Needs Assessment Map Tableau

User Guide

NEW YORK STATE OF OPPORTUNITY. | Office of Mental Health

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Introduction to the Needs Assessment Map Tableau

Overview

The NYS Office of Mental Health (OMH) periodically conducts a needs assessment across the state to better understand both the locations of OMH programs and services and the characteristics of NYS counties and regions. This information helps OMH in making data-informed decisions about allocating resources and expanding programs and services. To aid in these efforts, the OMH Office of Population Health and Evaluation (OPHE) created the interactive Needs Assessment Map Tableau. This Tableau includes a map of NYS which displays various health- and service-related measures within several different domains at the county-level. The Tableau also allows a user to plot OMH program locations.

Access

The OMH Needs Assessment Map Tableau (Figure 1) is publicly available and there is no Protected Health Information (PHI) in this Tableau. It can be accessed on the OMH Statistics and Reports webpage through the following link:

https://omh.ny.gov/omhweb/tableau/needs-assessment.html

Figure 1. OMH Needs Assessment Map Tableau Landing Page on Chrome Browser
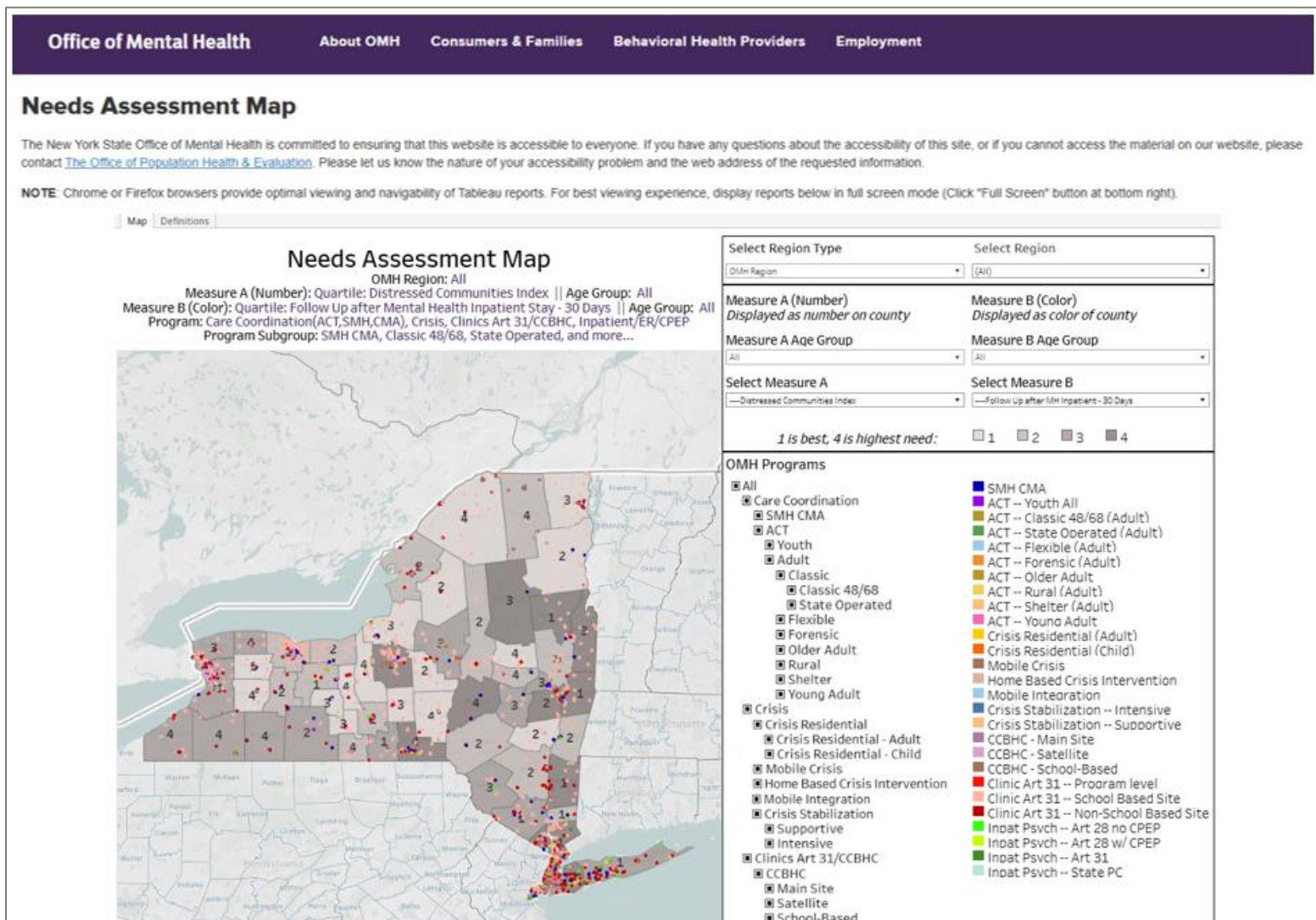
- ▪ The Tableau is best viewed in full-screen mode on Chrome, Edge, and Safari web browsers.

