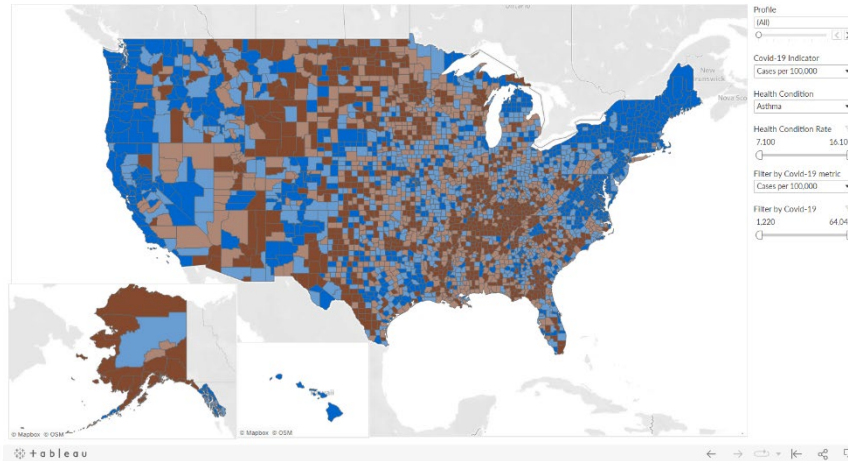


Covid-19 Community Explorer

Instructions for the Interactive Tableau Dashboard

The Covid-19 Community Explorer allows the user to filter observations and view not only data on Covid-19 metrics but also underlying county-level chronic health data.

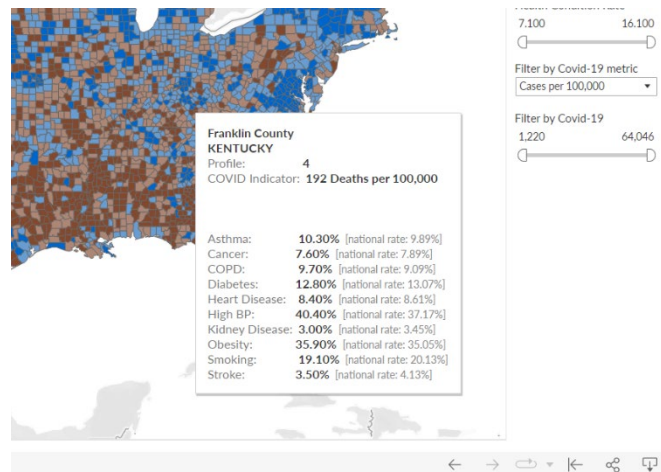
US Counties Communities



The initial map shows the continental U.S. plus AK and HI, with counties divided into four different groups based on their Covid-19 case rate (cases per 100,000 people). Each group is colored ranging from bright blue for the best quarter of counties to dark brown for the worst quarter. This division by color will always be applied to remaining

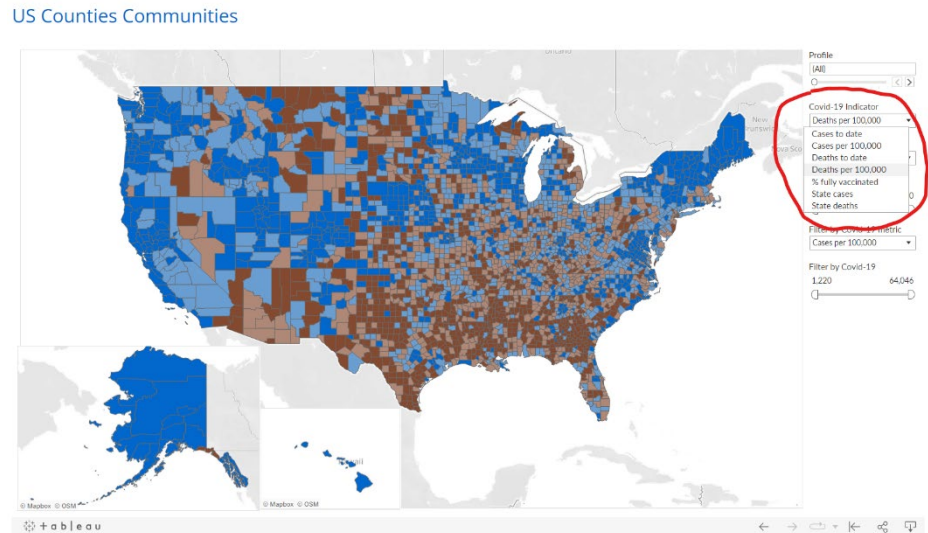
observations when the data is filtered. Counties will appear to be doing better or worse as data is filtered out; this is because division into quarters is performed on the remaining observations. A county that is among the best quarter of all U.S. counties might fall into the bottom quarter of counties within a given community profile when that filter is applied, for example.

