



California Health Interview Survey (CHIS) As An Oral Health Data Source for Community Needs Assessments

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AGENDA



Overview of CHIS



**Using CHIS Data
Products for
Community Needs
Assessments**



**CHIS Oral Health
Data**



**AskCHIS & AskCHIS
NE Demo**

1. Overview of CHIS

2. Using CHIS Data Products for Community Needs Assessments

3. CHIS Oral Health Data

4. *AskCHIS* & *AskCHIS NE* Demo

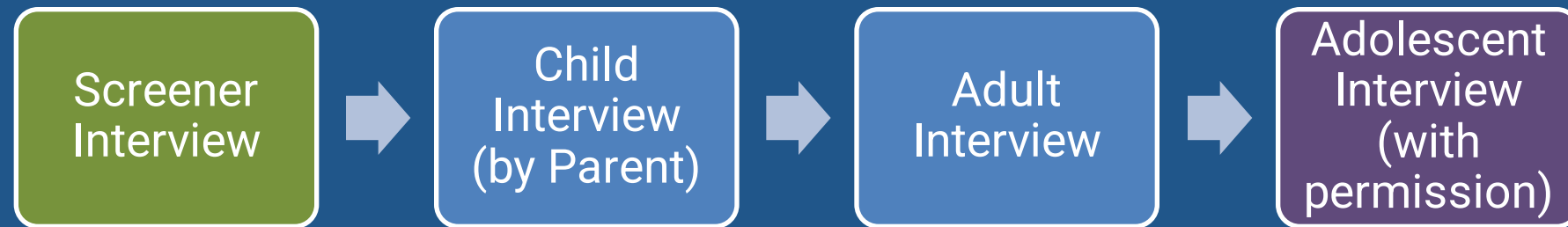
What is CHIS?



- Nation's largest state health survey
- Most comprehensive source of health information on Californians
- Covers topics about health and healthcare of Californians
- Adult, teen, and child surveys
- Representative data on diverse groups

CHIS Design

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



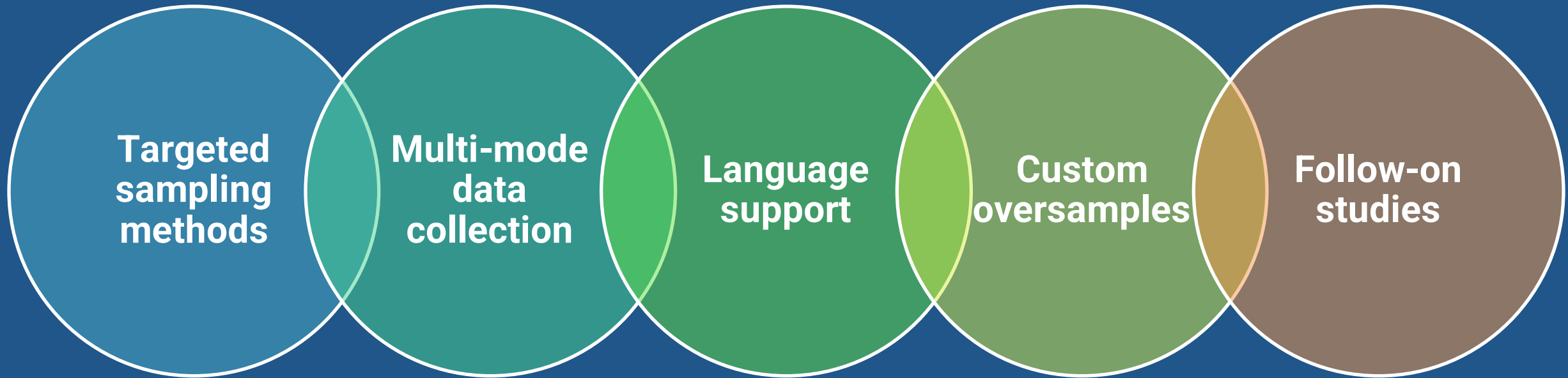
- CHIS is conducted in English, Spanish, Chinese (both Cantonese and Mandarin dialects), Korean, Vietnamese, and Tagalog
- Data Collection Method: Address-Based Sampling with Web and Telephone Response