  - ● *User Tip:* Scroll to the bottom of the page and click on the full screen button to access the dashboard in full-screen mode (Figure 2).

Figure 2. OMH Needs Assessment Map Tableau – View in Full Screen
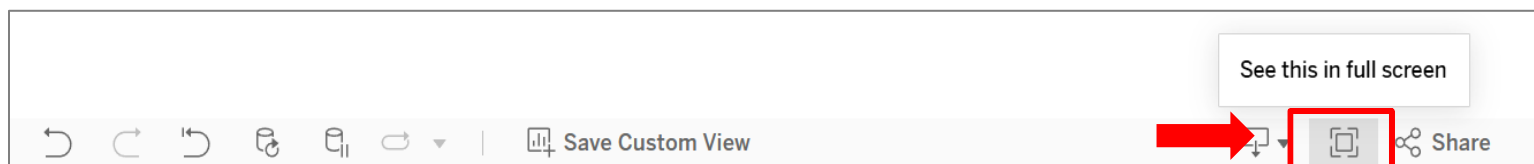
Using the Needs Assessment Map Tableau

About the Tableau Tabs

The OMH Needs Assessment Map Tableau has 2 dashboard tabs which are shown in the top left corner of the screen (Figure 3). The Map tab contains data from various data sources. All measure data is aggregate at the county level. The data sources used in this dashboard can be found the Definitions tab of the Tableau. The information included in this dashboard is not Protected Health Information (PHI).

Here is a description of information displayed in each tab:

1. **Tab 1: Map**

    - This tab is where you will automatically land when you click the link to the Needs Assessment Map Tableau.

    - This dashboard displays an interactive map of NYS showing various health- and service-related measures.

    - Data is aggregated at county level.

    - Map view can be shown by OMH and Economic Development Regions.

    - Measure data can be filtered by Adult, Child, or All Age Groups.

2. **Tab 2: Definitions**

    - This tab provides detailed definitions and data sources for the measures included in this Tableau.

    - The definitions table contains following information about the measures: Domain, Full Measure Name, Abbreviated Measure Name, Detailed Definition, Numerator, Denominator, and Data Source, and Timeframe.

Figure 3. OMH Needs Assessment Map Tableau – Navigation Tabs
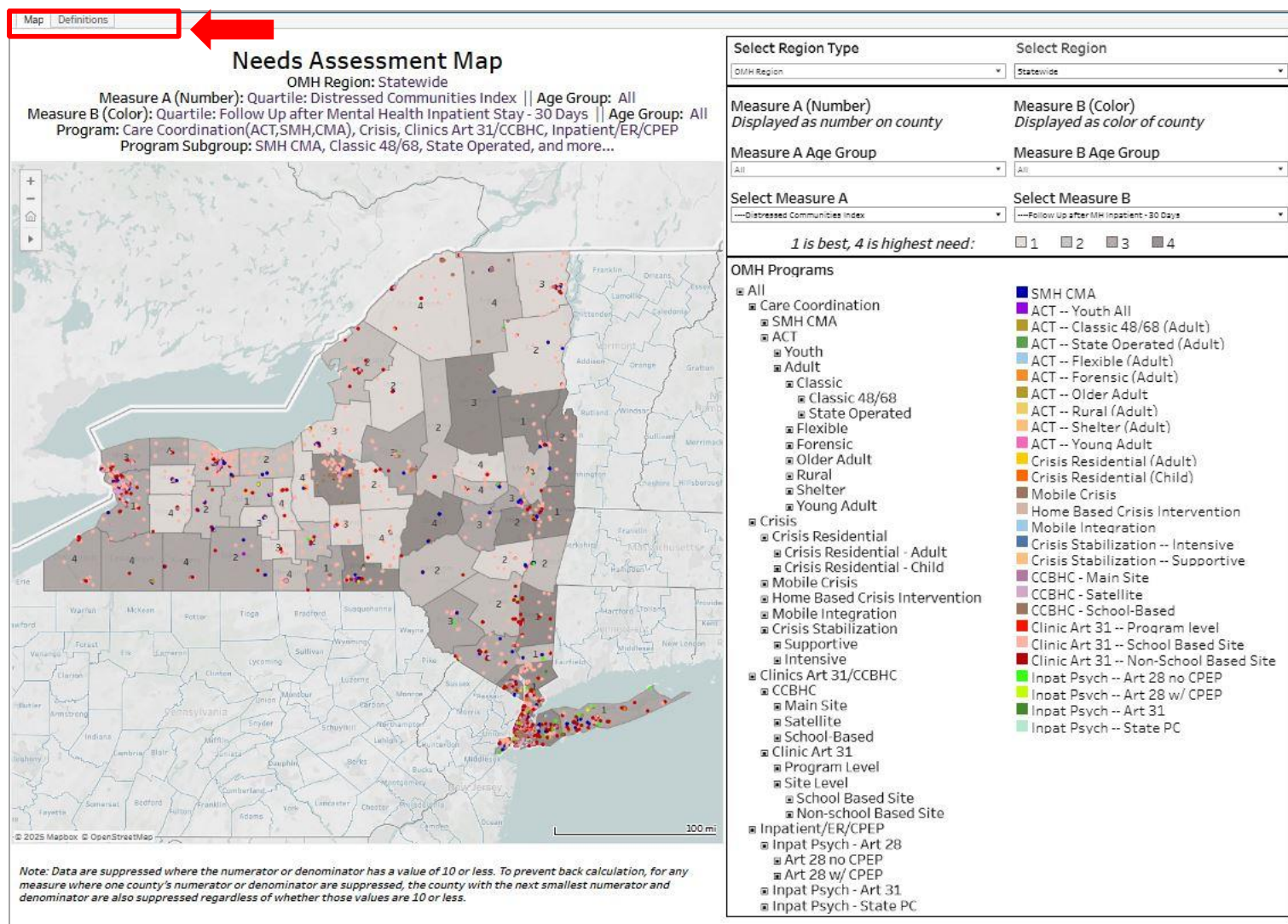
Tab 1: Map

