



# THE CALIFORNIA HEALTH INTERVIEW SURVEY (CHIS)

## An Overview of the CHIS and CHIS Data Dissemination Tools

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January 20, 2022 Champion Provider Fellowship Program Webinar

[chis.ucla.edu](http://chis.ucla.edu)

## Today's Webinar:

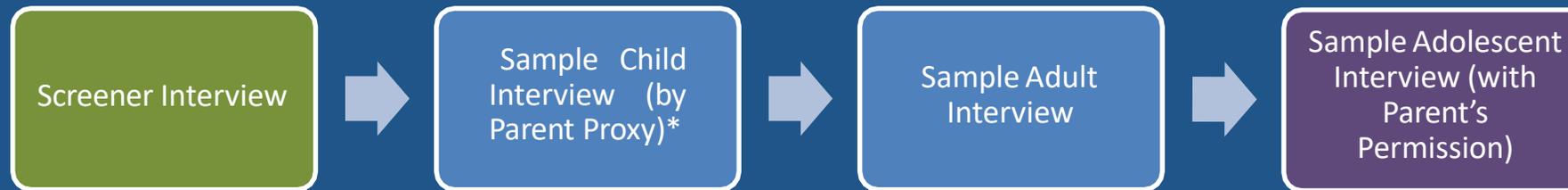
- An overview of the CHIS
- CHIS Data Dissemination Tools
- How to use the AskCHIS system to access CHIS data
- Data highlights from the 2020 CHIS
- Discussion and Q&A (>15 minutes)

## 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

## CHIS Survey

- CHIS interviews
  - An adult (age 18+) in the household, adolescent (ages 12–17) if present, and child (ages 0–11) if present

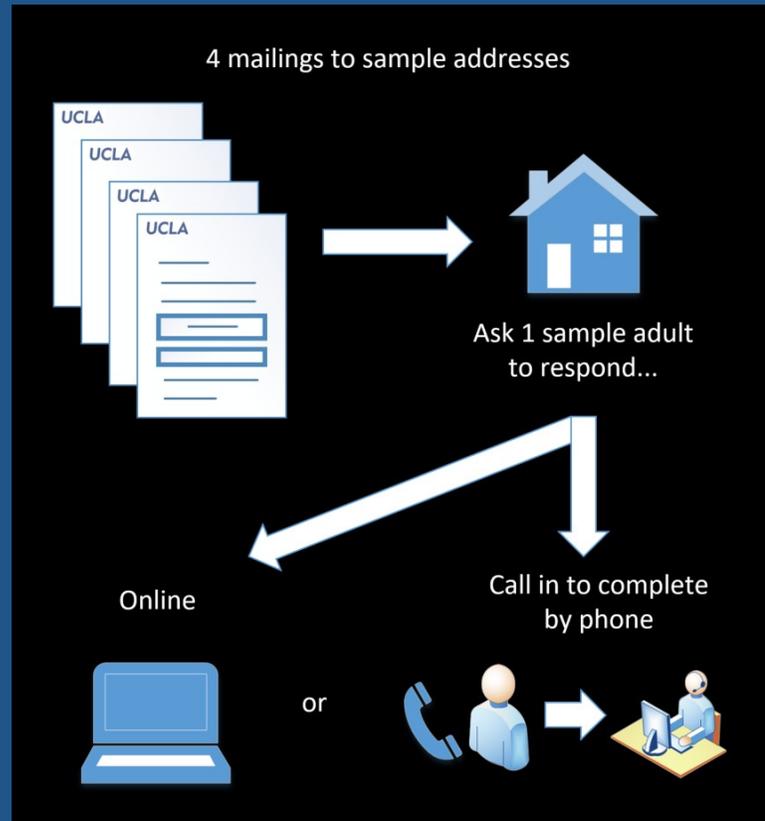


\*Completing the sample child interview first for all households is new for 2019

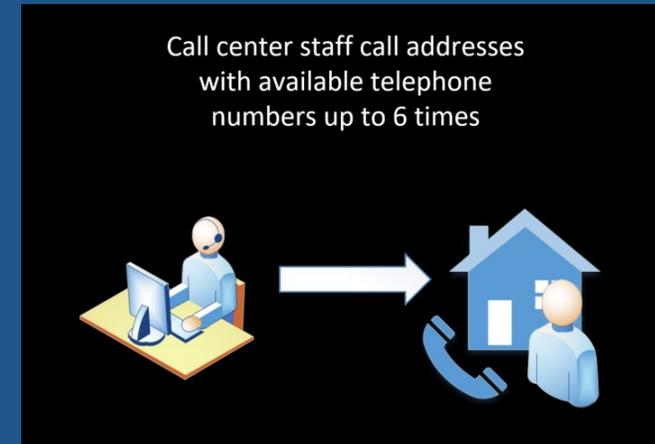
- CHIS conducted in multiple languages
  - English, Spanish, Chinese (both Cantonese and Mandarin dialects), Korean, Vietnamese, and Tagalog

