

Overview of Administrative Records on Population and Housing

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U.S. Census Bureau

State Data Centers and Census Information Centers

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Examples of Administrative Records Data

- Federal Data
 - Medicare
 - Indian Health Service
 - Internal Revenue Service
 - Three different files from Housing and Urban Development
 - Selective Service
 - National Change of Address
 - Temporary Assistance for Needy Families
- Commercial data
 - Data from 5 vendors including Corelogic, Targus, and Experian
- State Data
 - Supplemental Nutrition Assistance Program
 - Women, Infants, and Children
 - Driver's License data

Record Linkage

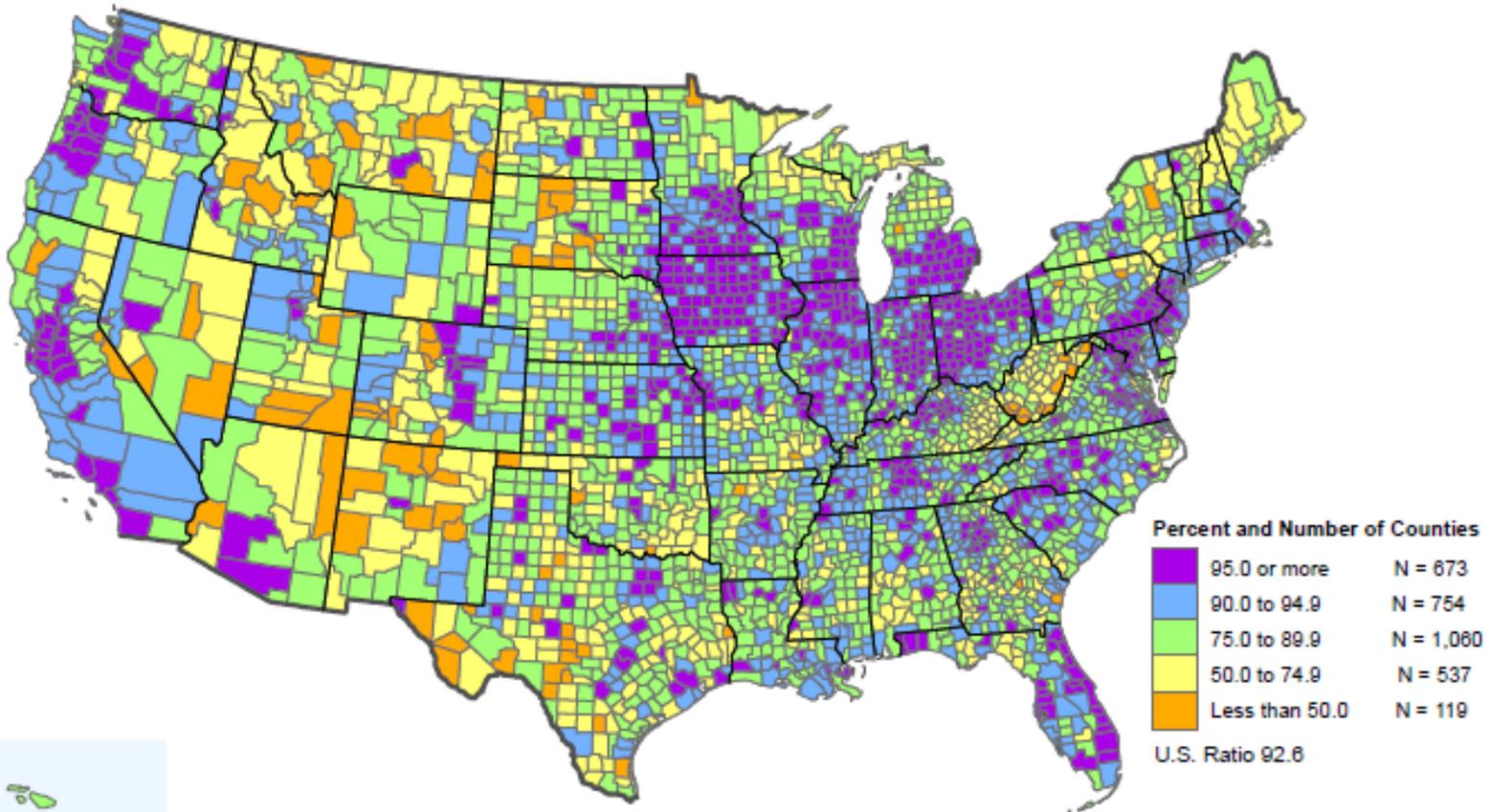
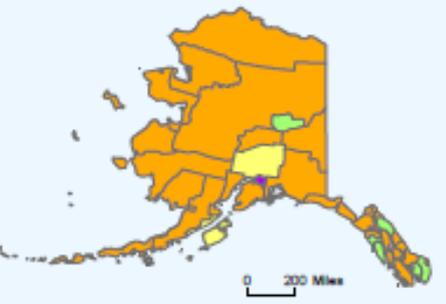
- Assign unique person identifiers called Protected Identification Keys (PIKs) and address identifiers to administrative records (AR) as well as census data
 - Person identifiers are assigned using information such as SSN, name, date of birth, address
- Unique identifiers facilitate unduplication and linkage of records