- When you click on the link to the Needs Assessment Map Tableau, you are brought to the first tab, titled Needs Assessment Map.

- The left side of this dashboard has an interactive map of New York State with county boundaries (Figure 4).

- The map displays data for the selected measures. Measures are displayed in the shading and numbers over each county on the map by quartile groups, based on performance. Higher numbers and darker shades indicate greater need (lower performance).

Figure 4. OMH Needs Assessment Map Tableau – Interactive Map
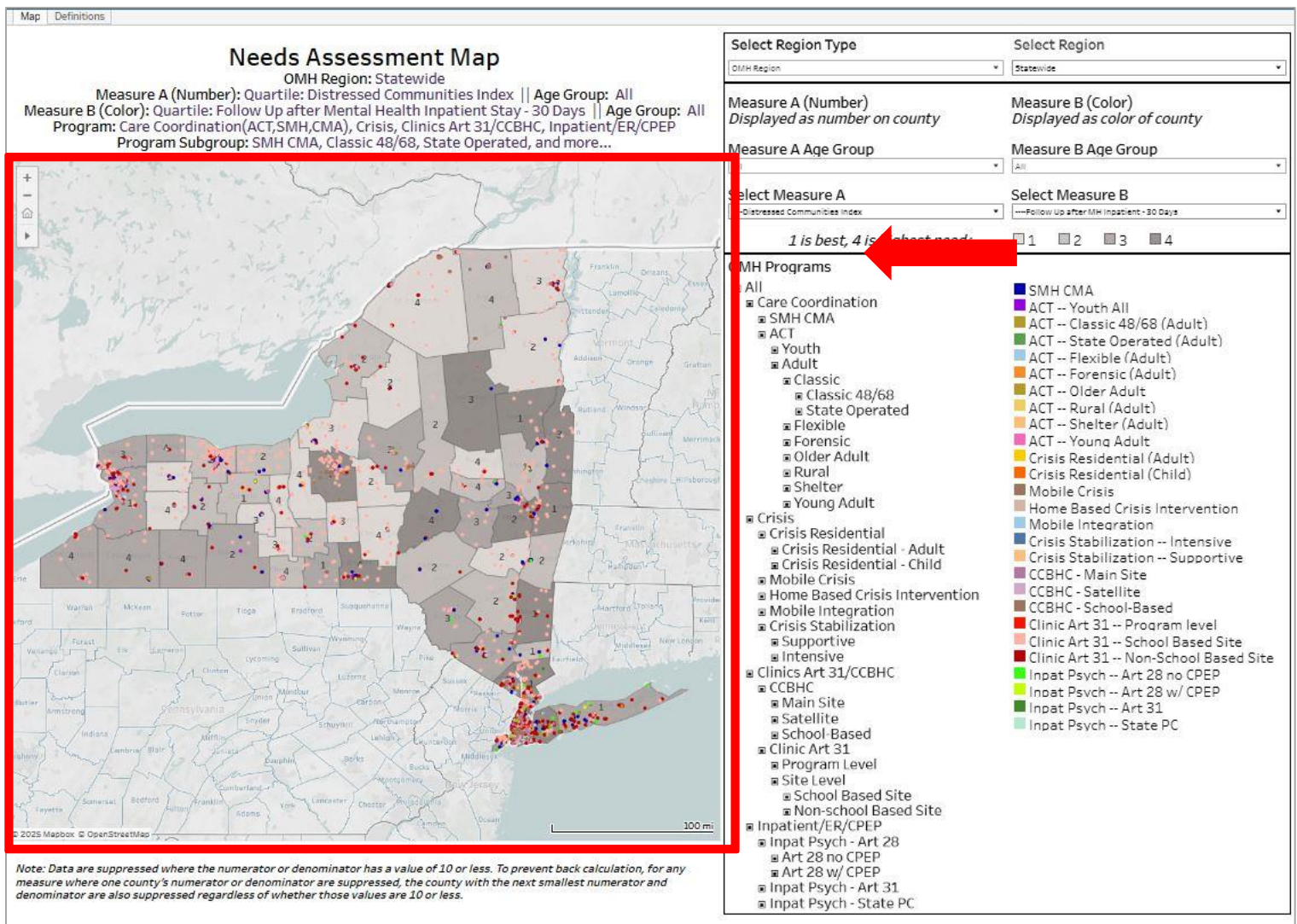
- The map responds to various filters/selections on the right side of the dashboard. You can select from following different options to filter the data shown in the map:

