WASHINGTON COUNTY COMMUNITY HEALTH SURVEY – 2016

Commissioned by:
Aurora Health Care
Children’s Hospital of Wisconsin
Froedtert & Medical College

In Partnership with:
Center for Urban Population Health
Washington County Public Health Department
Overview

- Objectives
  - Gather data on behavioral and lifestyle habits of the adult population and household-level data.
  - 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 June 28 through August 1, 2016
- Two-fold sampling
  - 1) RDD landline sample of listed & unlisted #s (n=300)
    - 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=100)
    - 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>49%</td>
</tr>
<tr>
<td>Female</td>
<td>51%</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>18%</td>
</tr>
<tr>
<td>Top 40 Percent Bracket</td>
<td>47%</td>
</tr>
<tr>
<td>Not Sure/No Answer</td>
<td>19%</td>
</tr>
<tr>
<td>Age</td>
<td>Percent</td>
</tr>
<tr>
<td>----------------</td>
<td>---------</td>
</tr>
<tr>
<td>18 to 34</td>
<td>24%</td>
</tr>
<tr>
<td>35 to 44</td>
<td>19%</td>
</tr>
<tr>
<td>45 to 54</td>
<td>23%</td>
</tr>
<tr>
<td>55 to 64</td>
<td>17%</td>
</tr>
<tr>
<td>65 and Older</td>
<td>18%</td>
</tr>
</tbody>
</table>
## Respondent Demographics (cont.)

<table>
<thead>
<tr>
<th></th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Education</strong></td>
<td></td>
</tr>
<tr>
<td>High school or less</td>
<td>25%</td>
</tr>
<tr>
<td>Some post high school</td>
<td>28%</td>
</tr>
<tr>
<td>College graduate</td>
<td>47%</td>
</tr>
<tr>
<td><strong>Marital Status</strong></td>
<td></td>
</tr>
<tr>
<td>Married</td>
<td>59%</td>
</tr>
</tbody>
</table>
Health Care Coverage
Health Care Coverage

- Personally not covered currently (18+) 2014
  - WI: 9%
  - US: 13%
  - HP2020 Goal: 0%

- Personally not covered currently (18 to 64 years old) 2014
  - WI: 10%
  - US: 15%

![Chart showing health care coverage trends from 2005 to 2016]

- Someone in HH not covered in past 12 months
- Personally not currently covered (18 and older)
- Personally not currently covered (18 to 64 years old)
- Personally not covered in past 12 months (18 and older)
Unmet Health Care in Past Year

- HP2020 Goal, Household Delay or Unable to Obtain in Past Year:
  - Prescription Medicines: 3%
  - Medical Care: 4%
  - Dental Care: 5%
Health Services

- **Have a Primary Care Physician**
  - 2005: 90%
  - 2008: 87%
  - 2011: 81%
  - 2014: 84%
  - 2016: 91%

- **Doctor/Nurse Practioner Office as Primary Health Care Service**
  - 2005: 43%
  - 2008: 43%
  - 2011: 38%
  - 2014: 43%
  - 2016: 46%

- **Advance Care Plan**
General Health
Rate Own Health

2014
- Excellent or Very Good
  - WI: 54%
  - US: 53%
- Fair or Poor
  - WI: 15%
  - US: 16%
Routine Procedures

- Routine checkup 2013
  - WI: 82%
  - US: 81%

- Cholesterol test 2013
  - WI: 77%
  - US: 76%
  - HP2020 Goal: 82%

- Dental checkup 2012
  - WI: 72%
  - US: 67%
  - HP2020 Goal: 49%
Vaccinations

- Pneumonia vaccination (65+) 2014
  - WI: 72%
  - US: 70%
  - HP2020 Goal: 90%

- Flu vaccination (65+) 2014
  - WI: 54%
  - US: 61%

- Flu vaccination (18+)
  - HP2020 Goal: 70%

*In the 2004/2005 flu season, for a time there was a limited supply of flu vaccinations. During that period, it was only offered to persons in high-risk categories.*
Health Conditions Past 3 Years (2016)

- High Blood Pressure: 26%
- High Blood Cholesterol: 21%
- Mental Health Condition: 16%
- Diabetes: 13%
- Asthma (Current): 9%
- Heart Disease/Condition: 8%
Health Conditions Past 3 Years

- High Blood Pressure
- High Blood Cholesterol
- Heart Disease/Condition
- Mental Health Condition
- Diabetes
- Asthma (Current)