# CHIS 2019–2020 Data Collection Method for Adults: Address-Based Sampling with Web and Telephone Response

## Phase 1: Push-to-Web



## Phase 2: Telephone Nonresponse Follow-up



# 2020 Data Collection Results

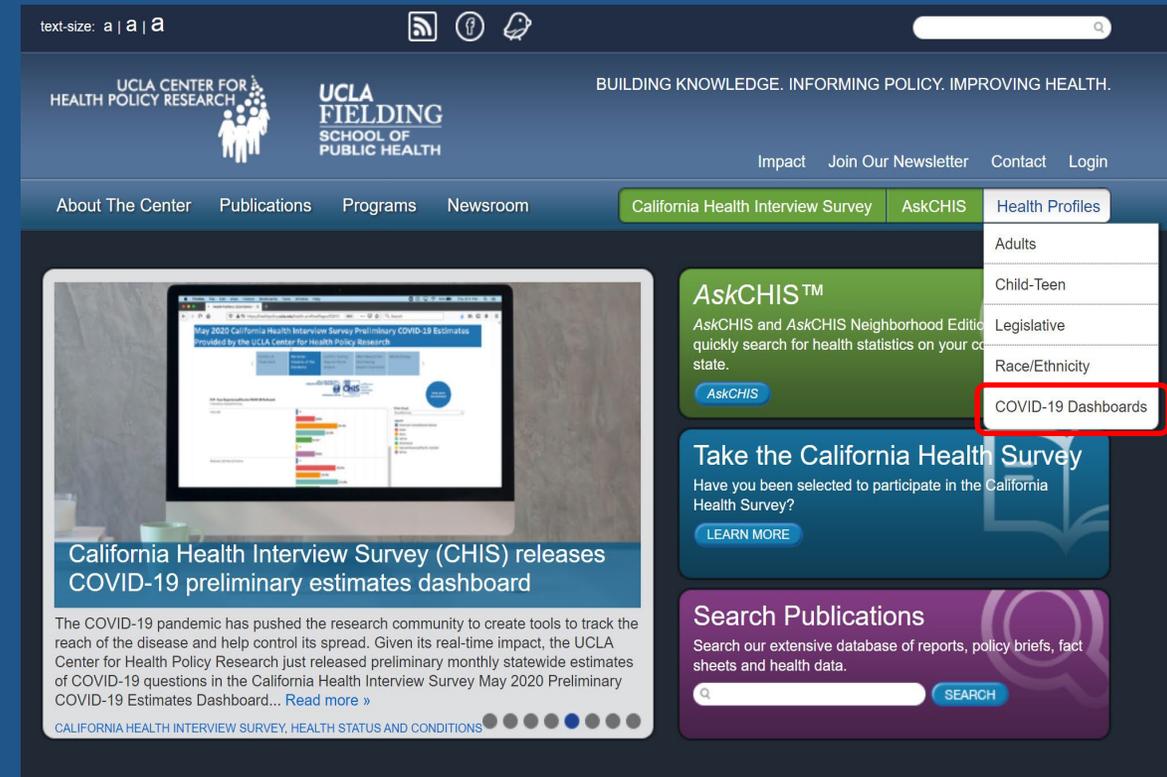
## CHIS 2020 RACIAL/ETHNIC GROUP SAMPLES BY AGE

	ADULT (Age 18+)	ADOLESCENT (Ages 12-17)	CHILD (Ages 0-11)
<b>Total Sample Size</b>	<b>21,949</b>	<b>1,365</b>	<b>3,548</b>
<b>RACE*</b>			
White	16,243	920	2,344
Asian	2,792	155	433
Native Hawaiian/Pacific Islander	54	7	14
African American	796	47	115
American Indian/Alaska Native	293	18	42
Other single race	995	71	161
Two or More Races	776	147	439
<b>LATINO ETHNICITY</b>			
Latino	4,317	446	1,267
Non-Latino	17,632	919	2,281

<http://chis.ucla.edu/methodology>

## Using CHIS to Understand the COVID-19 Pandemic

- Multiple dashboards are available:
  - **2021 and 2020 CHIS COVID-19 Preliminary Monthly Estimates**
    - *Uses 2021 and 2020 CHIS data for new survey questions regarding the COVID-19 pandemic!*
  - COVID-19 Rates and Risk Factors by California County dashboard
  - COVID-19 Rates and Risk Factors by California County data table
  - NHPI COVID-19 Data Policy Lab dashboard



The screenshot shows the CHIS website interface. At the top, there is a navigation bar with the UCLA Center for Health Policy Research logo and the text 'BUILDING KNOWLEDGE. INFORMING POLICY. IMPROVING HEALTH.'. Below this, there are links for 'Impact', 'Join Our Newsletter', 'Contact', and 'Login'. A secondary navigation bar contains 'About The Center', 'Publications', 'Programs', 'Newsroom', 'California Health Interview Survey', 'AskCHIS', and 'Health Profiles'. A dropdown menu is open under 'Health Profiles', listing 'Adults', 'Child-Teen', 'Legislative', 'Race/Ethnicity', and 'COVID-19 Dashboards'. The 'COVID-19 Dashboards' option is highlighted with a red box. Below the navigation, there is a featured article titled 'California Health Interview Survey (CHIS) releases COVID-19 preliminary estimates dashboard' with a sub-headline 'May 2020 California Health Interview Survey Preliminary COVID-19 Estimates Provided by the UCLA Center for Health Policy Research'. The article text mentions that the UCLA Center for Health Policy Research just released preliminary monthly statewide estimates of COVID-19 questions in the California Health Interview Survey May 2020 Preliminary COVID-19 Estimates Dashboard. To the right of the article, there is an 'AskCHIS' section with a search bar and a 'Take the California Health Survey' section with a 'LEARN MORE' button. At the bottom right, there is a 'Search Publications' section with a search bar and a 'SEARCH' button.

# 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.

### AskCHIS

Premier online health data query tool. (Health Data All-Star – 2013)

