Nebraska Social Determinants of Health COIIN Team

REFERENCE Mapping

Introduction:

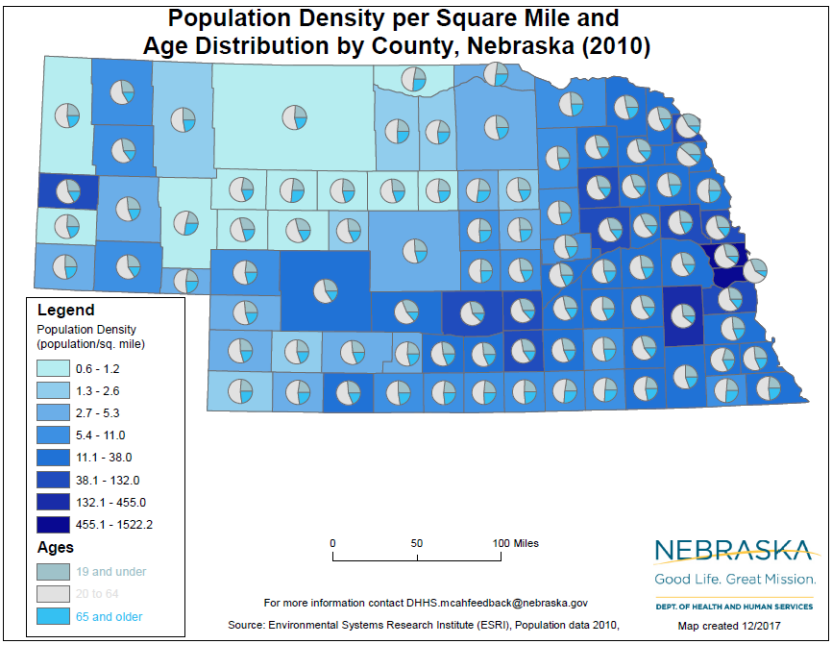
In 2016-2017, the DHHS Division of Public Health, Maternal Child Adolescent Health (MCAH) program, with other partners, began to explore approaches for working with social determinants of health (SDOH) and equity. SDOH refers to the conditions in which people are born, live, learn, work, play, worship, and age that affect a wide range of health, functioning, and quality-of-life risks and outcomes. Resources that enhance quality of life can have a significant influence on population health outcomes (Healthy People 2020). The project goal was to apply mapping technology to portray geographic variations in SDOH, by county, in the state of Nebraska. The intention was to prompt community conversations about health and equity focused on the variation in resources and opportunity, rather than on individual behavior or racial identity. The resulting maps were grouped into four topic areas: *Access, Education, Food Security,* and *Social Connectedness*. Each set of maps is accompanied by a short narrative brief. The four final work products are available to the public and are found here: http://dhhs.ne.gov/publichealth/MCAH/Pages/Infant-Mortality-COIIN-SDOH.aspx.

As individuals and groups began working with the maps and providing feedback to the project developers, there were numerous requests for additional information about the populations in each county. To that end, the following maps are provided here: R1 Population Density per Square Mile and Age Distribution by County; R2 Percent Minority Population by County; R3 Percent of Individuals Living Below Poverty Line; R4 Percent of the Population Older than 25 that Graduated High School by County; R5 Percent of the Population Age 16 and Older that is Unemployed by County.

The SDOH mapping project was collaboratively designed to encourage community conversation. If you have questions, comments, or suggestions for the mapping project, we hope you will contact us with your feedback at DHHS.mcahfeedback@nebraska.gov.

