CartoVista

CartoVista Publisher Start-up Guide

Version: 6.1

Last Update: September 12, 2018

cartovista.com

About CartoVista

CartoVista makes it possible to create detailed analyses and optimized communications by putting data on a map. With innovative solutions, **CartoVista** solves business problems and enables communication in a wide range of industries.

The company's head office is located at:
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For more information on our products and professional services, please visit our website (www.cartovista.com).

Technical Support

If you encounter problems working with **CartoVista**, our technical support experts can help. Technical support includes referrals to documentation, assistance with error messages and suggestions for causes of error messages.

Technical Support is available in North America Monday - Friday from 8:00 am - 4:00 pm EST, excluding holidays. Please remember to include your serial number or contract number when contacting technical support.

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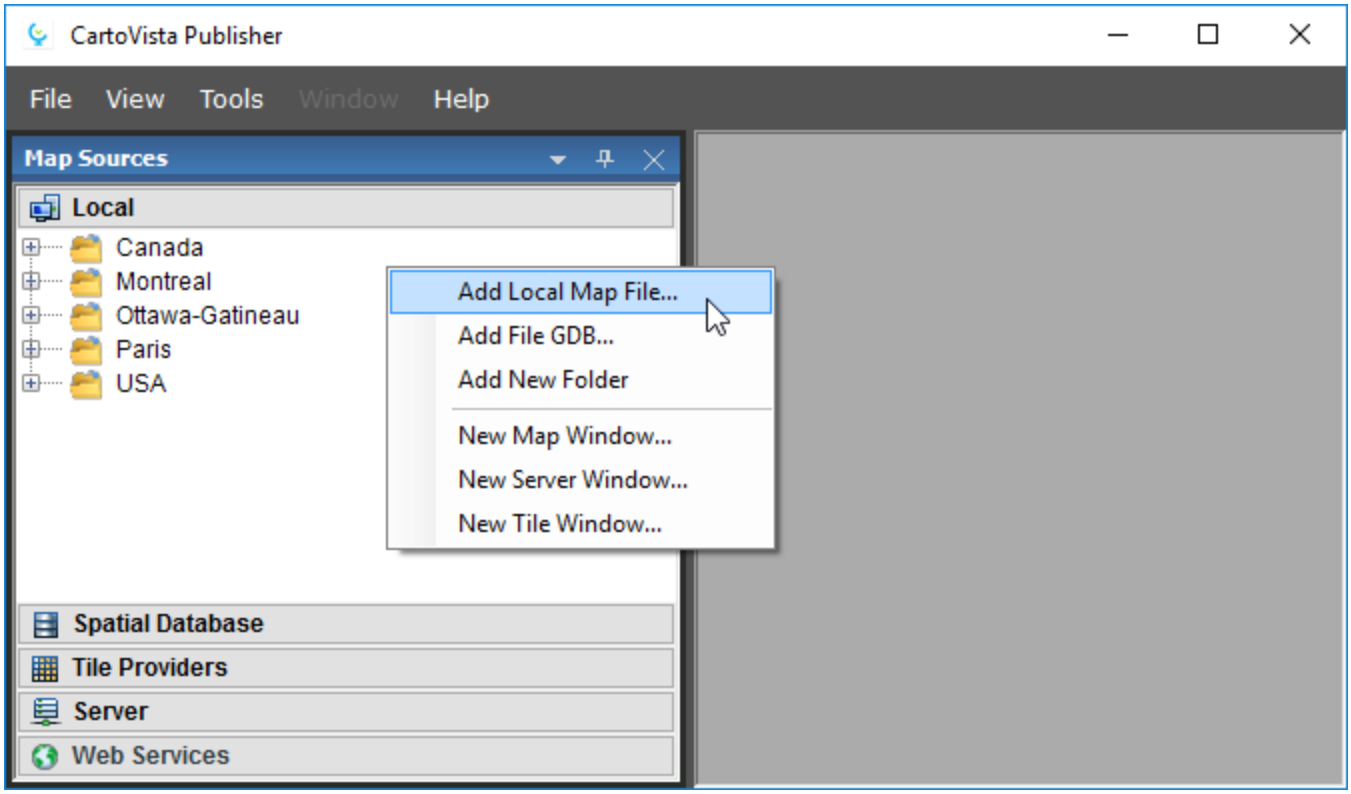
CartoVista Publisher Start-up Guide

The purpose of this guide is to go through the basic steps to create and publish a map with the **CartoVista Publisher**.

- Create a Map (on the next page)
- Modify the Styles (on page 6)
- Define Thematic Data (on page 9)
- Create Thematic Analyses (on page 15)
- Publish the Map (on page 18)

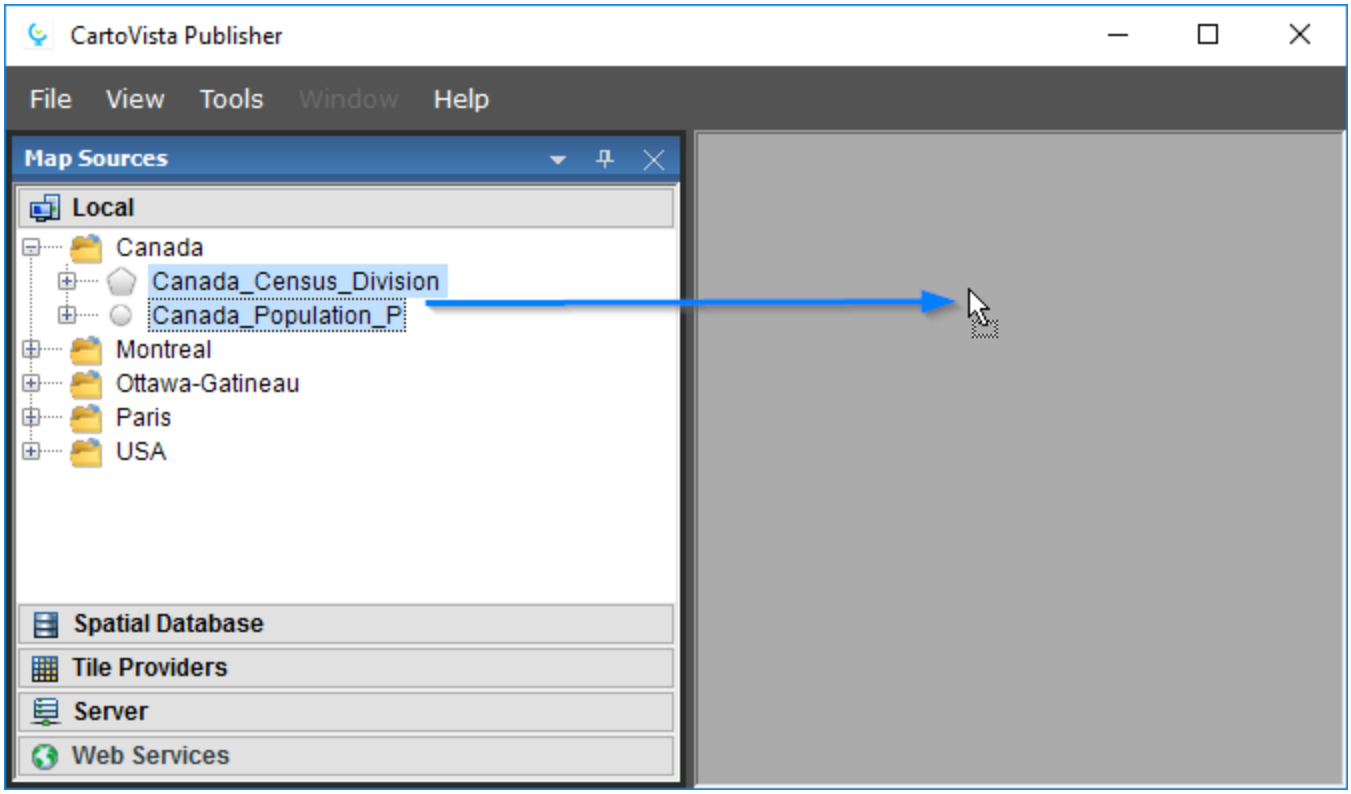
Create a Map

This example uses the Canada sample data included with the **CartoVista Publisher**. You can also use your own map files by right-clicking in the **Map Sources Manager** and selecting **Add Local Map File**.



