

Health Check 2021

Erkmen Aslim, Daniel Montanera, and Gerry Simons

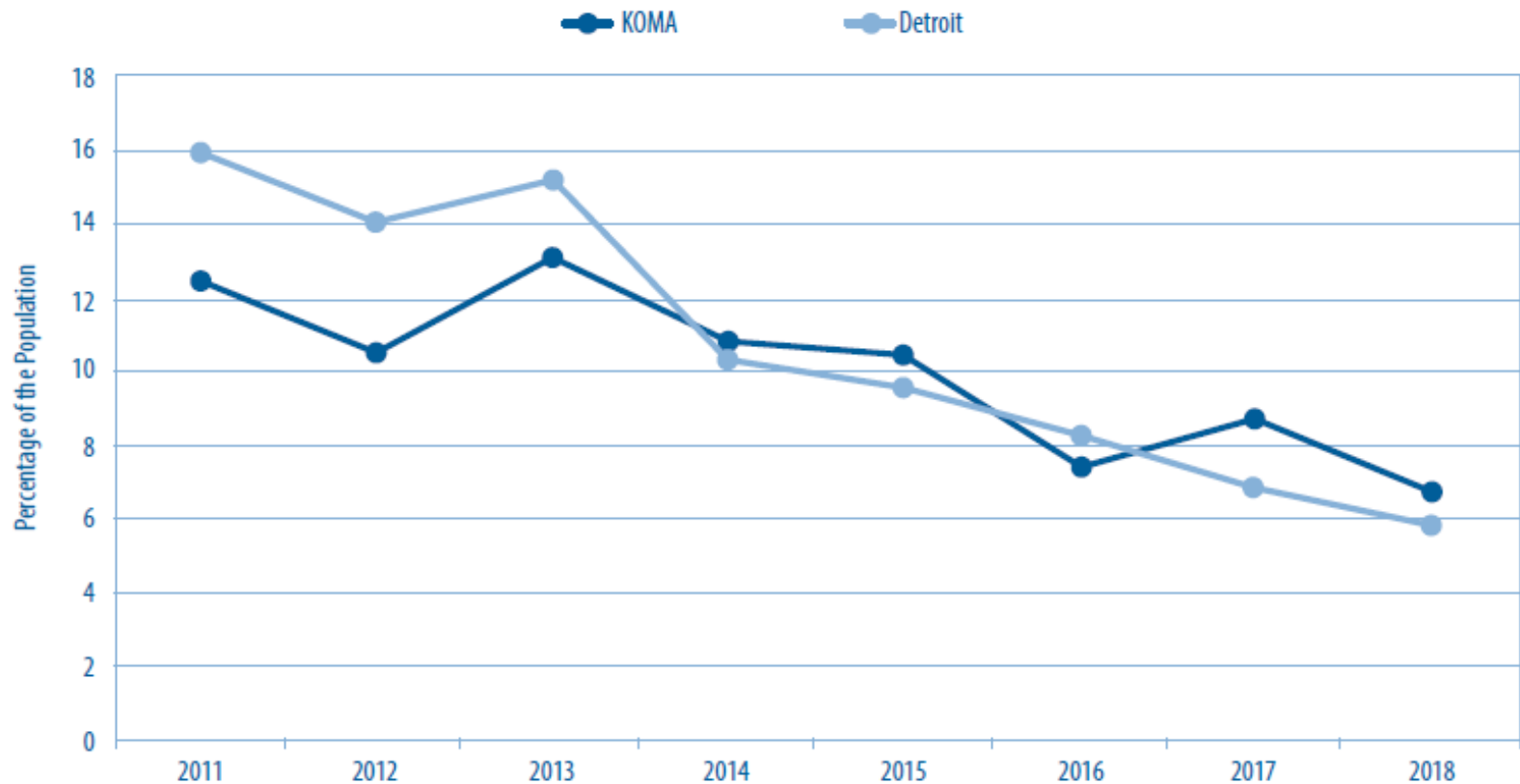
Health Care Overview

Preview of Findings

- Better access – health insurance & primary care
 - Worse mental health outcomes over time
 - Increase in some risky health behaviors
- Spending and utilization in West Michigan relatively low
- Advantage has weakened or vanished over time
 - Medicaid patients increase ED visits for deferrable medical conditions
- Effects of COVID-19 vary in Michigan
 - Flint and Detroit most severely affected

