

# Proposed Health Equity Indicators:

## Whatcom County Community Health Assessment 2018

The following is a summary done of the crosswalk between several frameworks designed to measure equity within communities and the 2018 Whatcom County Community Health Status Assessment. Frameworks include: King County Determinants of Equity, PolicyLink's National Equity Atlas, Robert Wood Johnson Foundation, Mobilizing for Action through Planning and Partnership (MAPP), Washington Tracking Network, Healthy People 2020, Community Commons, Health Care Institute (IOM), and Washington State Department of Health.

### Limitations

The proposed Health Equity indicators are based off of Whatcom County's 2018 Community Health Status Assessment. The indicators in the Community Health Status Assessment (CHSA) were selected from 23 sources that include standard population health data systems. CHSA indicators were chosen using criteria developed by County Health Rankings, and the selected indicators align with recommendations for regional, state, and national community health status indicators, as well as the 2012-2016 Whatcom County Community Health Improvement Plan.

### Next Steps

Whatcom County Health Department, in partnership with community partners, will finalize a list of key health equity indicators in 2019. Indicators and additional qualitative data will be shared with the community annually to monitor and evaluate progress in reducing disparities.

### Indicators

|                 |                              |  |
|-----------------|------------------------------|--|
| Demographics    | Language                     | <ul style="list-style-type: none"> <li>Population That Speaks English Less Than “Very Well”</li> </ul>   |
|                 | Population with a Disability | <ul style="list-style-type: none"> <li>Population 5 to 17 years with a disability</li> <li>Population 18 to 34 years with a disability</li> <li>Population 75 years and over with a disability</li> <li>Population 35 to 64 years with a disability</li> <li>Population 65 to 74 years with a disability</li> </ul>  |
| Health Outcomes | Length of Life               | <ul style="list-style-type: none"> <li>Coronary heart disease death rate per 100,000</li> <li>Drug-related death rate per 100,000</li> <li>Lung cancer death rate per 100,000</li> <li>Motor vehicle traffic death rate per 100,000</li> <li>Stroke death rate per 100,000</li> <li>Suicide death rate per 100,000</li> <li>Unintentional injury death rate per 100,000</li> <li>Infant death rate per 1,000 live births</li> <li>Premature Death: Total years of potential life lost before age 75</li> <li>Drug-related death rate per 100,000 (recent)</li> </ul> |

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|--------------------------------|-----------------------------|--|
| Health Outcomes<br>(continued) | Quality of Life             | <ul style="list-style-type: none"> <li>• Adults reporting poor or fair general health</li> <li>• HIV Incidence Rate</li> <li>• Adults currently with Asthma</li> <li>• 10th grade students currently with asthma</li> <li>• Adults who have ever been told they had diabetes</li> <li>• 10th grade students reporting depression in the last 12 months</li> <li>• 10th grade students seriously considering suicide in the last 12 months</li> <li>• Adults reporting ≥14 days per month of poor mental health</li> <li>• Infant low birth weight rate per 1,000</li> <li>• Adults who have ever been told by a doctor they had high blood pressure</li> </ul> |
| Social & Economic Factors      | Community Safety & Violence | <ul style="list-style-type: none"> <li>• Pedal cyclist injury hospitalization rate</li> <li>• rates of incarceration by race/ethnicity</li> <li>• Pedestrian injury hospitalization rate</li> <li>• Violent crime per 1,000 Arrests (Age +18)</li> <li>• Victims of child abuse and neglect per 1,000</li> <li>• Domestic violence offenses per 1,000</li> <li>• 10 grade students who reported drinking and driving in the last 30 days</li> </ul>  |
|                                | Education                   | <ul style="list-style-type: none"> <li>• Adults Ages 18-24 Enrolled in College</li> <li>• Adults ages 25-44 with some post-secondary education</li> <li>• On-Time Graduation Rate</li> <li>• Children who demonstrate readiness skills for kindergarten in all areas</li> </ul>  |
|                                | Housing Security            | <ul style="list-style-type: none"> <li>• Population experiencing homelessness</li> <li>• Families with children experiencing homelessness</li> <li>• Homelessness of public school students</li> <li>• Cost Burden Households (Housing cost is &gt; 30% of income)</li> <li>• Severe Housing Problems</li> <li>• Renter-occupied households cost burden (&gt; 30% of income on housing)</li> <li>• Owner-occupied households cost burden (&gt; 30% of income on housing)</li> <li>• Homeowner vacancy rate</li> <li>• Rental vacancy rate</li> </ul>   |
|                                | Income & Poverty            | <ul style="list-style-type: none"> <li>• Gini Index</li> <li>• ALICE (Asset Limited, Income Constrained, Employed) Households</li> <li>• Community Needs Index</li> <li>• 10th grade students experiencing food insecurity in past year</li> <li>• Median Household Income</li> <li>• Population living below the poverty level</li> <li>• Population 18 and under living below poverty level</li> <li>• Children eligible for free-reduced lunch per 100 students</li> </ul>  |
|                                | Isolation                   | <ul style="list-style-type: none"> <li>• Population 65+ living alone</li> <li>• Households with limited access to a private vehicle</li> </ul>   |
|                                | Social Support              | <ul style="list-style-type: none"> <li>• Children that live in a household headed by a single parent</li> <li>• 10th grade students reporting having community support</li> <li>• Adults who can count on other adults to watch out for children</li> <li>• Rate of Social Associations</li> <li>• Adults with community support</li> <li>• % registered voters</li> <li>• % voted</li> </ul>  |
|                                | Unemployment                | <ul style="list-style-type: none"> <li>• Unemployment rate</li> </ul>  |

