Population Growth Trends and Diversity

Analysis of 2020 Census Redistricting Data

Supin Yoder

Travel Demand Forecasting and GIS Specialist

FHWA Office of Planning

U.S. Department of Transportation
Federal Highway Administration

2020 Census
PL94-171 Redistricting Data

U.S. Department of Transportation
Federal Highway Administration

- Public Law (P.L.) 94-171, enacted by Congress in 1975.

- Small area population counts for redistricting

- The <u>first</u> 2020 decennial Census product released on August 12, 2021.
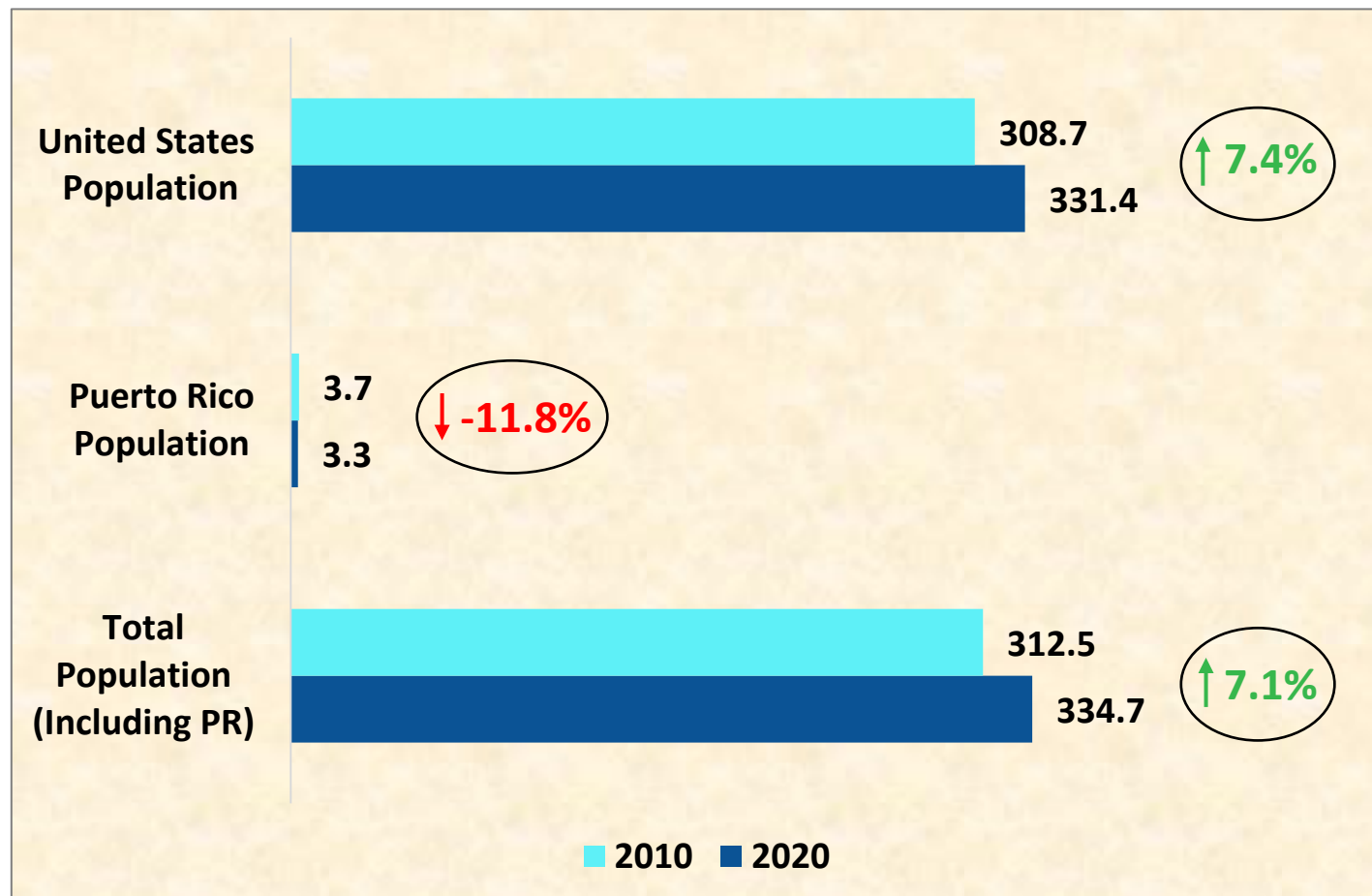
- **Total Population**
  - By Race
  - By Ethnicity

- **Voting Population** (18 years and over)
  - By Race
  - By Ethnicity

- **Group Quarter Population**
  - by Major Group Quarters

- **Housing Units**
  - Occupied or Vacant units
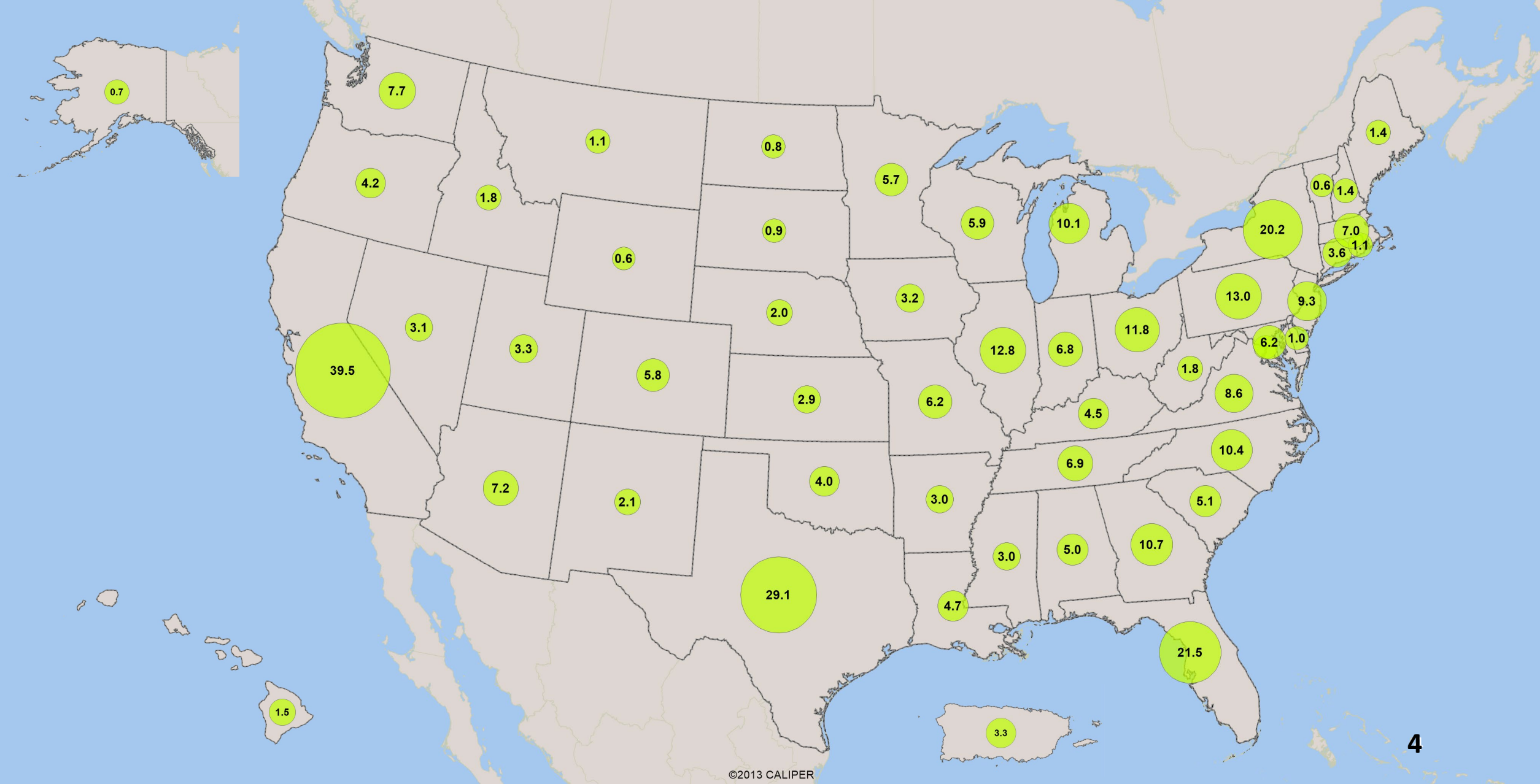
Total Population: 2010 and 2020

