# Data Visualization Project: Local Ordinances

Staging page for review: <https://headless.cannabis.ca.gov/consumers/where-cannabis-business-is-legal-in-california>

Major known issues:

* placement of the legend
* decision re inclusion of table on the main page

## DCC Feedback

### Summary boxes:

* The middle box should say **38%** of cities and counties. 205 is correct, but the total number of jurisdictions is 539, which results in a percentage of 38%.
* The third box contains an incorrect figure. 55% of Californians live where retail is **allowed**. And our data shows this total as **21,588,814**.

### Map tool – Overall

* There is a large white space under the state map
* Consider changing prohibited color to a more red-ish color
* Seems like something should happen when you click on a county on the map.
* When you scroll over a county, the box that appears is worded in a confusing way. Suggest changing to (ex: San Bernardino):
  + “Cannabis businesses are prohibited in unincorporated county. Within this county,
    - 18 cities prohibit cannabis businesses
    - 6 cities allow at least one type of cannabis business”
  + The percentages aren’t as meaningful when you’re on the county level, so the count seems more meaningful.
* Filter by activity:
  + Change “All activities” to “Any activities” to reflect that we’re talking about at least one not all.
  + Change “Distributor” to “Distribution” (for grammatical alignment)
  + Change “Manufacturer” to “Manufacturing” (for grammatical alignment)
* When I click “California” or “County” on the top, nothing happens (even when I’m clicked into a county)

### Map Tool – County View

* If I scroll over a city, the pop up that displays disappears before I can click the link for “Details for this city”. When I can click it fast enough, nothing happens.
* When I scroll over a green area, it says “At least 1 type of cannabis business activity is allowed,” but when I scroll over an orange area, it says “Prohibited”. Can we change the orange indicator to say “No cannabis businesses are allowed”?
* The chart does not update to reflect that county.

### Map Tool – Data Download

* Excel sheet needs some clean up. There are duplicate columns (A+B, D+E), and the population data is not correct for cities or counties. We would also like to remove columns V and W.

### Chart

* The chart doesn’t seem to be responsive to changes in the map. If the chart does not respond to map changes, it will exclude cities.
* Add a legend for the chart, so it’s clear what the green check, orange x and grey line are.
* Most of the grey line indicators are for items marked “Limited” on our original chart. We noted previously that all limited items should be changed to “Allowed”

I wonder if the map and chart tools should be separated. Given that they can’t be displayed within a single screen, not sure if it would be more helpful to make them two separate displays. Adam’s mockups seemed to show the chart placement being a little more responsive and displaying immediately below the map, so if that’s still possible, that seems ideal.