|                              |                                 |  |
|------------------------------|---------------------------------|--|
| Physical environment         | Air quality                     | <ul style="list-style-type: none"> <li>• Air Pollution - Particulate Matter Days (Washington Air Quality Index)</li> </ul>   |
|                              | Built Environment               | <ul style="list-style-type: none"> <li>• Food Insecurity</li> <li>• Access to exercise opportunities</li> <li>• Index of factors that contribute to a healthy food environment, (0-10)</li> <li>• Population living within a half a mile of a park</li> </ul>  |
|                              | Commute                         | <ul style="list-style-type: none"> <li>• Commuters walking to work</li> <li>• Mean travel commute time to work (minutes)</li> <li>• Driving alone to work</li> </ul>   |
|                              | Water Quality                   | <ul style="list-style-type: none"> <li>• Population served by Community Water Systems (CWS) as sources of drinking water</li> </ul>  |
| Health Behaviors             | Alcohol & Drug Use              | <ul style="list-style-type: none"> <li>• Adults binge-drinking in past month</li> <li>• Binge drinking among 10th grade students (in the last 30 days)</li> <li>• Marijuana use among 10th grade students (in the last 30 days)</li> <li>• Alcohol-related death rate per 100,000 (recent)</li> </ul>  |
|                              | Immunizations & Screenings      | <ul style="list-style-type: none"> <li>• Children 19-35 months who received recommended vaccines</li> <li>• Adult influenza vaccination status (in the last 12 months)</li> <li>• Adults, 50+ who had appropriate screening for colorectal cancer</li> <li>• Women, 50-74 years old that were screened for breast cancer in last 2 years</li> </ul>  |
| Health Behaviors (continued) | Nutrition and Physical Activity | <ul style="list-style-type: none"> <li>• Adults eating fruit once or more per day</li> <li>• Adults eating vegetables once or more per day</li> <li>• Adults who met aerobic physical activity guidelines</li> <li>• Adults who are obese (self-reported BMI <math>\geq 29</math>)</li> <li>• 10th grade students who are obese (&gt;95th percentile)</li> <li>• Adults ages 20+ reporting no physical activity</li> <li>• 10th grade students who met aerobic physical activity guidelines</li> </ul>   |
|                              | Sexual Health                   | <ul style="list-style-type: none"> <li>• Chlamydia incidence rate</li> <li>• Gonorrhea incidence rate</li> <li>• Primary Syphilis incidence rate</li> <li>• Teen pregnancy rate (age 15-17 yrs) per 1,000</li> </ul>   |
|                              | Tobacco Use                     | <ul style="list-style-type: none"> <li>• Adults current cigarette use</li> <li>• Cigarette use among 10th grade students (in the past 30 days)</li> <li>• E-cigarette use among 10th grade students (in the past 30 days)</li> </ul>   |
| Health Care                  | Access to Care                  | <ul style="list-style-type: none"> <li>• Children with untreated tooth decay*</li> <li>• Adults who visited dentist or dental clinic in past year</li> <li>• 10th grade students who saw a dentist in the past 2 years</li> <li>• Adults with personal healthcare provider</li> <li>• Infants 12-24 months who had a well-care visit with a primary care practitioner in the past year</li> <li>• Children and youth (<math>\leq 18</math> years) without health insurance</li> <li>• Adults (18-64 years) without health insurance</li> <li>• Adults (65+ years) without health insurance</li> <li>• First trimester prenatal care</li> </ul> |
|                              | Quality of Care                 | <ul style="list-style-type: none"> <li>• Potentially-avoidable ER visits</li> <li>• 30-day all-cause hospital readmissions per 100,000 (Crude)</li> <li>• Diabetic monitoring of Medicare enrollees ages 65-75</li> <li>• Mammography screening of Medicare enrollees ages 67-69</li> </ul>  |