed by Douglas Luke, PhD, will be modified to reflect the collaboration component.**

CRITERIA FOR SELECTING COUNTIES?

Option #1:

Pick two counties that show a high capacity for sustainability (based on factors from the literature review) and two with low capacity for sustainability.

CRITERIA FOR SELECTING COUNTIES?

Option #2:

Pick four that have excellent structures in place and a diverse partnership and/or are broadly representative of NYS counties.

QUESTIONS

What makes a collaboration distinct from a program?

What are the factors that contribute to its success and keep it going? That get in the way?

ADAPTING THE TOOL

STEP ONE

Conduct focus groups to solicit input about measuring sustainability

Pilot instrument in four counties

Assess instrument for acceptability and internal reliability

STEP TWO

Feedback used to make further modifications.

Test the adapted tool again.

Prepare journal article & explore other avenues of dissemination

THANK YOU

Researcher Perspective....

Dr. Ross Brownson

Practitioner Perspective....

Dr. James Crucetti

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Future Webinars – PHSSR Research in Progress

All webinars from 12-1 pm, ET

June 18 – Quantifying the Value of Public Health Intervention

Theresa Green, PhD, MBA, MS, Center for Community Health, Public Health Sciences, University of Rochester Medical Center

Commentary: Michael Stoto, PhD, Health systems Administration and Population Health, Georgetown University

Aug 13 – Health Care Reform: Colorectal Cancer Screening Expansion and Health Disparities

Michael Preston, MPH, PhD, Cancer Control, University of Arkansas for Medical Sciences

Commentary: Glen Mays, PhD, U. of Kentucky College of Public Health

Aug 27 – Priorities in rural health: Cost-effectiveness analysis of fungal meningitis outbreak in New River Health District

Kaja Abbas, PhD, MPH, Department of Population Health Sciences, Virginia Polytechnic Institute and State University

Future Webinars – PHSSR Research in Progress

All webinars from 12-1 pm, ET

Sept 10 – Improving HIV/STD Partner Services Performance in New York State: A Performance Management Approach

Britney Johnson, MPH, AIDS Institute/Office of Public Health Practice, New York State Department of Health

*Commentary: Sylvia Pirani, MPH, Office of Local Health Services, NYS Dept. of Health
James Tesoriero, PhD, HIV Prevention Director, NYS Dept. of Health*

Sept 24 - State Health Department Foodborne Disease Outbreak Reporting

Fanta Purayidathil, PhD, Health Economics and Outcomes Research, Boehringer Ingleheim

Commentary: Jennifer Ibrahim, PhD, MPH, Dept. of Public Health, Temple University

Oct 8 – Variations in the costs of delivering public health services: An analysis of local health departments in Florida

Simone Singh, PhD, University of Michigan School of Public Health

Commentary: Patrick Bernet, PhD, Florida Atlantic University

Future Webinars – PHSSR Research in Progress

All webinars from 12-1 pm, ET

Oct 22 – Relationship Between Public Health Workforce Competency, Provision of Services, and Health Outcomes in Tennessee

Robin Pendley, DrPH, Health Services Management and Policy, College of Public Health, East Tennessee State University

Nov 12 – Trends and Characteristics of the State and Local Public Health Workforce

Angela J. Beck, PhD, MPH, Associate Director, Center of Excellence in Public Health Workforce Studies, University of Michigan

Dec 10 – Integrating Public Health and Healthcare: Lessons from One Urban County

Erik L. Carlton, DrPH, Health Systems Management and Policy, School of Public Health, University of Memphis

Commentary: Paul Erwin, MD, DrPH, Dept. of Public Health, University of Tennessee

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