THE CALIFORNIA HEALTH INTERVIEW SURVEY (CHIS)

The Center's 2019 Health Policy Seminar Series:

CHIS 2018 Data Release

Ninez A. Ponce, CHIS Principal Investigator, CHPR Director
Todd Hughes, CHIS Director

October 24, 2019

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CHIS 2018 Data Release

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October 24, 2019

What is CHIS?

- Nation's largest state health survey
- Most comprehensive source of health information on Californians
- Comprehensive range of health topics

- Health Status
- Health Conditions
- Mental Health
- Oral Health
- Health Behaviors
- Access to & Use of Health Care
- Health Insurance
- Employment
- Respondent Characteristics

California Health Interview Survey (CHIS)

- California's assessment tool to meet state and local needs for population-based health data
  - Policy analysis, development and advocacy
  - Service and program planning
  - Research
- CHIS is a collaborative project, funded by federal and state health agencies, California and national foundations, and others

  (See healthpolicy.ucla.edu/chis/about/Pages/funds.aspx)

CHIS Main Objectives

- Provide Health and Health-Related Estimates:

1. at local-level for counties, cities with health departments, and statewide
2. for California's major racial/ethnic groups and (if possible) some smaller ethnic groups
3. disseminate to wide audiences

CHIS Survey

- Computer-Assisted Telephone Interview (CATI)
- CHIS interviews
  - An adult (age 18+) in the household, adolescent (age 12-17) if present, and child (age 0-11) if present
- CHIS conducted in multiple languages
  - English, Spanish, Chinese in both Cantonese and Mandarin dialects, Korean, Vietnamese, and Tagalog
  - Translations available on CHIS website (http://healthpolicy.ucla.edu/chis/design/Pages/Questionnaires%20(Translated).aspx)

2018 Data Collection Results

CHIS 2018 RACIAL/ETHNIC GROUP SAMPLES BY AGE

	ADULT (Age 18+)	ADOLESCENT (Ages 12-17)	CHILD (Ages 0-11)
Total Sample Size	**21,177**	**432**	**1,586**
RACE*			
White	15,009	275	992
Asian	1,914	40	131
Native Hawaiian/Pacific Islander	107	6	7
African American	1,254	21	96
American Indian/Alaska Native	752	22	67
Other single race	1,295	22	102
Two or More Races	846	46	191
LATINO ETHNICITY			
Latino	4,709	148	647
Non-Latino	16,468	284	939

What's New in the 2018 CHIS?

NEW ADULT QUESTIONS

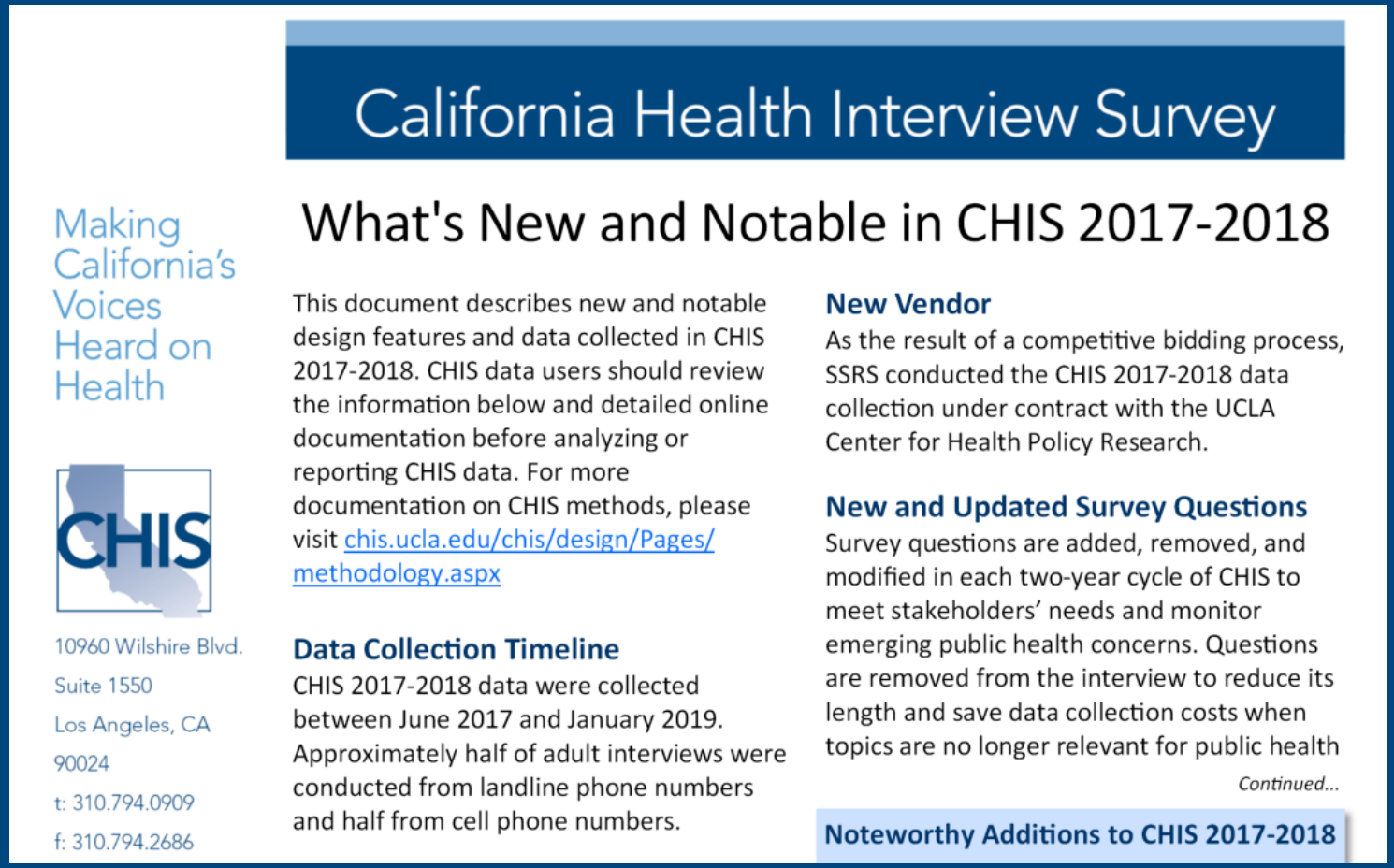
- Non-cigarette tobacco use
- Tobacco product and e-cigarette flavors
- Secondhand smoke exposure and rules about smoking/vaping
- Well-being scale

NEW (REINSTATED) TEEN QUESTIONS

- Condition of teeth and missed school due to dental problems

Note: These items are all available in all CHIS data products including Public Use Files (PUFs)

What's New in the 2017-2018 CHIS?



California Health Interview Survey

Making California's Voices Heard on Health

CHIS

10960 Wilshire Blvd.
Suite 1550
Los Angeles, CA
90024
t: 310.794.0909
f: 310.794.2686

What's New and Notable in CHIS 2017-2018

This document describes new and notable design features and data collected in CHIS 2017-2018. CHIS data users should review the information below and detailed online documentation before analyzing or reporting CHIS data. For more documentation on CHIS methods, please visit chis.ucla.edu/chis/design/Pages/methodology.aspx

Data Collection Timeline

CHIS 2017-2018 data were collected between June 2017 and January 2019. Approximately half of adult interviews were conducted from landline phone numbers and half from cell phone numbers.

New Vendor

As the result of a competitive bidding process, SSRS conducted the CHIS 2017-2018 data collection under contract with the UCLA Center for Health Policy Research.

New and Updated Survey Questions

Survey questions are added, removed, and modified in each two-year cycle of CHIS to meet stakeholders' needs and monitor emerging public health concerns. Questions are removed from the interview to reduce its length and save data collection costs when topics are no longer relevant for public health

Continued...

