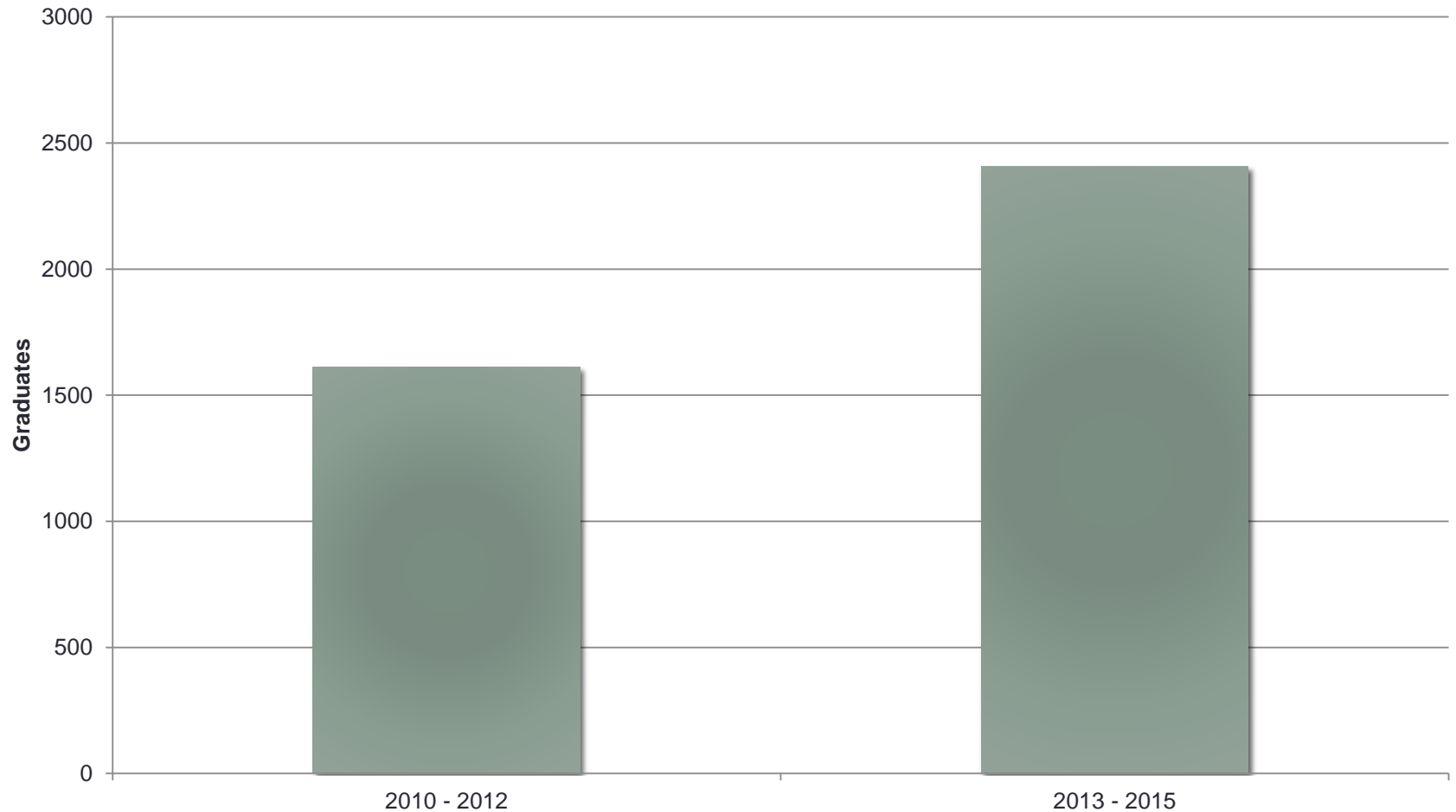


HEALTH CHECK 2015

Kevin Callison, Leslie Muller, Gerry Simons,
Kathleen Pedres

Education and Job Growth

West Michigan Nursing Graduates with a Bachelor's Degree



Education and Job Growth

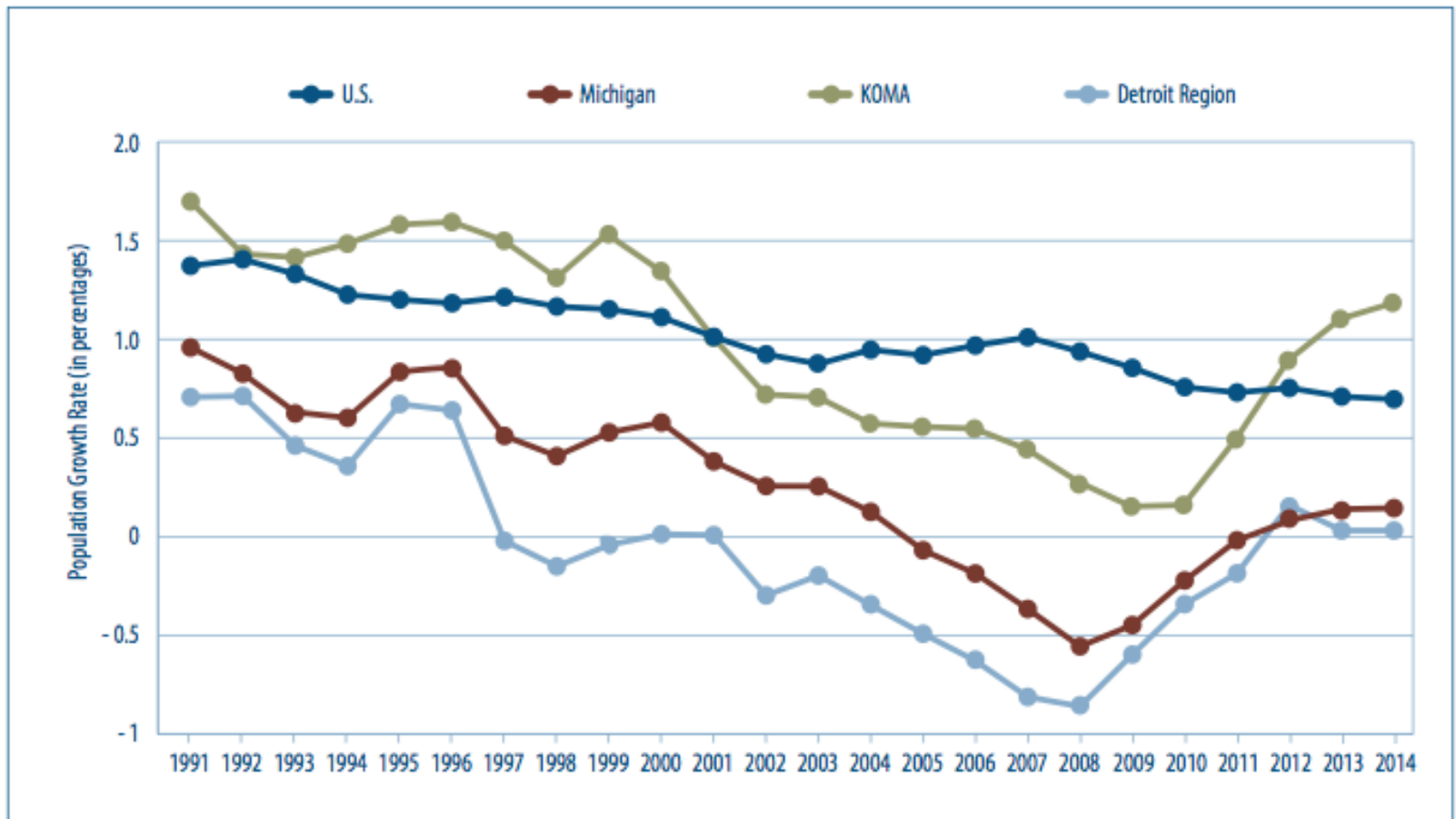
- Average Hourly Wages for Select Health Care Professions*

Profession	2004 Wages	2014 Wages	% Change in Real Wages	
	Grand Rapids	Grand Rapids	Grand Rapids	U.S.
LPN	\$21.80	\$19.55	-10.32	-2.48
RN	\$30.60	\$28.62	-6.47	0.15
PA	\$42.90	\$54.42	26.85	13.24
GP	\$80.00	\$96.46	20.58	7.80

Source: Bureau of Labor Statistics

Demographic Changes

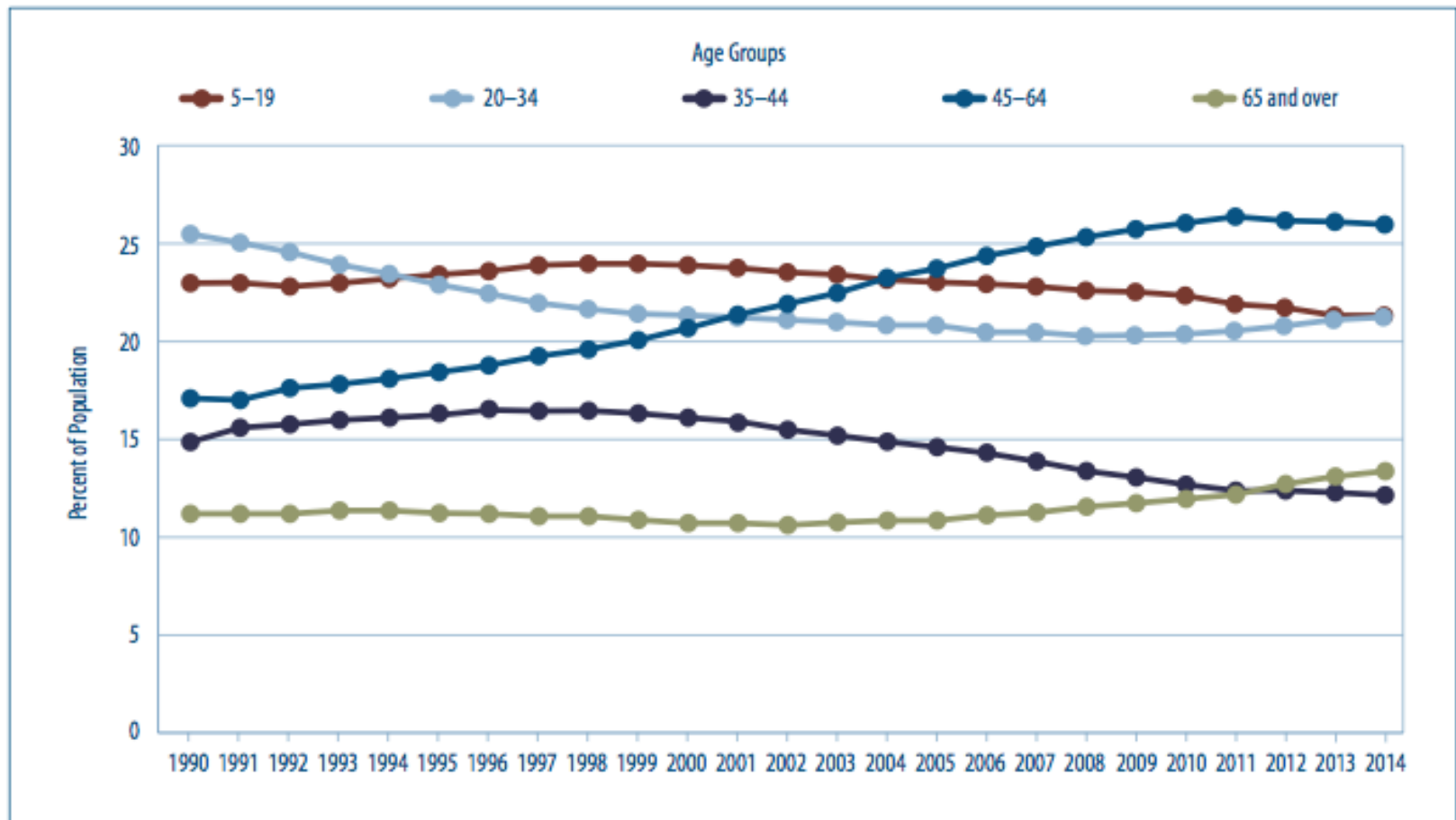
- Annual Population Growth Rate 1991 - 2014



