

National RN Population Health Nurse Certificate Program

Reading & Resource Guide: Accessing Data & Identifying Population Health Trends

Readings:

1. Privacy & Confidentiality (ANA, 2024)
Position Statement. Clarifies nurses' obligation to protect patients' right to privacy and nurses' duty of confidentiality. Provides recommendations to avoid breaches and violations & discusses ongoing advances in technology & the increased the risk of intentional and unintentional breaches of privacy and exposure of confidential information.

Data Resources for Practice:

1. National Survey of Children's Health (DHS, 2021-23)
Content Map Infographic. Lists the child & family health core measures of the eight identified areas of child & adolescent health.
2. Wisconsin Pregnancy Risk Assessment Monitoring System (PRAMS) (WI DHS, 2022)
2018-19 Surveillance Report. This is a population-based survey of individuals who recently gave birth in Wisconsin and collects state specific data on maternal attitudes & experiences before, during & shortly after pregnancy. Includes relevant social determinants of health that impacted health outcomes.
3. United States Quick Facts (US Census Bureau)
Interactive Website. Provides statistics for all states and counties. Has a quick search by state, county, city, town or zip code.
<https://www.census.gov/quickfacts/>
4. The Behavioral Risk Factor Surveillance System (BRFSS) Prevalence & Trends Data (CDC)
Interactive Website. Uses health-related telephone surveys that collect state data about U.S. residents regarding their health-related risk behaviors, chronic health conditions, and use of preventive services.
<https://www.cdc.gov/brfss/brfssprevalence/index.html>
5. County Cancer Data (Wisconsin Cancer Collaborative)
Interactive Website. Provides county cancer profiles including a comparison of state-wide cancer statistics risk factors and national comparisons.
<https://wicancer.org/resources/12148-2/county-cancer-profiles/>
6. County Health Rankings & Roadmaps (UW Population Health Institute)
Interactive Website. Provides access to data including social determinants of health to provide a starting point for communities to investigate where to make change. Includes a data by location search as well as guidance on how to use the data.
<https://www.countyhealthrankings.org/health-data>



7. The Burden of Binge Drinking in Wisconsin (UW Population Health Institute)
Information Website. Provides both a downloadable summary report and full county by county report including economic cost and county-level indicators.
https://uwphi.pophealth.wisc.edu/about-us/publications-2/evaluation-reports-2/burden_of_binge_drinking/
8. The Adult Alcohol Use Dashboard (WI DHS)
Information Website with Data Displays. Dashboard displays estimates of adult alcohol consumption from two national surveys, the Behavioral Risk Factor Survey and the National Survey on Drug Use and Health. These surveys present a picture of alcohol consumption in Wisconsin and the nation.
<https://www.dhs.wisconsin.gov/alcohol/adult-use.htm>
9. Opioid and Prescription Pain Medication Use (WI DHS)
Information Website with Data Displays. Dashboard displays estimates from two national surveys, the Behavioral Risk Factor Survey and the National Survey on Drug Use and Health. These surveys allow us to get a picture of how people use opioids and prescription pain medications.
<https://www.dhs.wisconsin.gov/opioids/adult-use.htm>
10. Wisconsin Youth Risk Behavior Survey (WI Dept of Public Instruction)
Information Website with downloadable Information Sheets. The Wisconsin Youth Risk Behavior Survey (YRBS) is conducted as part of a national effort by the U.S. Centers for Disease Control and Prevention to monitor health-risk behaviors of the nation's high school students. These behaviors, in turn, result in the most significant causes of both mortality and morbidity during youth and adulthood. The behaviors monitored by the Wisconsin YRBS include mental health, traffic safety, weapons and violence, suicide, tobacco use, alcohol and other drug use, sexual behavior, nutrition, and exercise.
<https://dpi.wi.gov/sspw/yrbs>
11. High School Youth Risk Behavior Survey (YRBS) - Youth Online (CDC)
Interactive Website. Youth Online lets you analyze national, state, and local Youth Risk Behavior Surveillance System (YRBSS) data from high school and middle school surveys conducted during 1991 – 2021 and Global School-based Student Health Survey (GSHS) data from students aged 13-17 conducted during 2003 – 2015. YRBSS data can be filtered and sorted on the basis of race/ethnicity, sex, academic grade, and sexual orientation while GSHS data can be filtered and sorted on sex and age.
<https://nccd.cdc.gov/Youthonline/App/Default.aspx>
12. National Survey of Children's Health (The Child & Adolescent Health Measurement Initiative)
Information Website with Interactive Data Query. Access user friendly information about, data findings on, and datasets and codebooks for the National Survey of Children's Health (NSCH).
<https://www.childhealthdata.org/>