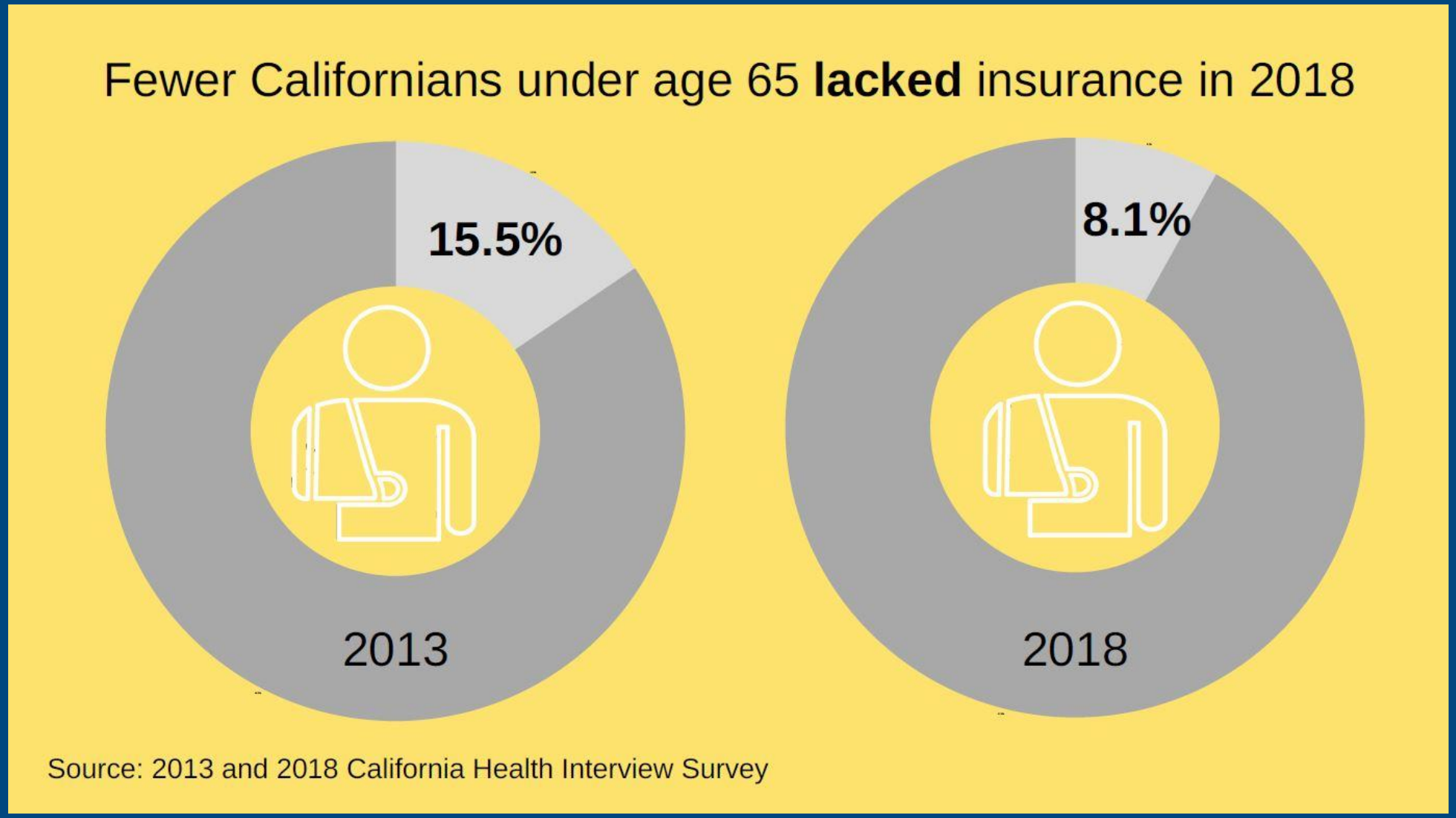
Noteworthy Additions to CHIS 2017-2018

http://healthpolicy.ucla.edu/chis/design/Pages/methodology.aspx

CHIS Data Provide Insights on ACA

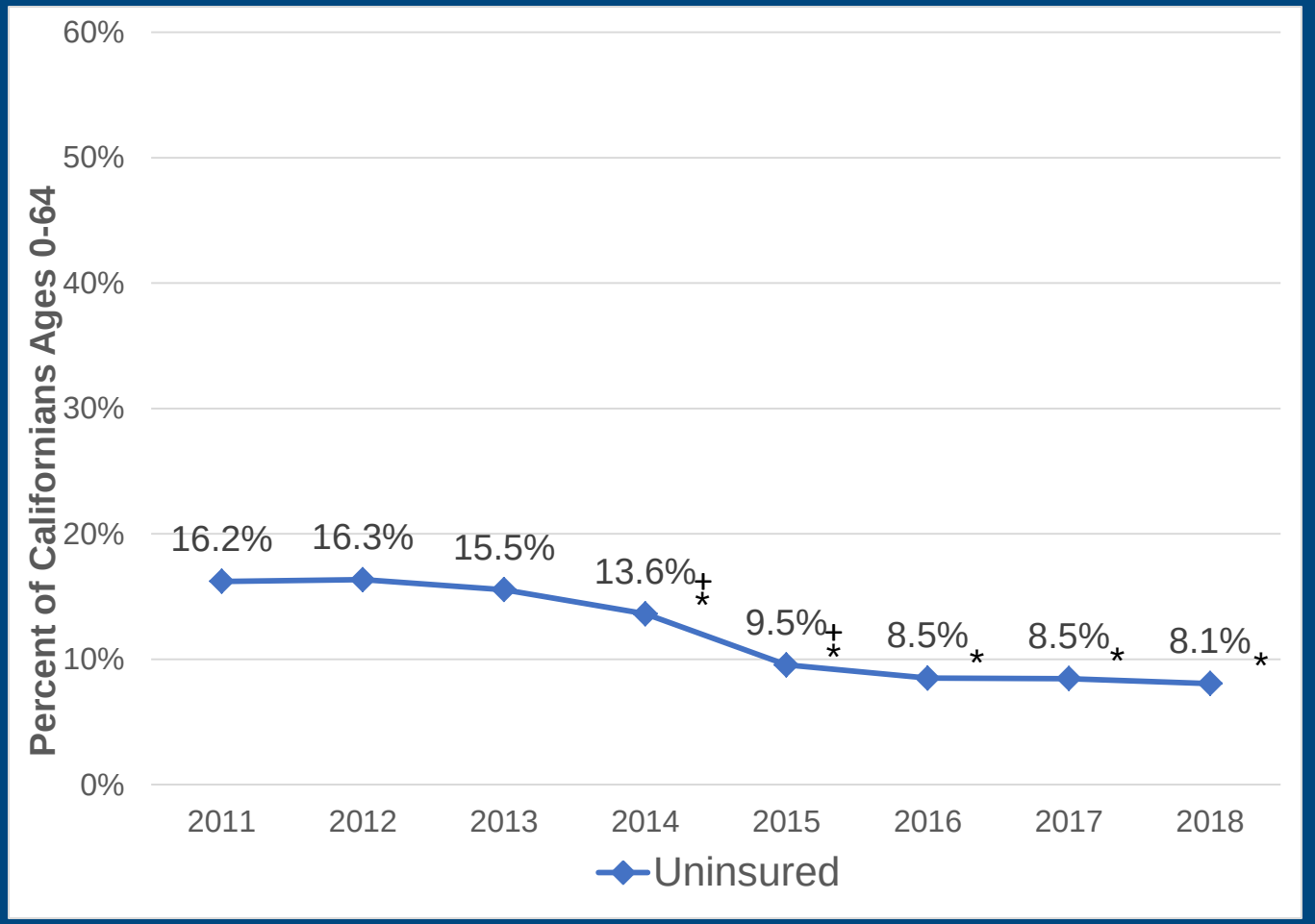
- Issue Brief: "Californians Maintain Health Insurance Coverage Despite National Trends," Tara Becker and Ninez Ponce, October 2019

- Many more publications can be found at healthpolicy.ucla.edu



Source: 2018 California Health Interview Survey

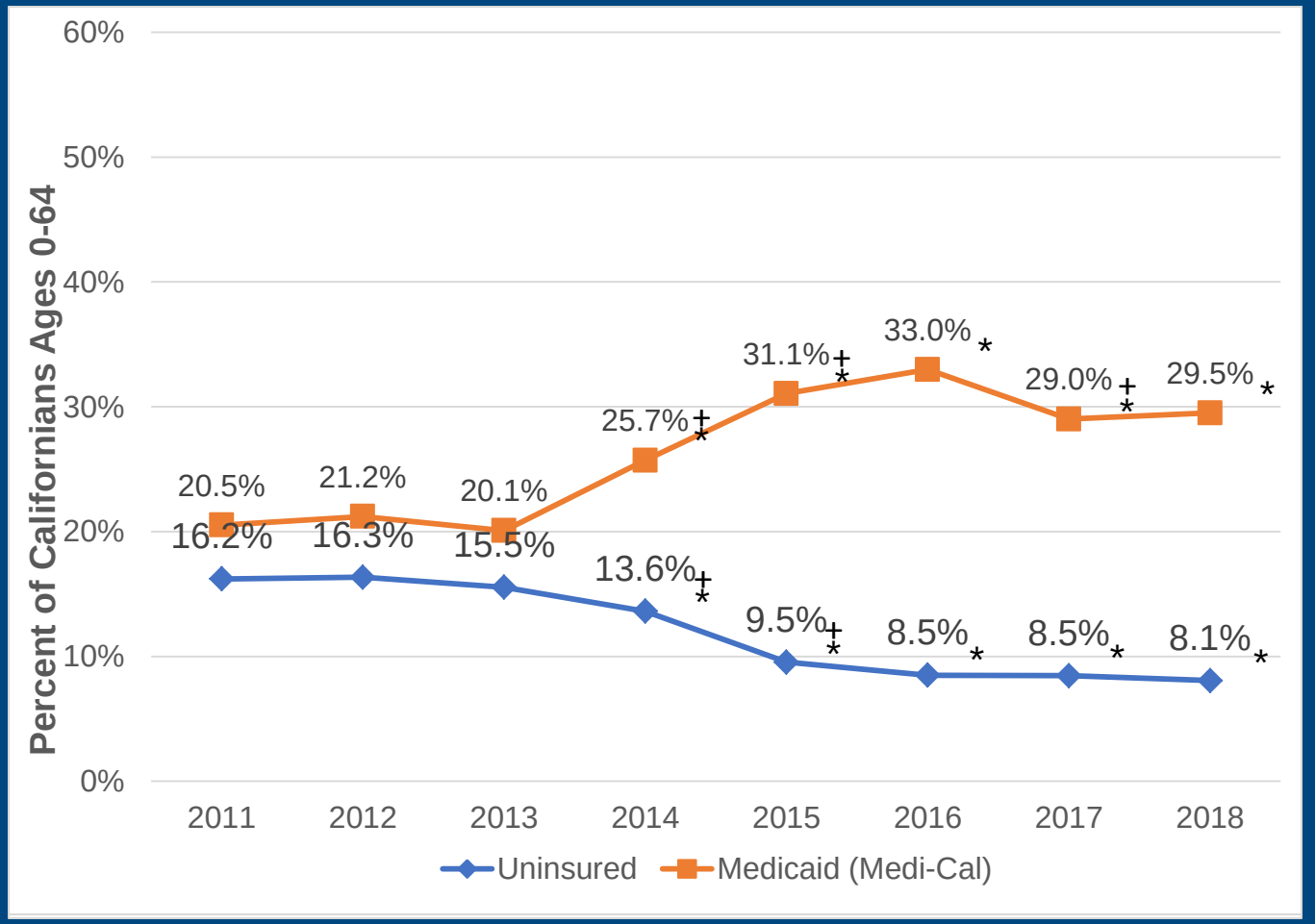
Uninsured rate among All Nonelderly Persons, Ages 0 - 64, California, 2011-2018



† Estimate differs significantly from previous year at p<0.05.
* Estimate differs significantly from 2013 at p<0.05.

Sources: 2011 – 2018 California Health Interview Surveys, Becker, Ponce, 2019

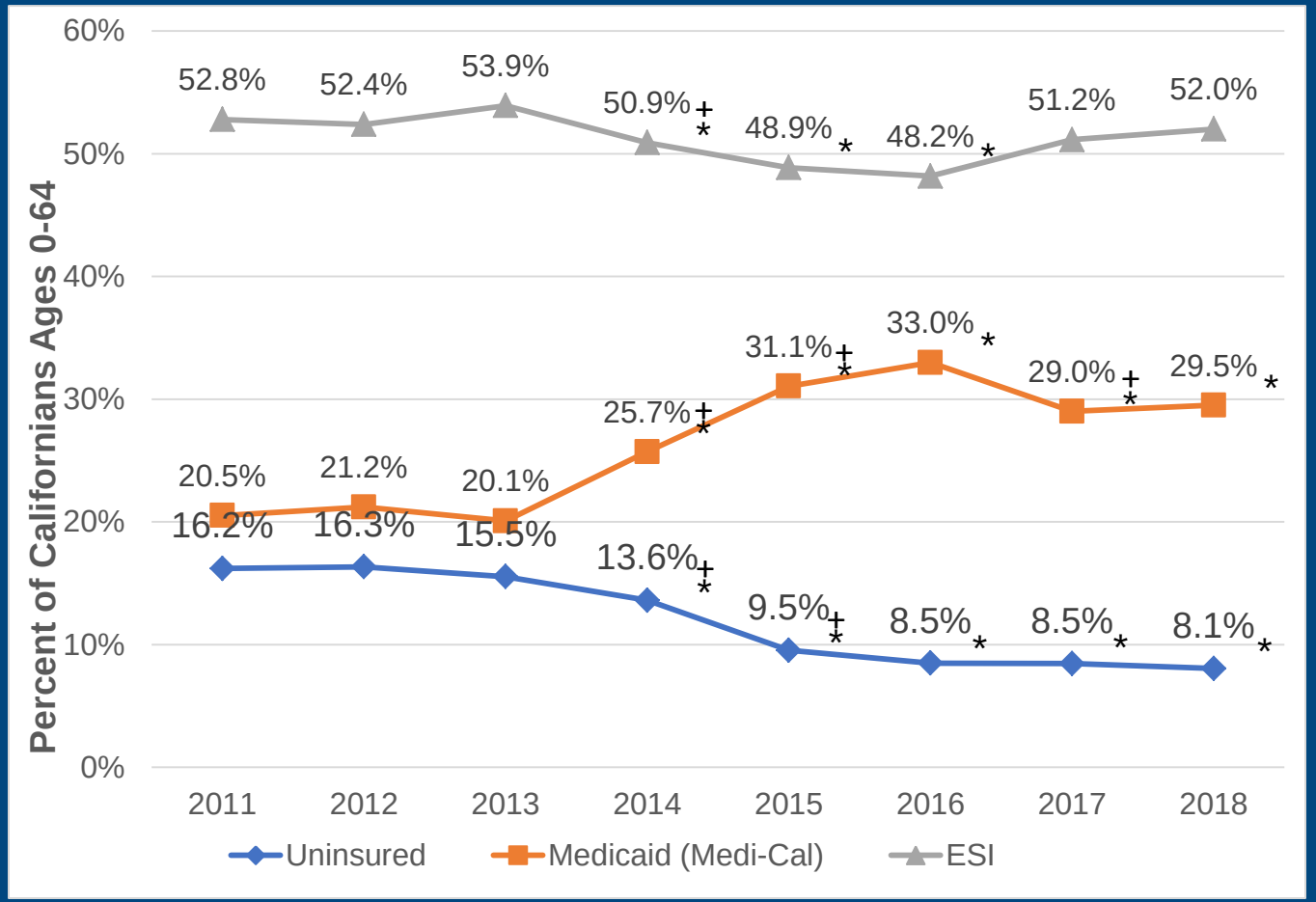
Medi-Cal and Uninsured rates among All Nonelderly Persons, Ages 0 - 64, California, 2011-2018