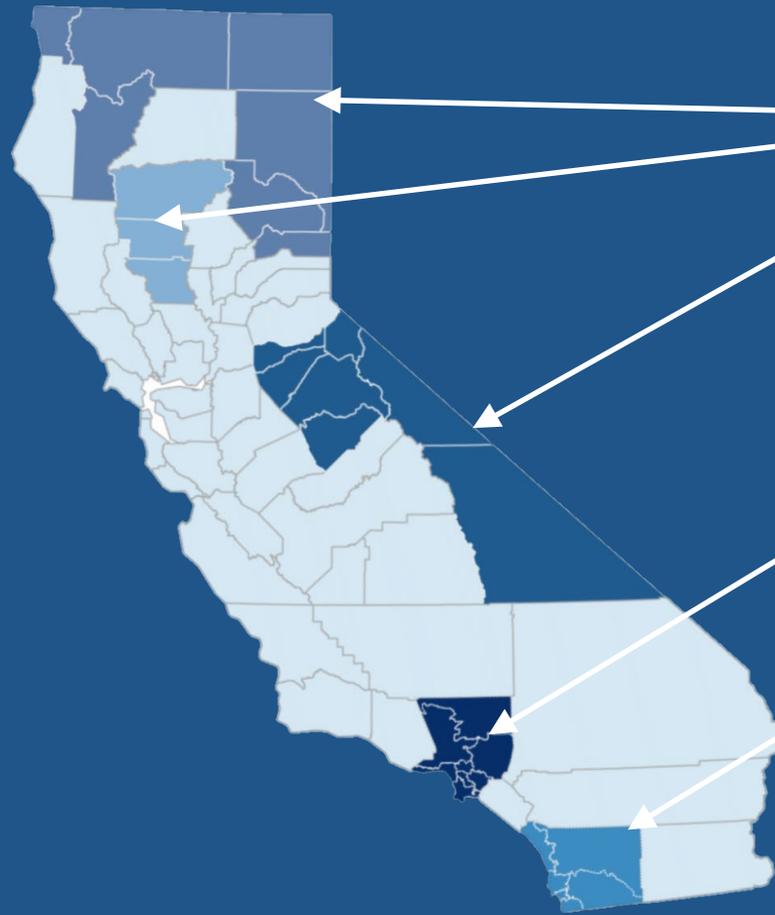
### AskCHIS Neighborhood Edition and AskCHIS NE en Español

Granular health data beyond counties (Small Area Estimates).

### Health Profiles

Reports on CHIS' most requested health topics.

## Geographic Sample Design to Produce Direct Estimates for Each Sampling Stratum



- 56 total geographically defined strata
- 3 grouped county strata containing the 17 smallest counties (by population)
- 2 counties with sub-county strata
  - Los Angeles: 8 Service Planning Areas (SPAs)
  - San Diego: 6 Health Regions
- Remaining 39 counties each form their own individual strata
- Lower levels of geography require 2 years of data to produce modeled estimates

# Data Across Geographies

AskCHIS

State

Counties (56 Sampling Strata)

Assembly

Senate

Congress

Cities

Zip Codes

*Now Available: Census Tracts*

Now with  
**2020**  
CHIS data!

2019-  
2020 CHIS  
data  
coming in  
mid-2022

AskCHIS  
*Neighborhood  
Edition*  
(Updated every  
two years)

# Census Tract Estimates in AskCHIS Neighborhood Edition

Selected Tracts (4): San Joaquin County Tract 0033.06, San Joaquin County Tract 0033.07, San Joaquin County Tract 0033.05, San Joaquin County Tract 0033.10

Search for a census tract by address...

	State	Cities	Tracts	
	California	Stockton	San Joaquin County Tract 0033.06	Census Tract Group 1
Ever diagnosed with diabetes (18+) 2016	9.7% (9.0% - 10.4%) 29,390,200	12.9% (12.4% - 13.2%) 191,500	14.1% (13.5% - 14.5%) 2,900	13.9% (12.2% - 15.7%) 11,700
Needed help for mental health problems (18+) 2016	16.9% (15.9% - 17.9%) 29,390,200	17.1% (16.2% - 17.5%) 191,500	19.0% (17.9% - 19.4%) 2,900	18.7% (15.7% - 21.6%) 11,700

Embed Map Download

**Needed help for mental health problems (18+)**

Adult respondents ages 18+ who needed help for emotional/mental or alcohol/drug problem in past 12 months.

Location	Percentage
California	16.9%
Stockton	17.1%
San Joaquin County Tract 0033.06	19.0%

San Joaquin Tract 0033.05 ... San Joaquin Tract 0033.10

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

San Joaquin Tract 0033.05 ... San Joaquin Tract 0033.10

Estimate 18.7%

95% CI (15.7% - 21.6%)

Estimated population 11,700

# Demonstration of How to Use AskCHIS to Create Custom Data Tables

- Access the system at [ask.chis.ucla.edu](http://ask.chis.ucla.edu)
- Create a free account
- Go through the sequential steps below to create your custom data tables



The screenshot shows the AskCHIS interface with a navigation bar at the top containing the logo and links for 'Give us feedback', 'Clean/Start New Query', 'My Library', and 'Sign Out'. Below the navigation bar is a horizontal flowchart with five steps: 'Geographic Area', 'Topic', 'Compare Topics', 'Limit Population', and 'Years'. Each step is represented by a chevron-shaped box pointing to the right. Below each step is a corresponding input field. The 'Geographic Area' field contains the text 'State' and a pencil icon. The 'Topic' field is highlighted in yellow and labeled 'required'. The 'Compare Topics' field is labeled 'optional'. The 'Limit Population' field is labeled 'optional'. The 'Years' field is highlighted in yellow and labeled 'required'. To the right of the flowchart is a large orange button with a refresh icon and the text 'Get Data'.

Step	Requirement
Geographic Area	optional
Topic	required
Compare Topics	optional
Limit Population	optional
Years	required

# Select Your Geographic Area of Interest

## Select a Geographic Area

Search all of California

Counties and Regions

Los Angeles County Service Plan Areas (SPA)

San Diego County Health Regions



Los Angeles County Service Plan Areas (SPA) [View map of Los Angeles SPAs](#)

Antelope Valley

San Fernando

San Gabriel Valley

Metro

West Area

South

East Area

South Bay

Next >

# Select Your Topic and Indicator of Interest

## Select a Topic ⓘ

Search

Select a Category

Health Status

COVID-19

Health Conditions (not Cancer)

Cancer and Cancer Prevention

Health Behaviors

Women's Health

**Oral Health**

Access & Utilization

Health Insurance

Mental and Emotional Health

Public Program Participation

Demographic

Oral Health

Oral Health



**Time since last dental visit**

listed under: **Oral Health / Oral Health**

Multiple years up to: **2020**

Age groups: **Child**



**Time since last dental visit**

listed under: **Oral Health / Oral Health**

Multiple years up to: **2020**

Age groups: **Adult**

Years: **2013, 2014, 2016, 2017, 2018, 2019, 2020**

Age groups included:

