

# The 2020 Census and Oregon Population Trends

**Senate Committee on Redistricting**

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# Part 1: 2020 Census

- Planning, 2010 - 2019
  - Operation
  - Product development (data needs)
- Operations, 2019 - 2020
  - Collecting data
- Reporting, 2021
  - Publishing results
  - Challenging results

# Planning, 2010-2016

- State Legislatures
  - NCSL Annual Meetings, 2010-2013
  - State Liaisons, 2013
- 2014 Census Test
  - “New methods and advanced technologies”
- 2015 National Content Test
  - race and ethnicity questionnaire design
- 2016 Census Test
  - Methodology for nonresponse follow-up

# Planning: Race and Ethnicity

- Outreach and Research
  - National Advisory Committee on Racial, Ethnic and Other Populations
  - Tribal consultation meetings
  - 2015 National Content Test
- 2020 Census – two questions (OMB 1997)
  - Is Person 1 of Hispanic, Latino, or Spanish origin?
  - What is Person 1's race?

**Hispanic Origin** asked since 1970.

**Race** asked since 1790.

# United States™ Census 2010

→ **NOTE:** Please answer BOTH Question 5 about Hispanic origin and Question 6 about race. For this census, Hispanic origins are not races.

**5. 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 origin, for example, Argentinian, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.* ↘

**6. What is this person's race? Mark  one or more boxes.**

- White
- Black, African Am., ~~or Negro~~
- American Indian or Alaska Native — *Print name of enrolled or principal tribe.* ↘

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Asian Indian   | <input type="checkbox"/> Japanese  | <input type="checkbox"/> Native Hawaiian                             |
| <input type="checkbox"/> Chinese  | <input type="checkbox"/> Korean  | <input checked="" type="checkbox"/> <del>Guamanian or</del> Chamorro |
| <input type="checkbox"/> Filipino   | <input type="checkbox"/> Vietnamese  | <input type="checkbox"/> Samoan                                      |
| <input type="checkbox"/> Other Asian — <i>Print race, for example, Hmong, Laotian, Thai, Pakistani, Cambodian, and so on.</i> ↘ | <input type="checkbox"/> Other Pacific Islander — <i>Print race, for example, Fijian, Tongan, and so on.</i> ↘ |  |

- Some other race — *Print race.* ↘

**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.* ↘

# United States® Census 2020

**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.* ↘

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Chinese  | <input type="checkbox"/> Vietnamese  | <input type="checkbox"/> Native Hawaiian |
| <input type="checkbox"/> Filipino   | <input type="checkbox"/> Korean  | <input type="checkbox"/> Samoan          |
| <input type="checkbox"/> Asian Indian   | <input type="checkbox"/> Japanese  | <input type="checkbox"/> Chamorro        |
| <input type="checkbox"/> Other Asian — <i>Print, for example, Pakistani, Cambodian, Hmong, etc.</i> ↘ | <input type="checkbox"/> Other Pacific Islander — <i>Print, for example, Tongan, Fijian, Marshallese, etc.</i> ↘ |  |

- Some other race — *Print race or origin.* ↘

## Planning, 2017-2018

- Report to Congress by March 31, 2017
  - subjects planned for 2020 Census
- [Federal Register Notice](#), February 8, 2018
  - Final 2020 Census Residence Criteria and Residence Situations
- Report to Congress – by March 31, 2018
  - Question wording
- [Federal Register Notice](#), May 1, 2018
  - Final Content Design for the Prototype 2020 Census Redistricting Data File.

