

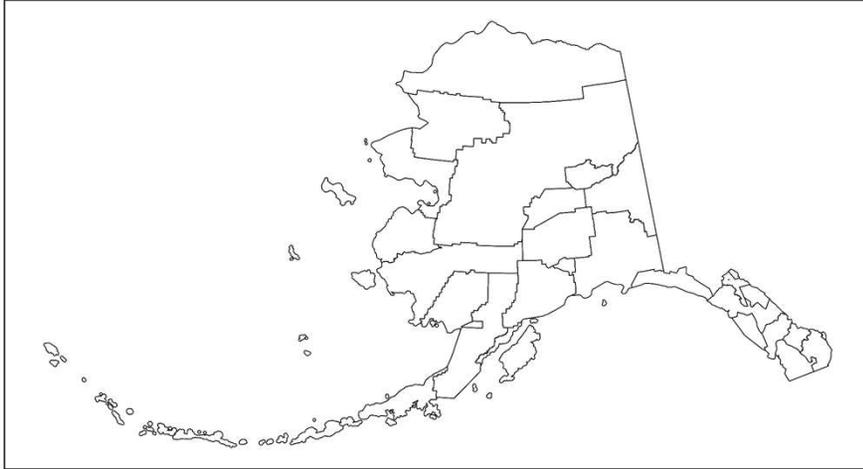
Alaska Demographics

Shuai Zhou

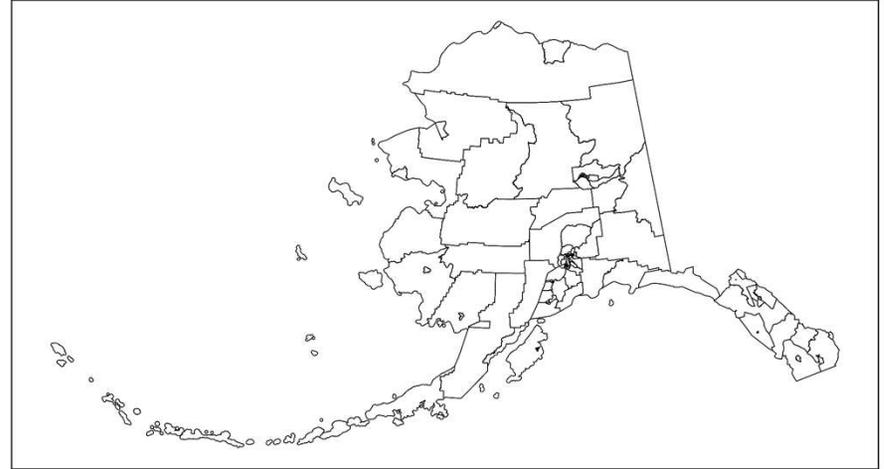
December 03, 2020

Geography based on Census 2010

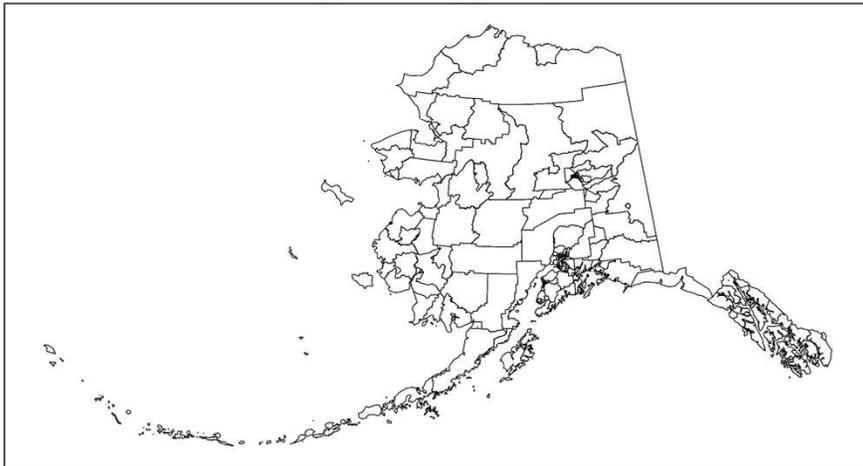
(a) County/Borough (N=29)



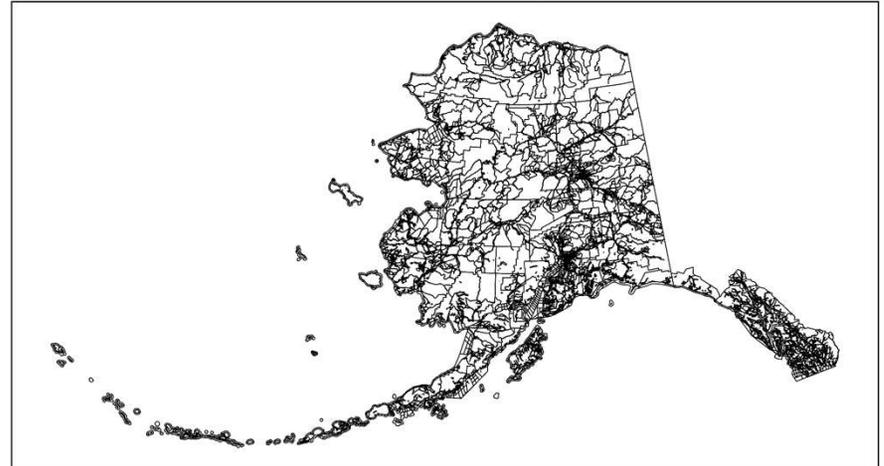
(b) Census Tract (N=167)



