

Cross-Jurisdictional Shared Service Arrangements In Local Public Health: Study Recruitment and Implementation

Adam Karlen, BSN, RN
University of Wisconsin-Madison

AcademyHealth
PHSR Interest Group Meeting Sessions
Hilton San Diego Bayfront
Student Poster Session
6/10/14

Poster presentation slide is available at: <http://www.wphrn.org/research-in-progress.html>

Cross-Jurisdictional Shared Service Arrangements In Local Public Health: Study Recruitment and Implementation

Adam Karlen BSN RN, Susan Zahner DrPH RN, Kusuma Madamala PhD MPH, Tracy Mrochek MPA BSN

Background

Under rising fiscal challenges and pressure to improve resource performance, local and tribal public health departments (LTHD) are utilizing strategies to provide more efficient and effective services. One such strategy for LTHD is entering into **Shared Service Arrangements (SSA)** with other LTHDs to share resources or services. Prior research has shown this practice to be widespread, but few research studies have been conducted to discover factors associated with successful implementation and performance of SSA.

Study Purpose

The main goal of this research is to provide policy makers and public health officials with information on the use of SSA to improve public health services.

Study Aims

- Describe the expected outcomes of existing SSA
- Describe the characteristics of LTHD using SSA
- Describe motivations and incentives for entering into SSA
- Measure the extent of implementation and performance of SSA
- Examine the relationships among SSA features, implementation, improved performance, and LTHD characteristics

Recruitment Strategy

Raising Awareness:

- ✓ Study announcements at 5 regional meetings of the Wisconsin Association of Local Health Departments and Boards (WALHDAB)
- ✓ Presentation at Wisconsin Public Health Association (WPHA) Annual Conference
- ✓ Presentation at *Beyond the Plan II: A Summit for Wisconsin Health Departments Committed to Accreditation*
- ✓ Study announcements on relevant websites: Institute for Wisconsin's Health, Inc. (IWHI), WPHA, and Wisconsin Public Health Research Network (WPHRN)

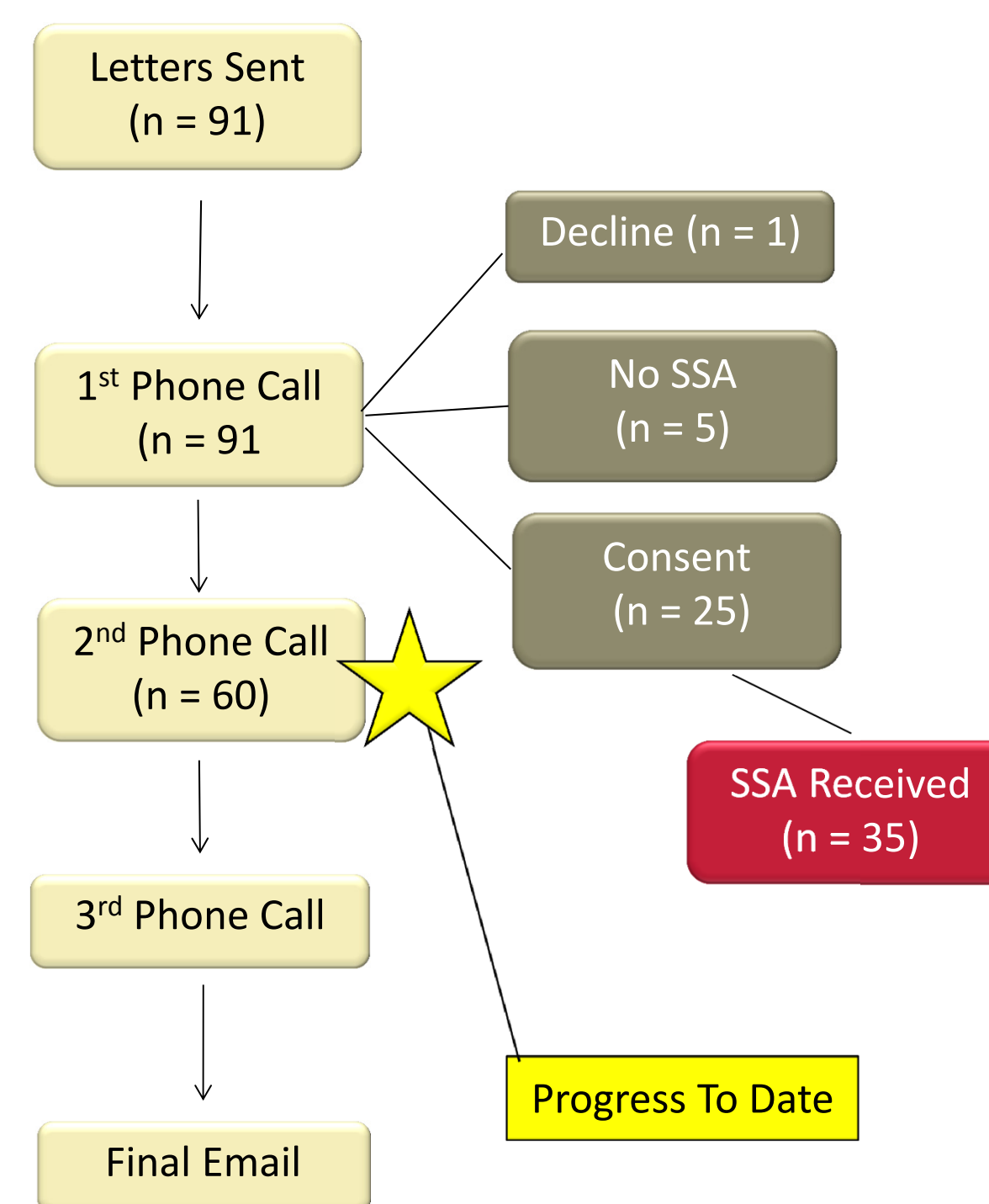
Recruitment Challenges:

