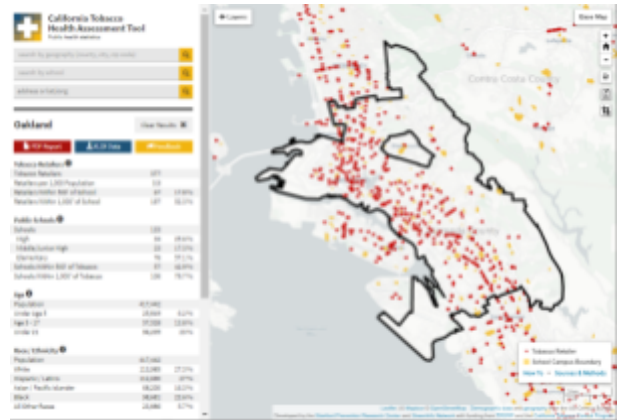# California Tobacco Health Assessment Tool cthat.org

The California Tobacco Health Assessment Tool (CTHAT) was developed by the Stanford Prevention Research Center and GreenInfo Network, with funding from the California Tobacco Control Program (#17-10041) and the Tobacco Related Disease Research Program (#22RT-0142).

Create a map of your community:

1. Select the geography of interest

Using one of the grey boxes in the upper left, type a specific address, county, city, zip code or school name. Below the box, options will appear which you can click on. Doing so will zoom to, and outline your selected geography. Use the "+" and "−" on the right side to zoom in and out. To deselect this geography, click on "Clear Results" to the right of your selected geography.
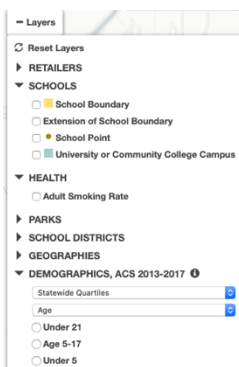
2. Reporting basic statistics

For the selected geography, CTHAT will report information about tobacco retailers (# and % of retailers near public schools), % of public schools near tobacco retailers, and demographic information about residents in the left column. All data are calculated using the most current releases of the U.S. Census American Community Survey 5-year Estimates and the California Department of Tax and Fee Administration (CDTFA) tobacco retailer list.

Tobacco Retailers ❶		
Tobacco Retailers	31,100	
Retailers per 1,000 Population	0.8	
Retailers Within 500' of School	3,383	10.9 %
Retailers Within 1,000' of School	8,899	28.6 %

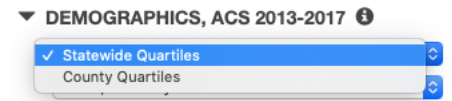| Public Schools ❶		
Schools	10,044	
High	2,634	26.2 %
Middle/Junior High	1,422	14.2 %
Elementary	5,988	59.6 %
Schools Within 500' of Tobacco	2,250	22.4 %
Schools Within 1,000' of Tobacco	4,323	43 %

3. Adding layers to your map

Select the *Layers* button on the map to reveal available data layers (e.g., Retailers, Schools Boundaries, Health, Demographics). Expand the layer categories by clicking on them. You may add layers including Tobacco Retailers, School Boundaries, or demographics (Age, Race/Ethnicity, or Income/Poverty). You may also adjust the slider to change the transparency of the layer.

4. Demographic layers

By default, demographic layers are displayed as quartiles based on statewide data (All census tracts are divided into four equal groups, and each group is given a color shade which corresponds to one of the four quartiles). However, when mapping a single county, you may prefer quartiles based only on tracts within the county. To do this, select the box "Statewide Quartiles" and change the selection to "County Quartiles".

5. Four ways to share your map

PDF Report: Click on the red PDF report button to download a detailed PDF report with descriptive statistics about tobacco retailers and demographic characteristics, along with a map of your area of interest.

PDF map: Click on the PDF icon which will turn your cursor into a cross-hair. Click and drag to select your area of export. You will be prompted to enter a title of your map. Selecting "Print" will generate a PDF for download.

Crop: Click the crop tool icon which will change your cursor to a cross-hair. Click and drag to select your area of export, and release. You will be prompted to download a jpeg image file of your map.

Digital link: Click the Share icon to generate a shareable web link that will take the user directly to the identical view that you currently see.

Contact Trent Johnson at the Stanford Prevention Research Center for questions trentj@stanford.edu

Map 1: Tobacco retailers in relation to public schools (1,000 ft buffers) in downtown San Jose

Map 2: Tobacco retailers with an underlying layer of % of population receiving SNAP benefits in San Francisco