Maps: *(Full-sized maps are available in the Appendix section)*

R1:



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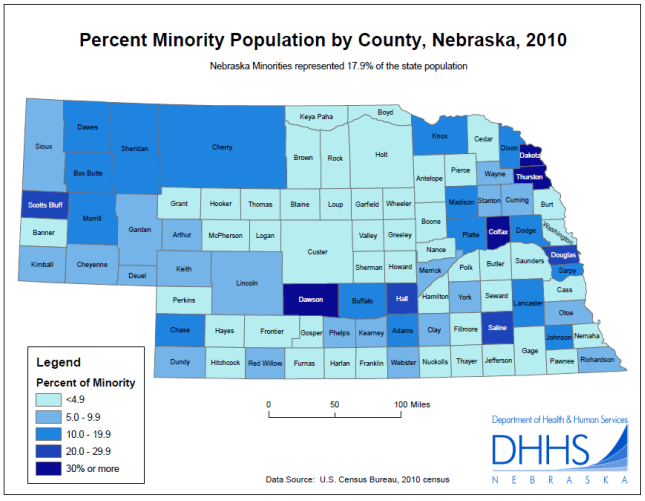

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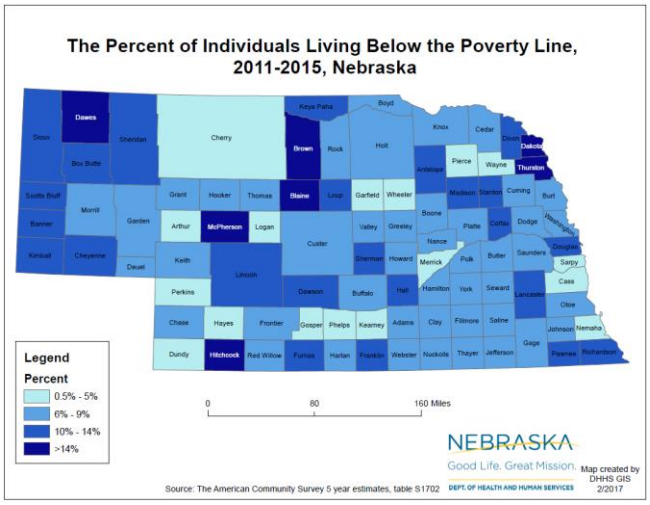

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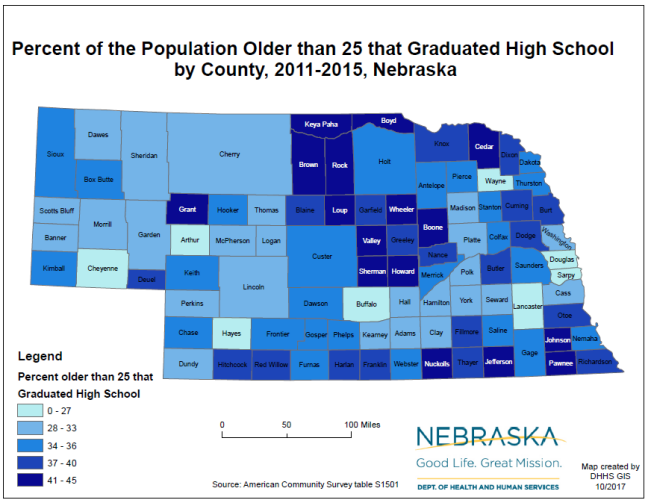

