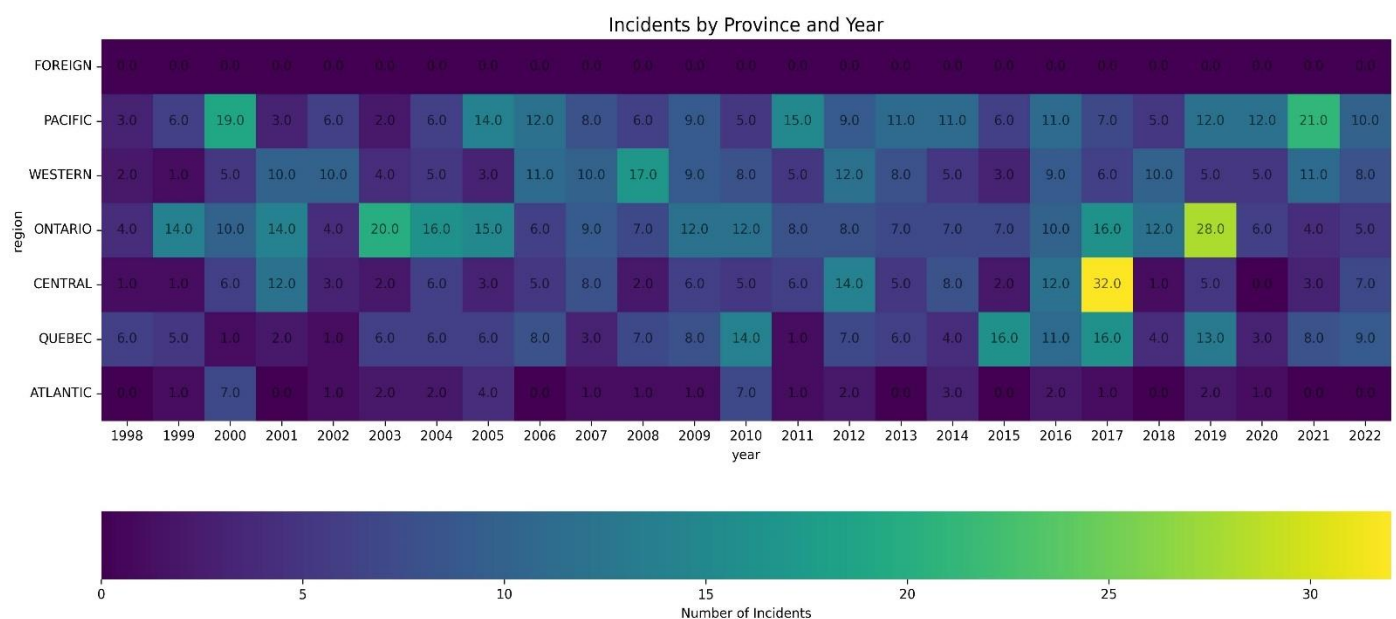


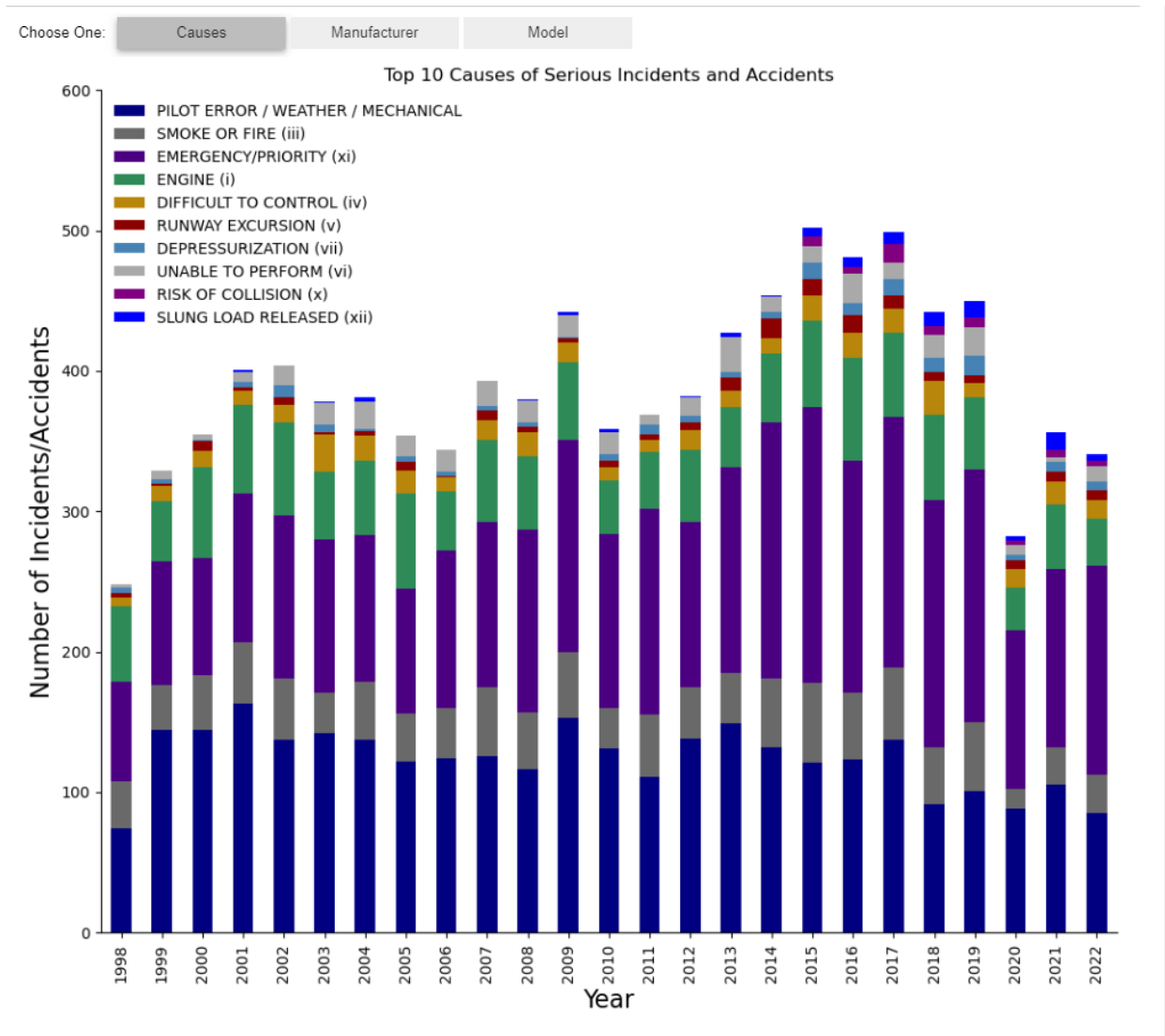
From the bar plot we can see that Aeroplane is causing the most injuries due to accidents. Thus, we will focus on