



NOSORH Annual Meeting
Tuesday, October 29, 2013


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Agenda

- Rural Health Status Update
 - Background
 - Methods
 - Highlights from findings
- Care Coordination Evidence-Based Models
 - Background
 - Methods
 - Organization of the Toolkit
 - Promising Care Coordination Models
 - Examples of Rural Care Coordination Programs

 Footer Information Here 2



**Examination of Trends in Rural and Urban Health:
Establishing a Baseline for Health Reform**

- CDC published *Health United States, 2001 With Urban and Rural Health Chartbook*
 - No urban/rural data update since 2001
- Purpose of this study:
 - Update of rural health status ten years later to understand trends
 - Provide baseline of rural/urban differences in health status and access to care prior to ACA implementation

3

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Methods

- Replicated analyses conducted in 2011 using most recent data available (2006-2011)
- Used same data sources:
 - Compressed Mortality File, National Vital Statistics System
 - Area Resource File, HRSA
 - U.S. Census Bureau
- Applied same geographic definitions
 - Metropolitan Counties:
 - Large central
 - Large fringe
 - Small
 - Nonmetropolitan Counties:
 - With a city \geq 10,000 population
 - Without a city \geq 10,000 population

4

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Counties by Region and Rurality (2006)

5

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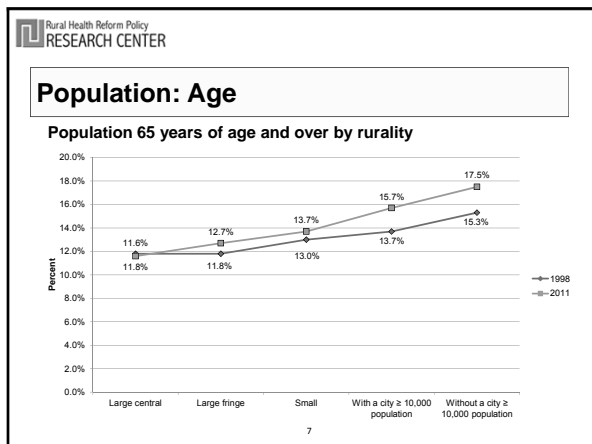
Population: Age

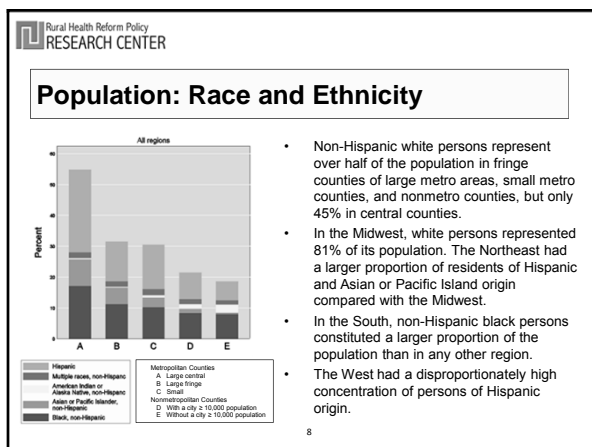
Population 65 years of age and over by rurality, 2011

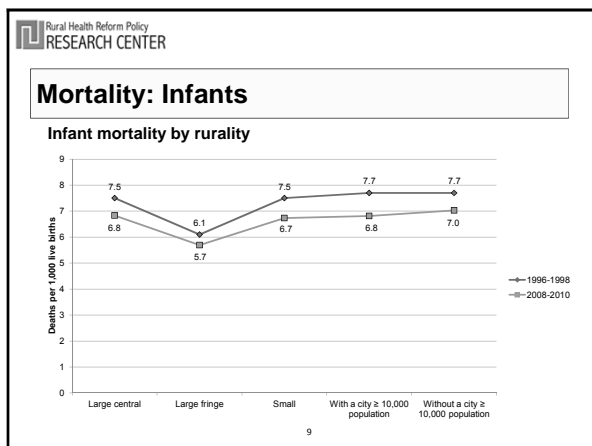
Rurality Category	Percent
A (Large central)	~10
B (Large fringe)	~12
C (Small)	~14
D (With a city \geq 10,000 population)	~16
E (Without a city \geq 10,000 population)	~18