## Planning: 2017-2020

- Local Update of Census Addresses (LUCA), 2017 - 2019
- Participant Statistical Areas Program (PSAP), 2018-2020
- Boundary and Annexation Survey (BAS), Annual

# Operations: 2019-2020

- Address Canvassing, 2019
- Field Operations, 2020
  - Group quarters outreach February 2020
  - Internet, mail, phone response began March 2020
  - Non-response follow-up scheduled to end July 26<sup>th</sup>; postponed to October 15<sup>th</sup>
  - COVID-19 pandemic, natural disasters
  - Transitory locations delayed to September



# Operations: Self-response

- Field Operations: [Self-response](#)
  - National self-response rate 67.0%
  - Oregon 2020 self-response rate 69.2%
    - (internet 57.4%)
  - Oregon 2010 self-response 66.9%

# Operations: NRFU

- Field Operations: [Non-response follow-up \(NRFU\)](#)
  - Repeat visits; phone
  - Administrative records
  - Proxy interviews (neighbors)
  - Household composition probability (imputation)
  - Re-interviews and verification
- Final response rate “99.98 percent”
  - [Census Bureau, October 19, 2020](#)

# Reporting: Personal Data Confidentiality

- Disclosure Avoidance: “The use of Differential Privacy in protecting respondent data leads to the need to balance statistical accuracy with privacy loss.”
  - [Census Bureau web page, Statistical Safeguards](#)
- Invariant at these levels of geography and higher:
  - Total population (at the state level)
  - Total housing units (at the census block level)
  - Number of group quarters facilities by type (at the census block level)

## Reporting: Apportionment

- We ... plan to deliver a complete and accurate state population count for apportionment in early 2021, as close to the statutory deadline as possible.
  - [Census Bureau, December 30, 2020](#)
- Counts used to determine each state's share of votes in the House of Representatives and the Electoral College for the next decade are now expected by **April 30, 2021**.
  - [NPR, January 27, 2021](#)

## Reporting: Redistricting Data (PL94-171)

- Public Law 94-171 requires that the redistricting data be delivered to state officials within one year of Census Day or no later than April 1, 2021.
- Redistricting data is now not expected prior to **July 30, 2021**.
- Bipartisan bill in Congress to extend the deadlines
  - Senators Schatz and Murkowski
  - Reps. Young and Gallego

# Reporting: PL94-171 Table P1

## Table P1: RACE (Universe: Total population)

### Population of one race:

White alone

Black or African American alone

American Indian and Alaska Native alone

Asian alone

Native Hawaiian and Other Pacific Islander alone

Some Other Race alone

### Two or More Races:

57 possible combinations

# Reporting: PL94-171 Table P2

Table P2: HISPANIC OR LATINO, AND NOT HISPANIC OR LATINO  
BY RACE (Universe: Total population)

Hispanic or Latino

Not Hispanic or Latino

Population of one race:

6 broad race groups

Two or More Races:

57 possible combinations

# Reporting: PL94-171 Table P3

## Table P3: RACE FOR THE POPULATION 18 YEARS AND OVER

(Universe: Total population 18 years and over)

Population of one race:

6 broad race groups

Two or More Races:

57 possible combinations



# Reporting: PL94-171 Table P4

## Table P4: HISPANIC OR LATINO, AND NOT HISPANIC OR LATINO BY RACE FOR THE POPULATION 18 YEARS AND OVER

(Universe: Total population 18 years and over)

Hispanic or Latino

Not Hispanic or Latino

Population of one race:

6 broad race groups

Two or More Races:

57 possible combinations

# Reporting: PL94-171 Table P5

## Table P5: GROUP QUARTERS POPULATION BY GQ TYPE

(Universe: Population in group quarters)

### Institutionalized population

- Correctional facilities for adults

- Juvenile facilities

- Nursing facilities/Skilled-nursing facilities

- Other institutional facilities

### Noninstitutionalized population

- College/University student housing

- Military Quarters

- Other noninstitutional facilities

# Reporting: PL94-171 Table H1

## Table H1: OCCUPANCY STATUS

(Universe: Housing Units)

Occupied

Vacant

# Beyond Redistricting

- Additional data products
  - Demographic Profiles
  - Demographic and Housing Characteristics File
  - Special Reports
- Challenges: Count Question Resolution Program
  - Does not affect apportionment or redistricting counts or other 2020 census data products. Changes would be incorporated into Census Bureau population estimates.
  - Challenges are limited to location (geocoding, boundaries), and coverage (duplication or deletion of housing in the Census Bureau's address file).