**Adult**

Results are displayed for the following levels:

**Never been to dentist**

**6 months ago or less**

**More than 6 months up to 1 year ago**

**More than 1 year up to 2 years ago**

< Previous

Next >

# Select Your Comparison Topic and Indicator (Optional)

## Compare a Topic ?

Common Comparisons

Search

Select a Category

Health Status

COVID-19

Health Conditions (not Cancer)

Cancer and Cancer Prevention

Health Behaviors

Women's Health

Oral Health

Access & Utilization

Health Insurance

Mental and Emotional Health

Public Program Participation

Demographic

Age & Gender

Language

Race/Ethnicity

Family & Marital Status

Education

Employment

Income & Poverty

Residency in US

Sexual Orientation & Gender Identity

Military Service



Poverty Level

listed under: **Demographic / Income & Poverty**

Multiple years up to: **2020**

Age groups: **Child Teen Adult**

Years: **2001, 2003, 2005, 2007, 2009, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020**

Age groups included:

**Child**

**Teen**

**Adult**

Results are displayed for the following levels:

**0-99% FPL**

**100-199% FPL**

**200-299% FPL**

**300% FPL and above**

∨ more

Demographic

< Previous

Skip

Next >

## Select Your Limiting Populations (Optional)

### Limit Population ⓘ

#### Age in years ⓘ

include all ages

Select an age range:

From  -  To

#### Gender

include both genders

- Male  
 Female

#### Race - OMB/Department of Finance ⓘ

include all races

- Latino  
 White (non-latino)  
 Black or African American (non-latino)  
 American-Indian/Alaska Native (non-latino)  
 Asian (non-latino)  
 Native Hawaiian/Pacific Islander (non-latino)  
 Two or More Races (non-latino)

#### Federal Poverty Level - Continuous ⓘ

include all FPL

Select a FPL range:

From  -  To

< Previous

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Previously Used Custom Population Filters

## Consider Pooling or Collapsing to Increase Statistical Stability

### Statistically Unstable

Your query result includes statistically unstable estimates (denoted by \*). CHIS generally recommends against reporting or relying on estimates that are statistically unstable. To help stabilize estimates, you may combine two or more years of data and/or collapse levels:

- **Pooling years:** under the Years feature, select the years you want to combine followed by the Pool multi-year option.
- **Collapsing topics:** select the Adjust Layout drop down where you can collapse topic categories. When comparing by a second topic, the Adjust Layout drop down provides the option to collapse topics for either or both indicators using the Collapse Topic and Collapse Compare Topic features.

Please note, for dichotomous/binary variables with low or high values (i.e., below 10% or above 90%) it may be reasonable to report the estimate if the confidence interval range is acceptable to data users, e.g., reporting estimates with confidence limits within +/- 5%. Read more about this guideline [here](#).

Don't show me the warning again in this session.

OK

## Select Multiple Years for Comparison or Pooling

Geographic Area	Topic	Compare Topics	Limit Population	Years	Get Data
Los Angeles County Service Planning Areas (SPA) (South)	Time since last dental visit	Poverty Level	Race - OMB/Department of Finance (Latino, Black or African American (non-I ...	Pooling: 2019, 2020	

### Choose a Time Period

Multi-year options:  Compare  Pool

<input checked="" type="checkbox"/> 2020	<input type="checkbox"/> 2009
<input checked="" type="checkbox"/> 2019	<input type="checkbox"/> 2007
<input type="checkbox"/> 2018	<input type="checkbox"/> 2005
<input type="checkbox"/> 2017	<input type="checkbox"/> 2003
<input type="checkbox"/> 2016	<input type="checkbox"/> 2001
<input type="checkbox"/> 2015	
<input type="checkbox"/> 2014	

[< Previous](#) [Next >](#)

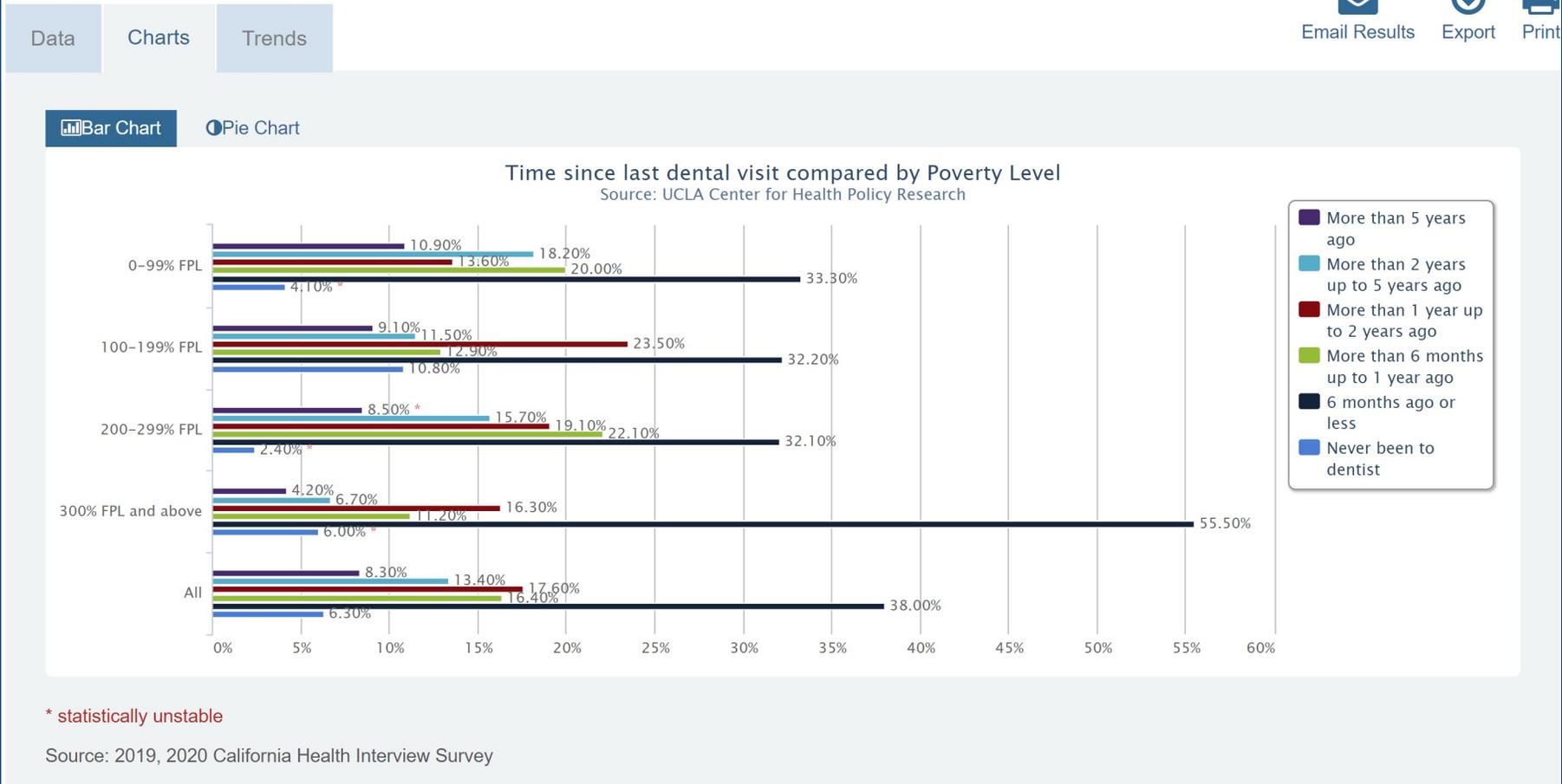
## Get Data!