(c) Block Group (N=534)

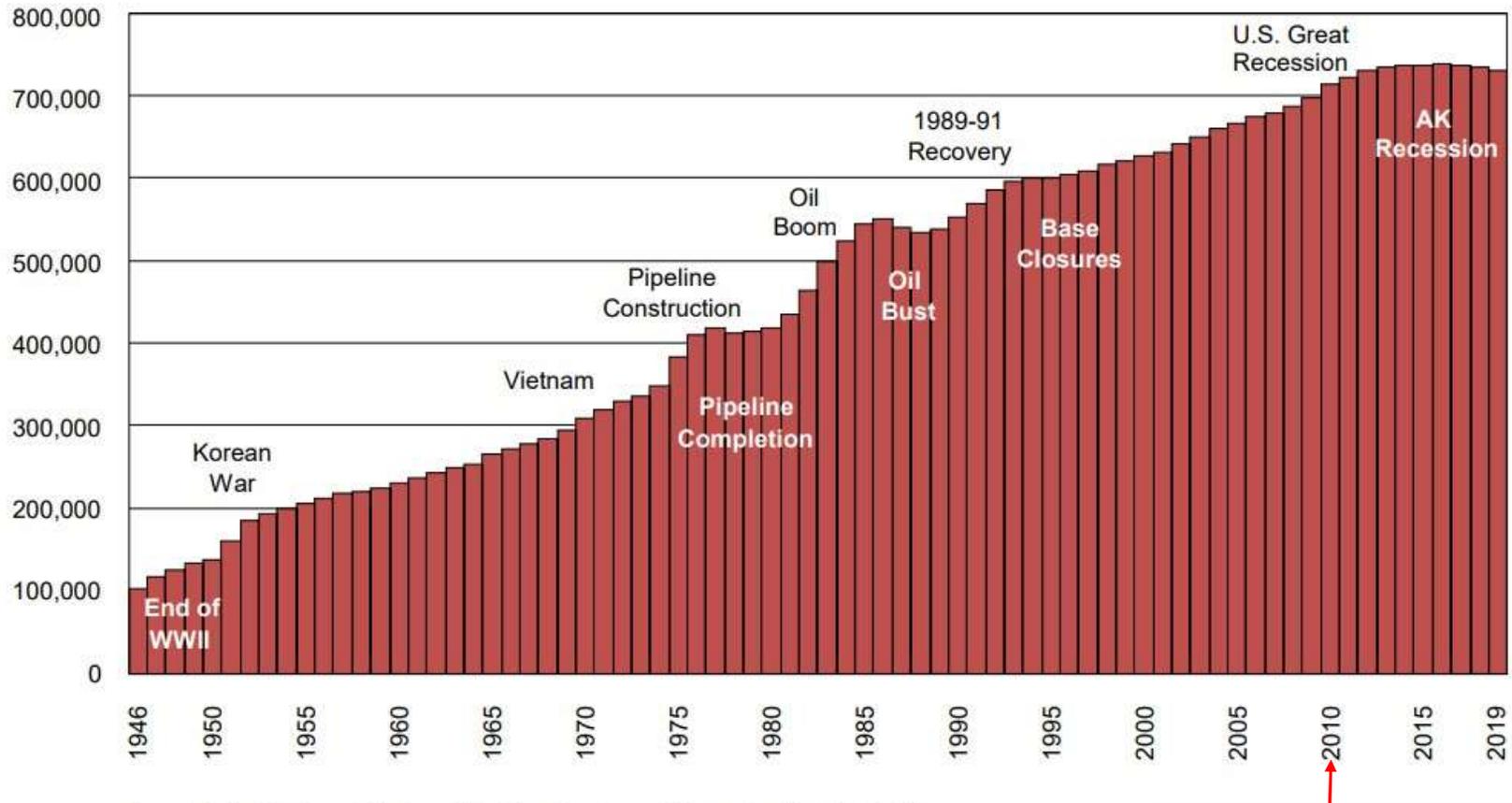


(d) Block (N=45,292)