To view county-level information for the Covid-19 indicator selected as well as data about the prevalence of chronic health risks in a county, hover your mouse over the county: a textbox will appear with the name, community profile, the value of the selected Covid-19 metric, and underlying health data.



1. Selecting a Covid-19 metric for color divisions

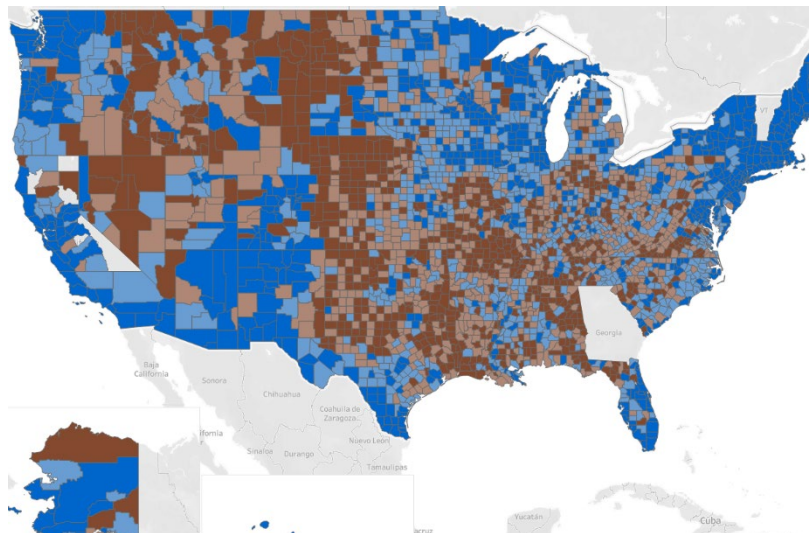
To change the Covid-19 metric displayed upon hovering your mouse, as well as by which counties are divided into four different colors, you may select your preferred option using the Covid-19 Indicator drop-down menu.



Note:

Because vaccination data is not available or reliable for some counties, when a vaccination metric is selected, these counties will disappear from the dashboard.

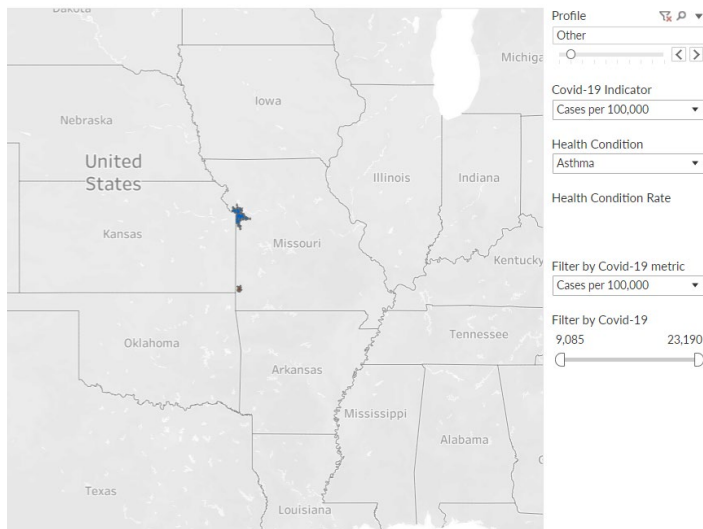
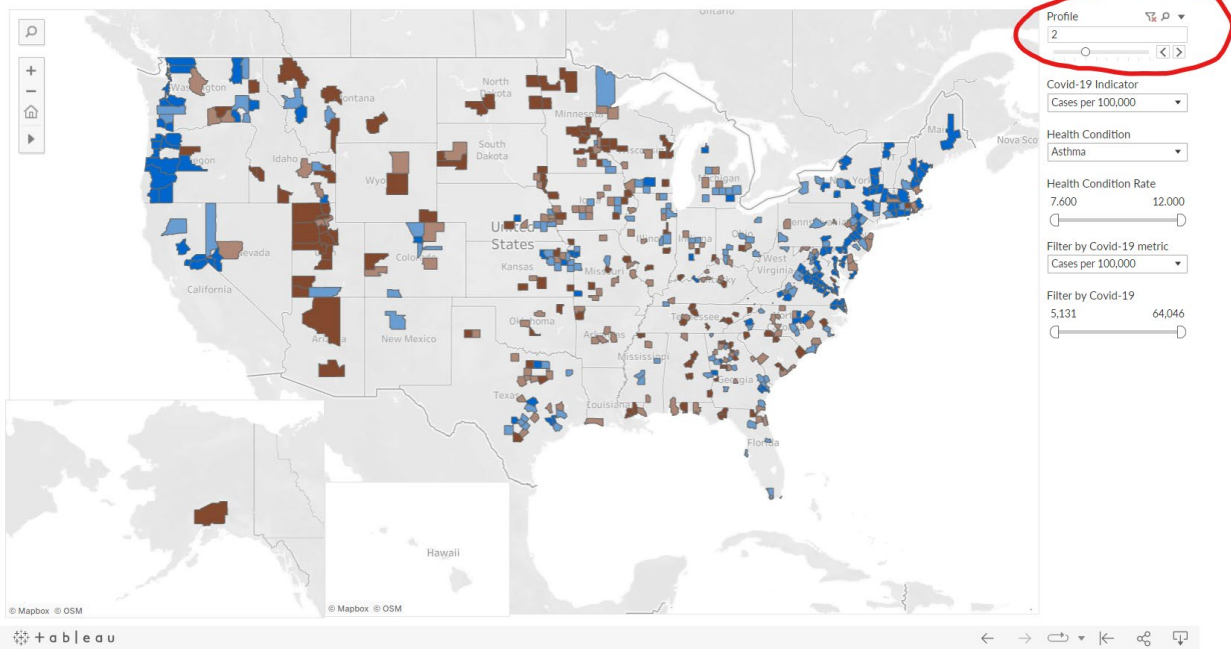
This includes all counties in VT and GA, as well as some counties in CA.