aeroplane accidents, the places of accidents, causes, manufacturers and models that are responsible for those accidents and finally we will show in which areas or provinces the efforts should be placed.



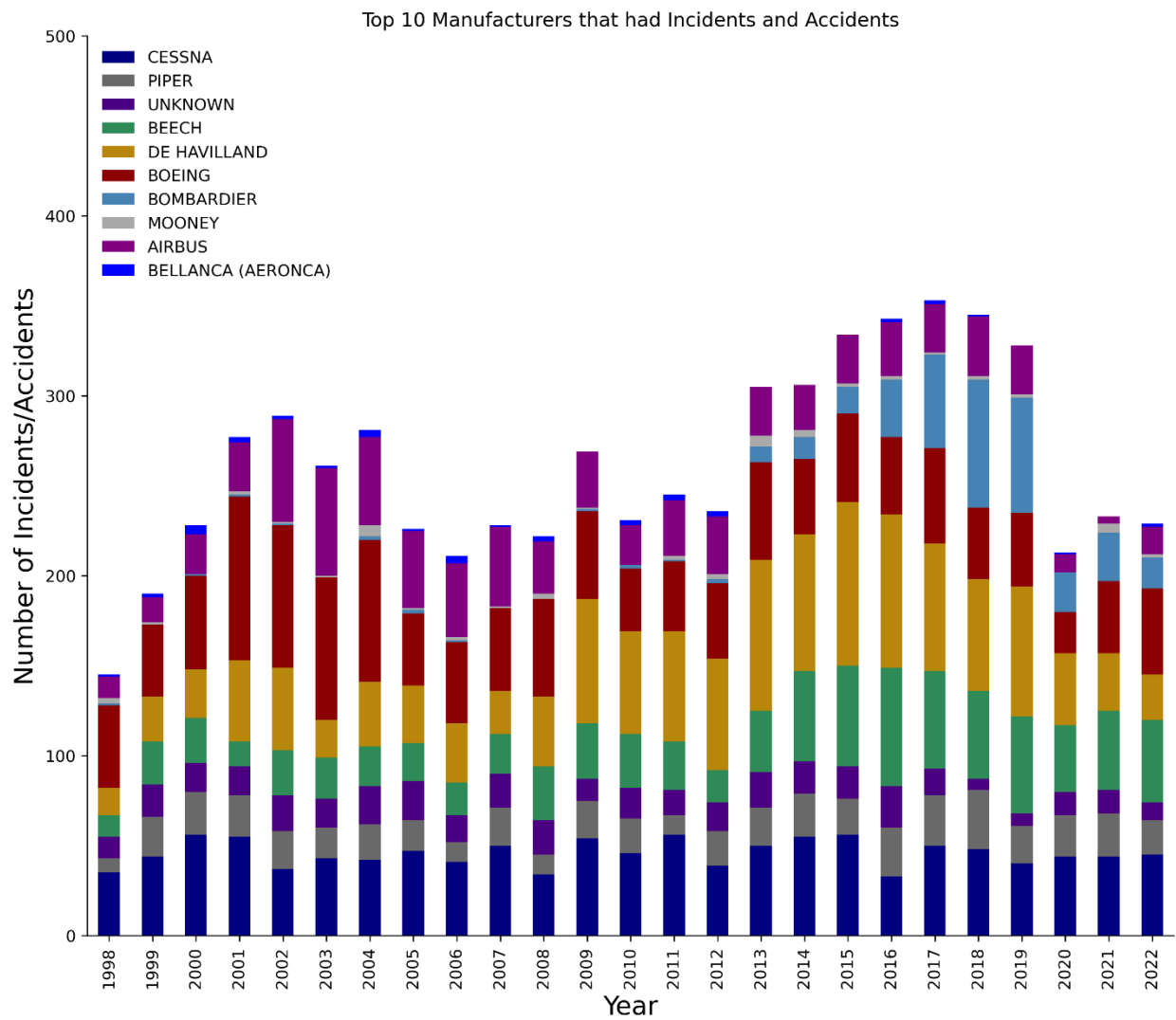
The above heatmap shows the regions with the number of accidents occurred due to aeroplanes.

The interactive plot below shows the causes, manufacturer and models