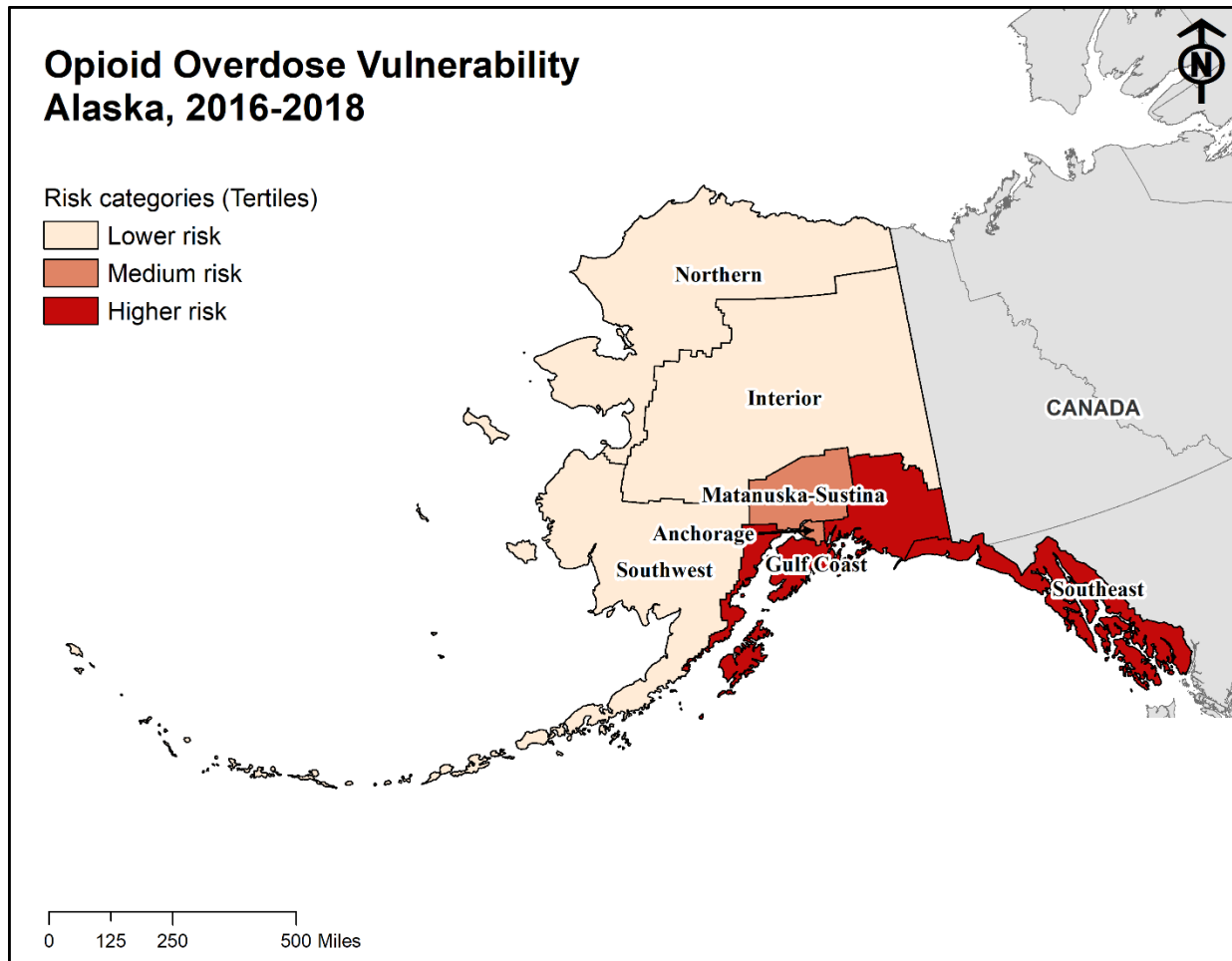


Appendix A

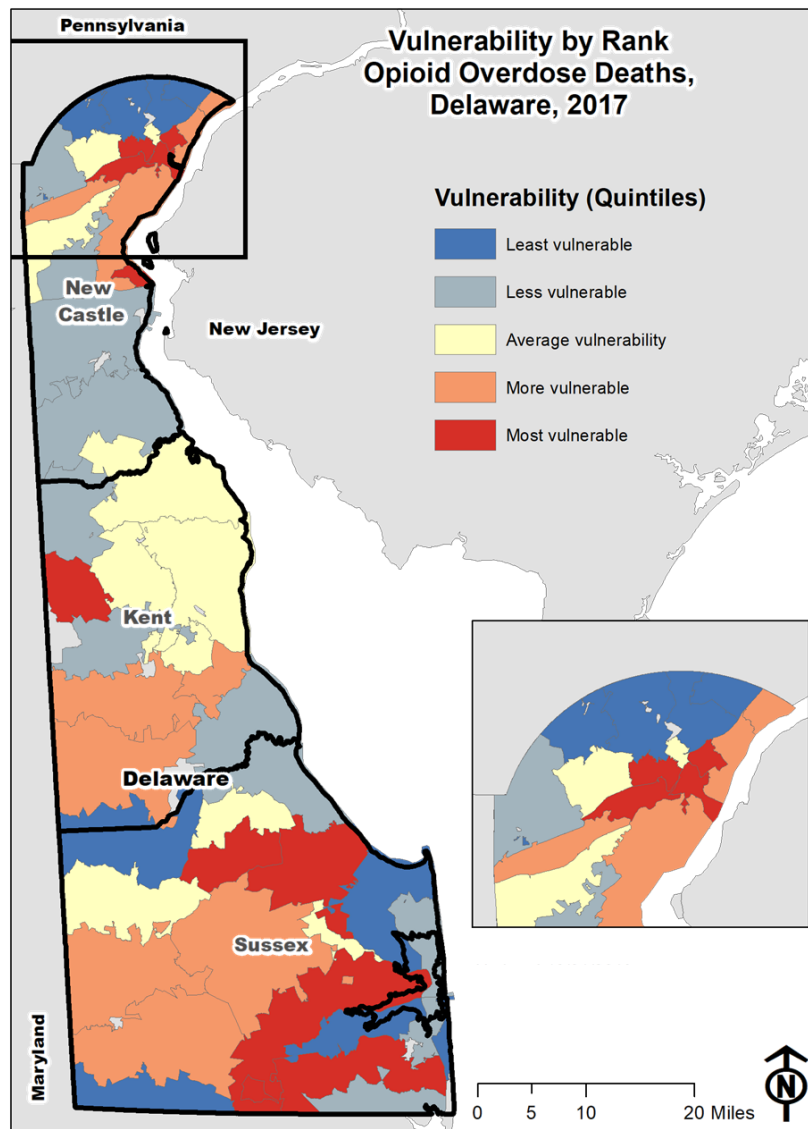
State	Reference
Georgia	Georgia Department of Public Health. <i>Assessment of County Vulnerability to Increases in Injection Drug Use-Related Infectious Disease and Opioid Overdose</i> . 2018.
Iowa	Iowa Department of Public Health. Jurisdiction-level Vulnerability Assessments for Risk of Opioid Overdoses and Rapid Dissemination of HIV and Hepatitis C. Iowa Department of Public Health. Accessed June 22, 2022. https://idph.iowa.gov/Portals/1/userfiles/40/Vulnerability%20Index%20Assessment%20Report%20-%20FINAL.pdf
Maine	Maine Department of Health and Human Services. Vulnerability Assessment for Opioid Overdoses and Bloodborne Infections Associated with Non-Sterile Injection Drug Use in Maine. 2019. Accessed Dec 1 2020. https://www.maine.gov/dhhs/mecdc/navtabs/documents/Maine-CDC-Vulnerabilty-Assessment-Report.pdf
South Carolina	Mercadel J, Schneider R. <i>Vulnerability Assessment Report and Jurisdictional Plan: South Carolina</i> . 2019.
Nevada	Nevada Department of Health and Human Services. Nevada Vulnerability Assessment. 2020.
Tennessee	Rickles M, Rebeiro PF, Sizemore L, et al. Tennessee's In-state Vulnerability Assessment for a "Rapid Dissemination of Human Immunodeficiency Virus or Hepatitis C Virus Infection" Event Utilizing Data About the Opioid Epidemic. <i>Clin Infect Dis</i> . May 17 2018;66(11):1722-1732. doi:10.1093/cid/cix1079
Missouri	Missouri Department of Health and Senior Services. Missouri Opioid Overdose and Bloodborne Infection Vulnerability Assessments 2020. Accessed June 22, 2022. https://health.mo.gov/data/opioids/pdf/vulnerability-assessments-full-report-2020.pdf
Utah	Sharareh N, Hess R, White S, Dunn A, Singer PM, Cochran J. A vulnerability assessment for the HCV infections associated with injection drug use. <i>Prev Med</i> . May 2020;134:106040. doi:10.1016/j.ypmed.2020.106040
West Virginia	West Virginia Department to Health and Human Services. County-level Vulnerability to Overdose Deaths in West Virginia. Accessed Dec 1, 2020. https://oeps.wv.gov/HCV/documents/data/WV_OD_Vulnerability_Assessment.pdf
Pennsylvania	Bureau of Epidemiology Pennsylvania Department of Health. Public Health Impacts of the Opioid Epidemic: Vulnerability to Bloodborne Infections and Overdose Death. 2020. Accessed Dec 1 2020. https://www.health.pa.gov/topics/Documents/Opioids/Vulnerability%20Assessment%20Report.pdf