## Part 2: Oregon Population Trends

- Oregon and U.S. Growth
- Race and Ethnicity
- Growth by Electoral District
  - Congressional
  - Oregon Senate
  - Oregon House

## Oregon and U.S. Population (millions)

	Oregon	U.S.A.
1980	2.63	226.5
1990	2.84	248.7
'80-'90 growth	7.9%	9.8%
2000	3.42	281.4
'90-'00 growth	20.4%	13.1%
2010	3.83	308.7
'00-'10 growth	12.0%	9.7%
2020 (estimate)*	4.26	329.2
'10-'20 growth	11.2%	6.6%

\*2020 estimates are interpolated from July 2019 and July 2020 estimates.

- Oregon added 1.63 million residents in 40 years (62%)
- The U.S. added 103 million residents in 40 years (45%)

# Population by Race/Ethnicity

## State of Oregon, 2019 ACS

HISPANIC OR LATINO AND RACE	Estimate	MOE*	Share	MOE*
Total population	4,217,737			
Hispanic or Latino (of any race)	566,839		13.4%	
Not Hispanic or Latino	3,60,898		86.6%	
White alone	3,158,958	+/-1,766	74.9%	+/-0.1%
Black or African American alone	75,363	+/-5,491	1.8%	+/-0.1%
American Indian and Alaska Native alone	40,821	+/-3,945	1.0%	+/-0.1%
Asian alone	191,850	+/-4,626	4.5%	+/-0.1%
Native Hawaiian and Other Pacific Islander alone	13,164	+/-2,206	0.3%	+/-0.1%
Some other race alone	5,530	+/-1,795	0.1%	+/-0.1%
Two or more races	165,212	+/-7,853	3.9%	+/-0.2%

Race alone or in combination with one or more other races	Estimate	MOE*	Share	MOE*
Total population	4,217,737			
Black or African American	124,502	+/-3,283	3.0%	+/-0.1%
American Indian and Alaska Native	129,081	+/-6,197	3.1%	+/-0.1%
Asian	263,017	+/-3,066	6.2%	+/-0.1%
Native Hawaiian and Other Pacific Islander	35,802	+/-3,923	0.8%	+/-0.1%
Some other race	175,072	+/-15,164	4.2%	+/-0.4%

\*MOE = Margin of Error at the 90% confidence level. Includes sampling error but does not incorporate errors to independent estimates used to weight survey responses.

Source: U.S. Census Bureau, 2019 American Community Survey one-year estimates, Table DP05.

# Population Shares by Race/Ethnicity 2000 to 2019

HISPANIC OR LATINO AND RACE	2000 Census	2010 Census	2019 ACS Estimate	2019 ACS MOE*
Hispanic or Latino (of any race)	8.0%	11.7%	13.4%	
Not Hispanic or Latino	92.0%	88.3%	86.6%	
White alone	83.5%	78.5%	74.9%	+/-0.1%
Black or African American alone	1.6%	1.7%	1.8%	+/-0.1%
American Indian and Alaska Native alone	1.2%	1.1%	1.0%	+/-0.1%
Asian alone	2.9%	3.6%	4.5%	+/-0.1%
Native Hawaiian and Other Pacific Islander alone	0.2%	0.3%	0.3%	+/-0.1%
Some other race alone	0.1%	0.1%	0.1%	+/-0.1%
Two or more races	2.4%	2.9%	3.9%	+/-0.2%