    o To select the region, type use "Select Region Type" filter. You can choose between OMH Regions and Economic Development Regions (Figure 5).

    o You can use the "Select Region" filter, which is to the right of Region Type filter, if you want to see the data in the map for a particular region.

        ▪ The options under this filter depend on what you select from the Region Type filter.

            - If you select OMH Region, you will see 5 OMH Regions (Western NY, Central NY, Hudson River, New York City, and Long Island) and Statewide under this filter (Figure 6).

            - If you select Economic Development Region, you will see 10 Economic Development Regions (Western, Finger Lakes, Southern Tier, Central New York, Mohawk Valley, North Country, Capital District, Mid-Hudson, New York City, and Long Island) and Statewide (Figure 7).

        ▪ The map automatically zooms in on to the region you select from this filter and only shows the data for the counties under that region (Figure 8).

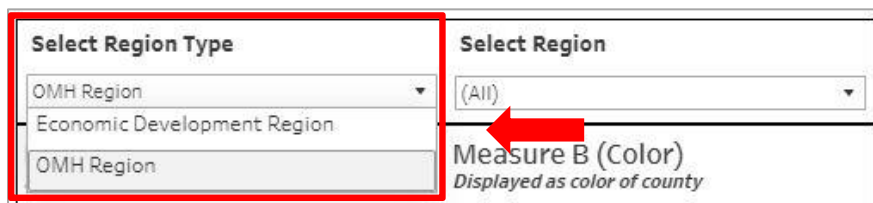**Figure 5. OMH Needs Assessment Map Tableau – Region Type Filter**

Figure 6. OMH Needs Assessment Map Tableau – Region Filter (OMH Regions)

Figure 7. OMH Needs Assessment Map Tableau – Region Filter (Economic Development Regions)
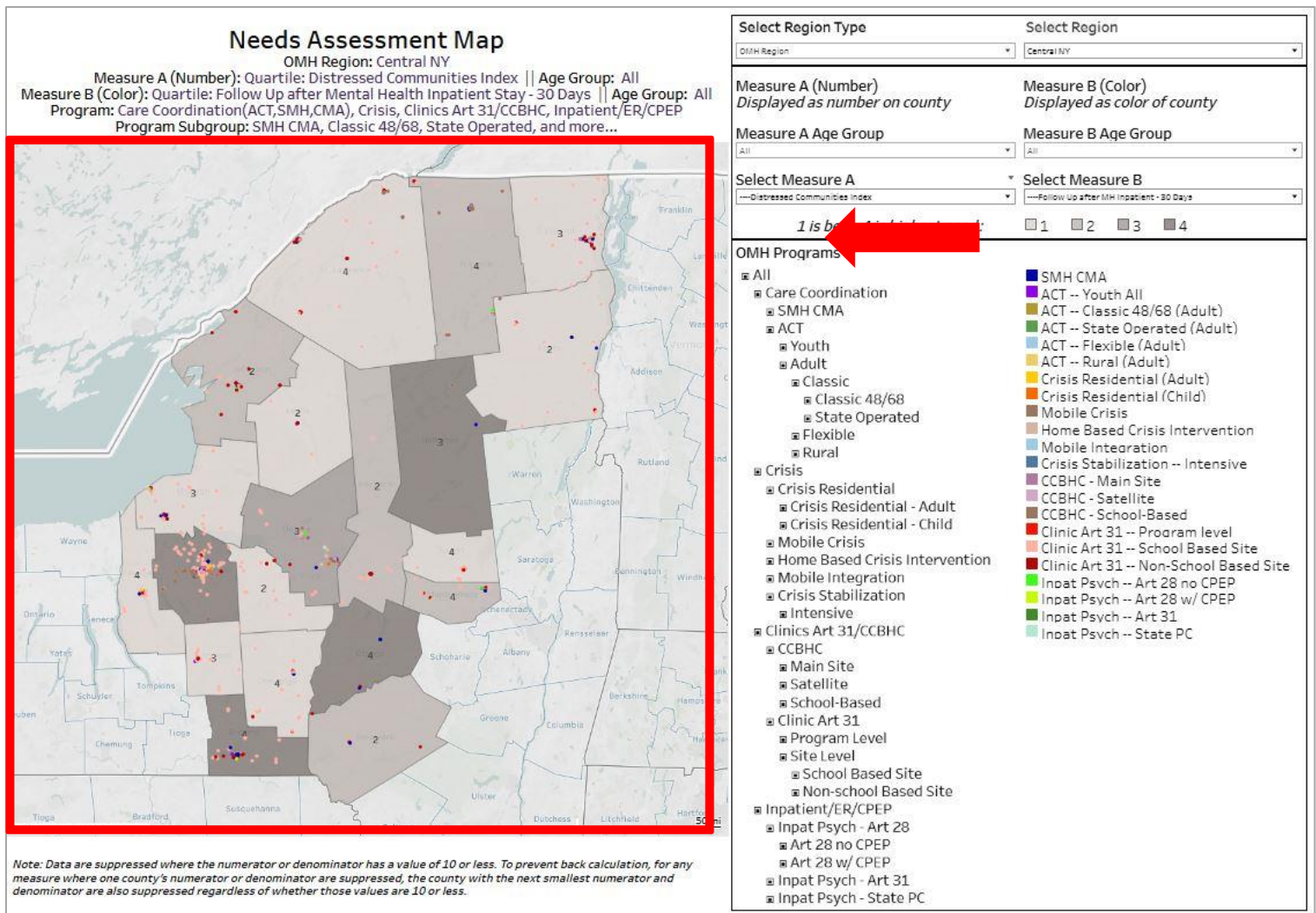
Figure 8. OMH Needs Assessment Map Tableau – Zoomed-in Map (Central NY)