<table>
<thead>
<tr>
<th>Year</th>
<th>High Blood Pressure</th>
<th>High Blood Cholesterol</th>
<th>Heart Disease/Condition</th>
<th>Mental Health Condition</th>
<th>Diabetes</th>
<th>Asthma (Current)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>25%</td>
<td>21%</td>
<td>19%</td>
<td>10%</td>
<td>6%</td>
<td>7%</td>
</tr>
<tr>
<td>2008</td>
<td>21%</td>
<td>19%</td>
<td>19%</td>
<td>11%</td>
<td>9%</td>
<td>8%</td>
</tr>
<tr>
<td>2011</td>
<td>28%</td>
<td>21%</td>
<td>21%</td>
<td>9%</td>
<td>8%</td>
<td>8%</td>
</tr>
<tr>
<td>2014</td>
<td>27%</td>
<td>23%</td>
<td>23%</td>
<td>10%</td>
<td>7%</td>
<td>6%</td>
</tr>
<tr>
<td>2016</td>
<td>26%</td>
<td>21%</td>
<td>21%</td>
<td>16%</td>
<td>13%</td>
<td>9%</td>
</tr>
</tbody>
</table>
### Condition Controlled Through Medication, Exercise, Therapy or Lifestyle Changes

<table>
<thead>
<tr>
<th>Condition</th>
<th>2011</th>
<th>2014</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Blood Pressure</td>
<td>97%</td>
<td>98%</td>
<td>94%</td>
</tr>
<tr>
<td>High Blood Cholesterol</td>
<td>88%</td>
<td>91%</td>
<td>89%</td>
</tr>
<tr>
<td>Mental Health Condition</td>
<td>100%</td>
<td>96%</td>
<td>89%</td>
</tr>
<tr>
<td>Diabetes</td>
<td>69%</td>
<td>96%</td>
<td>96%</td>
</tr>
<tr>
<td>Asthma (Current)</td>
<td>88%</td>
<td>93%</td>
<td>91%</td>
</tr>
<tr>
<td>Heart Disease/Condition</td>
<td>97%</td>
<td>75%</td>
<td>91%</td>
</tr>
</tbody>
</table>
Exercise and Nutrition
Body Weight

- **Overweight (BMI 25.0+) 2014**
  - WI: 67%
  - US: 65%
- **HP2020 Goal:**
  - 34% Healthy weight
  - 66% Unhealthy weight

- **Obese (BMI 30.0+) 2014**
  - WI: 31%
  - US: 30%
- **HP2020 Goal:** 31%
Physical Activity

- Recommended Moderate or Vigorous Activity 2009
  - WI: 53%
  - US: 51%

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

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

1Moderate activity: 5 times a week for 30 or more minutes/time
Vigorous activity: 3 times a week for 20 or more minutes/time
Early Detection and Prevention of Cancer
Women’s Health

- **Pap Smear (18+) 2014**
  - WI: 77%
  - US: 75%
  - HP2020 Goal (21-65 years old): 93%

- **Mammogram (50+) 2014**
  - WI: 77%
  - US: 76%

*Recommended Cervical Cancer Screening: 18 to 29 years old--pap smear within past three years; 30 to 65 years old--pap smear and HPV test within past five years or pap smear only within past three years.*
Colorectal Cancer (50 and Older)

- Screening in Recommended Time Frame:
  - HP2020 Goal: 71%

*Not asked in 2008*
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

Percentage values for each year:

- 2005: 8% for afraid, 2% for pushed
- 2008: 7% for afraid, 4% for pushed
- 2011: 6% for afraid, 4% for pushed
- 2014: 8% for afraid, 7% for pushed
- 2016: 4% for afraid, 3% for pushed

Graph shows a slight increase in the percentage of people experiencing at least 1 of the two issues from 2005 to 2014, with a slight decrease in 2016.
Tobacco Use
Current Tobacco Cigarette Smoker in Past Month

- Current Smokers 2014
  - WI: 17%
  - US: 18%
  - HP2020 Goal: 12%
Smoking Cessation in Past 12 Months (Current Tobacco Cigarette Smokers)

- Tried to Quit 2005
  - WI: 49%
  - US: 56%
  - HP2020 Goal: 80%
Exposure to Cigarette Smoke

Smoking Prohibited at Home 2003
- WI: 75%

Nonsmokers Exposed to Second-Hand Smoke
- HP2020 Goal: 34%
Other Tobacco Products in Past Month

- **Electronic Cigarettes**
- **Cigars, Cigarillos or Little Cigars**
- **Smokeless Tobacco**

<table>
<thead>
<tr>
<th>Year</th>
<th>Electronic Cigarettes</th>
<th>Cigars, Cigarillos or Little Cigars</th>
<th>Smokeless Tobacco</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>5%</td>
<td>4%</td>
<td>0%</td>
</tr>
<tr>
<td>2016</td>
<td>8%</td>
<td>6%</td>
<td>5%</td>
</tr>
</tbody>
</table>
Alcohol Use
Alcohol Use in Past Month