Wisconsin	Wisconsin Department of Health Services. Preventing and treating harms of the opioid crisis: An assessment to identify geographic gaps in services, and a plan to address these gaps. 2020. Accessed Dec 1, 2020. https://www.dhs.wisconsin.gov/publications/p02605.pdf
Washington	Washington State Department of Health. Washington State County Profiles of Social Determinants of Health, HIV, Hepatitis C, and Opioid Overdose 2020. Accessed Dec 1 2020. https://www.doh.wa.gov/Portals/1/Documents/Pubs/347-651-WACountyProfilesSocialDeterminantsHIVHepCOpioidOverdose.pdf
Ohio	Hernandez A, Branscum AJ, Li J, MacKinnon NJ, Hincapie AL, Cuadros DF. Epidemiological and geospatial profile of the prescription opioid crisis in Ohio, United States. <i>Scientific Reports</i> . 2020/03/09 2020;10(1):4341. doi:10.1038/s41598-020-61281-y
Arkansas	Arkansas Department of Human Services. Prescription Drug/Opioid Overdose-Related Deaths (PDO): Arkansas Strategic Plan 2016-2021 (Appendix 7: Prescription Drug/Opioid Overdose Needs Assessment – 2017) Accessed June 22, 2022. https://humanservices.arkansas.gov/wp-content/uploads/PDO_Strategic_Plan_v3_rev_052318.pdf
Rhode Island	Schneider R, Carlson L, Rosenthal S. Mapping the Opioid Epidemic in Rhode Island: Where Are We Missing Resources? <i>R I Med J</i> (2013). Feb 3 2020;103(1):46-50.
South Dakota	Wesner CA, Zhang W, Melstad S, et al. Assessing County-Level Vulnerability for Opioid Overdose and Rapid Spread of Human Immunodeficiency Virus and Hepatitis C Infection in South Dakota. <i>The Journal of Infectious Diseases</i> . 2020;222(Supplement_5):S312-S321. doi:10.1093/infdis/jiaa231
Michigan	Michigan Dept. of Health and Human Services. Vulnerability Index Assessment. Accessed June 22, 2022. https://www.michigan.gov/documents/mdhhs/Vulnerability_Assessment_PPT_666306_7.pdf
Illinois	Bergo CJ, Epstein JR, Hoferka S, Kolak MA, Pho MT. A Vulnerability Assessment for a Future HIV Outbreak Associated With Injection Drug Use in Illinois, 2017-2018. <i>Front Sociol</i> . 2021;6:652672. doi:10.3389/fsoc.2021.652672