Time since last dental visit	Poverty Level				
	0-99% FPL	100-199% FPL	200-299% FPL	300% FPL and above	All
Never been to dentist	4.1% * ( 1.4 - 6.8 ) 9,000	10.8% ( 6.3 - 15.2 ) 20,000	2.4% * ( 0.0 - 5.4 ) 3,000	6.0% * ( 0.0 - 15.0 ) 11,000	<b>6.3%</b> <b>( 3.8 - 8.7 )</b> <b>43,000</b>
6 months ago or less	33.3% ( 24.9 - 41.6 ) 75,000	32.2% ( 23.3 - 41.0 ) 58,000	32.1% ( 20.3 - 43.9 ) 38,000	55.5% ( 46.1 - 65.0 ) 91,000	<b>38.0%</b> <b>( 33.2 - 42.8 )</b> <b>262,000</b>
More than 6 months up to 1 year ago	20.0% ( 12.2 - 27.7 ) 45,000	12.9% ( 8.1 - 17.8 ) 23,000	22.1% ( 12.9 - 31.4 ) 26,000	11.2% ( 6.6 - 15.9 ) 19,000	<b>16.4%</b> <b>( 12.9 - 19.9 )</b> <b>113,000</b>
More than 1 year up to 2 years ago	13.6% ( 6.7 - 20.5 ) 31,000	23.5% ( 14.4 - 32.7 ) 44,000	19.1% ( 10.2 - 28.1 ) 22,000	16.3% ( 8.4 - 24.1 ) 25,000	<b>17.6%</b> <b>( 13.4 - 21.8 )</b> <b>122,000</b>
More than 2 years up to 5 years ago	18.2% ( 9.0 - 27.4 ) 41,000	11.5% ( 6.2 - 16.9 ) 21,000	15.7% ( 6.9 - 24.6 ) 19,000	6.7% ( 3.1 - 10.3 ) 12,000	<b>13.4%</b> <b>( 9.7 - 17.2 )</b> <b>93,000</b>
More than 5 years ago	10.9% ( 4.7 - 17.1 ) 25,000	9.1% ( 3.9 - 14.2 ) 16,000	8.5% * ( 1.1 - 15.8 ) 9,000	4.2% ( 1.8 - 6.7 ) 7,000	<b>8.3%</b> <b>( 5.5 - 11.1 )</b> <b>57,000</b>
<b>Total</b>	<b>100.0%</b> <b>226,000</b>	<b>100.0%</b> <b>182,000</b>	<b>100.0%</b> <b>117,000</b>	<b>100.0%</b> <b>165,000</b>	<b>100.0%</b> <b>690,000</b>

\* statistically unstable

# View Data in Bar Chart or Pie Chart Formats, or Pick a Response Category to View Trends Across Years

## ↻ Your Data Results



## Export Data Table to Excel

### Time since last dental visit compared by Poverty Level

Race - OMB/Department of Finance ( Latino, Black or African American (non-latino), American-Indian/Alaska Native (non-latino), Asian (non-latino), Native Hawaiian/Pacific Islander (non-latino), Two or More Races (non-latino) )

Los Angeles County Service Planning Areas (SPA) (South)

\* = statistically unstable

#### Poverty Level

Time since last dental visit	0-99% FPL			100-199% FPL			200-299% FPL			300% FPL and above			All		
	%	95% CI	Population	%	95% CI	Population	%	95% CI	Population	%	95% CI	Population	%	95% CI	Population
Never been to dentist	4.1*	1.4 - 6.8	9,000	10.8%	6.3 - 15.2	20,000	2.4*	0 - 5.4	3,000	6.0*	0 - 15.0	11,000	6.3%	3.8 - 8.7	43,000
6 months ago or less	33.3%	24.9 - 41.6	75,000	32.2%	23.3 - 41.0	58,000	32.1%	20.3 - 43.9	38,000	55.5%	46.1 - 65.0	91,000	38.0%	33.2 - 42.8	262,000
More than 6 months up to 1 year ago	20.0%	12.2 - 27.7	45,000	12.9%	8.1 - 17.8	23,000	22.1%	12.9 - 31.4	26,000	11.2%	6.6 - 15.9	19,000	16.4%	12.9 - 19.9	113,000
More than 1 year up to 2 years ago	13.6%	6.7 - 20.5	31,000	23.5%	14.4 - 32.7	44,000	19.1%	10.2 - 28.1	22,000	16.3%	8.4 - 24.1	25,000	17.6%	13.4 - 21.8	122,000
More than 2 years up to 5 years ago	18.2%	9.0 - 27.4	41,000	11.5%	6.2 - 16.9	21,000	15.7%	6.9 - 24.6	19,000	6.7%	3.1 - 10.3	12,000	13.4%	9.7 - 17.2	93,000
More than 5 years ago	10.9%	4.7 - 17.1	25,000	9.1%	3.9 - 14.2	16,000	8.5*	1.1 - 15.8	9,000	4.2%	1.8 - 6.7	7,000	8.3%	5.5 - 11.1	57,000
<b>Total</b>	<b>100.0%</b>	<b>-</b>	<b>226,000</b>	<b>100.0%</b>	<b>-</b>	<b>182,000</b>	<b>100.0%</b>	<b>-</b>	<b>117,000</b>	<b>100.0%</b>	<b>-</b>	<b>165,000</b>	<b>100.0%</b>	<b>-</b>	<b>690,000</b>