- IRB approval for tribal health departments
- Connecting via telephone with LTHD directors



Regional Map of Local Health Departments¹

Recruitment Flow Diagram



Shared Service Arrangements: Study Definition

“A written document that describes, defines, or governs sharing of resources across jurisdictions on an ongoing or as needed basis. Shared resources may include, but are not limited to, organizational functions, staffing, programs, services, capacity, data, information, and technical assistance.”

SSA Data Extraction: Selected Findings to Date

SSA Title	<ul style="list-style-type: none"> • Memorandum of understanding (n = 20) • Multi-county health department agreement (n = 20)
Nature of Sharing	<ul style="list-style-type: none"> • Shared service provision (n = 12) • Shared administrative function (n = 9) • Shared staffing (n = 7)
Program Focus Area	<ul style="list-style-type: none"> • Environmental health (n = 11) • Emergency preparedness (n = 8)

Next Steps

Phase 1:

- Complete recruitment efforts (phone calls and final email)
- Collect SSA from all consented participants and complete SSA data extraction
- Collect data on LTHD characteristics related to SSA from secondary source (Wisconsin Department of Health Services)
- Schedule and complete interviews with LTHD directors (verify extracted data and obtain perceptual measure of implementation and performance)
- Disseminate Phase I findings

Phase 2

- Conduct follow-up survey and compare to prior data on SSA use and motivations²
- Analyze effects of SSA and LTHD features on implementation and performance using latent class analysis methods
- Disseminate Phase II findings

References

1. Wisconsin Department of Health Services. (2014) Regional Map of Local Health Departments [Map], Retrieved May 15, 2014 from: <http://www.dhs.wisconsin.gov/localhealth/>
2. Madamala, K., Young, N., Young, D., Giese, L., Brandenburg, T., & Zahner, S. (2014). Current and planned shared service arrangements in Wisconsin local and tribal health departments. *Journal of Public Health Management and Practice: JPHMP* (2014).

Acknowledgements

Study Advisory Team Members and Project Staff

Linda Conlon, Oneida County Health Department; Chris Dobbe, Northwoods Collaborative, Marathon County Health Department; Bob Leischow, Wisconsin Association of Local Health Departments and Boards, Clark County Health Department; Gianfranco Pezzino, Center for Sharing Public Health Services; Kusuma Madamala, Independent Consultant; Angela Nimsgern, Wisconsin Division of Public Health, Northern Regional Office; Darren Rausch, Greenfield Health Department; Kim Whitmore, Wisconsin Division of Public Health, Office of Policy and Practice Alignment; Nancy Young, Institute for Wisconsin's Health, Inc.; Susan Zahner, University of Wisconsin-Madison, School of Nursing; Tracy Mrochek, University of Wisconsin-Madison, School of Nursing, Wisconsin Public Health Research Network; Adam Karlen, University of Wisconsin-Madison, School of Nursing

Support for this project was provided by a grant from the Robert Wood Johnson Foundation (71268).