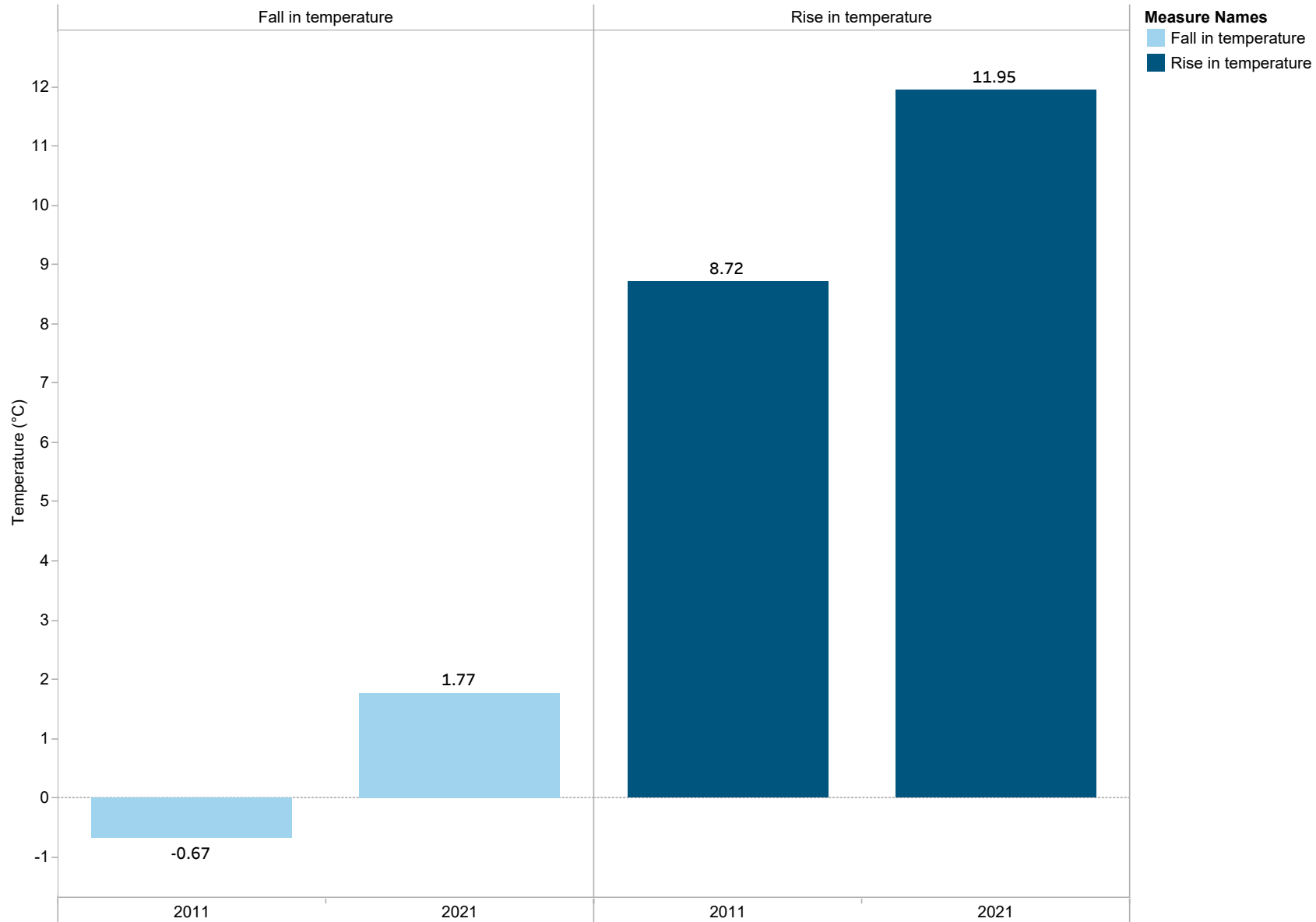


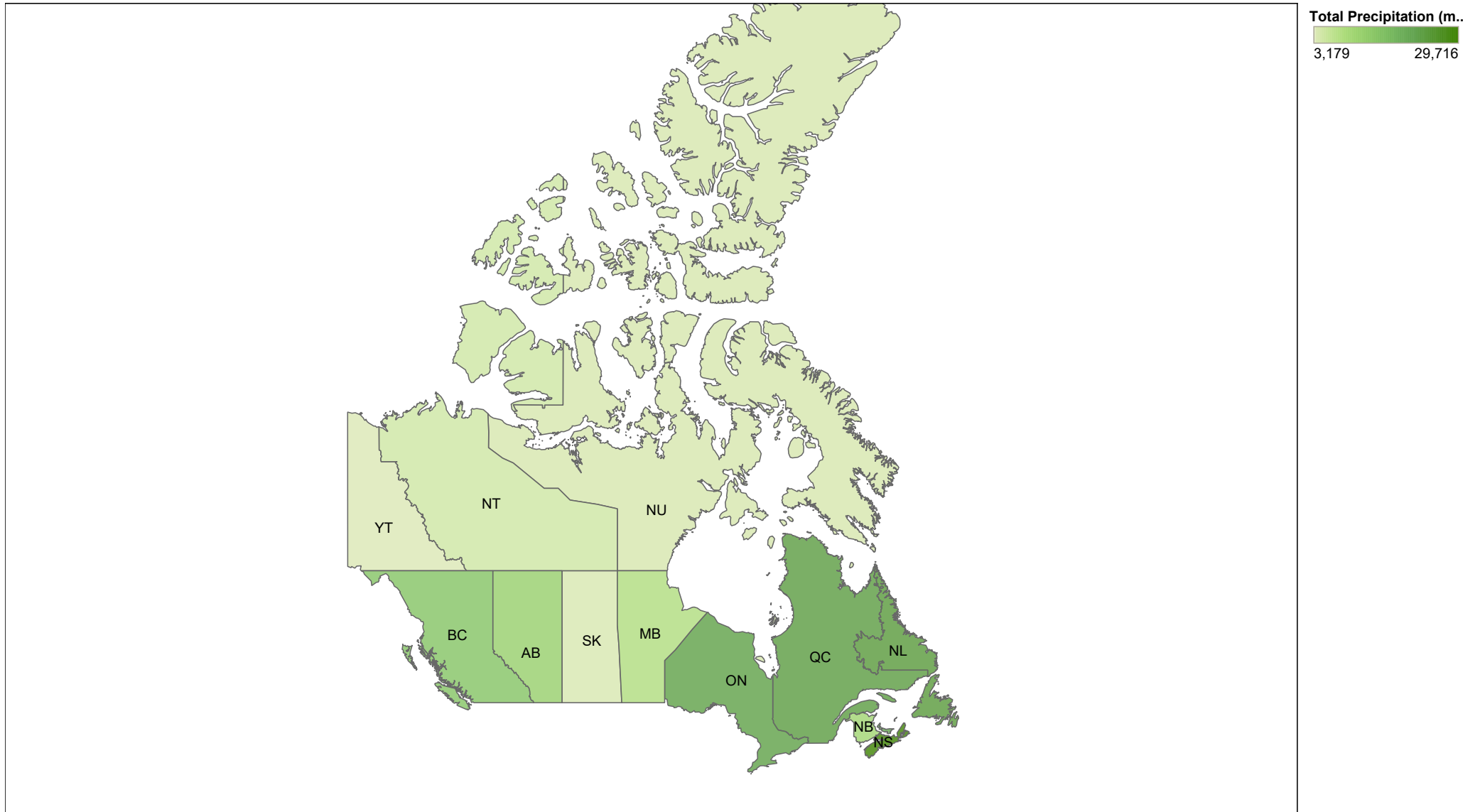
Question 1

Temperature changes across Canada (2011 v/s 2021)