Population from 1946 to 2019

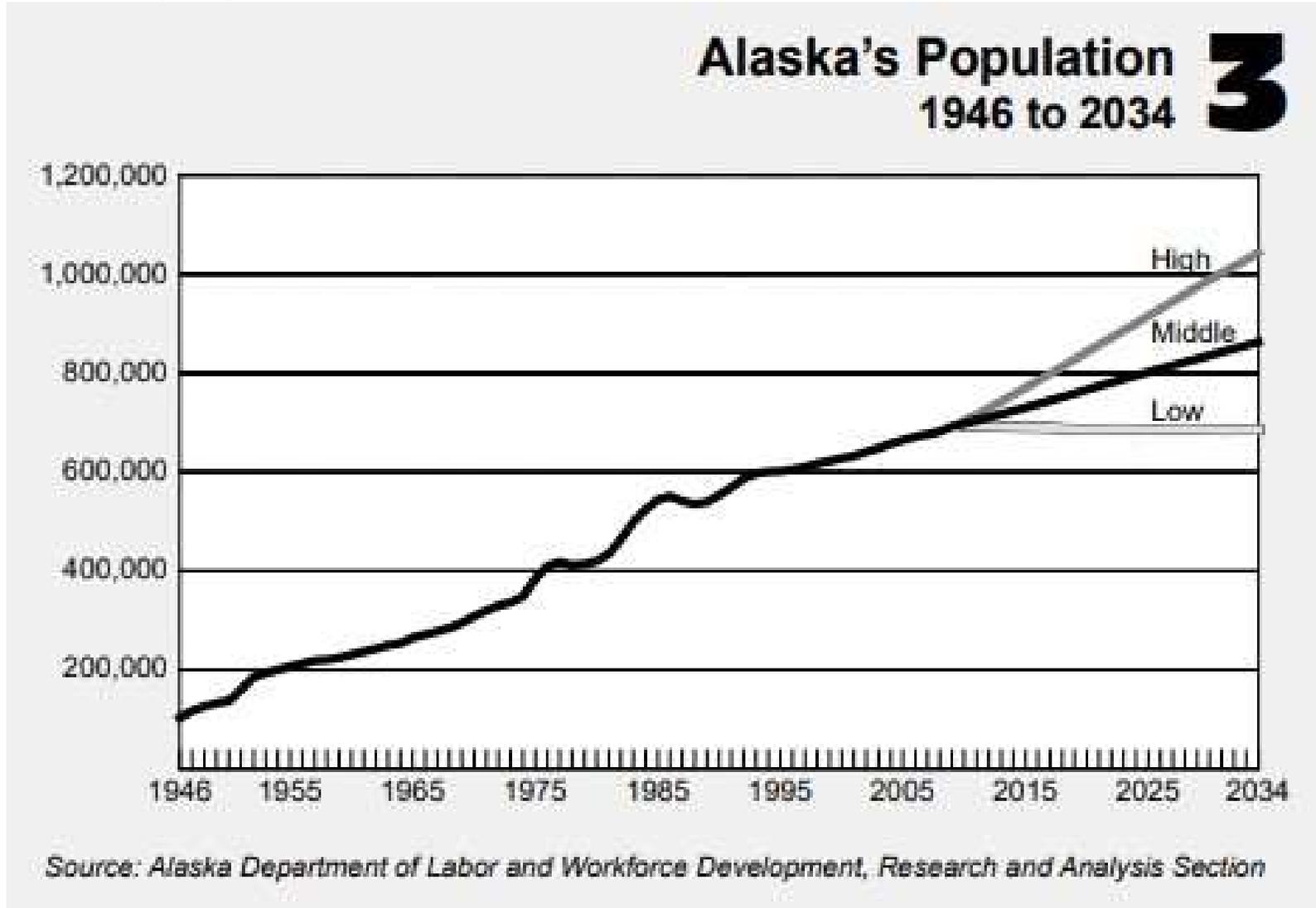
Alaska Population, 1946-2019



Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section

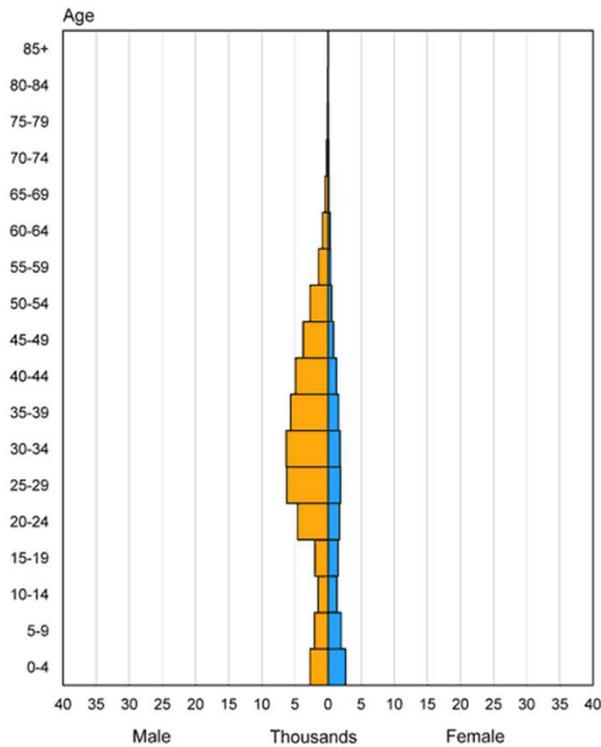
Census 2010: 710,231

Population projection to 2034

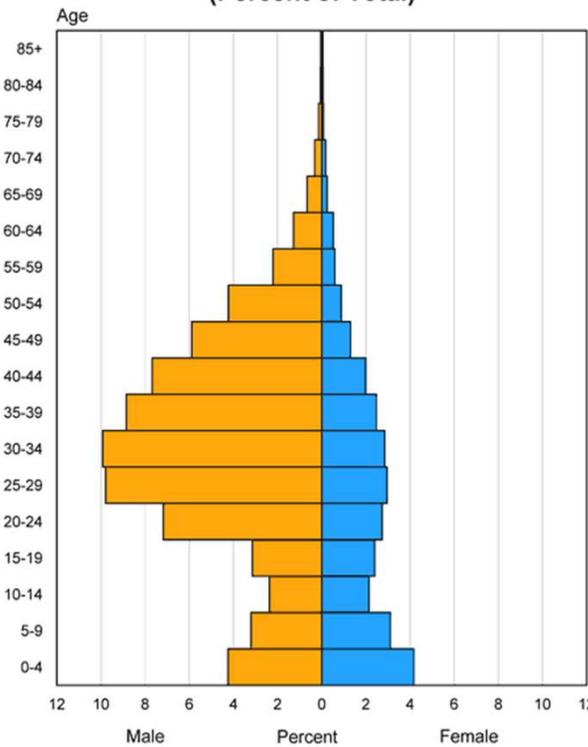


Population pyramid from 1910 to 2010