† Estimate differs significantly from previous year at p<0.05.
* Estimate differs significantly from 2013 at p<0.05.

Sources: 2011 – 2018 California Health Interview Surveys, Becker, Ponce, 2019

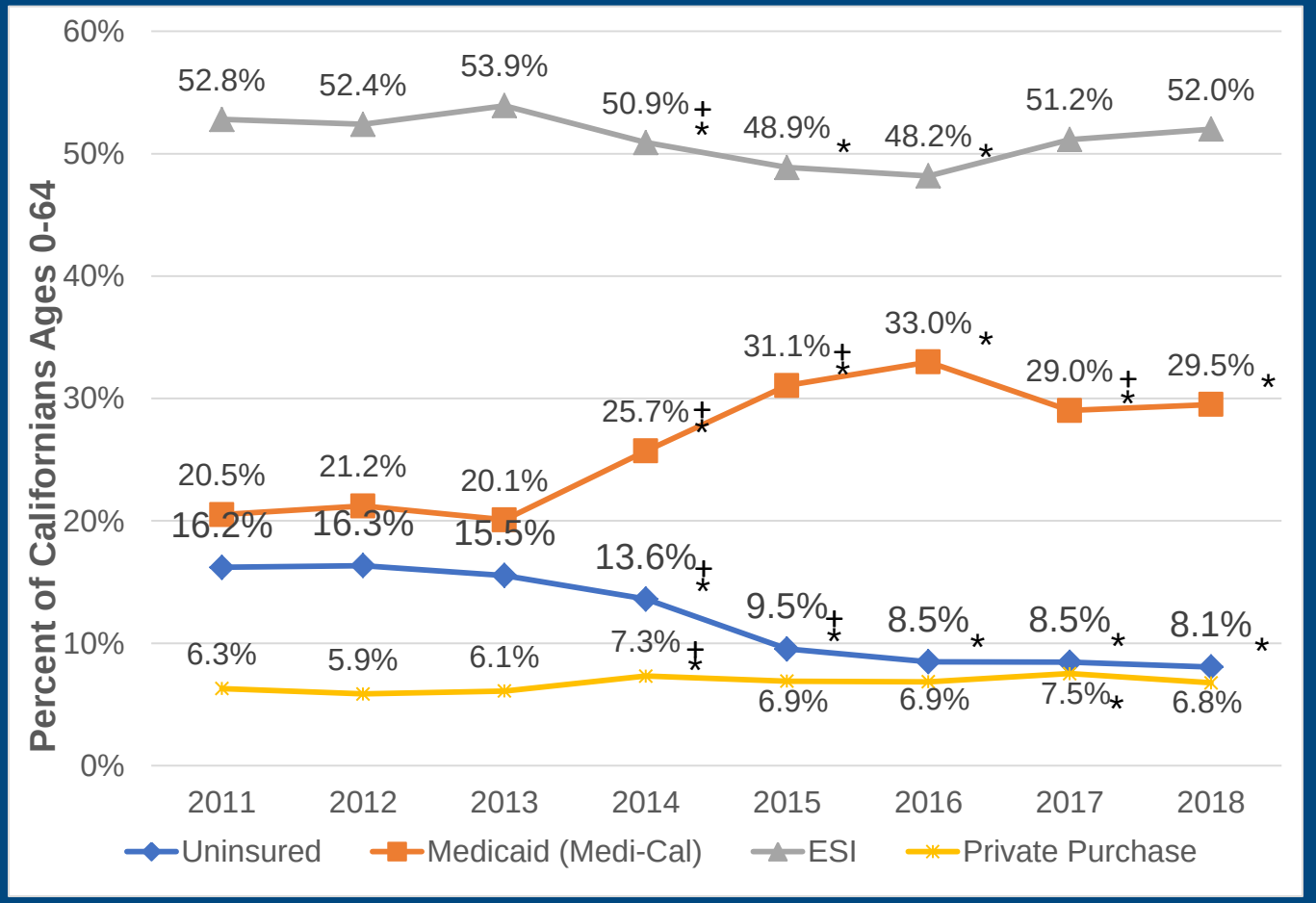
ESI, Medi-Cal and Uninsured rates among All Nonelderly Persons, Ages 0 - 64, California, 2011-2018



† Estimate differs significantly from previous year at p<0.05.
* Estimate differs significantly from 2013 at p<0.05.

Sources: 2011 – 2018 California Health Interview Surveys, Becker, Ponce, 2019

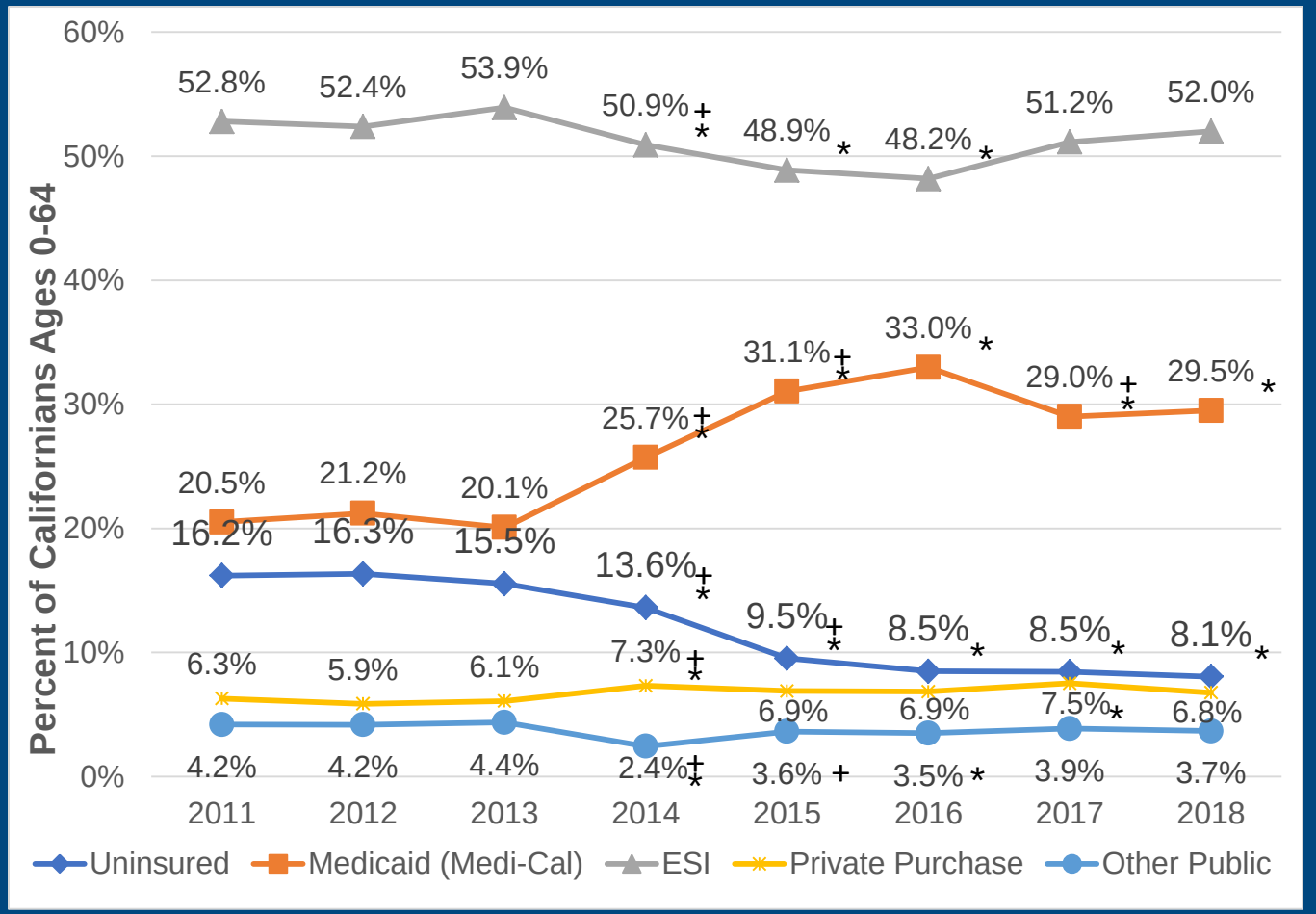
Private Purchase, ESI, Medi-Cal and Uninsured rates among All Nonelderly Persons, Ages 0 - 64, California, 2011-2018



† Estimate differs significantly from previous year at p<0.05.
* Estimate differs significantly from 2013 at p<0.05.