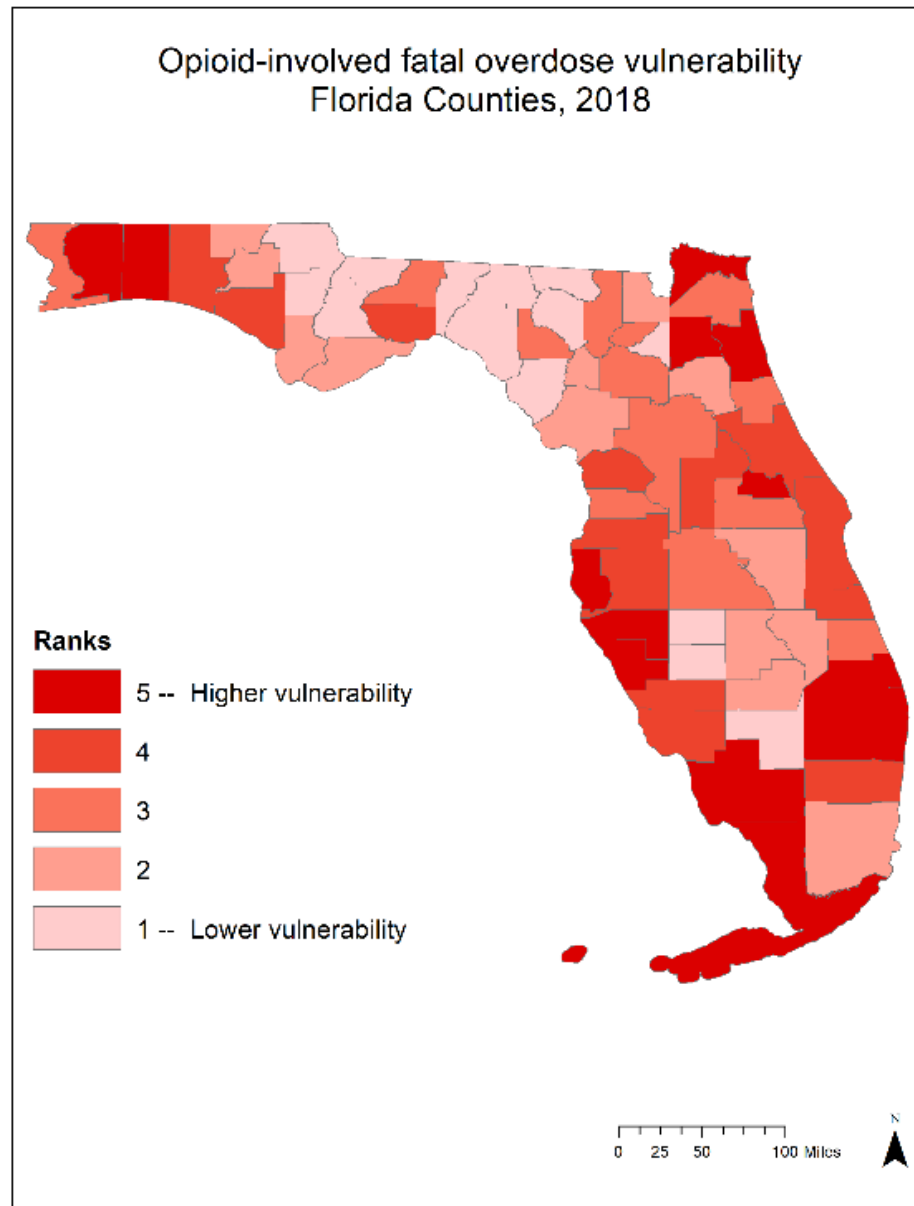
Appendix B



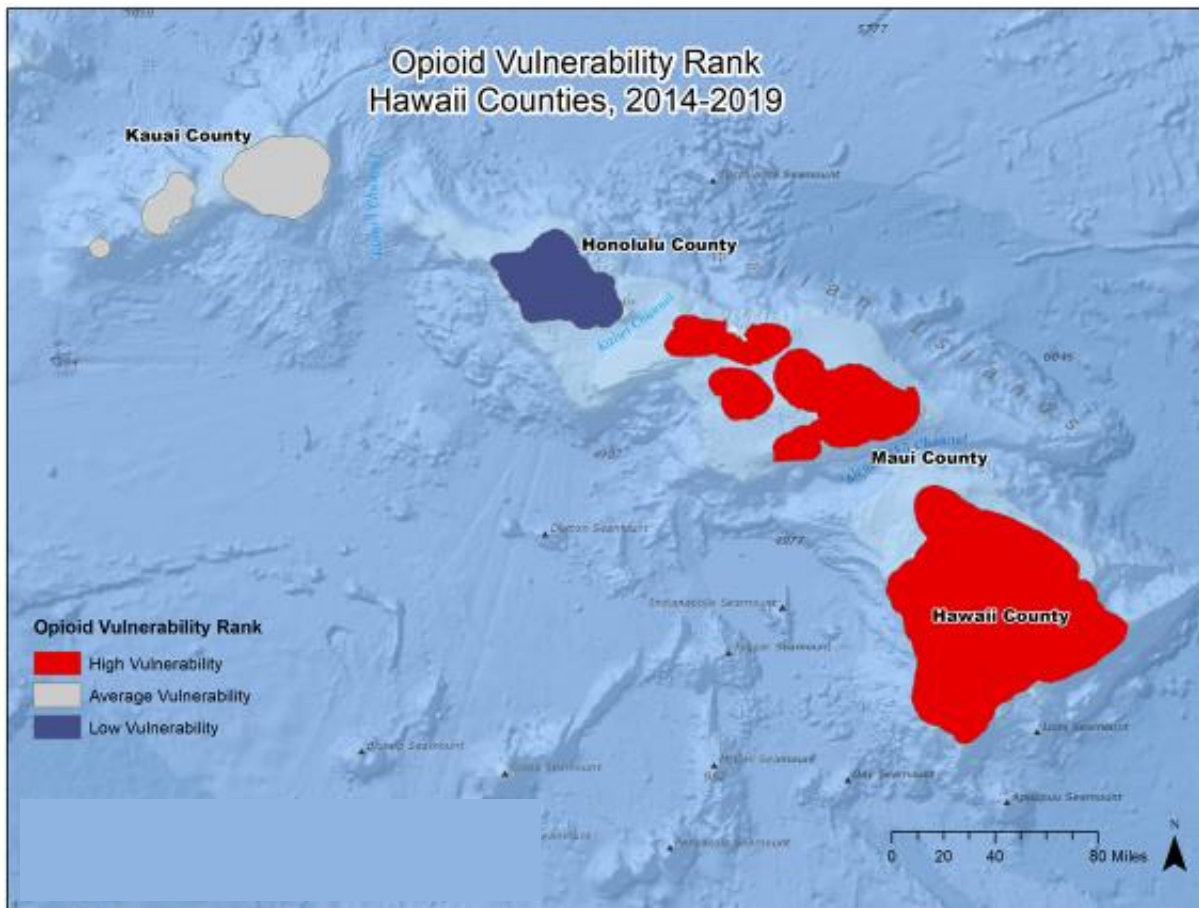
Opioid overdose vulnerability, Alaska Public