of aircrafts that are responsible for accidents in Canada.

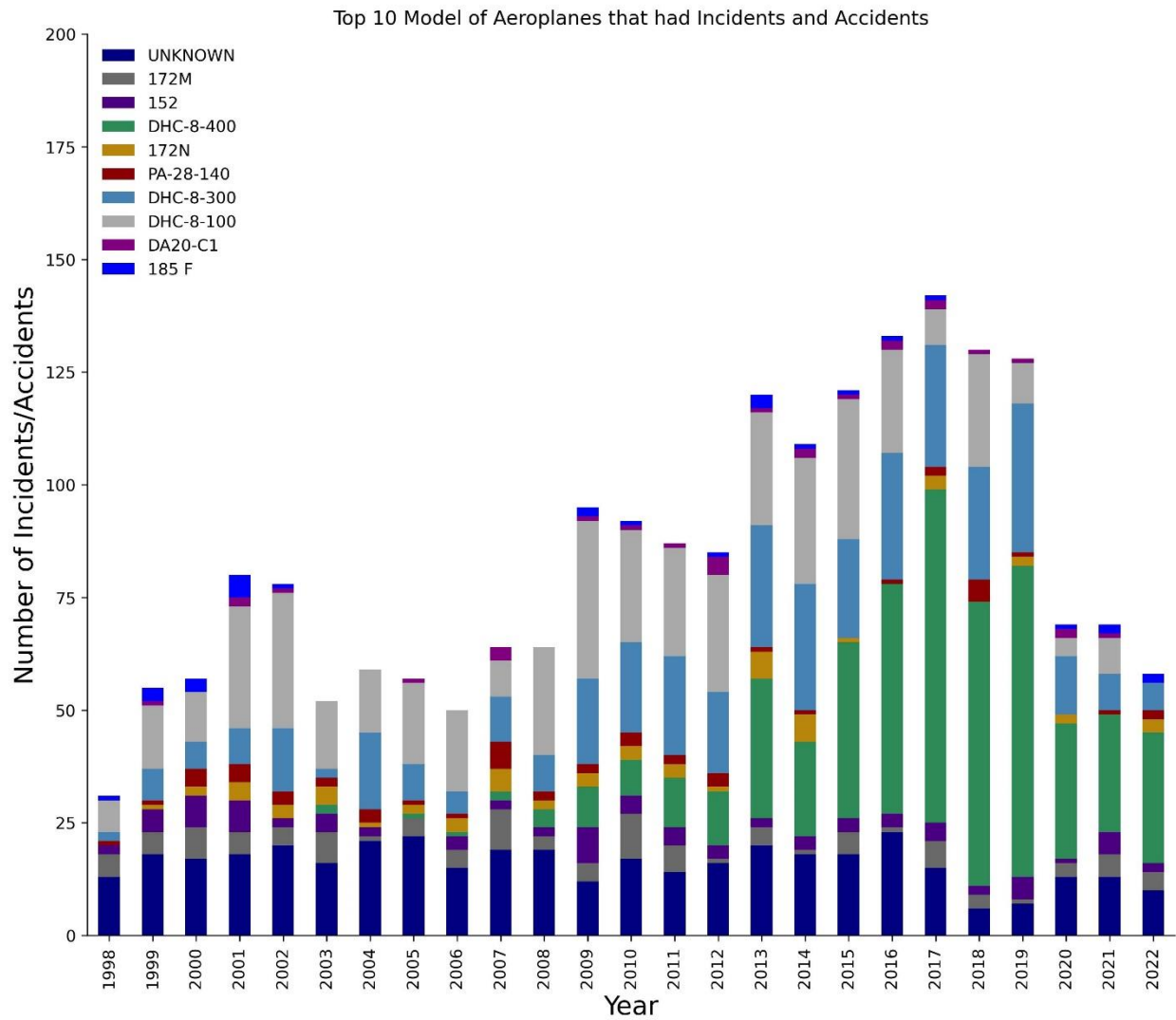
The first plot shows the top 10 causes.



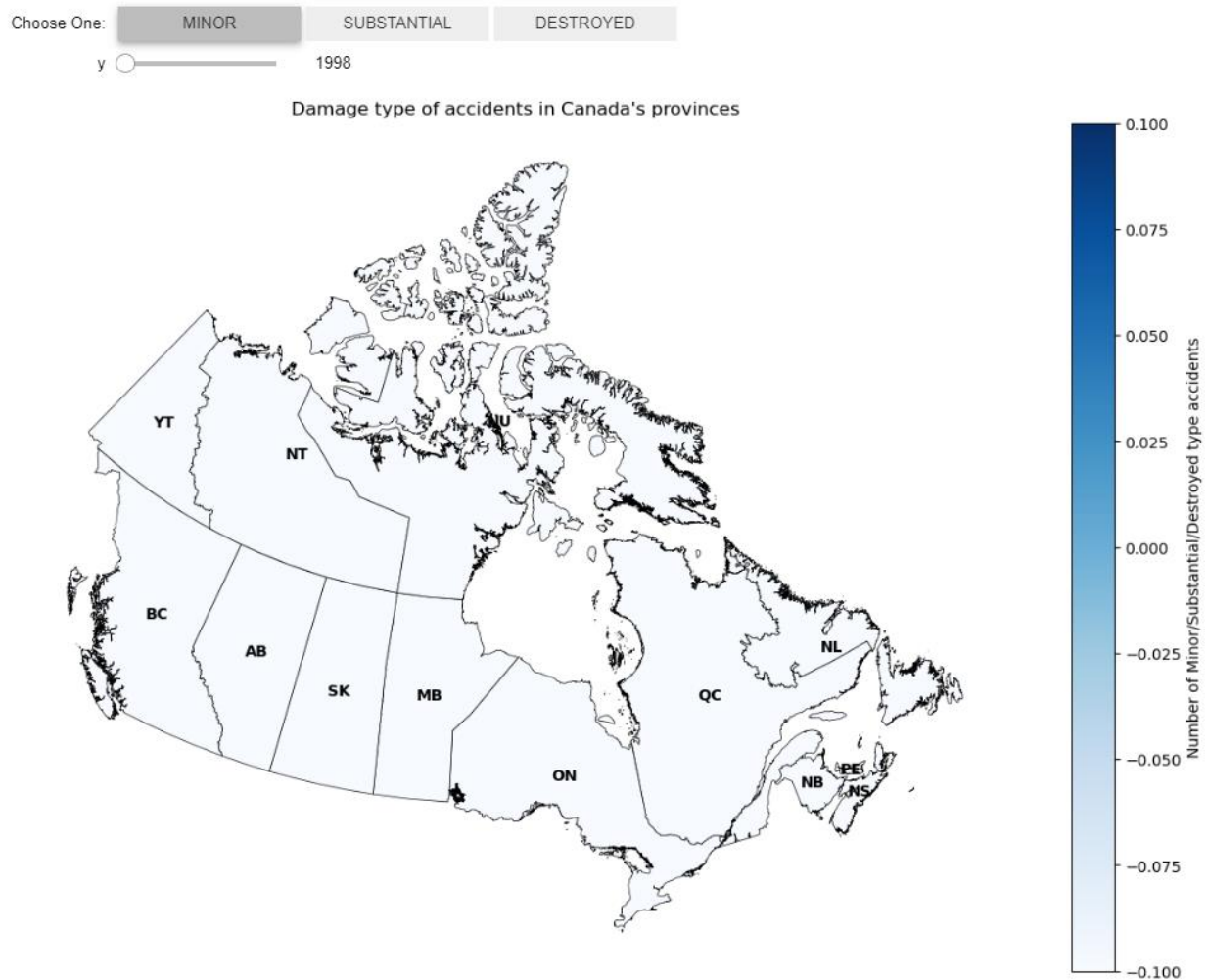