Research Example - 2010 Census Match Study

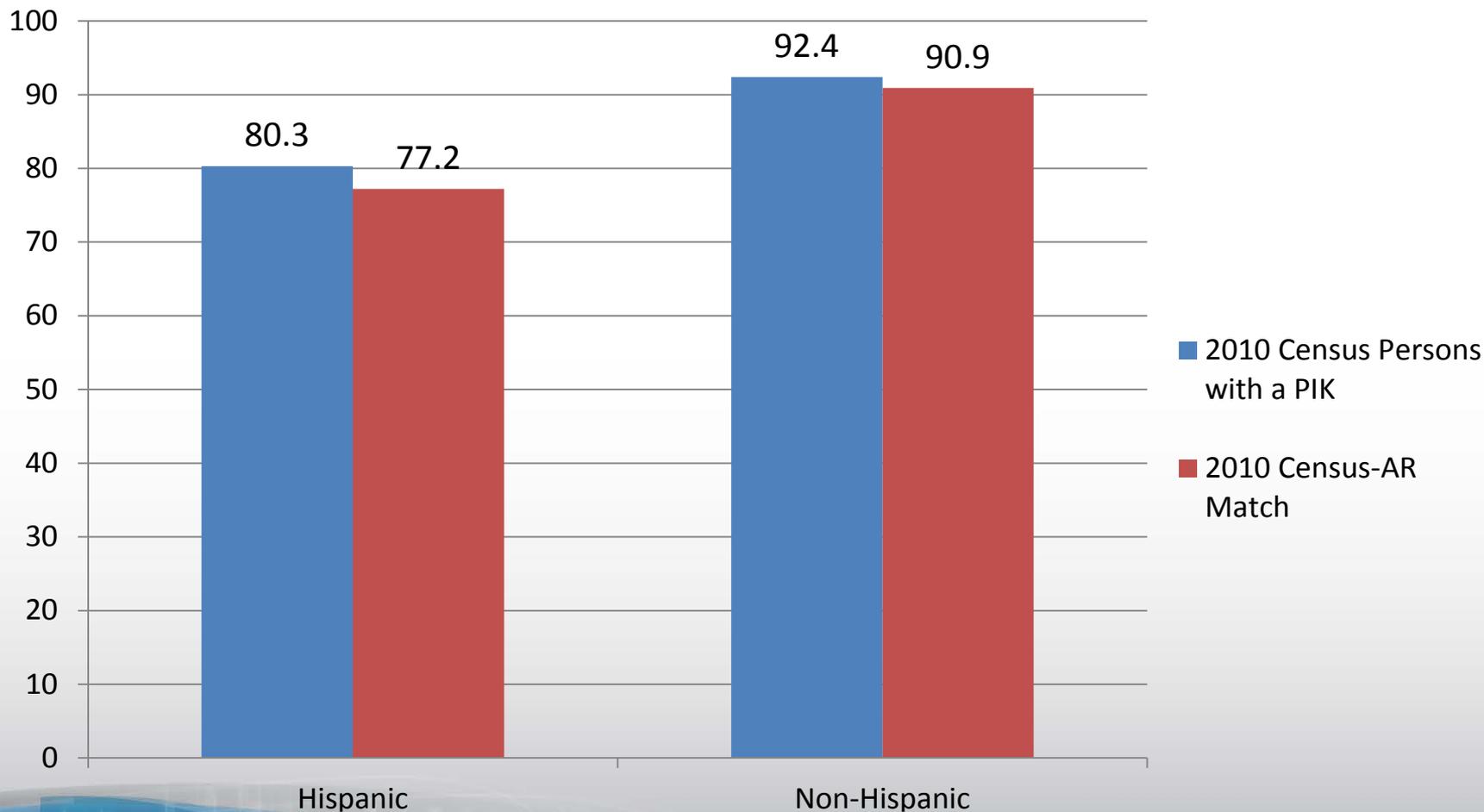
- Objective – compare AR to the 2010 Census to assess the quality and coverage of AR
- Findings - AR match to 92.6 percent of addresses and 88.2 percent of people in the 2010 Census