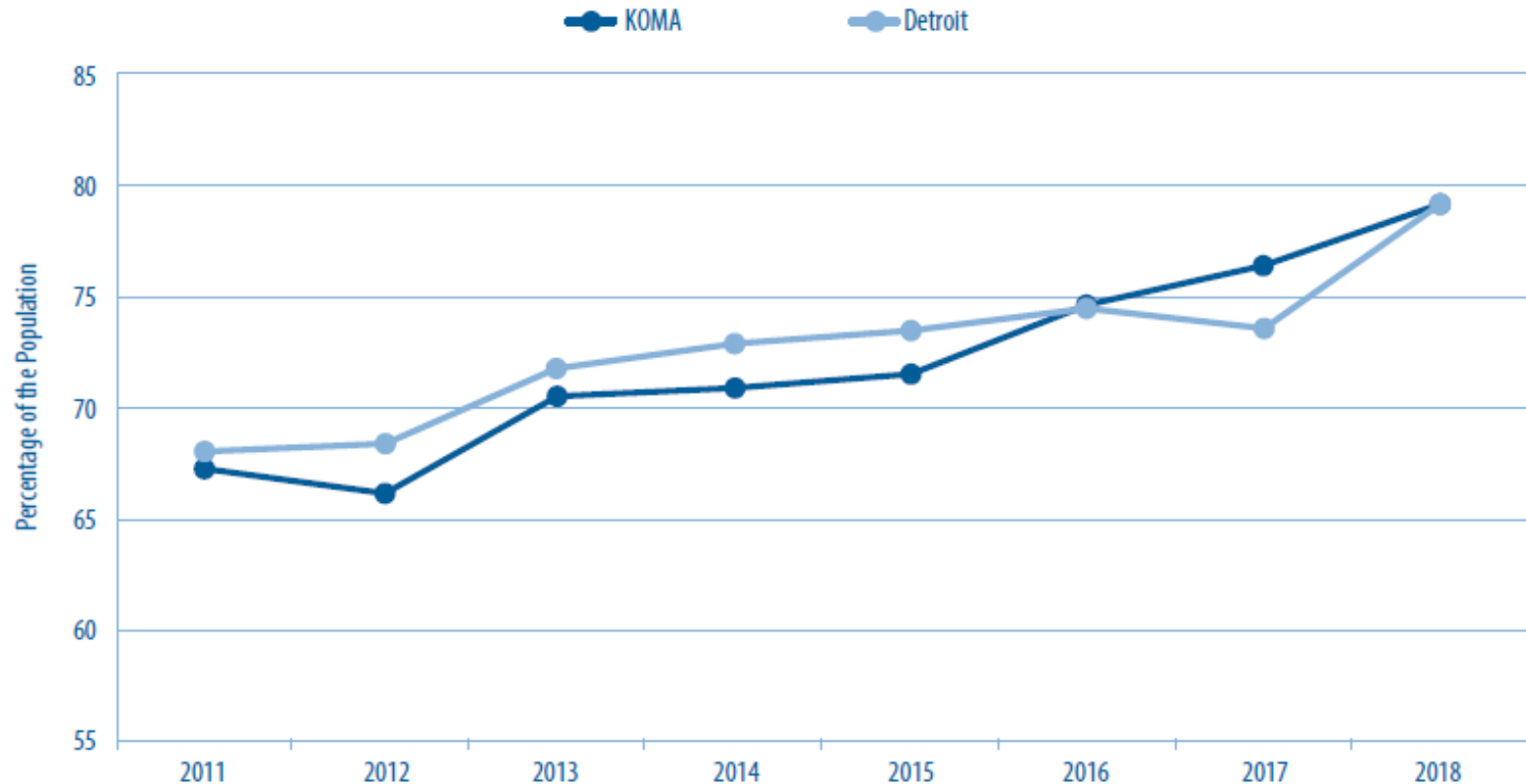
Health Care Overview – Pg. 44

- Figure 15: No Health Insurance



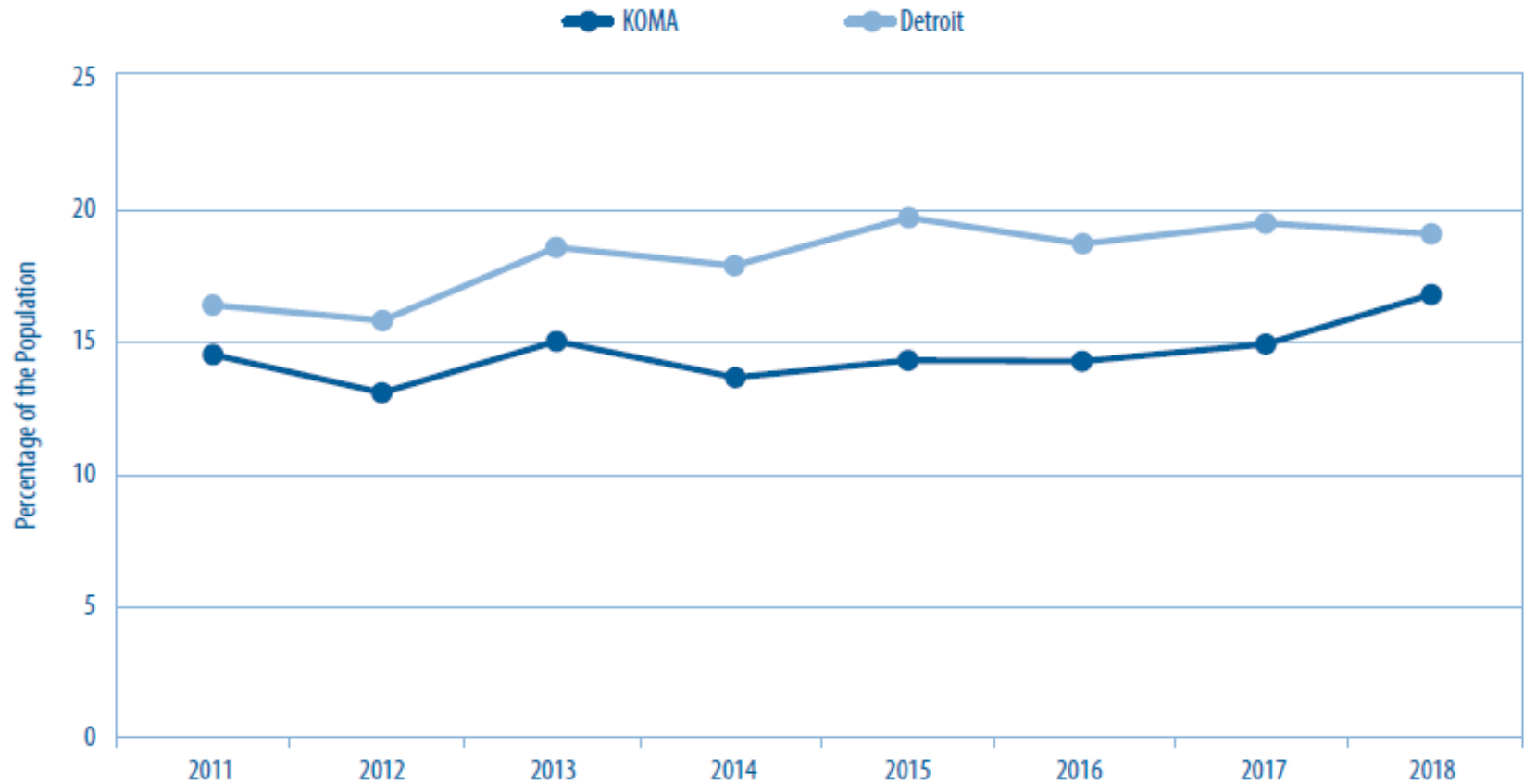
Health Care Overview – Pg. 45

- Figure 18: Had Routine Checkup in Past Year



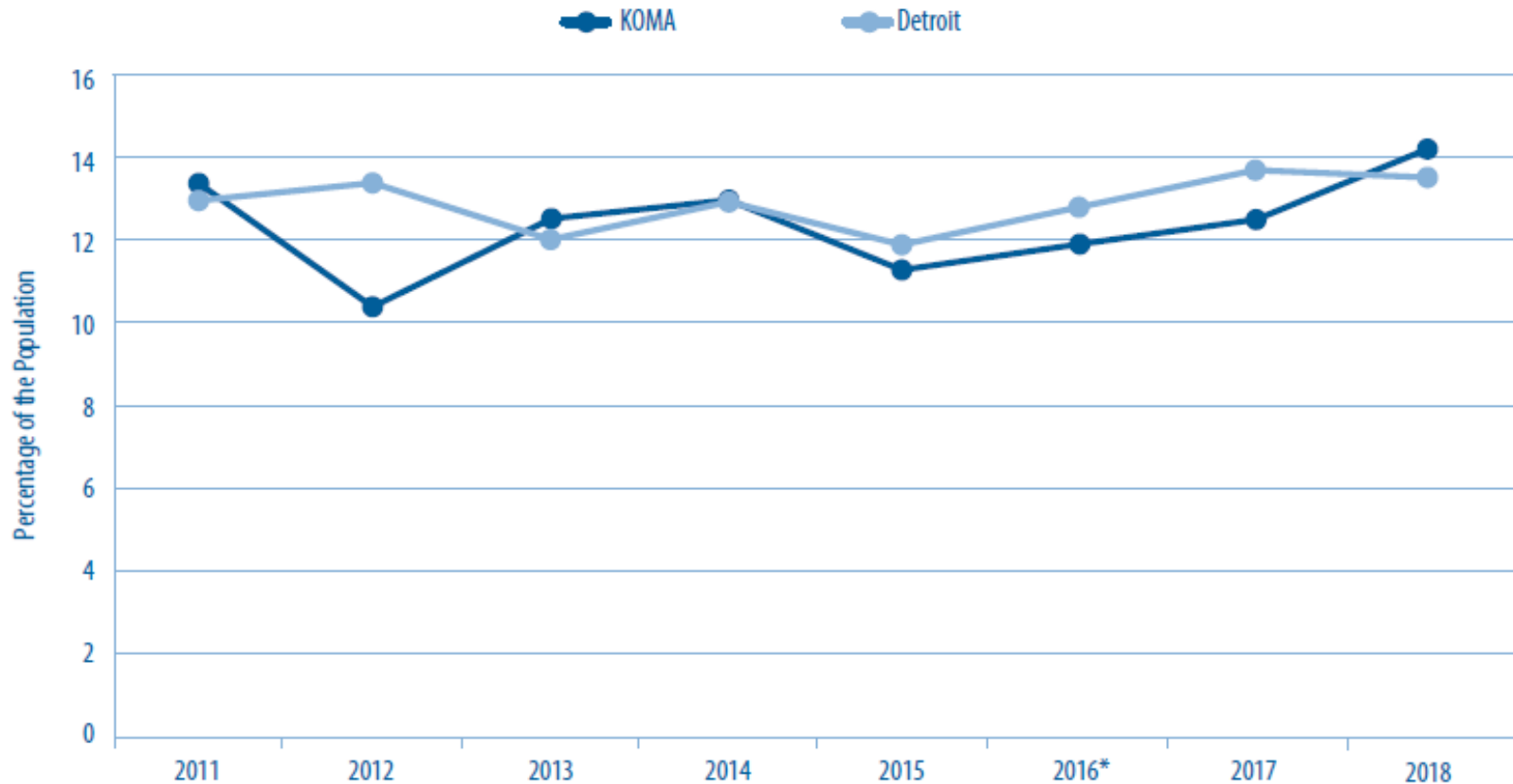
Health Care Overview – Pg. 43

- Figure 14: Health Status – Fair or Poor Health