Geographic Sample Design



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

Methods to Reflect California's Diversity



“The state’s population is a diverse tapestry, and for two decades, CHIS has studied its individual threads — namely, data on the varied and specific health needs of different groups, particularly those who are underserved.” — *CHIS Making an Impact 2021*

2022 Data Collection Results

CHIS 2022 RACIAL/ETHNIC GROUP SAMPLES BY AGE

	ADULT (Age 18+)	ADOLESCENT (Ages 12-17)	CHILD (Ages 0-11)
Total Sample Size	21,463	985	3,395
RACE*			
White	13,739	574	1,902
Asian	3,281	142	567
Native Hawaiian/Pacific Islander	66	3	13
African American	1,147	40	169
American Indian/Alaska Native	516	28	76
Other single race	1,580	94	258
Two or More Races	1,134	104	410
LATINO ETHNICITY			
Latino	5,719	443	1,567
Non-Latino	15,744	542	1,828

CHIS 2022 includes interviews conducted between February and November 2022

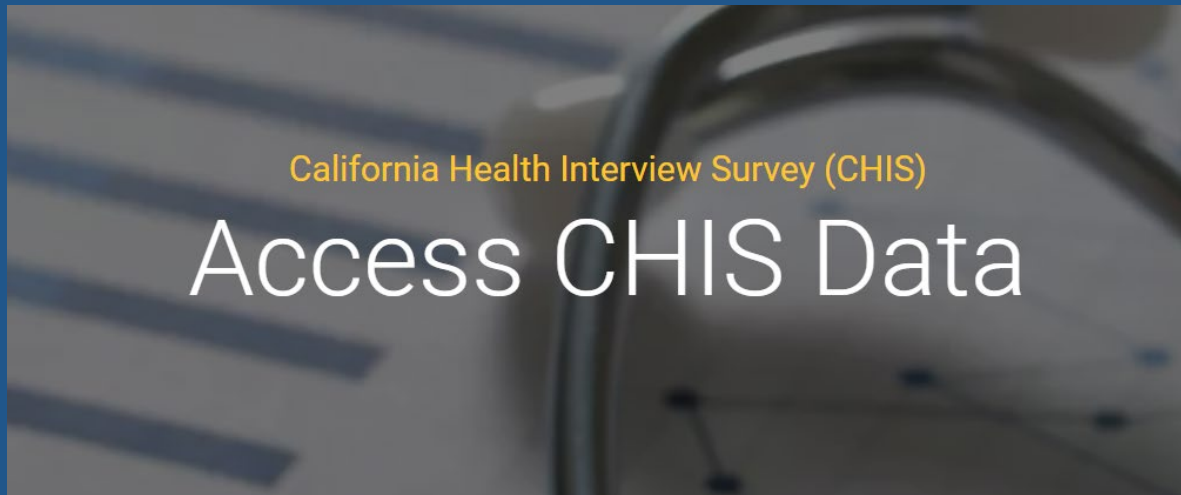
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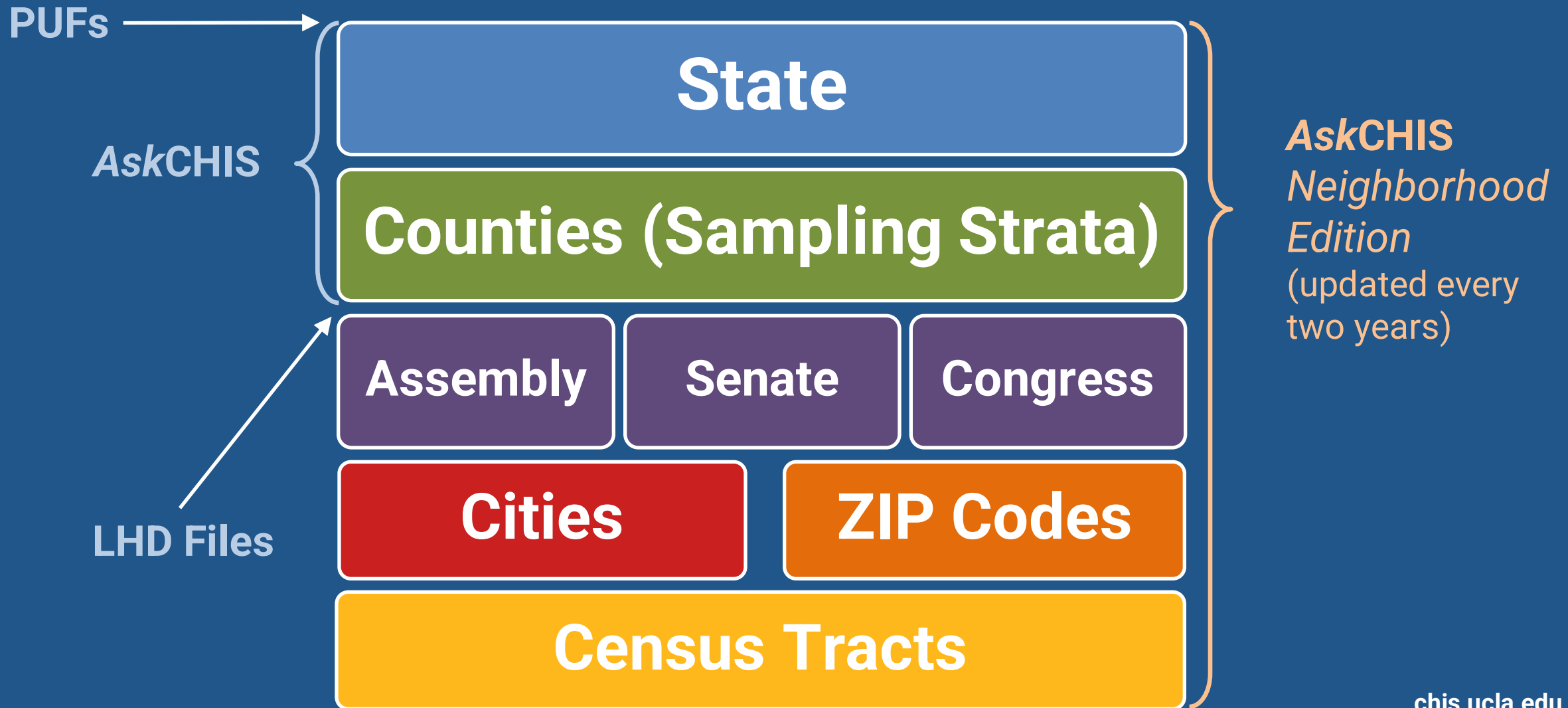
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CHIS Dissemination & Data Products