- Binge Drinking 2014
  [Male 5+; Female 4+]
  - WI: 22%
  - US: 16%
  - HP2020 Goal: 24%
  [Male & Female 5+]

*In 2011, 2014 and 2016, “4 or more drinks on an occasion” for females and “5 or more drinks on an occasion” for males was used; in 2005 and 2008, “5 or more drinks on an occasion” was used for both males and females.
Household Problems
Household Problems
In Past Year

% Alcohol  
% Marijuana  
% Cocaine, Heroin or Other Street Drugs  
% Misuse of Prescription Drugs or Over-the-Counter Drugs  
% Gambling


- Alcohol
- Marijuana
- Cocaine, Heroin or Other Street Drugs
- Misuse of Prescription Drugs or Over-the-Counter Drugs
- Gambling
# Times of Distress in Past Three Years (2016)

<table>
<thead>
<tr>
<th>Household Looked for Community Resource Support During Time of Distress (Economic, Medical, Family Issue or Other)</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>19%</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Degree of Support Felt (n=75)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Extremely Supported or Very Supported</td>
<td>59%</td>
</tr>
<tr>
<td>Somewhat Supported, Slightly Supported or Not At All Supported</td>
<td>41%</td>
</tr>
</tbody>
</table>
Mental Health Status
Mental Health Status

- Felt sad, blue, depressed always/nearly always (past 30 days)
- Find meaning & purpose in daily life seldom/never
- Considered suicide (past year)


- 4% 5% 3% 3% 0%
- 3% 4% 2% 2% 3%
- 7% 6% 4% 3% 5%
Children In Household
Child’s Unmet Care in Past 12 Months [17 or Younger]
Child Currently Has Asthma
[17 or Younger]

- 2011: 6%
- 2014: 4%
- 2016: 10%
Child is Seldom/Never Safe in Community [17 or Younger]

- 2011: 0%
- 2014: 0%
- 2016: 1%
Child’s Nutrition and Exercise [5 to 17 Years Old]

- Fruit (2 or More Servings)
- Vegetables (3 or More Servings)
- Fruit/Vegetables (5 or More Servings)
- Physically Active (60 Min./5x/Week)
Child Always/Nearly Always Felt Unhappy, Sad or Depressed in Past 6 Months [8 to 17 Years Old]
Child Experienced Bullying in Past 12 Months [8 to 17 Years Old]

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

- 2011: 19%, 18%, 9%, 6%
- 2014: 32%, 30%, 13%, 0%
- 2016: 33%, 30%, 5%, 3%
County Health Issues
Top County Health Issues
Up to 3 Open-Ended Responses Accepted
[Part 1] (2016)

- Illegal Drug Use: 51%
- Alcohol Use or Abuse: 22%
- Overweight or Obesity: 18%
- Access to Health Care: 18%
- Chronic Diseases: 14%
- Cancer: 12%
- Prescription or OTC Drug Abuse: 9%
- Mental Health or Depression: 8%
Top County Health Issues
Up to 3 Open-Ended Responses Accepted
[Part 2] (2016)

- Environmental Issues: 7%
- Affordable Health Care: 7%
- Driving Problems: 5%
- Lack of Physical Activity: 5%
- Access for Affordable Healthy Food: 5%
- Tobacco Use: 4%
- Violence or Crime: 4%
Select Key Findings of Need

- 23% Delayed/Did Not Seek Medical Care Due to Cost (past year)
- 17% HH Member Not Taken Prescription Due to Cost (past year) vs. 3% HP2020
- 15% Unmet Medical Care vs. 4% HP2020
- 15% Unmet Dental Care vs. 5% HP2020
- 75% Pneumonia Vaccination (65+) vs. 90% HP2020
- 45% Flu Vaccination (past year, 18+) vs. 70% HP2020
- 26% High Blood Pressure
- 69% At Least Overweight (BMI 25.0+)
- 36% Obese (BMI 30.0+) vs. 31% HP2020
- 18% Current Smokers vs. 12% HP2020
- 46% Smokers Tried to Quit Smoking (past year) vs. 80% HP2020
- 34% Binge Drinkers (past month, 4+ F & 5+ M) vs. 24% HP2020 (past month, 5+)
- 33% Children 8 to 17 Years Old Bullied Overall (past year)
- 30% Children 8 to 17 Years Old Verbally Bullied (past year)
Report Available at...

- https://ahc.aurorahealthcare.org/aboutus/community-benefits
- www.chw.org
- www.froedtert.com/community-engagement
- www.co.washington.wi.us
Next Steps