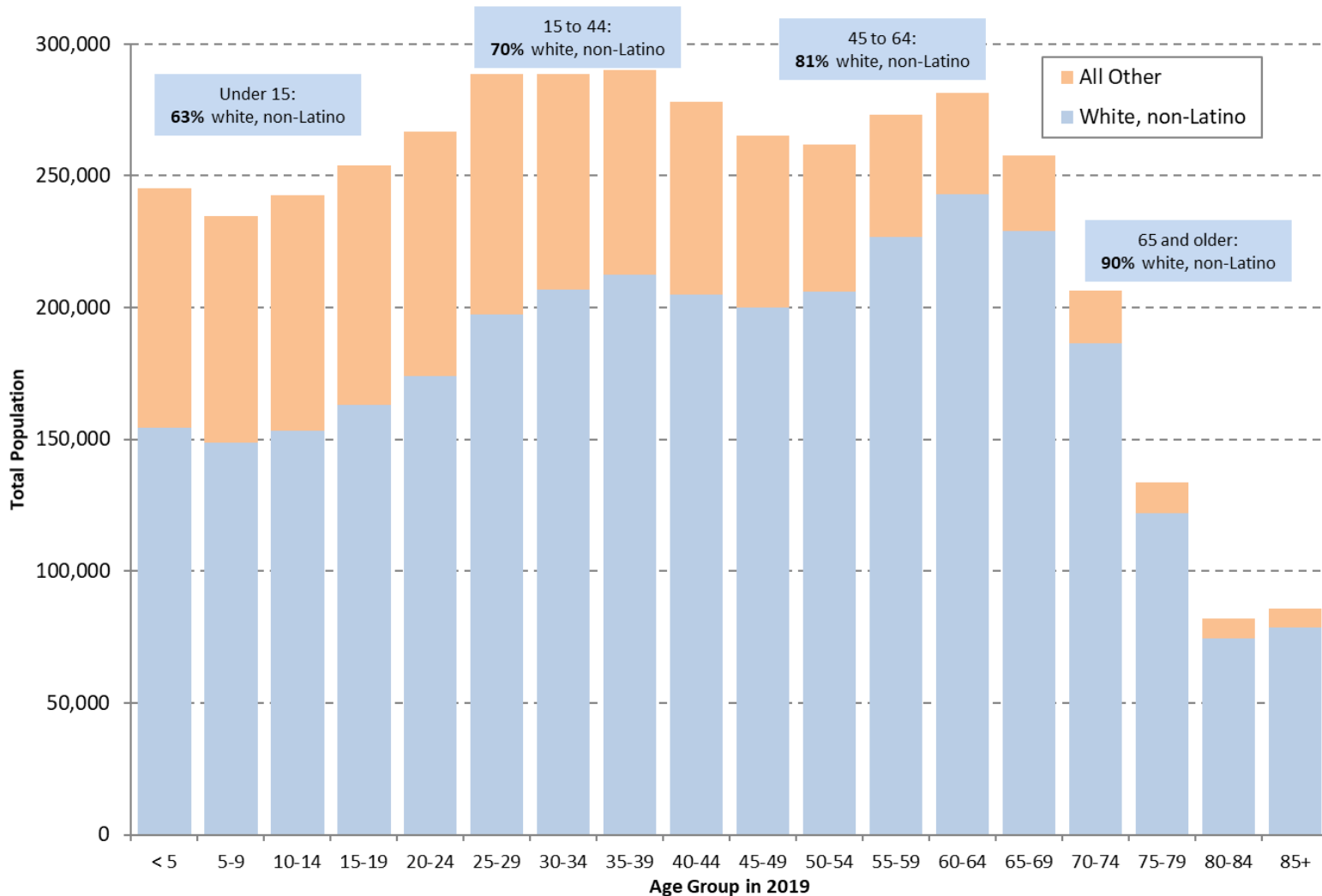
Race alone or in combination with one or more other races	2000 Census	2010 Census	2019 ACS Estimate	2019 ACS MOE*
Black or African American	2.1%	2.6%	3.0%	+/-0.1%
American Indian and Alaska Native	2.5%	2.9%	3.1%	+/-0.1%
Asian	3.7%	4.9%	6.2%	+/-0.1%
Native Hawaiian and Other Pacific Islander	0.5%	0.7%	0.8%	+/-0.1%
Some other race	5.2%	6.1%	4.2%	+/-0.4%

*\*MOE = Margin of Error at the 90% confidence level. Includes sampling error but does not incorporate errors to independent estimates used to weight survey responses.*

*Source: U.S. Census Bureau, 2000 and 2010 Censuses, 2019 American Community Survey one-year estimates, Table DP05.*