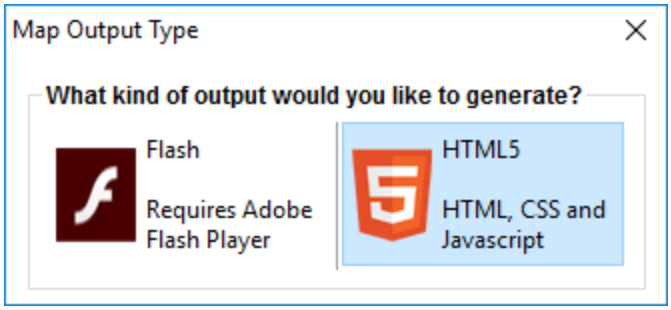
Drag and Drop

Drag and drop a map source file from the **Map Sources Manager** to the main program area to create a map window with a single layer. Note that it is possible to select multiple layers by using the SHIFT or CTRL keys.



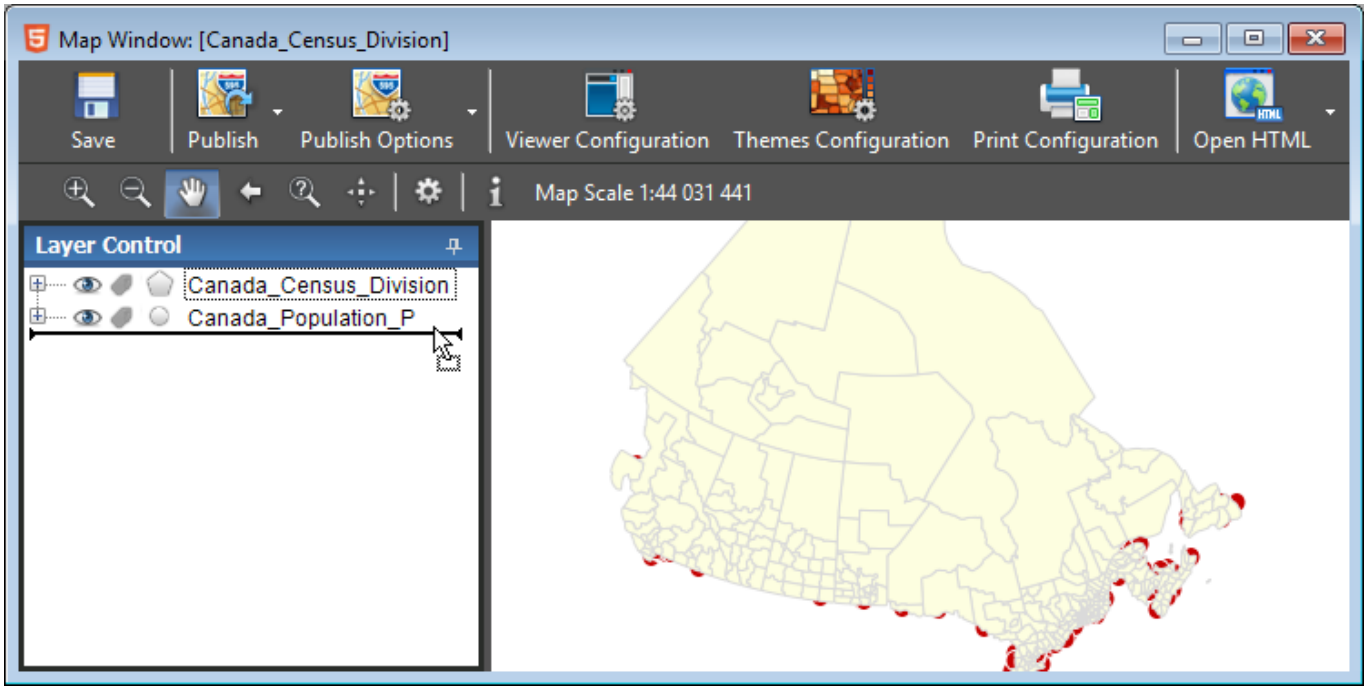
Select an Output Format

When creating a new map window, you will be asked to select the output format. Select **HTML 5** by hitting enter or clicking the button.



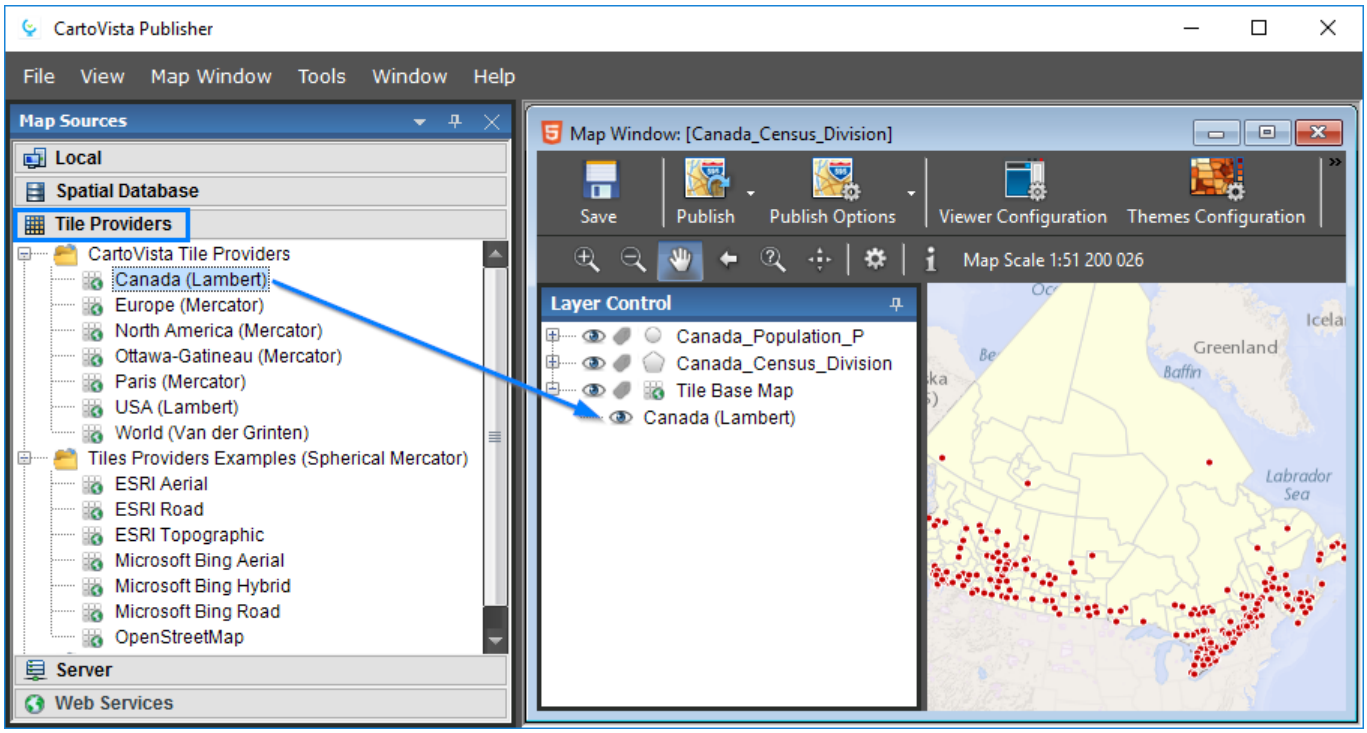
Modify the Order of Layers

It is possible to change the order of the map layers using drag and drop. An insert bar will show you where the layer you are moving will be positioned.



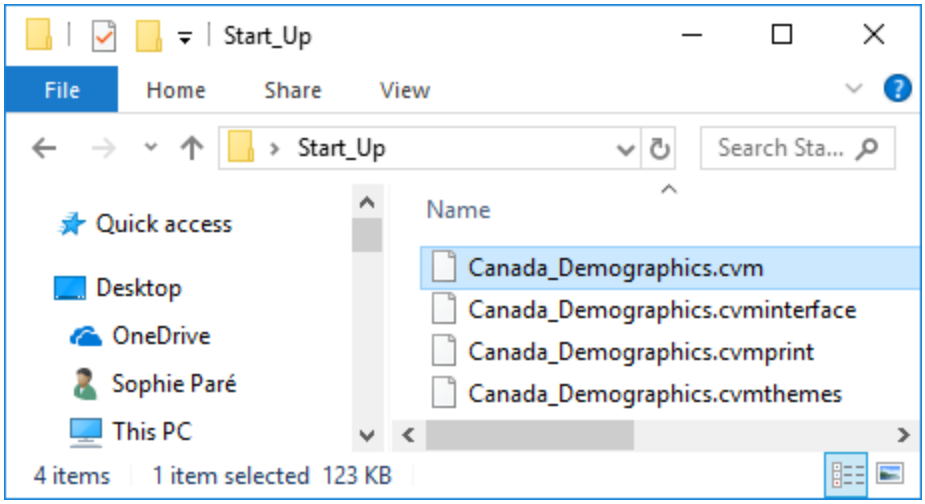
Add a Tile Base Map

To add a background tile base map, drag one of the tile providers that are provided by default with the **CartoVista Publisher** from the **Tile Providers** section of the **Map Sources Manager** and drop it in the map window.