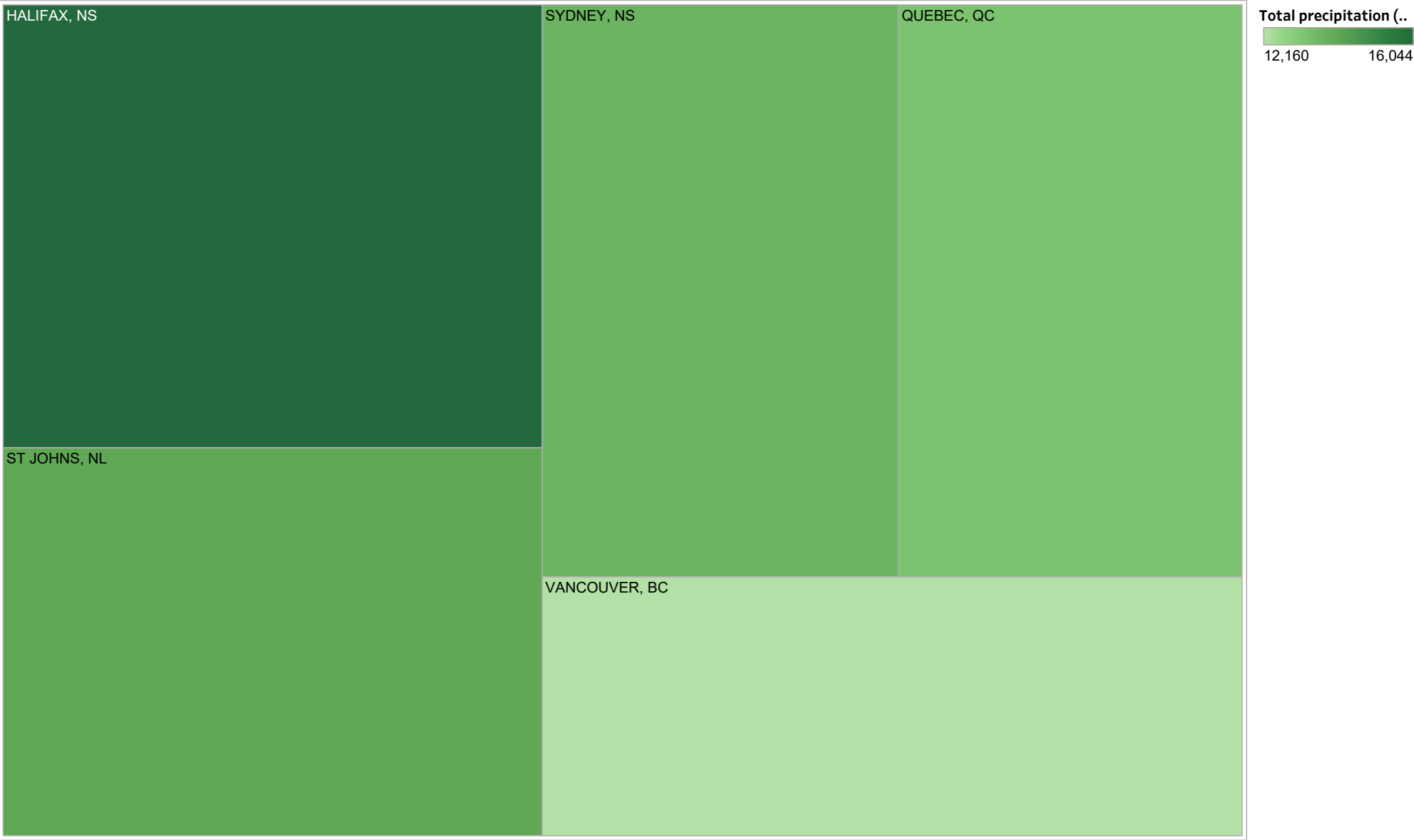
Fall in temperature and Rise in temperature for each Date Year. Color shows details about Fall in temperature and Rise in temperature. The data is filtered on Date (group), which keeps 2011 and 2021.