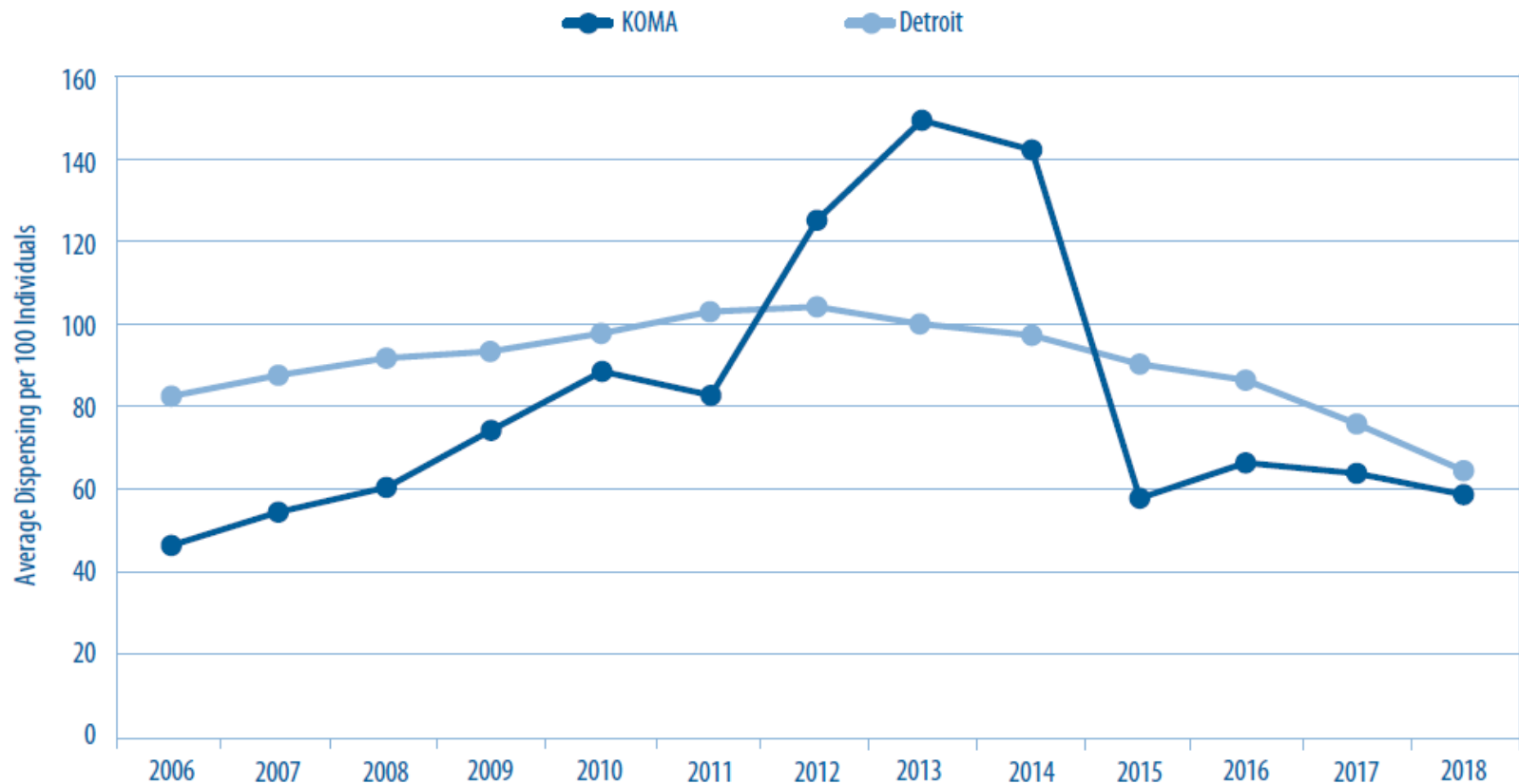
Health Care Overview – Pg. 38

- Figure 4: Poor Mental Health Days



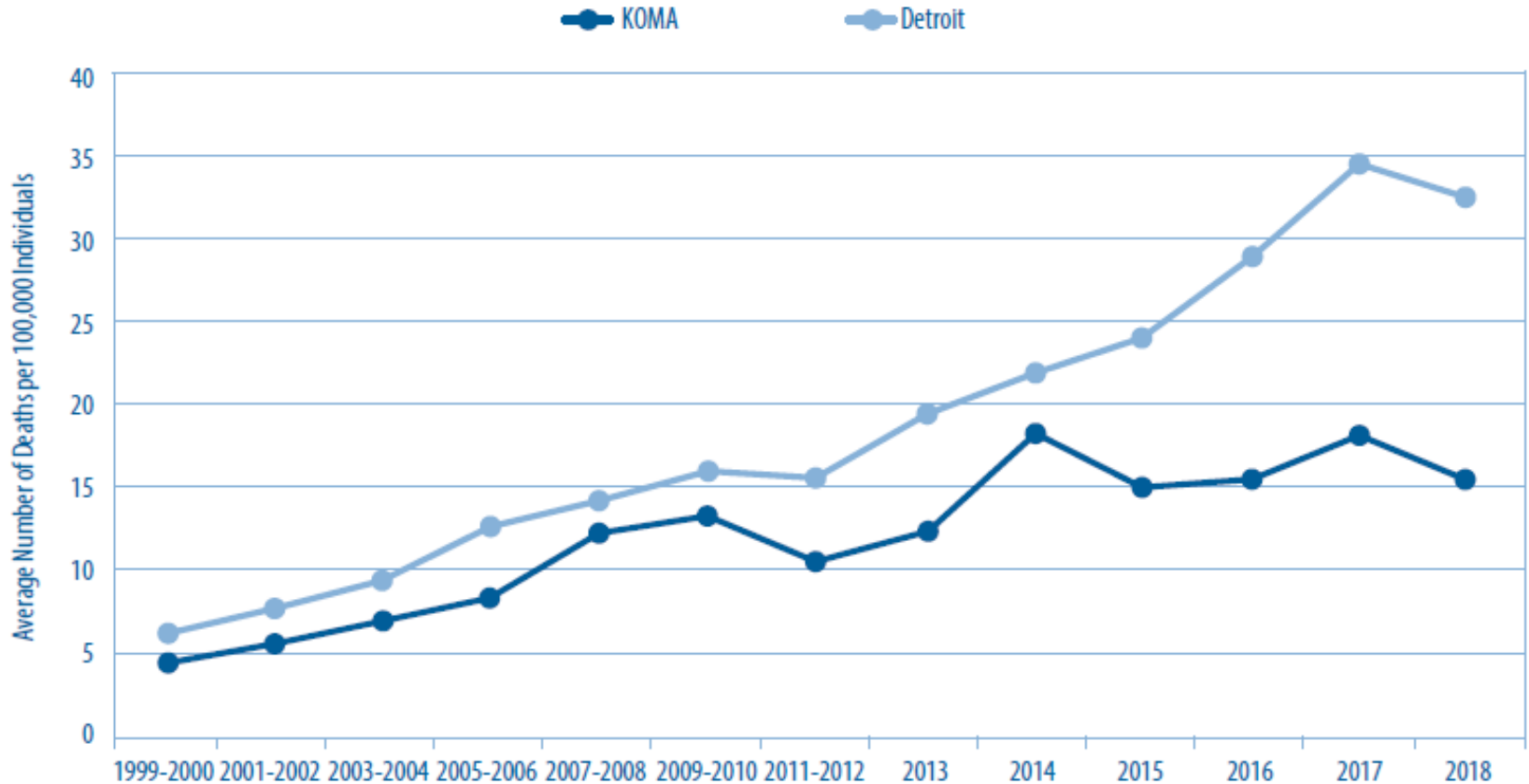
Health Care Overview – Pg. 37

- Figure 1: Opioid Prescription Dispensing



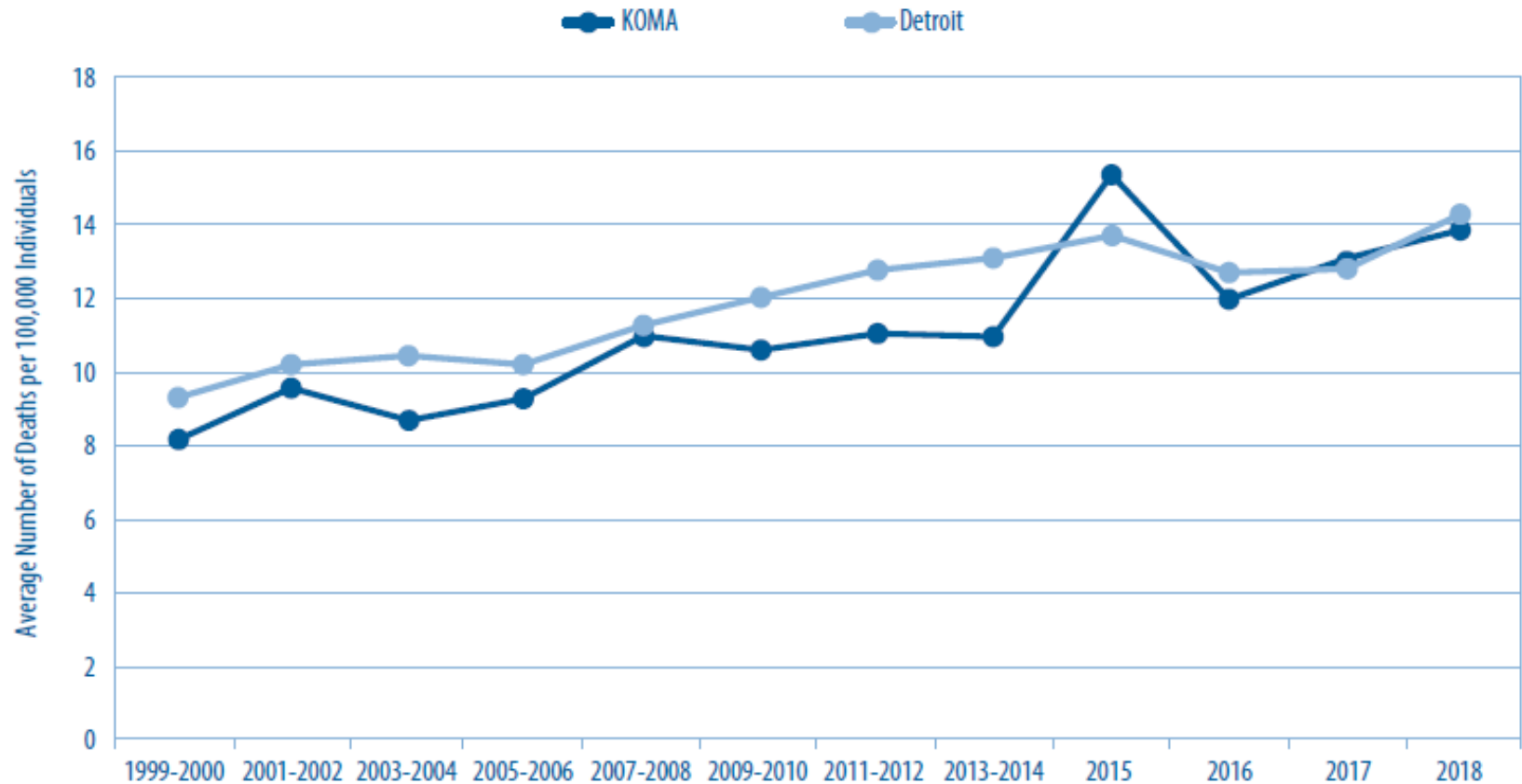
Health Care Overview – Pg. 37

- Figure 2: Drug Overdose Deaths



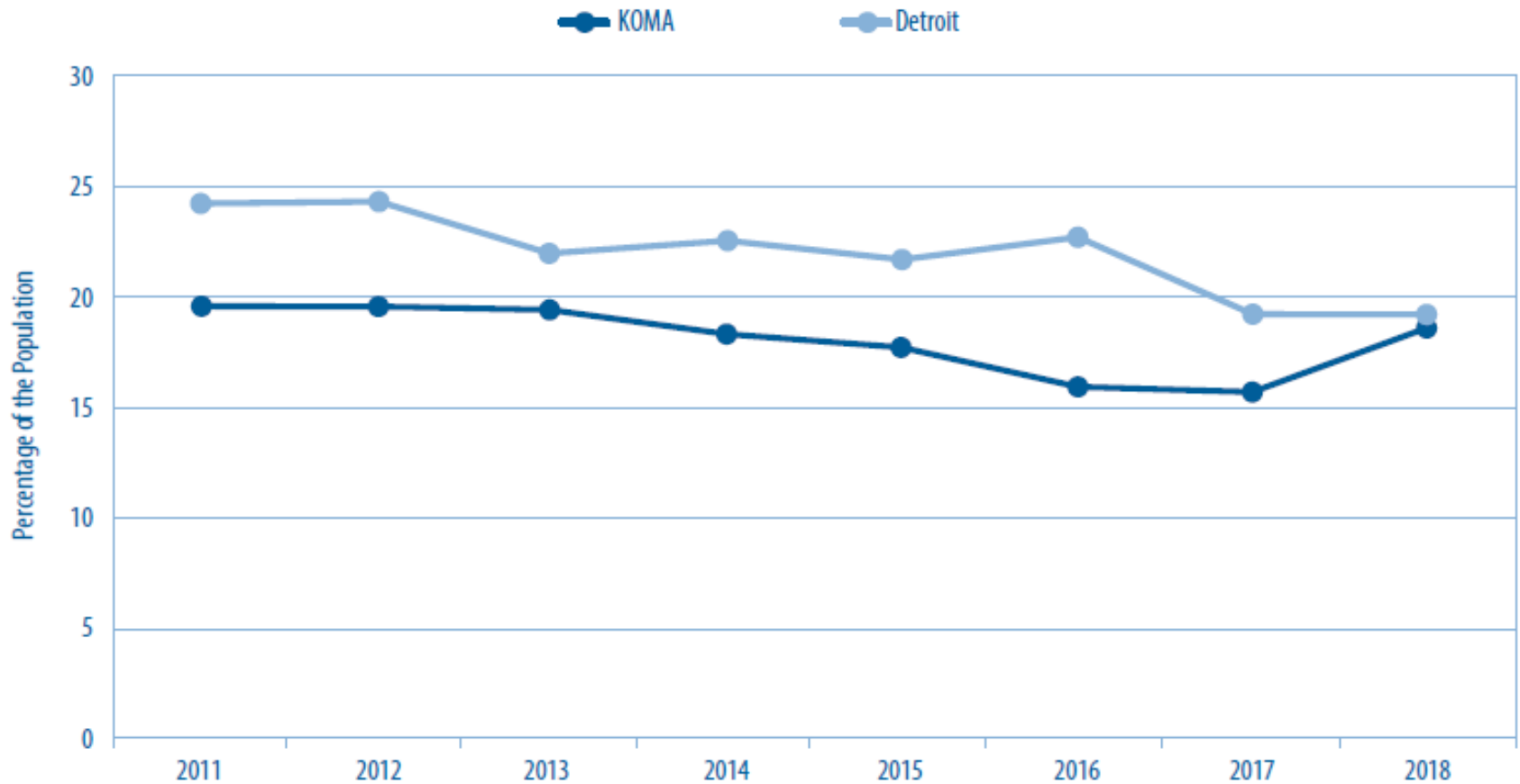