Source: U.S. Census. *Population and housing unit estimates*

Demographic Changes

- Population Distribution as a Percent of KOMA



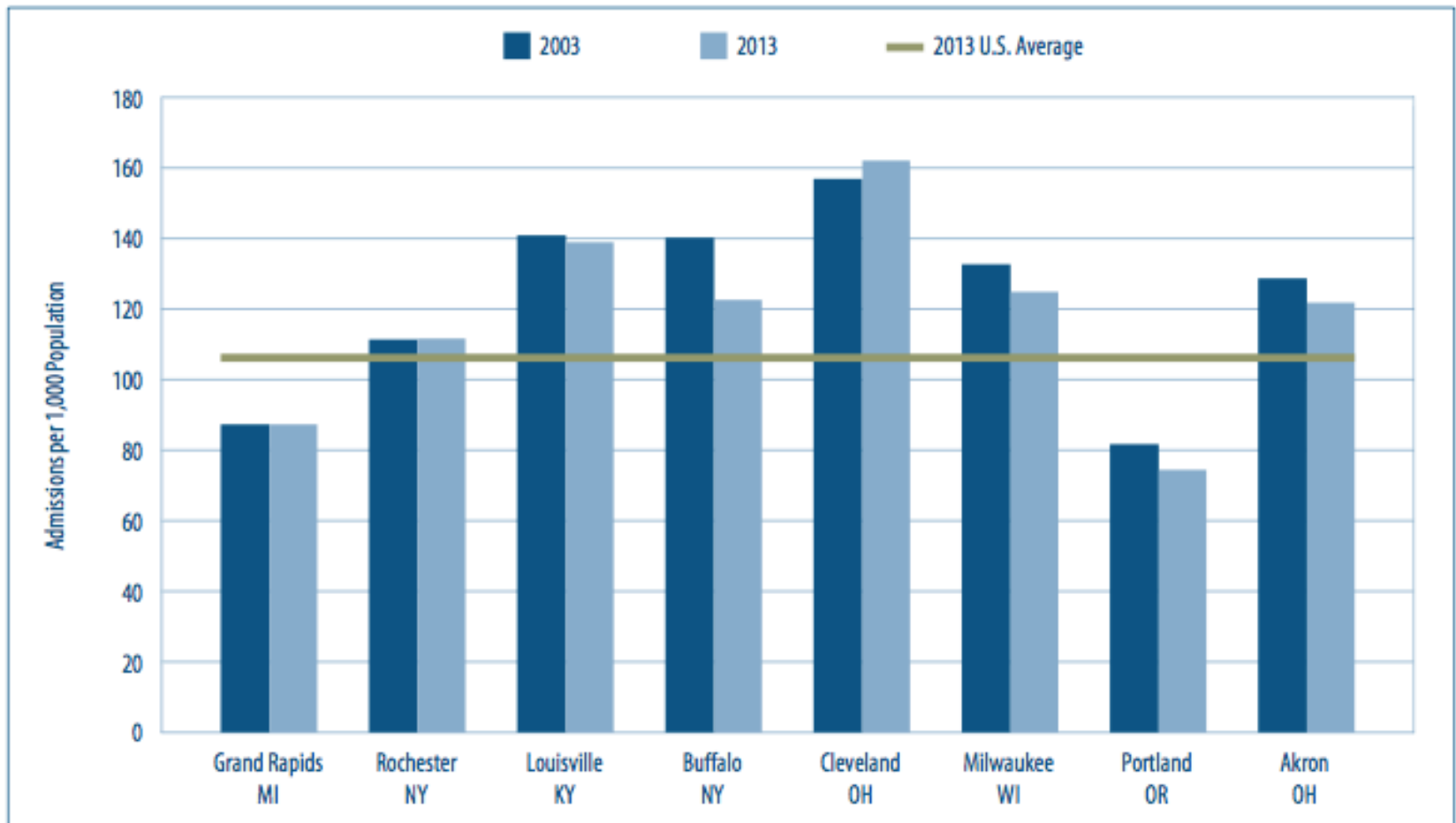
Source: U.S. Census. *Population and housing unit estimates*

Health Care Overview

- Summary of Findings:
 - Some evidence of declines in heavy drinking and binge drinking
 - Increasing proportion of West Michigan population reporting no leisure-time physical activity
 - Proportion overweight or obese remains stable
 - Decline in reporting issues related to health care access in the Detroit region

Benchmarking Communities

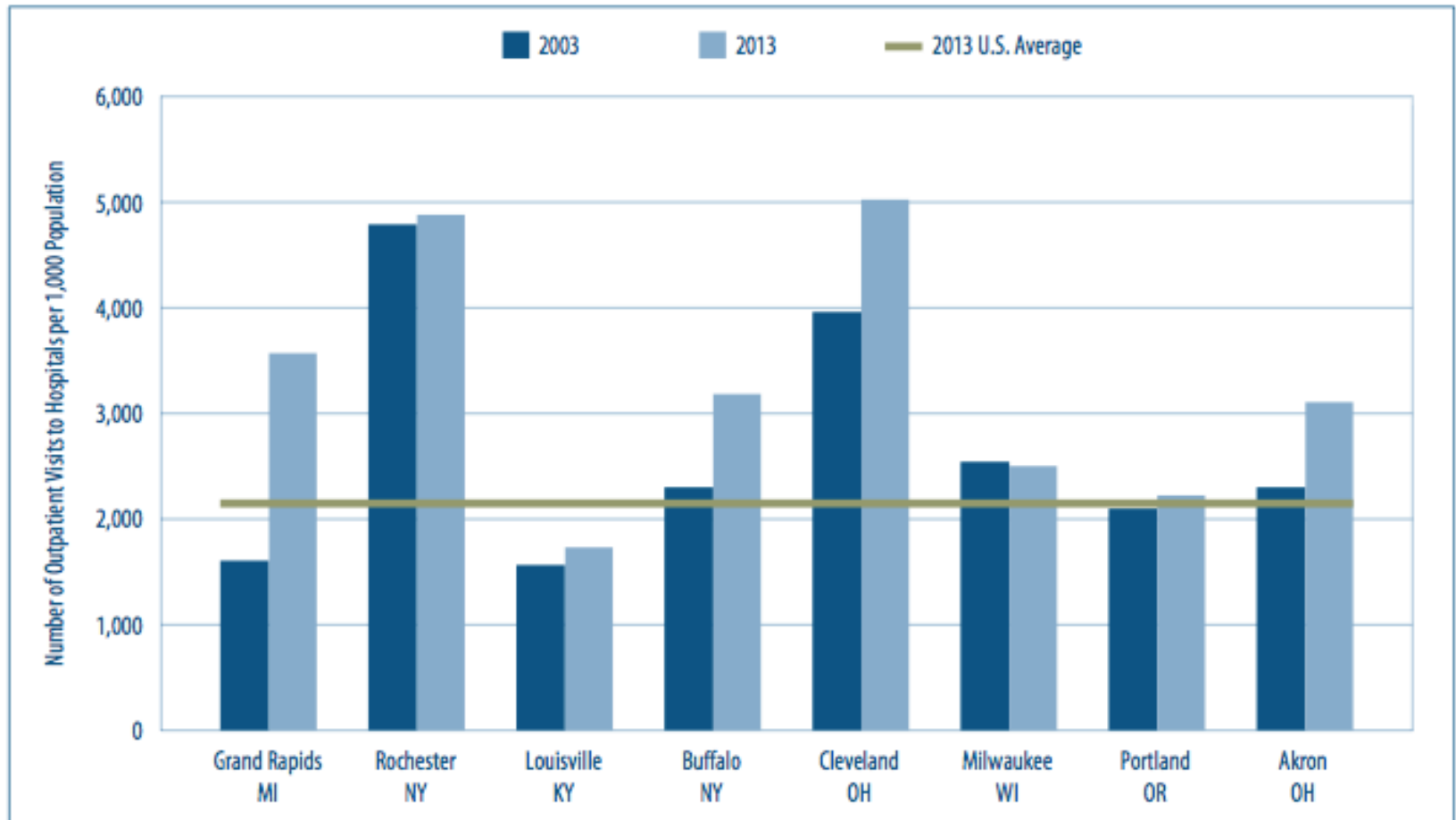
- Hospital Admissions per 1,000 Population



Source: American Hospital Association. *AHA hospital statistics, 2015*

Benchmarking Communities

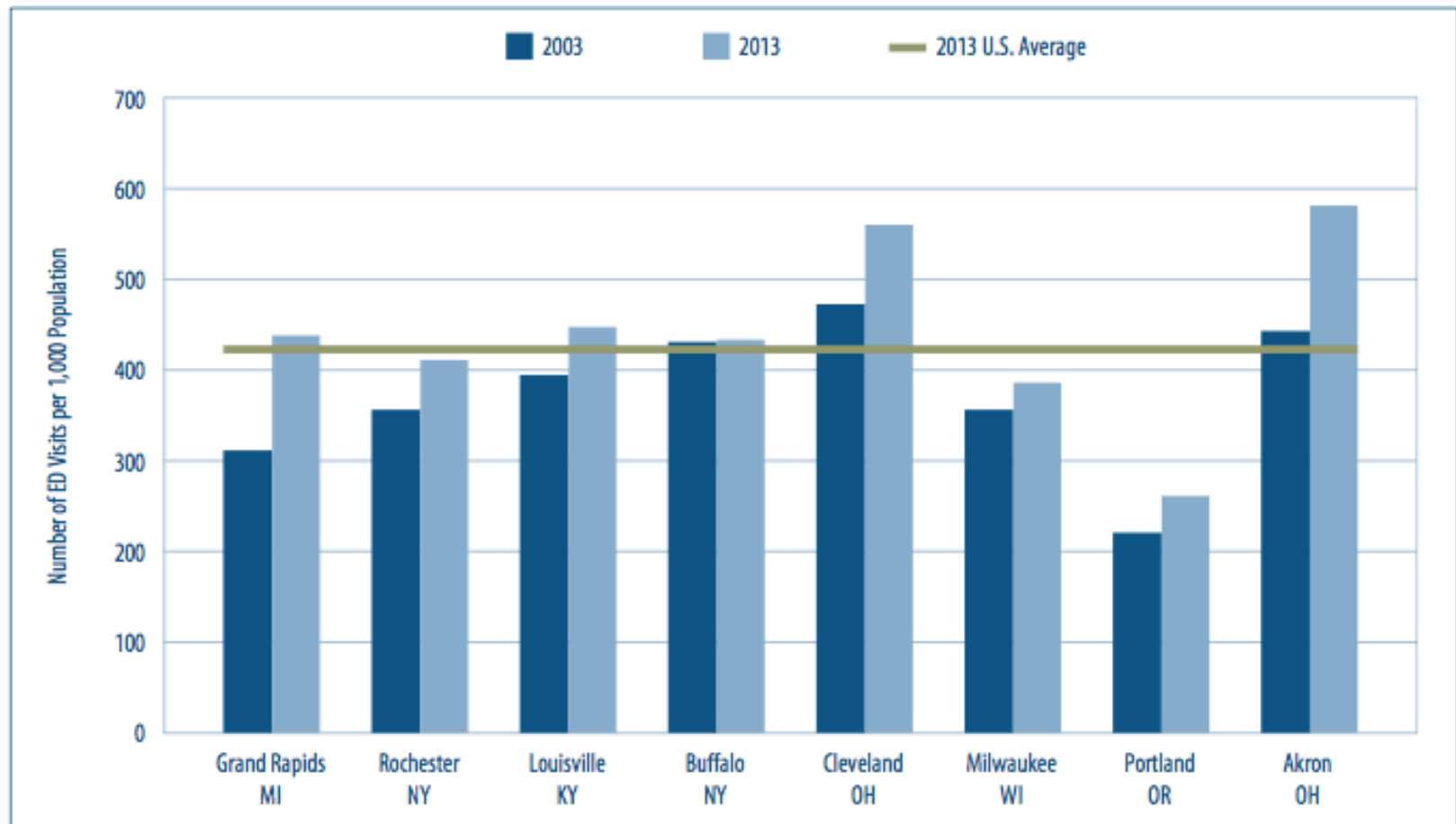
- Outpatient Visits to Hospitals per 1,000 Population