Match Ratio of 2010 Census and Administrative Records Addresses by County

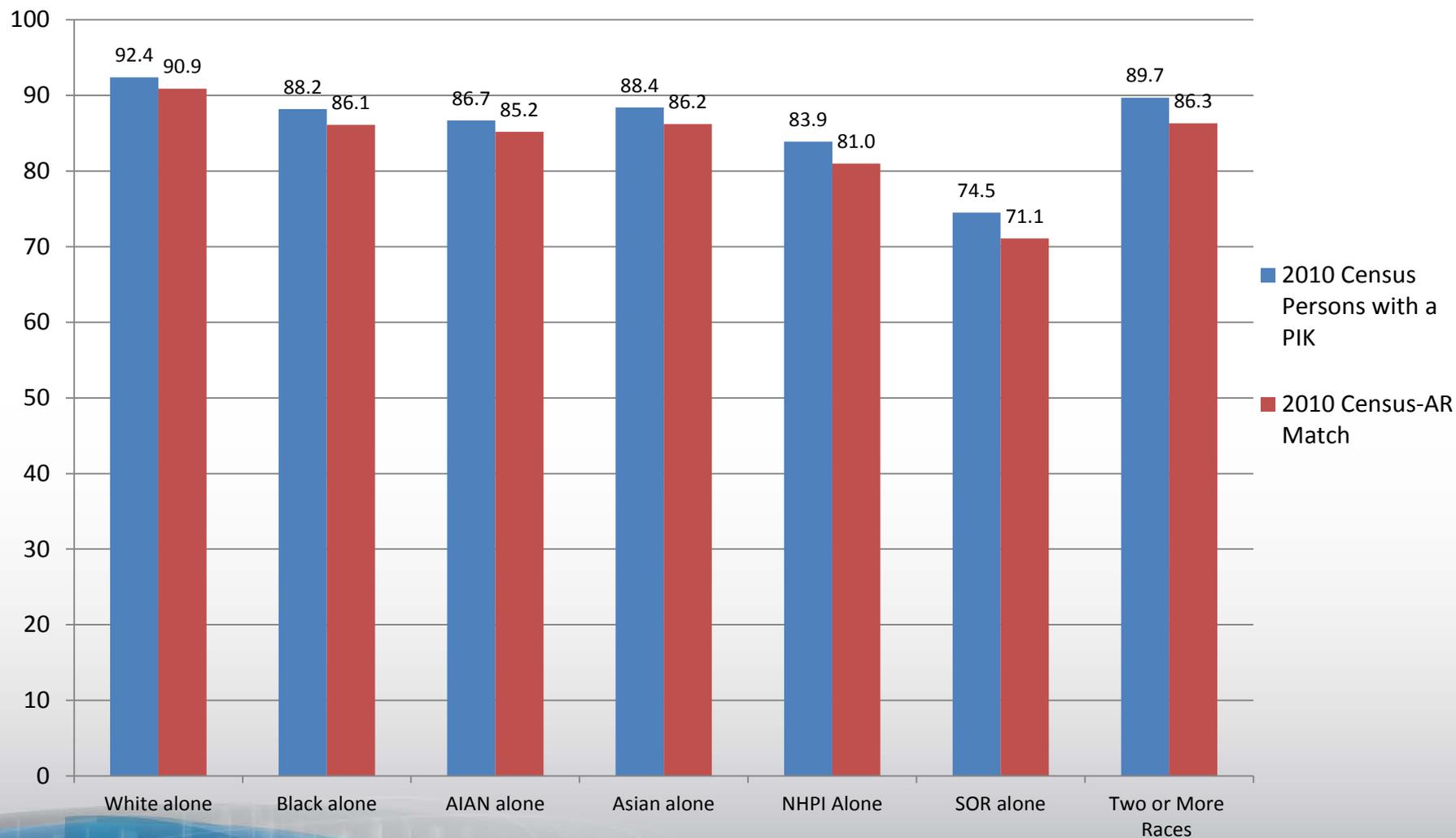


Sources: 2010 Census and 2010 Census Match Study