2. Filtering observations by community profile

To view one community profile at a time, use the slider labelled “Profile” at the top of the filters. Use the arrows to scroll community profiles 1-9.

US Counties Communities

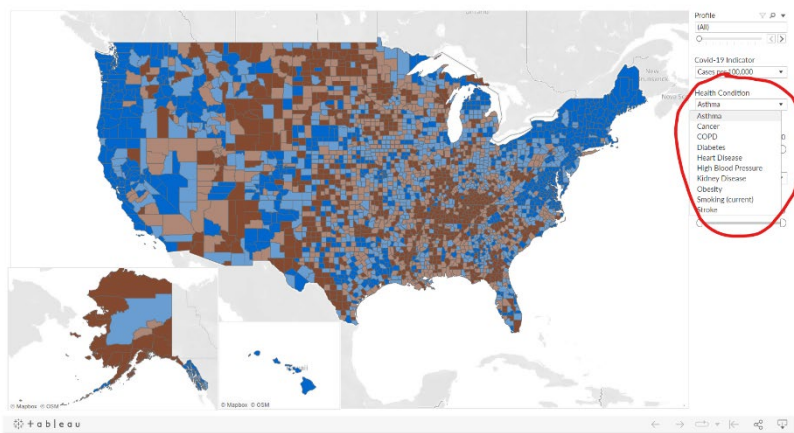


“Other” refers to Joplin and Kansas City, MO, which report case and death data separately from their surrounding counties

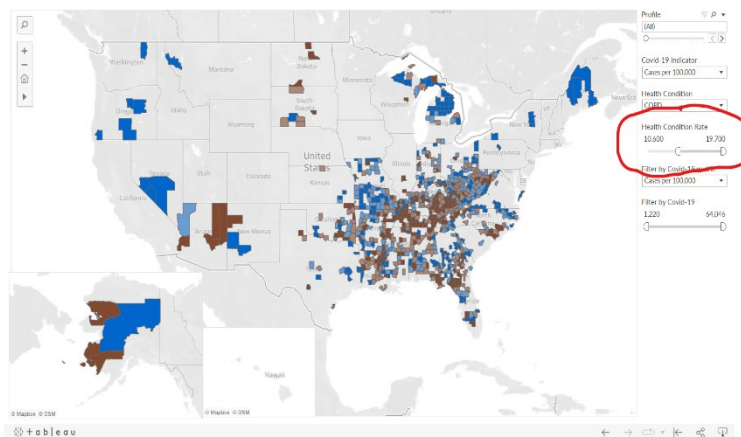
3. Filtering observations by chronic health condition

Filters can be applied one at a time or in concert: when filtering by health condition you can simultaneously filter by profile or a chosen Covid-19 metric. First, select the health condition by which you would like to filter observable counties using the drop-down menu titled “Health Condition.”