The second plot shows the top 10 manufacturers that are responsible for accidents in Canada.



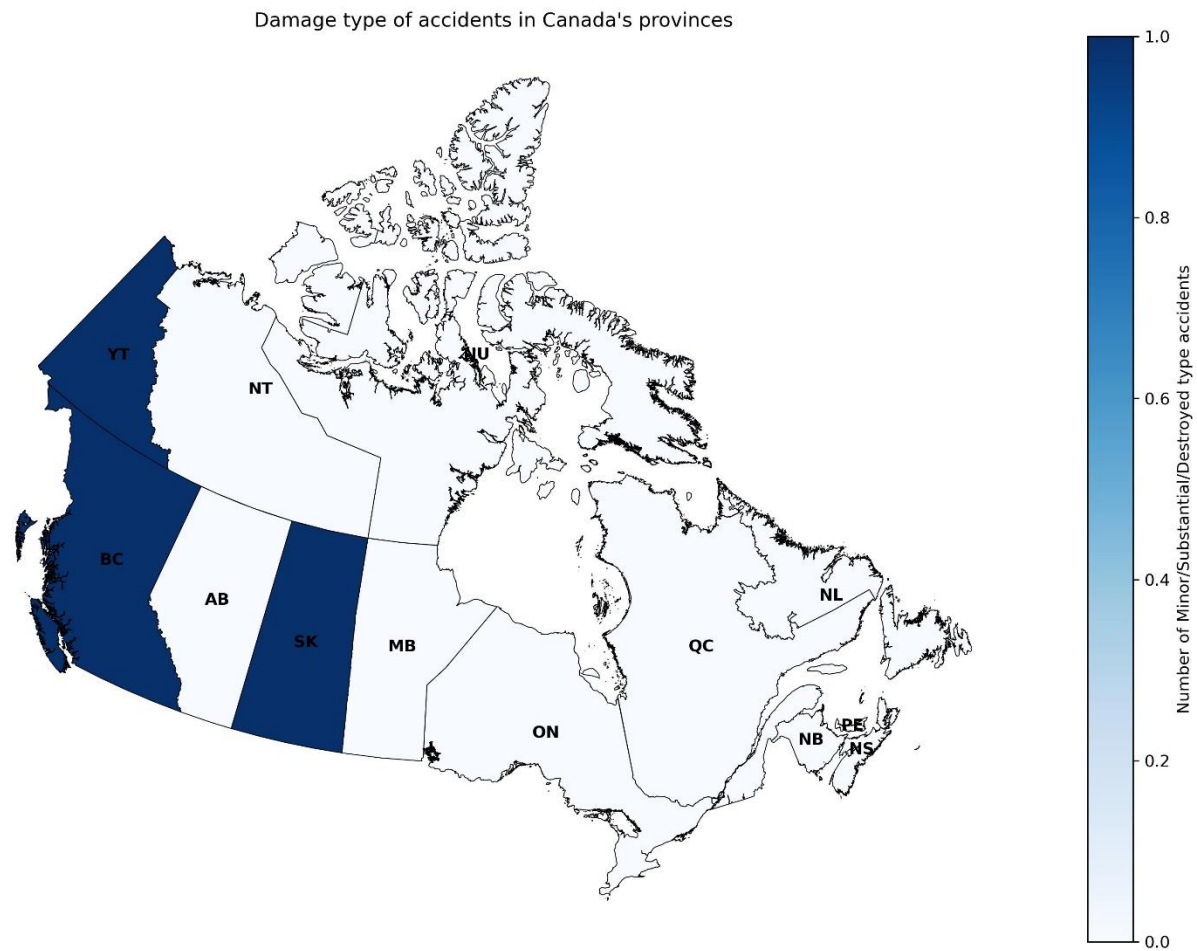
The final plot shows the top 10 aircraft models that had accidents in Canada.