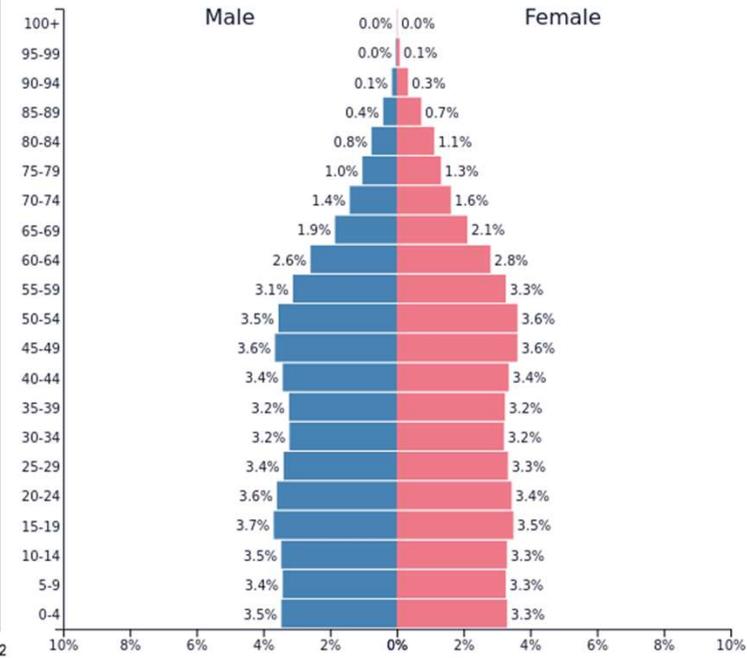
1910 Alaska Population by Age and Sex



1910 Alaska Population by Age and Sex (Percent of Total)



2010 US Population by Age and Sex



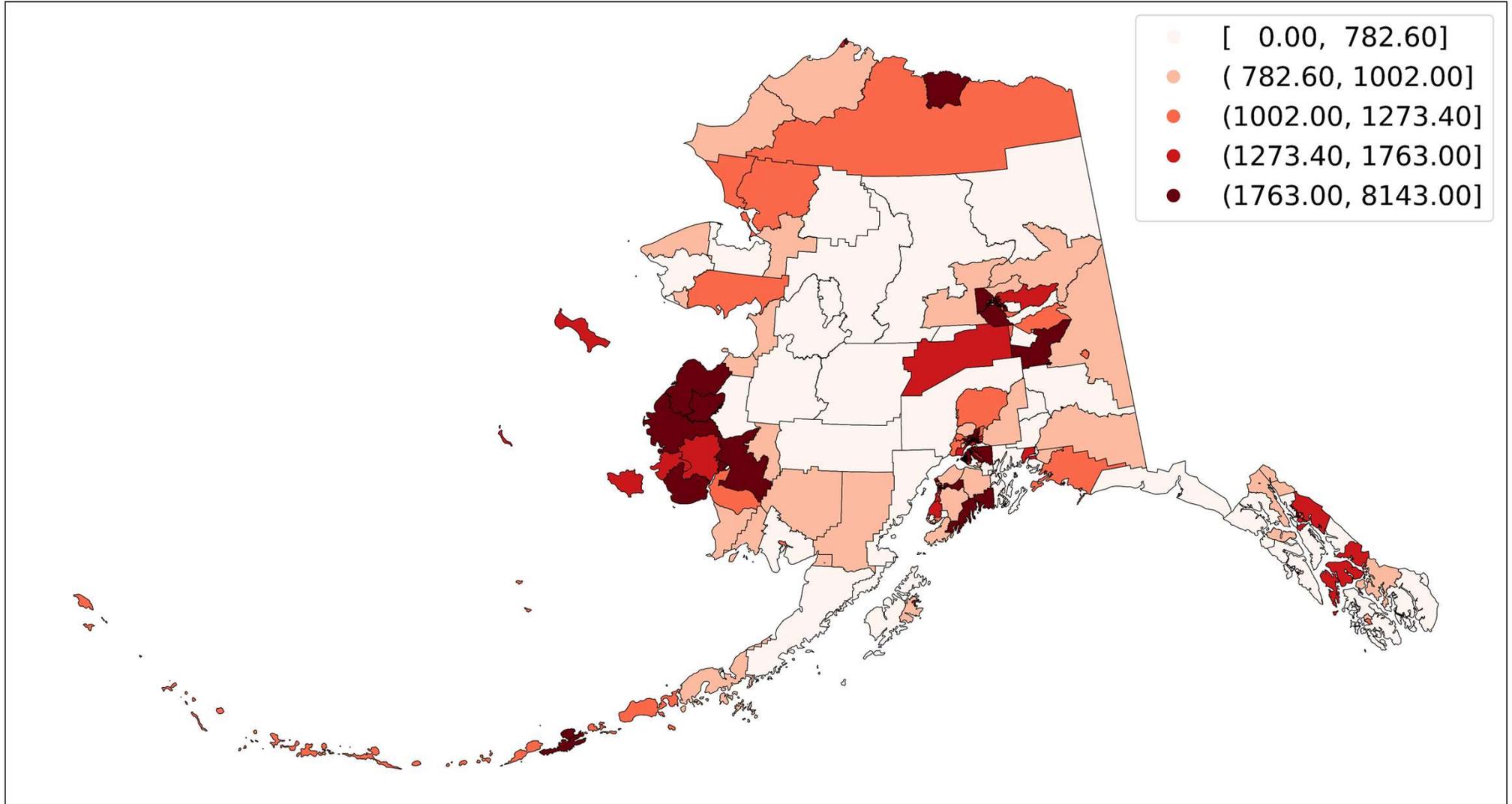
Sources: U.S. Census Bureau; Alaska Department of Labor and Workforce Development, Research and Analysis Section

