RACINE COUNTY
COMMUNITY HEALTH SURVEY – 2020

Commissioned By:
Ascension Wisconsin
Aurora Health Care
Central Racine County Health Department
City of Racine Public Health Department
Children’s Wisconsin

In Partnership With:
Health Care Network

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 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 (Behavior Risk Factor Survey) along with Healthy People 2020 (HP2020) goals.
Methodology

• 12-page paper survey or electronic survey of residents
• Three-step approach with a random sample of 3,000 addresses
  1. October 23: Pre-notification postcard from the health departments announcing the upcoming paper survey packet. It also provided a QR code and web address to complete online. A Spanish link was also provided.
  2. November 30: Questionnaire packet mailed to households who had not yet completed the survey with postage-paid envelope.
  3. January 11, 2021: Reminder postcard providing the links and offering to send a new survey if it was misplaced.
• 566 surveys were completed out of 2,820 usable addresses (20% response rate).
• All data post-stratified by age and gender of adult residents as of 2010 Census proportions.
• Margin of error: ±4%
March 25, 2020: Wisconsin Safer at Home emergency plan—all non-essential businesses closed for approximately ten weeks. Based on federal Guidelines for Opening Up America Again and Wisconsin Badger Bounce Back, health departments developed:

1. Safer Racine (City of Racine)—based on percent of positive cases, 5-day rolling average of positive cases, percent of hospitals not in crisis care, percent of health care worker positive cases, PPE availability, contract tracing and community spread.

   • At pre-notification postcard: in Phase 3, with non-essential businesses at 50% capacity, adult remote options encouraged and indoor gatherings were limited to 100 people or less with social distancing. Schools encouraged to be virtual unless a reopening plan was reviewed.

   • November 27: go back to more limitations with non-essential businesses at 25% capacity and indoor activities limited to 50 people. Schools were closed until January 15.

   • January 18: expanded back to Phase 3 strategies.
2. Reopening Our Community (Central Racine County)--based on burden (case rate) over 14 days to plot risk category.
   • Throughout data collection: in High Risk, with non-essential businesses at 25% capacity, adult remote options were encouraged and indoor gatherings were limited to 10% capacity with social distancing. Schools were virtual only.
   • As a result, some behaviors may differ from previous study years.
Demographics
## Respondent Demographics

<table>
<thead>
<tr>
<th>Category</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gender</strong></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>49%</td>
</tr>
<tr>
<td>Female</td>
<td>51%</td>
</tr>
<tr>
<td>Nonbinary/Other/Not Sure</td>
<td>&lt;1%</td>
</tr>
<tr>
<td><strong>Household Income</strong></td>
<td></td>
</tr>
<tr>
<td>Bottom 40 Percent Bracket</td>
<td>34%</td>
</tr>
<tr>
<td>Middle 20 Percent Bracket</td>
<td>17%</td>
</tr>
<tr>
<td>Top 40 Percent Bracket</td>
<td>39%</td>
</tr>
<tr>
<td>Not Sure/No Answer</td>
<td>10%</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>27%</td>
</tr>
<tr>
<td>35 to 44</td>
<td>18%</td>
</tr>
<tr>
<td>45 to 54</td>
<td>22%</td>
</tr>
<tr>
<td>55 to 64</td>
<td>16%</td>
</tr>
<tr>
<td>65 and Older</td>
<td>17%</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>23%</td>
</tr>
<tr>
<td>Some post high school</td>
<td>33%</td>
</tr>
<tr>
<td>College graduate</td>
<td>44%</td>
</tr>
<tr>
<td><strong>Marital Status</strong></td>
<td></td>
</tr>
<tr>
<td>Married</td>
<td>59%</td>
</tr>
<tr>
<td><strong>Health Department Service Area</strong></td>
<td></td>
</tr>
<tr>
<td>City of Racine</td>
<td>37%</td>
</tr>
<tr>
<td>Central Racine County</td>
<td>63%</td>
</tr>
</tbody>
</table>