Health Care Overview – Pg. 38

- Figure 3: Deaths from Suicide



Health Care Overview – Pg. 40

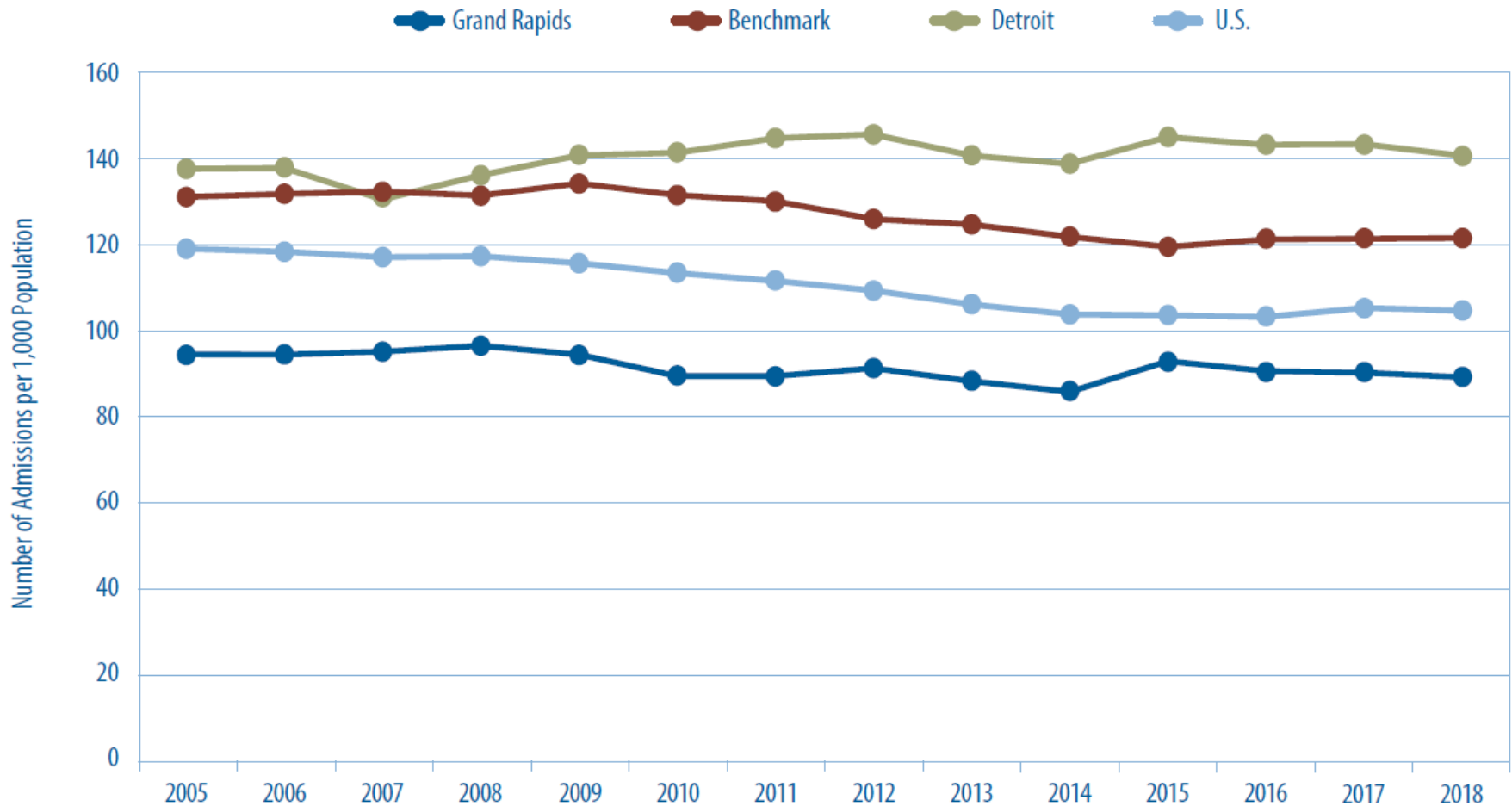
- Figure 7: Current Cigarette Smokers



Benchmarking Communities

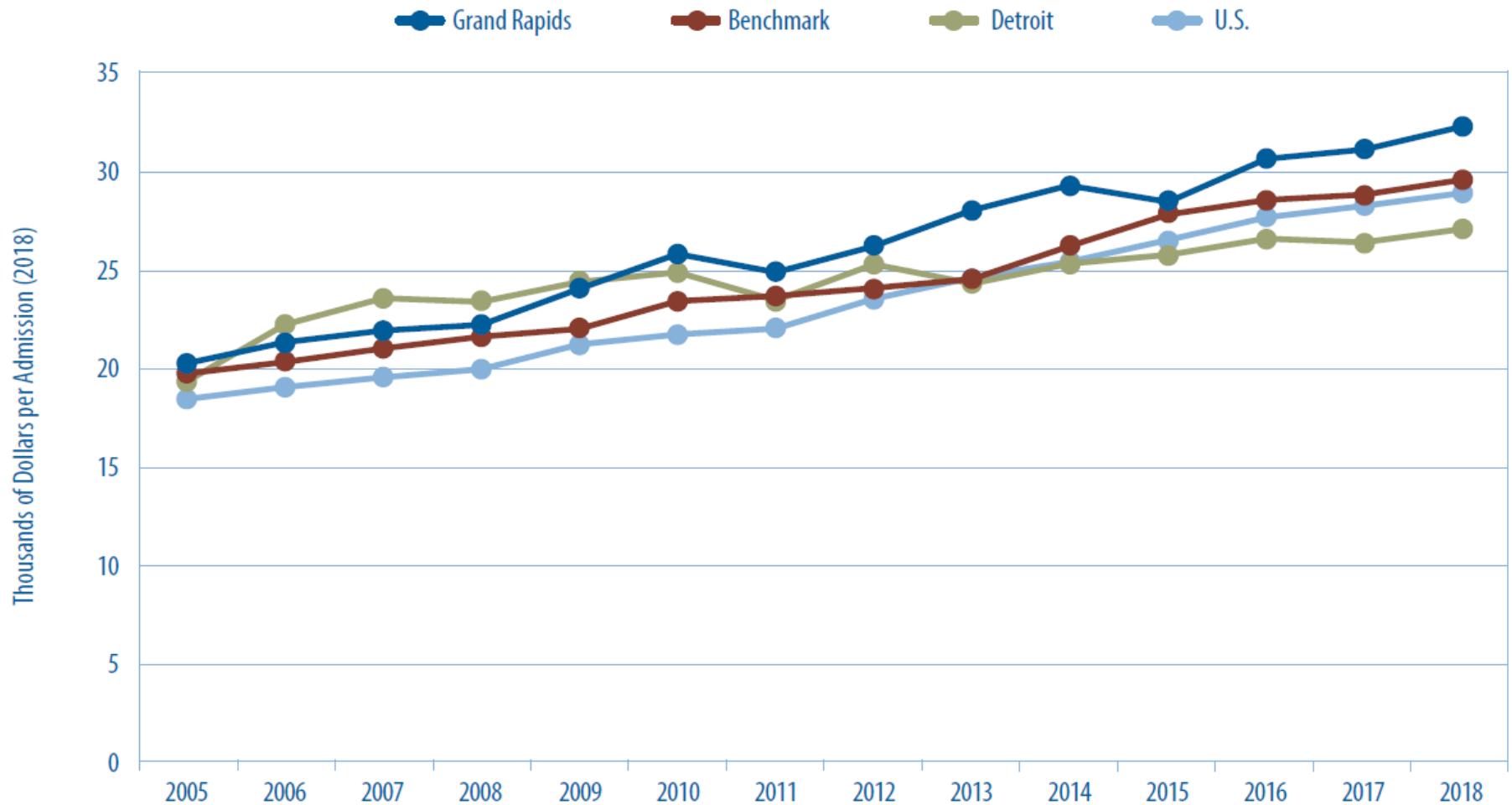
Benchmarking Communities – Pg. 53

- Figure 2: Hospital Admissions per 1,000 Population



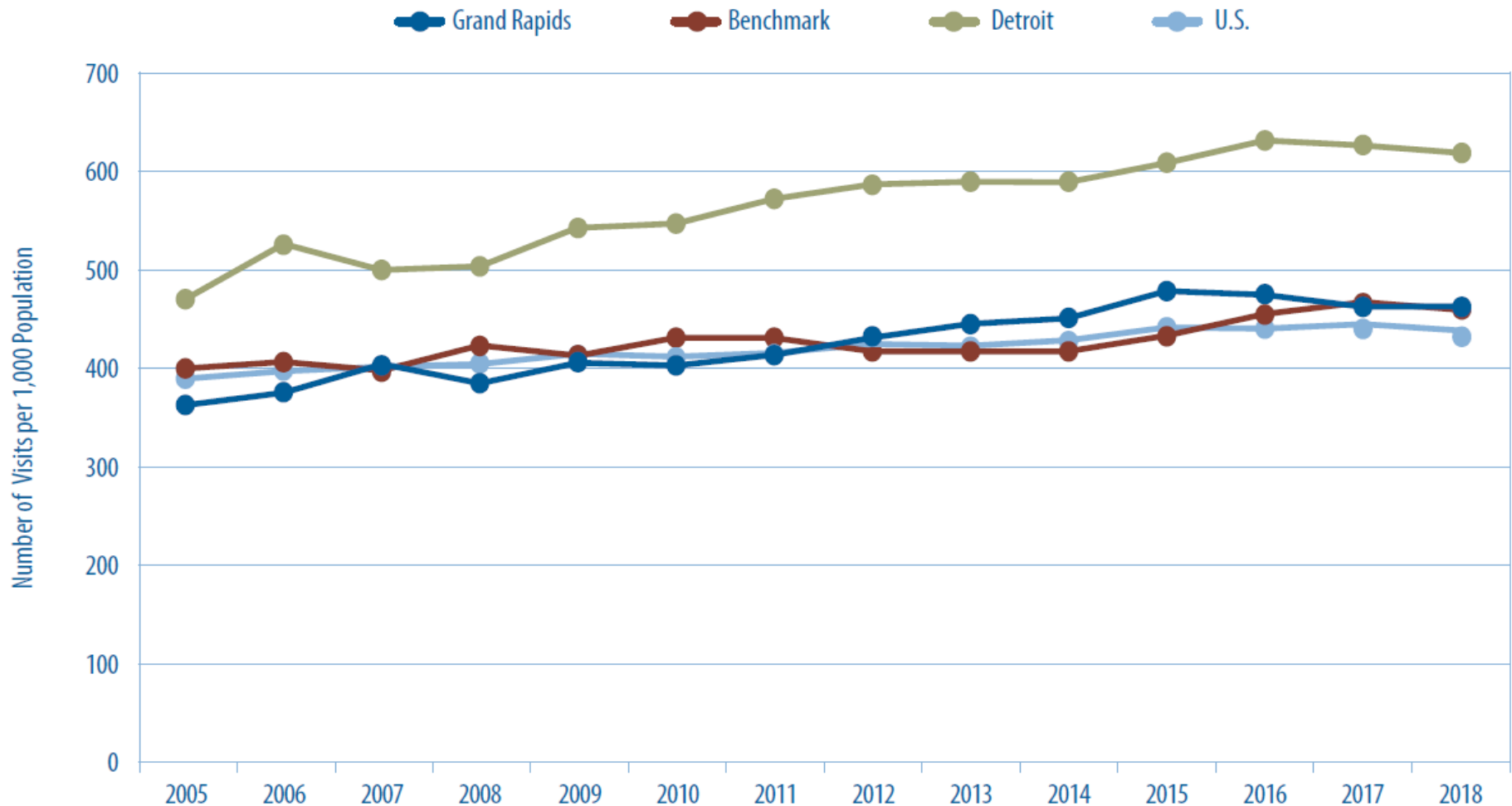