Credit: Eddie Hunsinger, 2017

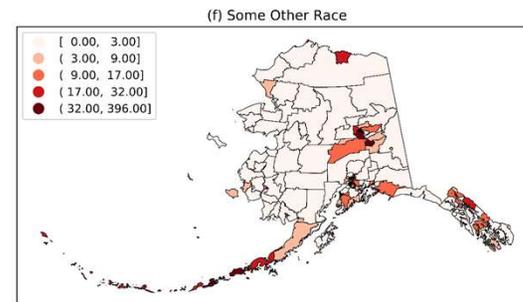
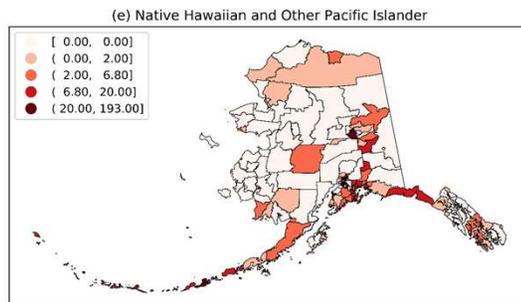
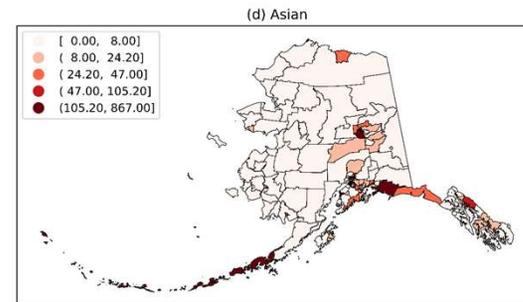
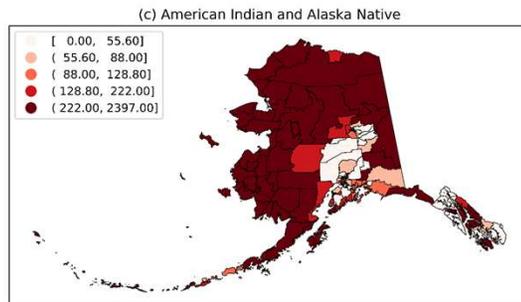
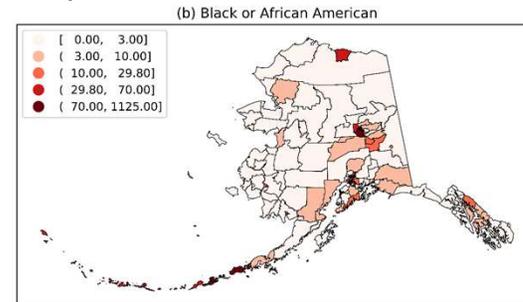
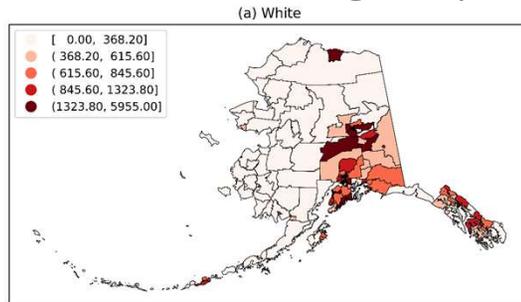
PopulationPyramid.net