(In millions)

U.S. Department of Transportation
Federal Highway Administration

	2010	2020	Change
United States Population	308.7	331.4	↑ 7.4%
Puerto Rico Population	3.7	3.3	↓ -11.8%
Total Population (Including PR)	312.5	334.7	↑ 7.1%

Legend: ■ 2010 ■ 2020

2020 Population by State (in millions)

©2013 CALIPER

Change in State Population: 2010 to 2020

% Change 2010 to 2020
- Less than Zero
- 0% to 5.%
- 5% to 10%
- 10% to 20%

0 150 300 450
Miles
FHWA Office of Planning

AK 23,160
WA 980,741
MT 94,810
ND 106,503
MN 402,569
ME 33,998
OR 406,182
ID 271,524
SD 72,487
WI 206,732
MI 193,691
VT 17,336
NY 823,147
MA 482,288
WY 13,225
NE 135,163
IA 144,014
PA 300,321
NJ 497,100
NV 404,063
UT 507,731
CO 744,518
IL -18,124
IN 301,726
OH 262,944
WV -59,278
VA 630,369
DE 92,014
CA 2,284,267
KS 84,762
MO 165,986
KY 166,469
NC 903,905
AZ 759,485
NM 58,343
OK 208,002
AR 95,606
TN 564,735
SC 493,061
TX 3,999,944
MS -6,018
AL 244,543
GA 1,024,255
LA 124,385
FL 2,736,877
HI 94,970
PR -439,915

©2013 CALIPER

5

% Change in County Population: 2010 to 2020

% of Changes 2010 to 2020
- -40.0% to 0.0%
- 0.0% to 5.0%
- 5.0% to 10.0%
- 10.0% to 20.0%
- 20.0% to 135.0%

0   150   300   450
Miles

FHWA Office of Planning

©2013 CALIPER

6
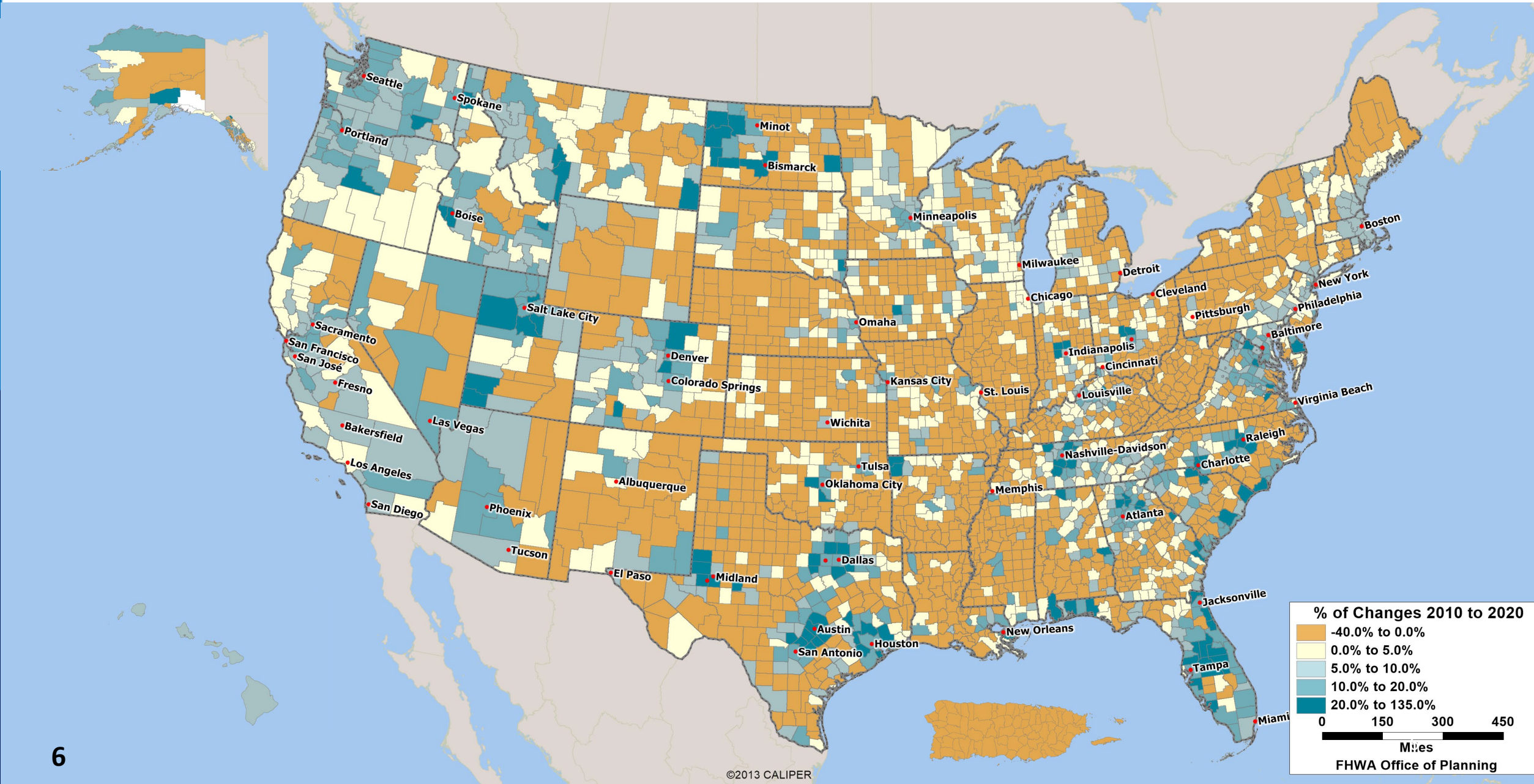
% of Population Change by MPO Size: 2010 to 2020

