

How Local Health Departments are Sustaining Maternal and Child Care Coordination in the Face of Changing Medicaid Policies

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Our PBRN

The Study Team

Project
Context

Study Design

Survey
Findings

Additional
Research

Aims of the North Carolina Public Health

Practice-Based Research Network (NC PBRN):

- Identify key practice-focused research questions
- Conduct collaborative research projects
- Share the results to improve public health systems and services

Members of the PBRN:

- Central North Carolina Partnership for Public Health.
- UNC-Gillings School of Global Public Health
- NC Institute for Public Health

- Alamance
- Caswell
- Chatham
- Durham
- Guilford
- Orange
- Person
- Rockingham
- Wake

Central North Carolina
Partnership for Public Health



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Study Team Members:

UNC Gillings School of Global Public Health/ North Carolina Institute for Public Health (NCIPH)

- Rebecca Wells, PhD.
- Dorothy Cilenti, DrPH
- Molly Cannon, MPH
- Shirley Richards
- Matthew Schnupp, RN, BSN
- Andrea Bartoszewicz

Orange County Health Department

- Rosemary Summers, DrPH



Project Context:

- Baby Love program created in 1987 to reduce infant mortality rate.
- In 2009, reimbursement for Baby Love was cut by 19%.

Research Questions included:

How will public health case management revenue cuts and restructuring affect case management service provision?

Conducted Using a Multi-Method Study Design:

- **Quantitative Data:**
 - Previously collected: national survey, state performance, and financial measures
 - New data collection: 2011 local health department survey
- **Qualitative Data:**
 - 2011 survey open-answer questions
 - Case study (four departments)