Health Regions, 2016-2018



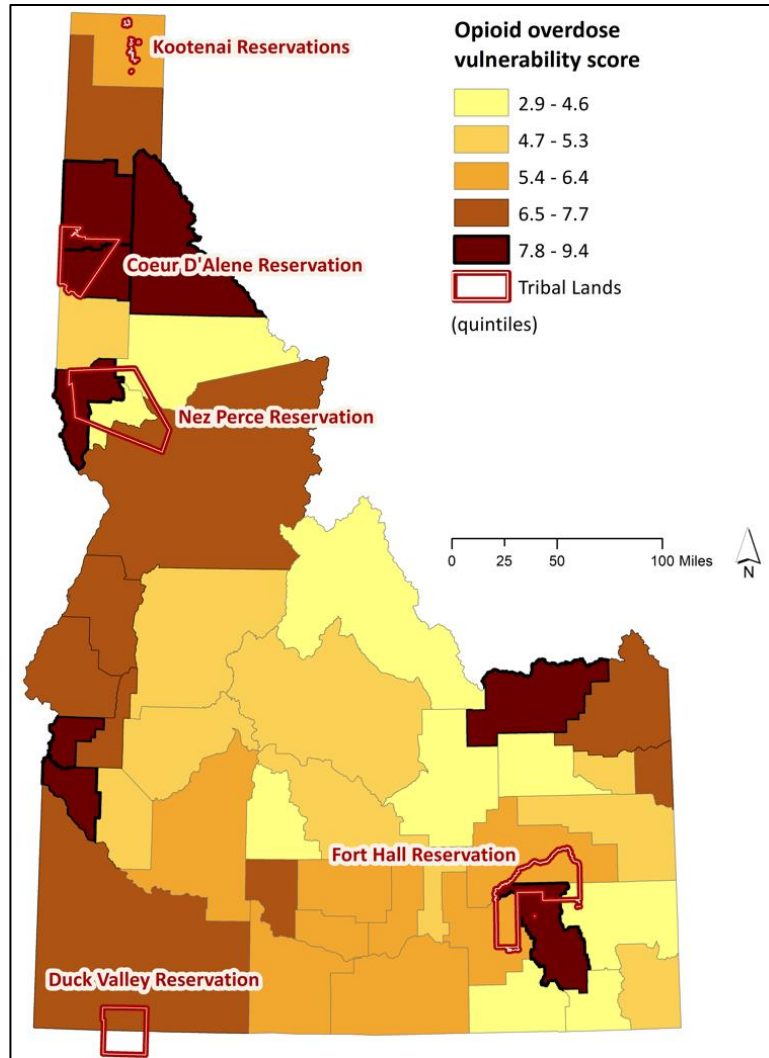
Opioid Overdose Vulnerability, by Delaware Zip Code Tabulation Area, 2017.