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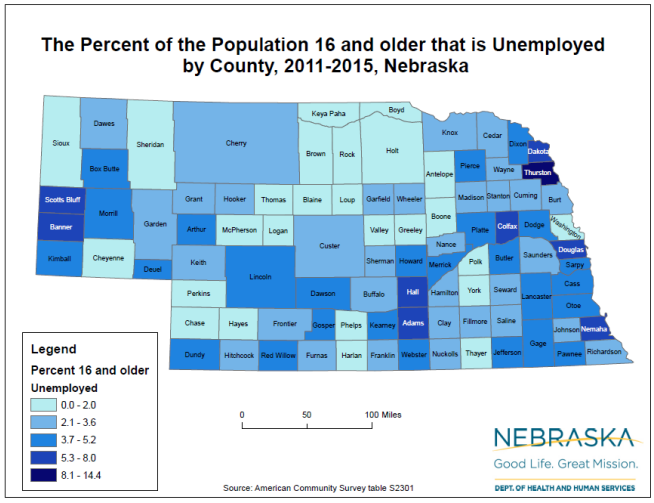
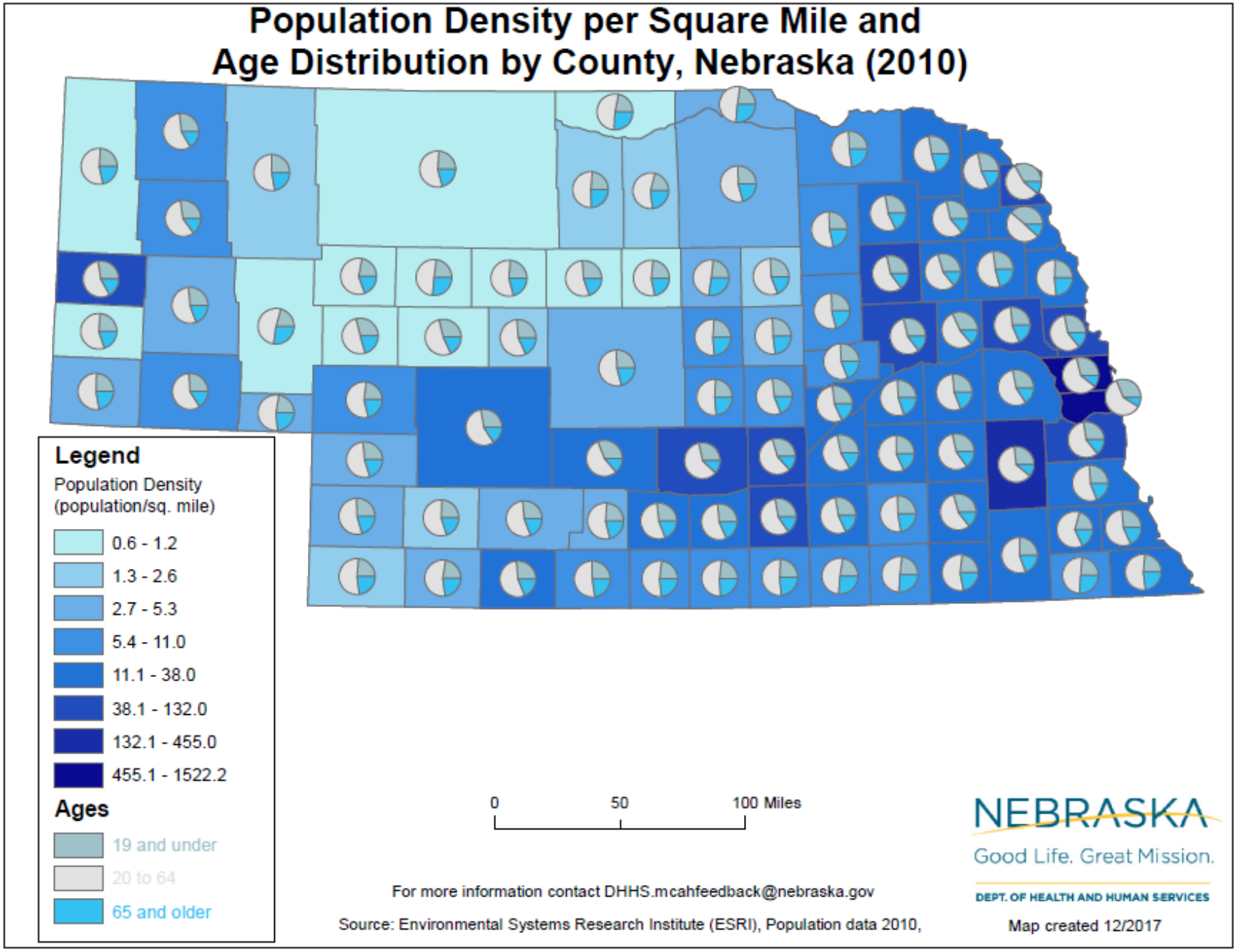
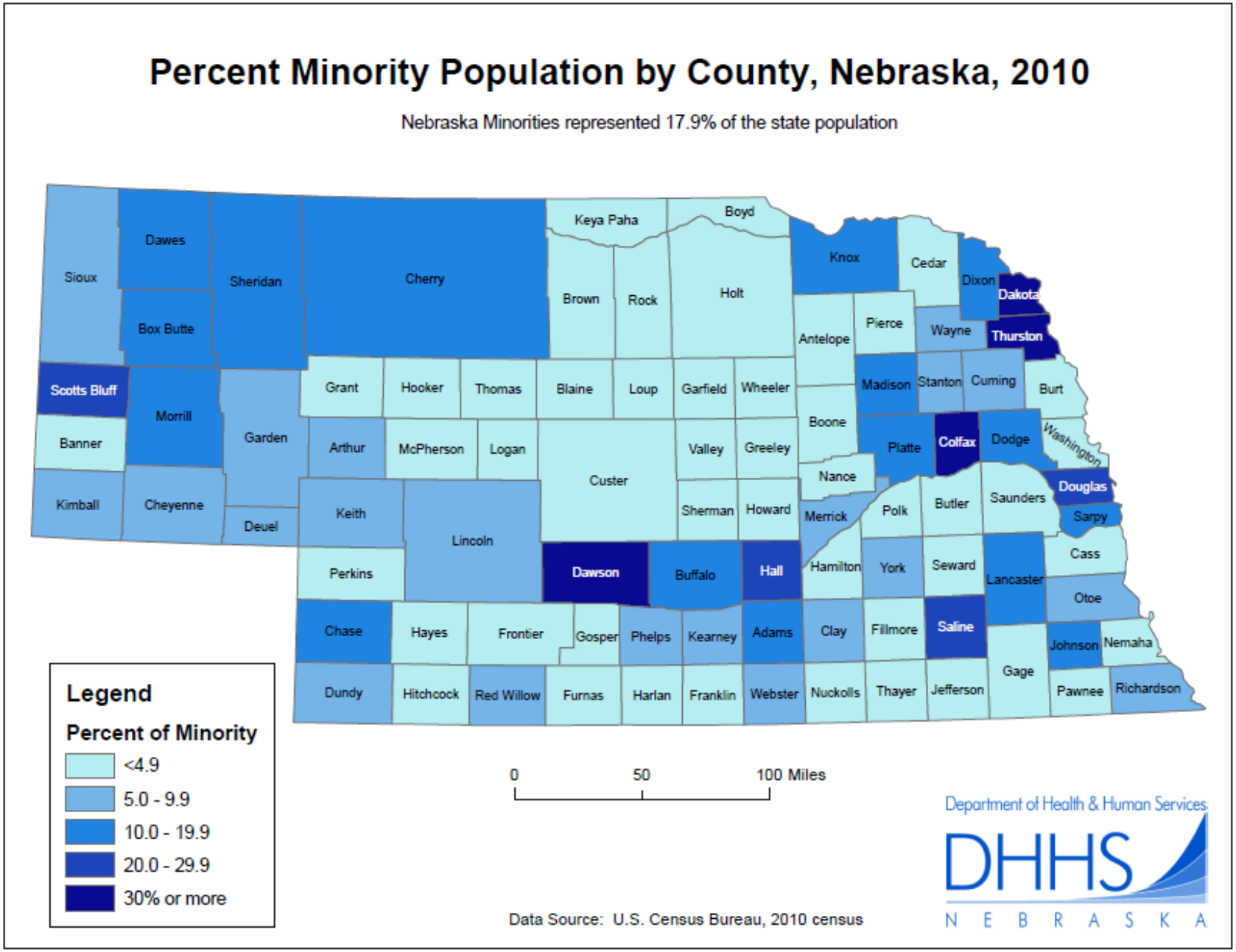