Benchmarking Communities – Pg. 56

- Figure 8: Hospital Expenses per Admission



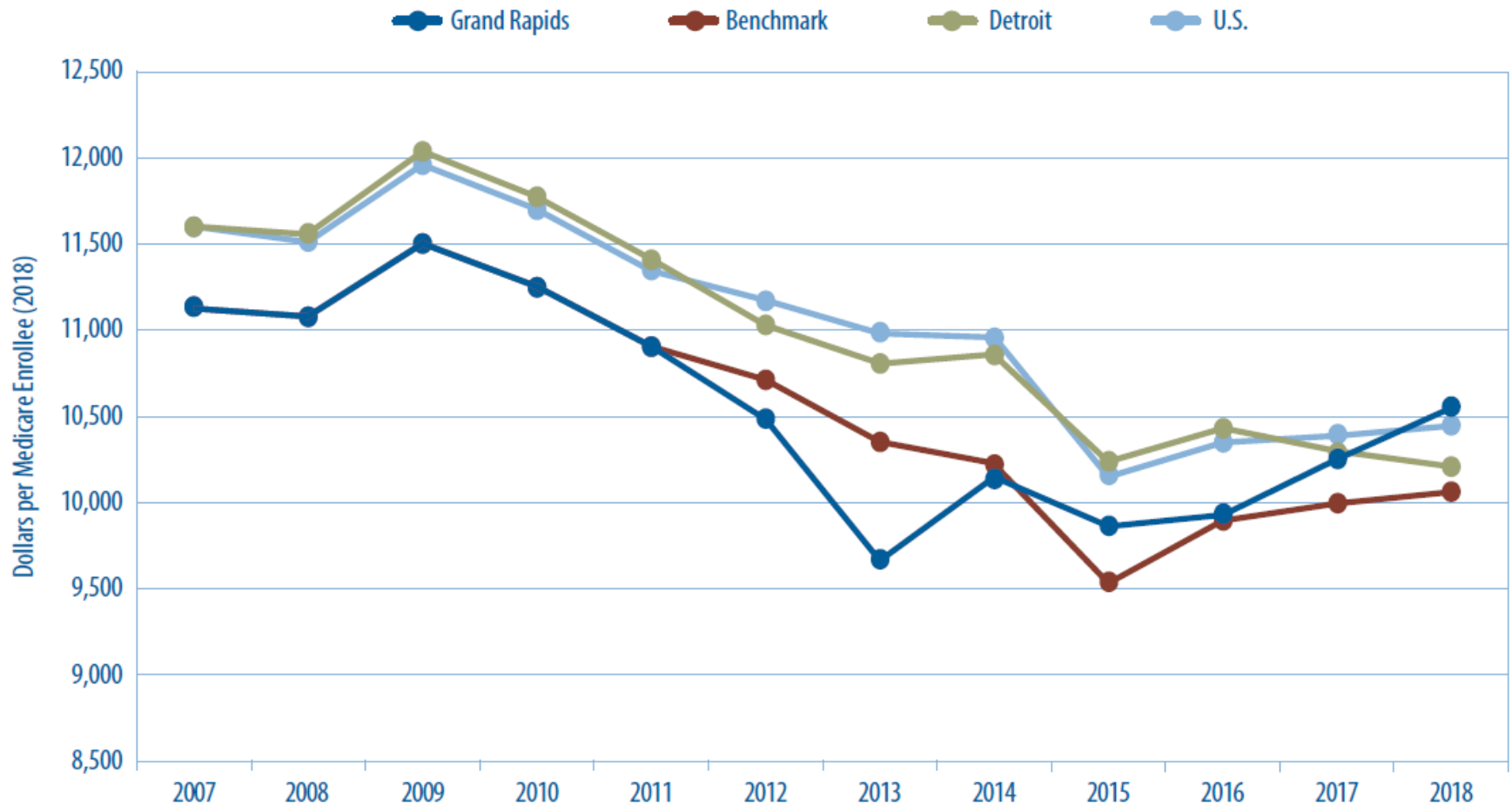
Benchmarking Communities – Pg. 54

- Figure 4: ED Visits per 1,000 Population



Benchmarking Communities – Pg. 57

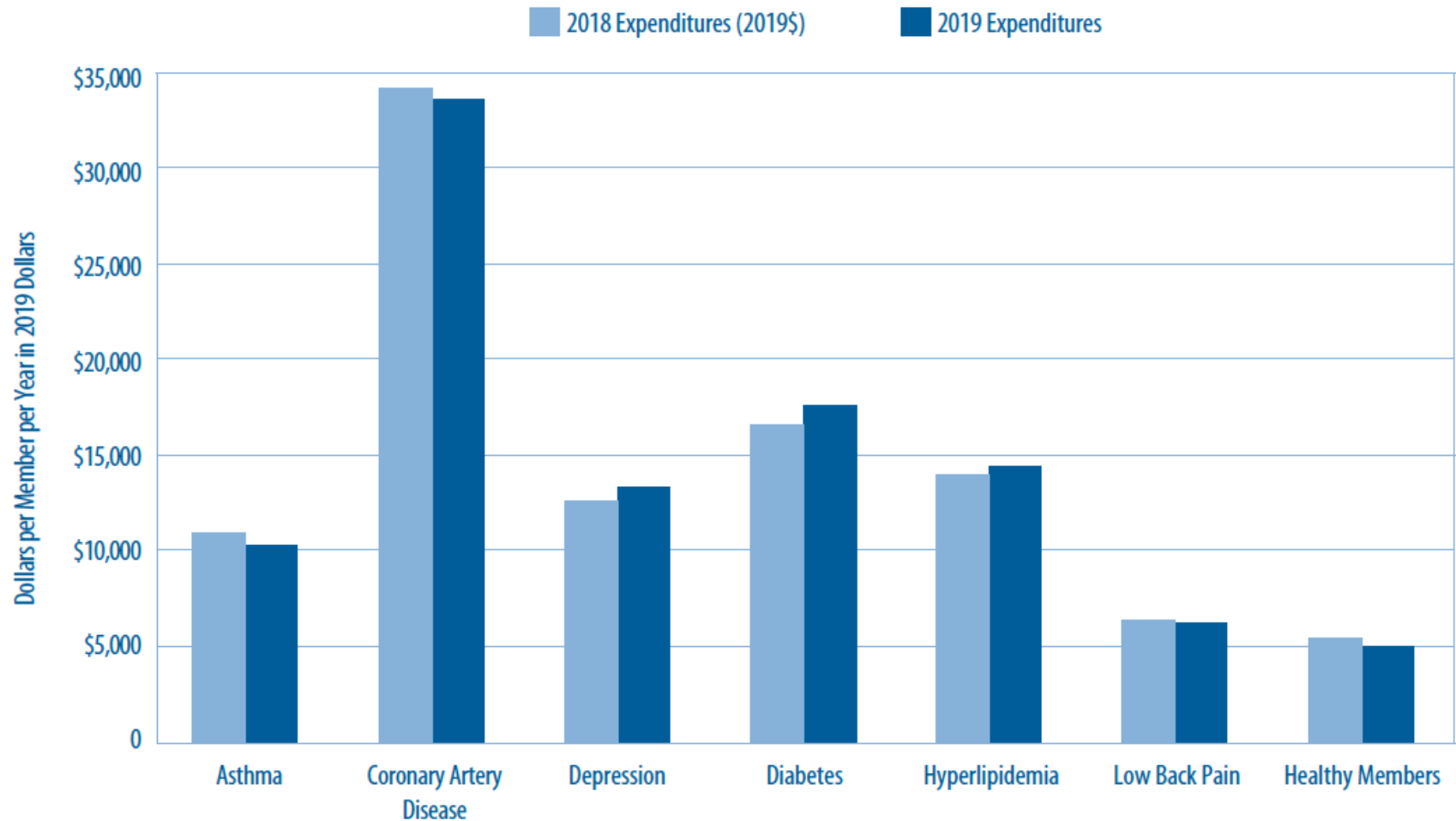
- Figure 9: Adjusted Average Medicare Expenditures, 2007 - 2018



