

Diabetes Prevalence

Recipe Name	View diabetes prevalence in your PHN catchment on the map
Rationale	Patients diagnosed with diabetes are eligible to register with the National Diabetes Services Scheme (NDSS) ¹ . By identifying the population of people with Diabetes within your PHN or organisation area and viewing it on a map will help you target areas with the highest prevalence of diabetes. Any other chronic disease can be used in the same way to map that prevalence.
Target	Areas in your PHN or organisation with the most people suffering from Diabetes that can be targeted to find out patients that are not registered for NDSS (National Diabetes Services Scheme).
PAT CAT Starting Point	<ol style="list-style-type: none"> 1. You are logged in to your organisation's PAT CAT 2. Population extract loaded and extract pane 'hidden' 3. Optional Only ★: Filter Pane Open and under the 'General' tab, "Active (3x < 2 years)" selected <p><i>*The decision to select either "Active" or "All" patient is left to the practice to make.</i></p>

¹ <https://www.diabetesaustralia.com.au/ndss>

Aggregated population of people with Diabetes:

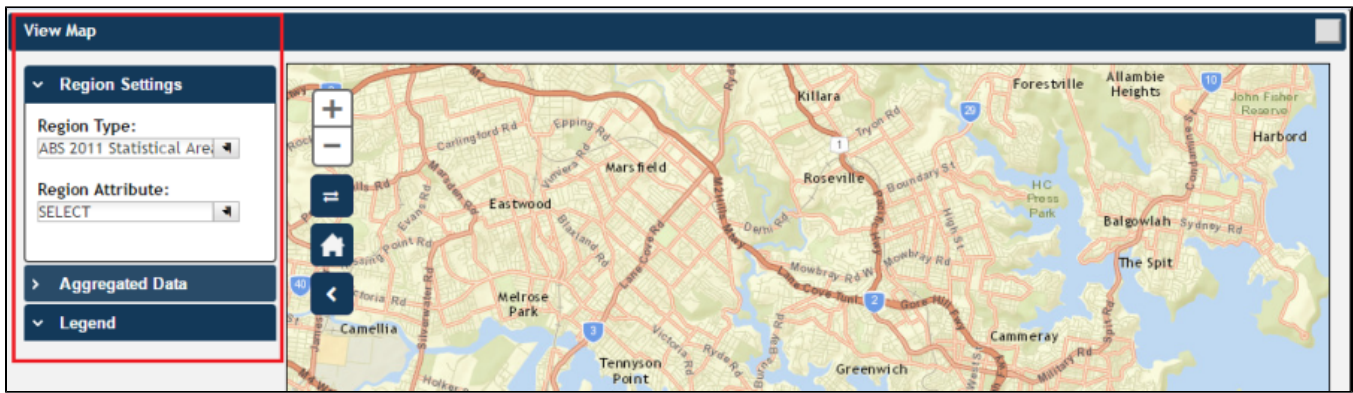
1. In Filter pane
 - a. Select **Conditions** tab.
 - b. Click **Chronic** tab.
 - c. Under **Diabetes** click the **Yes** check box.

The screenshot shows the PAT CAT software interface. The top navigation bar includes icons for Import, Hide Extracts, Hide Filters, Reports, Population, Prompts, PAT CAT Reports, Cleansing PAT, PAT CAT Network, Clear Filters, and Recalculate. The main area is divided into tabs: General, Practices, Ethnicity, Conditions, Medications, Results, and Saved Filters. The 'Conditions' tab is active, showing sub-tabs for Chronic, Mental Health, and Other. Under the 'Chronic' sub-tab, the 'Diabetes' checkbox is checked. Other checkboxes for 'Respiratory', 'Cardiovascular', 'Musculoskeletal', and 'Renal Impairment' are also visible. A 'Clear Conditions' button is at the bottom right.

Click **Recalculate**

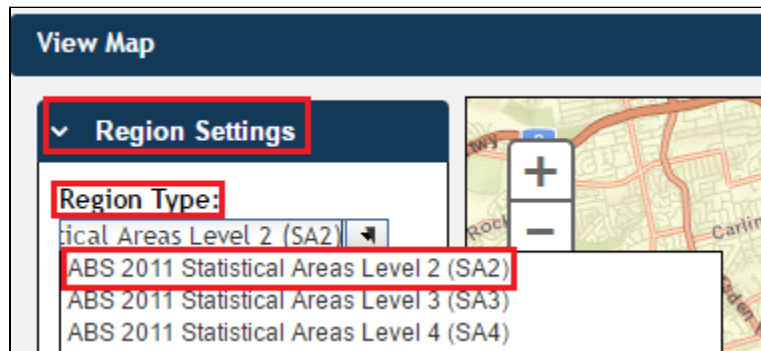
Click **Hide Filters**

1. In any of the reports from the **Reports** pane click **View Map** button.
2. In the View Map window
 - a. In the left section you can select the **Region Settings**, filter your **Aggregated Data**, and can see the range of the population under **Legend**.