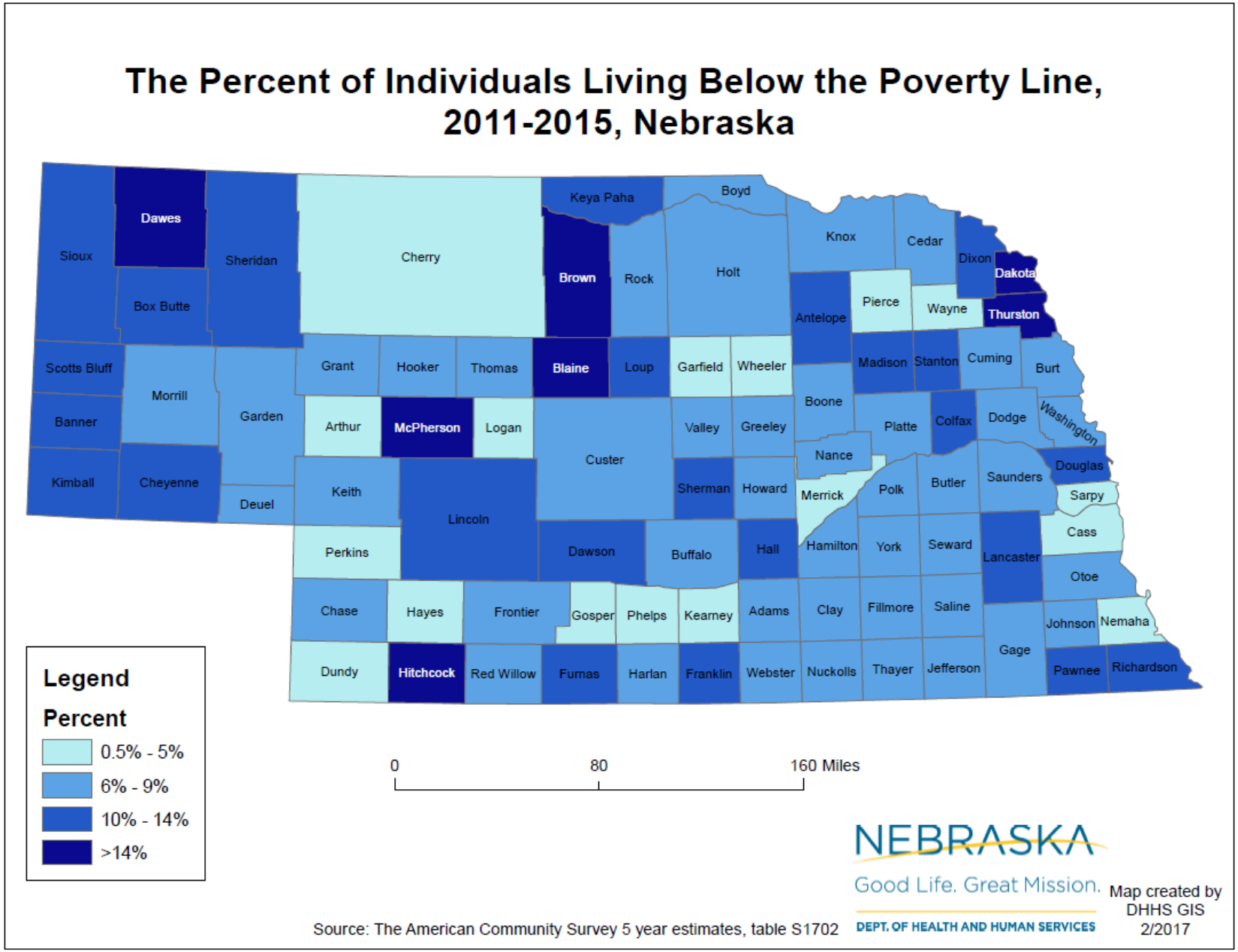
APPENDIX 1: R1 Population Density and Age Distribution