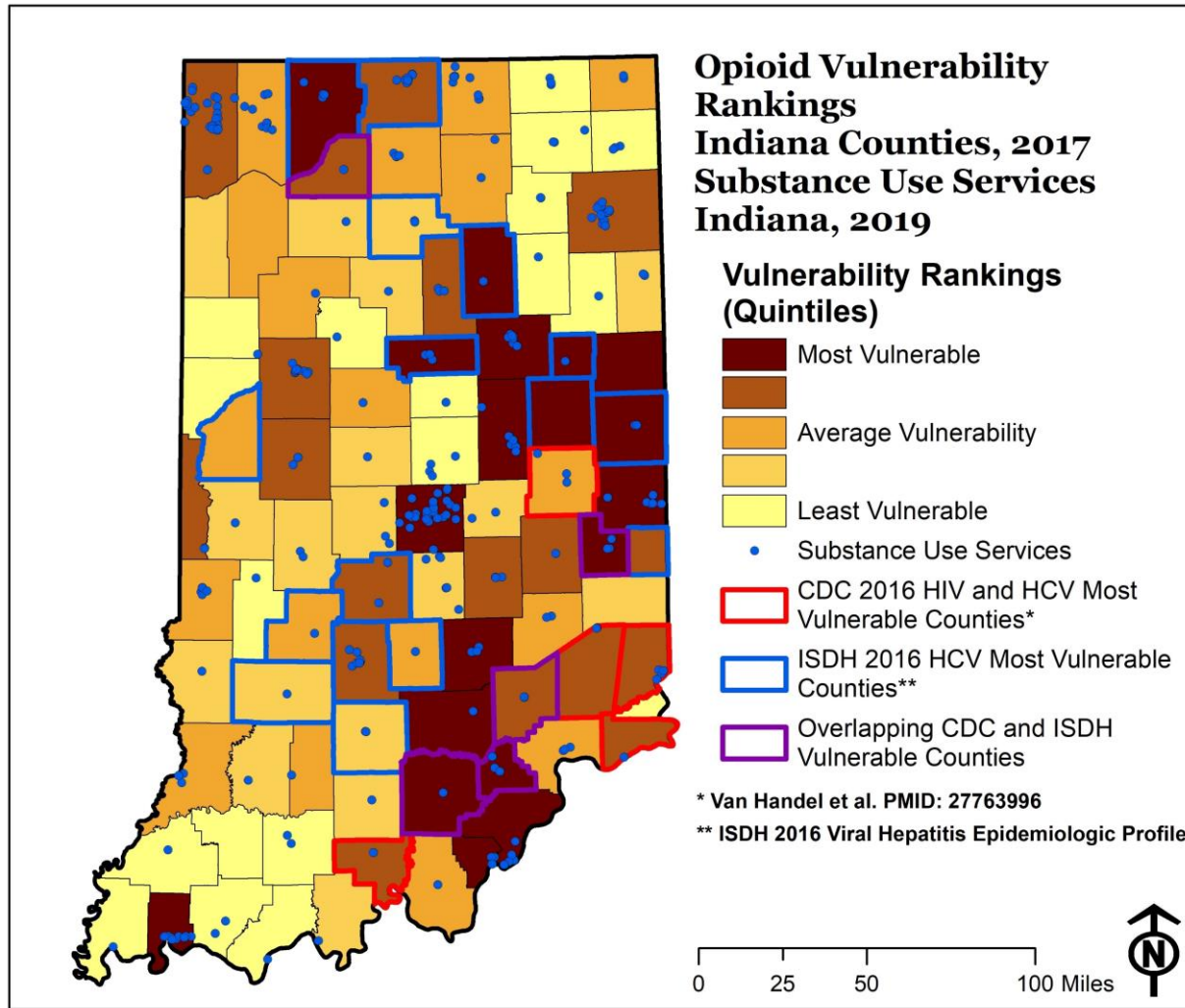
Opioid Overdose Vulnerability, by Florida counties, 2018.