Canada's total precipitation



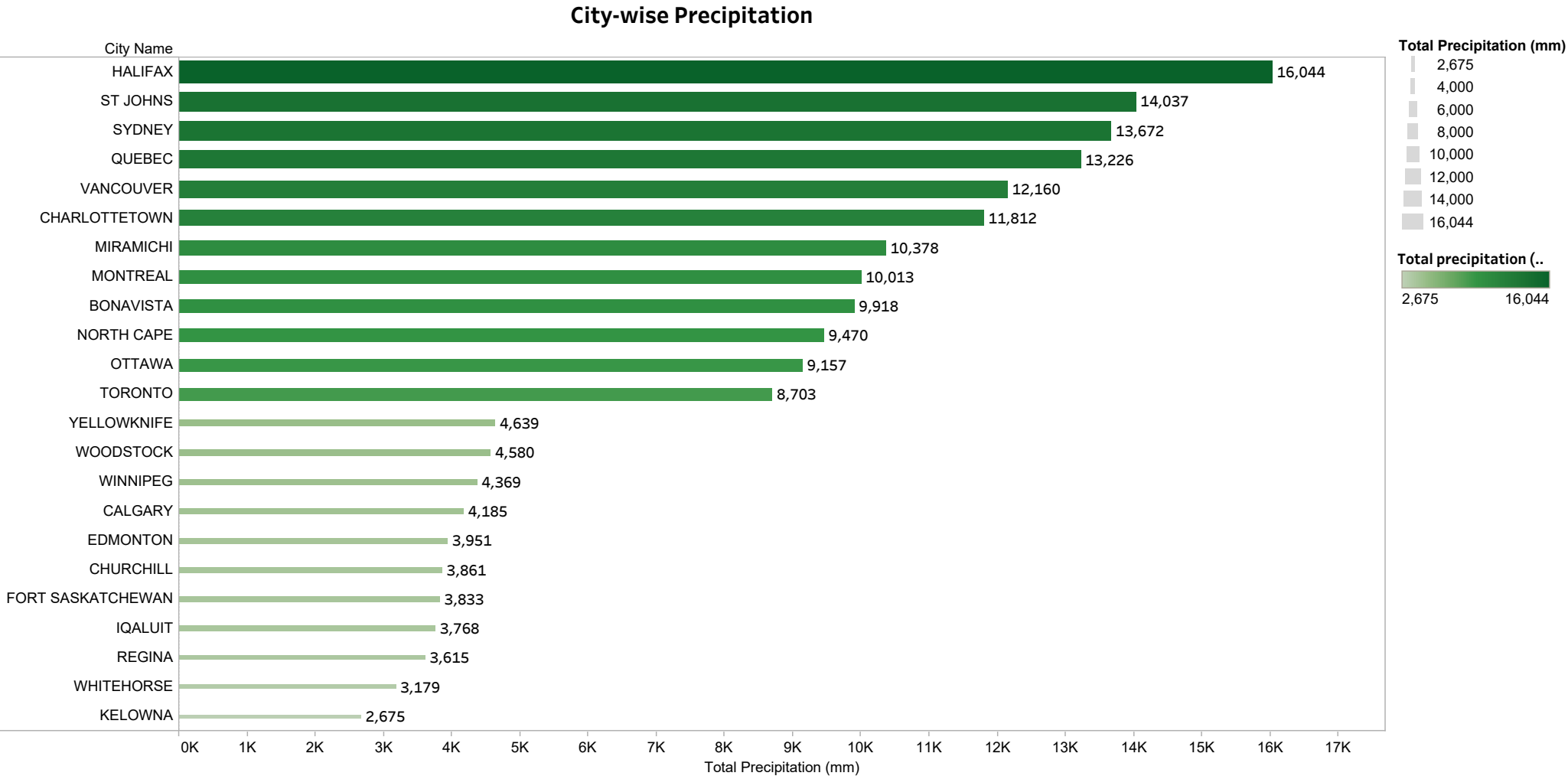
Map based on Longitude (generated) and Latitude (generated). Color shows sum of Total Precipitation (mm) (actual & forecast) . The marks are labeled by Province Code. Details are shown for Province Code.

Top 5 cities with highest precipitation



City Name & Province Code (Combined). Color shows sum of Total Precipitation (mm). Size shows sum of Total Precipitation (mm). The marks are labeled by City Name & Province Code (Combined). The data is filtered on City Name and Province Code. The City Name filter keeps HALIFAX, QUEBEC, ST JOHNS, SYDNEY and VANCOUVER. The Province Code filter keeps 13 of 13 members. The view is filtered on City Name & Province Code (Combined) and Action (Province Code). The City Name & Province Code (Combined) filter keeps 23 members. The Action (Province Code) filter keeps 13 members.