Sources: 2011 – 2018 California Health Interview Surveys, Becker, Ponce, 2019

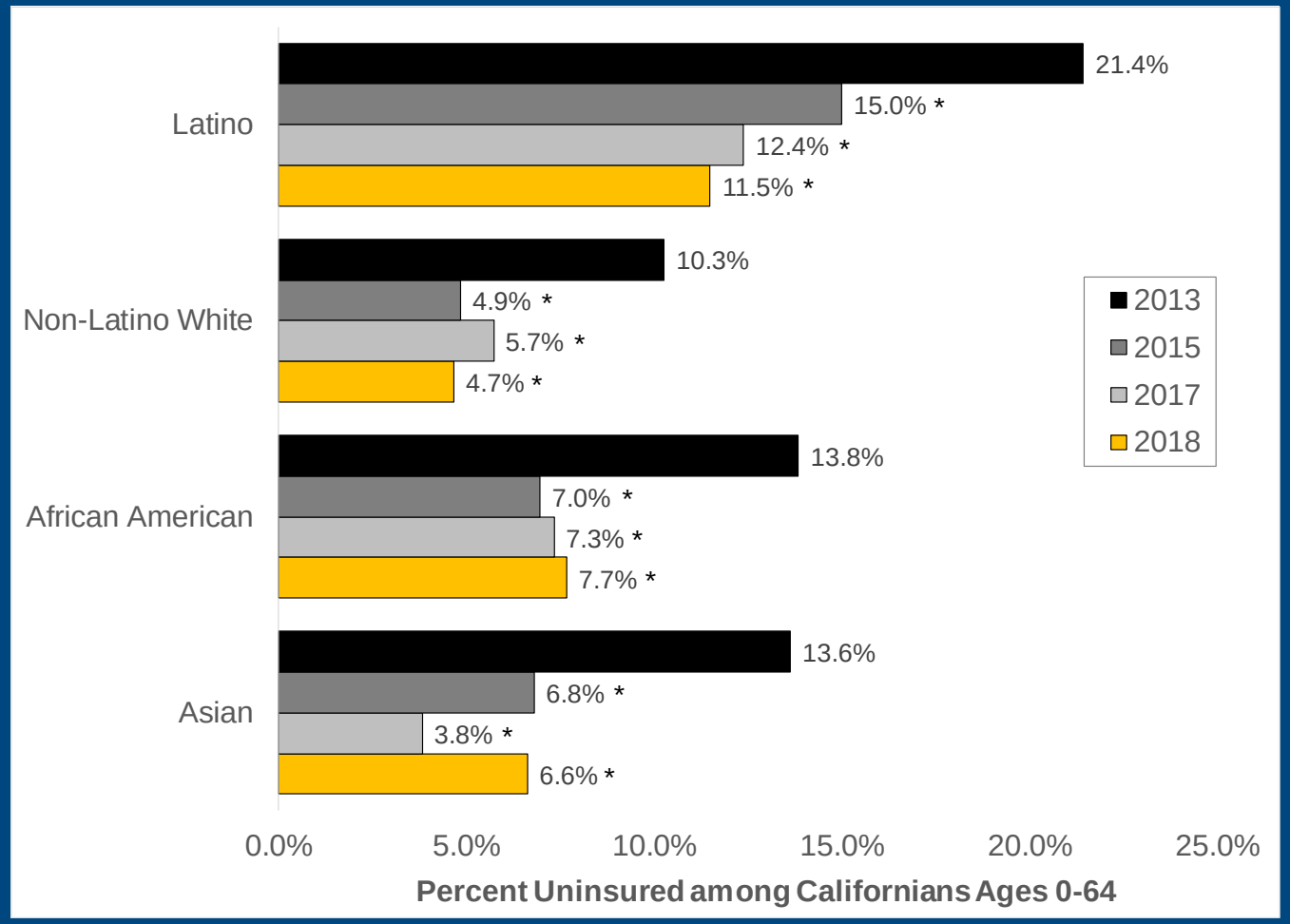
Current Health Insurance Coverage among All Nonelderly Persons, Ages 0 - 64, California, 2011-2018



† Estimate differs significantly from previous year at p<0.05.
* Estimate differs significantly from 2013 at p<0.05.

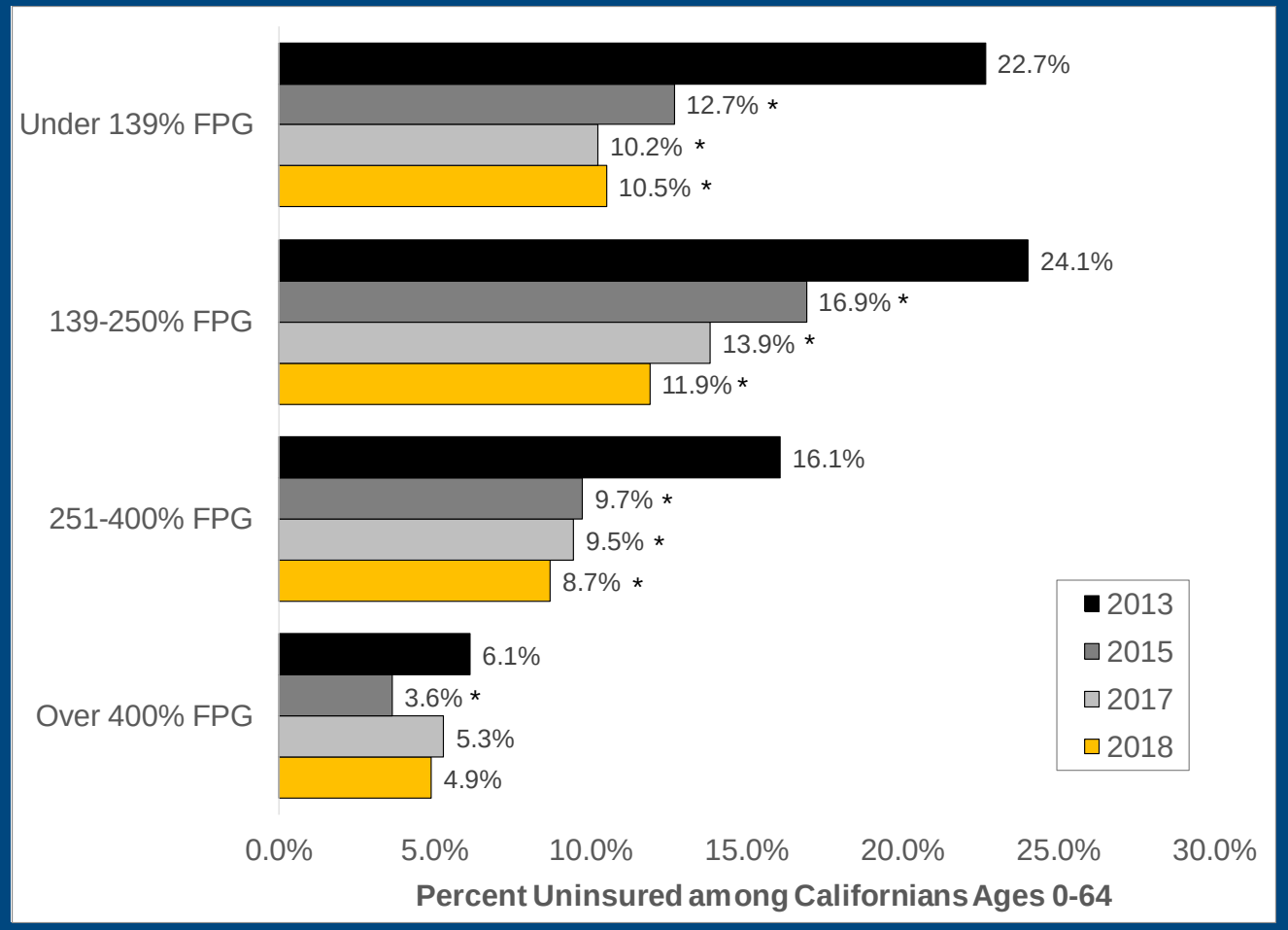
Sources: 2011 – 2018 California Health Interview Surveys, Becker, Ponce, 2019

Current Health Insurance Coverage by Race/Ethnicity among All Nonelderly Persons, Ages 0 - 64, California, 2013-2018



Sources: 2011 – 2018 California Health Interview Surveys, Becker, Ponce, 2019.
Note: Other races not included because of small sample.

Current Health Insurance Coverage by Income among All Nonelderly Persons, Ages 0 - 64, California, 2013-2018

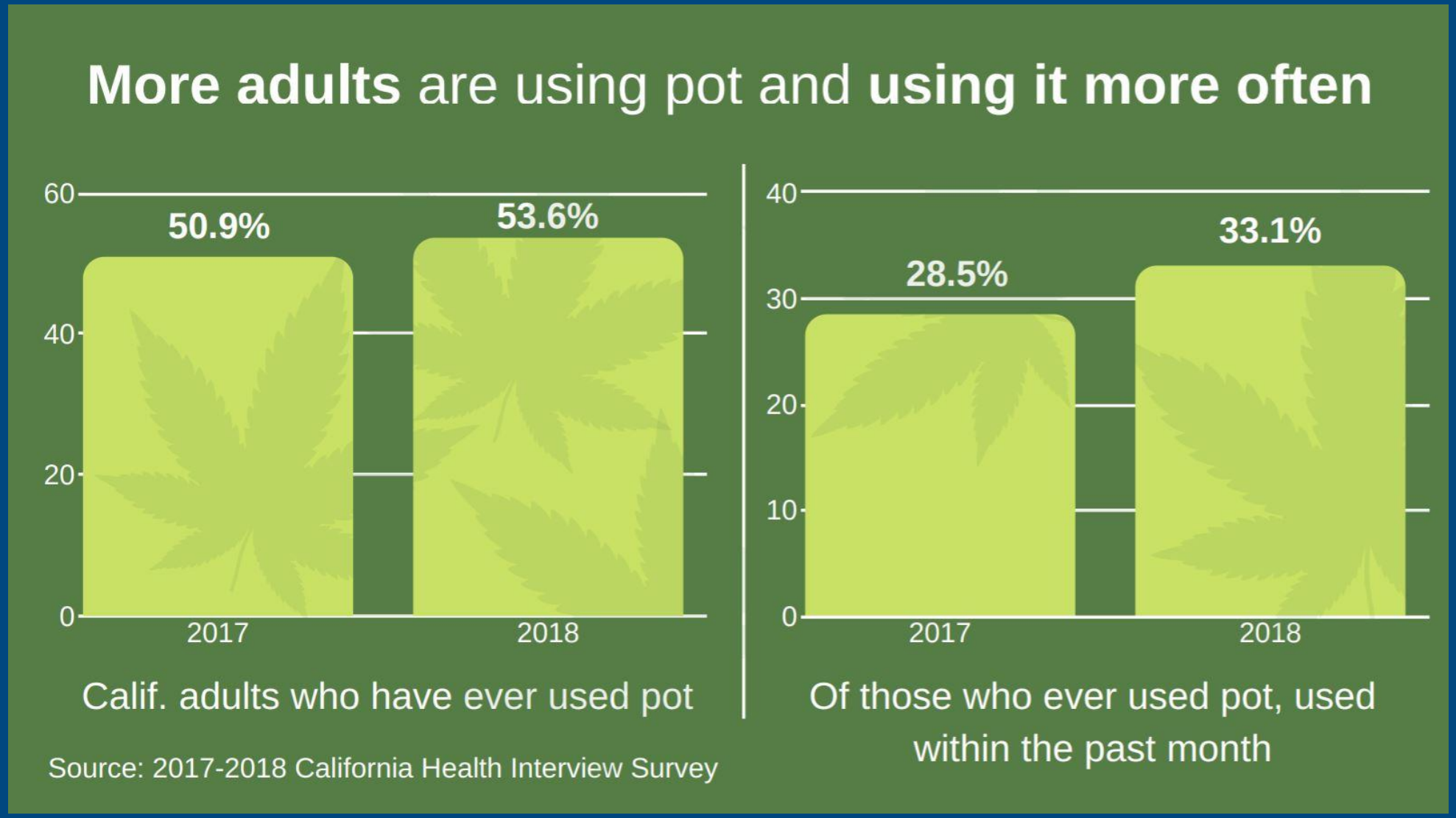


Sources: 2011 – 2018 California Health Interview Surveys, Becker, Ponce, 2019

Selected Mental Health Indicators for Adults in California, 2016-2018

	All Adults 18+			Adults Age 18-24		
Percent of adults that…	**2016**	**2017**	**2018**	**2016**	**2017**	**2018**
…likely had psychological distress in the last year	8.0	10.0*	10.9	14.2	21.1*	23.0
…needed help for emotional/mental or alcohol/drug problem in the last year	16.4	18.5*	21.2*	22.4	30.0*	33.2
…saw any healthcare provider for emotional/mental or alcohol/drug problem in the last year	13.4	15.2	16.8	14.8	21.6*	22.0
…ever seriously thought of committing suicide	9.3	11.6*	13.4*	14.1	18.6	21.4