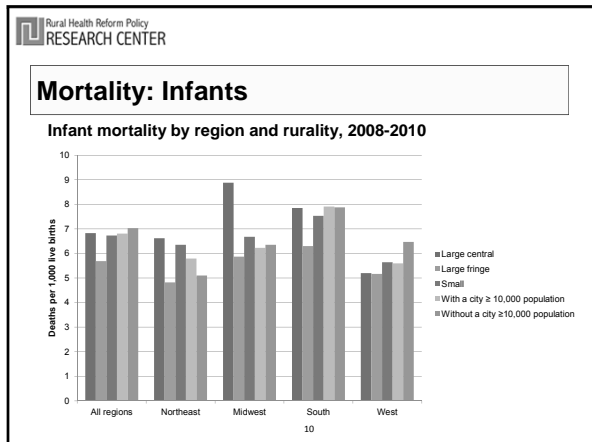
- Age structure becomes older as urbanization decreases.
- The urban-rural gradient for the proportion of the population that is elderly is present in all regions, but is steepest in the Midwest and South.

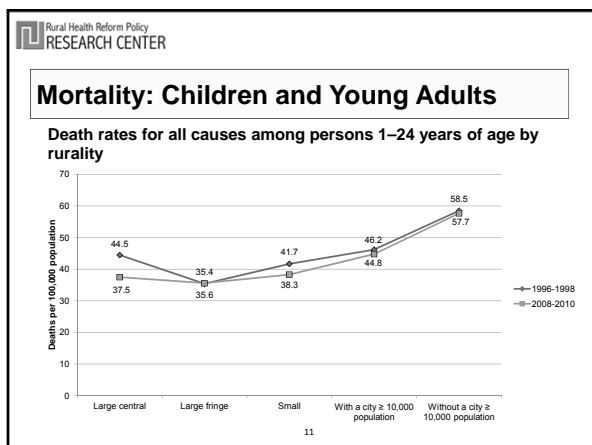
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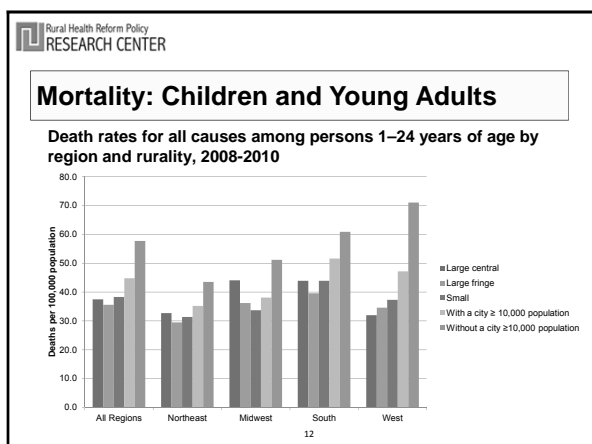