Administrative Records Data

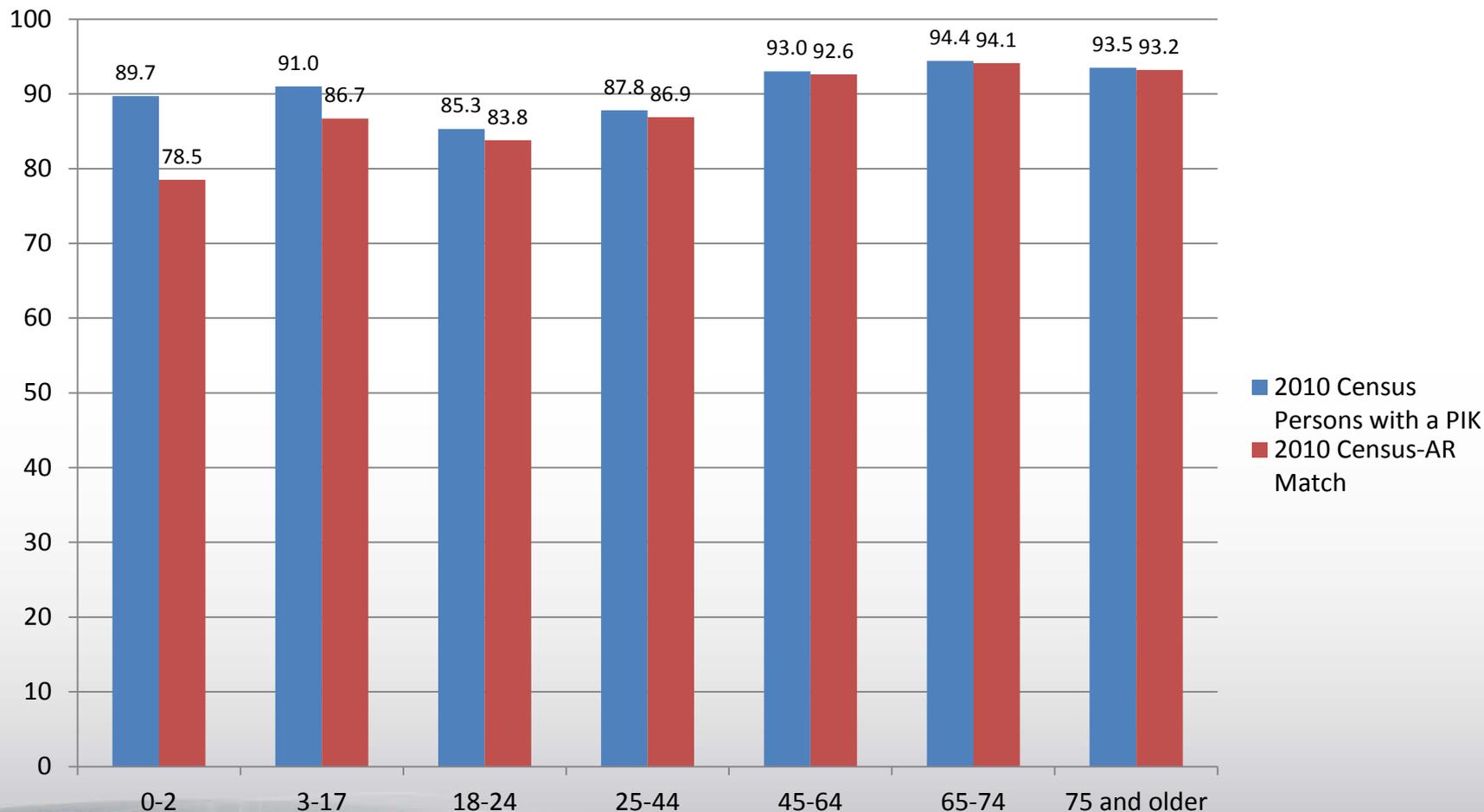
Percentage of 2010 Census Persons with PIKs and 2010 Census-AR Match Ratios: Hispanic Origin