*City of Racine includes Elmwood Park and Wind Point. Central Racine County includes the remaining county.
Health Care Coverage

- Personally Not Covered Currently (18+)
  - WI 2019: 9%
  - US 2019: 11%
  - HP2020 Goal: 0%

- Personally Not Covered Currently (18 to 64 Years Old)
  - WI 2019: 11%
  - US 2019: 14%
  - HP2020 Goal: 0%
Health Care Needed in Past Year (Household Member)

- Household Member Not Taken Prescribed Medication Due to Cost
  - HP2020 Goal: 3%

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

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

*In 2020, the question was asked of any household member. In previous years, the question was asked of the respondent only.
Health Care Services

- **Have Primary Care Physician**
  - WI 2019: 82%
  - US 2019: 76%
  - HP2020 Goal: 84%

Racine County Community Health Survey
General Health
Rating Their Own Health

- Excellent or Very Good Health
  - WI 2019: 50%
  - US 2019: 50%

- Fair or Poor Health
  - WI 2019: 16%
  - US 2019: 18%
Routine Procedures

- **Routine Checkup 2 Years Ago or Less**
  - WI 2019: 87%
  - US 2019: 89%

- **Cholesterol Test 4 Year Ago or Less**
  - WI 2019: 84%
  - US 2019: 87%
  - HP2020 Goal: 82%

- **Dental Checkup Past Year**
  - WI 2018: 71%
  - US 2018: 68%
  - HP2020 Goal: 49%
COVID-19 Vaccination

<table>
<thead>
<tr>
<th></th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Definitely/Probably Get Vaccine</td>
<td>56%</td>
</tr>
<tr>
<td>Definitely/Probably Not Get Vaccine</td>
<td>28%</td>
</tr>
<tr>
<td>Not Sure</td>
<td>17%</td>
</tr>
</tbody>
</table>

- US Sept. 2020 Pew Research Center
  - Definitely/Probably Get Vaccine: 51%
  - Definitely/Probably Not Get Vaccine: 49%
Treated For or Told Have Select Health Conditions in Past 3 Years (2020)

- High Blood Pressure: 28%
- High Blood Cholesterol: 26%
- Mental Health Condition: 21%
- Diabetes: 10%
- Heart Disease/Condition: 10%
- Asthma (Current): 14%
## Treated For or Told Have Select Health Conditions in Past 3 Years

### Asthma (Current)
- WI 2019: 10%
- US 2019: 10%

### Racine County Community Health Survey

<table>
<thead>
<tr>
<th>Year</th>
<th>High Blood Pressure</th>
<th>High Blood Cholesterol</th>
<th>Mental Health Condition</th>
<th>Diabetes</th>
<th>Heart Disease/Condition</th>
<th>Asthma (Current)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>27%</td>
<td>22%</td>
<td>13%</td>
<td>8%</td>
<td>9%</td>
<td>8%</td>
</tr>
<tr>
<td>2012</td>
<td>30%</td>
<td>22%</td>
<td>15%</td>
<td>8%</td>
<td>9%</td>
<td>9%</td>
</tr>
<tr>
<td>2015</td>
<td>31%</td>
<td>24%</td>
<td>21%</td>
<td>7%</td>
<td>9%</td>
<td>7%</td>
</tr>
<tr>
<td>2017</td>
<td>23%</td>
<td>20%</td>
<td>11%</td>
<td>8%</td>
<td>8%</td>
<td>7%</td>
</tr>
<tr>
<td>2019</td>
<td>28%</td>
<td>26%</td>
<td>21%</td>
<td>14%</td>
<td>10%</td>
<td>10%</td>
</tr>
</tbody>
</table>
Health Condition Controlled Through Medication, Therapy or Lifestyle Changes