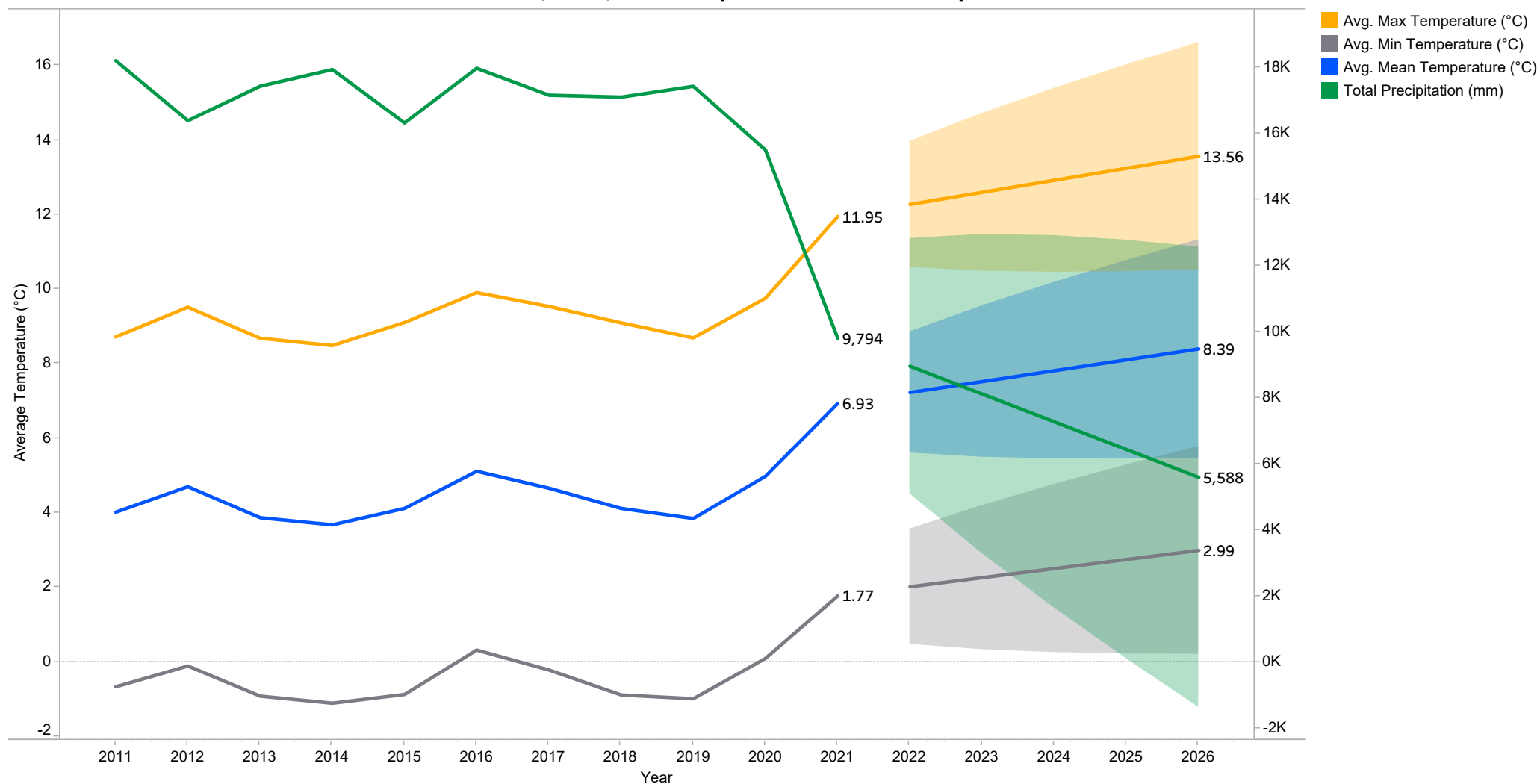
Question 2



Sum of Total Precipitation (mm) for each City Name. Color shows sum of Total Precipitation (mm). Size shows sum of Total Precipitation (mm). The data is filtered on Action (Province Code), which keeps 13 members.