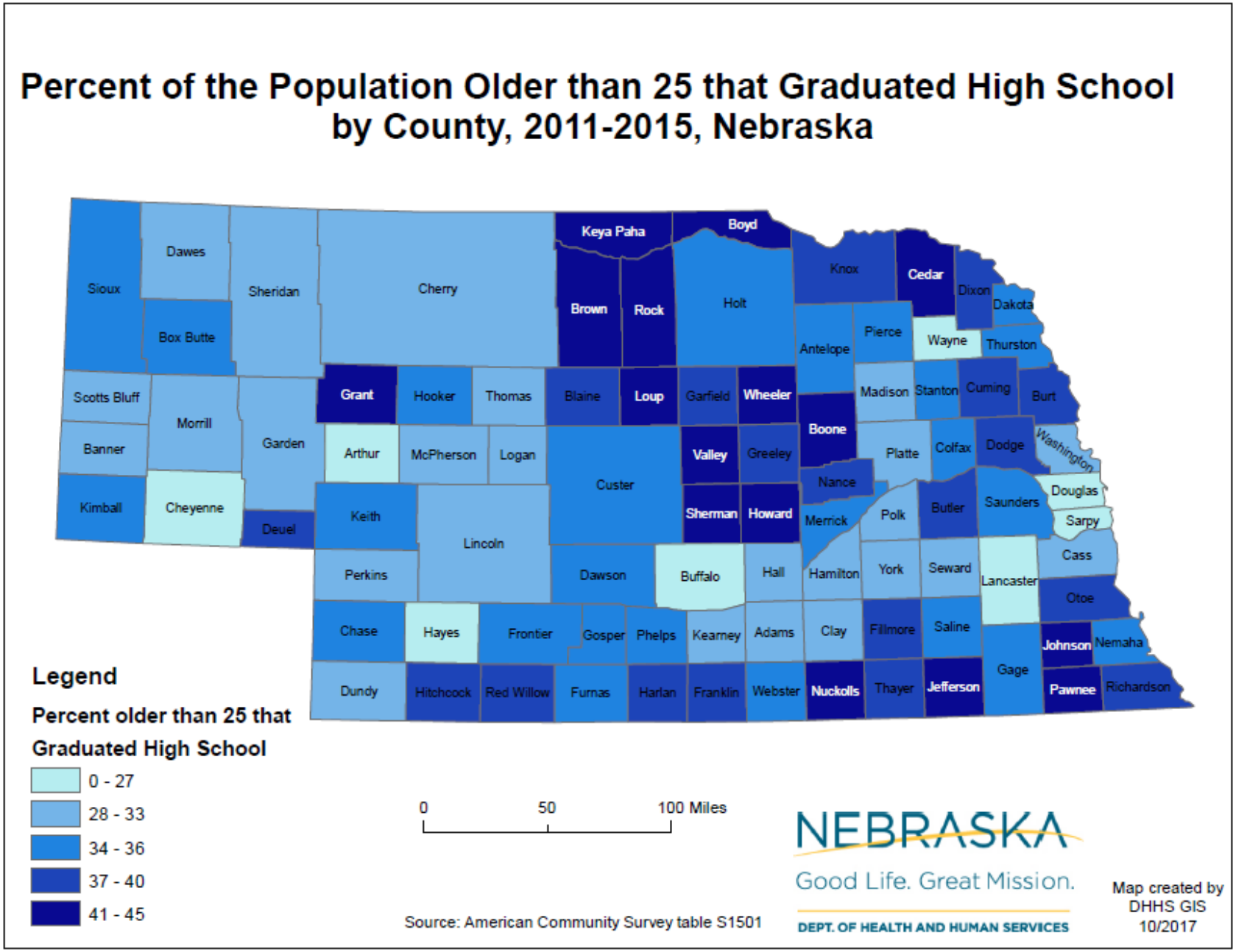
APPENDIX 2: R2 Minority Population by County, 2010

