

L. WILLIAM SEIDMAN

RESEARCH INSTITUTE

**Maricopa Integrated Health System:
*Economic Impact Analysis, 2013***

August 27, 2014

Introduction

- Seidman is consultancy arm of W. P. Carey School of Business, ASU
- Commissioned by MIHS to implement 3 analyses:
 - Economic Impact of MIHS in 2013
 - Economic Impact of post-bond MIHS, 2015 – 2043
 - Social ROI analysis
- Today's presentation focuses on the 2013 analysis

Typology of Economic Impact Analysis

Level of Sophistication

<i>Degree of Completeness</i>	Count Gross	Partial Gross	Macroeconomic Gross
	Count Net	Partial Net	Macroeconomic Net

Seidman's Method

Level of Sophistication

<i>Degree of Completeness</i>	Count Gross	Partial Gross	Macroeconomic Gross
	Count Net	Partial Net	Macroeconomic Net

REMI Model:

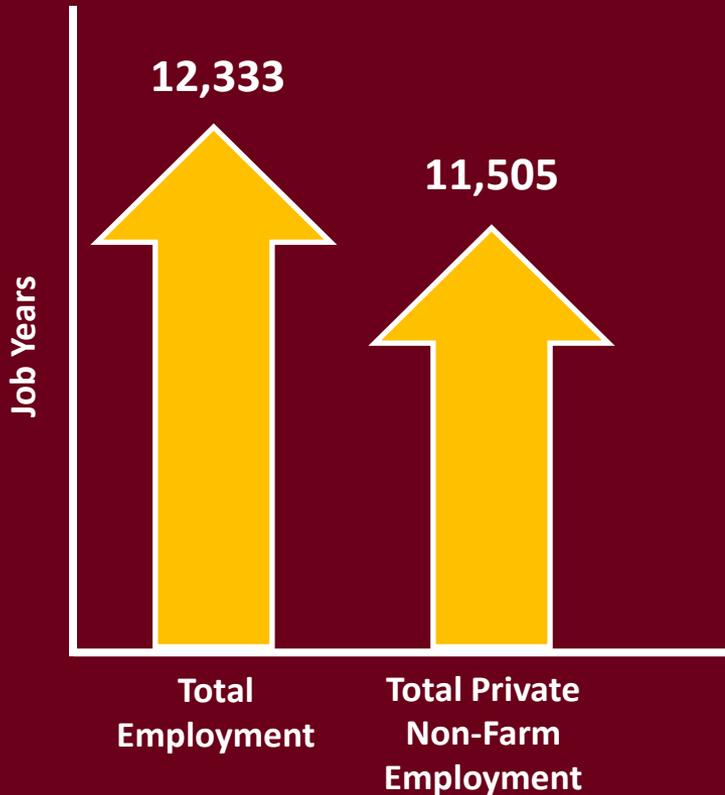
- **Partial Gross:** Positive impacts of MIHS employment and supplier purchases alone
- **Partial Net:** Also considers negative implications (state taxation & patient finance)