Chart: % of Population Change by MPO Size in 2010

MPO Size in 2010	% of Population Change
50,000 to 100,000	5%
100,000 to 200,000	7%
200,000 to 500,000	8%
500,000 to 1 Million	8%
Above 1 Million	10%
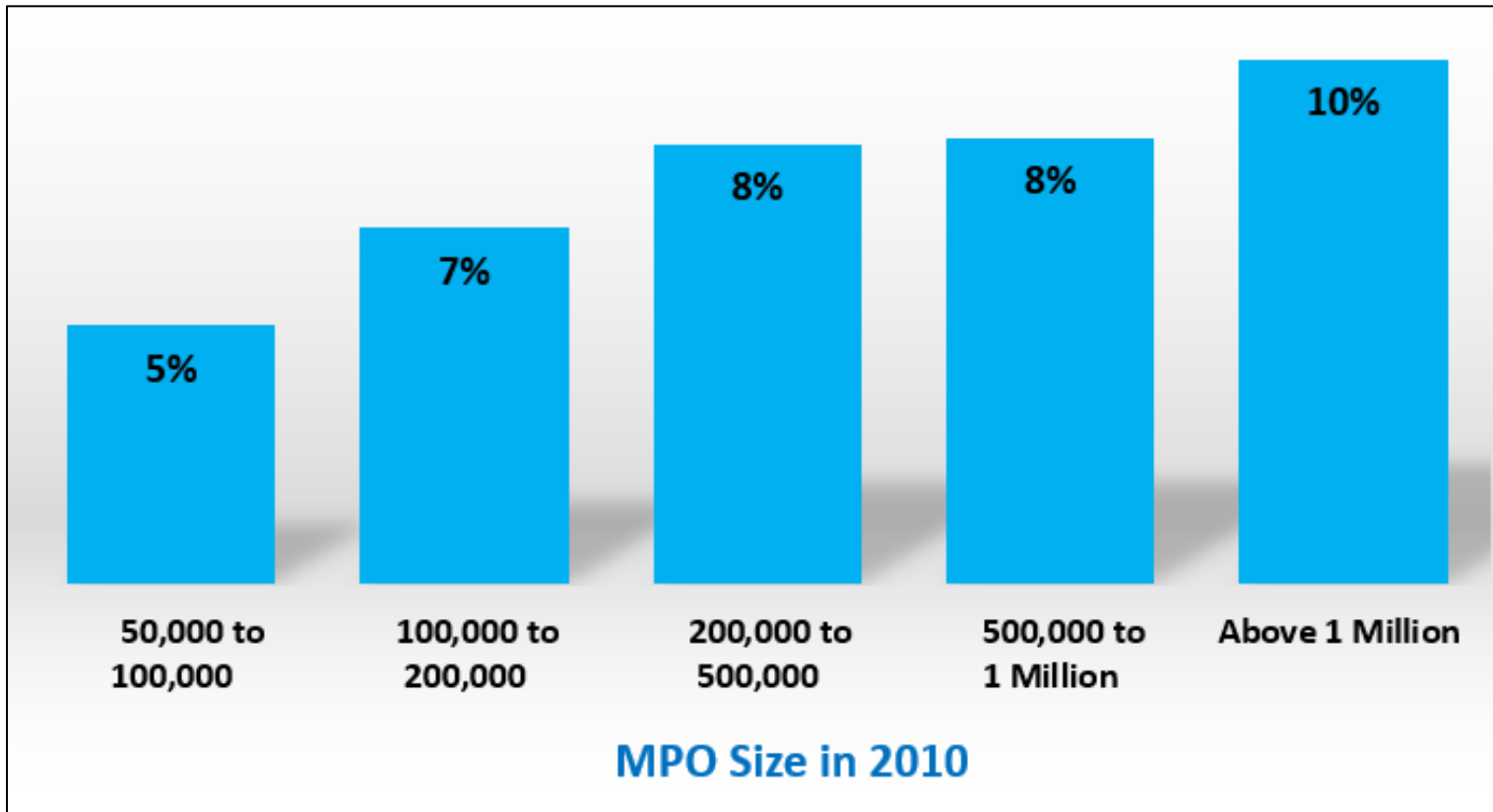
% Change in MPO Population: 2010 to 2020

% Change 2010-2020
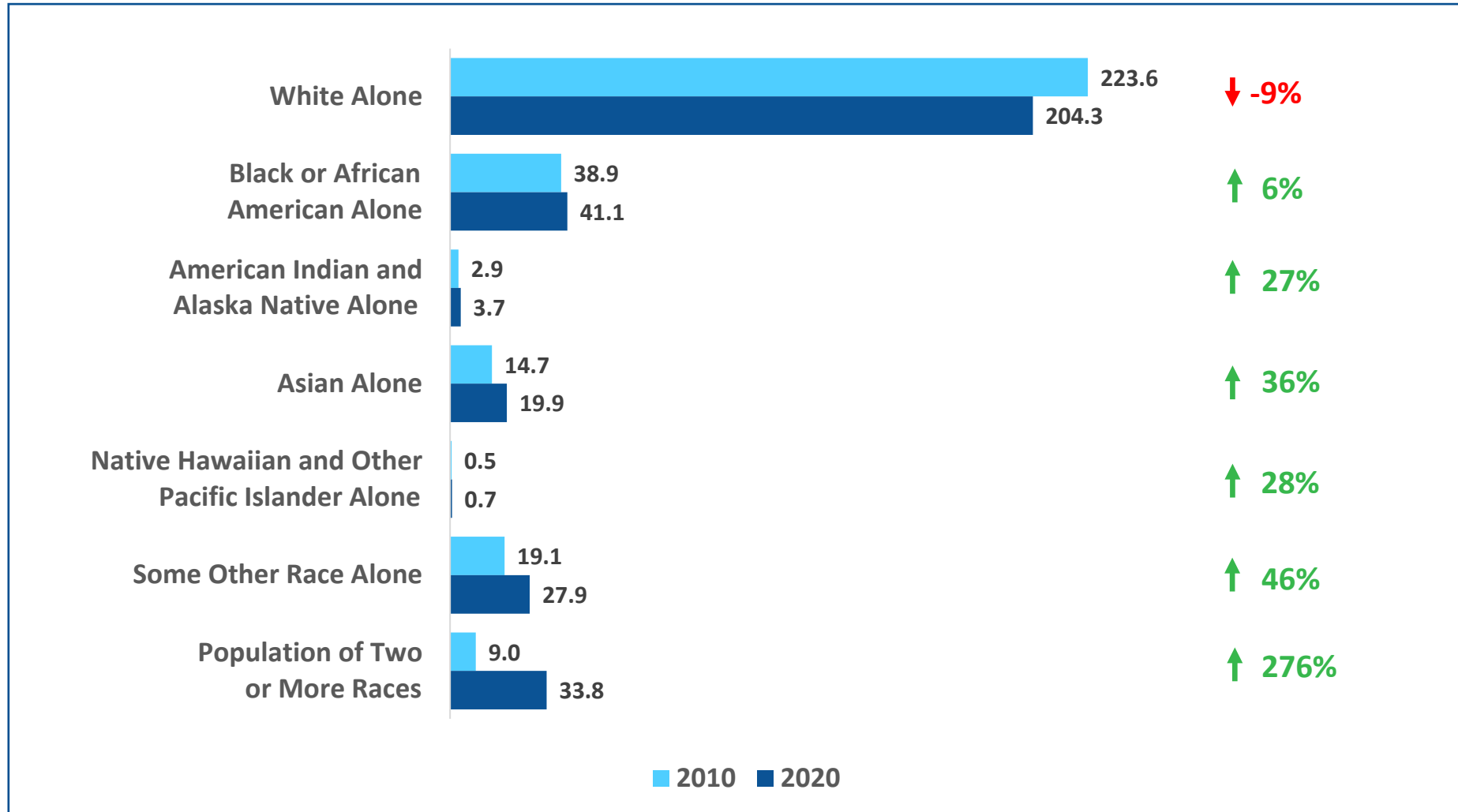- -15% to 0%
- 0% to 5%
- 5% to 10%
- 10% to 20%
- 20% to 36%