- Public Data Products
 - **AskCHIS**
 - **AskCHIS Neighborhood Edition (NE)**
 - Public Use Files (PUFs)
 - Health Profiles
- Confidential Data Products
 - Data Estimate Requests (DERs)
 - **Local Health Department (LHD) Files**
 - Data Access Center (DAC) Projects

Data Across Geographies



Notes On CHIS Data

- CHIS 2022 was released in October
- CHIS 2023 will be released around October 2024
- The questions asked in the CHIS can change from year to year, so each year of data may not always be the exact same in terms of variable availability
- Not all CHIS questions are asked of every respondent; some questions have modified universes based on answers to previous questions

Notes On CHIS Data (cont'd)

- Resources to help determine variable availability and details about variables:
 - **Master Variable List:** <https://healthpolicy.ucla.edu/our-work/data-access-center/dac-application-process>
 - **Source Data Dictionaries:** <https://healthpolicy.ucla.edu/our-work/california-health-interview-survey-chis/access-chis-data/resources#dictionary>
 - **Questionnaires:** <https://healthpolicy.ucla.edu/our-work/california-health-interview-survey-chis/chis-design-and-methods/survey-topics-and-questionnaires>
- Not all variables are included in every data product

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CHIS 2022 Oral Health Questions

- Adult:
 - How long since last visit to a dentist
 - Last visit was for routine checkup or specific problem
 - Have any insurance that pays for all or part of dental care
 - Condition of teeth
 - Received telehealth care for dental health problem in past year

- Teen:
 - How long since last visit to dentist
 - Missed school (and how many days) because of dental problem in past year
 - Condition of teeth