*Statistically significant increase vs. previous year
Sources: 2016 – 2018 California Health Interview Surveys



Source: 2018 California Health Interview Survey

Percent of Adults Age 18+ that Have Used Marijuana in Past 30 Days by California County, 2018

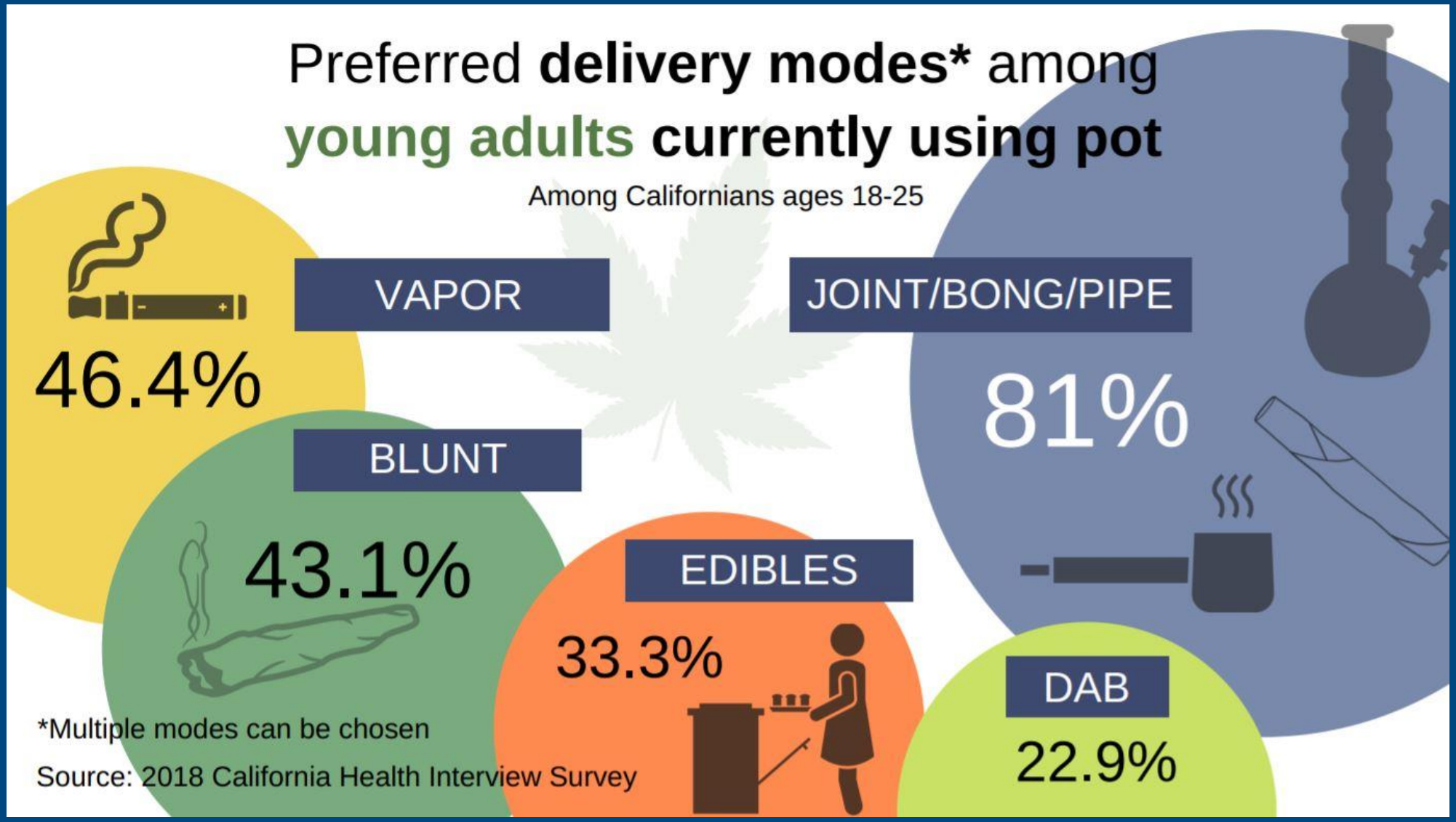
Top 10 Counties

INYO	42.0
SAN BENITO	40.6
HUMBOLDT	36.9
TUOLUMNE	36.9
CALAVERAS	34.5
SANTA CRUZ	34.4
MENDOCINO	33.1
YOLO	31.6
SAN FRANCISCO	30.2
PLUMAS	29.9

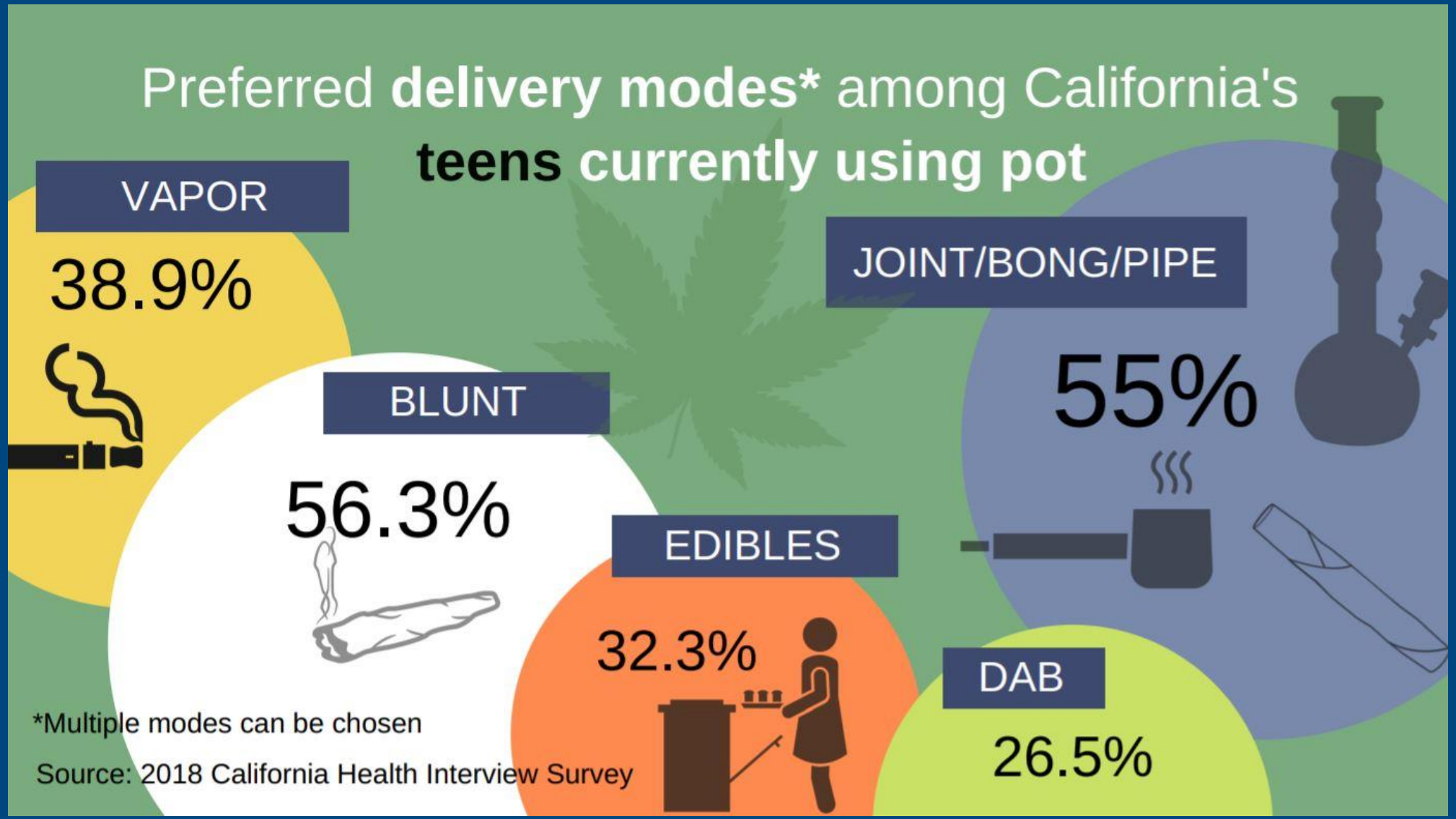
Bottom 10 Counties

IMPERIAL	8.5
TULARE	8.6
TEHAMA	12.5
SANTA CLARA	12.8
SAN BERNARDINO	13.4
MADERA	13.9
SANTA BARBARA	13.9
ORANGE	14.3
DEL NORTE	14.3
KINGS	14.8