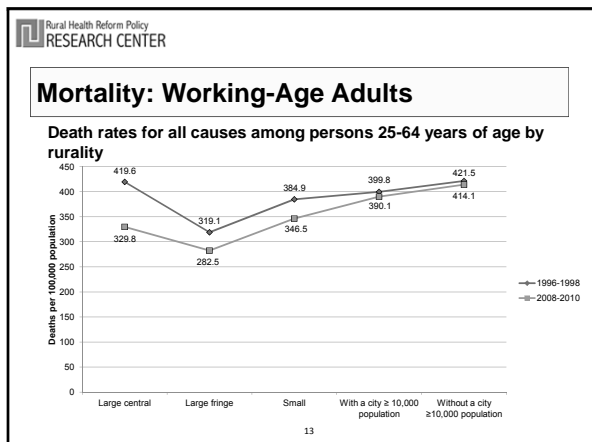


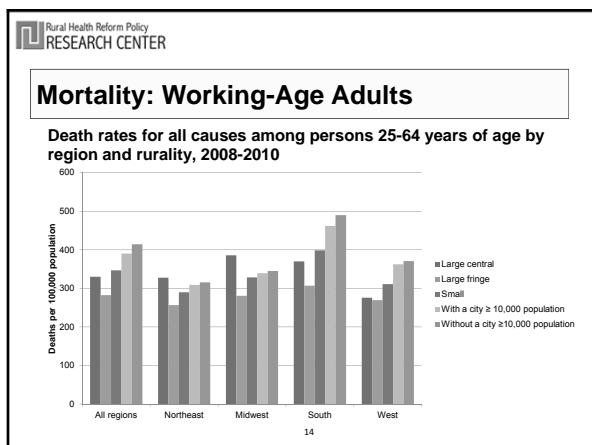


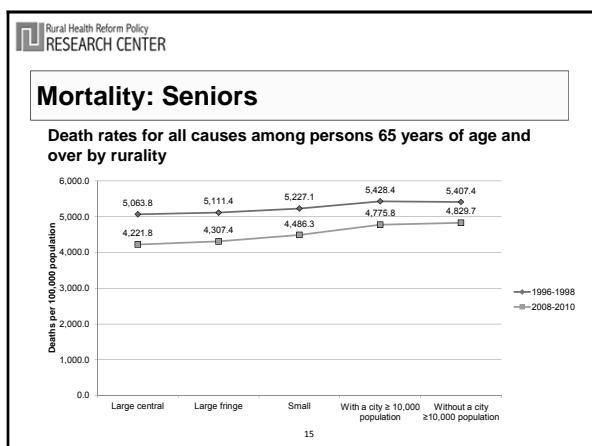


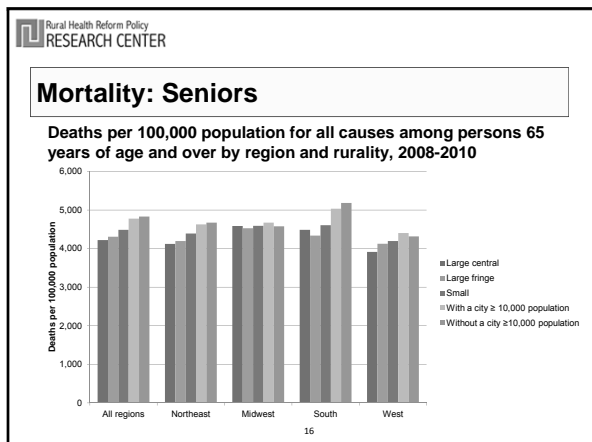


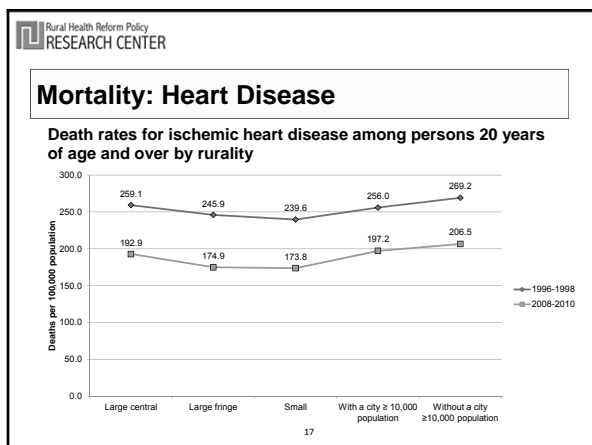


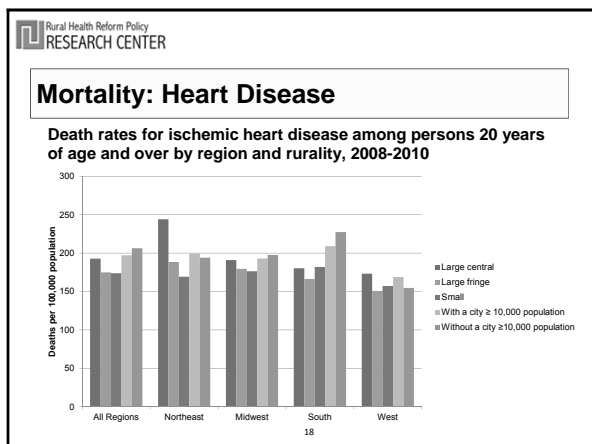


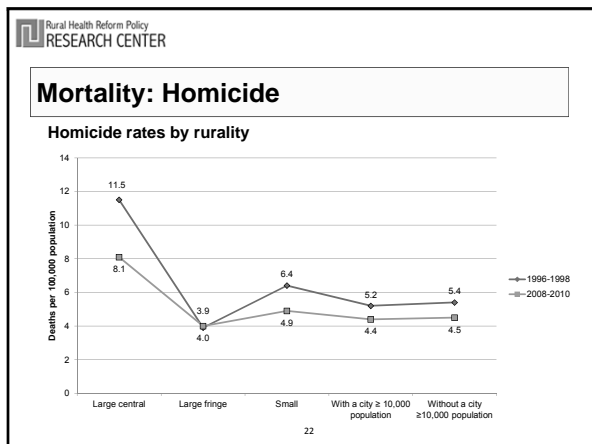


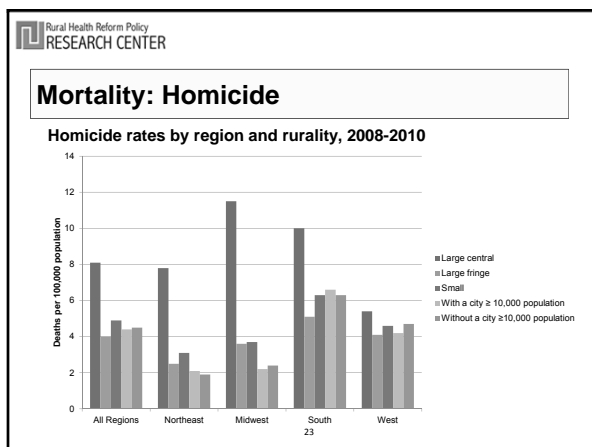