CHIS 2022 Oral Health Questions

- Child:
 - Has any teeth
 - How long since last visit to dentist
 - Number of times (and where) received dental service in past year
 - Where received information about oral health/preventive treatments
 - Main reason have never visited a dentist
 - Particular place usually go for dental care
 - Needed dental care but could not afford it in past year
 - Have any insurance that pays for all or part of dental care

CHIS 2022 Oral Health Questions

- Child (cont'd):
 - Pay for any/all cost of dental insurance plan
 - Anyone else (and who) pays for any/all cost of dental insurance plan
 - Time when had no dental insurance at all in past year
 - Main reason did not have dental insurance in past year
 - Use any free community/public dental programs for care
 - Needed dental care but didn't get it in past year
 - Main reason didn't get needed dental care in past year
 - Visited ER / urgent care because of dental problem in past year
 - Missed school (and how many days) because of dental problem in past year

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AskCHIS Oral Health Data



Geographic Area | Topic | Compare Topics | Limit Population | Years | Get Data

State | required | optional | optional | required

Select a Topic ⓘ

Search | Select a Category

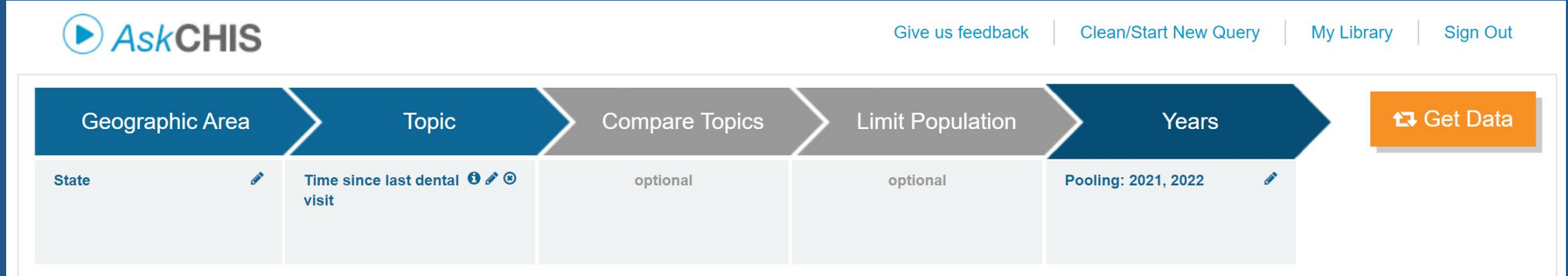
- Health Status
- COVID-19
- Health Conditions (not Cancer)
- Discrimination
- Health Behaviors
- Women's Health
- Oral Health**
- Access & Utilization
- Health Insurance
- Mental and Emotional Health

Oral Health

- Time since last dental visit
listed under: Oral Health / Oral Health
Multiple years up to: 2022
Age groups: Child
- Time since last dental visit
listed under: Oral Health / Oral Health
Multiple years up to: 2022
Age groups: Adult
- Condition of teeth - Adults
listed under: Oral Health / Oral Health
Multiple years up to: 2022
Age groups: Adult

- Most recent year: 2022 (2023 will be released around October 2024)
- 18 indicators with 2022 data in the Oral Health topic area
- Indicators for adult, teen, and child data