Save

The main elements of the map are already in place. Before going further, save your map window in the directory of your choice. The main file extension of the map window is CVM.

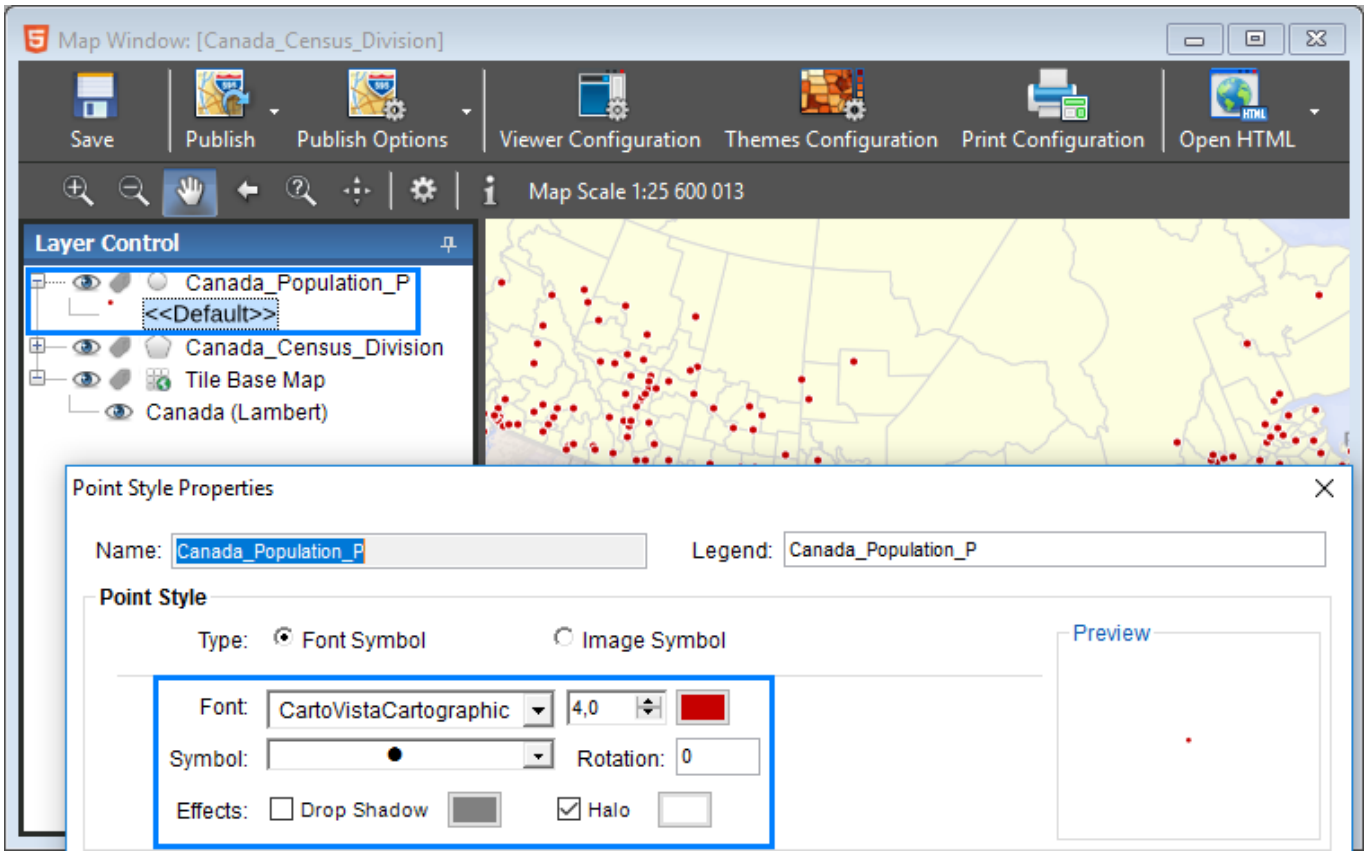


Modify the Styles

Several layer properties can be modified to fine-tune the styles of the map.

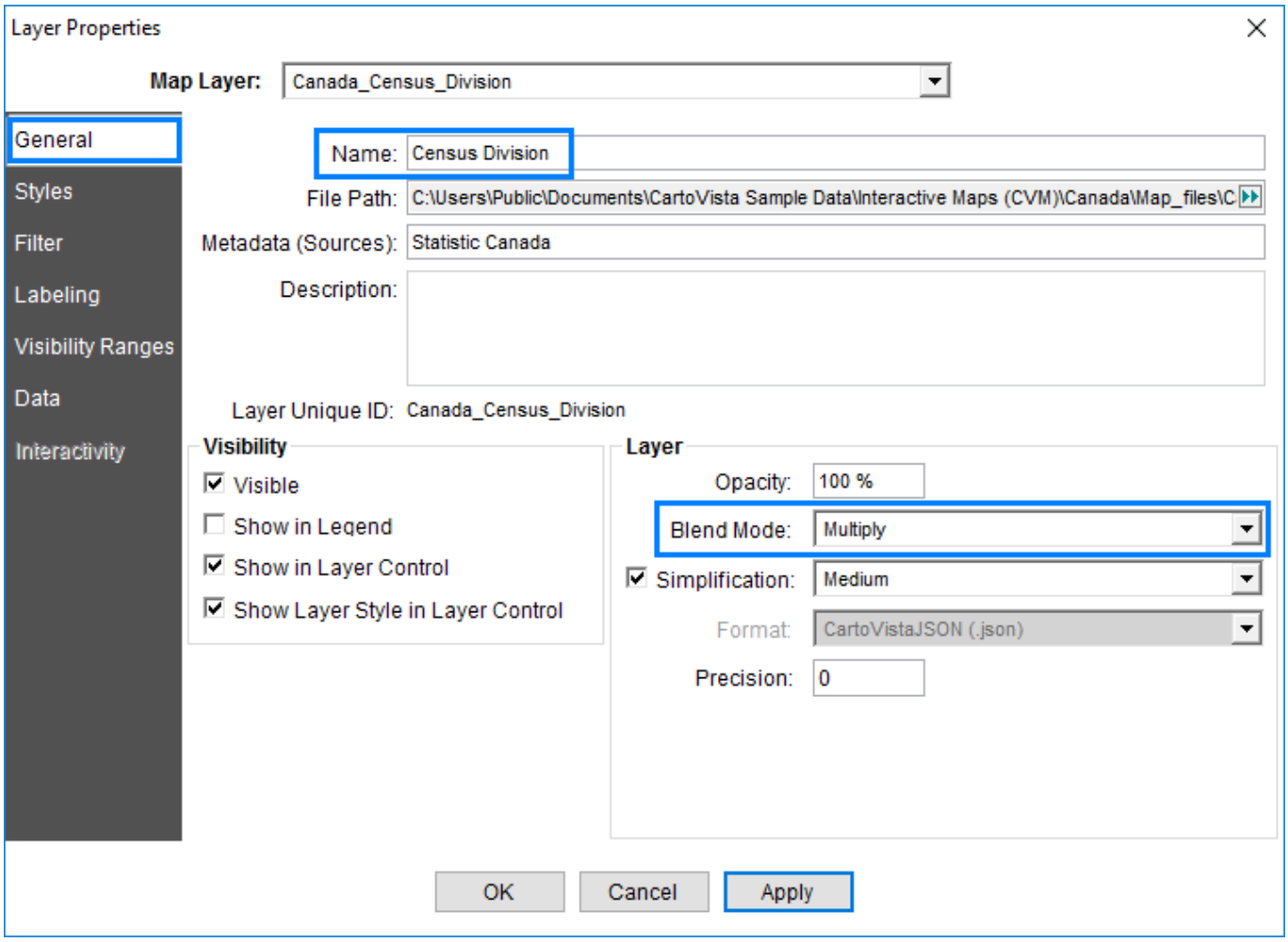
Quickly Modify the Style of a Layer

In the Layer Control, expand node located on the left of a layer and double-click the **<<Default>>** symbol. Many settings can be adjusted in the **Style Properties** dialog such as the size, color and shape.