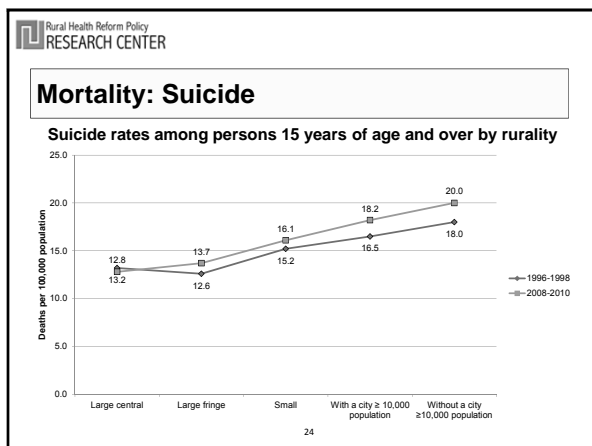


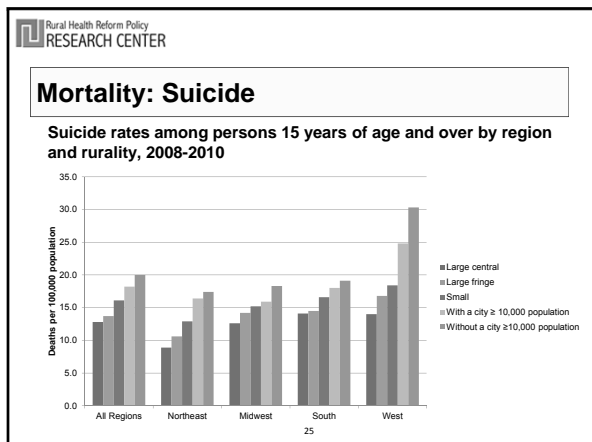


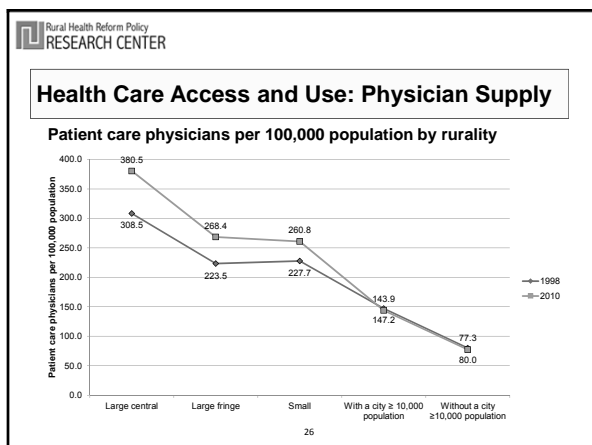


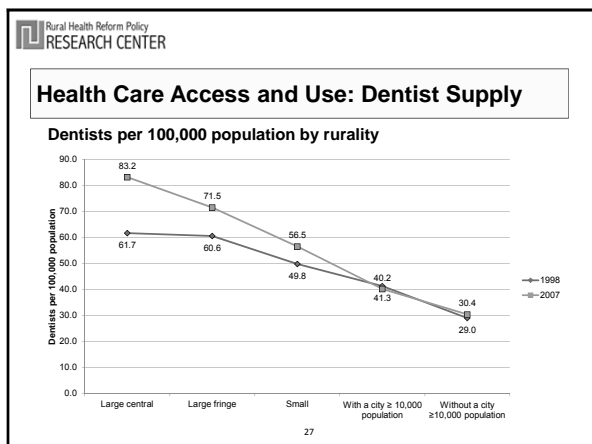














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28

**Care Coordination
Evidence-Based Models**

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Evidence-Based Toolkit Series