Miles

FHWA Office of Planning

8
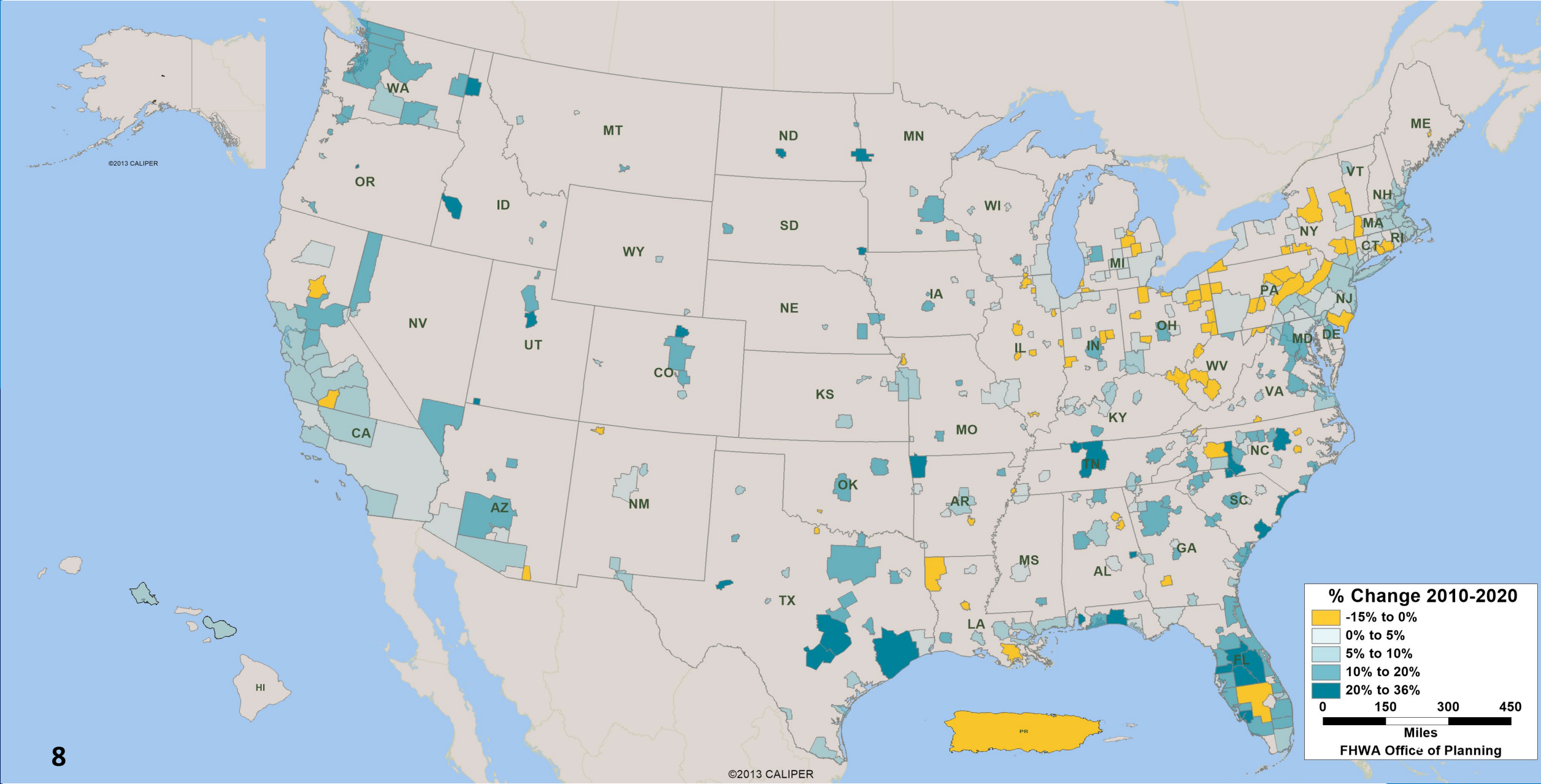
Population Change by Race: 2010 to 2020 (In millions)

U.S. Department of Transportation
Federal Highway Administration

| Race	2010	2020	Change
White Alone	223.6	204.3	↓ -9%
Black or African American Alone	38.9	41.1	↑ 6%
American Indian and Alaska Native Alone	2.9	3.7	↑ 27%
Asian Alone	14.7	19.9	↑ 36%
Native Hawaiian and Other Pacific Islander Alone	0.5	0.7	↑ 28%
Some Other Race Alone	19.1	27.9	↑ 46%
Population of Two or More Races	9.0	33.8	↑ 276%

■ 2010 ■ 2020

Population Change by Race & Ethnicity: 2010 to 2020 (In millions)

Race & Ethnicity	2010	2020	Change
Hispanic or Latino, of any Race	50.5	62.1	↑ 23%
White alone, non-Hispanic	196.8	191.7	↓ -3%
Black or African American alone, non-Hispanic	37.7	39.9	↑ 6%
American Indian and Alaska Native alone, non-Hispanic	2.2	2.3	↑ 0%
Asian alone, non-Hispanic	14.5	19.6	↑ 36%
Native Hawaiian and Other Pacific Islander alone, non-Hispanic	0.5	0.6	↑ 29%
Some Other Race alone, non-Hispanic	0.6	1.7	↑ 180%
Two or More Races, non-Hispanic	6.0	13.5	↑ 127%

■ 2010 ■ 2020
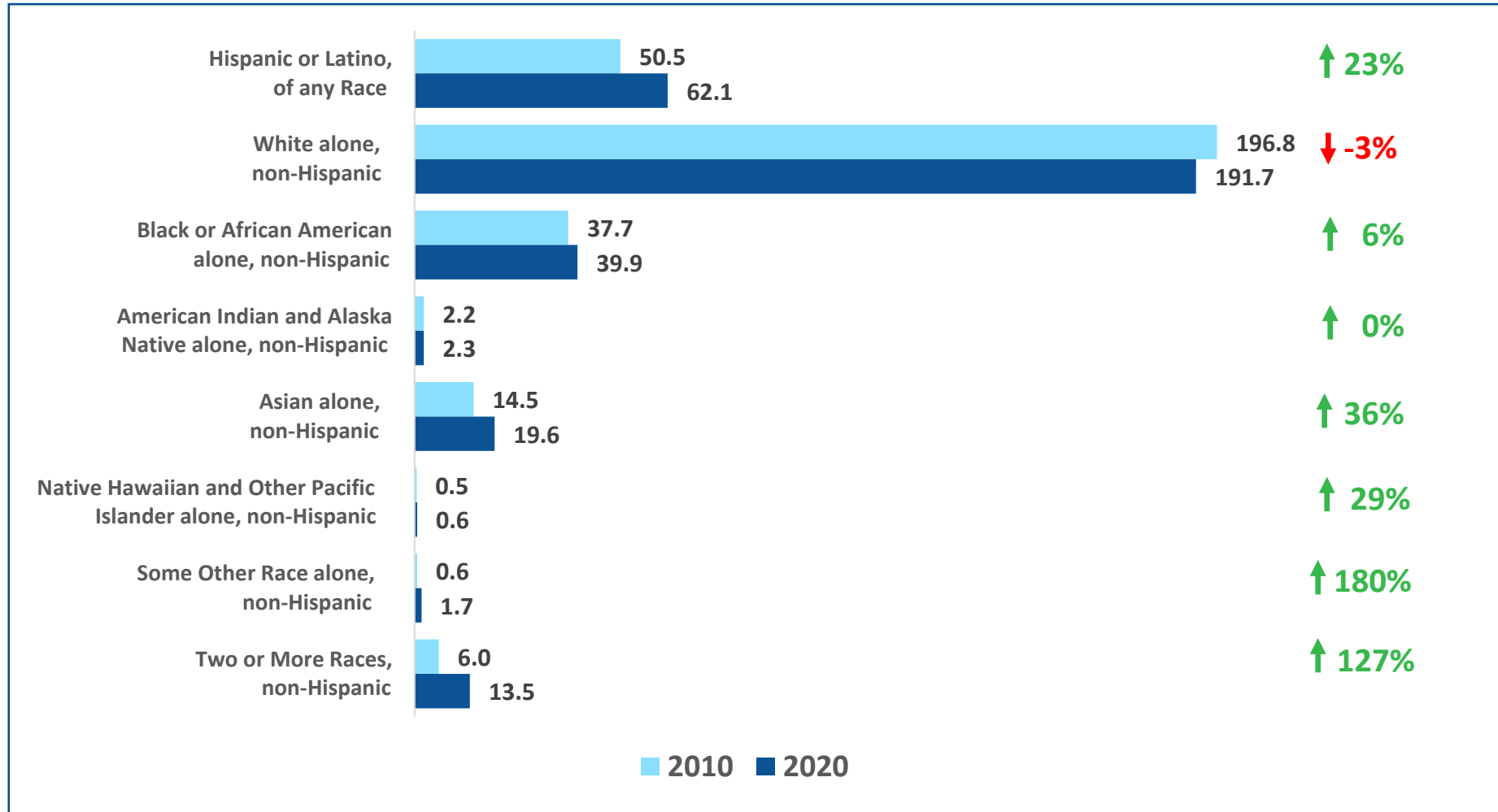
Minority Population

Minority populations are those who are not White Alone or non-Hispanic White Alone