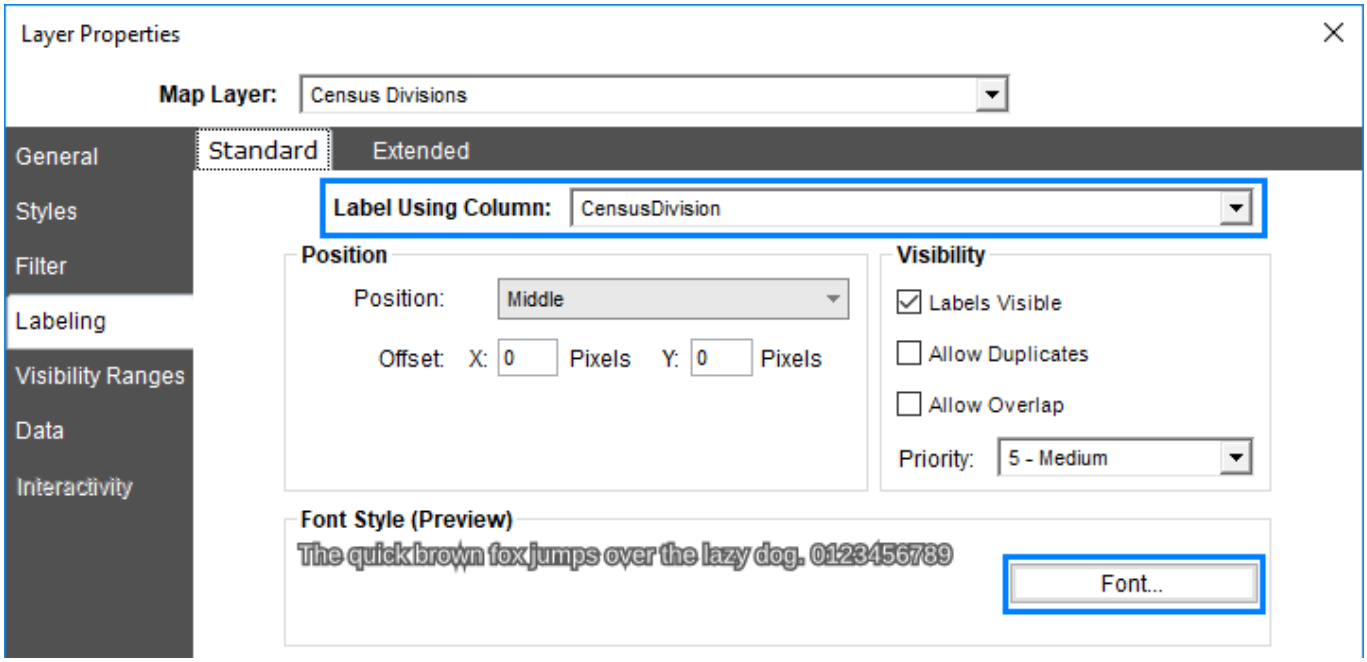
Modify the Layer Properties

Many other settings can be adjusted by double-clicking the layer's node in the **Layer Control**. For example, it is possible to change the name of a layer in the General tab of the Layer Properties dialog. In addition, you can apply a **Multiply Blend Mode** on a polygon layer. This property allows you to see the base map by transparency, without changing the **Opacity** of the layer's fill color.



Display Labels

Add labels to the map by selecting the labelling column, using the drop-down of the option **Label Using Column**. You can change the style of labels by clicking **Font**.

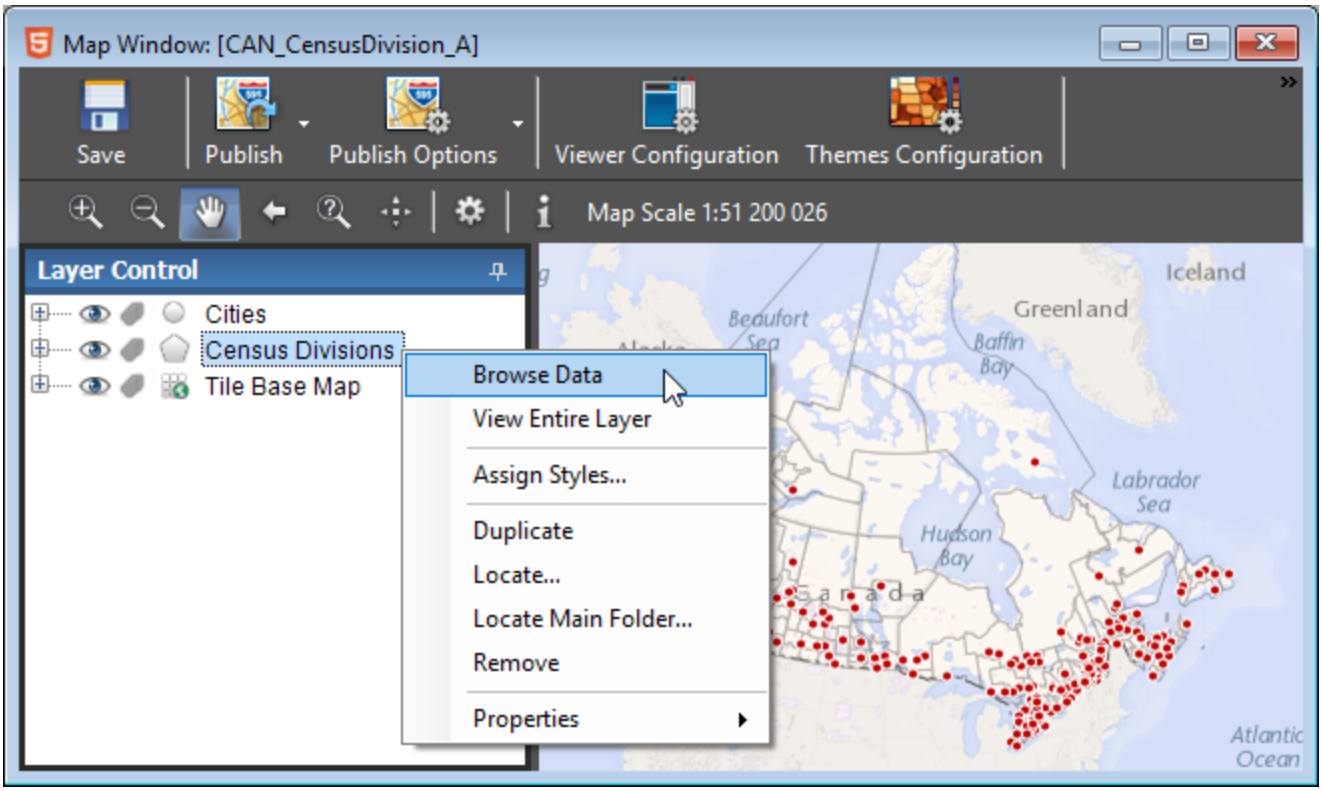


Define Thematic Data

It is possible to create thematic analyses on the spatial distribution of statistical data. This data can come from the map layers or from external files.

Open the Data Table

The first step is to get familiar with the data available. In the **Layer Control**, right-click on a layer and click **Browse Data**.



Pay attention to the data column name, type and content.