Source: 2018 California Health Interview Survey

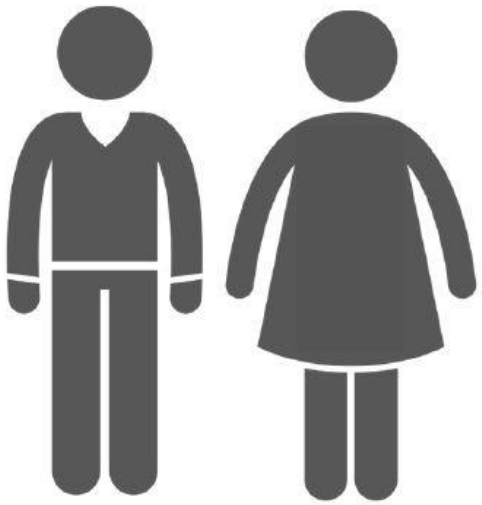


Source: 2018 California Health Interview Survey



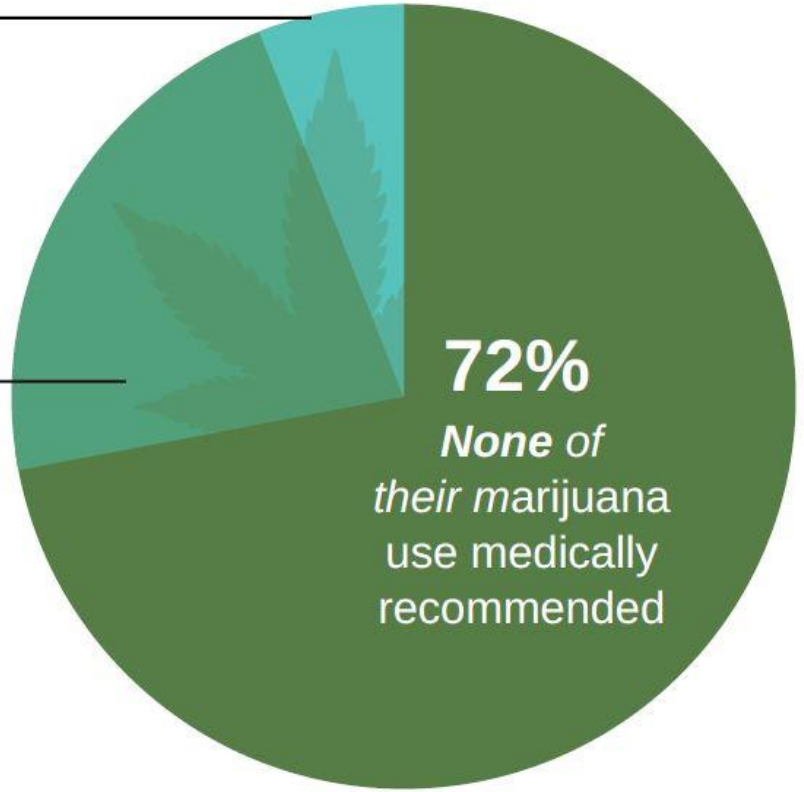
Source: 2018 California Health Interview Survey

1.2 million Californians ages 18-25 **used marijuana** in past 30 days



6%
Some *of their marijuana* use medically recommended

22%
All *of their* marijuana use medically recommended



Source: 2018 California Health Interview Survey

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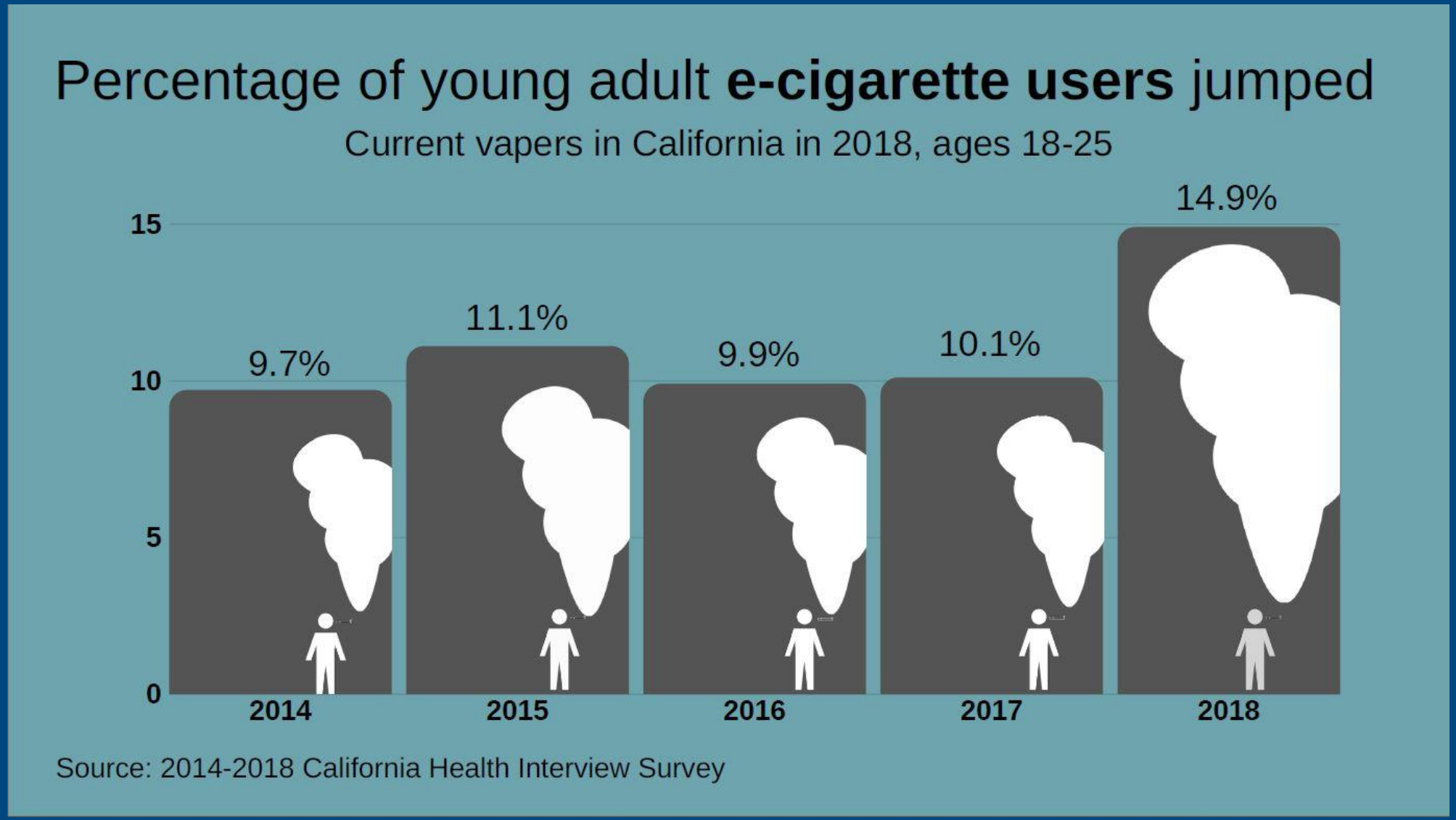

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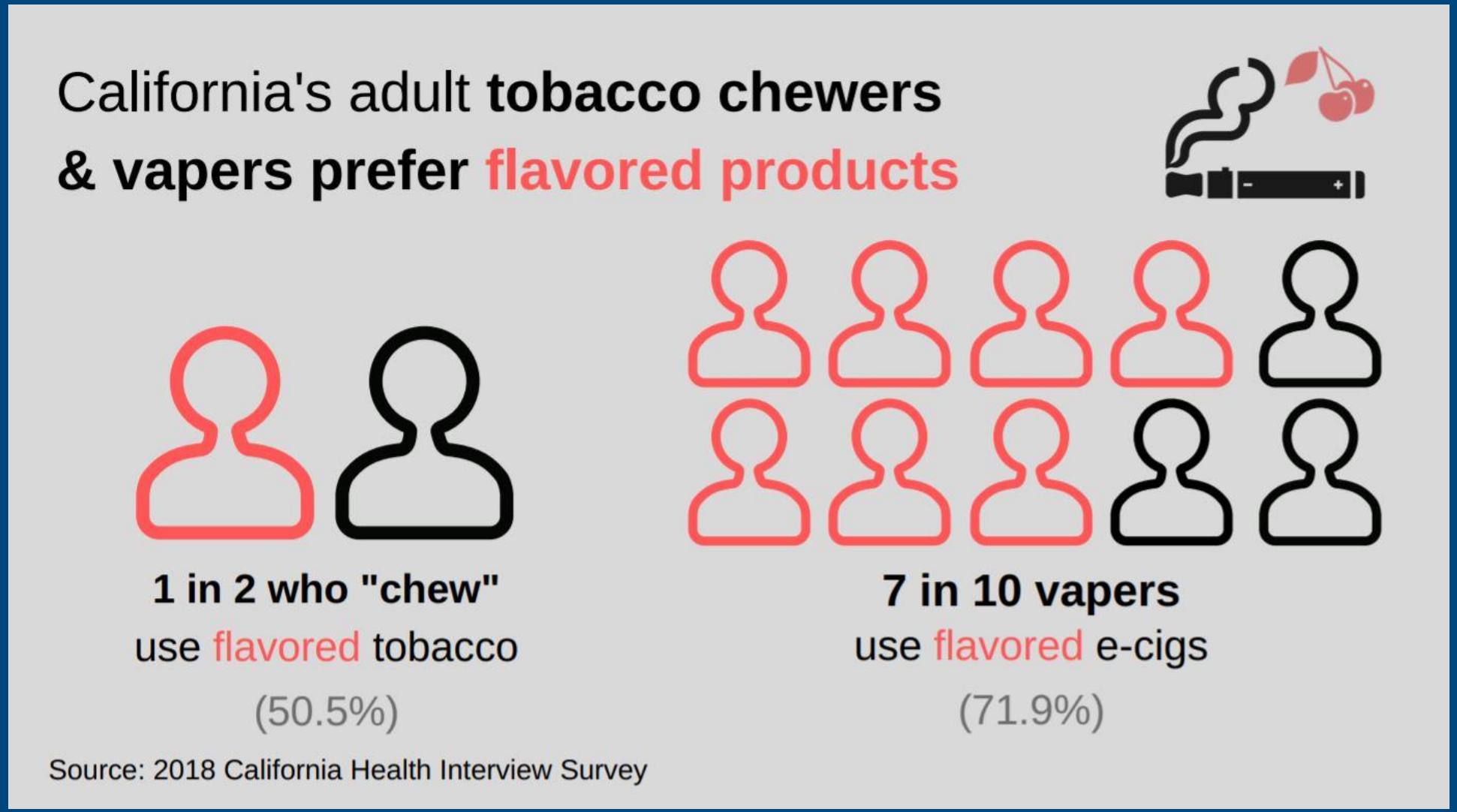
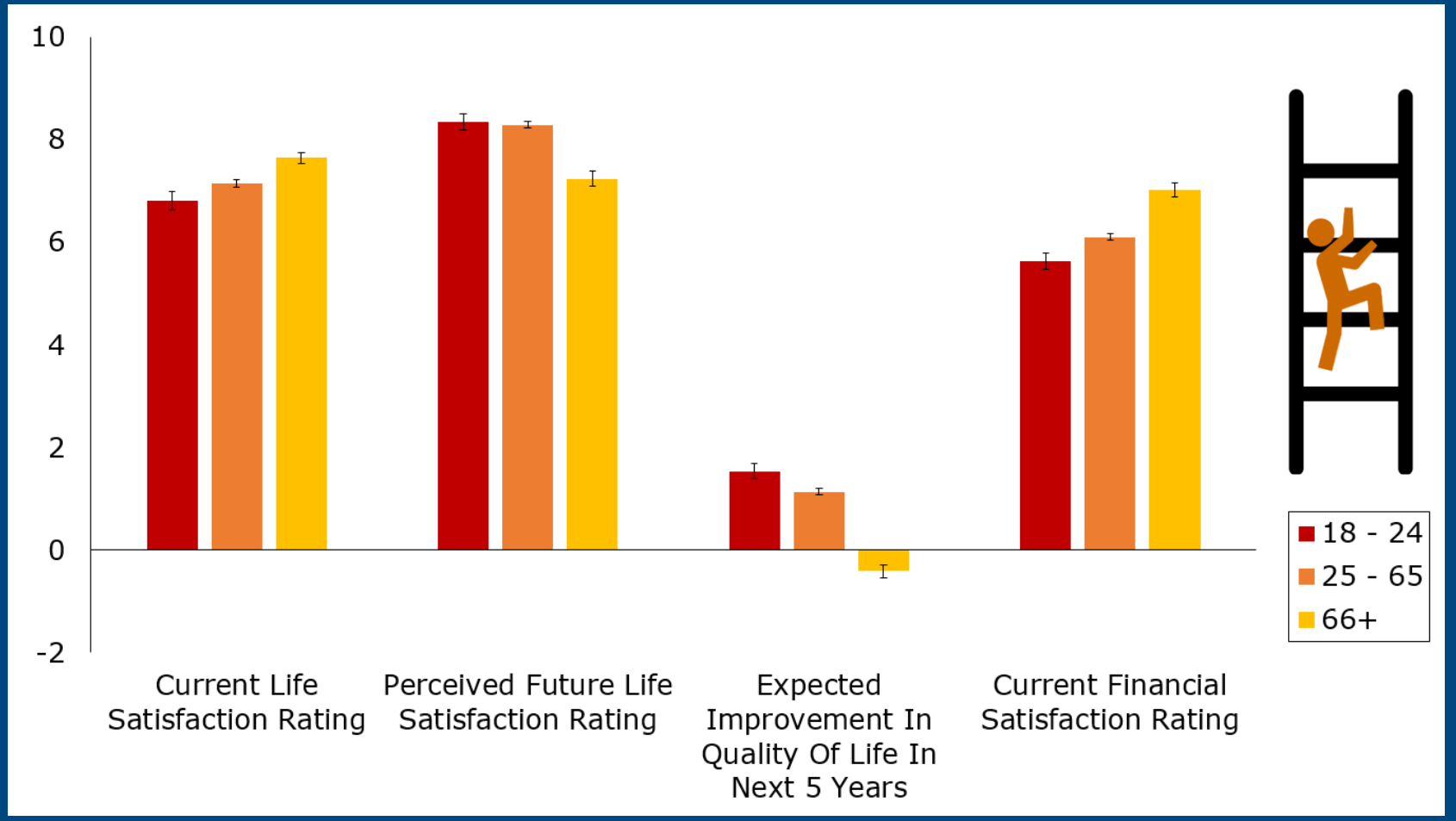