Question 3

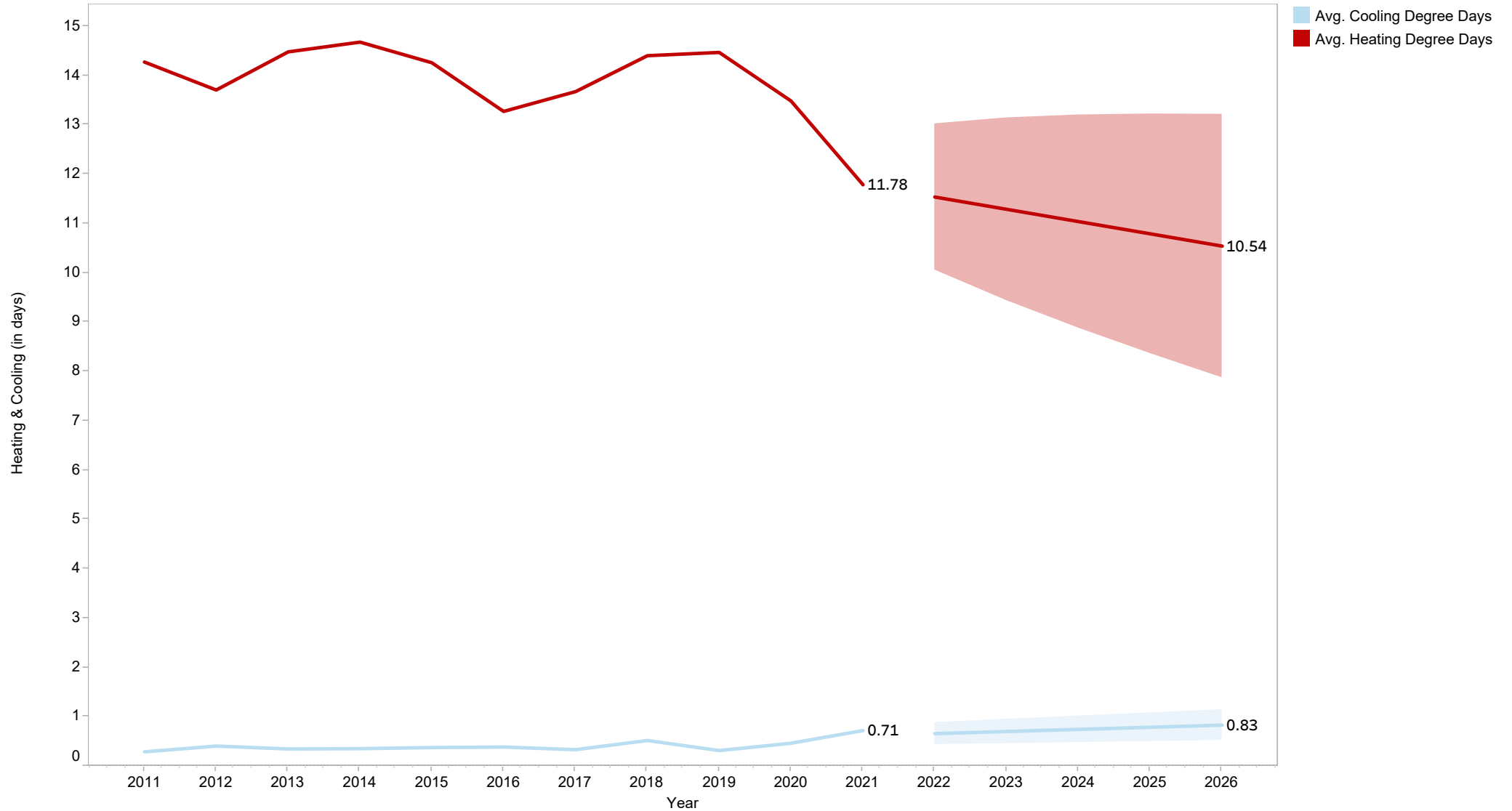
Actual & Estimated Mean, Max., Min. Temperature & Total Precipitation



The trends of Avg. Max Temperature (°C), Avg. Min Temperature (°C), Avg. Mean Temperature (°C), Total Precipitation (mm) and Total Precipitation (mm) for Date Year. Color shows details about Avg. Max Temperature (°C), Avg. Min Temperature (°C), Avg. Mean Temperature (°C) and Total Precipitation (mm). Details are shown for Forecast indicator. The data is filtered on Year, which ranges from 2011 to 2021.