Source: American Hospital Association. *AHA hospital statistics, 2015*

Benchmarking Communities

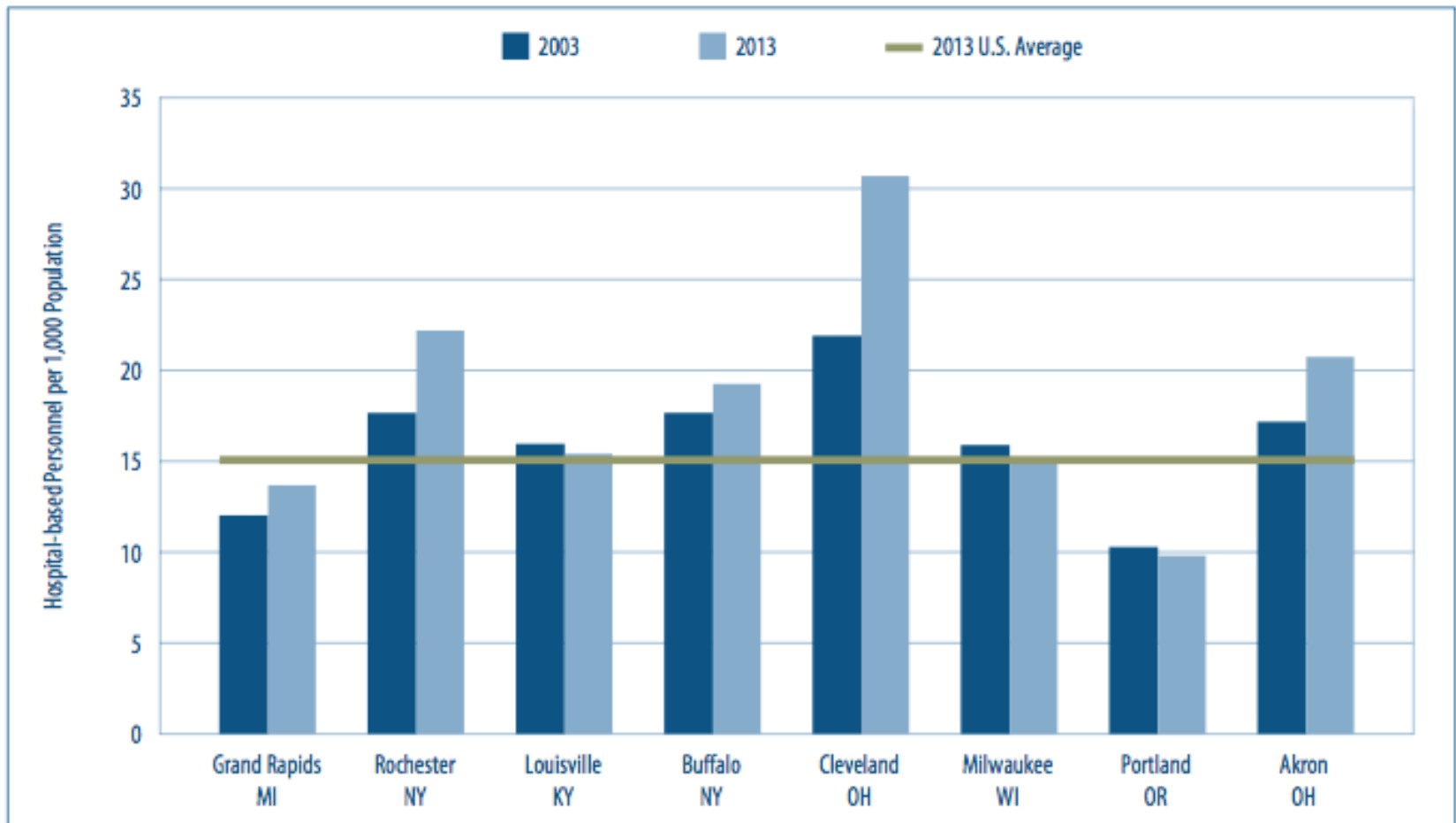
- Emergency Department Visits per 1,000 Population



Source: American Hospital Association. *AHA hospital statistics, 2015*

Benchmarking Communities

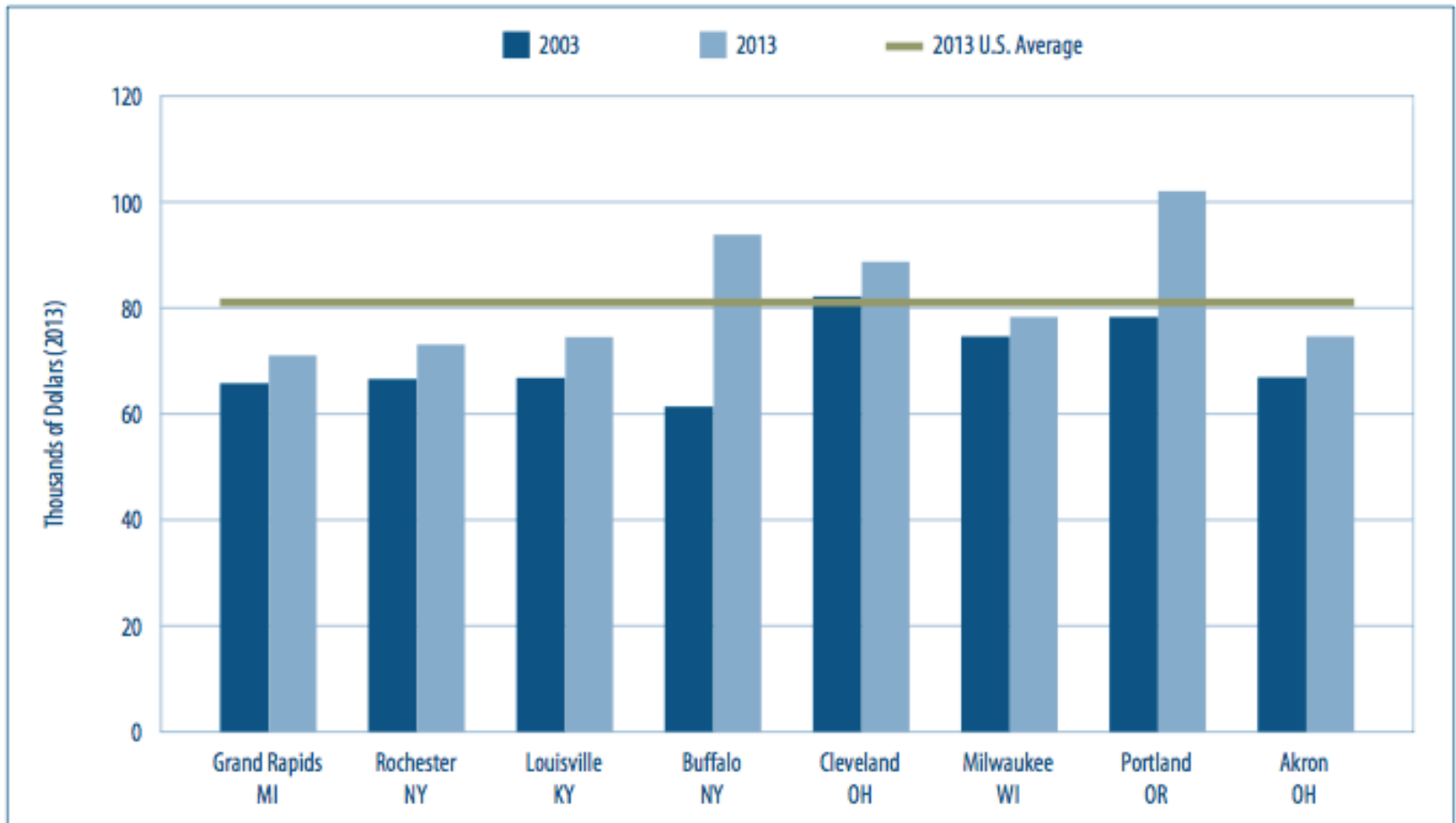
- Hospital-based Personnel per 1,000 Population



Source: American Hospital Association. *AHA hospital statistics, 2015*

Benchmarking Communities

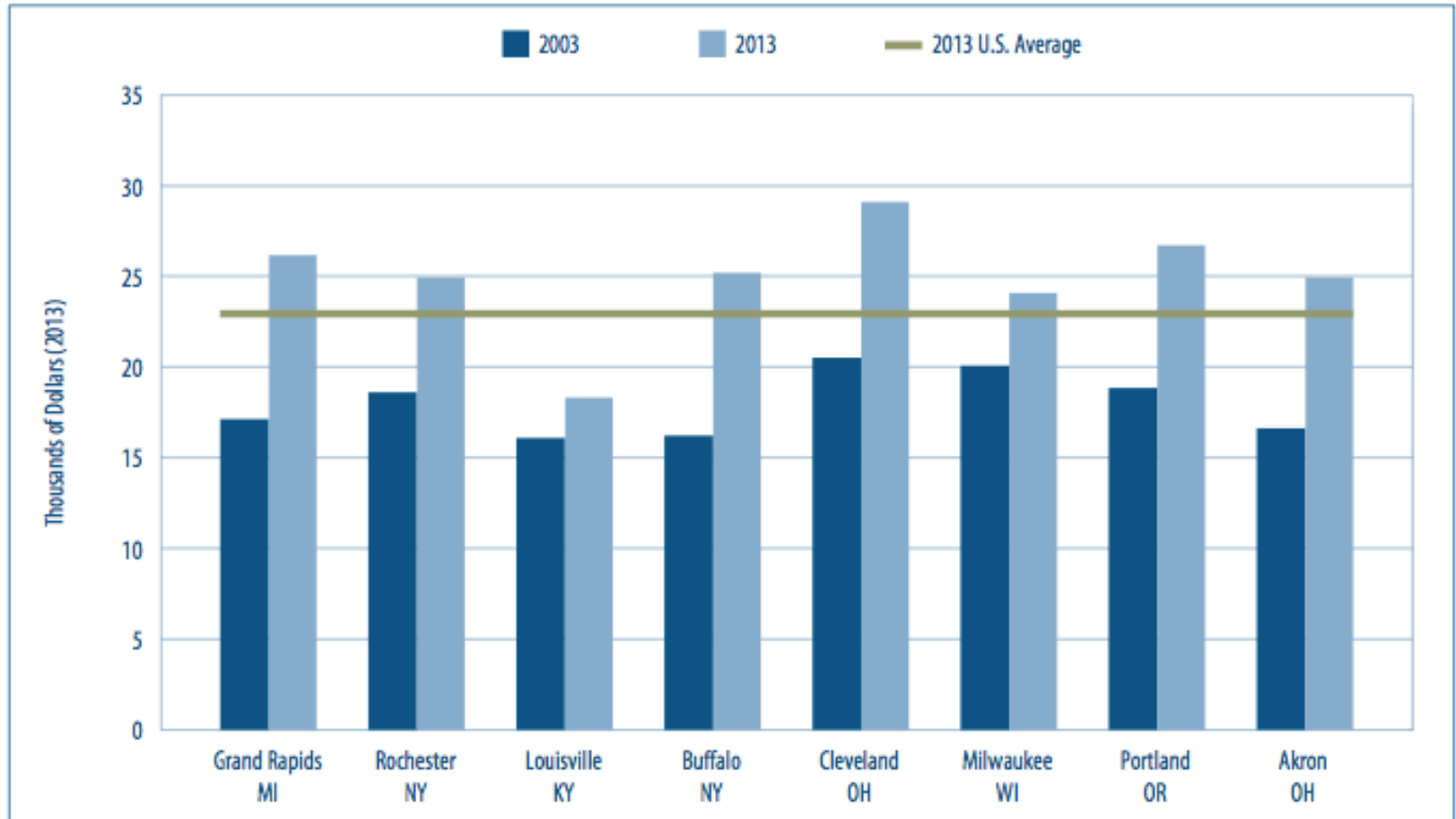
- Payroll and Benefit Expenses per Hospital Employee