U.S. Department of Transportation
Federal Highway Administration
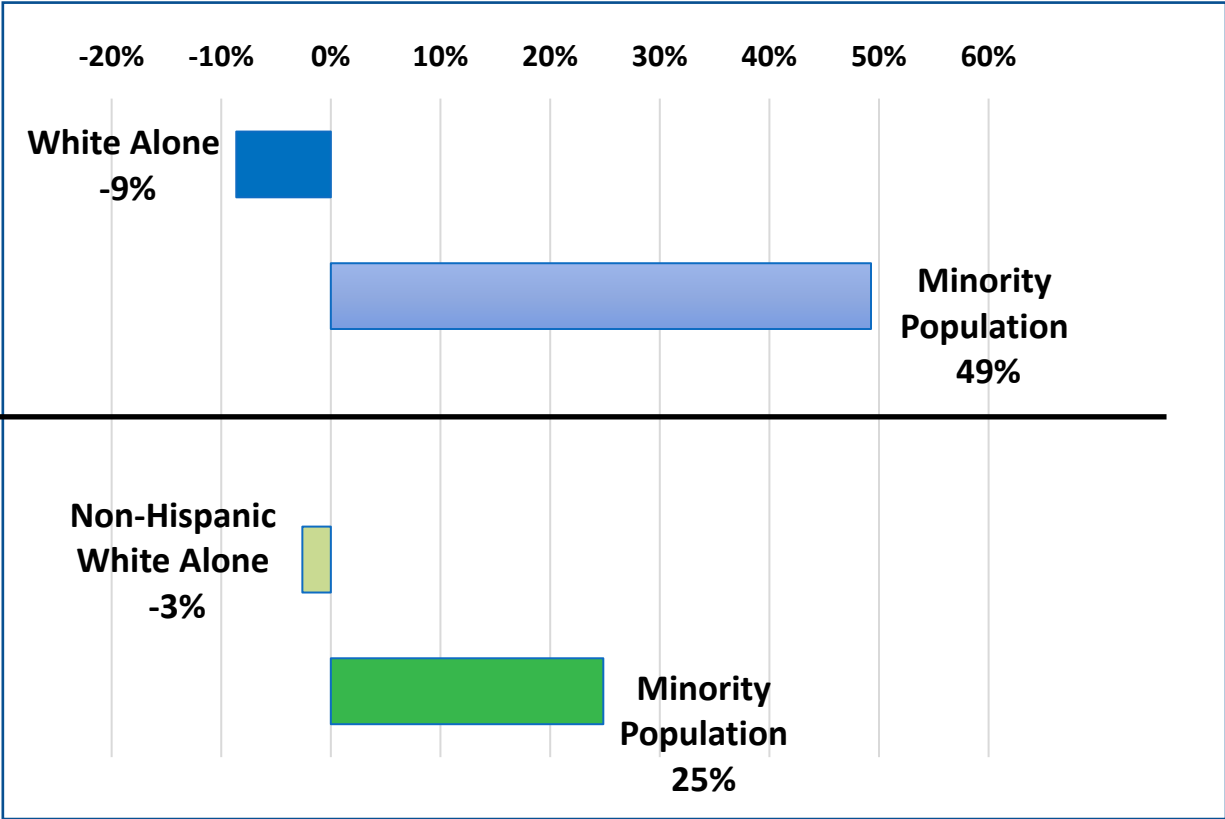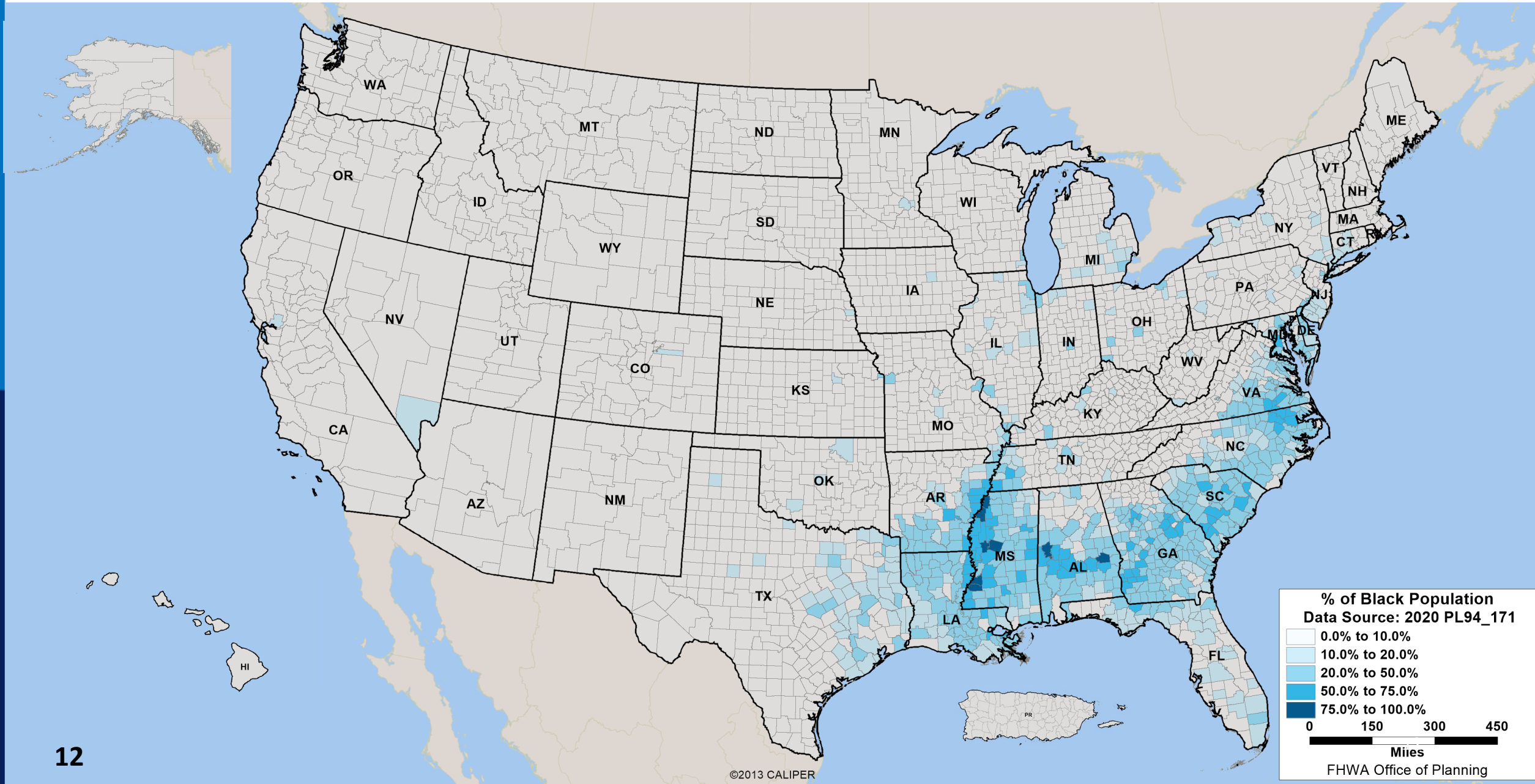
% of Minority Population in 2020