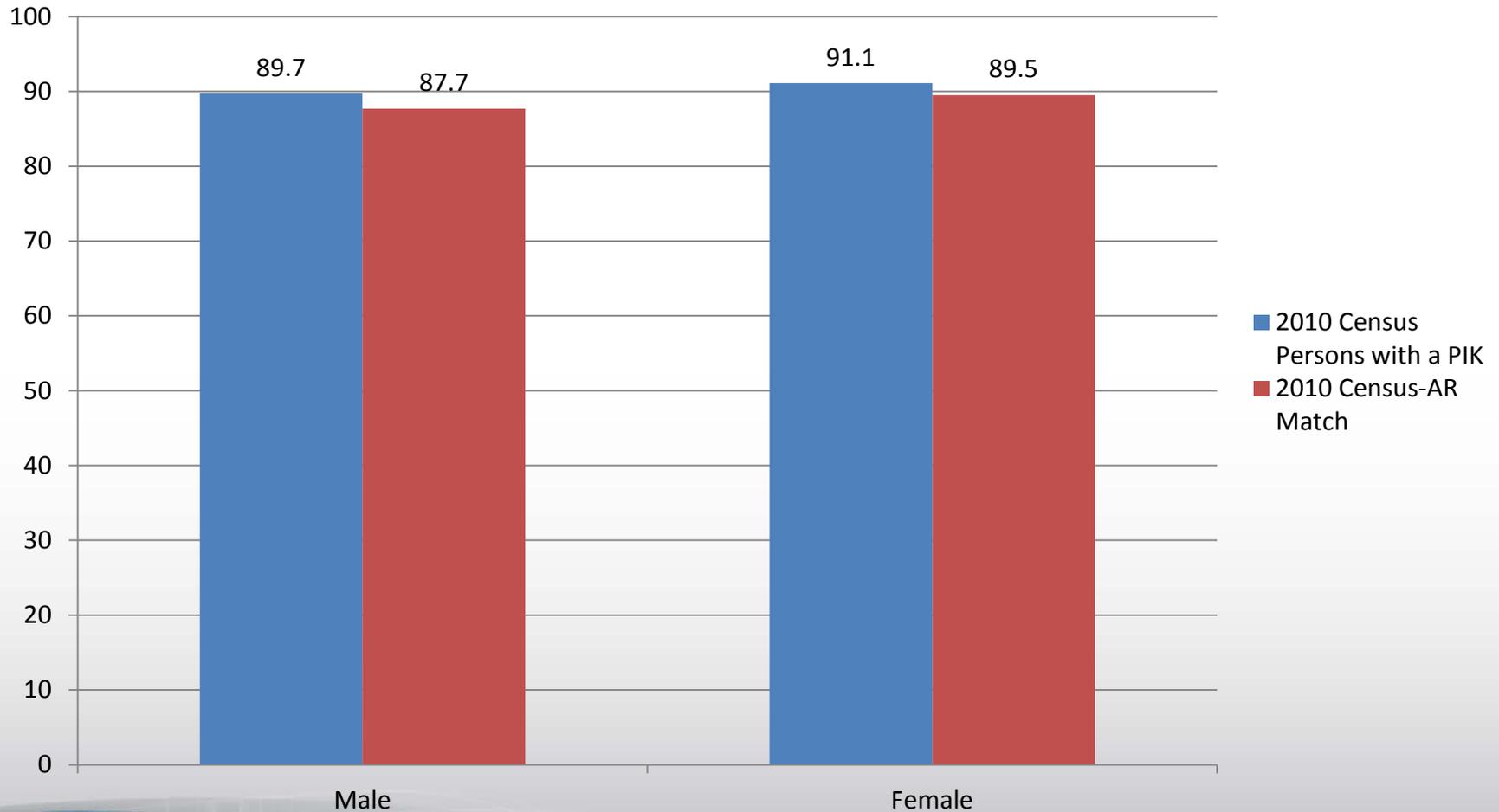
Percentage of 2010 Census Persons with PIKs and 2010 Census-AR Match Ratios: Race