CY2013 Partial Gross Analysis: Inputs

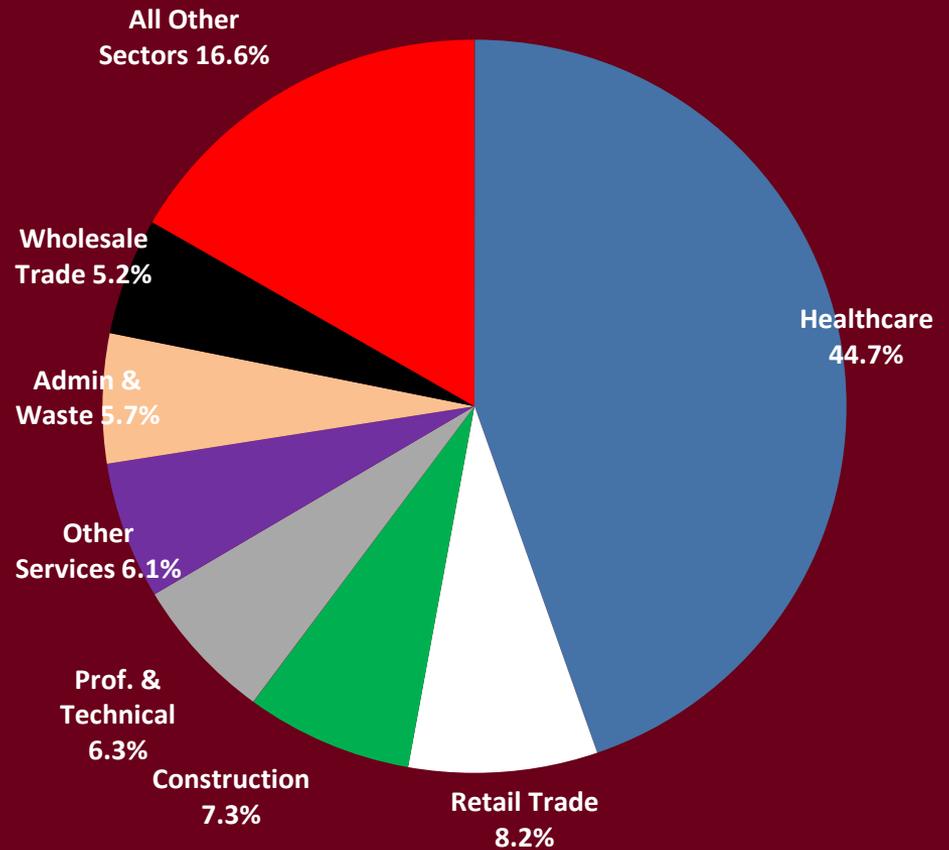
	Salaries & Wages <i>(Millions 2013 \$)</i>	Benefits <i>(Millions 2013 \$)</i>	Total Compensation <i>(Millions 2013 \$)</i>	Number of Staff <i>(FTE)</i>
Ambulatory	36.1	10.9	47.0	919.65
Hospital	194.6	57.0	251.6	2,986.23

Non-Labor Expenditure <i>(Millions 2013 \$)</i>			
Professional & Technical	24.7	Repairs & Maintenance	11.6
Supplies	64.0	Utilities	6.3
Medical Service Fees	68.3	Other Expenses	7.1
Rent	4.6	Depreciation	20.7