Created on: 12/29/2021 2:49 PM

Source: 2019, 2020 California Health Interview Survey

# AskCHIS On-Demand Learning Center

Fast, free tutorials on how to use  
AskCHIS and AskCHIS Neighborhood Edition®

<http://chis.ucla.edu/CHIStraining>

**Brief:** Digestible, 10-minute segments!

**Simple:** Designed for those who have no experience or those who want to brush up on their skills.

**Available 24/7:** You can get the help you need when and how you need it!

**AskCHIS Neighborhood Edition Trainings:**

-  Introduction to AskCHIS NE  
AskCHIS Neighborhood Edition allows you to access hyper-local California health data, including ZIP code, legislative district, city and more!
-  How to build a basic Community Profile  
Learn how to select a health topic and up to five hyper-local geographical locations.
-  How to adjust and visualize your data  
Learn how to adjust results, visualize your data, and more!

## The tutorials cover:

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

# HIGHLIGHTS FROM THE 2020 CHIS



**Essential workers were more likely to have had or thought they had COVID-19, but less willing to receive the vaccine**

*Ever had or thought they had COVID-19*



**15.1%**  
Essential  
workers



**12.1%**  
Non-essential  
workers

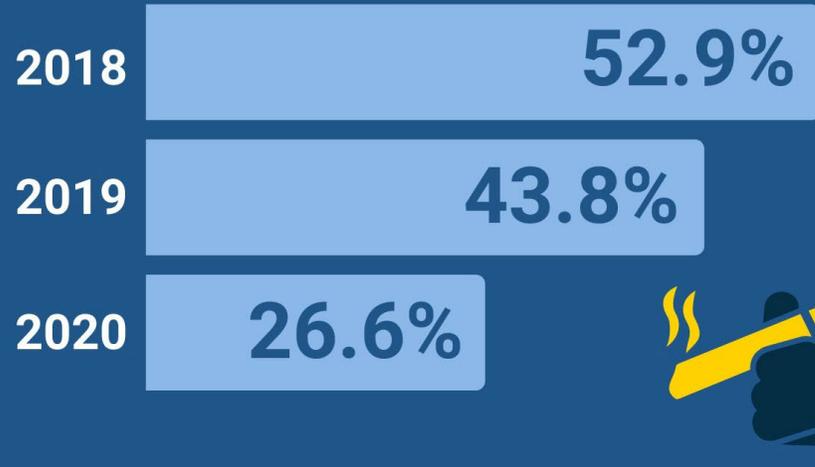
*Would get the COVID-19 vaccine*

**73.6%**  
Essential  
workers

**76.7%**  
Non-essential  
workers



 **Does less socializing = less exposure to smoking and less tobacco use?**



The percentage of adults who said they were exposed to secondhand smoke from tobacco products or vapor from e-cigarettes was cut in half compared to 2018.

	Flavored tobacco	E-cigarettes
2019	5.8%	4%
2020	4%	2.8%

Flavored tobacco, e-cigarette use in the past 30 days dropped by nearly one-third among adults.

Source: 2020 California Health Interview Survey

 **Dental insurance and time since last dental visit**

The proportion of adult respondents with dental insurance significantly increased from 2019 to 2020.