# Population by Race/Ethnicity and Age State of Oregon, 2019



# Oregon Population Estimate

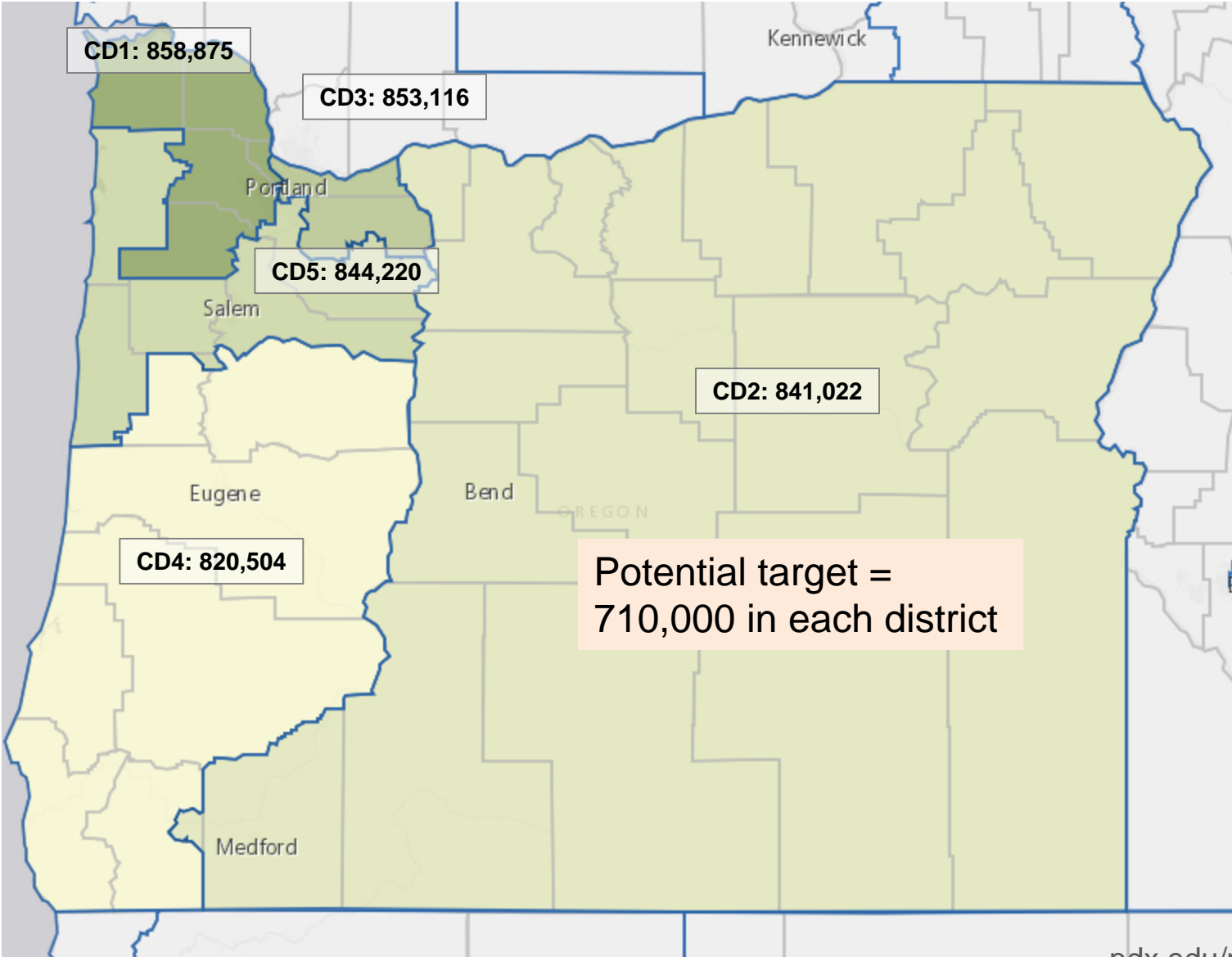
Oregon April 2020 Population Estimate =  
4,260,000\*