CY2013 Partial Gross Analysis: AZ Employment



Ratio of 1 MIHS job : 2 PNFE jobs



Sectoral Split: Total Private Non-Farm Employment

CY2013 Partial Gross Analysis: Other Measures

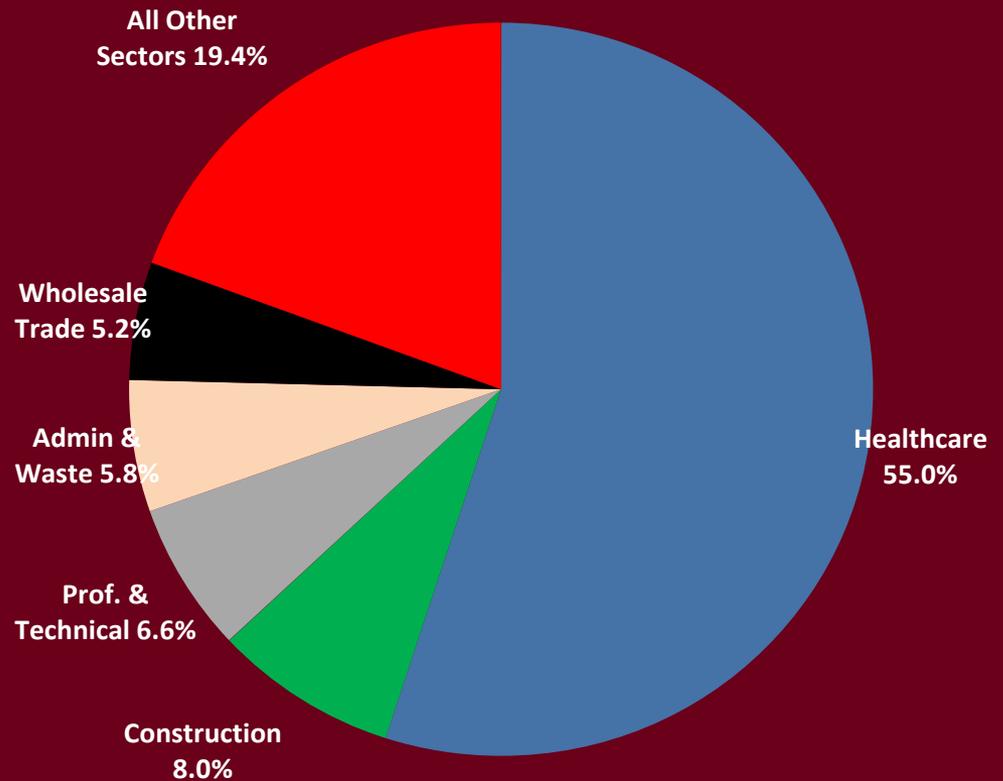
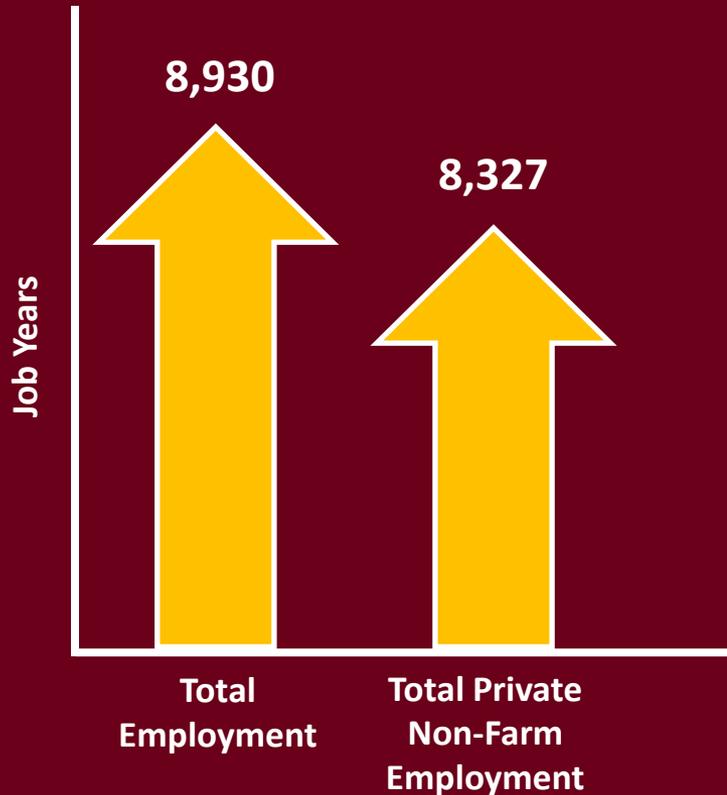


CY2013 Partial Net Analysis: Inputs

	Salaries & Wages <i>(Millions 2013 \$)</i>	Benefits <i>(Millions 2013 \$)</i>	Total Compensation <i>(Millions 2013 \$)</i>	Number of Staff <i>(FTE)</i>
Ambulatory	36.1	10.9	47.0	919.65
Hospital	194.6	57.0	251.6	2,986.23

Non-Labor Expenditure <i>(Millions 2013 \$)</i>				Funding Sources <i>(Percent)</i>	
Professional & Technical	24.7	Repairs & Maintenance	11.6	Federal	45.0
Supplies	64.0	Utilities	6.3	State	30.3
Medical Service Fees	68.3	Other Expenses	7.1	Patient	24.7
Rent	4.6	Depreciation	20.7		

CY2013 Partial Net Analysis: AZ Employment



Ratio of 1 MIHS job : 1.13 PNFE jobs

Sectoral Split: Total Private Non-Farm Employment

CY2013 Partial Net Analysis: Other Measures



L. WILLIAM SEIDMAN

RESEARCH INSTITUTE

660 South Mill Avenue, Suite 300

Tempe

AZ 85281

www.seidmaninstitute.com