This video will explore some of the key national data that's made available on our web maps.

The first data we'll explore is the First Nations information.

We have a group of First Nations data that you can view here.

Turning on this group will load the data that is available to be viewed at this particular zoom level.

Here we can see the First Nations points.

Clicking on them will show which band is at that location, its band number and at the top of the Pop-up is a link to the website maintained by Crown Indigenous Relations and Northern Affairs Canada for that particular band.

That website provides information about the reserves they occupy, registered population, federal funding, et cetera.

If you zoom in on them, you'll get a detailed representation of that reserve boundary and again clicking on that feature will provide you with the reserve information and a link to the CIRNAC website for that particular reserve.

The next layer we'll look at will be the census.

The 2021 Statistics Canada Census is provided at the Dissemination Area level, which is one of the most detailed levels of census information gathered.

The layer is shown semi-transparent so that you can see what features and areas are underneath each of those polygons to help position the map in the right area for your analysis.

For example, we are looking at an area of Ottawa.

If we click on this one here, the area is Hunt Club Park.

It will give us information about that particular dissemination area.

Total population being over 1800 and number of dwellings 615.

At the top is a link to the StatsCan website for that particular dissemination area, providing very detailed information about that particular region.

It provides breakdown of age, marital status, funding, linguistic breakdown, et cetera.

The next piece of data we'll explore will be the weather information provided by Environment and Climate Change Canada through the Meteorological Service of Canada.

At the bottom of the layer list is this grouping of weather information.

In this group we can see that we have wind speed and direction.

If you want to know what these symbols represent, click the legend on the right and you'll see that the arrows are pointing in the direction the wind is blowing, with the color representing the wind speed.

We can also view current weather alerts across the country, fed directly by the weather office.

We can click on those and view the information for those particular areas and at the bottom is a link to the Weather Office alerts page.

The next piece of information we'll explore will be airports.

Within the Infrastructure and Transportation data group, we can see that there's a number of layers to be viewed, national railway, Shared Services Canada information, Government of Canada properties and aerodromes.

This is provided by NAV Canada and will show all airports, seaplane ports and heliports across the country.

Clicking on one of those symbols will show information about that airport, including its 4-digit code, its name, coordinate and runway information.

If you want additional detailed info about that airport, you can click the hyperlink at the top of the pop-up.

That will provide information relating to the lighting that is available at that airstrip and what the surface is, whether it's paved, gravel, dirt, et cetera.

The last layer of data that we'll explore will be the Government of Canada Properties.

In the Infrastructure and Transportation Group, we'll see that there is a layer for government, Government of Canada properties building points provided by Treasury Board Secretariat.

This data can be viewed as we zoom in a few levels because it's a very detailed.

Dataset has a lot of information that is overlapping.

Zooming in to Ottawa will show just how many buildings there are in that area.

If we click here, we'll get 40 results for buildings that are within that area.

The topmost building that was returned is Place de Ville Building C.

The custodian is Public Services and Procurement Canada, and there's information about its address, municipality, coordinates, and a link to the DFRP, the Directory of Federal Real Property for that particular structure.

That is a website maintained by Treasury Board Secretariat, showing a photo of the building, a small minimap identifying its location, and information about who was in that building.

Here we can see that this building has multiple uses including retail, industrial, military, et cetera.

Within that building, Shared Services Canada has a small footprint, with the majority of that space being taken by Transport Canada with 51,000 square meters.

That information is provided by Treasury Board Secretariat, and it's a very key piece of data for Federal Emergency Management.

More information about this data can be found on our Federal Properties web map available on our Hub.