Source: American Hospital Association. *AHA hospital statistics, 2015*

Benchmarking Communities

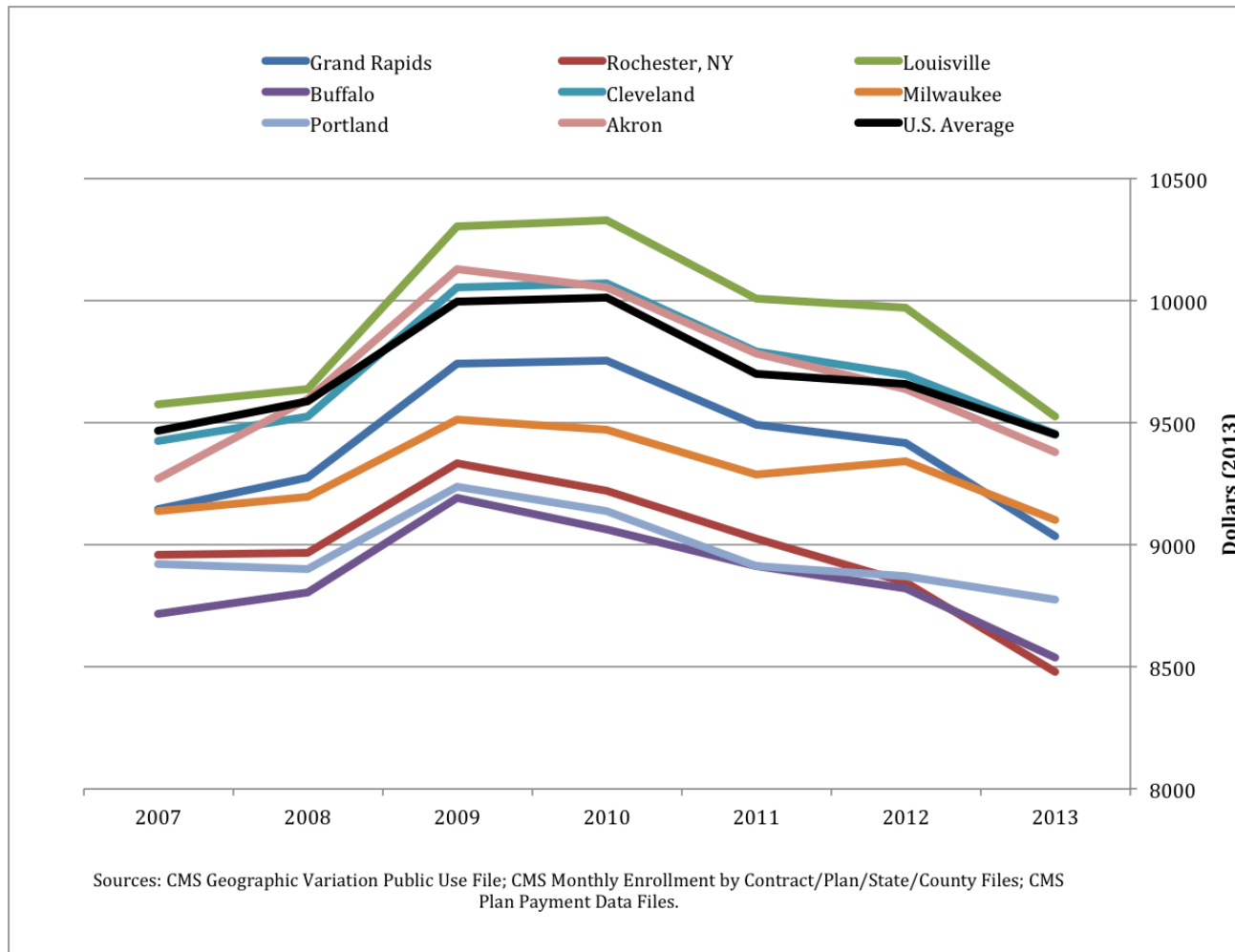
- Total Hospital Expenses per Admission



Source: American Hospital Association. *AHA hospital statistics, 2015*

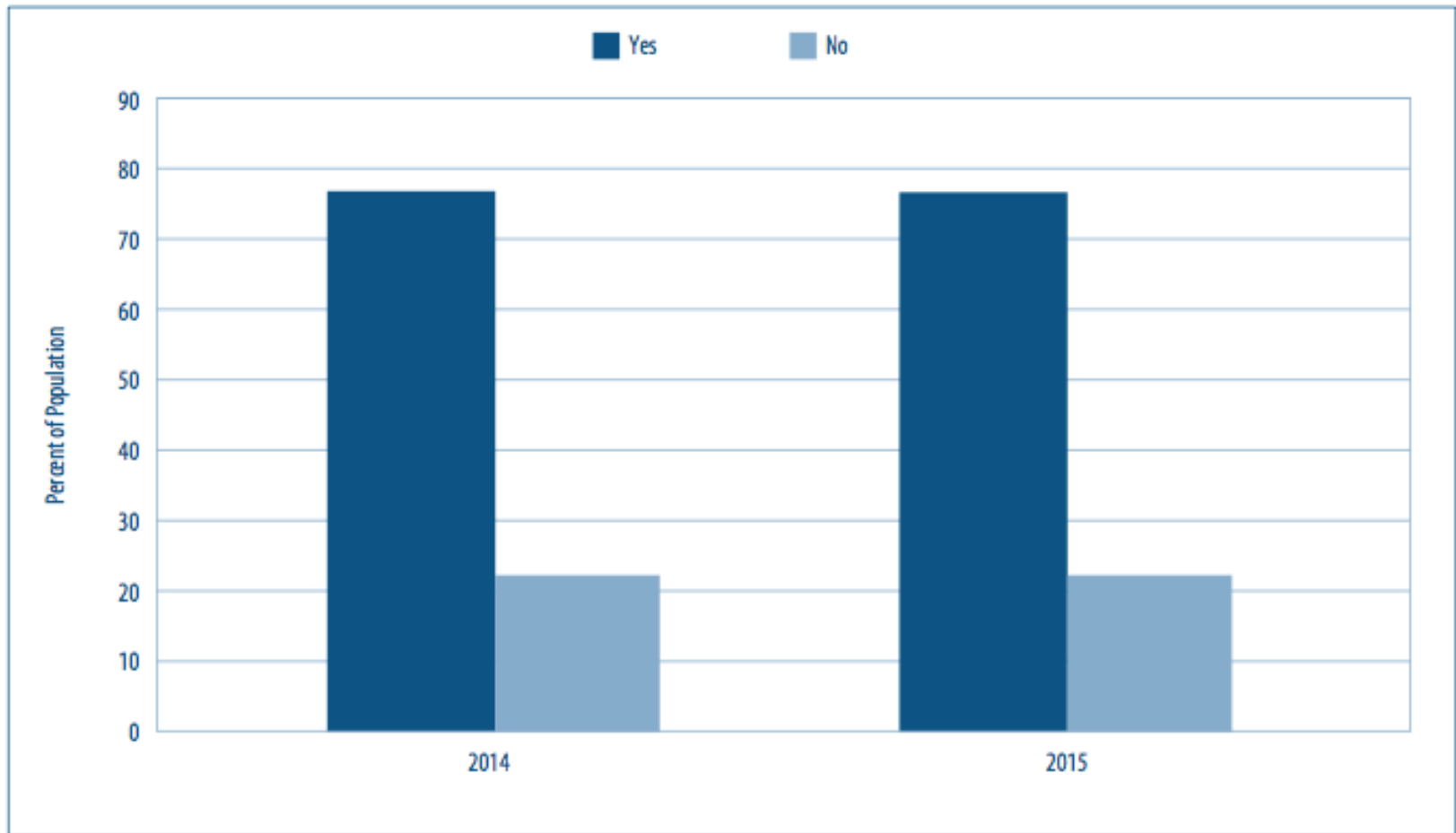
Benchmarking Communities

- Adjusted Medicare Expenditures per Medicare Enrollee



The Effects of the Affordable Care Act on Michigan Employers

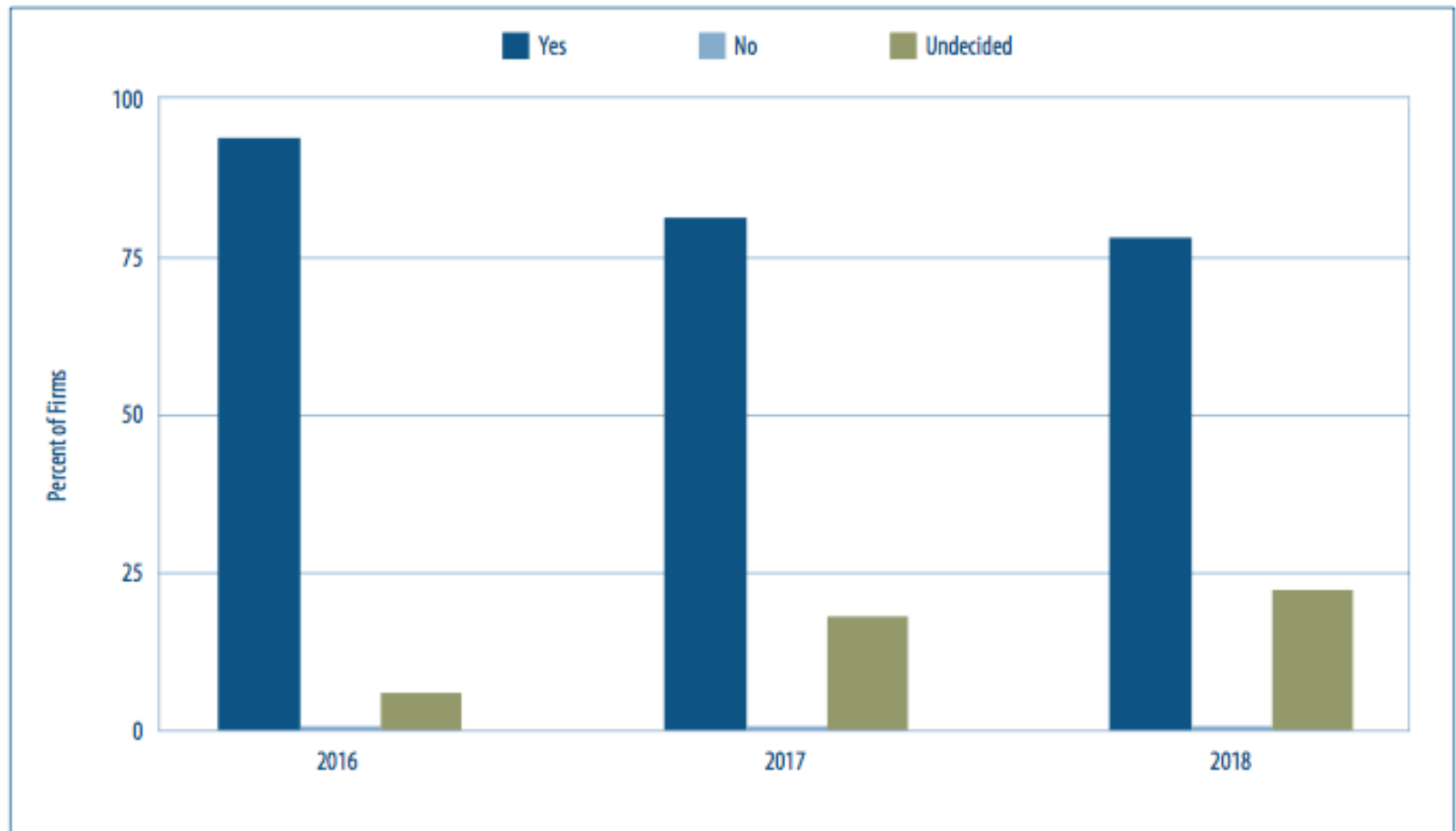
- Percentage of Firms Offering Health Insurance



Number of observations: 194