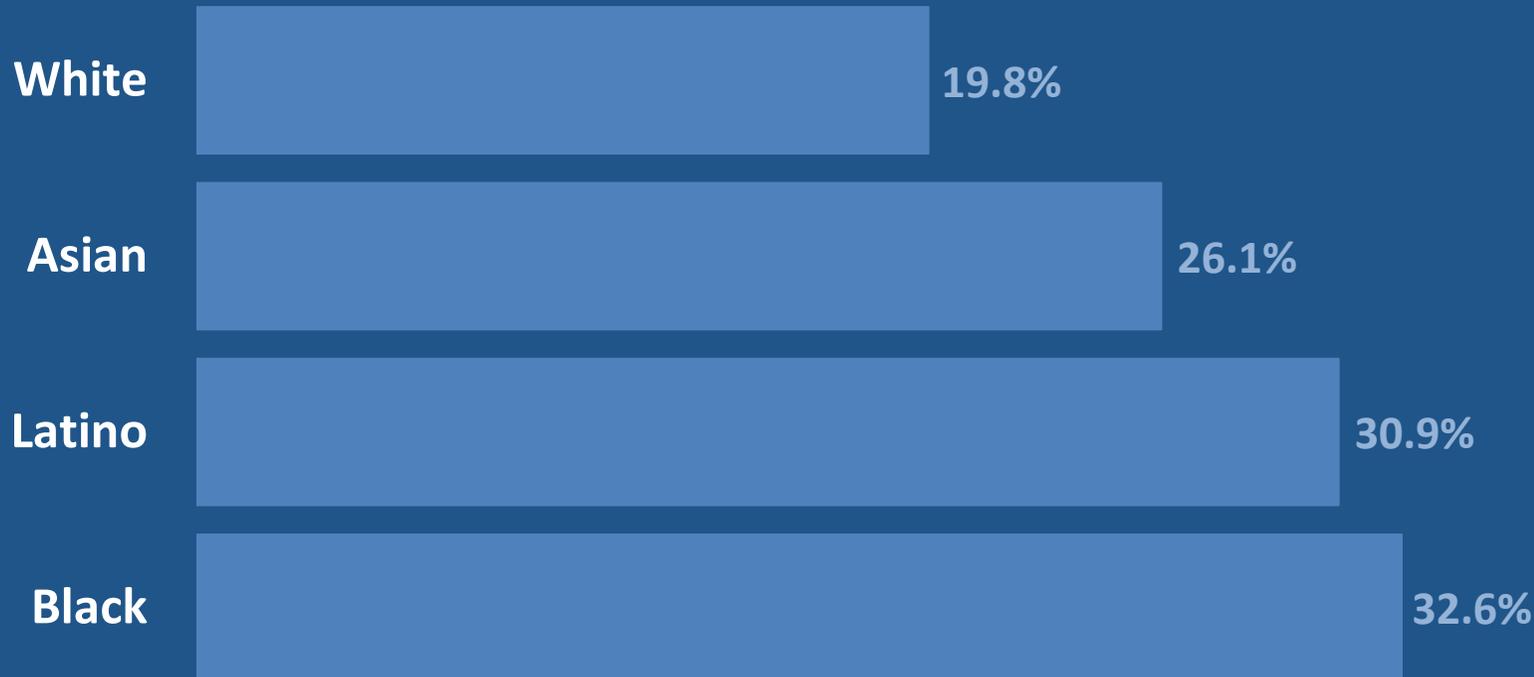
	2019	2020
<b>Insured</b>	68.1%	70.4%
<b>Not insured</b>	31.9%	29.6%

Time since last dental visit significantly increased from 2019 to 2020 for both adults and teens.

	Adults		Teens	
Time since last dental visit	2019	2020	2019	2020
<b>Up to 1 year</b>	69.7%	67.2%	93.4%	88.9%
<b>More than 1 year or never visited</b>	30.3%	32.8%	6.6%	11.1%

Source: 2019 & 2020 California Health Interview Survey

## Race/ethnicity and fair or poor condition of teeth



The proportion of Asian, Latino, and Black adults who reported only fair or poor teeth condition was significantly higher than among White adults.

Source: 2020 California Health Interview Survey

 **Obesity by race/ethnicity and poverty level**

	Latino	White	Black	Asian
<b>Underweight/Normal</b>	28.5%	42.3%	24.7%	58.5%
<b>Overweight/Obese</b>	71.5%	57.7%	75.3%	41.5%

The proportion of overweight/obese population is significantly higher among Latino and Black adults than White and Asian adults.

The proportion of overweight/obese population is significantly higher among adults in 0-199% Federal Poverty Level (FPL) than 200% FPL and above.

	0-199% FPL	200% FPL and above
<b>Underweight/Normal</b>	31.7%	40.6%
<b>Overweight/Obese</b>	68.3%	59.4%

Source: 2020 California Health Interview Survey



## Healthy changes in adolescent behaviors during 2020

Adolescents age 12-17 were less likely to engage in binge drinking in the past month

**7%**  
in 2019  
**2.6%**  
in 2020



Adolescents age 12-17 were more likely to eat 5+ servings of fruit and vegetables daily

**26.1%**  
in 2019  
**33.3%**  
in 2020



Source: 2020 California Health Interview Survey

## **Unhealthy changes in adolescent behaviors during 2020**

The percentage of children and adolescents age 2–17 who spent 5+ hours on sedentary activities on typical weekend days increased.



The percentage of adolescents age 12–17 who reported “almost constantly” being on the internet also rose.

**28.6%**  
in 2019

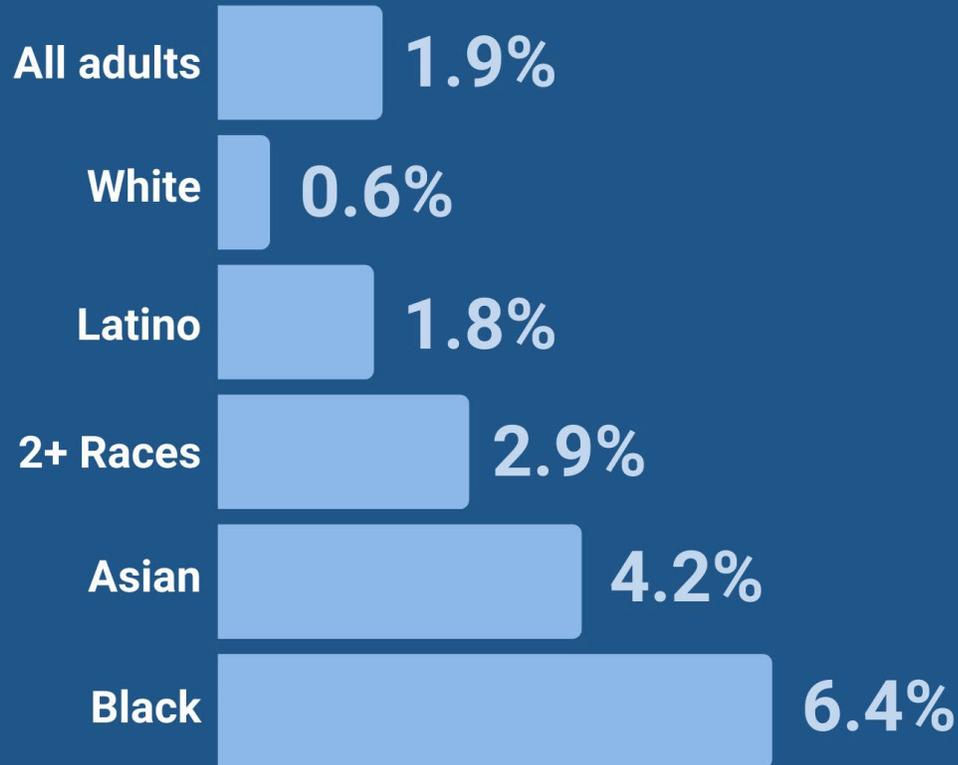
**43.2%**  
in 2020

**51% jump in adolescents who are “almost constantly” online**





## Race/ethnicity and unfair treatment during the pandemic\*



The proportion of Black and Asian adults who reported unfair treatment because of race/ethnicity during the COVID-19 pandemic was much higher than among other racial/ethnic groups.