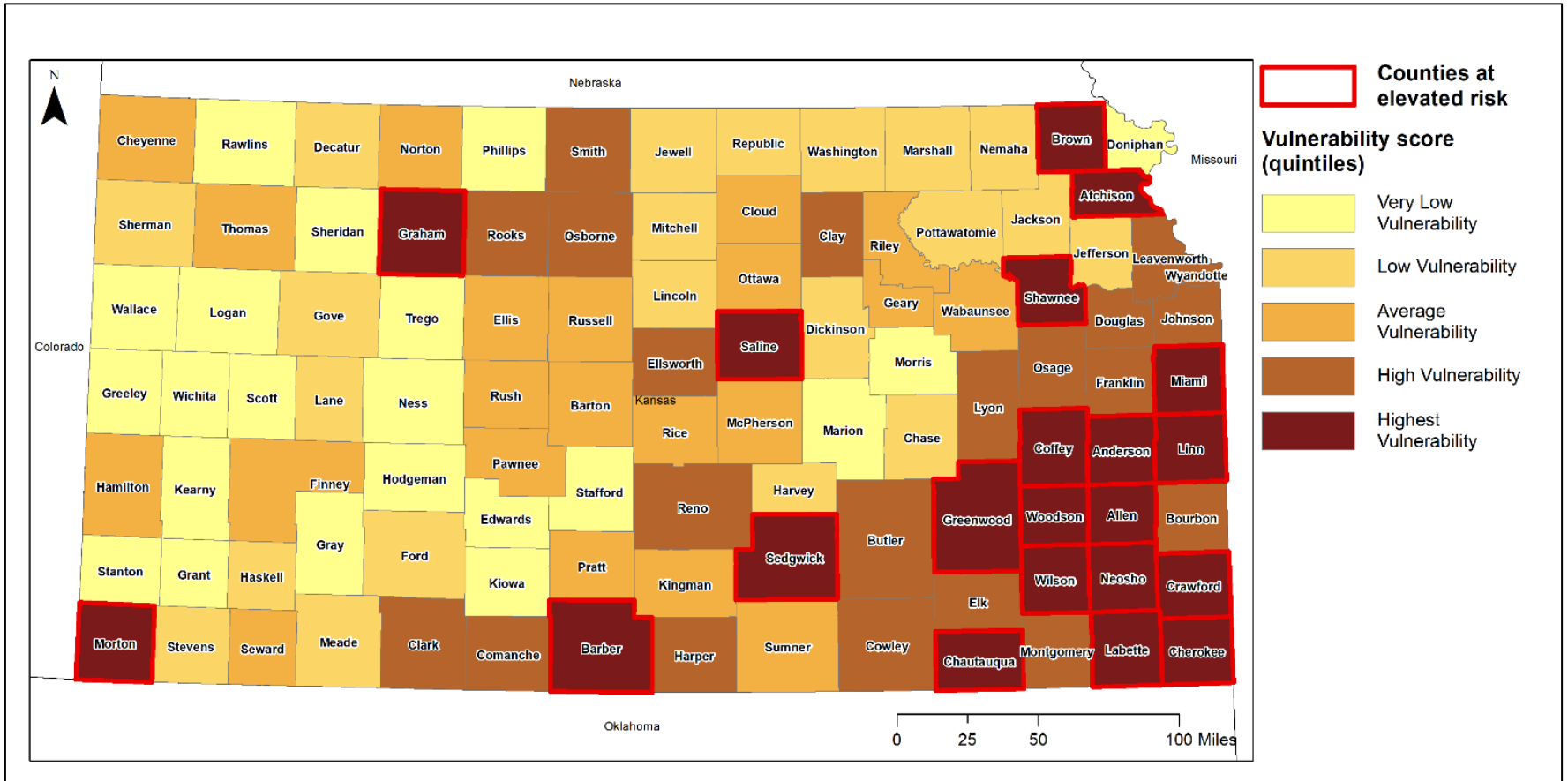
Opioid Overdose Vulnerability, by Hawaii counties, 2014 - 2019.