Map File Table: CAN_CensusDivision_A

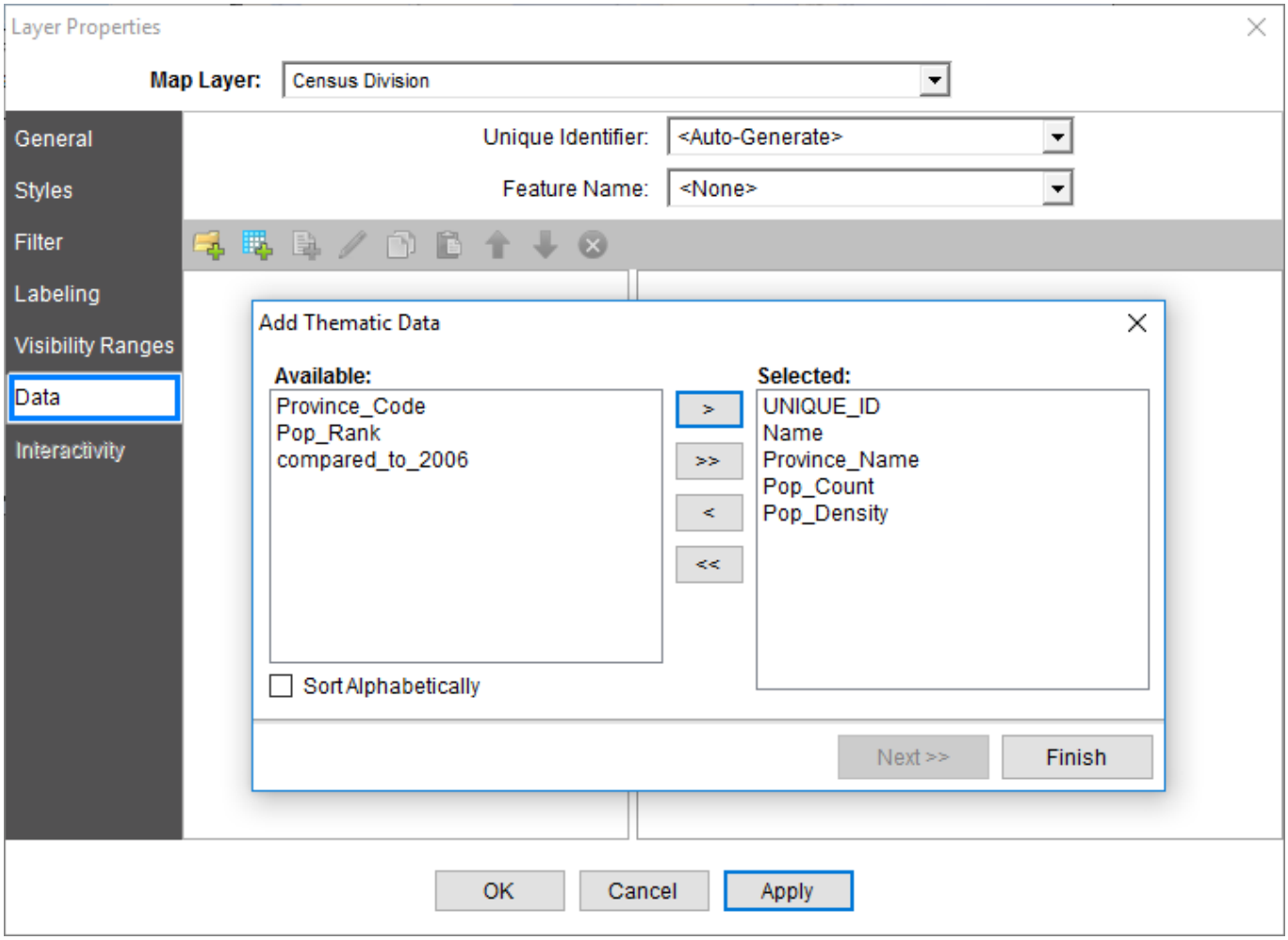
Drag a column here to group by this column.

UNIQUE_ID	CensusDivision	Province_EN	Province_FR
Contains:	Contains:	Contains:	Contains:
1001	Division No. 1	Newfoundland and Labrador	Terre-Neuve-et-Labrador
1002	Division No. 2	Newfoundland and Labrador	Terre-Neuve-et-Labrador
1003	Division No. 3	Newfoundland and Labrador	Terre-Neuve-et-Labrador
1004	Division No. 4	Newfoundland and Labrador	Terre-Neuve-et-Labrador
1005	Division No. 5	Newfoundland and Labrador	Terre-Neuve-et-Labrador
1006	Division No. 6	Newfoundland and Labrador	Terre-Neuve-et-Labrador
1007	Division No. 7	Newfoundland and Labrador	Terre-Neuve-et-Labrador
1008	Division No. 8	Newfoundland and Labrador	Terre-Neuve-et-Labrador
1009	Division No. 9	Newfoundland and Labrador	Terre-Neuve-et-Labrador
1010	Division No. 10	Newfoundland and Labrador	Terre-Neuve-et-Labrador

293 of 293 rows

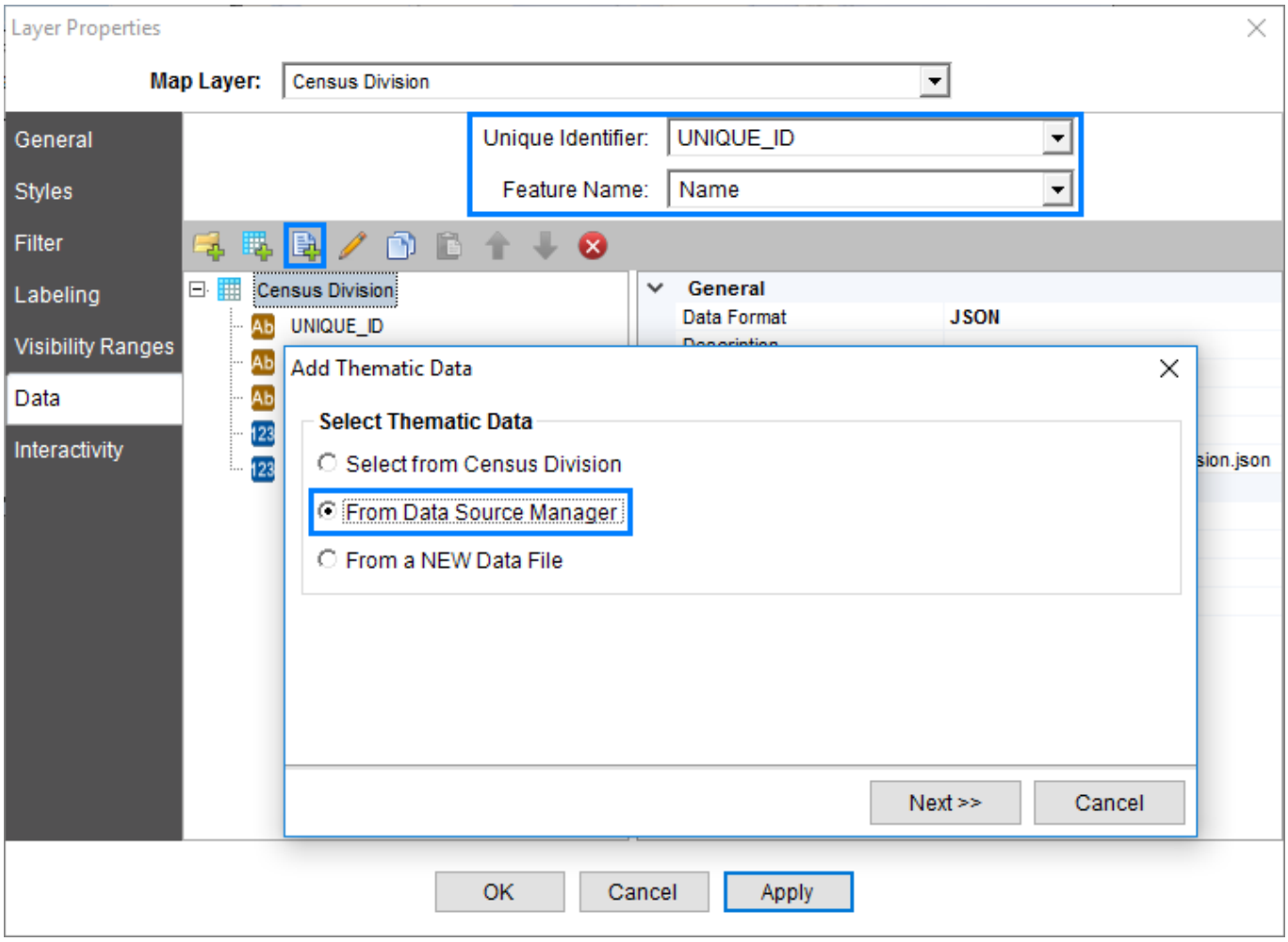
Add Data from a Layer

In the Data tab of the Layer Properties dialog, select the data of interest from the list of available data and then move them to the right hand list of selected data.



