HEALTH CHECK 2017

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Figure 1: Nonfarm Payroll Jobs Percent Change, February 2005 to June 2016

U.S.  Michigan
Job Growth for Health Occupations, 2005 - 2015

Grand Rapids, Michigan, U.S.

- Healthcare Practitioners and Technical Occupations
- Healthcare Support
- All Other Categories

Graph showing job growth for different categories in Grand Rapids, Michigan, and the U.S. from 2005 to 2015.
Figure 6: No Health Insurance

- Detroit Region
- West Michigan
Figure 7: No Health Care Access Due to Cost

Percentage of the Population

Detroit Region
West Michigan


0 2 4 6 8 10 12 14 16 18

Health Care Overview – Pg. 37
Benchmarking Communities – Pg.45

Figure 3: Hospital Admissions per 1,000 Population

- Grand Rapids
- Rochester, NY
- Louisville
- Buffalo
- Cleveland
- Milwaukee
- Portland
- Akron

Admissions per 1,000 Population

Figure 4: Outpatient Visits to Hospitals per 1,000 Population

- Grand Rapids
- Rochester, NY
- Louisville
- Buffalo
- Cleveland
- Milwaukee
- Portland
- Akron

Comparison of outpatient visits per 1,000 population from 2003, 2014, and 2014 U.S. average.
Figure 5: Emergency Department Visits per 1,000 Population

- Grand Rapids
- Rochester, NY
- Louisville
- Buffalo
- Cleveland
- Milwaukee
- Portland
- Akron

Figure 10: Adjusted Medicare Expenditures per Medicare Enrollee

- Grand Rapids
- Rochester, NY
- Buffalo
- Cleveland
- Akron
- Louisville
- Milwaukee
- Portland
- U.S. Average

Dollars (2014)
Benchmarking Communities – Pg. 48

Figure 9: Total Hospital Expenses per Admission

Thousands of Dollars (2014)

- Grand Rapids
- Rochester, NY
- Louisville
- Buffalo
- Cleveland
- Milwaukee
- Portland
- Akron

Figure 13: Care Coordination - Discharges for Ambulatory Care-Sensitive Conditions per 1,000 Medicare FFS Beneficiaries, 2012

2012 U.S. Average
Figure 15: End of Life Care - Percent of Medicare FFS Beneficiaries Enrolled in Hospice in the Last 6 Months of Life, 2012

2012 U.S. Average
Employer Survey – Pg. 54

• Online survey administered to *The Employers’ Association of West Michigan* members*

• Firm responses: 78 (15% response rate)

• Firm size:
  • 29% have fewer than 50 FTEs
  • 47% have 50-249 FTEs
  • 23% have 250 or more FTEs

• Approximately half in Manufacturing

*Thank you to the Employers’ Association of West Michigan for their Administration and Collaboration in this Survey*
Number of Plans Offered

- Did not offer a plan: 1%
- One plan: 66%
- Two or more plans: 33%

Types of Plans Offered*

- High Deductible (HDHP): 68%
- Traditional Plans:
  - PPO 40%
  - HMO 14%
  - POS 3%

*Note: percentages do not add up to 100%, as each firm can offer more than 1 plan.
Employer Survey – Pg. 58

• High Deductible Insurance Plans

• Figure 4: Percentage of Firms Offering HDHP Only

• Average Annual Deductible
  • Single: $2,500
  • Family: $4,842
• Health Savings Accounts (HSAs)
  • Of those firms who offer an HDHP: 54% offer an HSA
  • Of those firms who offer an HSA: 54% contribute
  • Average annual employer contribution:
    • $665 Single
    • $1,245 Family
  • Covers one quarter of the annual deductible
Community Survey – Pg. 60

• Survey Sample:
  • Downtown Grand Rapids *Movies in the Park* (July-August 2016)
  • Sample size: 408
  • Student workers trained in random sampling techniques
  • Under-sampled Medicaid & Medicare enrollees
  • Uninsured rate: 5% (Figure 2)
Community Survey – Pg. 63

- Insurance Status of Those Uninsured in the Previous Year

2017 Health Check
- Still Uninsured: 15%
- Gained insurance from:
  - Employer 40%
  - Medicaid 21%
  - Marketplace 8%

2016 Health Check
- Still Uninsured: 24%
- Gained insurance from:
  - Employer 25%
  - Medicaid 19%
  - Marketplace 9%
Community Survey – Pg. 63

• Primary Care Physician Office Changes in the Last Year:

  • **Time Spent in the Waiting Room**
    - Got Better:  28%
    - Got Worse: 9%
    - No Change: 63%

  • **Time Spent with the Physician**
    - Got Better: 25%
    - Got Worse: 16%
    - No Change: 59%
Community Survey – Pg. 64

- Figure 6: Ability to Find a Primary Care Physician - Private Insurance and Medicaid

Number of observations: 381
Source: Author's calculations
Major Medical Costs – Pg. 69

- Figure 1: Average Expenditures per Member in KOMA, 2012-2015

Dollars per Member per Year (2015)

<table>
<thead>
<tr>
<th>Disease</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
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<tbody>
<tr>
<td>Asthma</td>
<td>5,000</td>
<td>6,000</td>
<td>7,000</td>
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<tr>
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<tr>
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<tr>
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<td>4,000</td>
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</tbody>
</table>
Major Medical Costs – Pg. 69

- Figure 2: Average Expenditures per Member, 2015

Dollars per Member per Year

<table>
<thead>
<tr>
<th>Condition</th>
<th>KOMA</th>
<th>Detroit Region</th>
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<tbody>
<tr>
<td>Asthma</td>
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<td>Depression</td>
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<td>17,500</td>
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<tr>
<td>Hyperlipidemia</td>
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<td>Low Back Pain</td>
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<tr>
<td>Healthy Members</td>
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</tr>
</tbody>
</table>
Major Medical Costs – Pg. 70

- Figure 2A: 2014-2015 Percentage Change in Average Expenditures per Member

- Healthy Members
- Low Back Pain
- Hyperlipidemia
- Diabetes
- Depression
- Coronary Artery Disease
- Asthma

Percentage Change in Expenditures 2014 to 2015

- KOMA
- Detroit Region
Major Medical Conditions

- Percentage Change in CAD Expenditures, 2014 - 2015