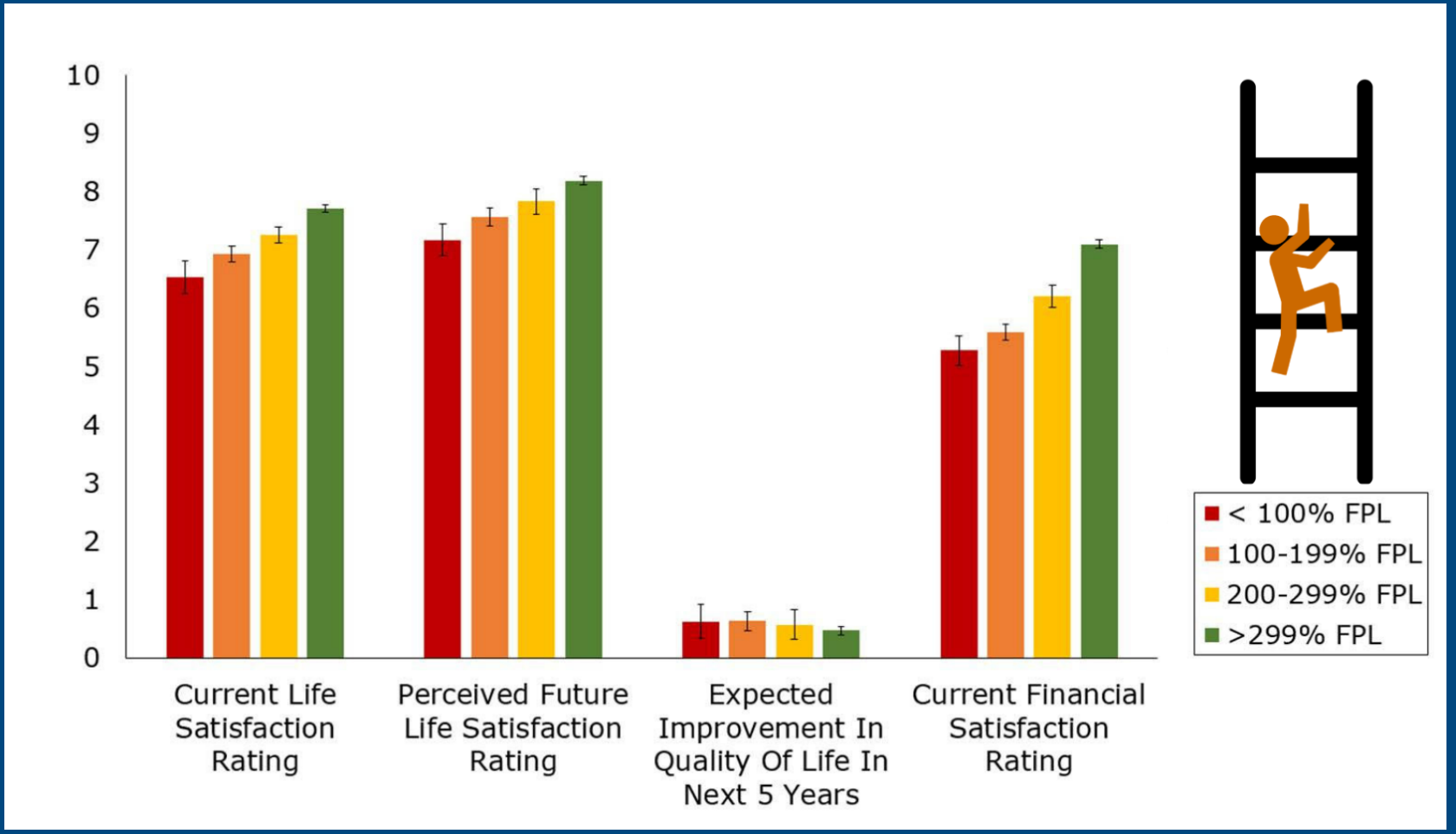
Source: 2018 California Health Interview Survey

Current and Expected Quality of Life, and Financial Quality of Life for Adults in California by Age, 2018



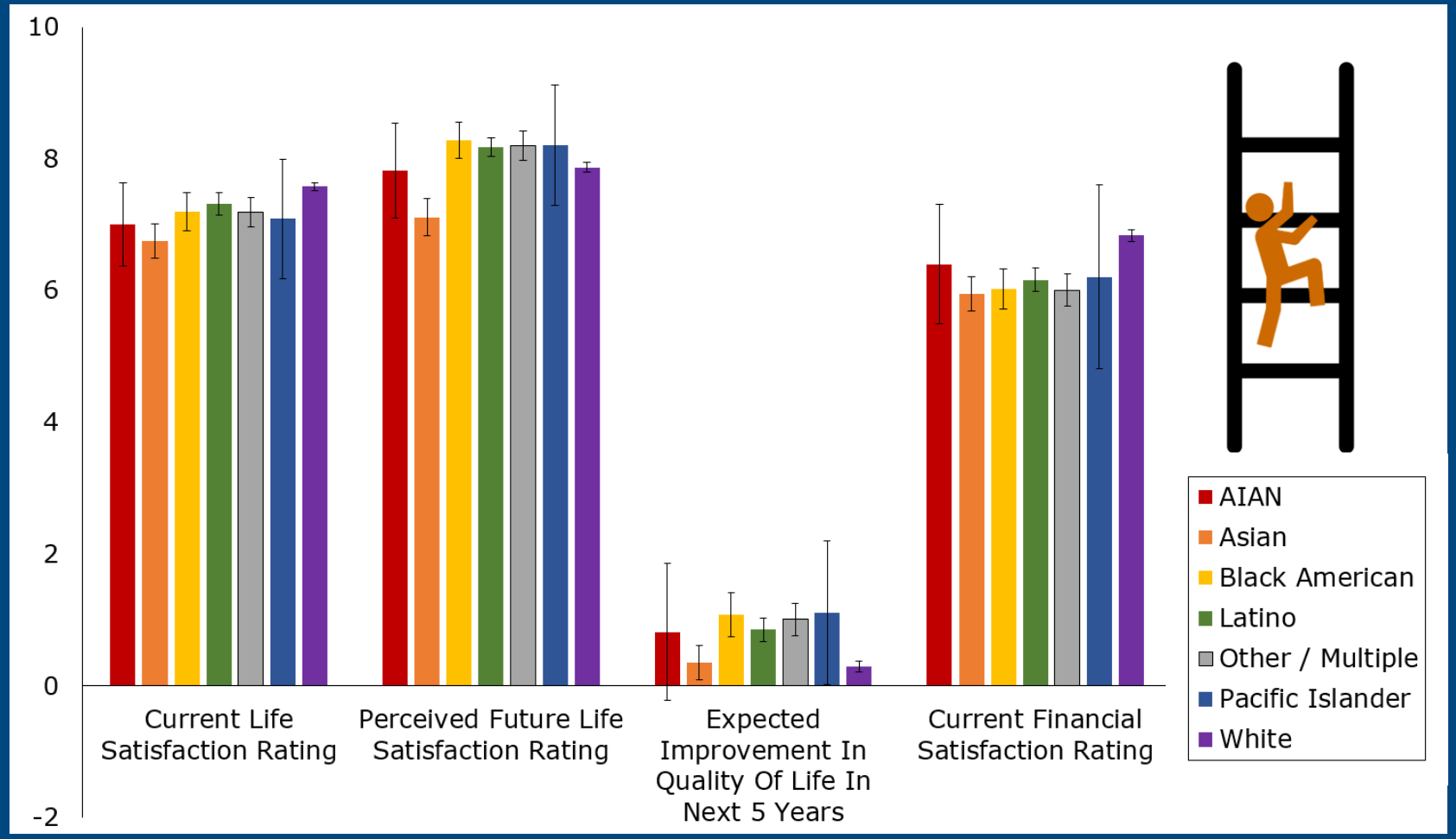
Source: 2018 California Health Interview Survey

Current and Expected Quality of Life, and Financial Quality of Life for Adults in California by Income, 2018



Source: 2018 California Health Interview Survey

Current and Expected Quality of Life, and Financial Quality of Life for Adults in California by Race/Ethnicity, 2018



Source: 2018 California Health Interview Survey

What are the CHIS dissemination aims?

1. Protect respondent confidentiality
2. Democratize access to data – put data into the hands of those who can use it
3. Reach a large and diverse audience across divides of technology, skills, and resources

CHIS Dissemination

CHIS DATA

HealthDATA – Data. Advocacy. Training. Assistance.
Health data capacity building

Data Access Center (DAC)
Secure network that holds data and analysis, protecting confidentiality.