The Effects of the Affordable Care Act on Michigan Employers

- Percentage of Firms Expecting to Offer Health Insurance

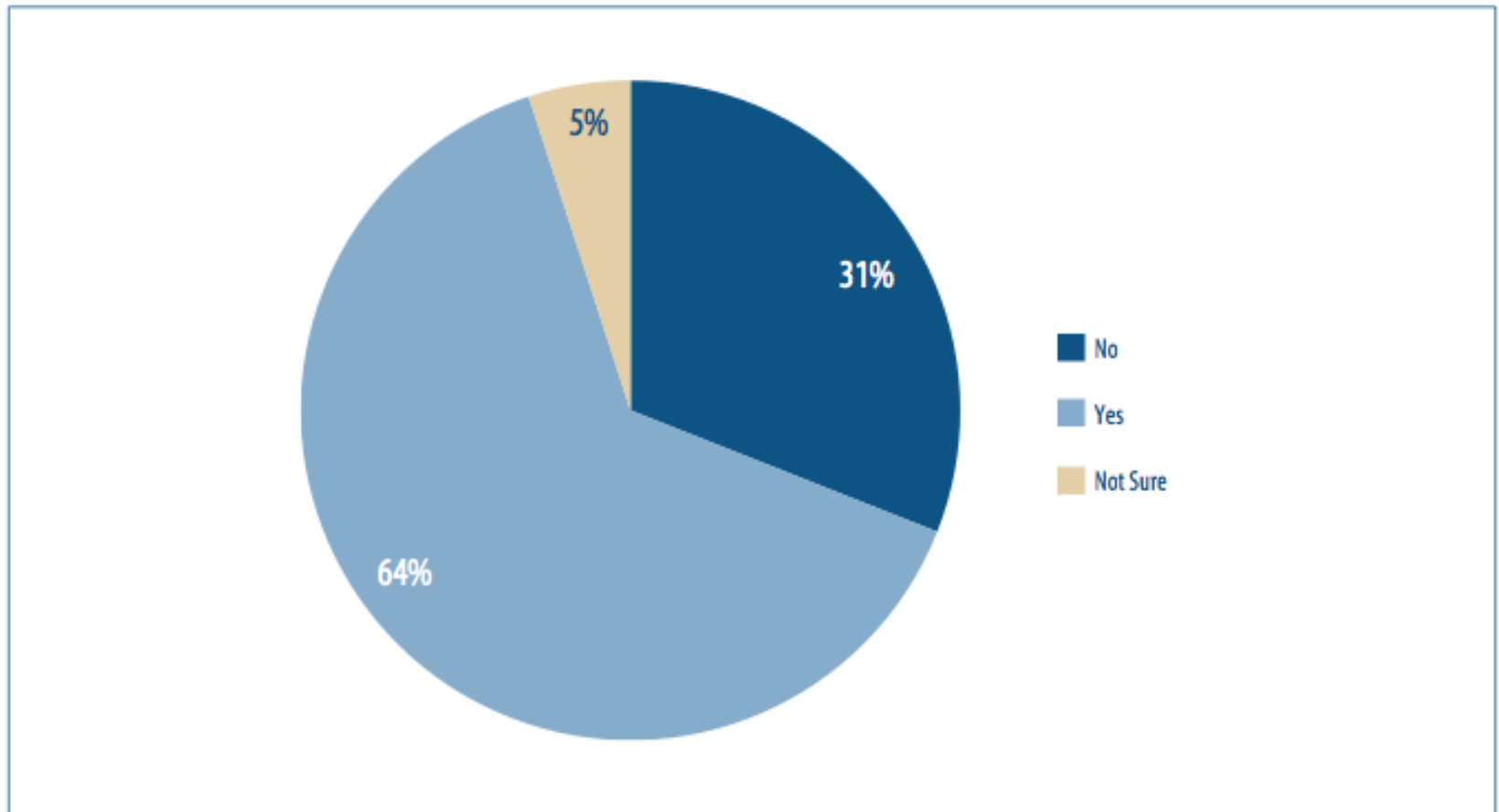


Number of observations, 2016: 193
Number of observations, 2017: 191

Number of observations, 2018: 190
Source: Author's calculations

The Effects of the Affordable Care Act on Michigan Employers

- Percentage of Firms that Offer High Deductible Plans, 2015

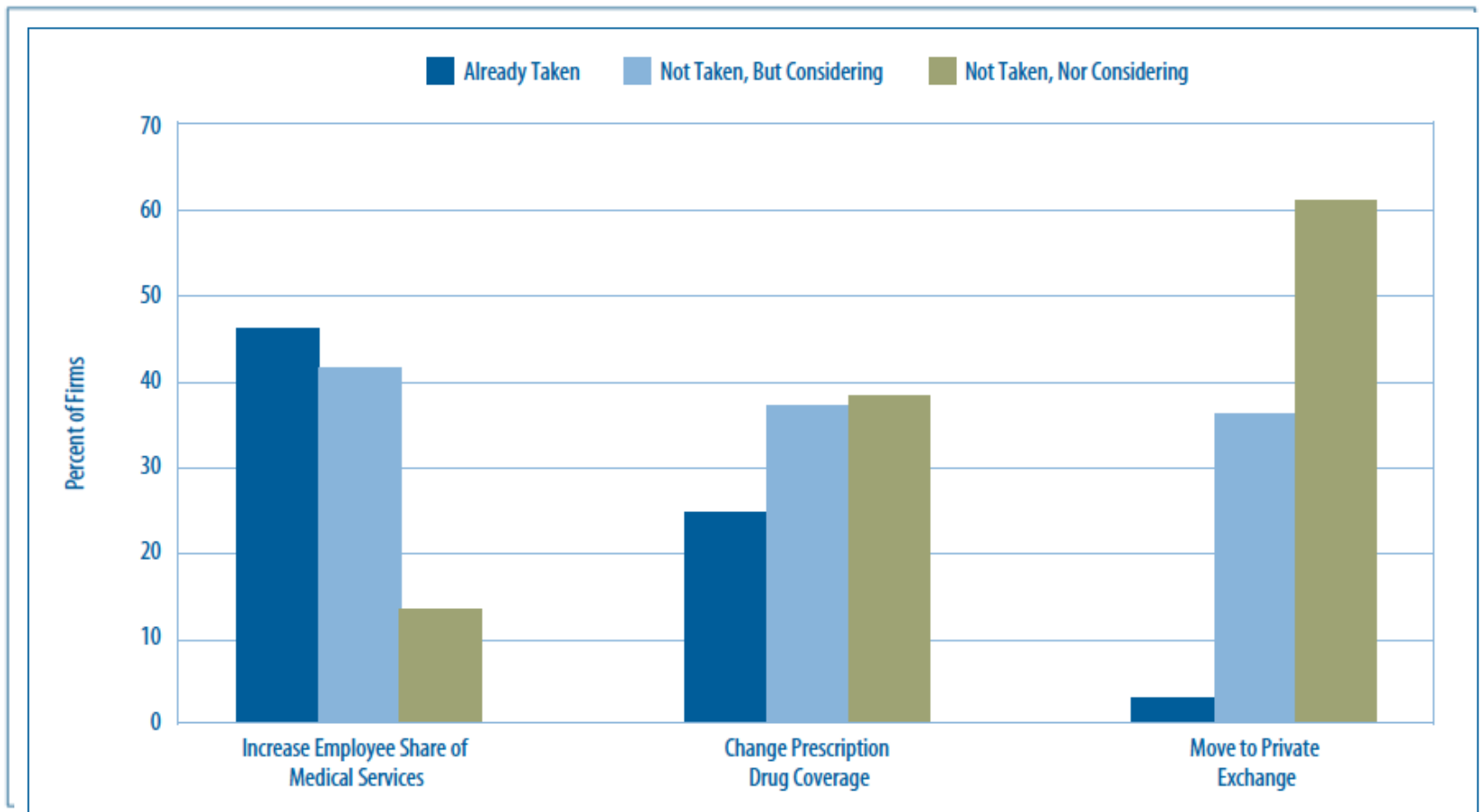


Number of observations: 151

Note: Denominator is only firms that offer insurance in 2015.