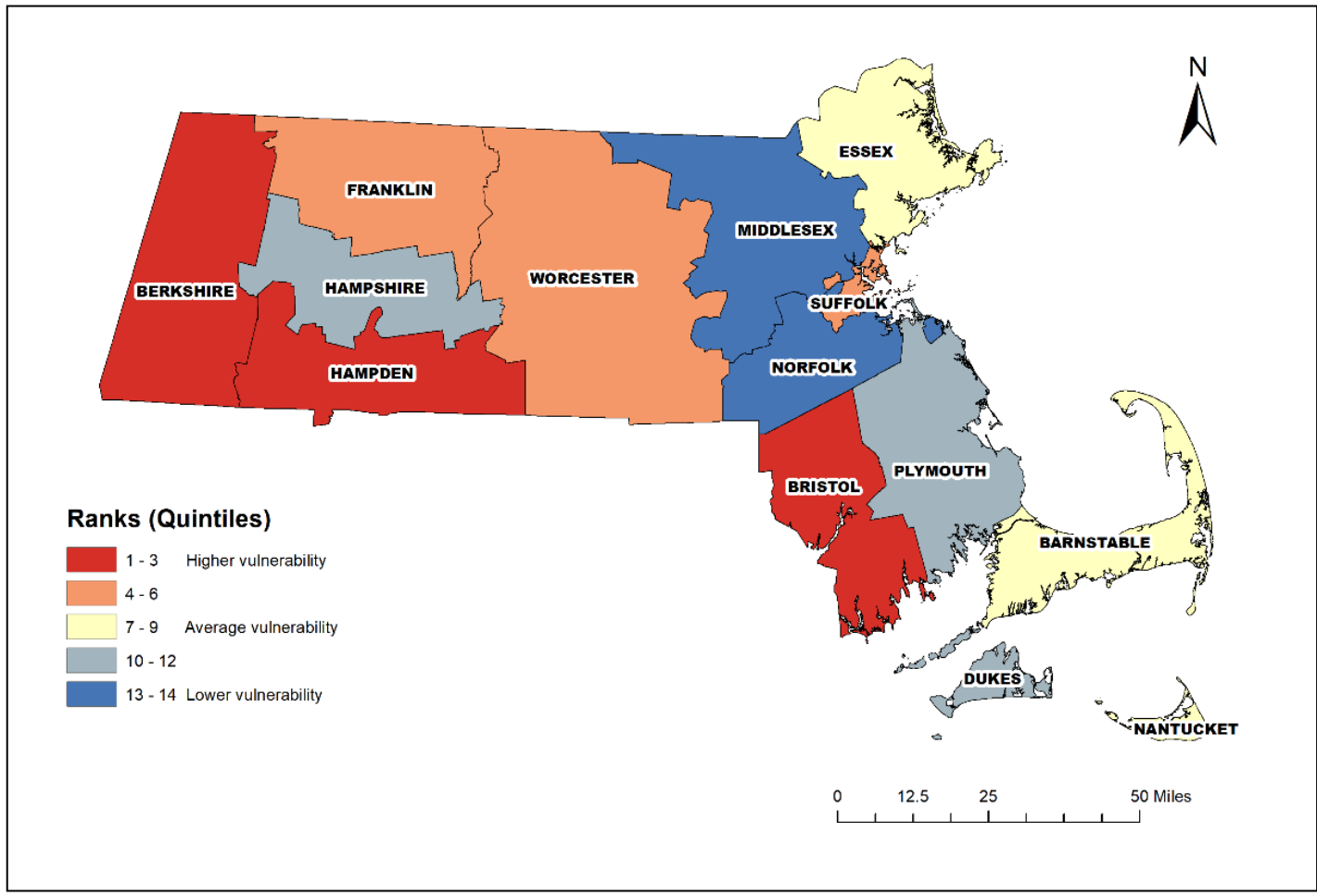
Opioid Overdose Vulnerability, by Idaho counties 2021



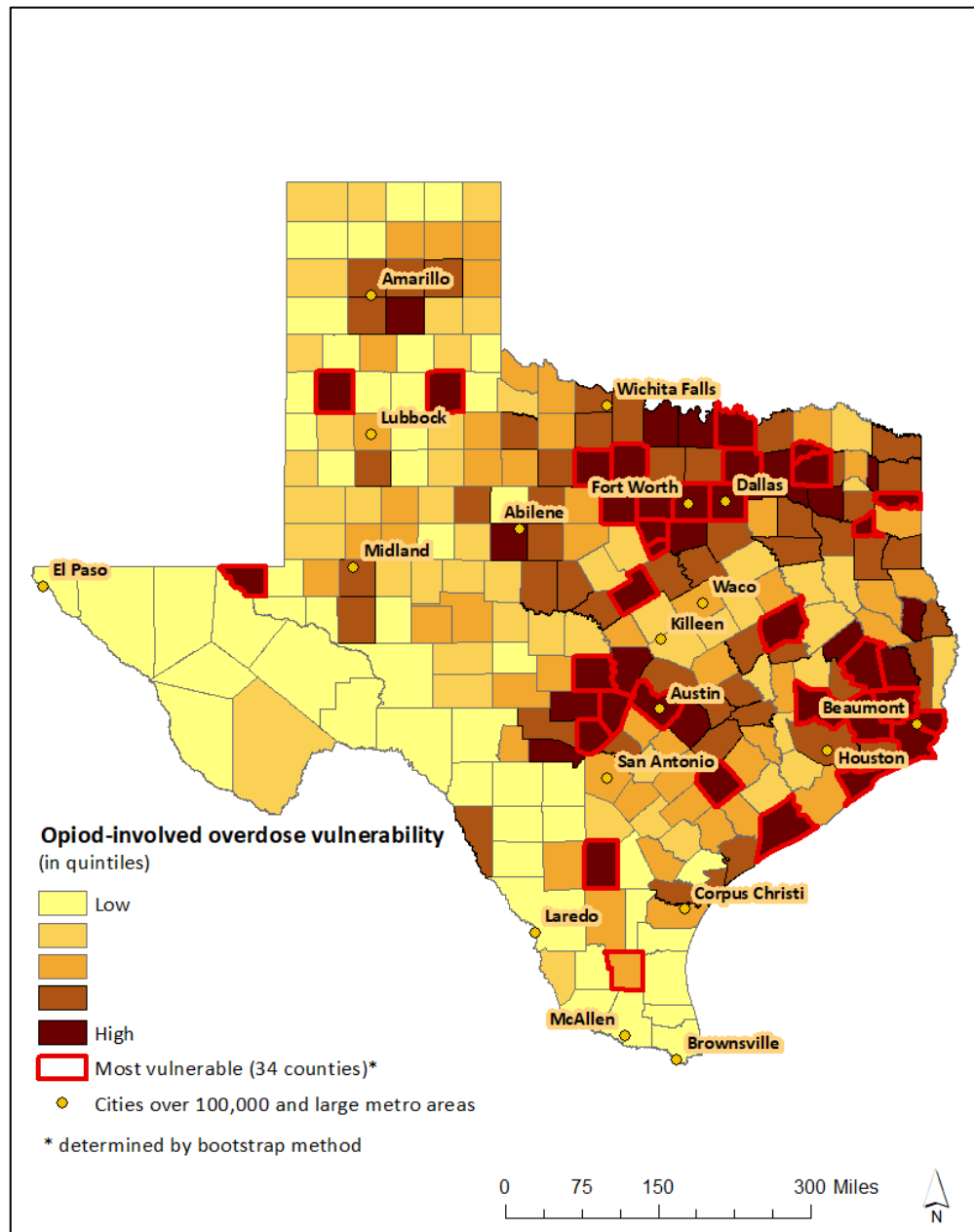
Opioid Overdose Vulnerability, by Indiana counties, 2019.