<table>
<thead>
<tr>
<th>Condition</th>
<th>2012</th>
<th>2015</th>
<th>2017</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Blood Pressure</td>
<td>94%</td>
<td>93%</td>
<td>95%</td>
<td>91%</td>
</tr>
<tr>
<td>High Blood Cholesterol</td>
<td>88%</td>
<td>91%</td>
<td>84%</td>
<td>88%</td>
</tr>
<tr>
<td>Mental Health Condition</td>
<td>91%</td>
<td>89%</td>
<td>85%</td>
<td>82%</td>
</tr>
<tr>
<td>Diabetes</td>
<td>94%</td>
<td>90%</td>
<td>91%</td>
<td>94%</td>
</tr>
<tr>
<td>Heart Disease/Condition</td>
<td>93%</td>
<td>98%</td>
<td>92%</td>
<td>81%</td>
</tr>
<tr>
<td>Asthma (Current)</td>
<td>95%</td>
<td>92%</td>
<td>97%</td>
<td>96%</td>
</tr>
</tbody>
</table>
Physical Health
Body Weight

- At Least Overweight (BMI 25.0+)
  - WI 2019: 70%
  - US 2019: 67%
  - HP2020 Goal: 66%

- Obese (BMI 30.0+)
  - WI 2019: 34%
  - US 2019: 32%
  - HP2020 Goal: 31%
Physical Activity in Usual Week

- **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%

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

- 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%

*Racine County Community Health Survey

*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.
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%

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*In 2009, blood stool test was not asked.

**Recommended time frame: blood stool test within the past year, sigmoidoscopy within the past five years, or colonoscopy within the past 10 years.

Racine County Community Health Survey
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
Tobacco Use
Electronic Vaping or Cigarette Smoking in Past Month

- **Current Vapers**
  - WI 2017: 4%
  - US 2017: 5%

- **Current Smokers**
  - WI 2019: 15%
  - US 2019: 16%
  - HP2020 Goal: 12%
Smoking Cessation in Past Year (Current Smokers)

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

![Quit Smoking for At Least 1 Day Graph](chart)

Racine County Community Health Survey
Exposure to Cigarette Smoke/Electronic Vapor

*In 2020, the question included nonvapers being exposed to vapors. In all other years, the question was asked of nonsmoking respondents only.

**In 2020, the question included vaping. In all other years, the question was asked of smoking only.
Other Tobacco Products in Past Month

- Smokeless Tobacco
  - WI 2019: 3%
  - US 2019: 4%
  - HP2020 Goal: 0.2%

![Graph showing the percentage of smokeless tobacco and cigars consumption over years (2015, 2017, 2020).]
Alcohol Use
Alcohol Use in Past Month

- Drank Alcohol
  - WI 2019: 65%
  - US 2019: 54%

- Binge Drinker (Female 4+ Drinks; Male 5+ Drinks on an Occasion)
  - WI 2019: 22%
  - US 2019: 17%
  - HP2020 Goal (5+ Drinks): 24%

*In 2012, 2015, 2017 and 2020, “4 or more drinks on an occasion” for females and “5 or more drinks on an occasion” for males was used; in 2009, “5 or more drinks on an occasion” was used for both males and females.

Racine County Community Health Survey
Other Substance Use
Other Substance Use in Past Month

<table>
<thead>
<tr>
<th>Substances</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marijuana, Cocaine, Heroin or Other Street Drugs</td>
<td>5%</td>
</tr>
<tr>
<td>Prescription Drug Misuse/Abuse</td>
<td>3%</td>
</tr>
</tbody>
</table>
Mental Health
**Mental Health**

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

*In 2020, the question asked about finding meaning and purpose in life in the past month. In all other years, the question did not include a timeframe but included “daily life.”*
Children In Household
Child’s Primary Doctor/Nurse
[Child 17 or Younger]

Racine 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)
Child’s Unmet Care in Past Year
[Child 17 or Younger]

Racine County Community Health Survey

Unmet Dental Care
Unmet Medical Care
Unmet Specialist Care

0% 2012 2015 2017 2020
7% 9% 4% 4% 12%
2% 4% 3% 1% 9%
<1% <1% 0% <1% 9%

2012 2015 2017 2020
80% 60% 40% 20% 0%
Child Currently Has Asthma
[Child 17 or Younger]

Racine County Community Health Survey
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/Past Week) [Child 5 to 17 Years Old]

