Commissioned By:
Ascension Wisconsin
Aurora Health Care
Children’s Wisconsin
Froedtert & the Medical College of Wisconsin
Washington Ozaukee Public Health Department

Prepared By:
JKV Research, LLC
Overview

- Objectives
  - Gather data on behavioral and lifestyle habits of the adult population and household-level data.
  - Gather data on random child (17 or younger) in household through adult who makes health care decisions for child.
  - Gather data on the prevalence of risk factors and disease conditions of the adult population.
  - Compare health data of residents to previous health studies.
  - Compare health data to national and state measurements.
Methodology

- 18 minute telephone survey of area residents
- 400 completions from July 15 through October 31, 2019
- Two-fold sampling
  - 1) RDD landline sample of listed & unlisted #s (n=220)
    - Respondents randomly selected based on number of adults in household
    - Weighting based on number of adults and number of residential phone numbers in HH
  - 2) Cell phone only sample (n=180)
    - Adult answering the phone designated as the respondent
- All data post-stratified by age and gender of adult residents as of 2010 Census proportions.
- Margin of error: ±5%
Demographics
### Respondent Demographics

<table>
<thead>
<tr>
<th>Category</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gender</td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>48%</td>
</tr>
<tr>
<td>Female</td>
<td>52%</td>
</tr>
<tr>
<td>Nonbinary/Other/Not Sure</td>
<td>0%</td>
</tr>
<tr>
<td>Household Income</td>
<td></td>
</tr>
<tr>
<td>Bottom 40 Percent Bracket</td>
<td>22%</td>
</tr>
<tr>
<td>Middle 20 Percent Bracket</td>
<td>10%</td>
</tr>
<tr>
<td>Top 40 Percent Bracket</td>
<td>53%</td>
</tr>
<tr>
<td>Not Sure/No Answer</td>
<td>16%</td>
</tr>
</tbody>
</table>
## Respondent Demographics (cont.)

<table>
<thead>
<tr>
<th>Age</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 to 34</td>
<td>22%</td>
</tr>
<tr>
<td>35 to 44</td>
<td>17%</td>
</tr>
<tr>
<td>45 to 54</td>
<td>23%</td>
</tr>
<tr>
<td>55 to 64</td>
<td>19%</td>
</tr>
<tr>
<td>65 and Older</td>
<td>20%</td>
</tr>
</tbody>
</table>
Respondent Demographics (cont.)

<table>
<thead>
<tr>
<th>Education</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>High school or less</td>
<td>21%</td>
</tr>
<tr>
<td>Some post high school</td>
<td>25%</td>
</tr>
<tr>
<td>College graduate</td>
<td>54%</td>
</tr>
</tbody>
</table>

Marital Status

<table>
<thead>
<tr>
<th>Married</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>62%</td>
</tr>
</tbody>
</table>
Health Care Coverage

- Personally Not Covered Currently (18+)
  - WI 2018: 10%
  - US 2018: 11%
  - HP2020 Goal: 0%

- Personally Not Covered Currently (18 to 64 Years Old)
  - WI 2018: 11%
  - US 2018: 13%
  - HP2020 Goal: 0%

Ozaukee County Community Health Survey
Unmet Health Care in Past Year

• HH Member Not Taken Prescribed Medication Due to Cost
  • HP2020 Goal: 3%

• Delayed/Did Not Seek Care Due to Cost
  • WI 2018: 10%
  • US 2018: 12%

• Unmet Medical Care in Household
  • HP2020 Goal: 4%

• Unmet Dental Care in Household
  • HP2020 Goal: 5%

*In 2008, 2011, 2014 and 2016, the question was asked of respondents only. In 2019, the question was asked about any household member.
Health Information Source

- Doctor
- Myself/Family Member in Health Care Field
- Internet
- Other Health Professional
- Family/Friends

Ozaukee County Community Health Survey
Health Services

- Have Primary Care Physician
  - WI 2018: 81%
  - US 2018: 77%
  - HP2020 Goal: 84%

Ozaukee County Community Health Survey
General Health
Rate Own Health

- Excellent or Very Good Health
  - WI 2018: 52%
  - US 2018: 51%

- Fair or Poor Health
  - WI 2018: 15%
  - US 2018: 17%
Routine Procedures

- **Routine Checkup 2 Years Ago or Less**
  - WI 2018: 87%
  - US 2018: 88%

- **Cholesterol Test 4 Year Ago or Less**
  - WI 2017: 83%
  - US 2017: 86%
  - HP2020 Goal: 82%

- **Dental Checkup Less Than 1 Year Ago**
  - WI 2018: 71%
  - US 2018: 68%
  - HP2020 Goal: 49%
Vaccinations

- **Pneumonia Vaccination (65 and Older)**
  - WI 2018: 75%
  - US 2018: 74%
  - HP2020 Goal: 90%