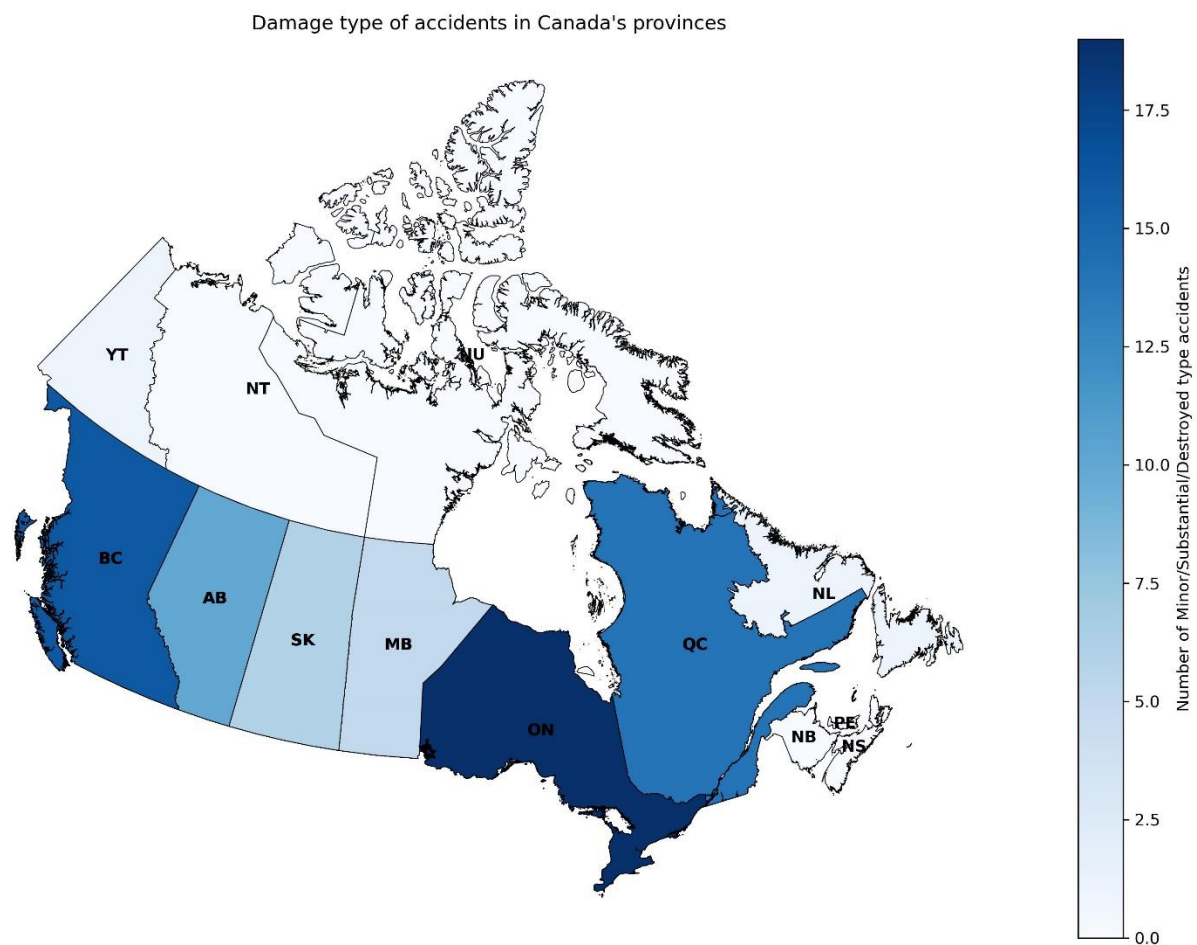
Interactive Geopandas plot which will show us in which provinces had the most damages for the last 25 years. There are three damage types that we are interested. Minor, Substantial and destroyed.