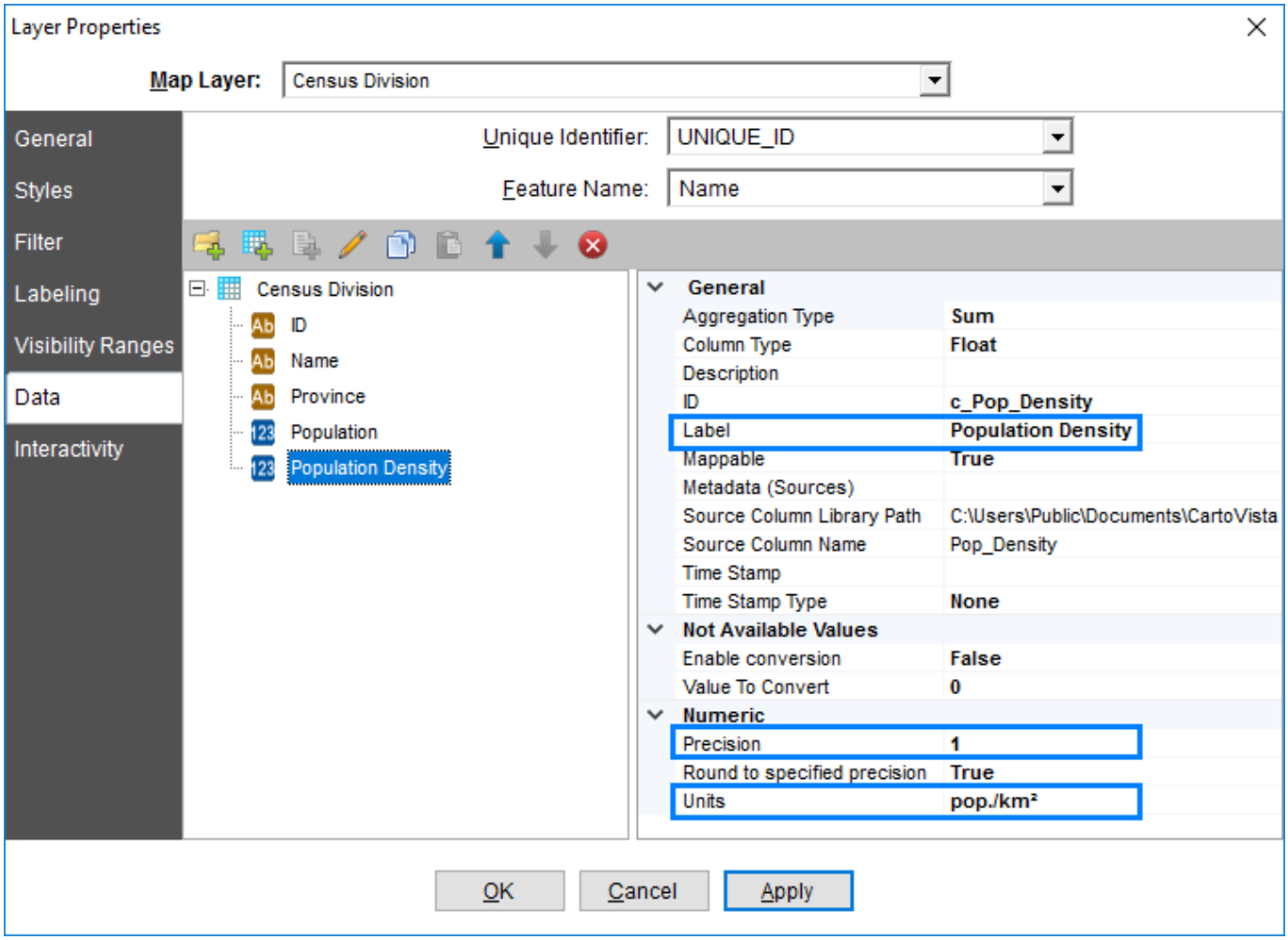
Add Data from an Excel File

To link the geographic entities to data from an Excel file, it is necessary to define the column of the layer that contains the **Unique Identifier**. You can also identify the column containing the **Feature Name** in order to improve the map. Once a unique identifier is selected, it will be possible to select thematic data from the **Data Sources Manager** by clicking on the icon **Add Thematic Data**. The user can select one of the files delivered with the **CartoVista Publisher** or add a local data file.



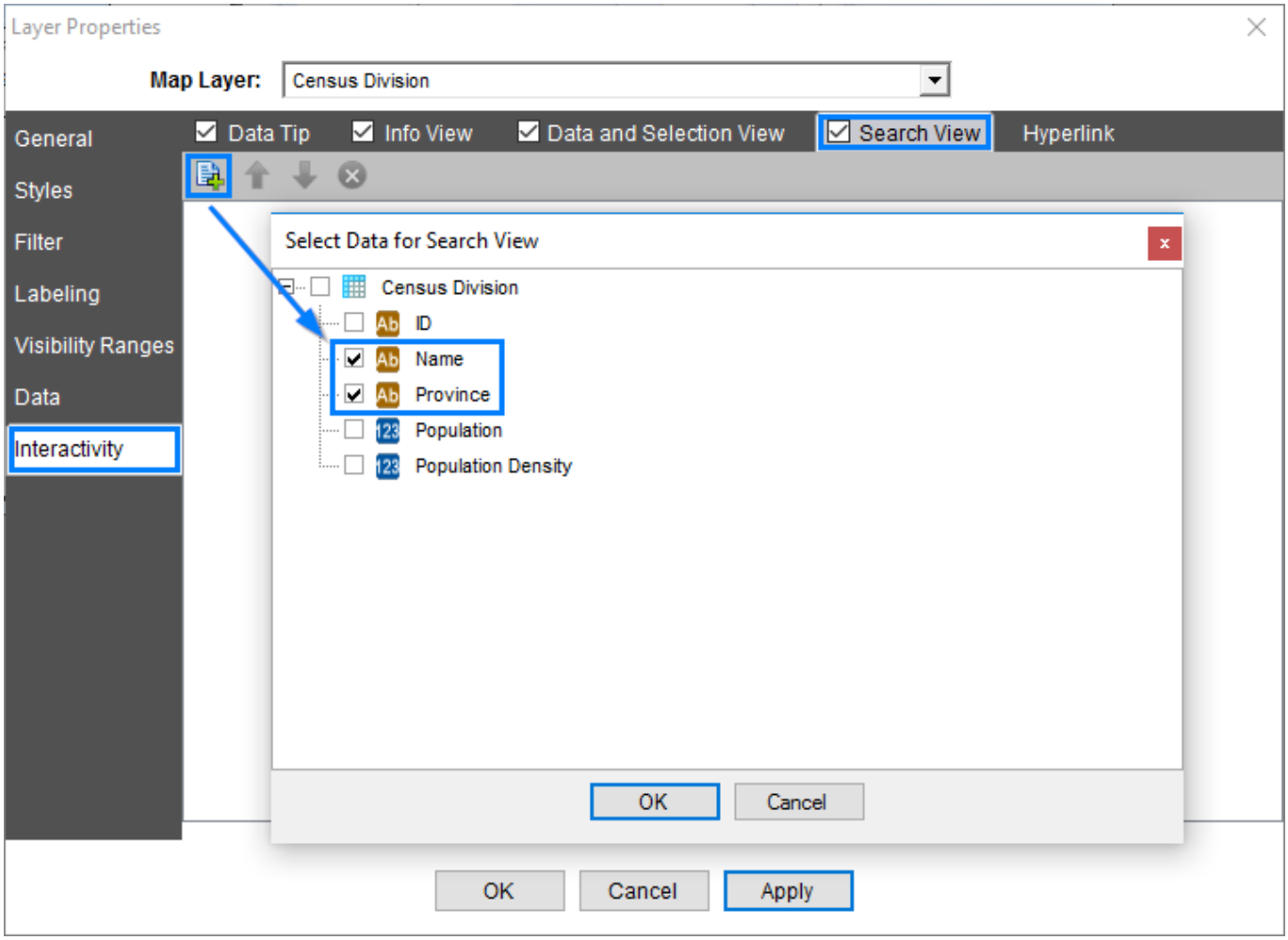
Modify Thematic Data Settings

It is possible to modify various settings for each thematic data, such as the **Label**, **Precision** and **Units**.



Make the Map Interactive

In the Interactivity tab of the Layer Properties dialog, it is possible to enable different options for how the data is displayed in the **CartoVista Viewer** such as: **Data Tip**, **Info View**, **Data and Selection View** and **Search View**. You can choose which data will be displayed for each option by using the **Add Thematic Data** icon.