- o You can select two different measures to display as county-level data on the map (Figure 9). Measure performance rates are shown by quartile.

  - Users can select the first measure using the "Select Measure A" filter.

    - Measure A is displayed as the number appearing on the county ranging from 1 to 4. The number represents the quartile associated with the performance rate of the selected measure.

  - Users can select the second measure using the "Select Measure B" filter.

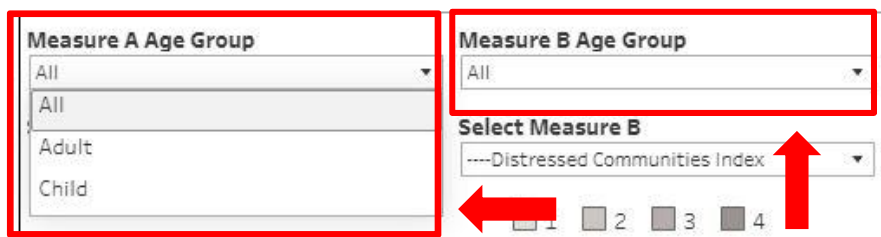   - Measure B is displayed as the color shade of the county,

ranging from light grey to dark grey. The color represents the quartile associated with the performance rate of the selected measure.

- When applicable, measures can be selected as either rates or counts, displaying either the rate within the population/sample or the number of instances.

o Both measure selection options have an Age Group dropdown menu (displayed right above the measure dropdowns) associated with them that filters the measure dropdown list (Figure 10).

- The "All" Age Group selection allows a user to view every available measure in the dropdown list including those that pertain to the total population, adult population, or child population. The "Adult" and "Child" Age Group selections will restrict the dropdown list to measures that pertain to the respective age group.

Figure 9. OMH Needs Assessment Map Tableau – Measure Filter and Dropdown Options

Figure 10. OMH Needs Assessment Map Tableau – Age Group Filter

- o The highest need (or the lowest performance) quartile will appear as 4 or dark grey.

- o By hovering over the county shade and county number, users can see additional detail about the selected measures, including, if relevant and available, the measure numerator, denominator, rate, and quartile by county (Figure 11).

- o The map also includes OMH program and Inpatient/ER/CPEP locations plotted as dots on the map (Figure 12).

  - Users can filter what programs they want to see on the map using the checkboxes next to the program names.

  - Program types are color coded and the key on the right shows the color of the program type (Figure 13).

  - You can hover over the dots to see the tooltip displaying County, Program Type, Program Subgroup, Facility Name, and Program Name (Figure 14).

- The dynamic title at the top of the map shows selected Region Type, Regions, Measure A, relevant Age Group for Measure A, Measure B, relevant Age Group for Measure B, Program, and Program Subgroup (Figure 15).