The Effects of the Affordable Care Act on Michigan Employers

- Percentage of Firms Using Cost Containment Measures, 2015



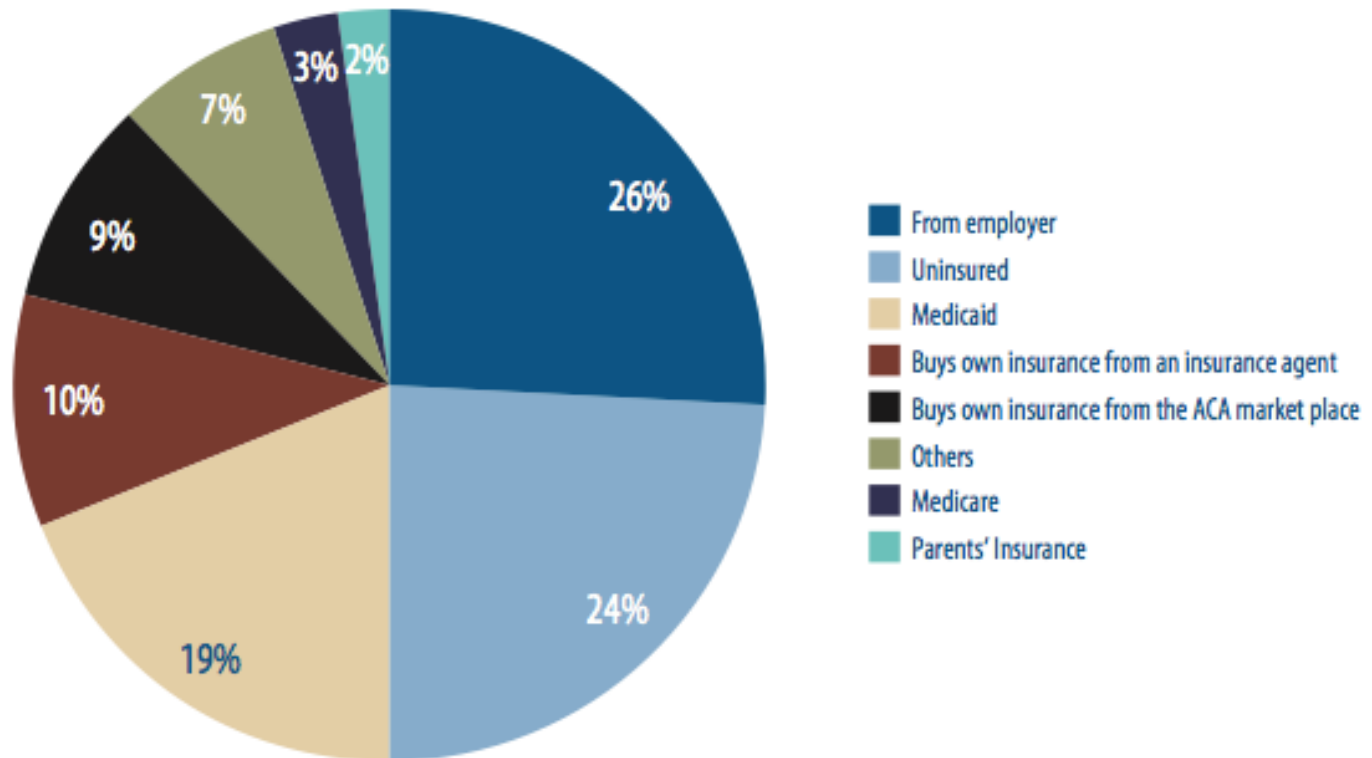
Number of observations: Increase Employee Share of Medical Services 143, Change Prescription Drug Coverage 137, Move to Private Exchange 133

Note: Denominator is only firms that offer insurance in 2015.

Source: Author's calculations

Community Survey

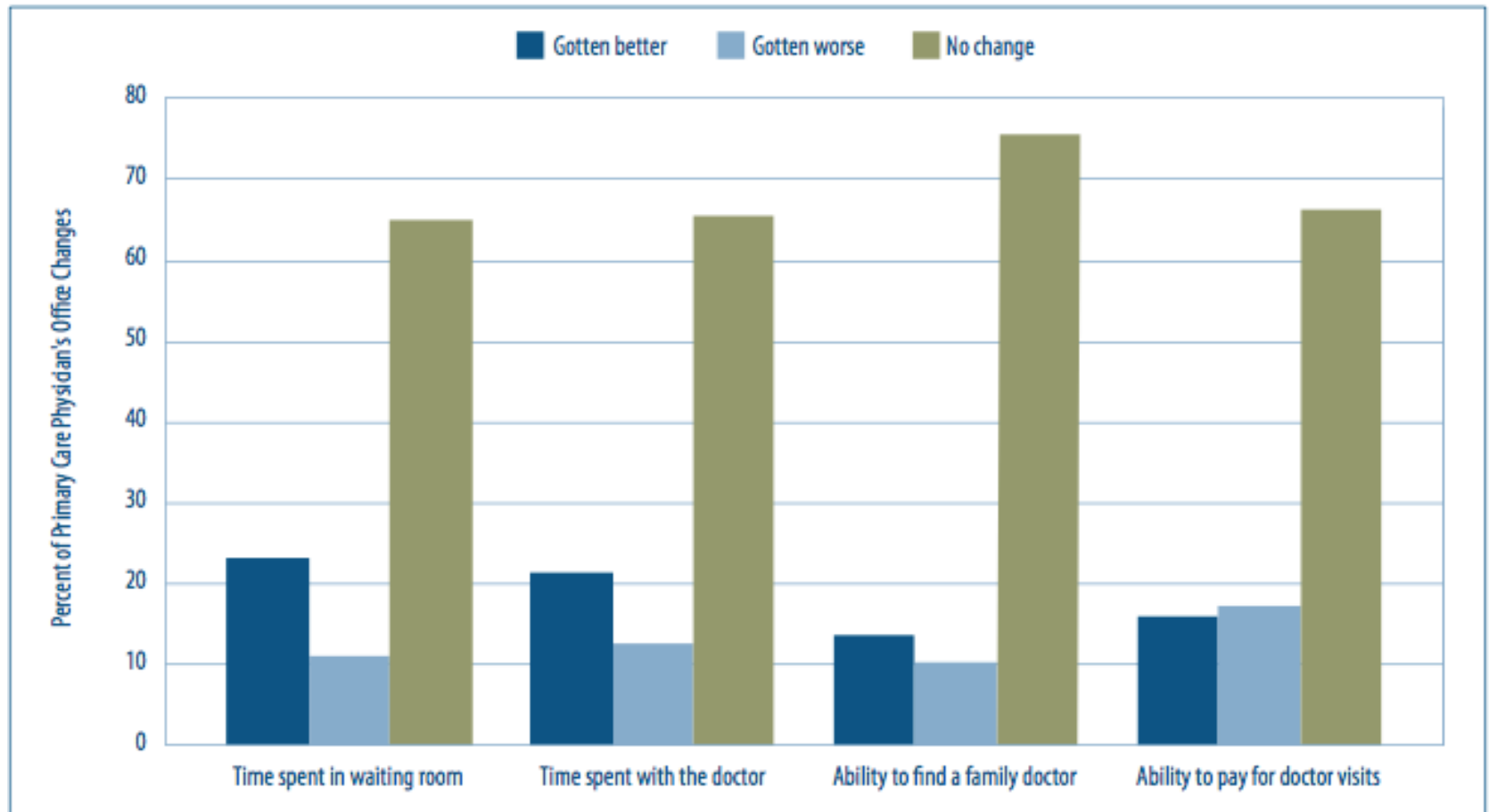
- 2015 Health Insurance Status for those Uninsured in 2014



Number of observations: 96

Community Survey

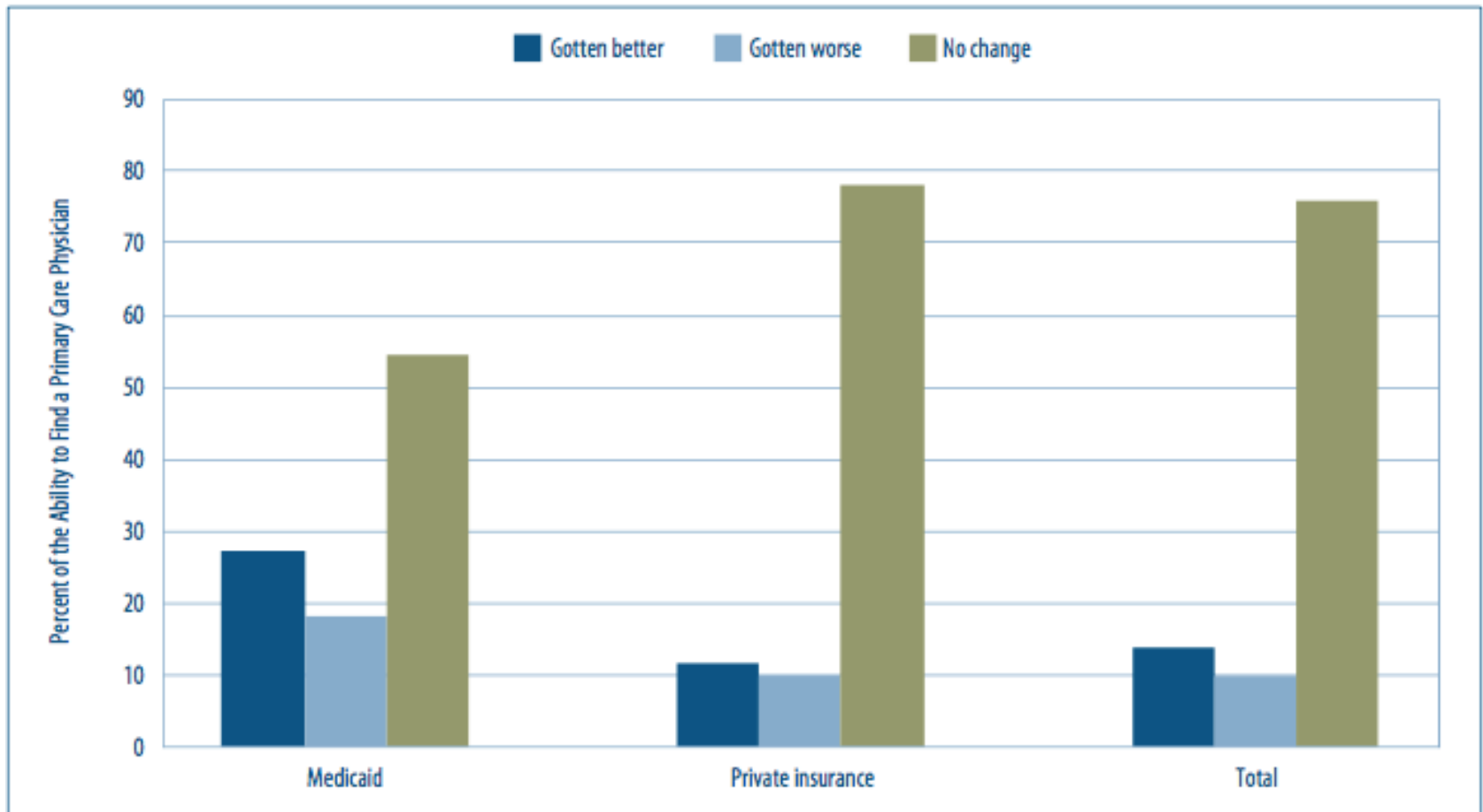
- Primary Care Physician's Office Changes in Last Year