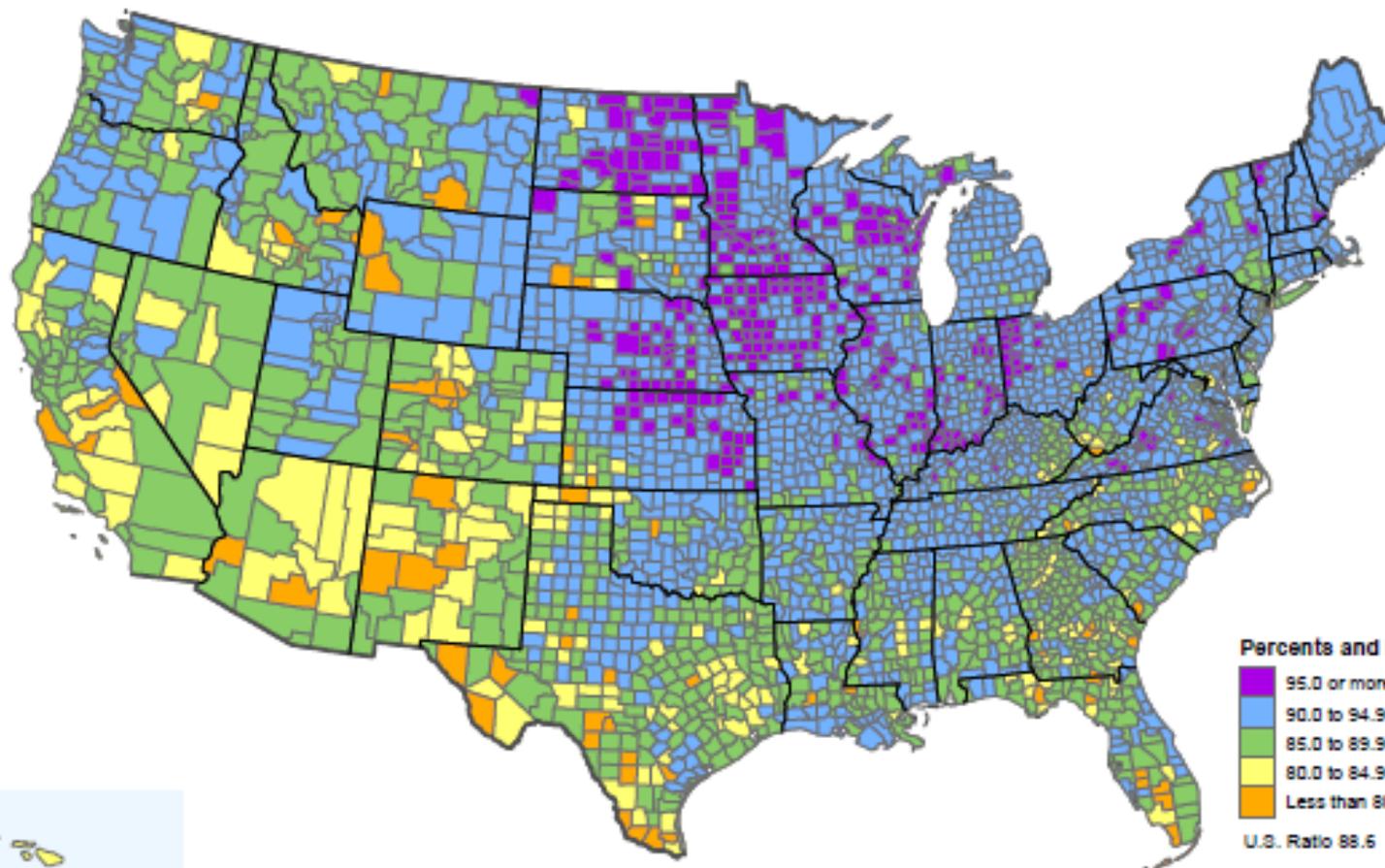
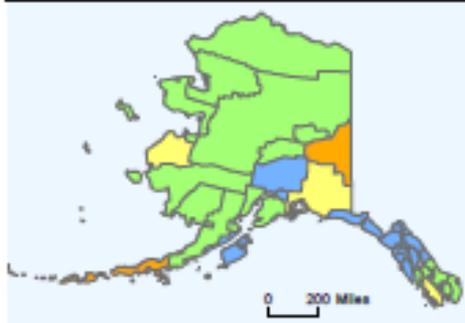
Percentage of 2010 Census Persons with PIKs and 2010 Census-AR Match Ratios: Age



Percentage of 2010 Census Persons with PIKs and 2010 Census-AR Match Ratios: Gender



Match Ratio of 2010 Census and Administrative Records Persons by County



Percents and Number of Counties

95.0 or more	N = 208
90.0 to 94.9	N = 1,611
85.0 to 89.9	N = 988
80.0 to 84.9	N = 249
Less than 80.0	N = 87

U.S. Ratio 88.6



Source: 2010 Census and 2010 Census Match Study Administrative Records Data

2020 Research and Testing Program

- Assisting with Nonresponse Followup Operations
- Update the Master Address File
- Improving quality control
- Contact frame

Surveys and AR

- Sampling frame
- Contact frame
- Assist with item imputation
- Replacement of items on surveys
- Understand the quality of collected data

Thank You!

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