Figure 11. OMH Needs Assessment Map Tableau – Tooltip
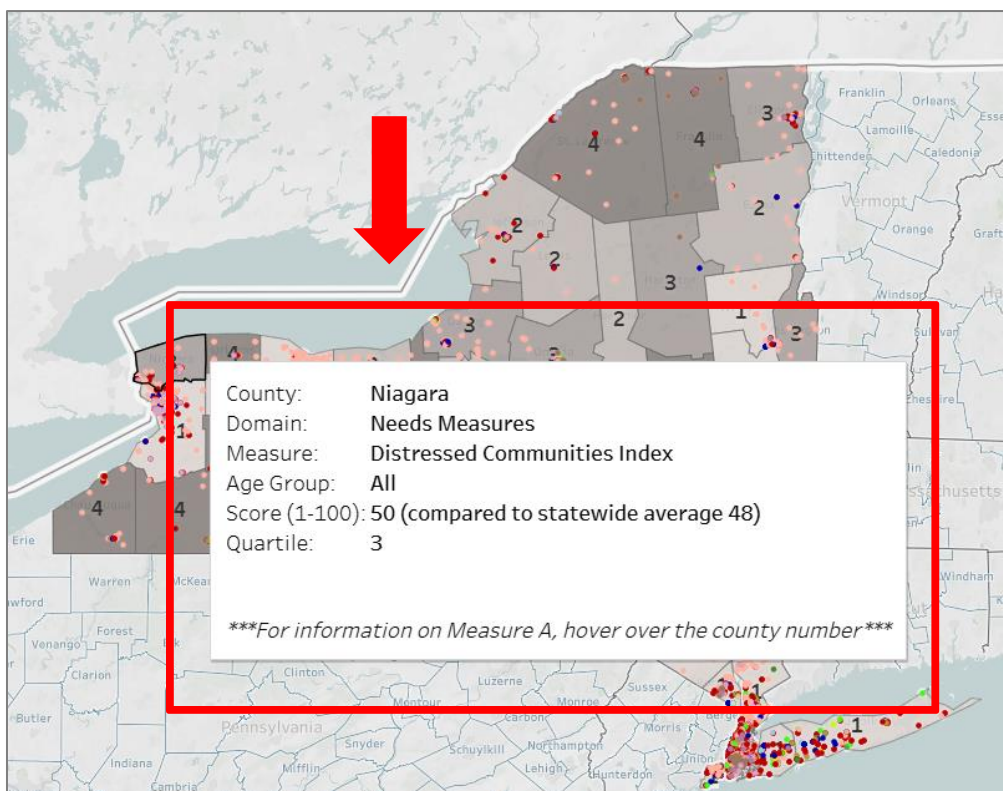