Major Medical Conditions

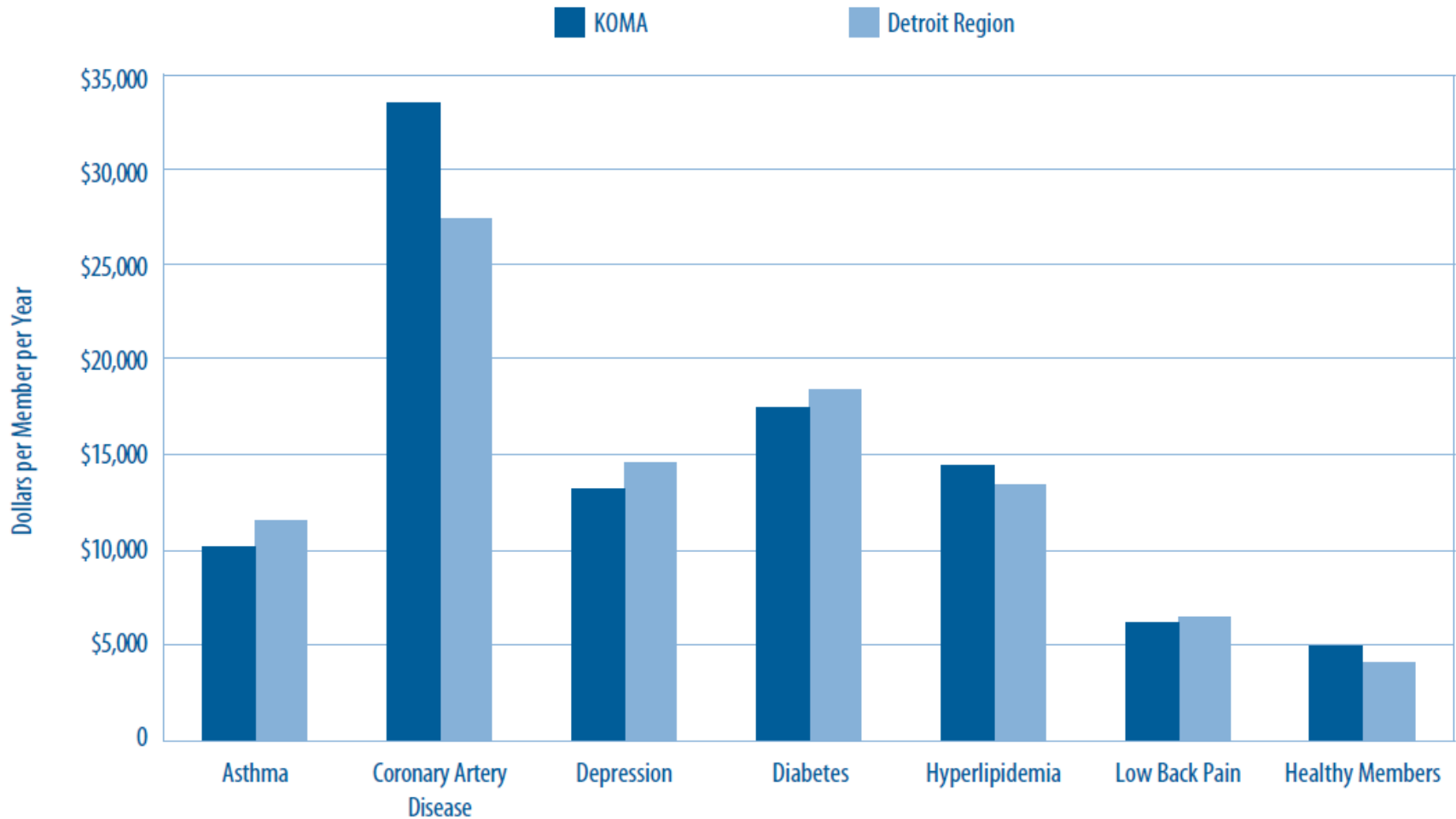
Major Medical Conditions – Pg. 63

- Figure 1a: Average KOMA Expenditures, 2018 & 2019



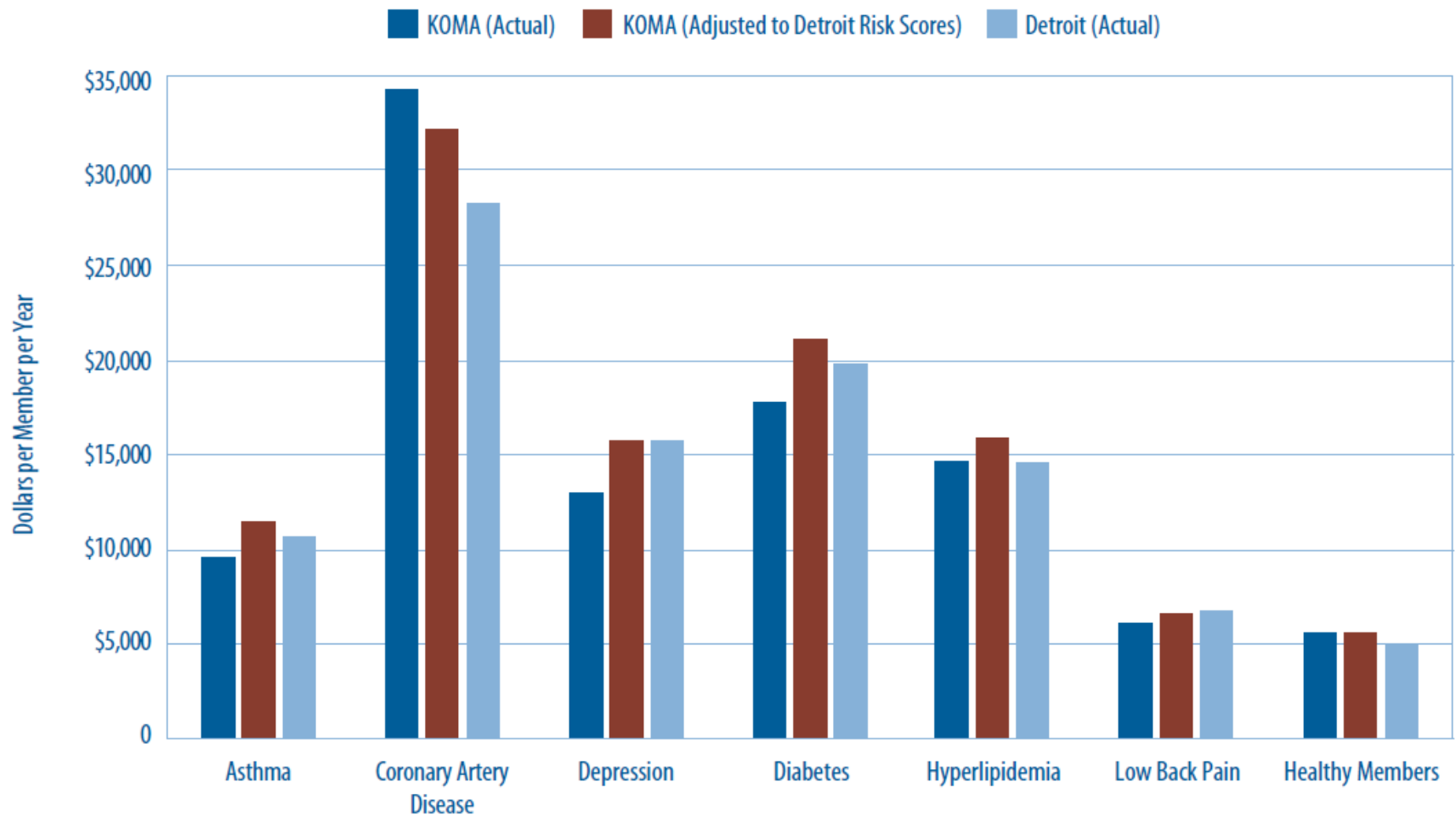
Major Medical Conditions – Pg. 65

- Figure 3a: KOMA & Detroit Expenditures, 2019



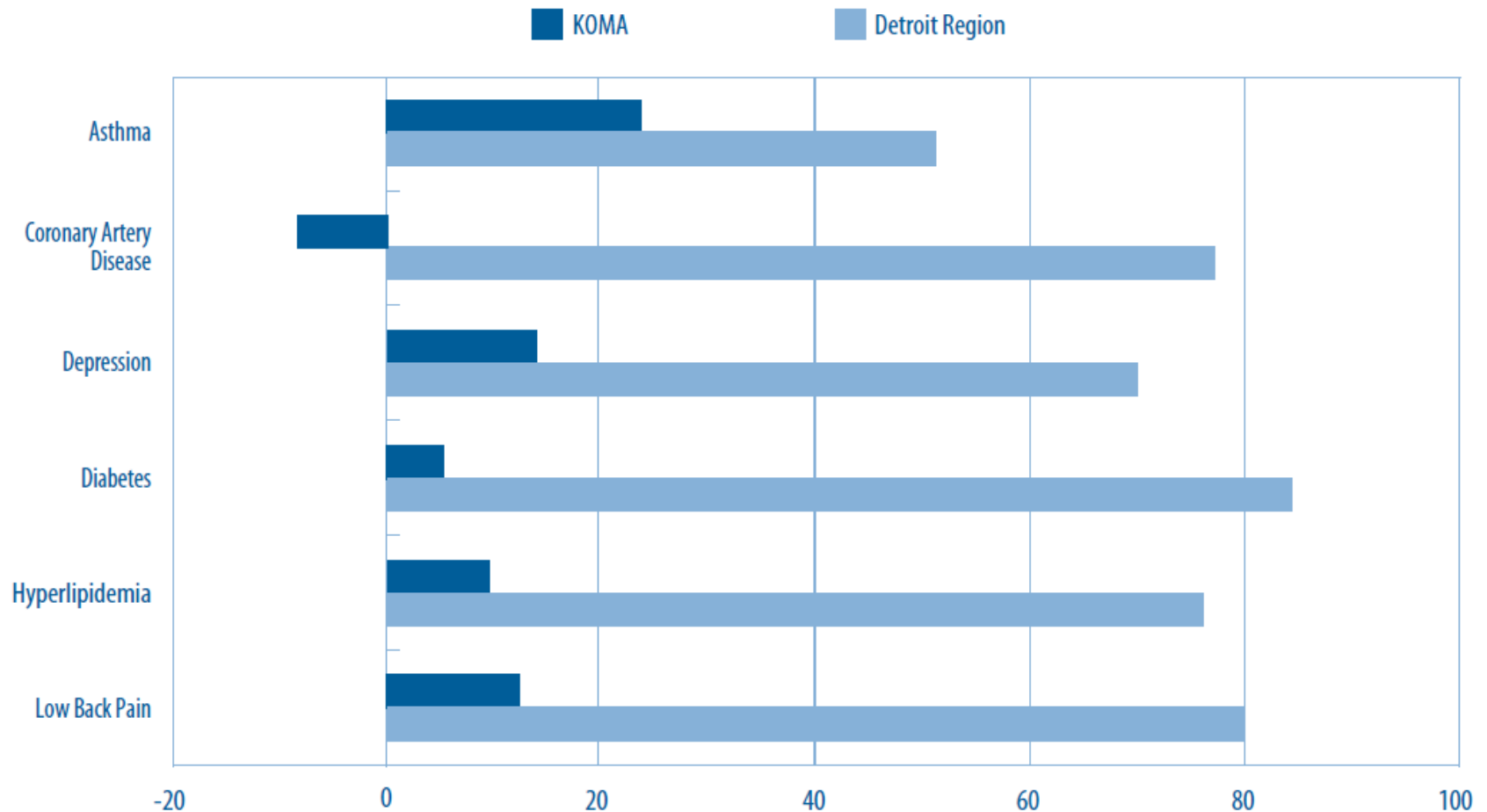
Major Medical Conditions – Pg. 66