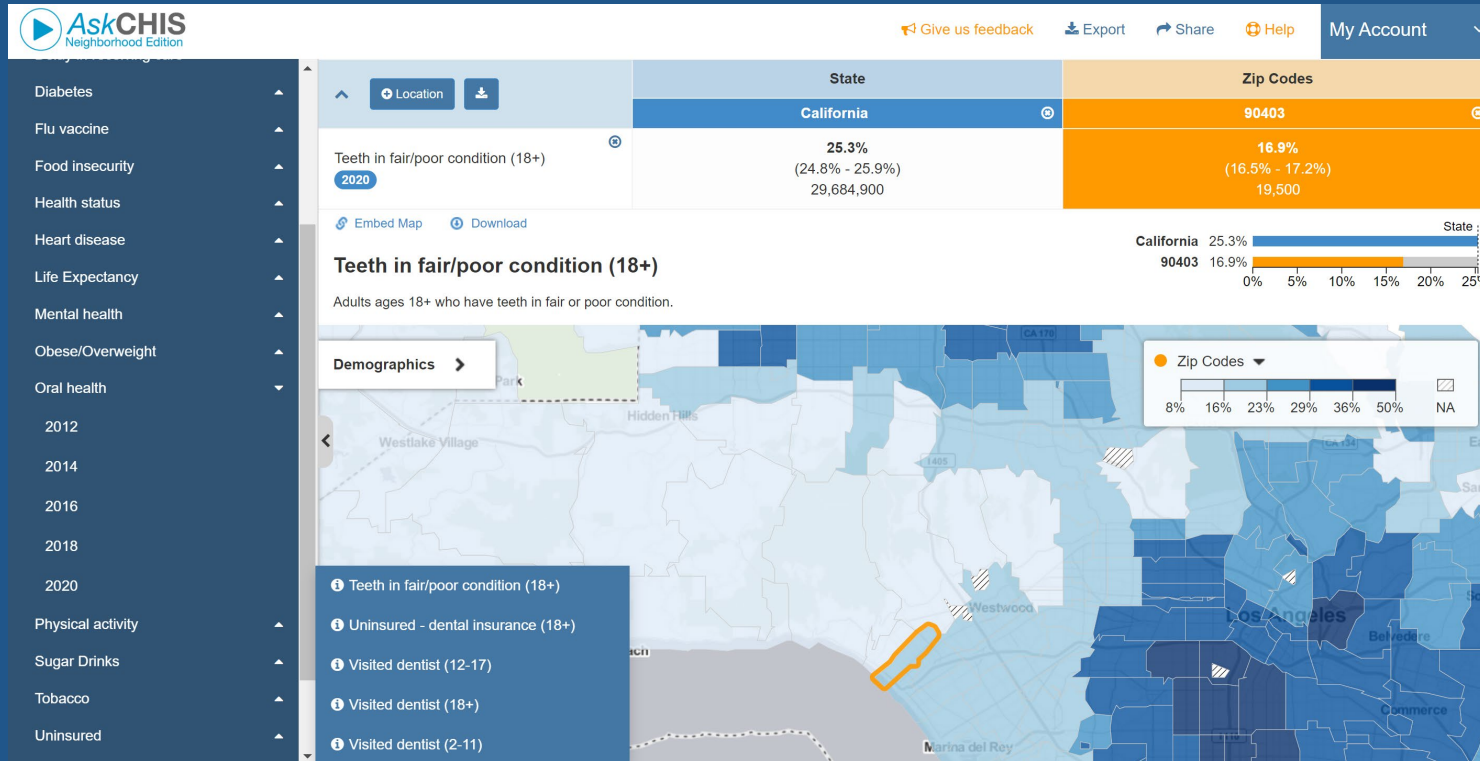
AskCHIS Query Options



The screenshot shows the AskCHIS query builder interface. At the top left is the AskCHIS logo. On the top right are links for "Give us feedback", "Clean/Start New Query", "My Library", and "Sign Out". Below these is a horizontal flow of five steps: "Geographic Area", "Topic", "Compare Topics", "Limit Population", and "Years". Each step has a corresponding input field below it. The "Geographic Area" field contains "State" with an edit icon. The "Topic" field contains "Time since last dental visit" with an info icon, an edit icon, and a share icon. The "Compare Topics" field contains "optional". The "Limit Population" field contains "optional". The "Years" field contains "Pooling: 2021, 2022" with an edit icon. To the right of the flow is an orange "Get Data" button with a refresh icon.

- By state, region, county, LA SPAs, SD Health Regions
- Compare Topics
- Limit Population
- Pool or Compare years

AskCHIS Neighborhood Edition Oral Health Data



- Most recent: 2019-2020 (2021-2022 will be released summer 2024)
- 5 indicators with 2019-2020 data in the Oral Health topic area
- Indicators for adult, teen, and child data

AskCHIS On-Demand Learning Center

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

<https://healthpolicy.ucla.edu/our-work/training>

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!

Thank You!

Questions?



Contact: dacchpr@ucla.edu

<https://healthpolicy.ucla.edu/our-work/california-health-interview-survey-chis/access-chis-data>

<https://ask.chis.ucla.edu/>

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