HEALTH CHECK 2015

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Education and Job Growth

West Michigan Nursing Graduates with a Bachelor's Degree

Graduates

2010 - 2012
2013 - 2015
Education and Job Growth

- **Average Hourly Wages for Select Health Care Professions**

<table>
<thead>
<tr>
<th>Profession</th>
<th>2004 Wages</th>
<th>2014 Wages</th>
<th>% Change in Real Wages</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Grand Rapids</td>
<td>Grand Rapids</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>LPN</td>
<td>$21.80</td>
<td>$19.55</td>
<td>-10.32</td>
</tr>
<tr>
<td>RN</td>
<td>$30.60</td>
<td>$28.62</td>
<td>-6.47</td>
</tr>
<tr>
<td>PA</td>
<td>$42.90</td>
<td>$54.42</td>
<td>26.85</td>
</tr>
<tr>
<td>GP</td>
<td>$80.00</td>
<td>$96.46</td>
<td>20.58</td>
</tr>
</tbody>
</table>

Source: Bureau of Labor Statistics
Demographic Changes

• Annual Population Growth Rate 1991 - 2014
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

Benchmarking Communities

- Outpatient Visits to Hospitals per 1,000 Population
Benchmarking Communities

- Emergency Department Visits per 1,000 Population

![Bar graph showing ED visits per 1,000 population for different cities in 2003, 2013, and 2013 U.S. Average. Cities include Grand Rapids MI, Rochester NY, Louisville KY, Buffalo NY, Cleveland OH, Milwaukee WI, Portland OR, and Akron OH. The graph indicates the number of ED visits per 1,000 population for each city across the years.]
Benchmarking Communities

- Hospital-based Personnel per 1,000 Population

Benchmarking Communities

- Payroll and Benefit Expenses per Hospital Employee

Benchmarking Communities

• Total Hospital Expenses per Admission

Benchmarking Communities

- Adjusted Medicare Expenditures per Medicare Enrollee
The Effects of the Affordable Care Act on Michigan Employers

• Percentage of Firms Offering Health Insurance

![Bar chart showing the percentage of firms offering health insurance in 2014 and 2015.](chart.png)

Number of observations: 194
The Effects of the Affordable Care Act on Michigan Employers

- Percentage of Firms Expecting to Offer Health Insurance

![Bar Chart]

- **Yes**
- **No**
- **Undecided**

<table>
<thead>
<tr>
<th>Year</th>
<th>Yes</th>
<th>No</th>
<th>Undecided</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>90</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>2017</td>
<td>90</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>2018</td>
<td>90</td>
<td>10</td>
<td>0</td>
</tr>
</tbody>
</table>

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

The chart shows the percentage of firms that have already taken measures, are considering taking measures, or have not considered any measures. The measures include:

- Increase Employee Share of Medical Services
- Change Prescription Drug Coverage
- Move to Private Exchange

The number of observations is as follows:

- 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

![Bar chart showing changes in Primary Care Physician’s Office in the last year.](chart.png)

<table>
<thead>
<tr>
<th>Change in Office</th>
<th>% Improved</th>
<th>% Worse</th>
<th>% No Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time spent in waiting room</td>
<td><img src="chart.png" alt="Bar chart showing changes in Primary Care Physician’s Office in the last year." /></td>
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</tr>
<tr>
<td>Time spent with the doctor</td>
<td><img src="chart.png" alt="Bar chart showing changes in Primary Care Physician’s Office in the last year." /></td>
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<td><img src="chart.png" alt="Bar chart showing changes in Primary Care Physician’s Office in the last year." /></td>
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<td>Ability to find a family doctor</td>
<td><img src="chart.png" alt="Bar chart showing changes in Primary Care Physician’s Office in the last year." /></td>
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</tr>
<tr>
<td>Ability to pay for doctor visits</td>
<td><img src="chart.png" alt="Bar chart showing changes in Primary Care Physician’s Office in the last year." /></td>
<td><img src="chart.png" alt="Bar chart showing changes in Primary Care Physician’s Office in the last year." /></td>
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</tbody>
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Number of observations: 487
Community Survey

- Ability to Find a Primary Care Physician
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

![Bar chart showing average expenditures for different medical conditions in 2014. Conditions include Asthma, Coronary Artery Disease, Depression, Diabetes, Hyperlipidemia, Low Back Pain, and Healthy Members. The chart compares KOMA and Detroit Region expenditures. 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