Minority Population 38%
White Alone 62%

Based on Race

Minority Population 42%
Non-Hispanic White Alone 58%
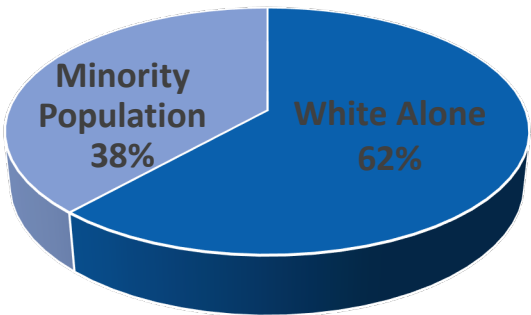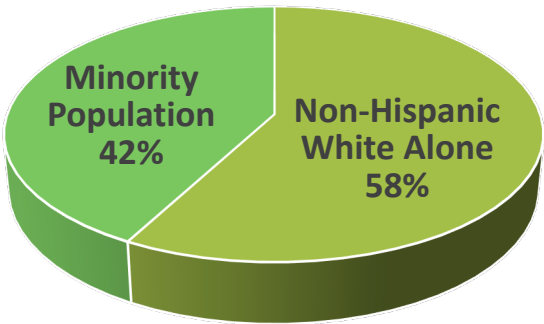
Based on Race & Ethnicity
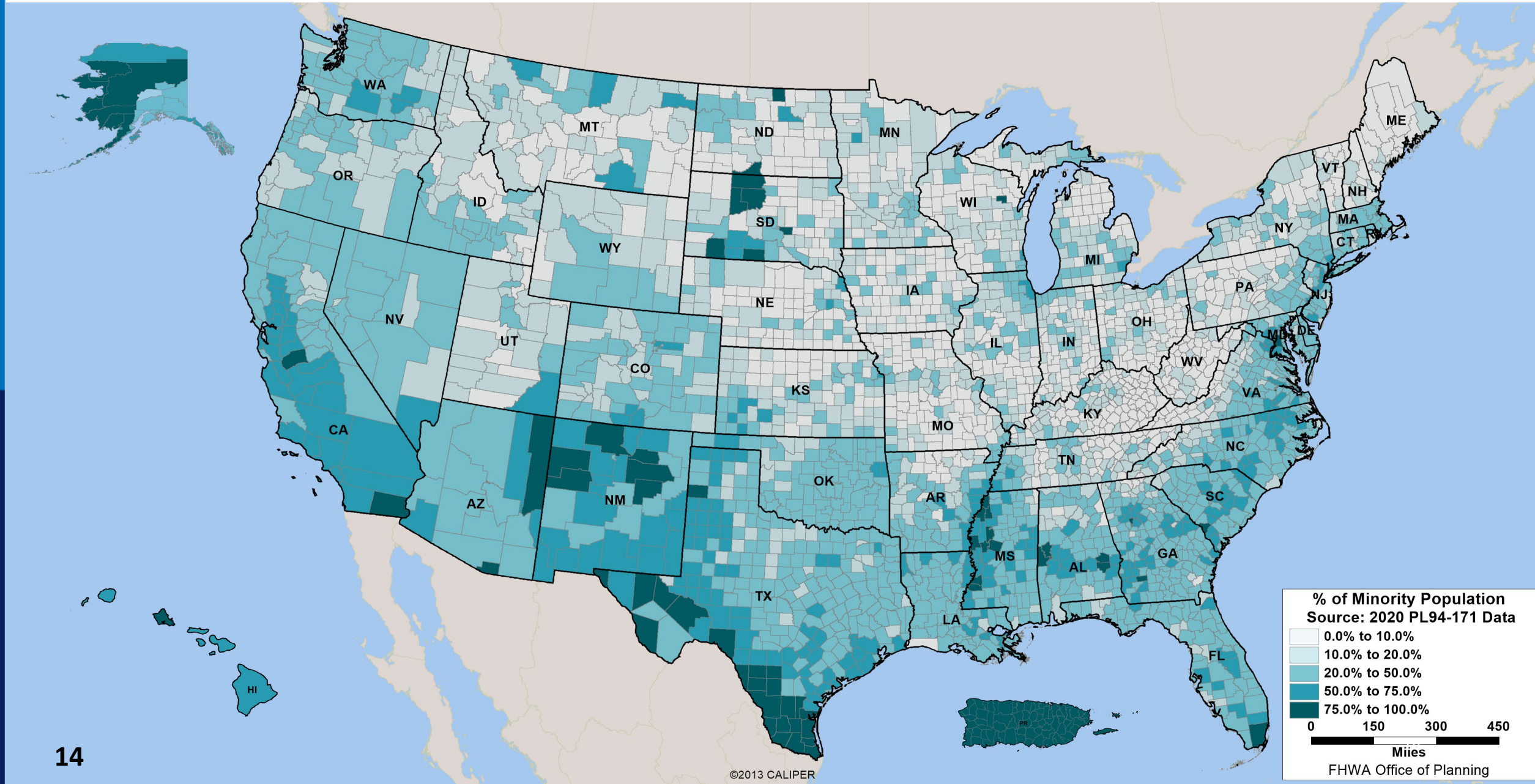
% of Change in Minority Population from 2010 to 2020

-20% -10% 0% 10% 20% 30% 40% 50% 60%

White Alone -9%

Minority Population 49%

Non-Hispanic White Alone -3%

Minority Population 25%

Percent of Black Population in 2020 (Black alone, not Hispanic)

% of Black Population
Data Source: 2020 PL94_171

- 0.0% to 10.0%
- 10.0% to 20.0%
- 20.0% to 50.0%
- 50.0% to 75.0%
- 75.0% to 100.0%

0   150   300   450
Miles

FHWA Office of Planning

©2013 CALIPER

12

Percent of Hispanic or Latino Population in 2020

% of Hispanic/Latino Population
Data Source: 2020 PL94-171

- 0.0% to 10.0%
- 10.0% to 20.0%
- 20.0% to 50.0%
- 50.0% to 75.0%
- 75.0% to 100.0%

0   150   300   450
Miles

FHWA Office of Planning

©2013 CALIPER
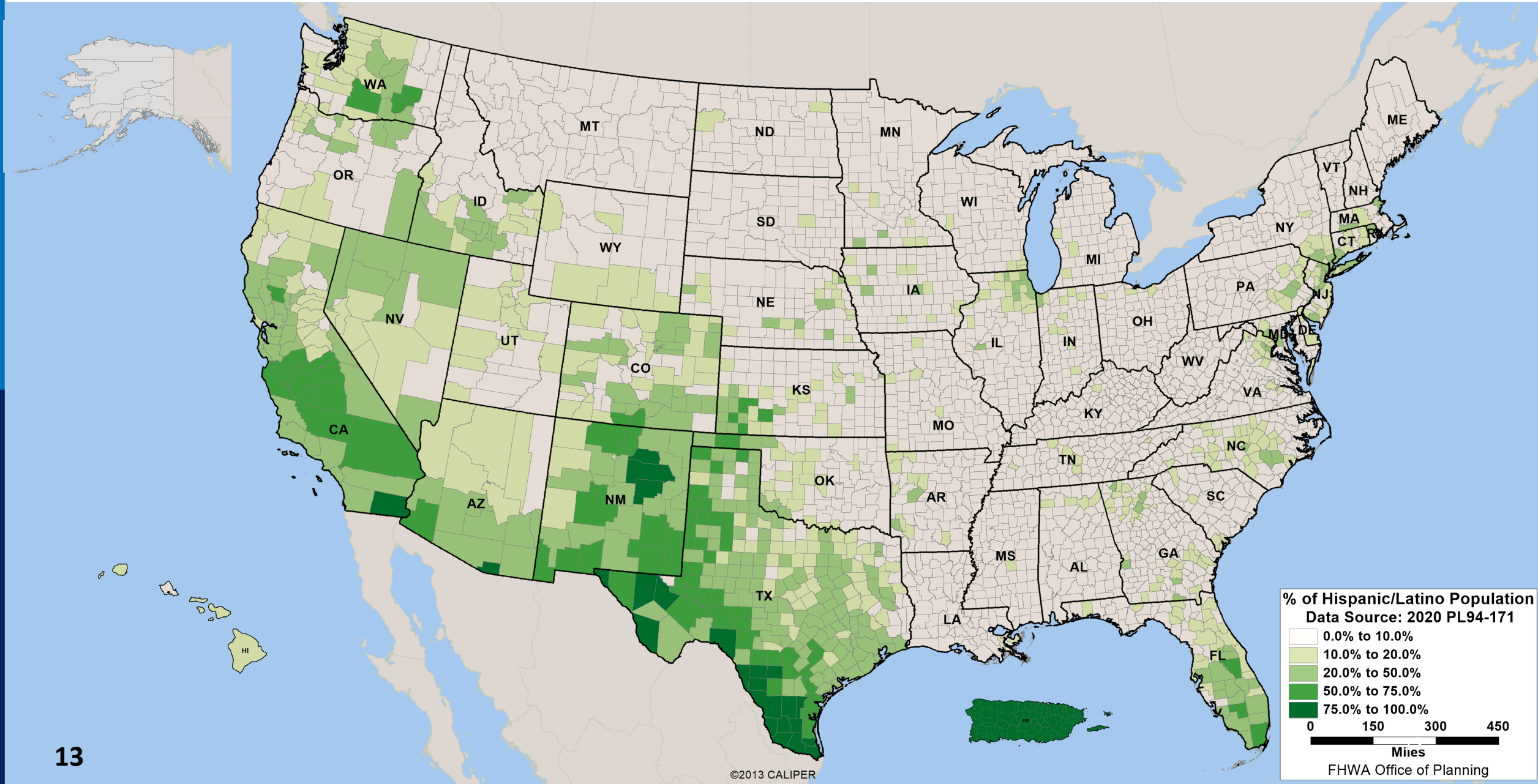
Percent of Minority Population in 2020