Source: 2020 California Health Interview Survey

\*Insufficient data for American Indians, Alaska Natives, Native Hawaiians, and Pacific Islanders



## Mental health distress among those treated unfairly during the pandemic due to their race/ethnicity



	Suicidal thoughts among those who were...	Likely serious psychological distress (SPD) among those who were...
...treated unfairly because of race/ethnicity	<b>19.3%</b>	<b>18.5%</b>
...not treated unfairly because of race/ethnicity	<b>12.1%</b>	<b>12.1%</b>

Source: 2020 California Health Interview Survey



## Economic challenges during pandemic led to increased household conflict

Households reporting an increase in interpersonal conflict during COVID-19 among adults who had



Difficulty paying for basic necessities

22.9%

No difficulty paying for basic necessities

11.9%



Lost a job during COVID-19

19.3%

Did not lose a job during COVID-19

13.9%

Source: 2020 California Health Interview Survey



**Doctor visits and routine check-ups in the past 12 months were significantly affected during COVID-19 pandemic**

**67.9%**

of California adults had a preventive visit in 2020, compared to 71.1% in 2019, the **lowest estimate since 2013**



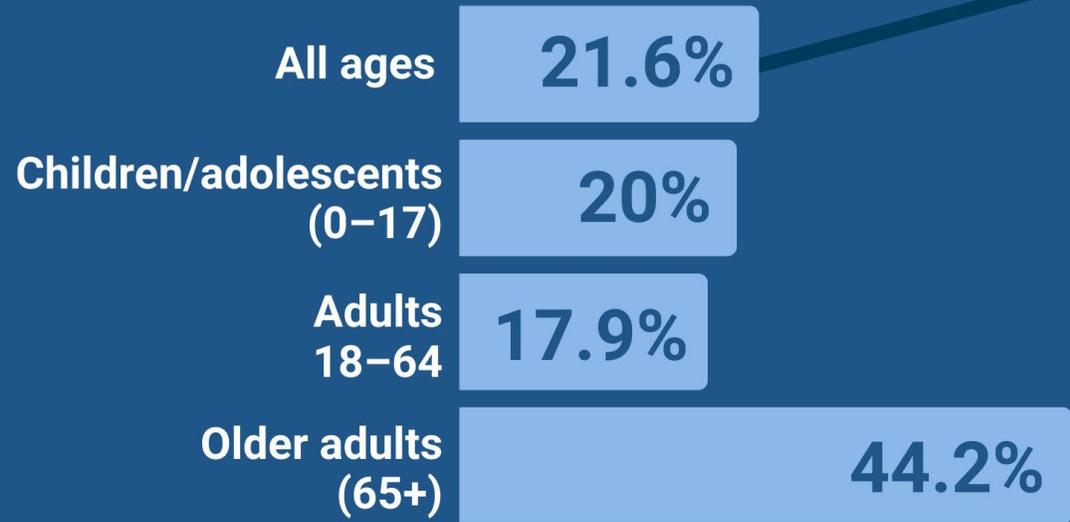
Source: 2020 California Health Interview Survey

Tan, S. "California Reached Health Coverage Milestone With 94% of People Insured in 2020, but Access to Care Remains a Challenge During the COVID-19 Pandemic," 2021, UCLA Center for Health Policy Research



## COVID-19 as a barrier to care

Percentage who cited COVID-19 as a reason for forgoing care in 2020, by age group.



More than  
**1 in 5**

Californians who delayed or had forgone medical care in 2020 cited COVID-19 as the main reason.



Older adults ages 65+ were nearly

**2 1/2**

times more likely than adults ages 18-64 to delay or forgo care.



Source: 2020 California Health Interview Survey

Tan, S. "California Reached Health Coverage Milestone With 94% of People Insured in 2020, but Access to Care Remains a Challenge During the COVID-19 Pandemic," 2021, UCLA Center for Health Policy Research

**\$ Cost of medical care and lack of insurance were major barriers to accessing care**

Main Reasons for Delaying or Forgoing Necessary Medical Care in California by Race/Ethnicity, 2020

	Latino	White (NL)	Black or African American (NL)	Asian (NL)	Two or More Races (NL)
Cost, lack of insurance, or other insurance-related reasons	40.0%	28.1%	31.9%	30.0%	28.4%
Health care system/provider issues and barriers	19.4%	16.9%	20.2%	20.0%	30.3%
Personal reasons	27.1%	26.8%	18.3%	28.6%	27.9%
COVID-19	13.5%	28.2%	29.6%	21.5%	13.4%

Note: NL = Non-Latino

Sources: 2020 California Health Interview Surveys.



**40%**

of Latinos in California cited cost, lack of insurance, and or other insurance-related issues as the main reason for delaying or forgoing necessary medical care in 2020, compared to 28.1% of white people

Source: 2020 California Health Interview Survey

Tan, S. "California Reached Health Coverage Milestone With 94% of People Insured in 2020, but Access to Care Remains a Challenge During the COVID-19 Pandemic," 2021, UCLA Center for Health Policy Research

# Adults with greater poverty were more likely to have been diagnosed with certain chronic conditions

*Ever diagnosed with diabetes*

**14.6%**

0 – 199% FPL

**9.4%**

200% FPL  
and above

*Ever diagnosed with high blood pressure (borderline not included)*

**28.0%**

0 – 199% FPL

**23.9%**

200% FPL  
and above



Source: 2020 California Health Interview Survey

## Discussion/Q&A

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