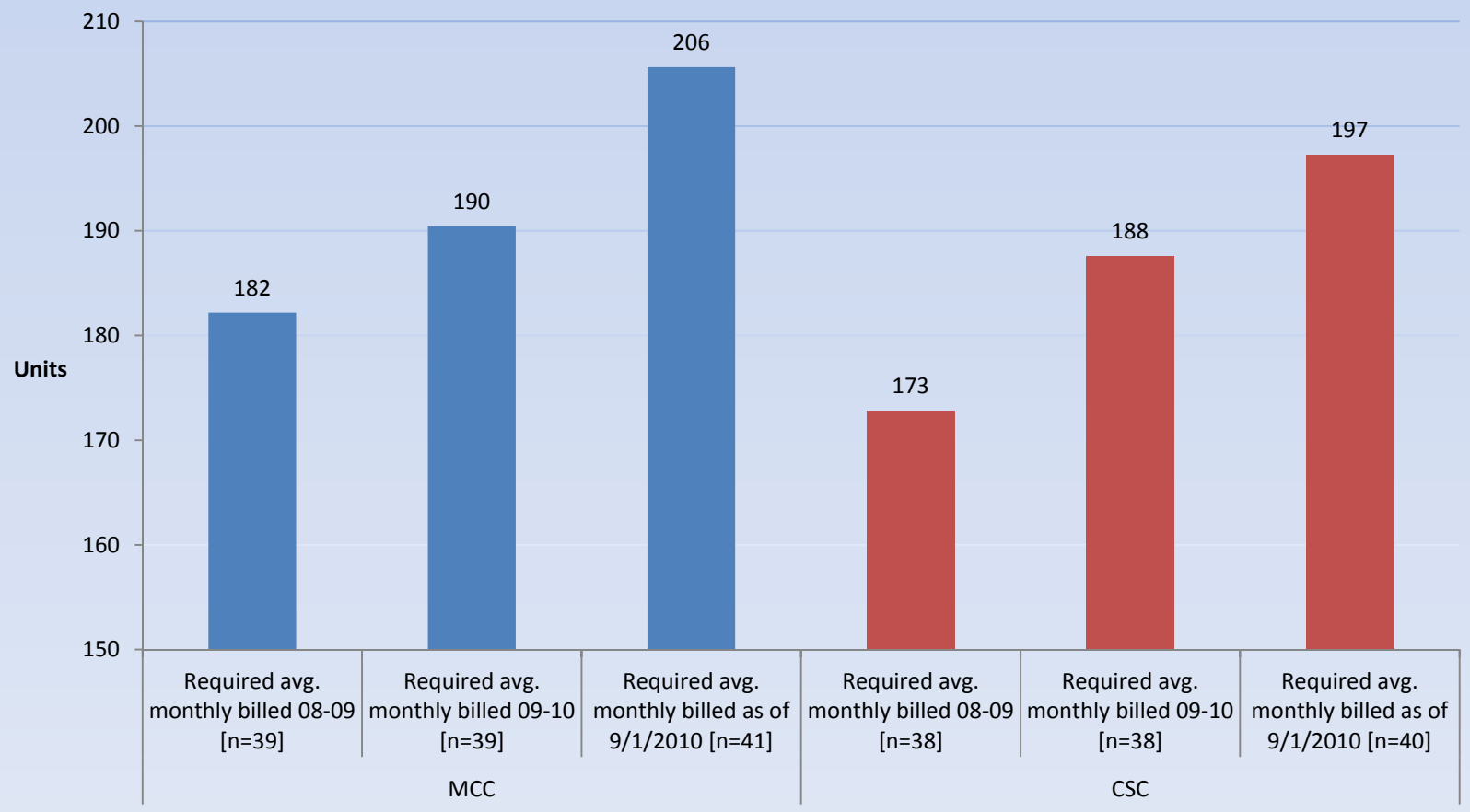
Focus of today on 2011 survey

Response rate of **89%**
(76 out of 85)



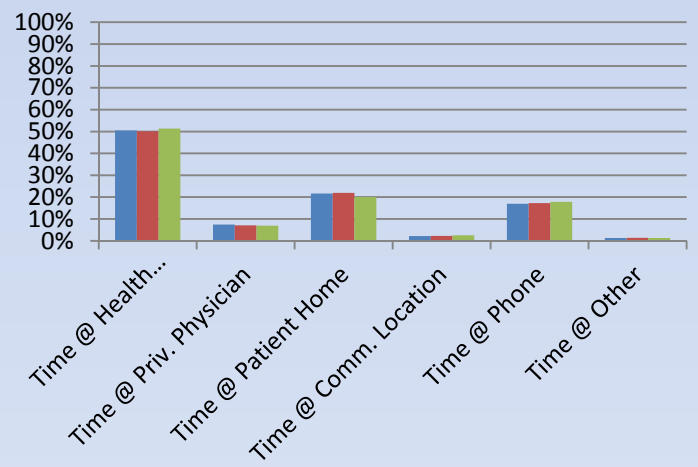
2011 LHD Survey Findings: **Billing Patterns**