% of Minority Population
Source: 2020 PL94-171 Data

- 0.0% to 10.0%
- 10.0% to 20.0%
- 20.0% to 50.0%
- 50.0% to 75.0%
- 75.0% to 100.0%

0   150   300   450
Miies

FHWA Office of Planning

©2013 CALIPER

14

2020 Census Asked Two Separate Questions on Hispanic Origin and Race

→ **NOTE: Please answer BOTH Question 6 about Hispanic origin and Question 7 about race. For this census, Hispanic origins are not races.**

6. Is this person of Hispanic, Latino, or Spanish origin?

☐ No, not of Hispanic, Latino, or Spanish origin

☐ Yes, Mexican, Mexican Am., Chicano

☐ Yes, Puerto Rican

☐ Yes, Cuban

☐ Yes, another Hispanic, Latino, or Spanish origin – *Print, for example, Salvadoran, Dominican, Colombian, Guatemalan, Spaniard, Ecuadorian, etc.* ⬈

Significant changes from 2010 Census for race and ethnicity question designs, data processing, and coding.

7. What is this person's race?
Mark ☒ one or more boxes AND print origins.

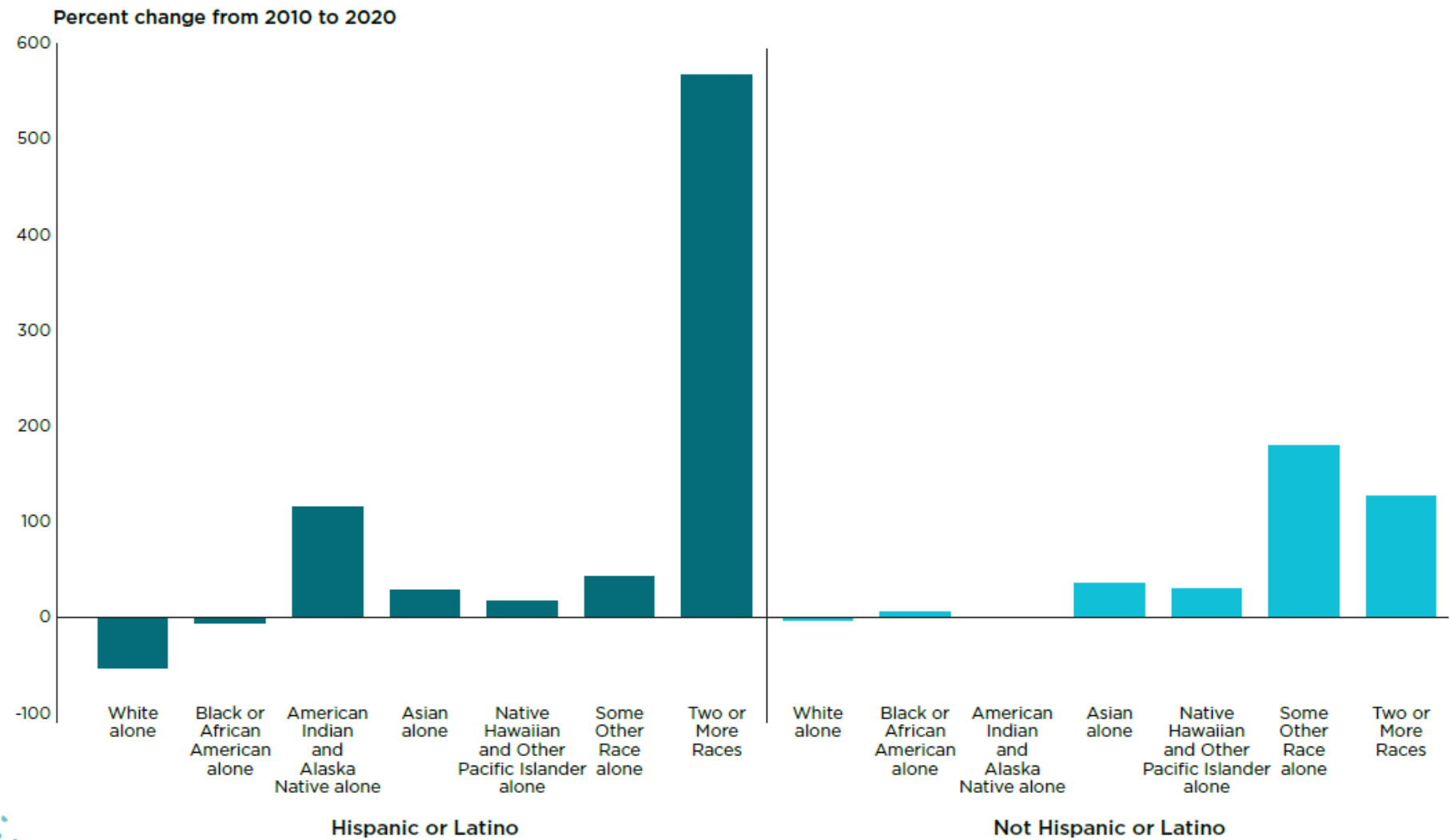☐ White – *Print, for example, German, Irish, English, Italian, Lebanese, Egyptian, etc.* ⬈

☐ Black or African Am. – *Print, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc.* ⬈