United States of America - 2010
Population: 309,011,469

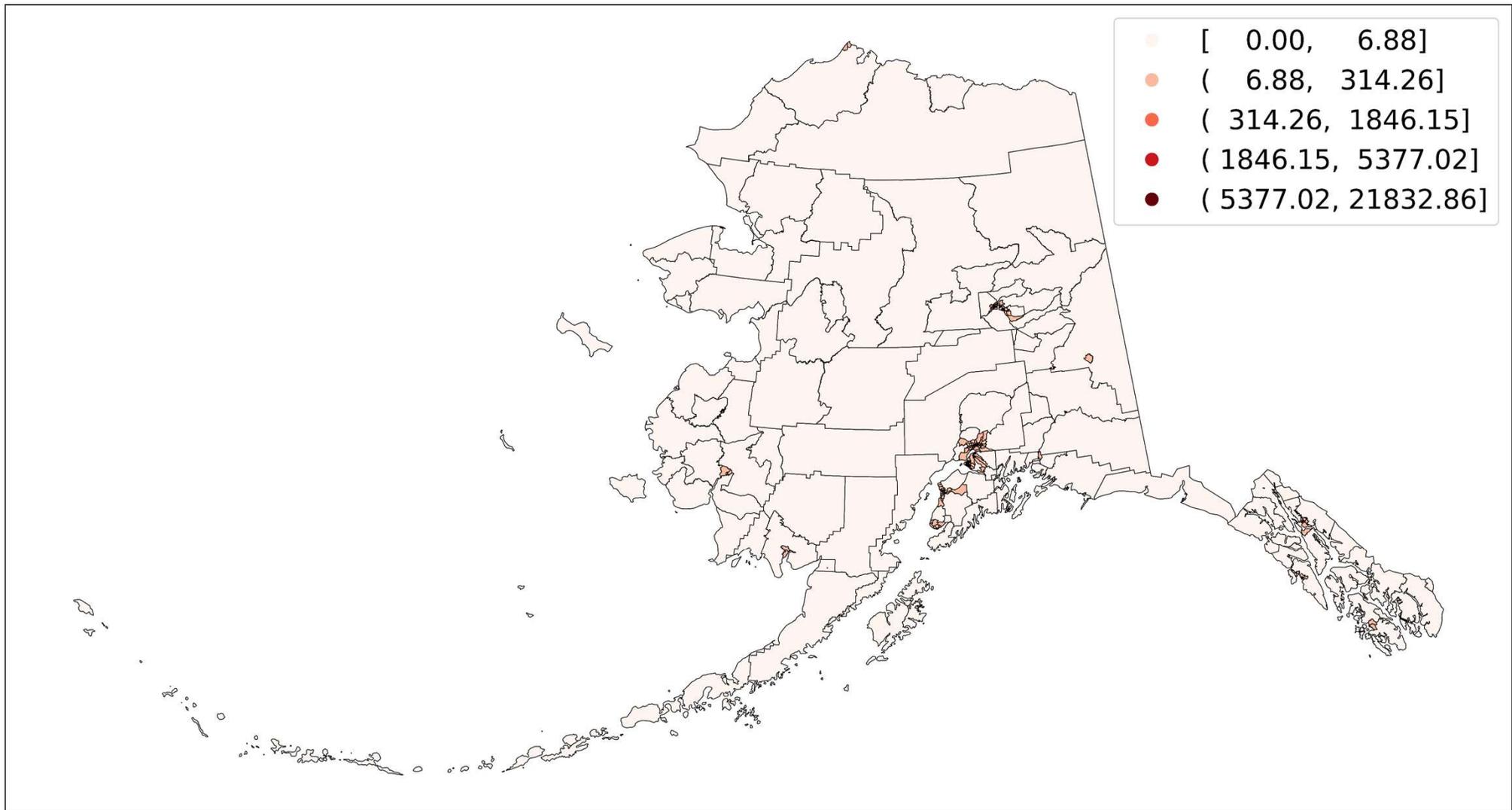
Population distribution (block group level) based on Census 2010