Opioid Overdose Vulnerability, by Kansas counties, 2020.

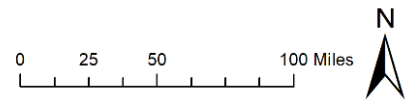
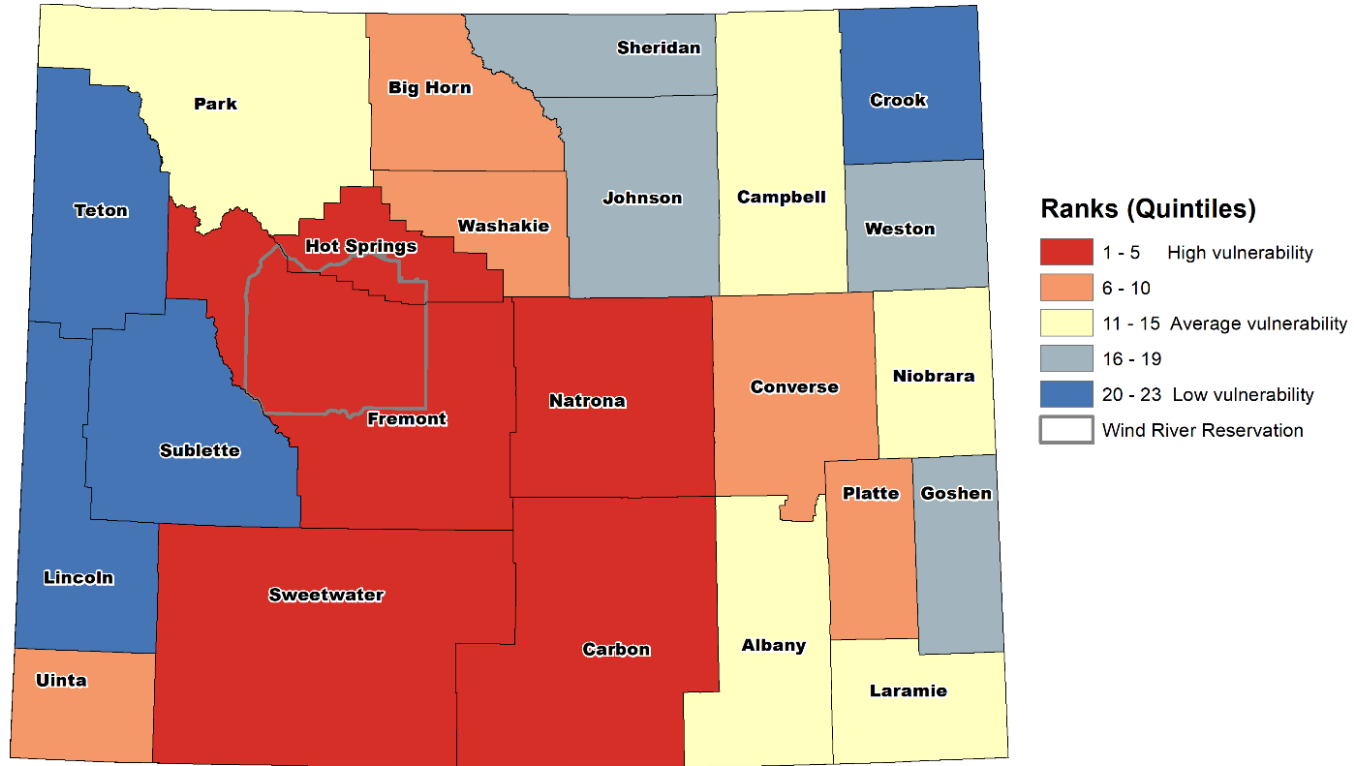


Opioid Overdose Vulnerability, by Massachusetts counties, 2016-2018.



Opioid-involved overdose vulnerability assessment. Texas counties, 2021.

Opioid Vulnerability Ranks Wyoming counties, 2020



Opioid overdose vulnerability Rank by county, Wyoming, 2020