☐ American Indian or Alaska Native – *Print name of enrolled or principal tribe(s), for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc.* ⬈
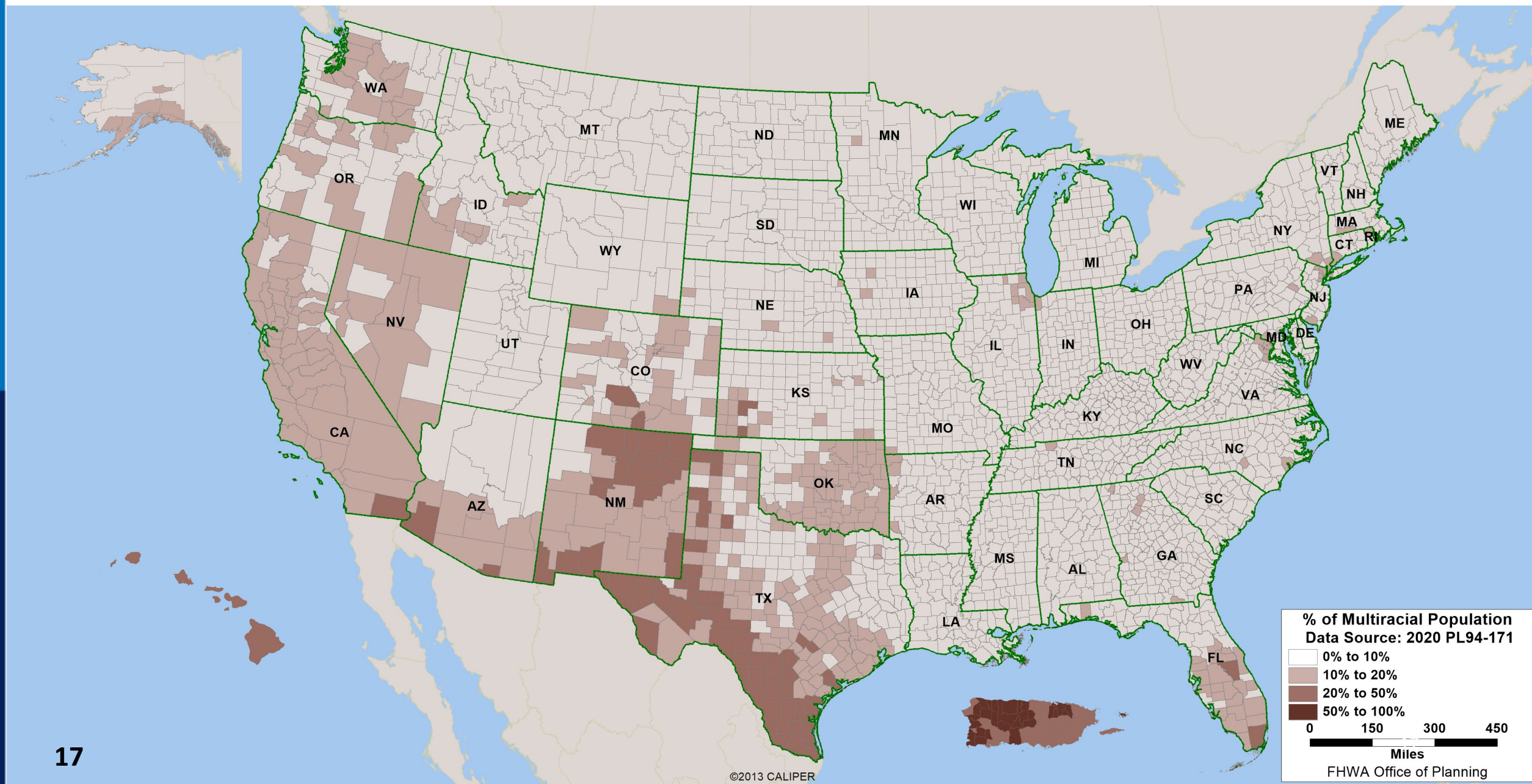
☐ Chinese   ☐ Vietnamese   ☐ Native Hawaiian
☐ Filipino   ☐ Korean   ☐ Samoan
☐ Asian Indian   ☐ Japanese   ☐ Chamorro
☐ Other Asian – *Print, for example, Pakistani, Cambodian, Hmong, etc.* ⬈   ☐ Other Pacific Islander – *Print, for example, Tongan, Fijian, Marshallese, etc.* ⬈
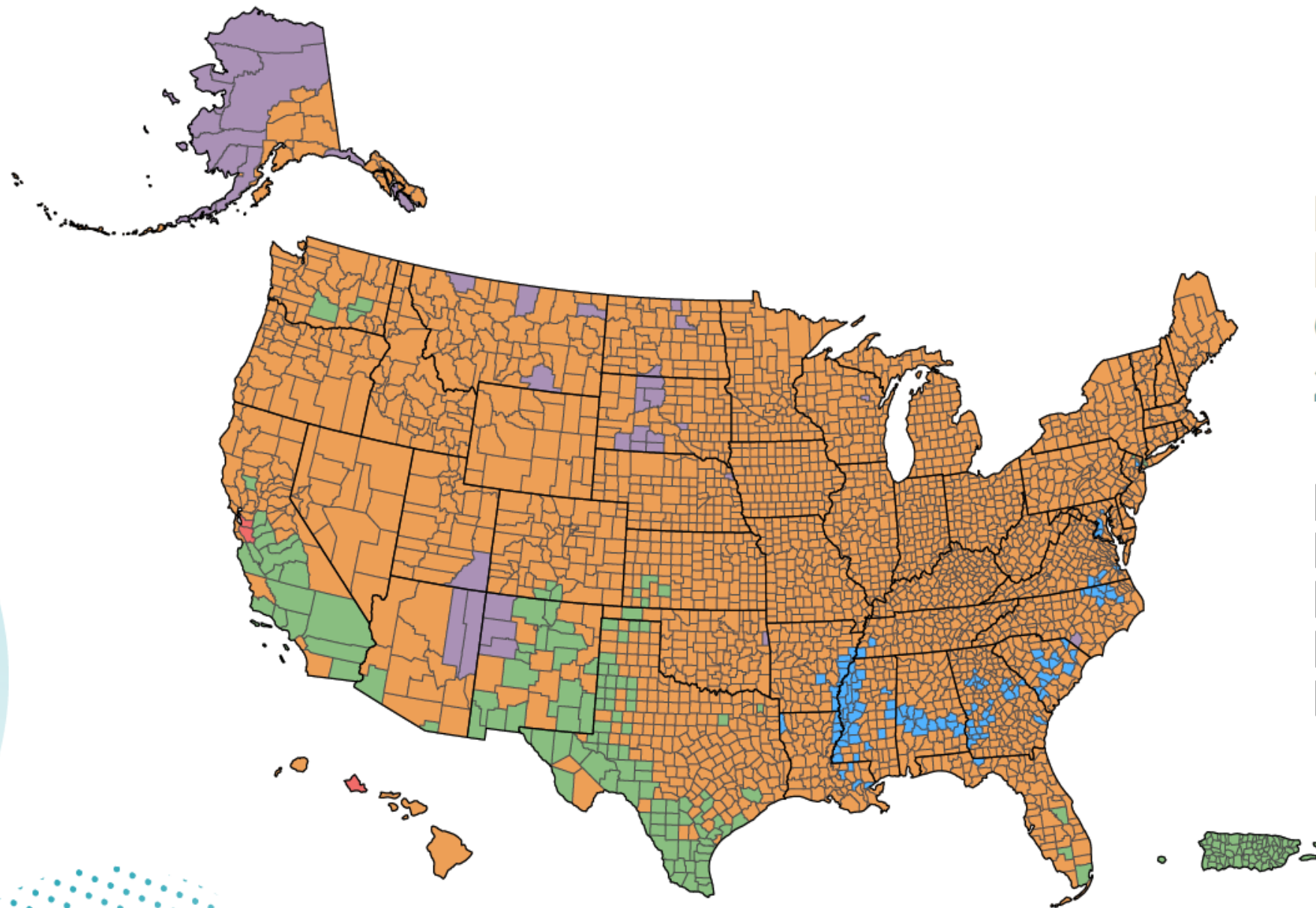
☐ Some other race – *Print race or origin.* ⬈

2020 Census Race Reporting by Hispanic or Latino Origin

Percent change from 2010 to 2020

Percent of Multiracial Population in 2020

% of Multiracial Population
Data Source: 2020 PL94-171

- 0% to 10%
- 10% to 20%
- 20% to 50%
- 50% to 100%

0   150   300   450
Miles

FHWA Office of Planning

©2013 CALIPER

Most Prevalent Race or Ethnicity Group by County: 2020

Race or ethnicity group

- White alone, non-Hispanic
- Black or African American alone, non-Hispanic
- American Indian and Alaska Native alone, non-Hispanic
- Asian alone, non-Hispanic
- Hispanic or Latino, of any race

United States® Census 2020

Note: Native Hawaiian and Other Pacific Islander alone, non-Hispanic, Some Other Race alone, non-Hispanic, and Two or More Races, non-Hispanic were not the most prevalent group in any county.

18

Summary (Excluding Puerto Rico)

- <u>Growth</u> - US population has grown by 7.4%, adding over 22.7 million.
- <u>Urbanization</u> – population growth is almost entirely concentrated in urban areas, particularly in large counties or metro regions.
- <u>Diversity</u> - Population has become more diverse
  - Hispanic and Latino population has the highest <u>number</u> increase, accounting for over 50% of the US population increase
  - Multiracial population has the largest <u>percentage</u> increase

    Cautions in comparing race and ethnicity information between 2010 and 2020 census due to changes in the 2020 questionnaire design, data processing and coding
- MPO population accounts for over 82% of the US population.
- Nearly 70% of US population increase occurred in the 50 largest MPOs