Figure 12. OMH Needs Assessment Map Tableau – Program Locations on the Map
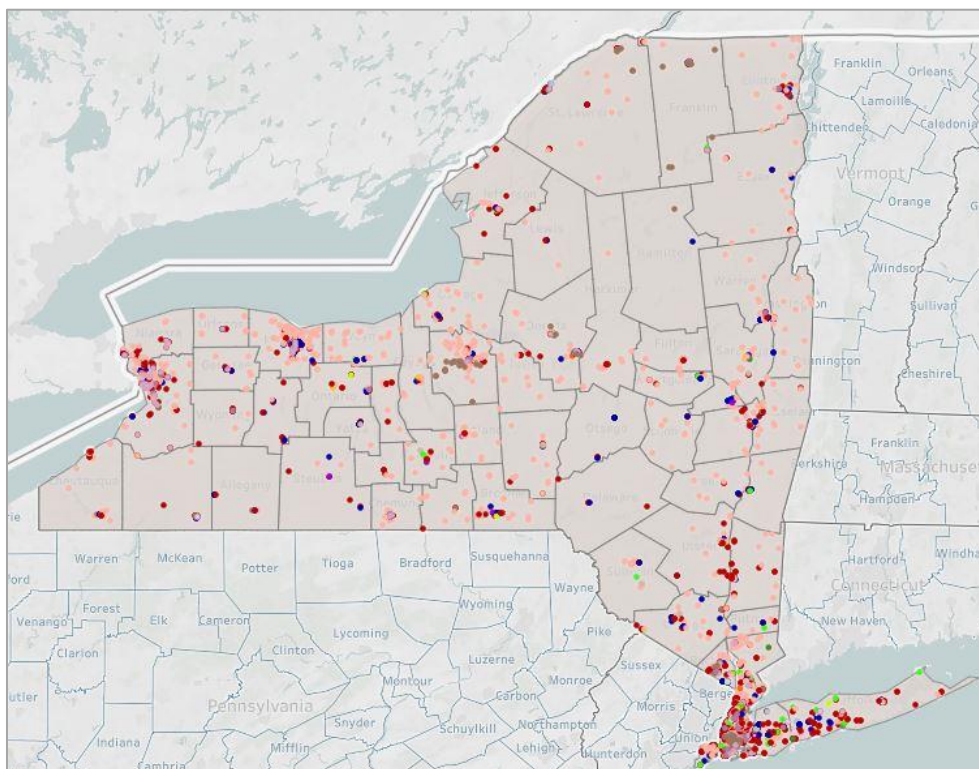
Figure 13. OMH Needs Assessment Map Tableau – Programs List and Legend
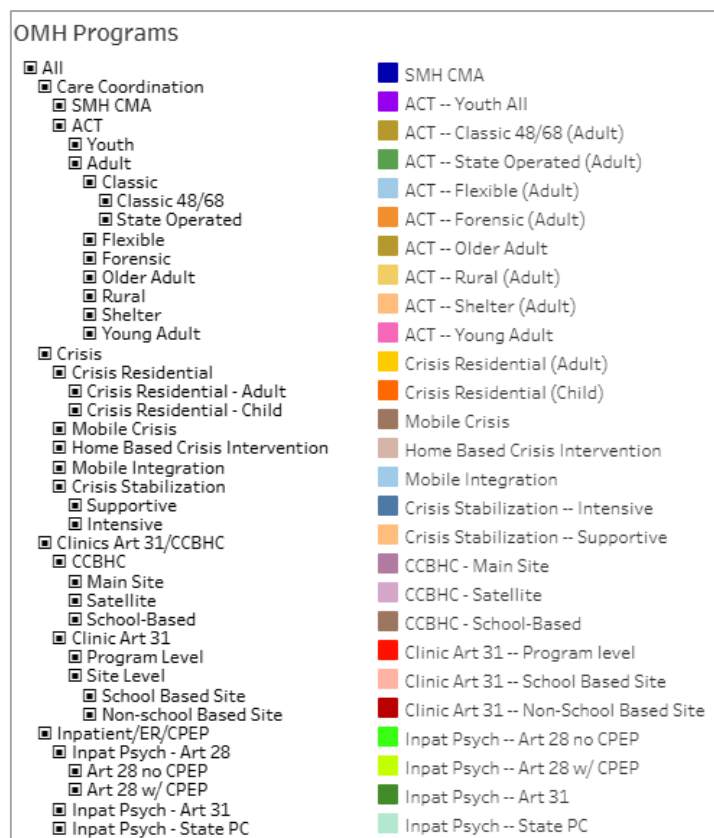
Figure 14. OMH Needs Assessment Map Tableau – Program Location and Tooltip
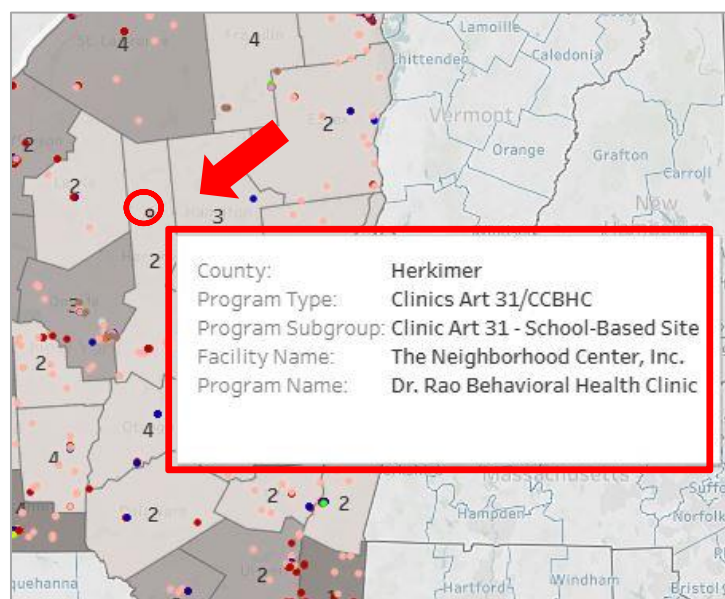
Figure 15. OMH Needs Assessment Map Tableau – Dynamic Map Title
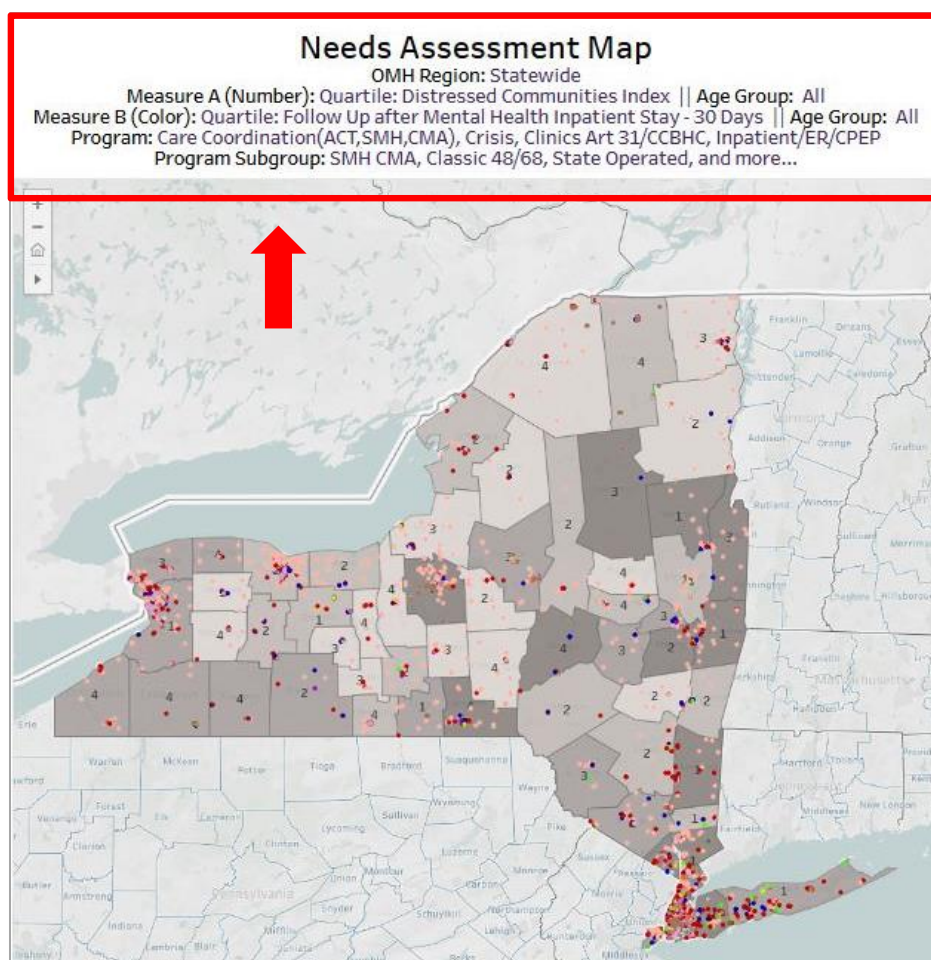
- You will automatically see Region Type as OMH Region, Region as "All", Age Groups as "All", "Distressed Communities Index" for Measure A, "Follow Up after MH Inpatient – 30 Days," and "All" OMH Programs when you land on the Dashboard.