Total Average Monthly Billing Units Required

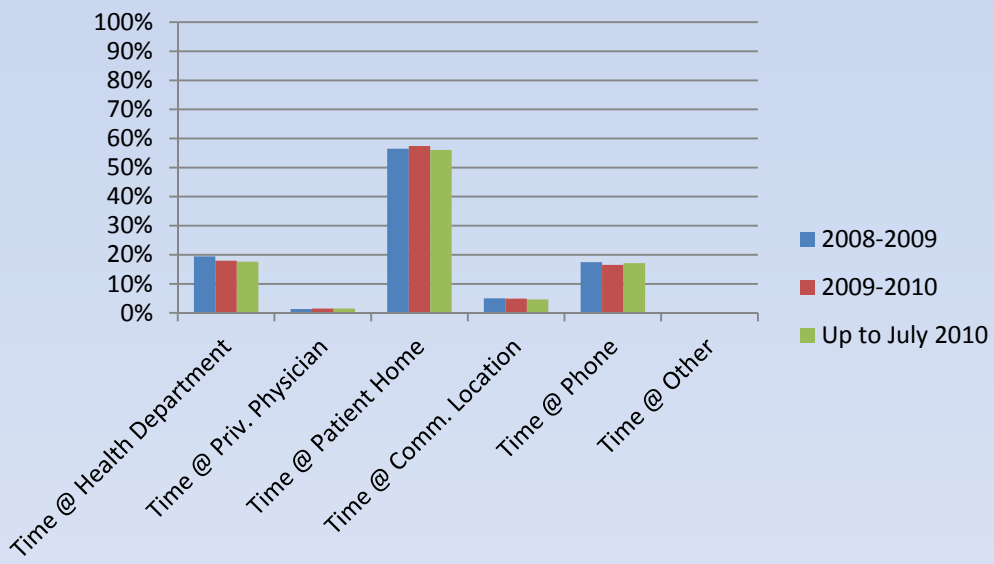


2011 LHD Survey Findings: How Services are Provided

MCC Time Spent

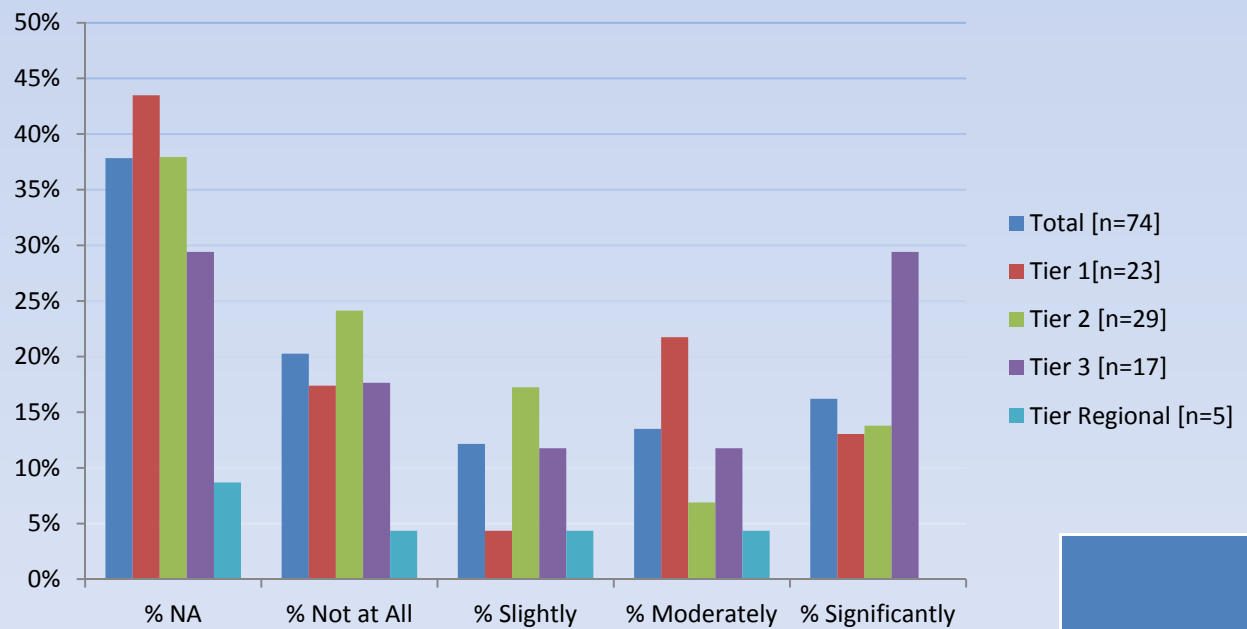


CSC Time Spent



2011 LHD Survey Findings: Maternal Outreach Worker

Effect of Maternal Outreach Worker elimination on services to low income, pregnant women



By the numbers...

	% NA	% Not at All	% Slightly	% Moderately	% Significantly
Total [n=74]	38%	20%	12%	14%	16%
Tier 1 [n=23]	43%	17%	4%	22%	13%
Tier 2 [n=29]	38%	24%	17%	7%	14%
Tier 3 [n=17]	29%	18%	12%	12%	29%
Tier District [n=5]	9%	4%	4%	4%	0%



Additional HRSA Grant:

- **Marianne Hillemeier, PhD, MPH** - Pennsylvania State University
- **Marisa Domino, PhD** - University of North Carolina at Chapel Hill
- **Dorothy Cilenti, DrPH, MPH, MSW** – NC Institute for Public Health

Study goals:

- Revisits evidence base for care coordination.
- Assesses the impact of provider-level variables on health outcomes, stratified by race/ethnicity and rural/urban residence.



References

1 - <http://www.north-carolina-map.org/north-carolina-map.jpg>

2 - <http://photohome.com/pictures/baby-pictures/mother-and-child-1a.jpg>

3 - <http://hirewellnow.com/blog/assets/content/jbs%20images/interviewing-pic.jpg>

4 - <http://magicshow2go.com/wp-content/uploads/2009/02/questions-250px-240x300.jpg>