Number of observations: 487

Community Survey

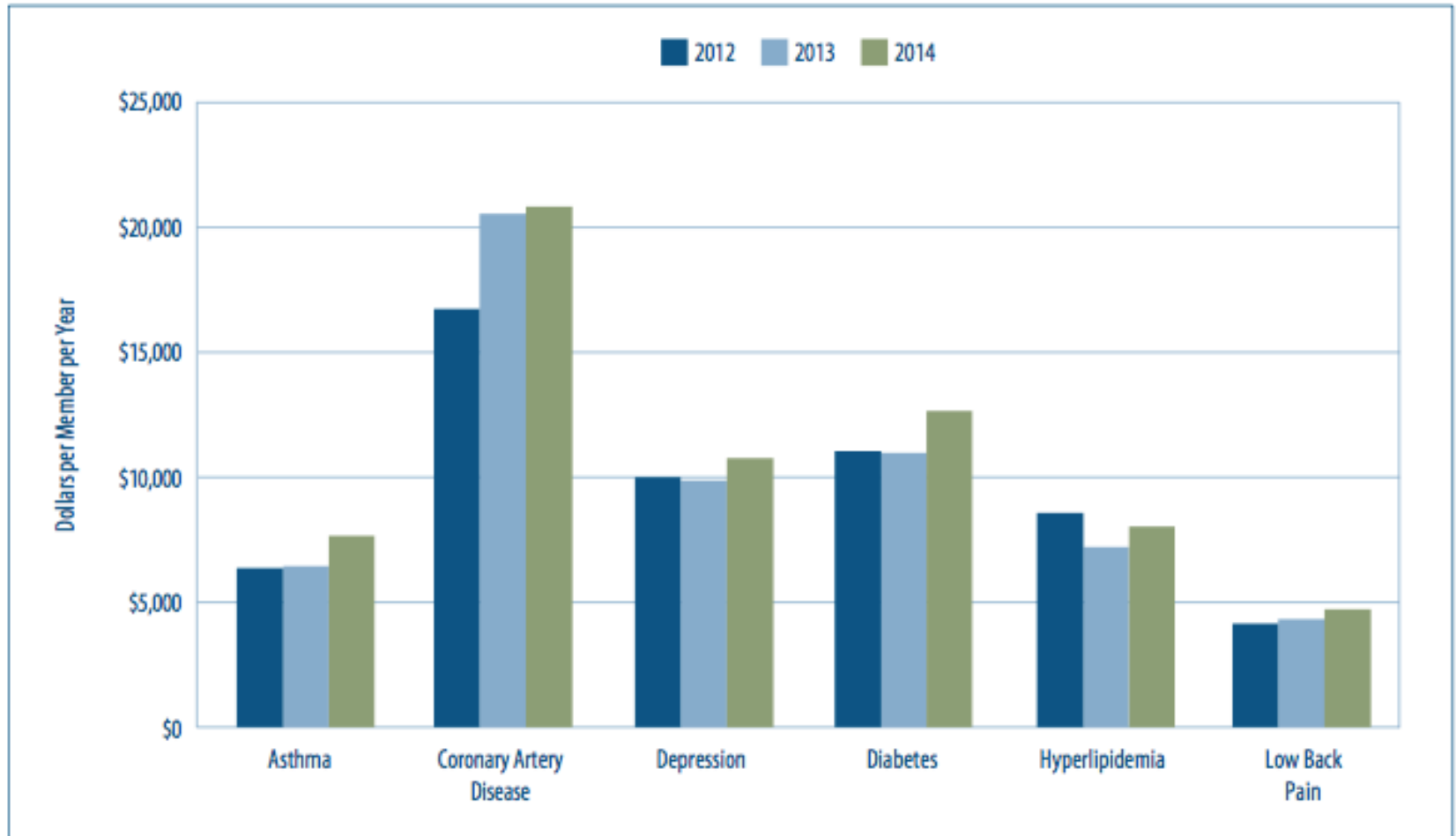
- Ability to Find a Primary Care Physician



Number of observations: 483

Major Medical Conditions

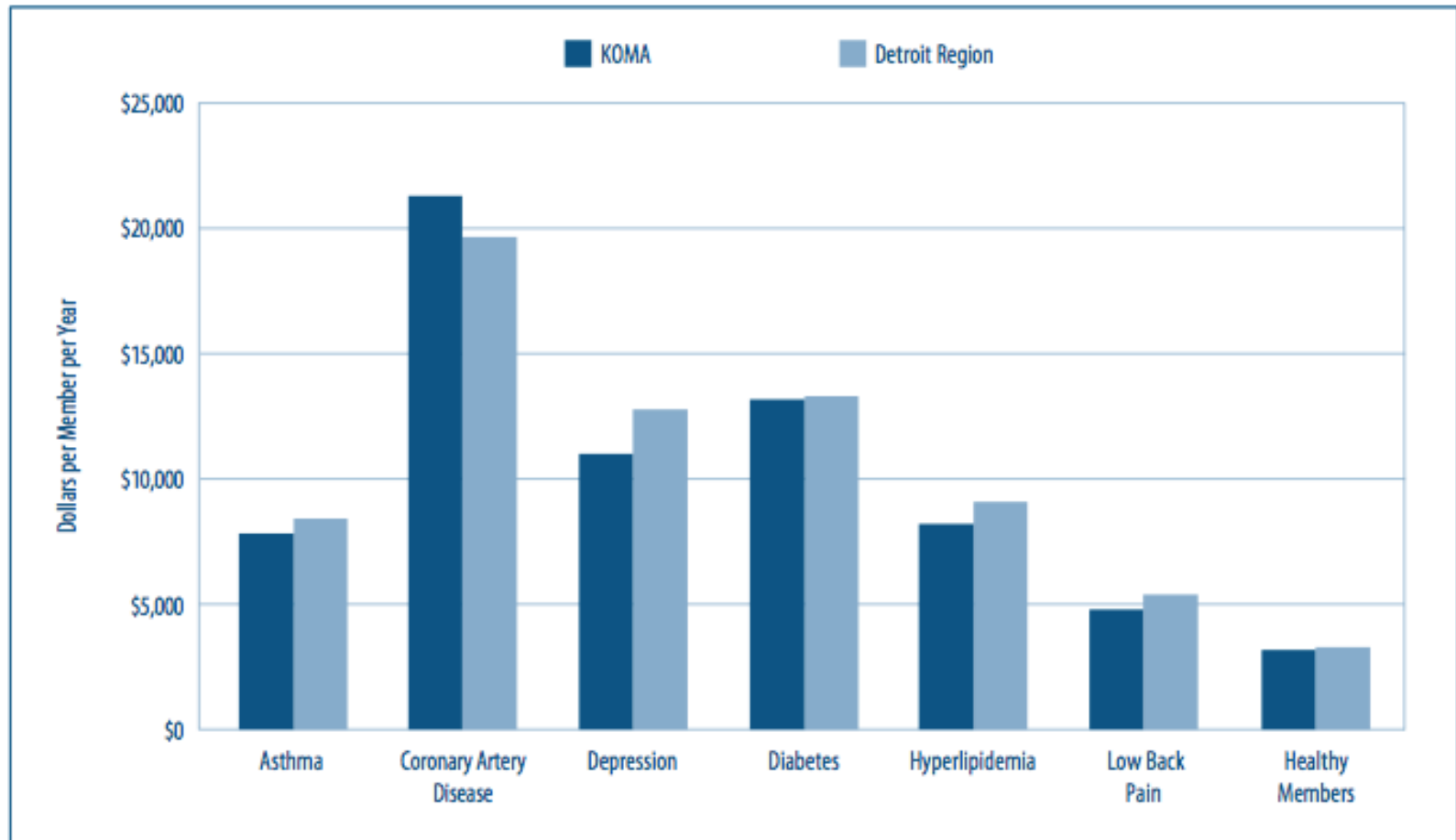
- Average Expenditures per Member in KOMA, 2012 - 2014