- Conducted on behalf of the Health Resources and Services Administration (HRSA) Federal Office of Rural Health Policy (ORHP)
- A compilation of evidence-based practices and resources that can strengthen rural health programs
- New toolkits each year on different topics that target ORHP grantees, future applicants, and rural communities
- Applicable to organizations with different levels of knowledge and at different stages of implementation
- Hosted by the Rural Assistance Center on the Community Health Gateway


30

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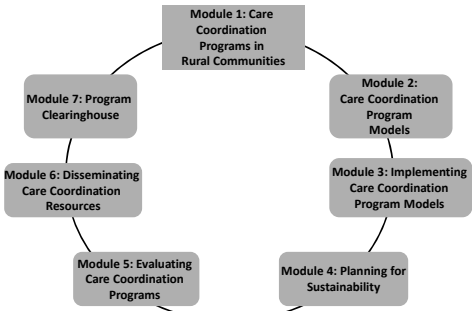
Care Coordination Evidence-Based Toolkit

- The current toolkit focuses on evidence-based care coordination programs used in rural communities
- In 2003, care coordination was identified by the Institute of Medicine as a national priority area for improving the quality of health care
- Care coordination activities can help to bridge gaps in health care, improve quality, and contain costs
- Rural communities are implementing different types of care coordination programs



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Organization of the Care Coordination Toolkit




32

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Promising Care Coordination Models

- **Care Coordinator Model:** Care coordinators work with patients and families, ensure their needs are met, and help to reduce barriers to care
- **Patient-Centered Medical Homes:** A model for providing patient care that is comprehensive, patient-centered, coordinated, accessible, and high-quality
- **Health Homes:** Allows states to create a comprehensive person-centered, coordinated system of care to Medicaid and Medicare-Medicaid eligible enrollees with chronic conditions. This strategy must be implemented at the state level.




33

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Promising Care Coordination Models

- **Accountable Care Organizations:** Groups of physicians, hospitals, and other health care providers who come together to provide coordinated, quality care to Medicare patients
- **Partnerships and Network Model:** Providers and health care organizations share resources and data, and exchange best practices
- **Health Information Technology Model:** Health care organizations use technology to facilitate information exchange and strengthen care coordination



34

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Examples of Rural Care Coordination Programs

One grantee is a health department that works with six CAHs in a five-county district to serve underserved and uninsured individuals at risk for or with a diagnosis of chronic disease

- Portions of all five counties are designated HPSAs
 - Unemployment, poverty, and a lack of health insurance limit access to care
- Population over-utilizes local emergency departments
- Care coordination program activities include:
 - Improving referral rates and disease management by involving nurses and lay health workers in case management
 - Implementing an information system to strengthen communication

35

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Examples of Rural Care Coordination Programs

Grantee is a non-profit organization that works with a university and office of community health to improve access to primary care and social support services for uninsured individuals

- The program serves rural, isolated communities designated as HPSAs for medical, dental and mental health services
- Care coordination program activities include:
 - Care coordinators who address social service needs such as housing, medication assistance, health insurance, and transportation
 - Integration of care coordination services into the Patient Centered Medical Home model to improve communication between the patient and the treatment team

36

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Examples of Rural Care Coordination Programs		
<p>Grantee is a migrant health center that works with a community organization, hospital, and health department to improve access to health education for low-income, English and Spanish-speaking residents in rural communities</p> <ul style="list-style-type: none"> • Rural counties are HPSAs and MUAs • Large migrant seasonal farm worker population • Care coordination program activities include: <ul style="list-style-type: none"> – Integrating a community health worker into the Patient Centered Medical Home team – Community health worker delivers a health education curriculum to migrant farm workers and other members of the community focused on healthy eating, exercise, and stress management 		
37		
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Implementation Considerations		
<ul style="list-style-type: none"> • Identify staff to support care coordination program • Conduct a community needs assessment • Address the “whole person” • Establish a tracking system • Develop relationships with partners • Engage family members • Consider funding sources • Recognize liability issues • Select performance metrics 		
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