US Counties Communities

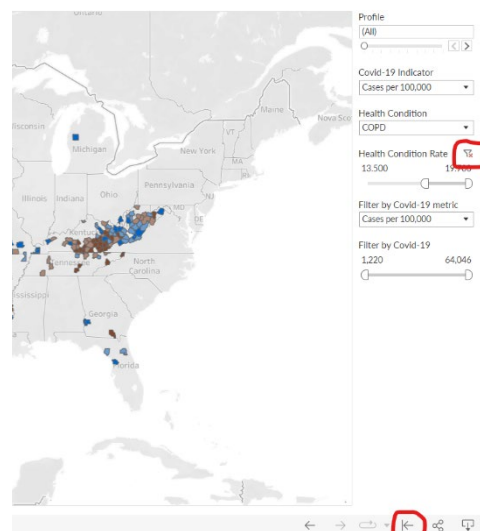


US Counties Communities



There is a slider titled “Health Condition Rate” which will begin with the entire range of the selected indicator. Increasing the minimum value will cause counties with low incidences of the chosen health condition to disappear. Sliding the maximum value to the left will cause the counties with the highest incidences to disappear. In addition to moving the slider by hand, you can type in values for the maximum or minimum.

Before changing indicators, it is necessary to clear the health condition filter. You can do this by clicking the button on the “Health Condition” slider to show all values. If you do not restore all values before choosing a different health condition, it is possible that all counties will disappear from the map, since, for example, the maximum prevalence of one condition might be lower than the minimum prevalence of a different one. If there is an issue, you can always refresh your browser window or select the “Reset” button at the bottom right of the dashboard to return to the initial map with the default indicators selected and all counties displayed.

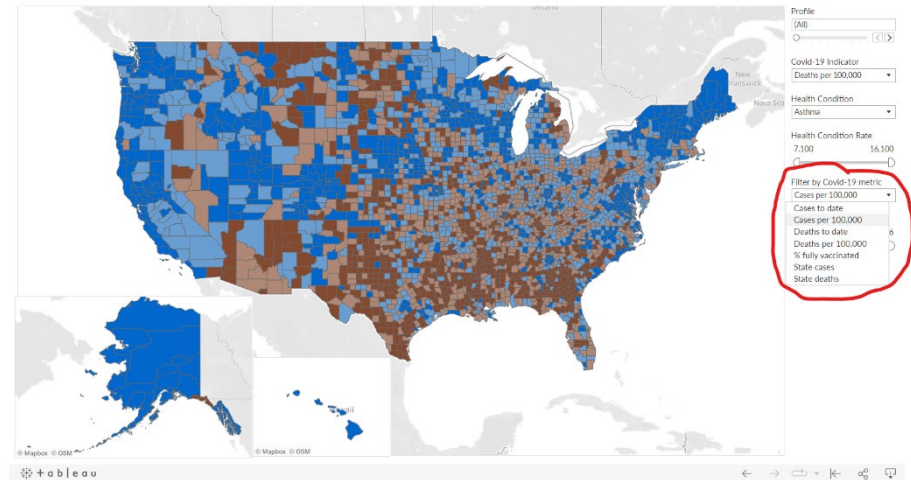


4. Filtering observations by Covid-19 metrics

It is also possible to filter along a different Covid-19 indicator than that by which counties are divided in quarters and colored. In addition to case and death rates per 100,000 people, it is possible to filter observations by total number of cases or deaths to date (the maximum values for these figures are highly skewed by a few very large observations such as Los Angeles and New York). The process for filtering observations by Covid-19 metrics is nearly identical to the process for health conditions.

US Counties Communities

First, you must select which Covid-19 measure you would like to use as your filter; this does not have to be the same indicator as is used in determining quartiles/color and that shows upon hovering your mouse (although you can select the same indicator for both, if desired).



US Counties Communities

Use the slider or manually enter values for the maximum and minimum values of the chosen Covid-19 metric selected from the bottom drop-down menu. The counties that remain in view will then be colored according to the indicator selected in the top drop-down menu; the value of the latter indicator will display when hovering your mouse over a county.