$$4,260,000 \div 6 \approx 710,000$$

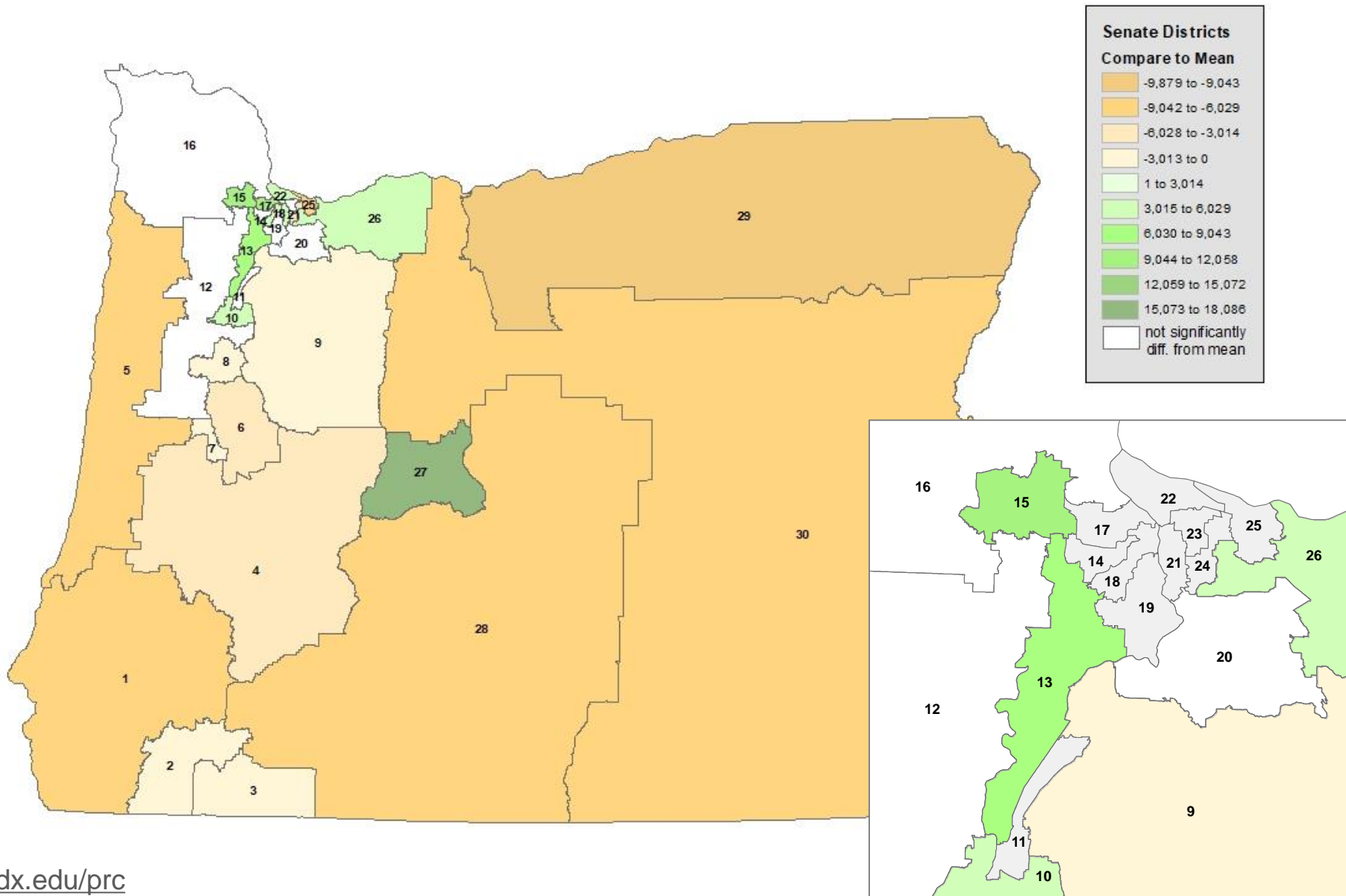
\*Interpolation of Certified July 2019 and July 2020 population estimates, PSU  
Population Research Center, December 2020.