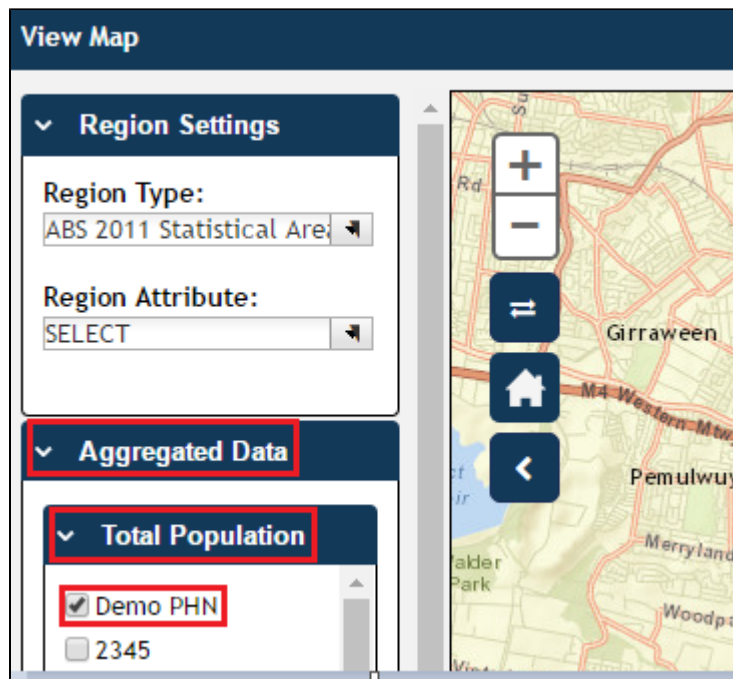
Note: Click [here](#) for more information on View Map window.

1. a. Under **Region Settings** then **Region Type** select '**ABS 2011 Statistical Areas Level 2 (SA2)**', the lowest level of Australian Statistical Geography Standard (ASGS) structure for which estimated resident population, health and vitals and other non-census ABS (Australian Bureau of Statistics) data are generally available.



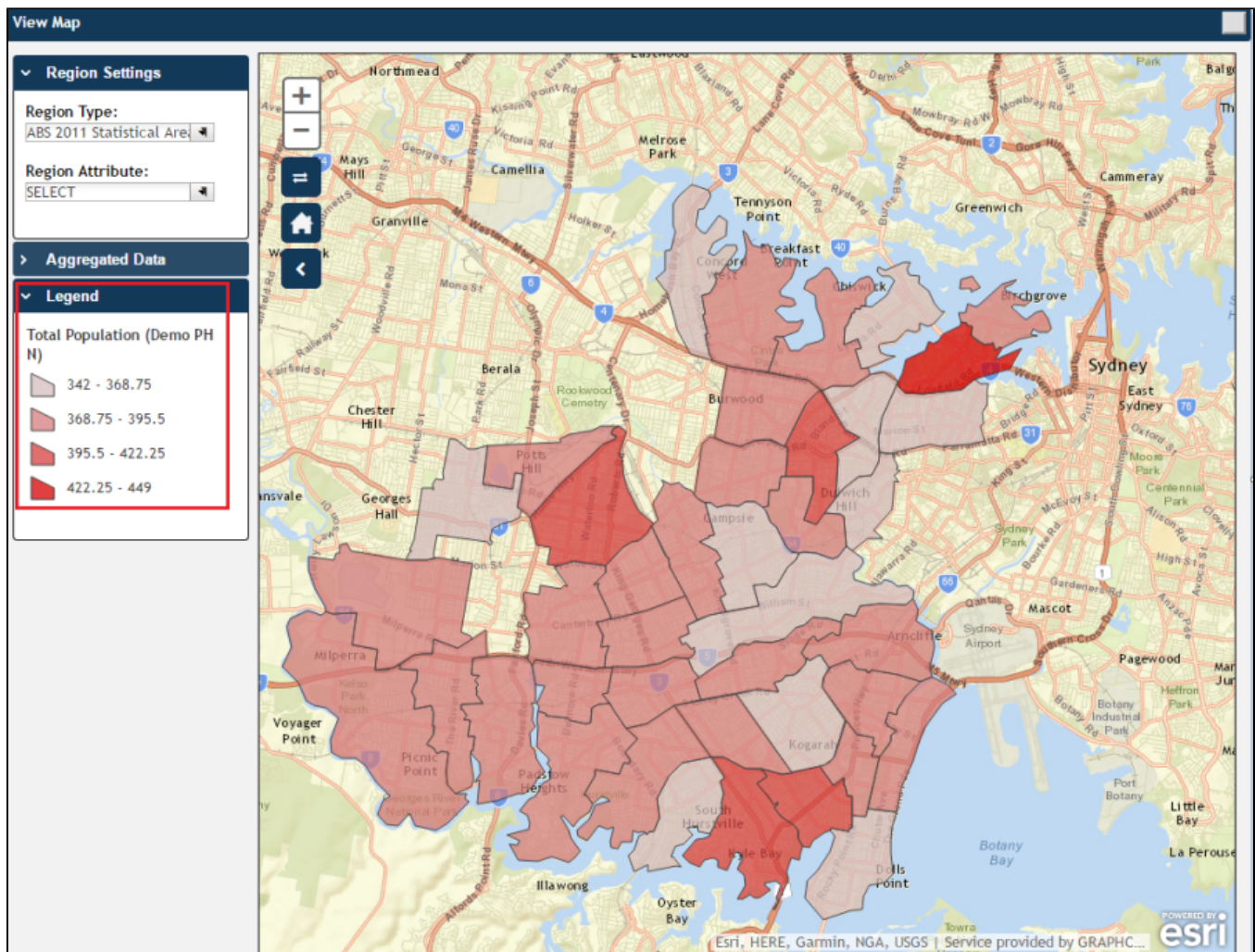
Note: Click [here](#) for more information on Region Type.