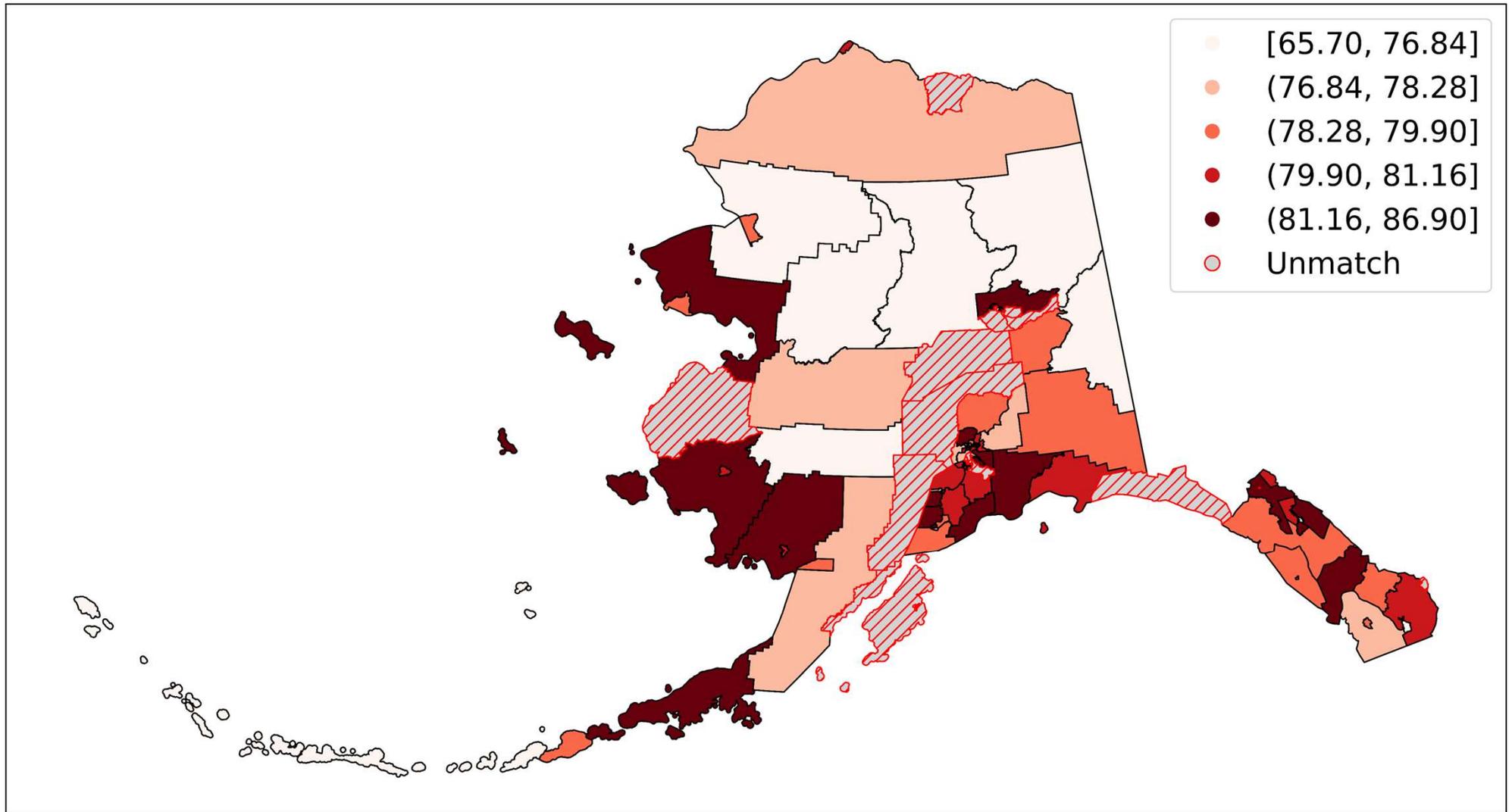
Population distribution (block group level) by race based on Census 2010



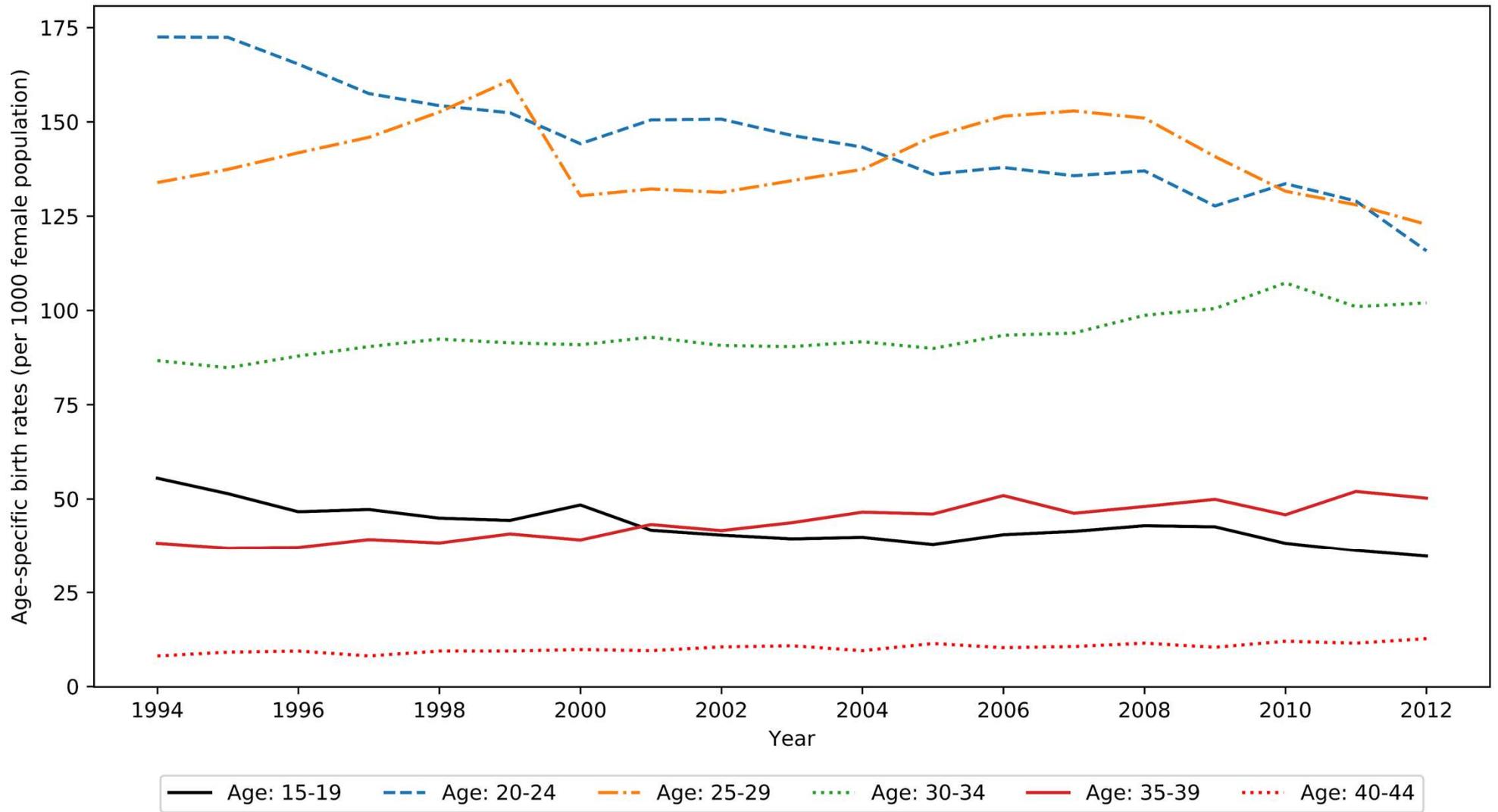
Population density (Block group level) based on Census 2010