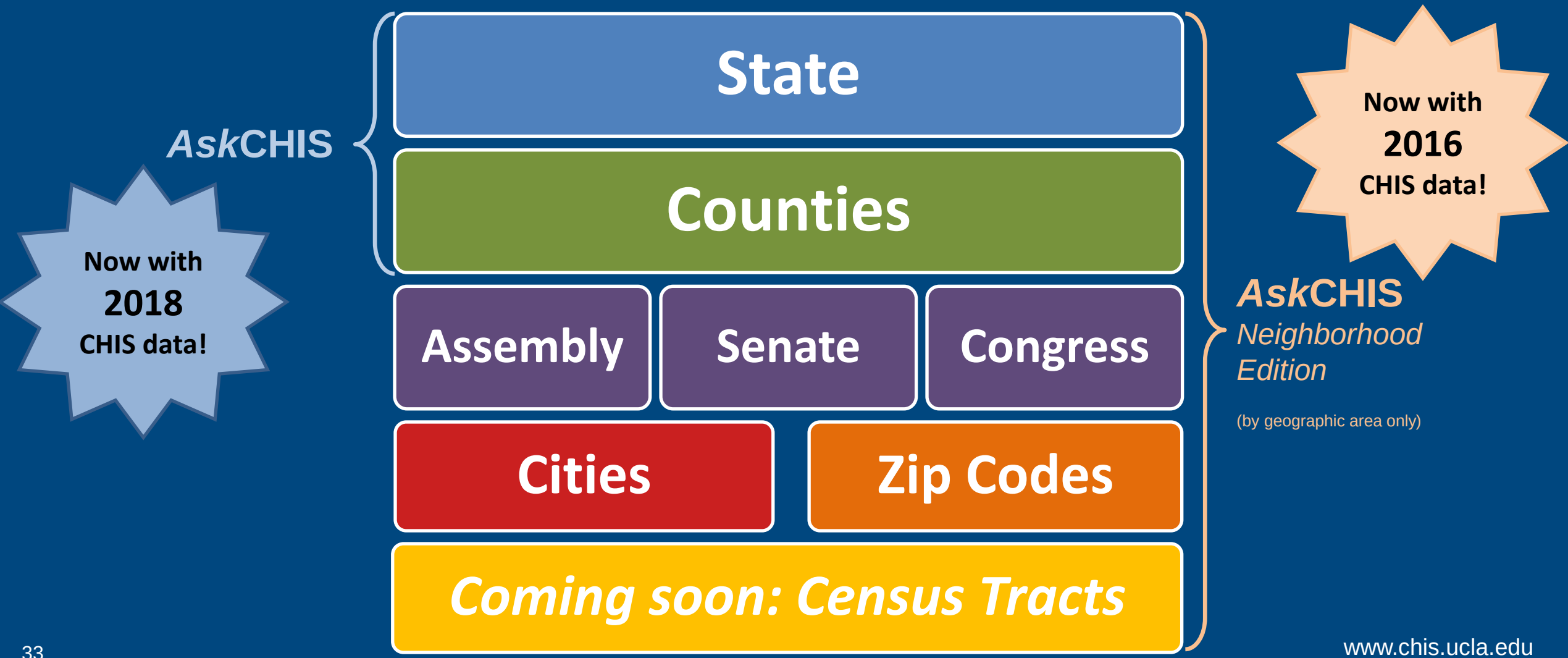
Public Use File (PUF)
Available as free download in SAS, SPSS, and STATA format.

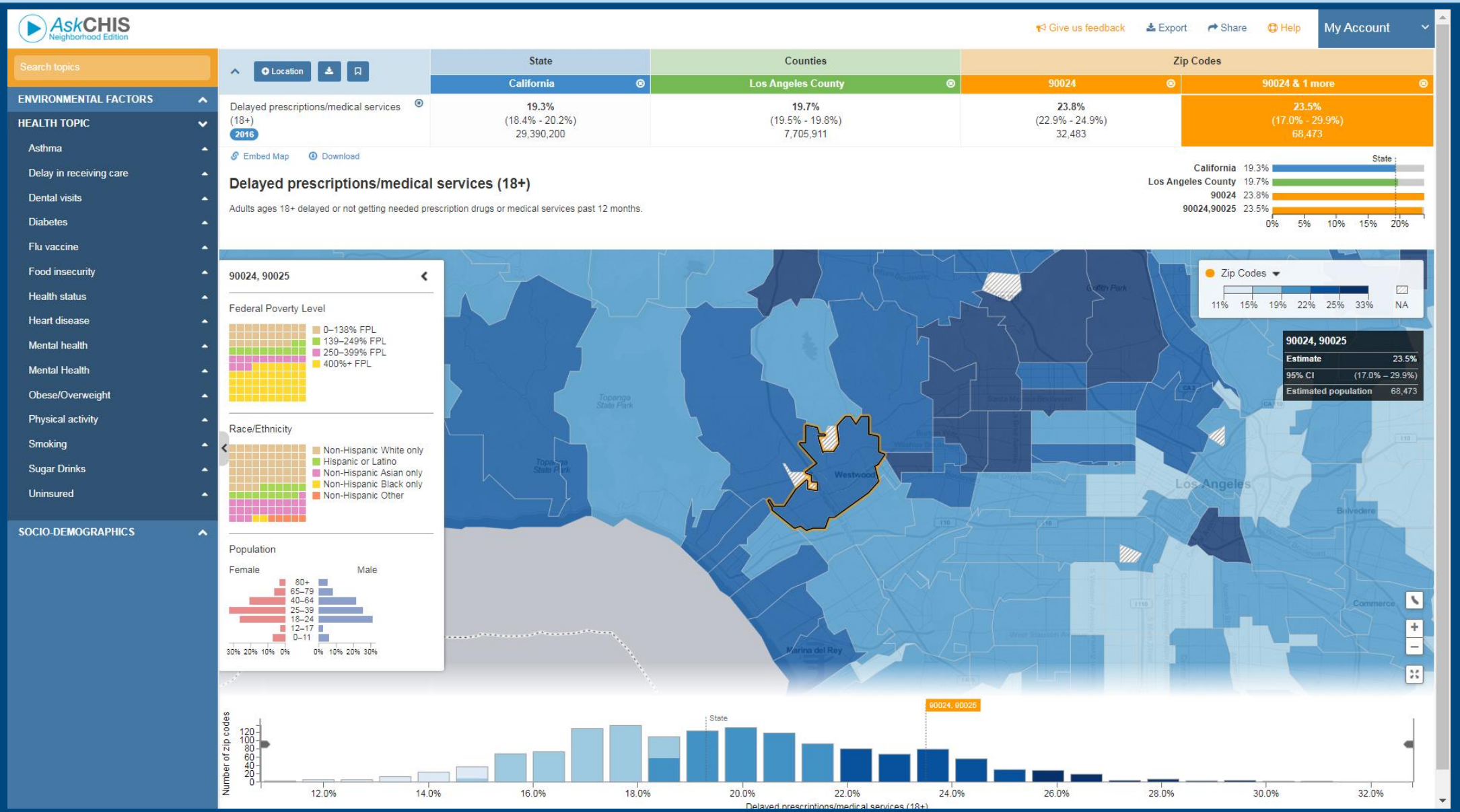
***Ask*CHIS**
Premiere online health data query tool. (Health Data All-Star – 2013)

***Ask*CHIS Neighborhood Edition and *Ask*CHIS NE en Español**
Granular health data beyond counties (Small Area Estimates).

Health Profiles
Reports on CHIS' most requested health topics.

Data Across Geographies




AskCHIS
Neighborhood Edition
Give us feedback
Export
Share
Help
My Account
Search topics
ENVIRONMENTAL FACTORS
HEALTH TOPIC
Asthma
Delay in receiving care
Dental visits
Diabetes
Flu vaccine
Food insecurity
Health status
Heart disease
Mental health
Mental Health
Obese/Overweight
Physical activity
Smoking
Sugar Drinks
Uninsured
SOCIO-DEMOGRAPHICS
Location
State
Counties
Zip Codes
California
Los Angeles County
90024
90024 & 1 more
Delayed prescriptions/medical services (18+)
2016
19.3%
(18.4% - 20.2%)
29,390,200
19.7%
(19.5% - 19.8%)
7,705,911
23.8%
(22.9% - 24.9%)
32,483
23.5%
(17.0% - 29.9%)
68,473
Embed Map
Download
Delayed prescriptions/medical services (18+)
Adults ages 18+ delayed or not getting needed prescription drugs or medical services past 12 months.
State
California 19.3%
Los Angeles County 19.7%
90024 23.8%
90024,90025 23.5%
0% 5% 10% 15% 20%
90024, 90025
Federal Poverty Level
0–138% FPL
139–249% FPL
250–399% FPL
400%+ FPL
Race/Ethnicity
Non-Hispanic White only
Hispanic or Latino
Non-Hispanic Asian only
Non-Hispanic Black only
Non-Hispanic Other
Population
Female
Male
80+
65–79
40–64
25–39
18–24
12–17
0–11
30% 20% 10% 0%
0% 10% 20% 30%
Zip Codes
11% 15% 19% 22% 25% 33% NA
90024, 90025
Estimate 23.5%
95% CI (17.0% – 29.9%)
Estimated population 68,473
Topanga State Park
Westwood
Los Angeles
Boyle Heights
Commerce
Marina del Rey
Number of zip codes
120
100
80
60
40
20
0
State
90024, 90025
12.0% 14.0% 16.0% 18.0% 20.0% 22.0% 24.0% 26.0% 28.0% 30.0% 32.0%
Delayed prescriptions/medical services (18+)

*Ask*CHIS On-Demand Learning Center

Fast, free tutorials on how to use *Ask*CHIS and *Ask*CHIS Neighborhood Edition©

http://healthpolicy.ucla.edu/chis/Pages/CHISTraining.aspx

Brief: Presented in digestible, 10-minute segments!

Simple: Designed for those who have no experience with doing a query as well as those who want to brush up on their search skills.

Available 24/7: These pre-recorded tutorials mean you can get the help you need when and how you need it!

The tutorials cover:

- How to do a basic query
- Displaying data visually
- How to export your data in a variety of formats (Excel, email, etc.)
- Confidence intervals, pooling, statistical stability and much more!

Public Use Files (PUFs) for One or Two Years

One Year (2018) CHIS PUF

- Available for download now!
- Free!
- Available as in SAS, SPSS, and STATA format
- Record-level data to use in conducting your own analysis, with reduced detailed information and removal of sensitive questions to protect confidentiality

Two Year (2017-2018) CHIS PUF

- Available in January 2020
- Free!
- Available as in SAS, SPSS, and STATA format
- Record-level data to use in conducting your own analysis, with reduced detailed information and removal of sensitive questions to protect confidentiality
- Less aggregation of response data (such as more detailed race categories) to enable more powerful analysis!
- Requires a brief, one-page application explaining use of planned analysis and requestor's contact information

Please visit us @ www.chis.ucla.edu

Special thanks to our data collection partner SSRS, our content partner PHI, the members of our Advisory Board and committees, and the rest of the UCLA CHPR CHIS Team:

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Dana Paycao
Jacob Rosalez
Maia Smith
Flor Vásquez
Brian Wells
YuChing Yang