- Data are suppressed where the numerator or denominator has a value of 10 or less. To prevent back calculation, for any measure where one county's numerator or denominator are suppressed, the county with the next smallest numerator and denominator are also suppressed regardless of whether those values are 10 or less. Therefore, you might not see data for a county if their data is suppressed.

Tab 2: Definitions

- The second tab of the dashboard, Definitions, shows some important information about the measures included in the Tableau.

- This tab shows the following information in tabular format: Domain, Full Measure Name, Abbreviated Measure Name, Detailed Definition, Numerator, Denominator, and Data Source & Timeframe (Figure 21).

Figure 21. OMH Needs Assessment Map Tableau – Definitions Tab

	Dashboard	Definitions					

Definitions

Domain	Full Measure Name	Abbreviated Measure Name	Detailed Definition	Numerator	Denominator	Data Source & Timeframe
Needs Measures	Quartile: Distressed Communities Inde	Distressed Communities Inde	Economic Innovation Group's Distressed Communities Index (DCI) is a single aggregate measure of economic well-being bas on seven demographic indicators by ZIP code. The Distressed Communities Index is based on education, housing, employme poverty, income, housing, and business metrics. The DCI is derived from the U.S. Census Bureau's Business Patterns and American Community Survey 5-Year Estimates for 2019-2023, and sorts zip codes into quintiles of well-being: prosperous, comfortable, mid-tier, at risk, and distressed. In all, the DCI captures more than 99 percent of the U.S. population and 26,00 zip codes with at least 500 residents. This measure is defined by national rank and organized by quintile. Only one NYS coun (Franklin) falls within the fifth quintile, therefore quintiles have instead been organized by quartile. The single NYS county (in the fifth quintile was recategorized into the fourth quartile. All other county rankings remain unchanged.	Not Available	Not Available	The Economic Innovation Group (U.S. Census Bureau Business Patterns, American Community Survey from 2019-2023)
	Quartile: Poverty Rate - All	Poverty Rate - All	Percent of total population who fall below the federal poverty line. Following the Office of Management and Budget's Direc the Census Bureau uses a set of money income thresholds that vary by family size and composition to determine who is in poverty. If the total income for a family or unrelated individual falls below the relevant poverty threshold, then the family a individual in it or unrelated individual is considered in poverty.	Not Available	Not Available	American Community Survey from 2019-2023

Frequently Asked Questions

Question	Answer
What is the Needs Assessment Map Tableau?	The Needs Assessment Map Tableau is an interactive Tableau report that includes a map of NYS which displays various health- and service-related measures within several different domains at the county-level. The map also helps better understand the locations of current OMH programs and services and the characteristics of NYS counties and regions.
What data is included in the Needs Assessment Map Tableau?	The Needs Assessment Map Tableau contains data from various sources including CDC surveillance data, NYS Medicaid, US Census, and others. Different measures are sourced from different data sources.
How can I access the Needs Assessment Map Tableau?	The Needs Assessment Map Tableau can be accessed using the following link: https://omh.ny.gov/omhweb/tableau/needs-assessment.html
Is the Needs Assessment Map Tableau publicly available?	Yes, the Needs Assessment Map Tableau is publicly available on the OMH website. Please feel free to share it!
Do you offer any technical support for using the Needs Assessment Map Tableau?	Yes! Please reach out to our team at the following email address: DataOPHE@omh.ny.gov