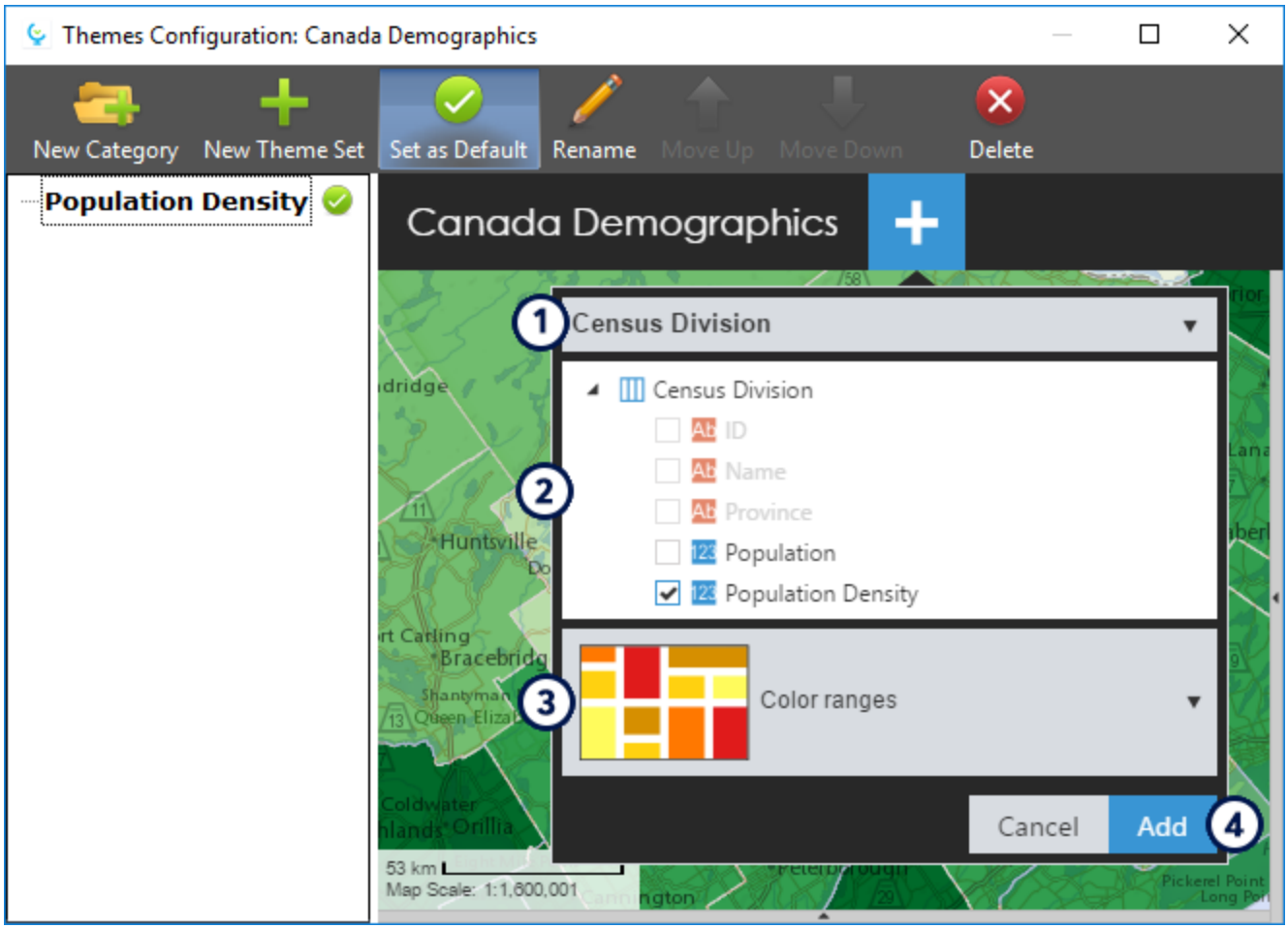
Create Thematic Analyses

You can now use the newly added thematic data to create thematic analyses. In the map window toolbar, click **Themes Configuration**.

In the Themes Configuration dialog, click **Create a New Thematic Analysis**.

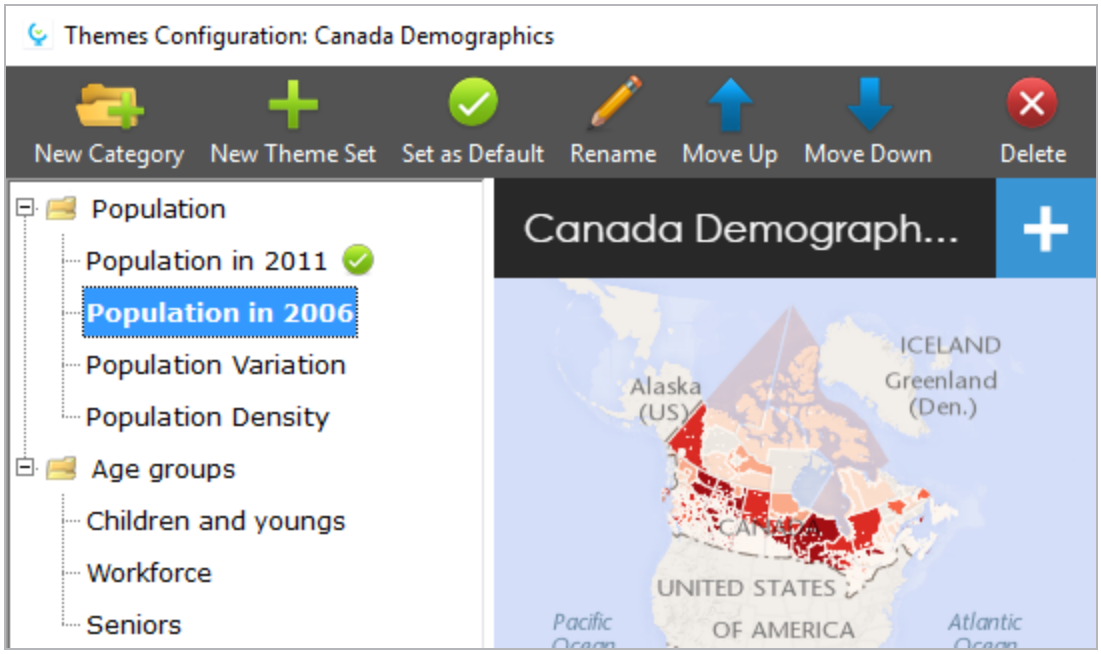
In the pop-up window, do the following steps:

1. Select a layer.
2. Check one or more thematic data to display.
3. Select a type of thematic analysis.
4. Click **Add**.

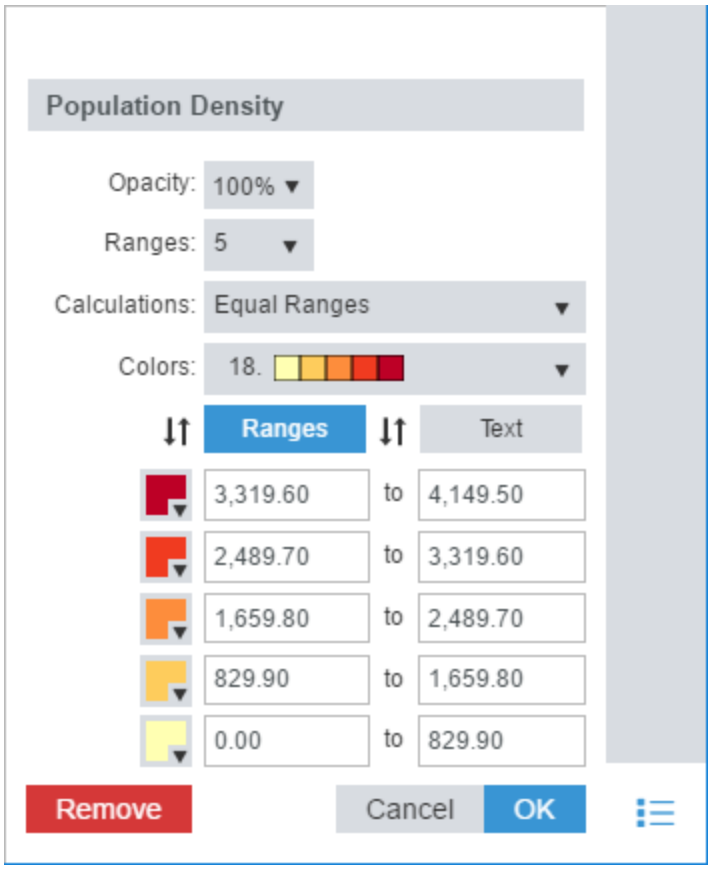


Using the top bar, you can also:

- Create multiple theme sets with different thematic analyses.
- Determine which theme set will be displayed by default.
- Rename and arrange the order of theme sets.