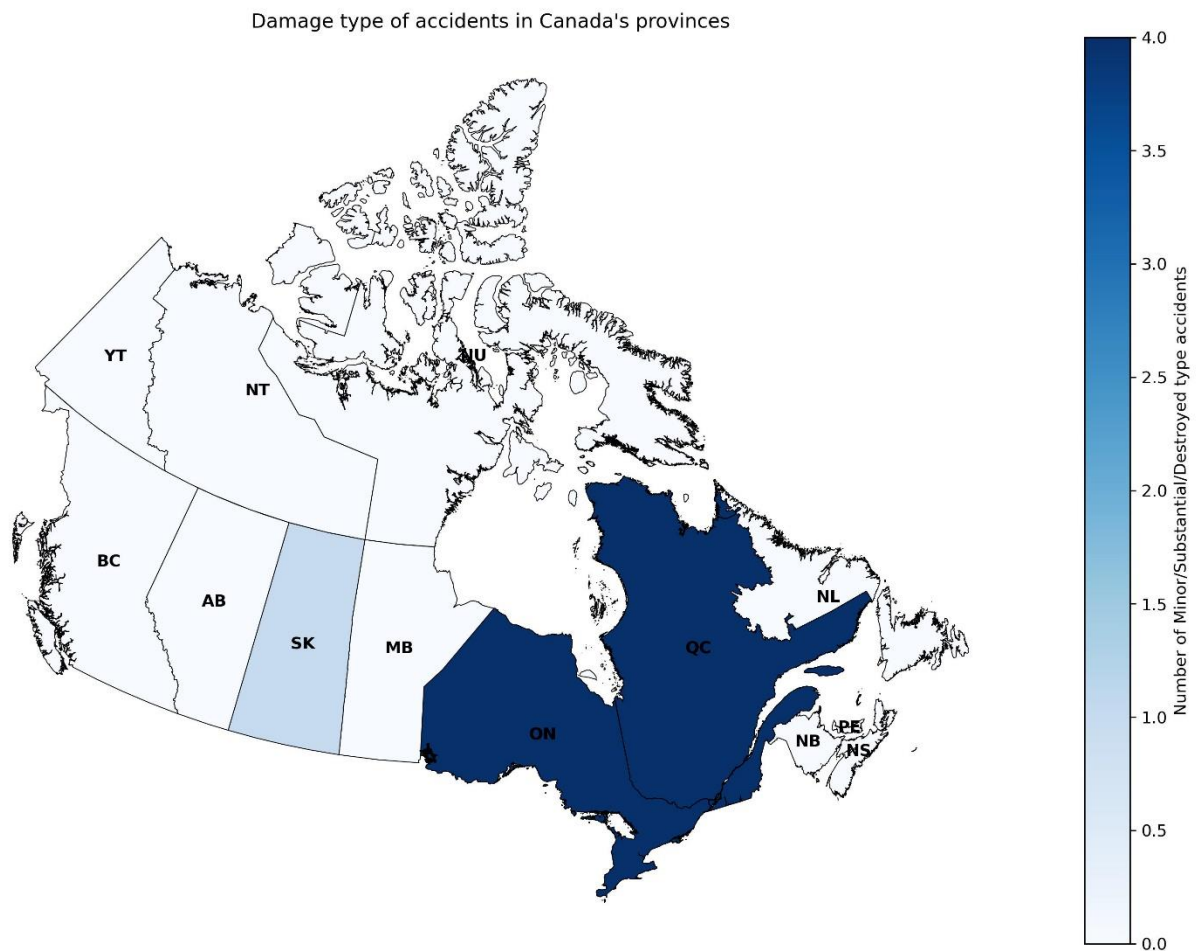
Minor damages in the year 2022.



Substantial damages in the year 2022.



Destroyed type damage in the year 2022.



From the Geopandas plot we can come to a conclusion that most of the accidents took place in Ontario province. Thus the Transportation Safety Board of Canada should put extra focus in Ontario to reduce accidents.