1. a. Under **Aggregated Data** click **Total Population** then select the PHN or other organisation (indicated by your organisation's name) or the individual practice (indicated by the Practice ID). We will select **Demo PHN** for the purpose of this recipe.



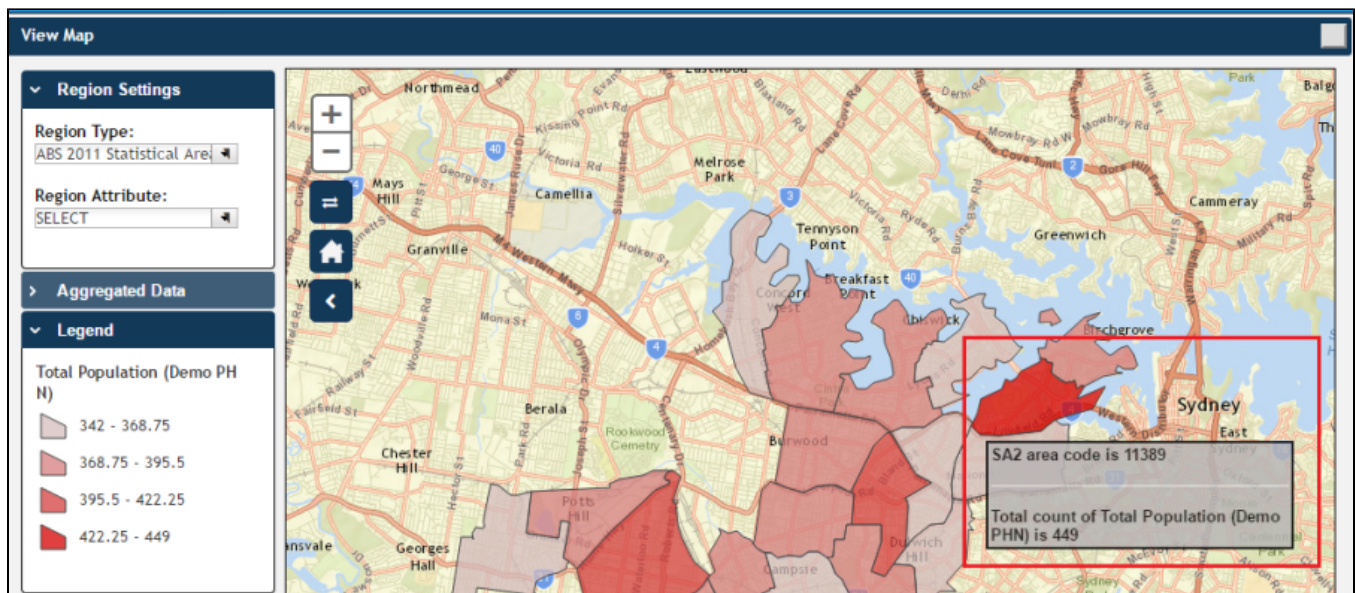
Note: If you are logged on as a practice, you will only see drop downs relating to the entire PHN or other organisation and the practice which you have logged on as.

The **Legend** is updated to show the **colour coded population numbers**.



The map then displays **the aggregated population of people with Diabetes for Demo PHN area**. Notice that the darker coloured sections of the map indicate a greater population of people with Diabetes.

Hovering your mouse pointer over a map segment or colour coded section of the map allows you to see the **exact Aggregated Data count for that segment**.



Note: PAT CAT will not display patients in an area where the number drops below
You can interact with the map:

- Click and drag to move the map.
- Click the + and – to zoom in and out.



- Click the Change Basemap symbol to cycle through a range of map types, displaying satellite images, roads, etc.



- The house symbol will bring you to the default Sydney area.