# Population Estimates by Congressional District

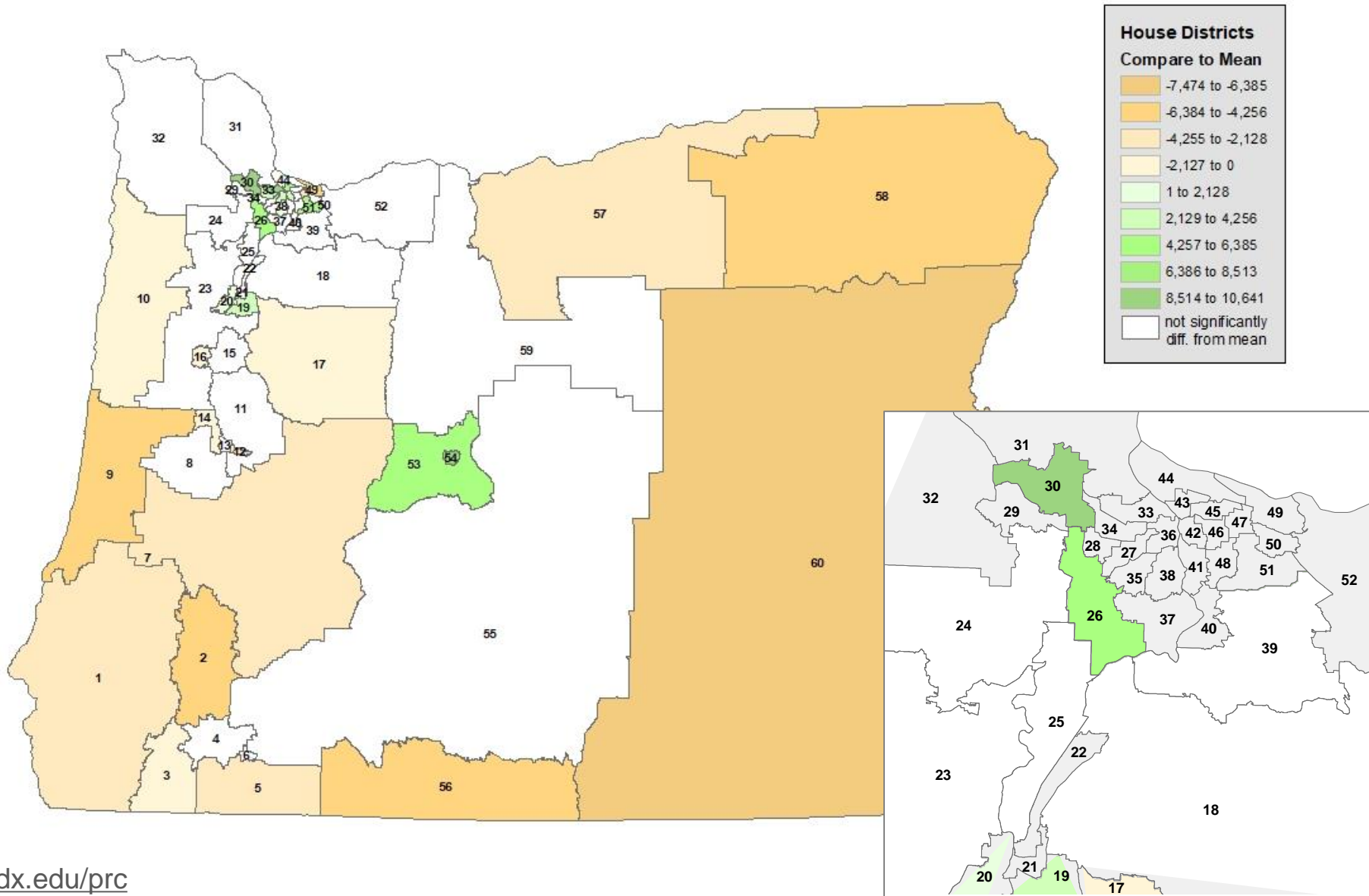
## 2019 American Community Survey one year estimates



# Senate District Population Above or Below Mean 2015-19 American Community Survey five year estimates



# House District Population Above or Below Mean 2015-19 American Community Survey five year estimates



Thank You, Madam Chair and  
Members of the Committee!

Questions and Comments

Population Research Center

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