- **Flu Vaccination (18 and Older)**
  - HP2020 Goal: 70%

- **Flu Vaccination (65 and Older)**
  - WI 2018: 46%
  - US 2018: 55%
## Tested for a Sexually Transmitted Infection in Lifetime (2019)

<table>
<thead>
<tr>
<th></th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tested for a Sexually Transmitted Infection, including HIV</td>
<td>35%</td>
</tr>
</tbody>
</table>
Treated For or Told Have Health Conditions in Past 3 Years (2019)

Ozaukee County Community Health Survey
Treated For or Told Have Health Conditions in Past 3 Years

- Asthma (Current)
  - WI 2018: 9%
  - US 2018: 10%

Ozaukee County Community Health Survey
### Condition Controlled Through Medication, Exercise, Therapy or Lifestyle Changes

<table>
<thead>
<tr>
<th>Condition</th>
<th>2011</th>
<th>2016</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Blood Pressure</td>
<td>96%</td>
<td>91%</td>
<td>94%</td>
</tr>
<tr>
<td>Mental Health Condition</td>
<td>82%</td>
<td>97%</td>
<td>85%</td>
</tr>
<tr>
<td>High Blood Cholesterol</td>
<td>88%</td>
<td>92%</td>
<td>92%</td>
</tr>
<tr>
<td>Diabetes</td>
<td>95%</td>
<td>87%</td>
<td>97%</td>
</tr>
<tr>
<td>Heart Disease/Condition</td>
<td>100%</td>
<td>96%</td>
<td>88%</td>
</tr>
<tr>
<td>Asthma (Current)</td>
<td>95%</td>
<td>86%</td>
<td>95%</td>
</tr>
</tbody>
</table>
Exercise and Nutrition
Body Weight

- At Least Overweight (BMI 25.0+)
  - WI 2018: 67%
  - US 2018: 66%
  - HP2020 Goal: 66%

- Obese (BMI 30.0+)
  - WI 2018: 32%
  - US 2018: 31%
  - HP2020 Goal: 31%
Physical Activity

- **Moderate Physical Activity**
  - WI 2005: 42%
  - US 2005: 33%

- **Vigorous Physical Activity**
  - WI 2009: 31%
  - US 2009: 29%

- **Recommended Moderate or Vigorous Activity**
  - WI 2009: 53%
  - US 2009: 51%
Nutrition and Food Insecurity

- Fruit or Vegetables (5+ Servings/Day)
  - WI 2009: 23%
  - US 2009: 23%

Graph:
- Fruit (At Least Two Servings/Day)
- Vegetables (At Least Three Servings/Day)
- Fruit/Vegetables (At Least Five Servings/Day)
- Often Read Food Label or Nutrition Information When Buy Food Product for First Time
- Household Went Hungry Because They Couldn't Afford Enough Food (Past Year)

Ozaukee County Community Health Survey
Early Detection and Prevention of Cancer
Women’s Health

- Mammogram in Past 2 Years (50 – 74 years old)
  - WI 2018: 78%
  - US 2018: 78%

- Pap Smear in Past 3 Years (18 and Older)
  - WI 2018: 81%
  - US 2018: 80%

*Recommended time frame: pap smear every 3 years for ages 18 to 29 years old; pap smear and HPV test every 5 years or pap smear only every 3 years for ages 30 to 65 years old.

Ozaukee County Community Health Survey
Colorectal Cancer Screenings (50 and Older)

- Blood Stool Test in Past Year (50-75 Years Old)
  - WI 2018: 7%
  - US 2018: 9%

- Sigmoidoscopy in Past 5 Years (50-75 Years Old)
  - WI 2018: 3%
  - US 2018: 2%

- Colonoscopy in Past 10 Years (50-75 Years Old)
  - WI 2018: 71%
  - US 2018: 64%

- Screening in Recommended Time Frame (50-75 Years Old)
  - WI 2018: 75%
  - US 2018: 70%
  - HP2020 Goal: 71%
Safety
Personal Safety Issues in Past Year

- Someone Made You Afraid for Your Personal Safety
- Someone Pushed, Kicked, Slapped or Hit You
- At Least 1 of the 2 Issues

Ozaukee County Community Health Survey
Tobacco Use
Current Tobacco Cigarette Smokers or Current Electronic Vapers

- **Current Smokers**
  - WI 2018: 17%
  - US 2018: 16%
  - HP2020 Goal: 12%

- **Current Vapers**
  - WI 2017: 5%
  - US 2018: 4%
Smoking or Vaping Cessation in Past Year (Current Tobacco Smokers or Electronic Vapor Product Users)

• Tried to Quit (Smokers Only)
  • WI 2005: 49%
  • US 2005: 56%
  • HP2020 Goal: 80%

*In 2019, tobacco cessation and health professional advised quitting included current smokers and current vapers. In previous years, both questions were asked of current smokers only.
Exposure to Cigarette Smoke or Electronic Vapor

- Smoking Not Allowed in Home
  - Midwest 2014/15: 84%
  - US 2014-2015: 87%

- Nonsmokers/Nonvapers Exposed to Second-Hand Smoke or Vapor
  - HP2020 Goal: 34%