- Figure 3c: KOMA & Detroit Expenditures Risk Score Adj, 2019



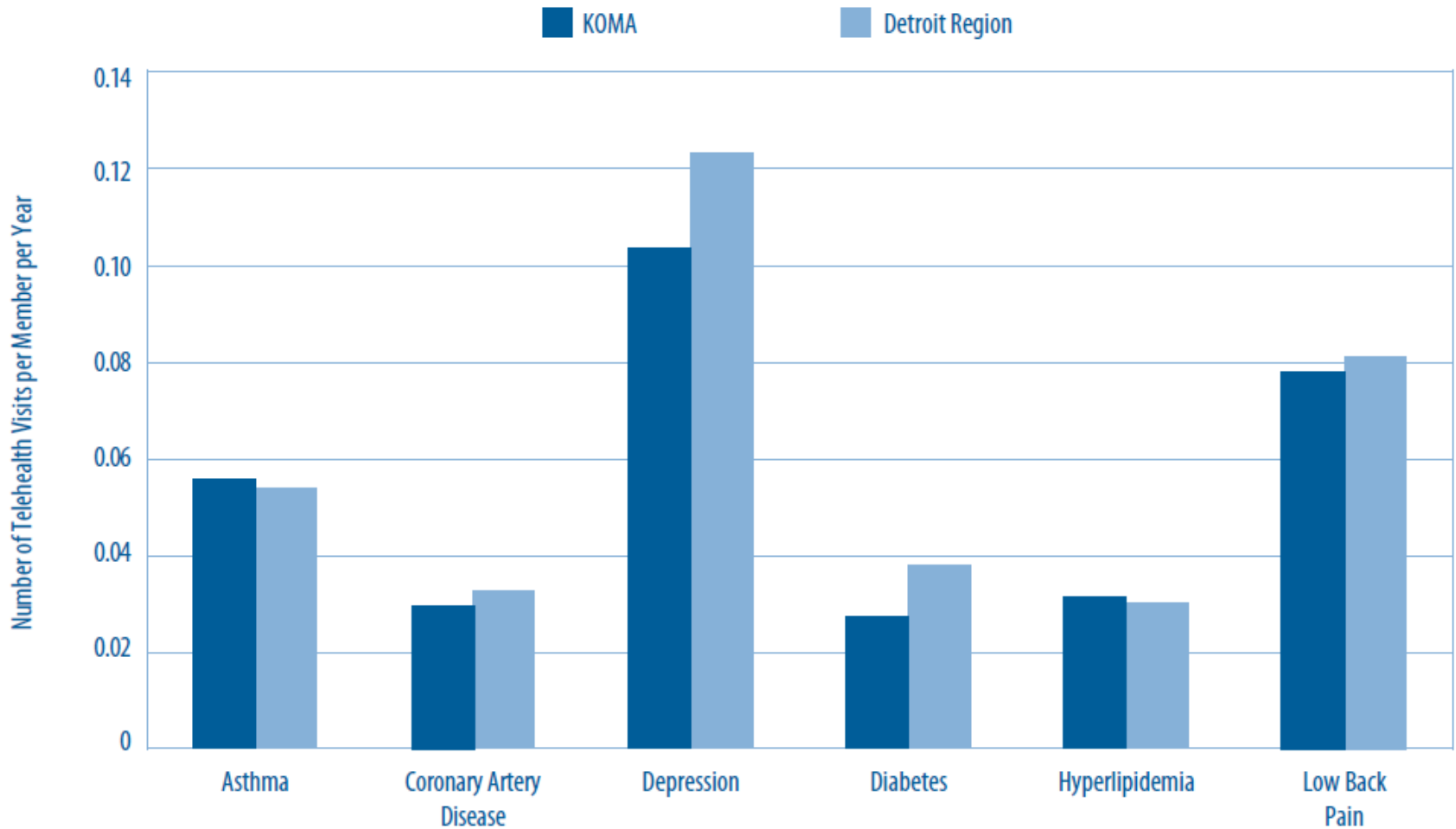
Major Medical Conditions – Pg. 68

- Figure 4e: Percentage Change in Telehealth Visits, 2018-2019



Major Medical Conditions – Pg. 68

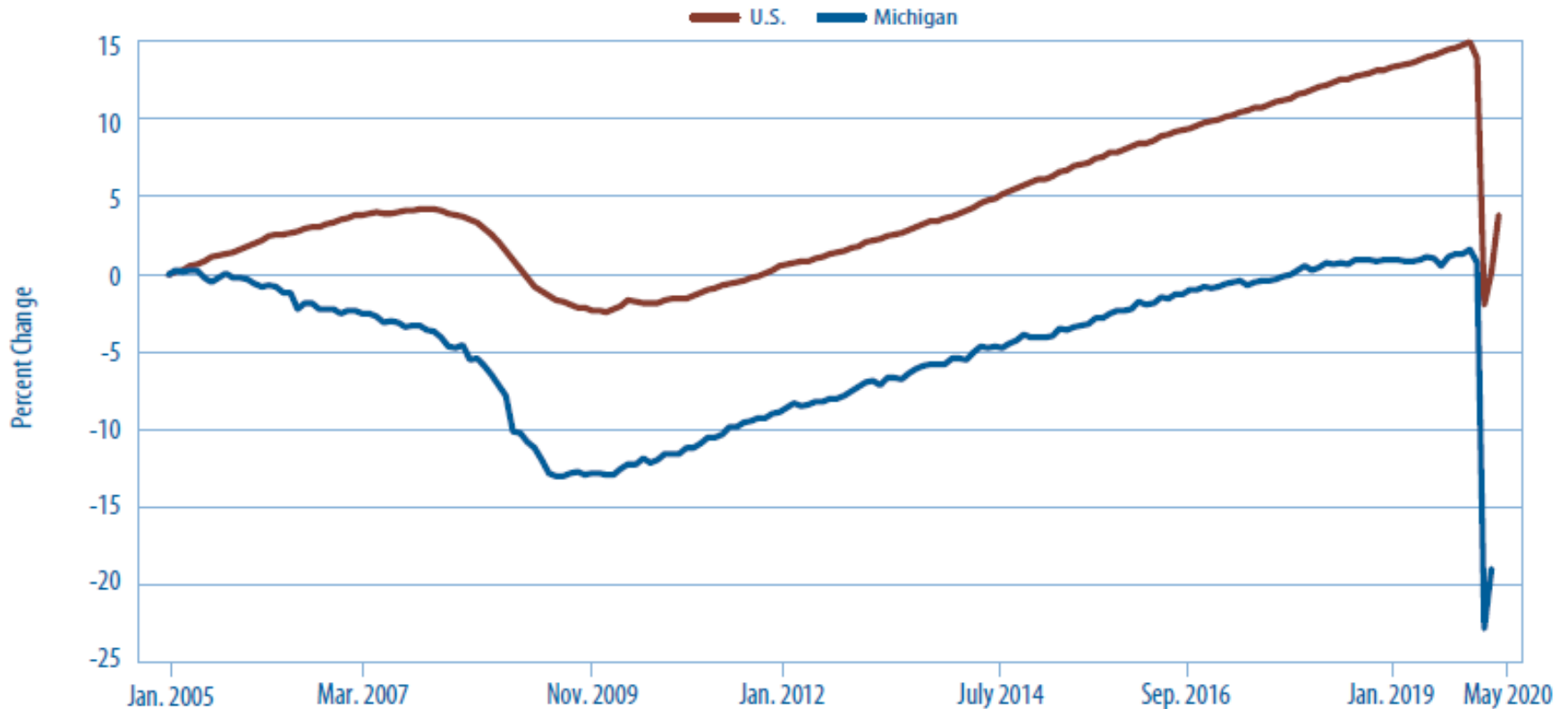
- Figure 4d: Average Annual Telehealth Visits, 2019