Racine County Community Health Survey
Child’s Emotional Well-Being in Past 6 Months [Child 5 to 17 Years Old]*

*In 2012, 2015 and 2017, the question was asked for children 8 to 17 years old.
Child Experienced Bullying in Past Year
[5 to 17 Years Old]*

*In 2012, 2015 and 2017, the question was asked for children 8 to 17 years old.
How Supported You Feel with Community Resources Offered

- Not at All Supported: 10%
- Slightly Supported: 7%
- Somewhat Supported: 24%
- Very Supported: 19%
- Extremely Supported: 3%
- Not Sure: 37%

Racine County Community Health Survey
Top County Health Issues
### Top County Health Issues

Up to Three Accepted [Part 1]

#### Racine County Community Health Survey

<table>
<thead>
<tr>
<th>Year</th>
<th>Issue</th>
<th>2017</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>Coronavirus/COVID-19</td>
<td>9%</td>
<td>43%</td>
</tr>
<tr>
<td>2017</td>
<td>Affordable Health Care</td>
<td>33%</td>
<td>26%</td>
</tr>
<tr>
<td>2017</td>
<td>Violence or Crime</td>
<td>26%</td>
<td>16%</td>
</tr>
<tr>
<td>2017</td>
<td>Overweight or Obesity</td>
<td>20%</td>
<td>18%</td>
</tr>
<tr>
<td>2017</td>
<td>Illegal Drug Use</td>
<td>24%</td>
<td>19%</td>
</tr>
<tr>
<td>2017</td>
<td>Mental Health or Depression</td>
<td>10%</td>
<td>14%</td>
</tr>
<tr>
<td>2017</td>
<td>Access to Health Care</td>
<td>6%</td>
<td>0%</td>
</tr>
</tbody>
</table>

#### Additional Observations

- **Coronavirus/COVID-19** has significantly increased from 9% to 43%.
- **Affordable Health Care** has slightly decreased from 33% to 26%.
- **Violence or Crime** has remained relatively stable at 26% and 16%.
- **Overweight or Obesity** has increased from 20% to 18%.
- **Illegal Drug Use** has maintained its percentage at 24% and 19%.
- **Mental Health or Depression** has slightly increased from 10% to 14%.
- **Access to Health Care** has decreased from 6% to 0%.

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**Racine County Community Health Survey**

53
Top County Health Issues
Up to Three Accepted [Part 2]

Racine County Community Health Survey

### Chronic Diseases
- 2017: 17%
- 2020: 10%

### Driving Problems/Aggressive Driving/Drunk Driving
- 2017: 0%
- 2020: 10%

### Lack of Physical Activity
- 2017: 10%
- 2020: 8%

### Alcohol Use or Abuse
- 2017: 5%
- 2020: 4%

### Prescription or Over-the-Counter Drug Abuse
- 2017: 3%
- 2020: 6%

### Aging or Aging Population
- 2017: 7%
- 2020: 5%

### Cancer
- 2017: 2%
- 2020: 4%

### Environmental Issues
- 2017: 5%
- 2020: 6%
Select Key Findings of Need

- 10% Someone in Household Not Covered by Health Insurance in Past Year
- 13% Prescription Medication Not Taken Due to Cost vs 3% HP2020
- 11% Unmet Medical Care in Household vs 4% HP2020
- 25% Unmet Dental Care in Household vs 5% HP2020
- 9% Unmet Mental Health Care in Household
- 28% High Blood Pressure in Past 3 Years
- 26% High Blood Cholesterol in Past 3 Years
- 21% Mental Health Condition in Past 3 Years
- 75% At Least Overweight vs 66% HP2020
- 39% Obese vs 31% HP2020
- 47% Smokers Tried to Quit Smoking vs 80% HP2020
- 19 Seldom/Never Find Meaning and Purpose in Life in Past Month
- Top County Health Issues (Up to 3 Accepted): 43% Coronavirus/COVID-19, 33% Affordable Health Care, 26% Violence/Crime
Next Steps