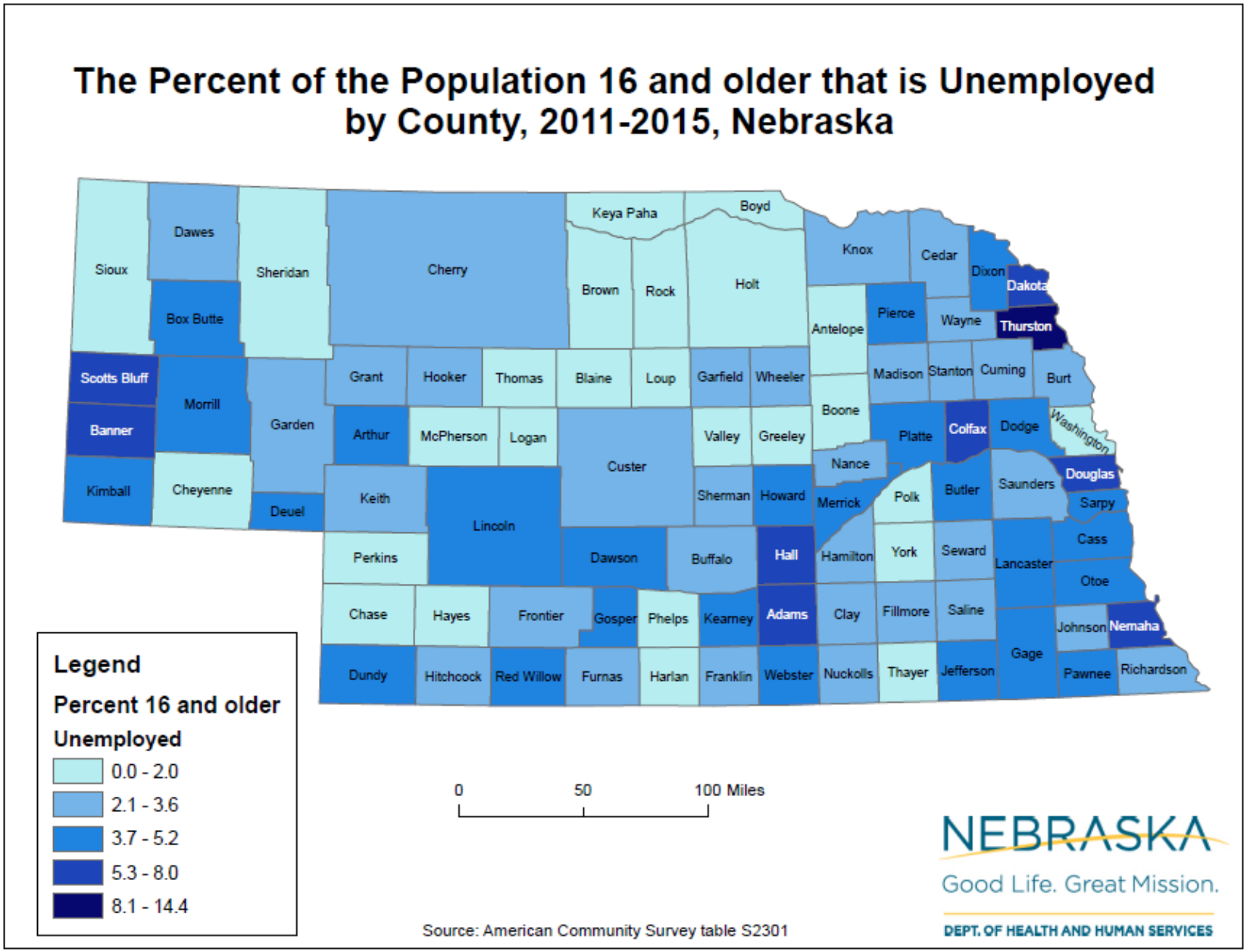


APPENDIX 3: R3 The Percent of Individuals Living Below the Poverty Line, 2011-2015



APPENDIX 4: R4 Population Older than 25 and Graduated HS – 2011-2015



For more information, contact: DHHS.MCAHFeedback@nebraska.gov

APPENDIX 5: R5 Population 16 Up and Unemployed – 2011-2015