Knowledge Foundations & Health Care Spending During COVID-19

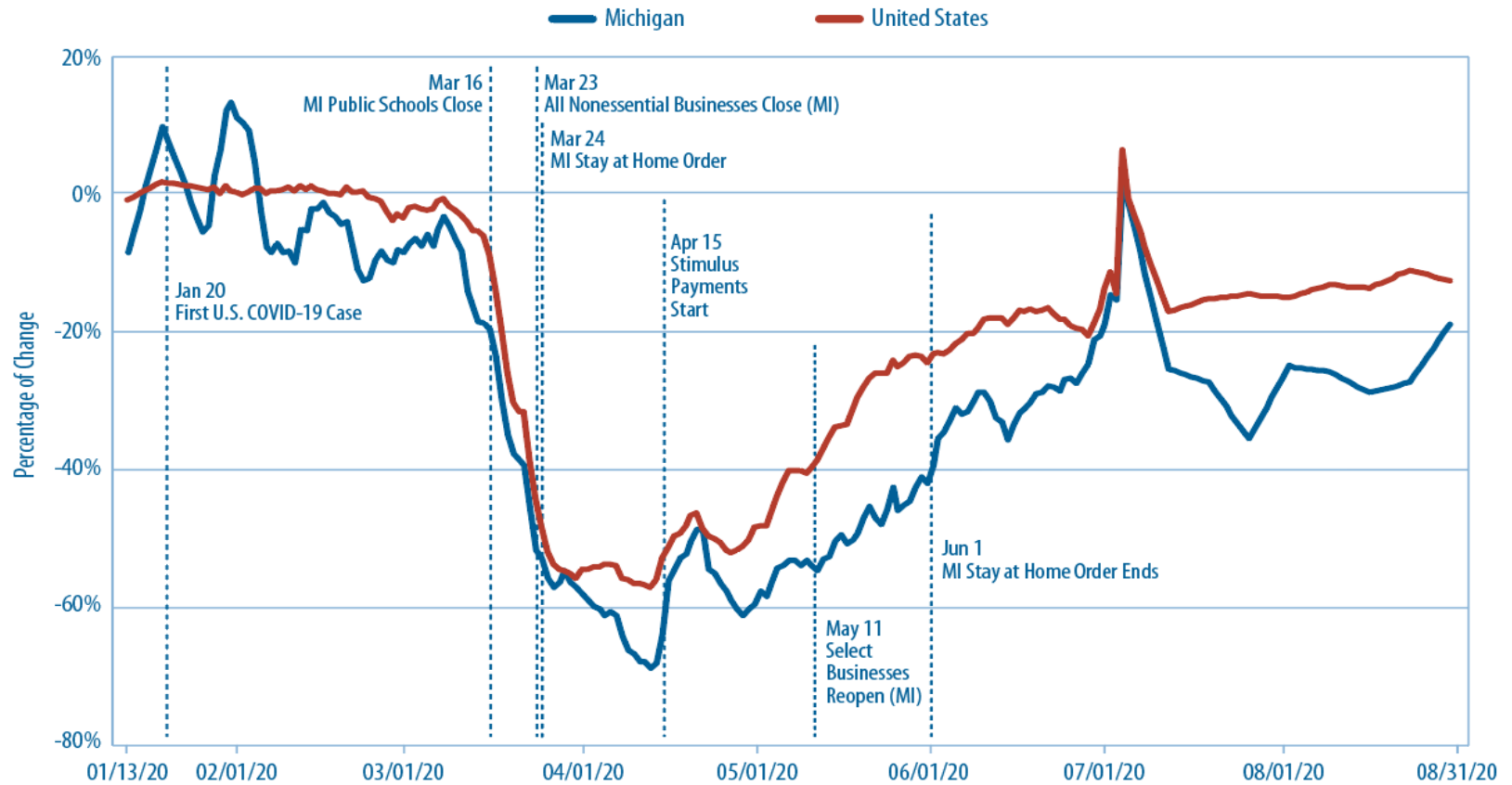
Knowledge Foundations – Pg. 6

- Figure 1: Nonfarm Payroll Jobs Percent Change



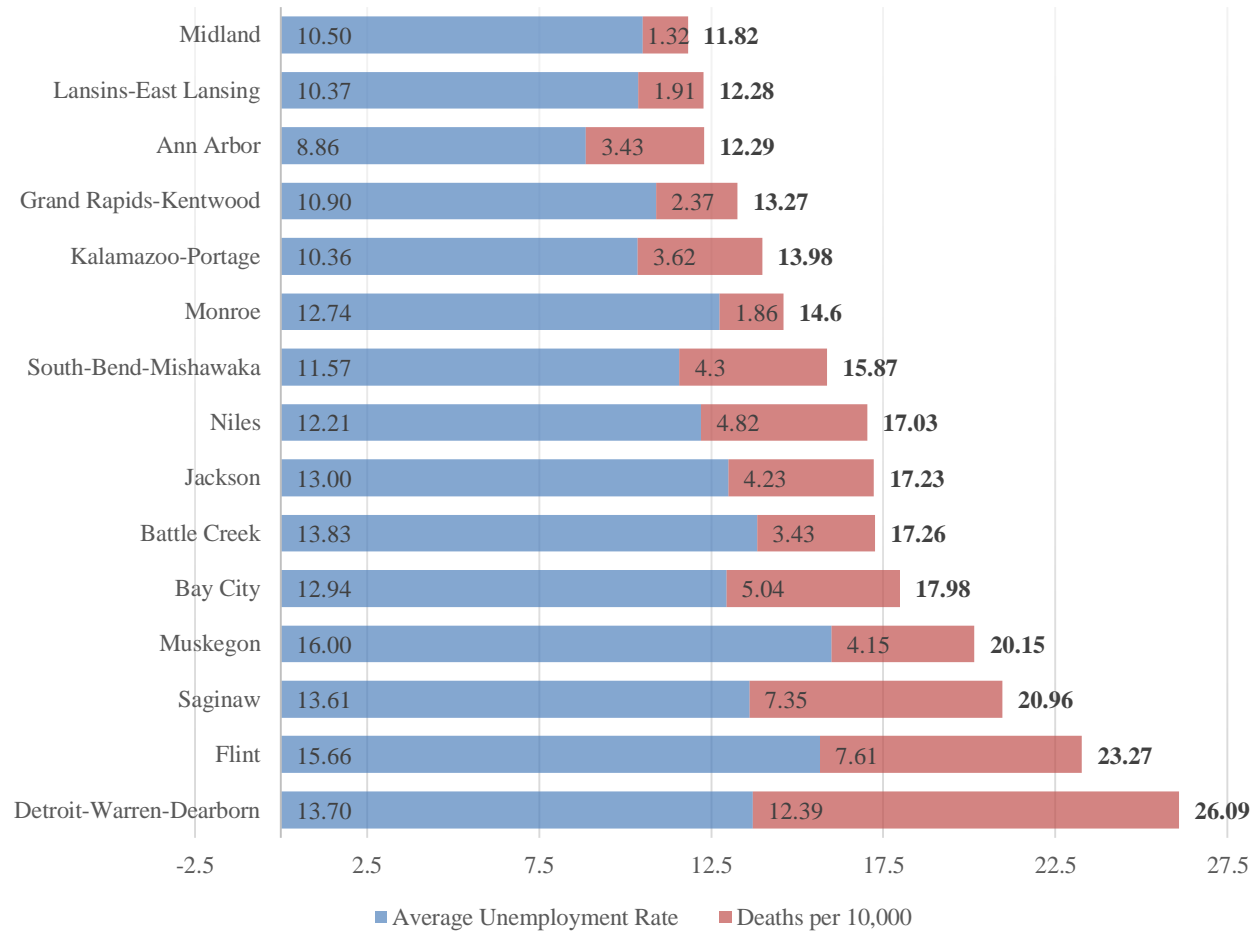
Health Care Spending During COVID-19 – Pg. 47

- Figure 1: Percent Change in Health Care and Social Assistance Spending by Consumers



Pandemic Misery Index, March – September 2020

- Aslim & Navarro (2020)

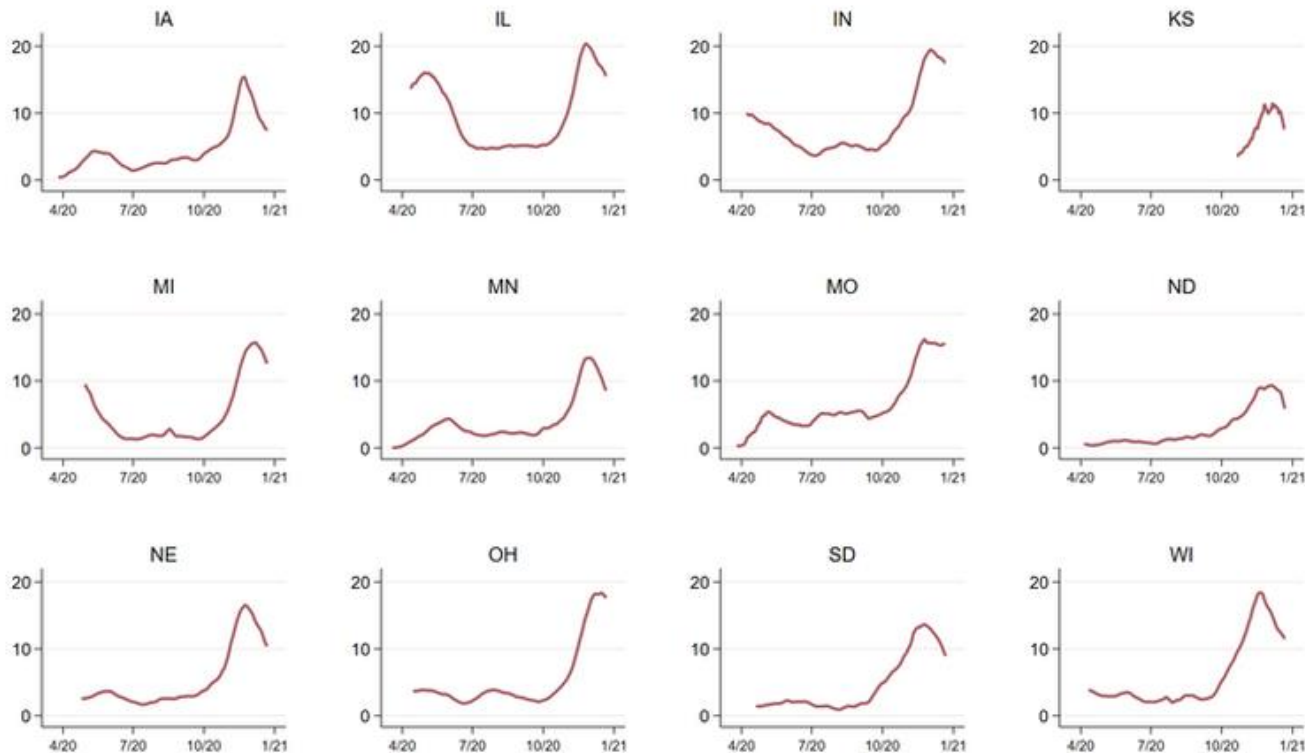


COVID-19 Hospitalizations

- University of Minnesota – Carlson School of Management, as of December 22, 2020

Midwest

% hospital beds occupied by COVID patients (7-day rolling average)





Q & A



Join us for our next Health Forum!

The COVID-19 Vaccinations

February 5, 2021

8 am – 9:30 am

(Virtual presentation)

Registration is available on our Health Forum web page: www.gvsu.edu/miperc/healthforum