*In 2019, the question included nonvapers being exposed to vapors. In all other years, the question was asked of nonsmoking respondents only.*
Other Tobacco Products in Past Month

- Smokeless Tobacco
  - WI 2018: 4%
  - US 2018: 4%
  - HP2020 Goal: 0.2%
Alcohol Use
Alcohol Use in Past Month

- Binge Drinker (Female 4+ Drinks; Male 5+ Drinks on an Occasion)
  - WI 2018: 26%
  - US 2018: 16%
  - HP2020 Goal (5+ Drinks): 24%

*In 2011, 2014, 2016 and 2019, “4 or more drinks on an occasion” for females and “5 or more drinks on an occasion” for males was used; in 2008, “5 or more drinks on an occasion” was used for both males and females.
Household Problems
Household Problems in Past Year

Ozaukee County Community Health Survey

- Alcohol
- Marijuana
- Cocaine, Meth or Other Street Drugs
- Heroin or Other Opioids
Times of Distress in Past Three Years

- Times of Distress and Someone in HH Looked for Community Support
- Community Resource Support Somewhat/Slightly/Not At All (Of Respondents Who Looked for Community Support)

- 2016: 14% (times of distress) vs. 40% (support)
- 2019: 20% (times of distress) vs. 33% (support)

Ozaukee County Community Health Survey
Mental Health Status
Mental Health Status

- Felt Sad, Blue, Depressed Always/Nearly Always (Past Month)
- Find Meaning & Purpose in Daily Life Seldom/Never
- Considered Suicide (Past Year)

Ozaukee County Community Health Survey
Children In Household
Child’s Primary Doctor [Child 17 or Younger]

**Ozaukee County Community Health Survey**

- **Child Has Primary Doctor/Nurse**
- **Preventive Care with Child's Primary Doctor in Past Year (Children who have a Primary Doctor/Nurse)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>92%</td>
</tr>
<tr>
<td>2014</td>
<td>89%</td>
</tr>
<tr>
<td>2016</td>
<td>99%</td>
</tr>
<tr>
<td>2019</td>
<td>93%</td>
</tr>
</tbody>
</table>

**Graph**

- Line graph showing the percentage of children with a primary doctor/nurse and preventive care from 2011 to 2019.

- 90% in 2011
- 88% in 2014
- 87% in 2016
- 91% in 2019
Child’s Unmet Care in Past Year [Child 17 or Younger]

- **Unmet Medical Care**
- **Unmet Dental Care**
- **Unmet Specialist Care**

Year: 2011, 2014, 2016, 2019

2011: 0% Medical, 0% Dental, 3% Specialist
2014: 4% Medical, 4% Dental, 3% Specialist
2016: 6% Medical, 4% Dental, 4% Specialist
2019: 8% Medical, 4% Dental, 3% Specialist
Child Currently Has Asthma [Child 17 or Younger]
Child is Seldom/Never Safe in Community/Neighborhood [17 or Younger]
Childs’ Nutrition
[Child 5 to 17 Years Old]
Child’s Physical Activity (60 Min./5x/Week) [Child 5 to 17 Years Old]

Ozaukee County Community Health Survey
Child’s Emotional Well-Being
[Child 5 to 17 Years Old]*

*In 2011, 2014 and 2016, the question was asked for children 8 to 17 years old.

Ozaukee County Community Health Survey
Child Experienced Bullying in Past Year [5 to 17 Years Old]

- Bullied Overall
- Verbally Bullied
- Physically Bullied
- Cyber Bullied

*In 2011, 2014 and 2016, the question was asked for children 8 to 17 years old.

Ozaukee County Community Health Survey
Top County Health Issues
Top County Health Issues
Up to Three Accepted [Part 1]

Ozaukee County Community Health Survey
Top County Health Issues
Up to Three Accepted [Part 2]

- Tobacco Use
- Cancer
- Access to Affordable Healthy Food
- Environmental Issues
- Affordable Health Care
- Lack of Physical Activity
Select Key Findings of Need

- 18% Delayed/Did Not Seek Care Due to Cost
- 10% Household Member Not Take Prescription Medication Due to Cost in Past Year vs. 3% HP2020
- 48% Flu Vaccination in Past Year vs. 70% HP2020
- 29% High Blood Pressure in Past 3 Years
- 40% Binged in Past Month (4+ drinks females; 5+ drinks males)
- 7% Smokeless Tobacco Use in Past Month vs. 0.2% HP2020
- 20% Had a Time of Distress in Past 3 Years and Looked for Community Support
- 28% Children 5 to 17 Years Old Bullied Overall in Past Year
- 25% Children 5 to 17 Years Old Verbally Bullied in Past Year
- Top County Health Issues (Up to 3 Accepted): 40% Illegal Drug Use, 20% Mental Health/Depression, 19% Alcohol Use/Abuse
Next Steps