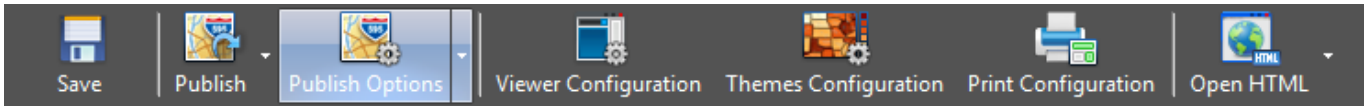
The style of each thematic analysis can be modified by using the legend settings.



Note that all changes made in this dialog will be automatically saved when the dialog is closed.

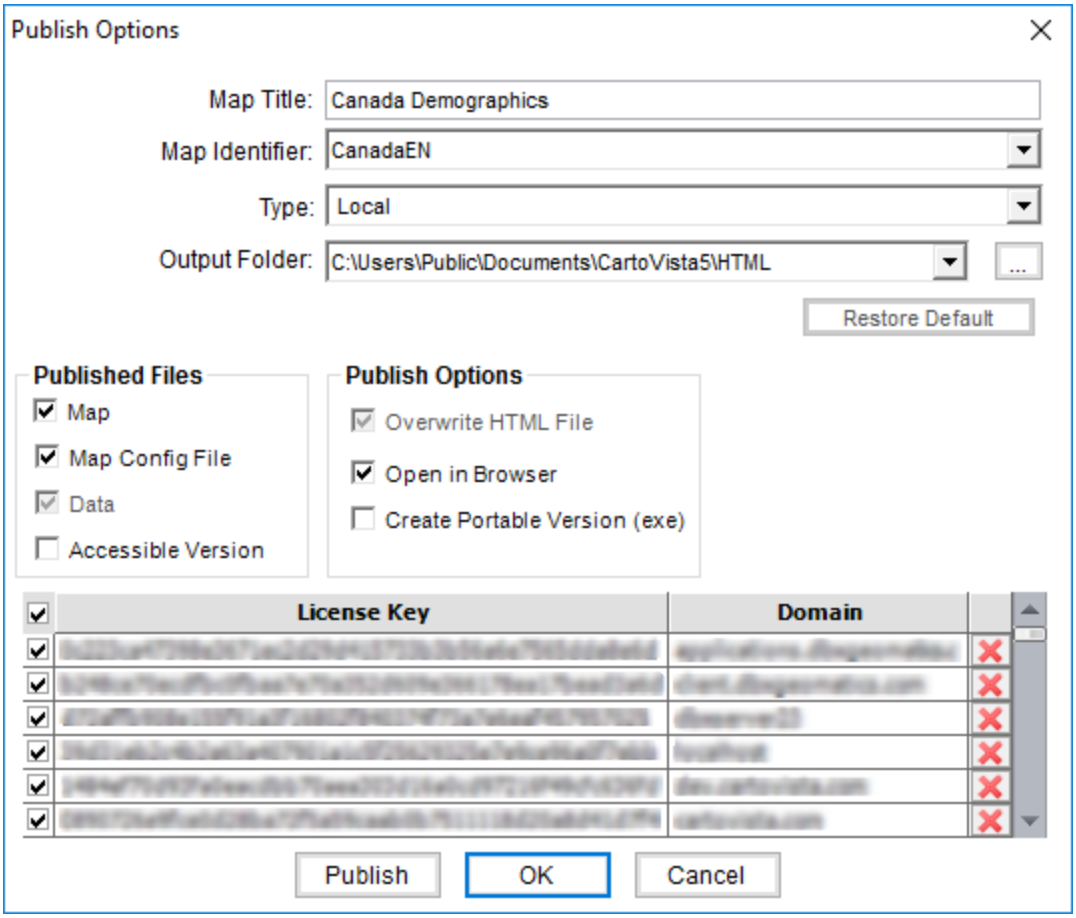
Publish the Map

Now is the time to publish the map! In the map window, click **Publish Options**.

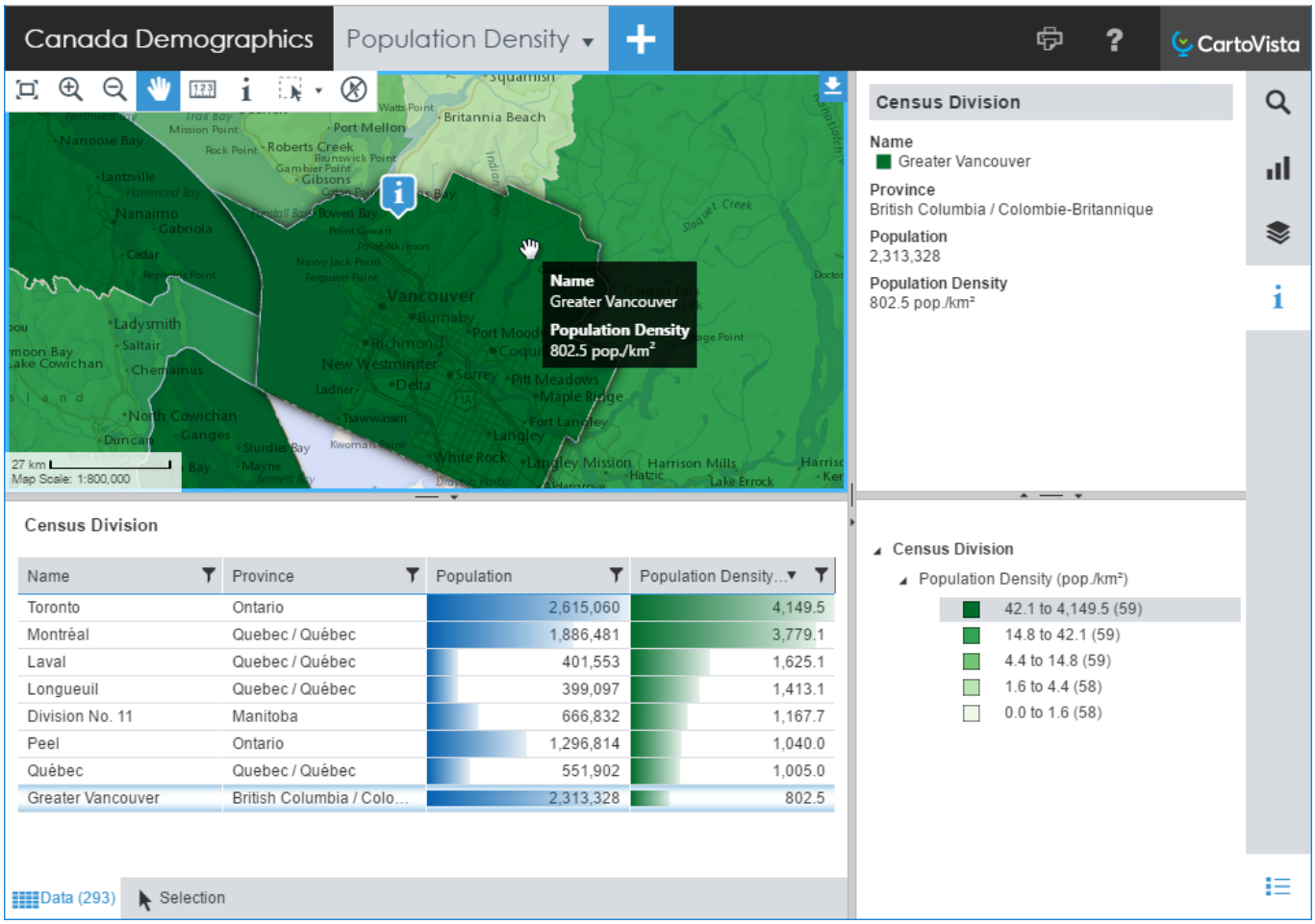


In the Publish Options dialog:

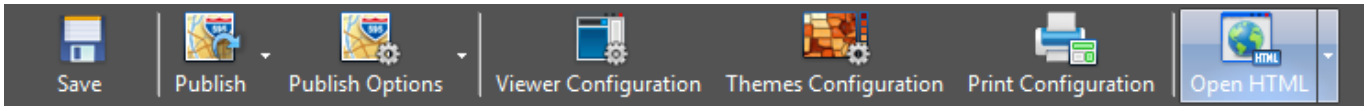
- Enter a **Map Title** and **Map Identifier**.
- By default, all map data will be published locally in the following directory: C:\Users\Public\Documents\CartoVista5\HTML\<**Map Identifier**>.
- Click **Publish**.



Your default Web browser will open, displaying the published map.



If you close the browser and need to view the result of the map again, click the Open HTML button in the map window.



CartoVista
See what was inaccessible.