



California Tobacco-Related Data Dashboards: User Guide

Introduction

The California Tobacco Prevention Program (CTPP), California Department of Public Health (CDPH) created and maintains the California Tobacco-Related Data Dashboard. The California Tobacco-Related Data Dashboard has two dashboards: a state dashboard and a county dashboard.

These dashboards provide the public with access to data estimates used by CTPP. Data estimates are mainly from CTPP's evaluation and surveillance projects. The state dashboard also provides disparity metrics used by CTPP to track progress in accelerating the decline in tobacco-related disparities.

For other questions, you can contact us the CTPP's Evaluation and Surveillance Section at CTPPEvaluation@cdph.ca.gov.

Dashboard Guide

The two dashboards are independent from one another. Selection in the state dashboard does not affect the county dashboard, and vice versa. You can also download a comma separated value (CSV) version of the dashboards.

State Dashboard

The state dashboard appears first. It follows the same layout for each topic page.

- A. **Navigation Tabs:** The state dashboard includes seven different topic subpages: Tobacco Use, Cessation, Secondhand, Attitudes, Health Conditions, Retail Environment, and Policy Coverage. You can click on the topic buttons to go to the different topic subpages.
- B. **Dashboard Filters:** Click the dropdown icon and select the indicator and group category you want to see. You can search by using the textbox after clicking on the dropdown icon.
 - a. **Indicator Filter:** The indicator filter allows you to filter the state dashboard to a specific indicator. CTPP uses indicators listed as a CTPP Disparity Indicator to track progress in accelerating the decline in tobacco-related disparities.
 - b. **Group Category Filter:** The group category dropdown filter allows you to filter the indicator to a particular group. For county data, users should use the county dashboard.

- c. **Reset Filter Button:** To reset the filters, you can click the reset filter button. This will change the filters back to the default view.
- C. **Point Estimate Charts:** You can view data estimates in three different ways using a selection button.
 - a. **Most Recent Chart Button:** The most recent chart shows data as a bar chart based on your selected filters. It only shows the latest data. Hovering over the bar charts will display the data estimate and 95 percent confidence intervals. The 95 percent confidence interval tells you how precise the data estimate is. A wider interval suggests less precision, while a narrower interval suggests greater precision.
 - b. **Trend Chart Button:** The trend chart shows data as a line chart from 2016 to the most recent year, based on your selected filters. Hovering over a line marker on the line chart will display the data estimate and 95 percent confidence intervals. The 95 percent confidence interval tells you how precise the data estimate is. A wider interval suggests less precision, while a narrower interval suggests greater precision.
 - c. **Tabular Button:** You can also view the trend chart as a table. Click the tabular button to change all charts into a table format. For full accessibility, download the CSV file from the dashboard page.
- D. **Disparity Measure Charts:** There are numerous ways to measure disparities. Two disparity metrics are provided by CTPP in the state dashboard: the pair difference and the mean difference from mean. Both metrics require users to select a subgroup category that is not Overall. These disparity metrics are also available for indicators that are not listed as a CTPP Disparity Indicator.
 - a. **Pair Difference Chart:** The pair difference disparity metric shows the difference between a specific group's rate and the overall state rate. This helps us see how different each group is from the state average. A value of 0 percent means no difference, while values further from 0 percent mean more difference. For example, for current cigarette smoking among adults aged 26–44-year-old in 2023, the difference is +1.2 percent compared to the state rate. This is an up from +0.6 percent in 2018, showing that the difference between adults aged 26–44-year-old and the state rate is slightly increasing for this age group.
 - b. **Mean Difference from Mean Chart:** The mean difference from mean disparity metric shows the average difference between each group and

the overall state rate. This helps us see how different each group is from the state average. A value of 0 percent means no difference, while higher values indicate greater difference. For example, in 2023, the difference for current cigarette smoking by age group is 1.5 percent. This is lower than 2.9 percent in 2018, showing that the difference is getting smaller.

County Dashboard

The county dashboard is displayed after the state dashboard and follows the same layout for each topic page.

- A. **Navigation Tabs:** The county dashboard includes six different topic subpages: Tobacco Use, Cessation, Secondhand, Health Conditions, Retail Environment, and Policy Coverage. You can click on the topic buttons to go to the different topic subpages.
- B. **Dashboard Filters:** Click the dropdown icon and select the indicator and county you want to see. You can search by using the textbox after clicking on the dropdown icon. The county dashboard does not show data by group because of small sample sizes.
 - a. **Indicator Filter:** The indicator filter allows you to filter the county dashboard to a specific indicator.
 - b. **County Filter:** The county filter allows you to filter the indicator based on the selected county. You can only select one county at a time. This is by design as the intent of the dashboard is to not compare one county to another. Some data sources group counties into county regions. The created figure will display the counties that make up the region if needed.
 - c. **Reset Filter Button:** To reset the filters, you can click the reset filter button. This will change the filters back to the default view.
- C. **Point Estimate Charts:** You can view data estimates in three different ways using a selection button. If counties are grouped into regions, the figure will display the counties that make up the region.
 - a. **Most Recent Chart Button:** The most recent chart shows data as a bar chart based on your selected filters. It only shows the latest data. Hovering over the bar charts will display the data estimate and 95 percent confidence intervals. The 95 percent confidence interval tells you how precise the data estimate is. A wider interval suggests less precision, while a narrower interval suggests greater precision.

- b. **Trend Chart Button:** The trend chart shows data as a line chart from 2016 to the most recent year, based on your selected filters. Hovering over a line marker on the line chart will display the data estimate and 95 percent confidence intervals. The 95 percent confidence interval tells you how precise the data estimate is. A wider interval suggests less precision, while a narrower interval suggests greater precision.
- c. **Tabular Button:** You can also view the trend chart as a table. Click the tabular button to change all charts into a table format. For full accessibility, download the CSV file from the dashboard page.