Source: BCBSM, BCN, and Priority Health member data

Major Medical Conditions

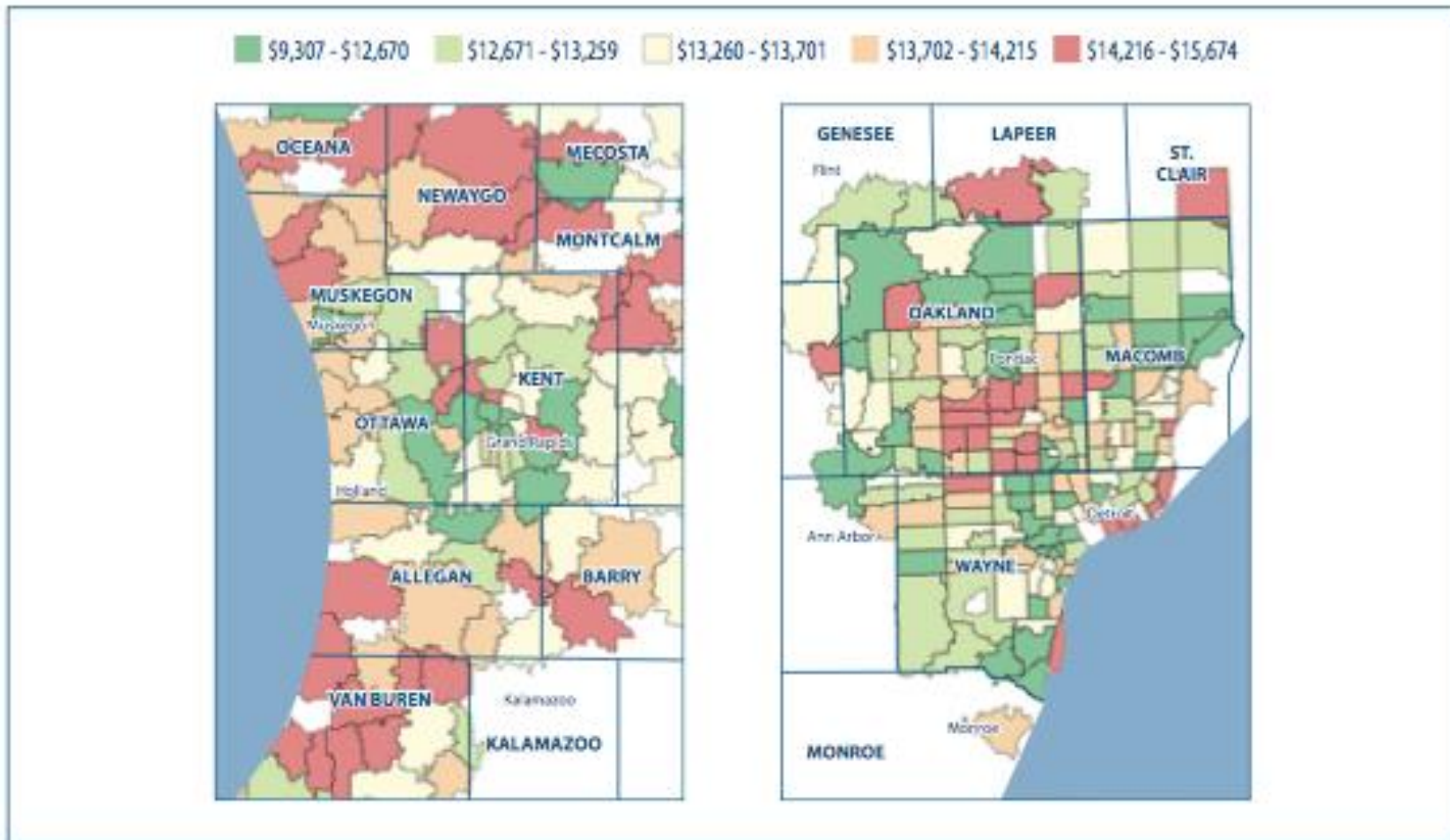
- Average Expenditures per Member, 2014



Source: BCBSM, BCN, and Priority Health member data

Major Medical Conditions

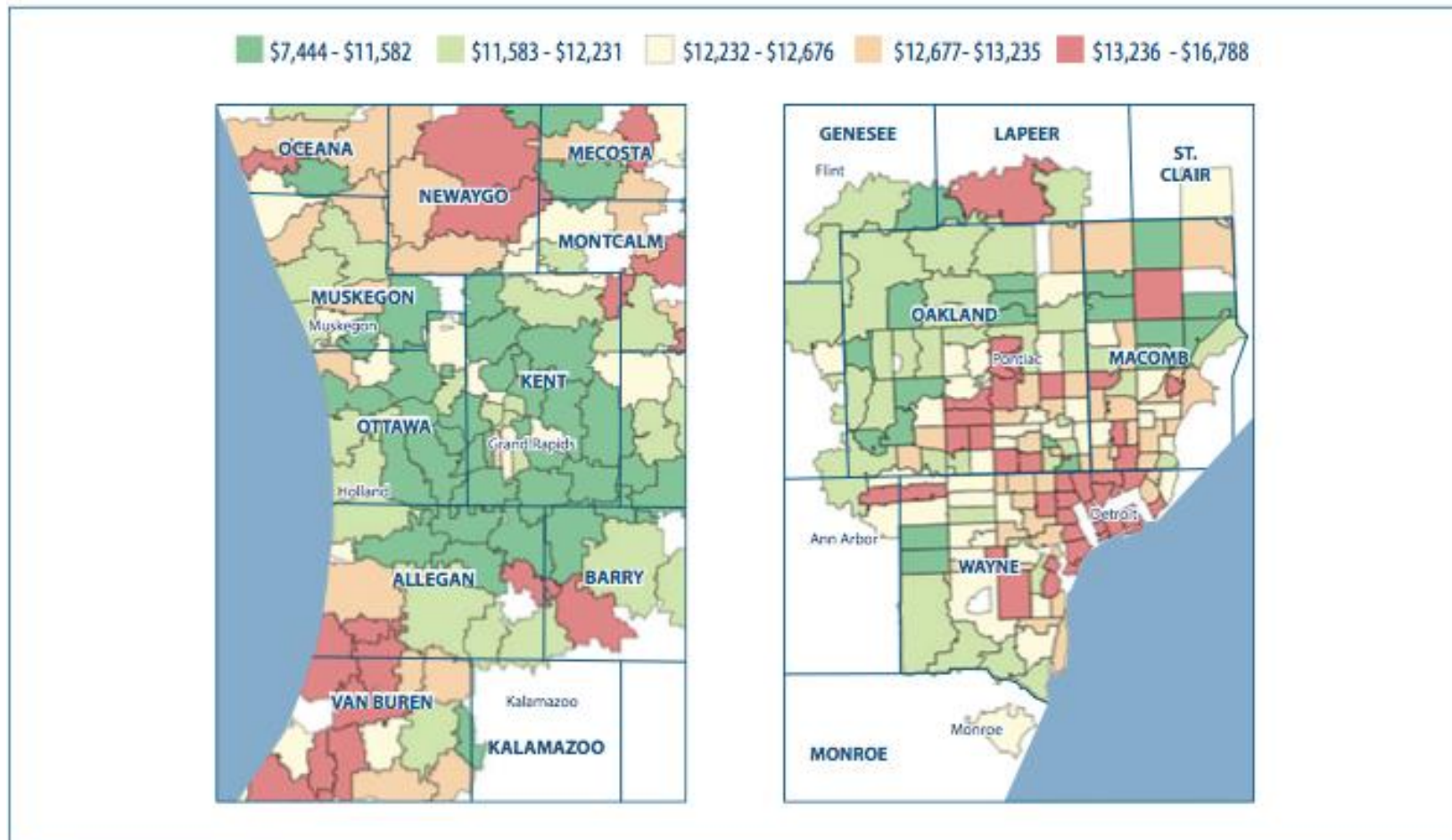
- Distribution of Average Annual Expenditures for Diabetes



Source: BCBSM, BCN, and Priority Health member data

Major Medical Conditions

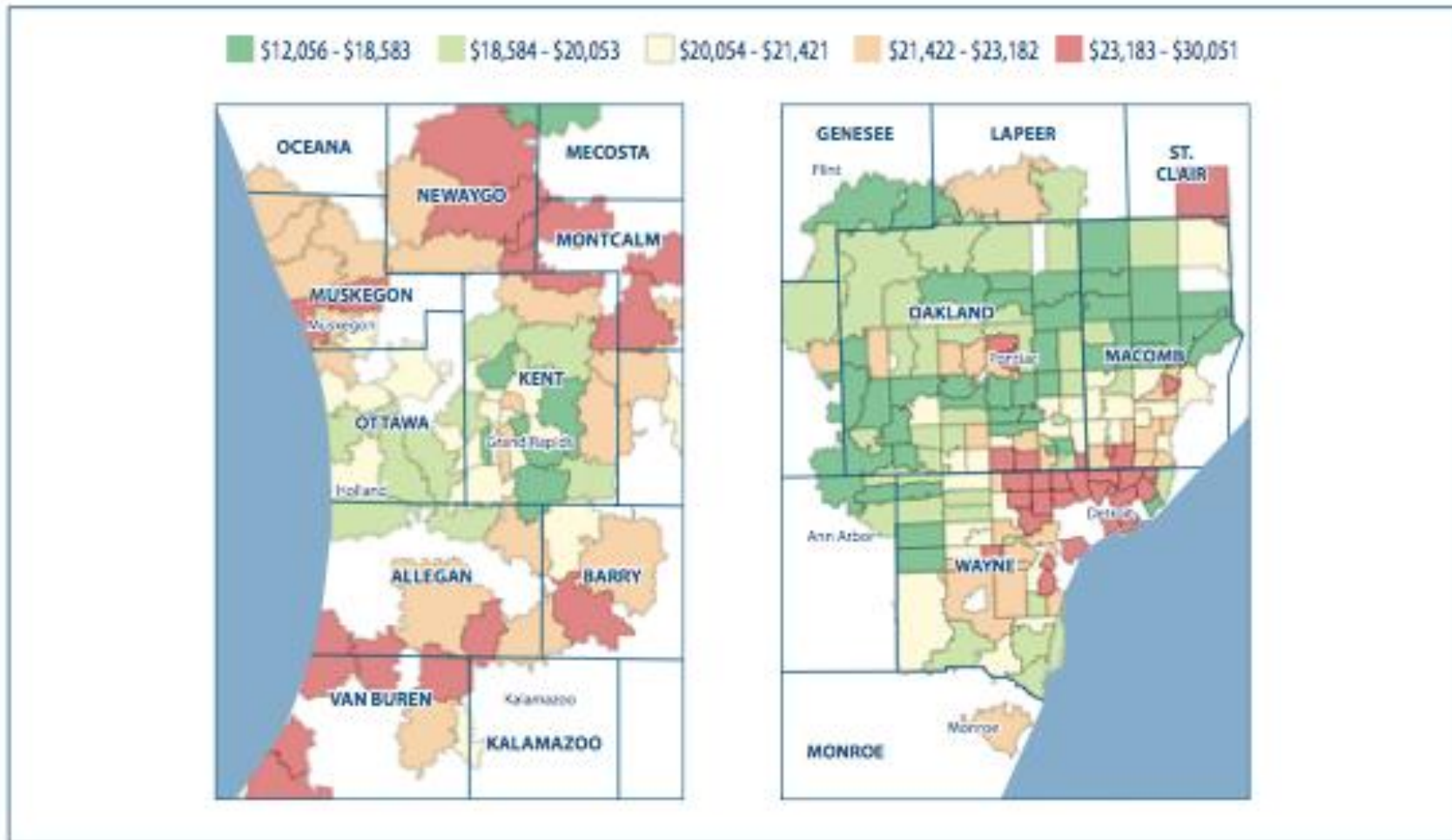
- Distribution of Average Annual Expenditures for Depression



Source: BCBSM, BCN, and Priority Health member data

Major Medical Conditions

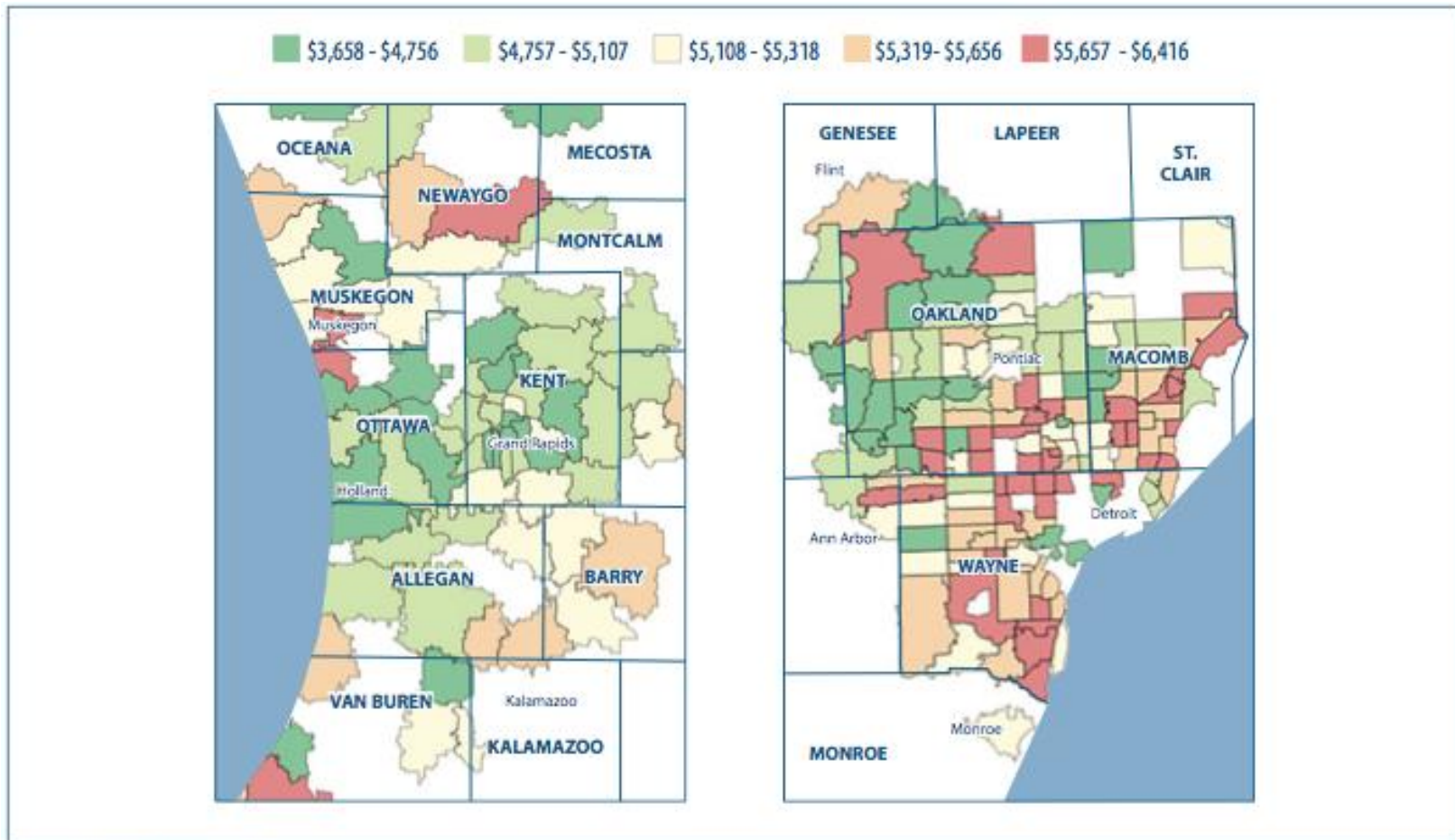
- Distribution of Average Annual Expenditures for Coronary Artery Disease



Source: BCBSM, BCN, and Priority Health member data

Major Medical Conditions

- Distribution of Average Annual Expenditures for Low Back Pain



Source: BCBSM, BCN, and Priority Health member data