Life expectancy (census tract level) at birth for 2010-2015 cohort

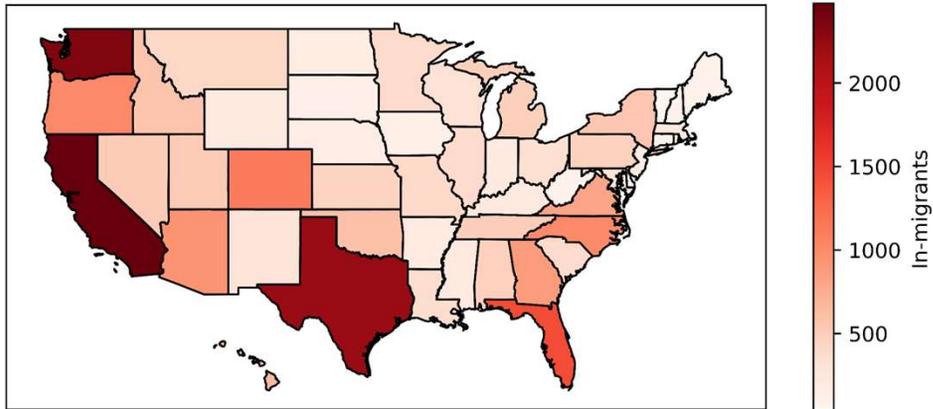


Age-specific birth rates (per 1000 female population): 1994-2012

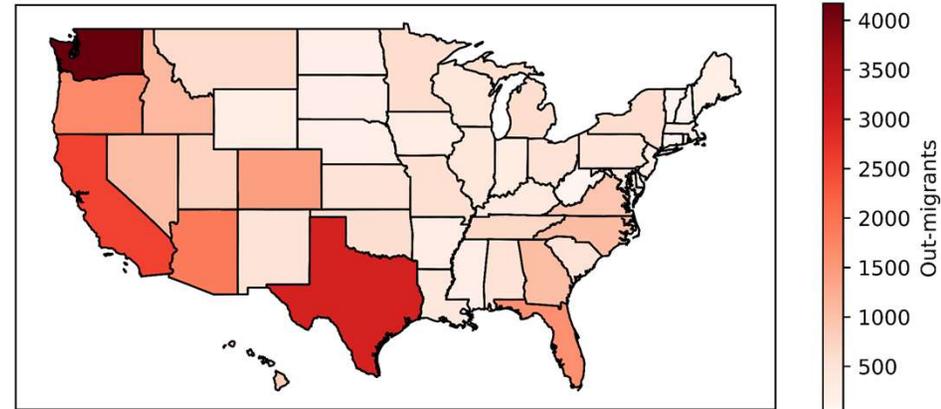


Migration (state level) based on IRS data

(a) In-migration (Fiscal Year 2017-2018)



(b) Out-migration (Fiscal Year 2017-2018)



Data sources

Birth/Death: AK Department of Health and Social Services; CDC

Population and projection: Census, ACS, CPS, AK Department of Labor and Workforce Development

Migration: Census, ACS, IRS, some population research centers housed at universities

Natural resource: AK State Geo-Spatial Data Clearinghouse

Spatial data/Map: AK Satellite Facility, Census TIGER/Line Shapefiles

Some takeaways

1. Censuses are the counts of the total population, and the Census 1970-2000 are harmonized to the 2010 Census geography
2. ACS is survey and the population are estimates. 5-Year estimate is reliable than 3- and 1-Year estimate
3. Most of the publicly available data are aggregated data. Individual or household level data are restricted
4. The finer the geographic level is, the lower the probability you will find corresponding socioeconomic and demographic information you want