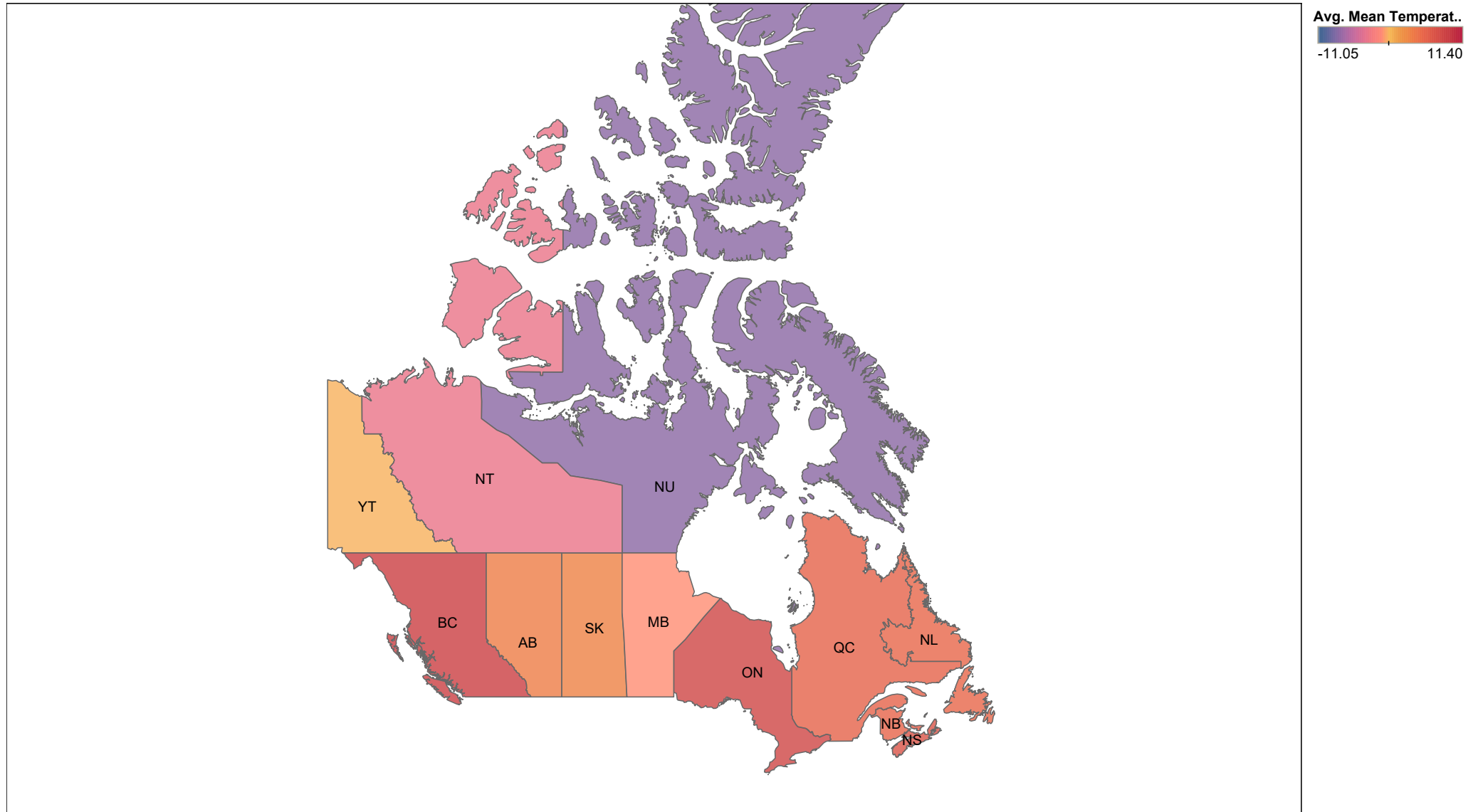
Question 3

Actual & Estimated Heating and Cooling days



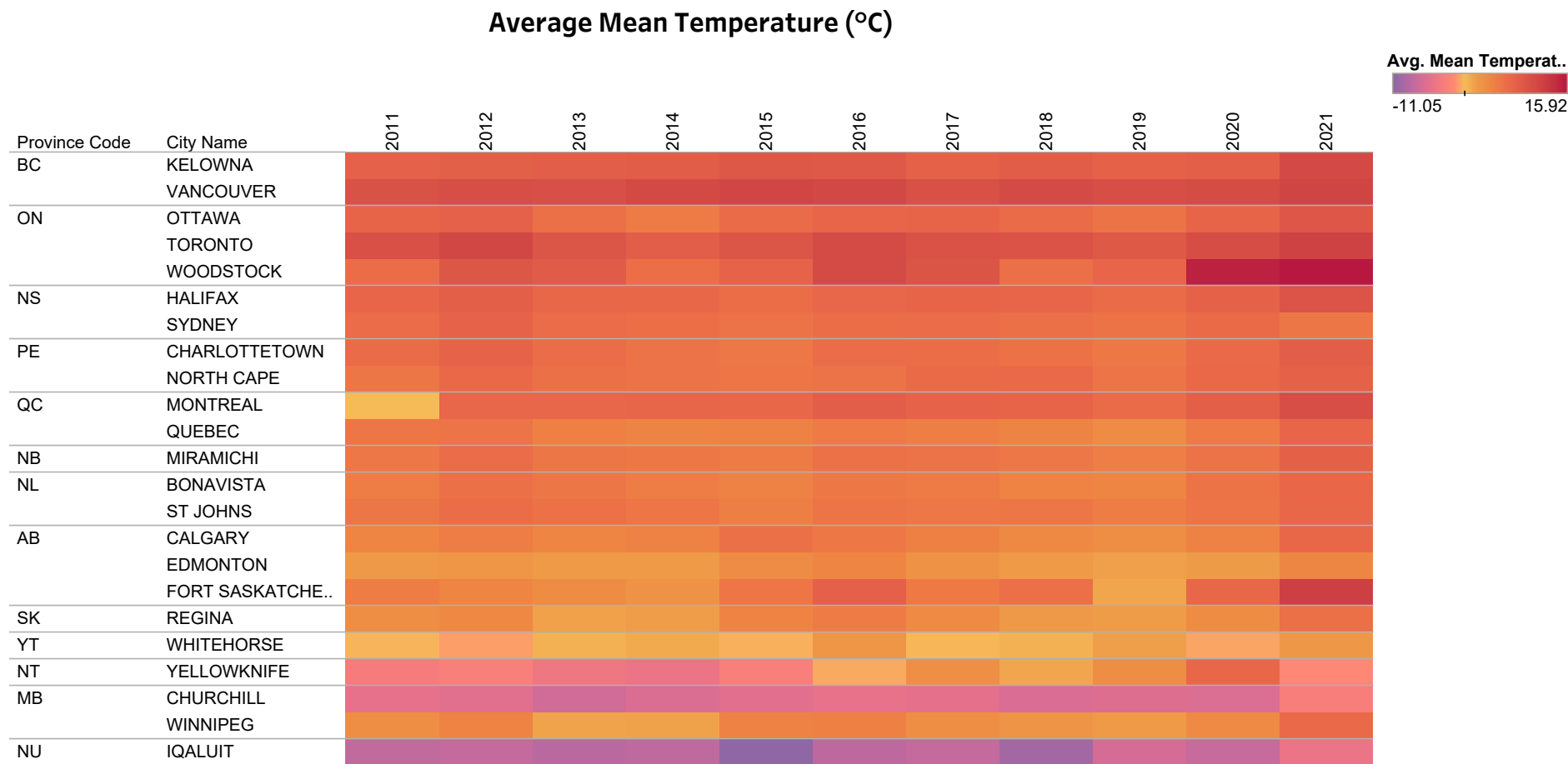
The trends of Avg. Cooling Degree Days and Avg. Heating Degree Days for Date Year. Color shows details about Avg. Cooling Degree Days and Avg. Heating Degree Days. Details are shown for Forecast indicator. The data is filtered on Action (Province Code,Year) and Year. The Action (Province Code,Year) filter keeps 143 members. The Year filter ranges from 2011 to 2021.

Canada's average mean temperature



Map based on Longitude (generated) and Latitude (generated). Color shows average of Mean Temperature (°C) (actual & forecast) . The marks are labeled by Province Code. The data is filtered on Year, which ranges from 2011 to 2021 and keeps Null values. The view is filtered on Province Code and Year. The Province Code filter keeps 13 of 13 members. The Year filter keeps 11 of 11 members.

Question 4

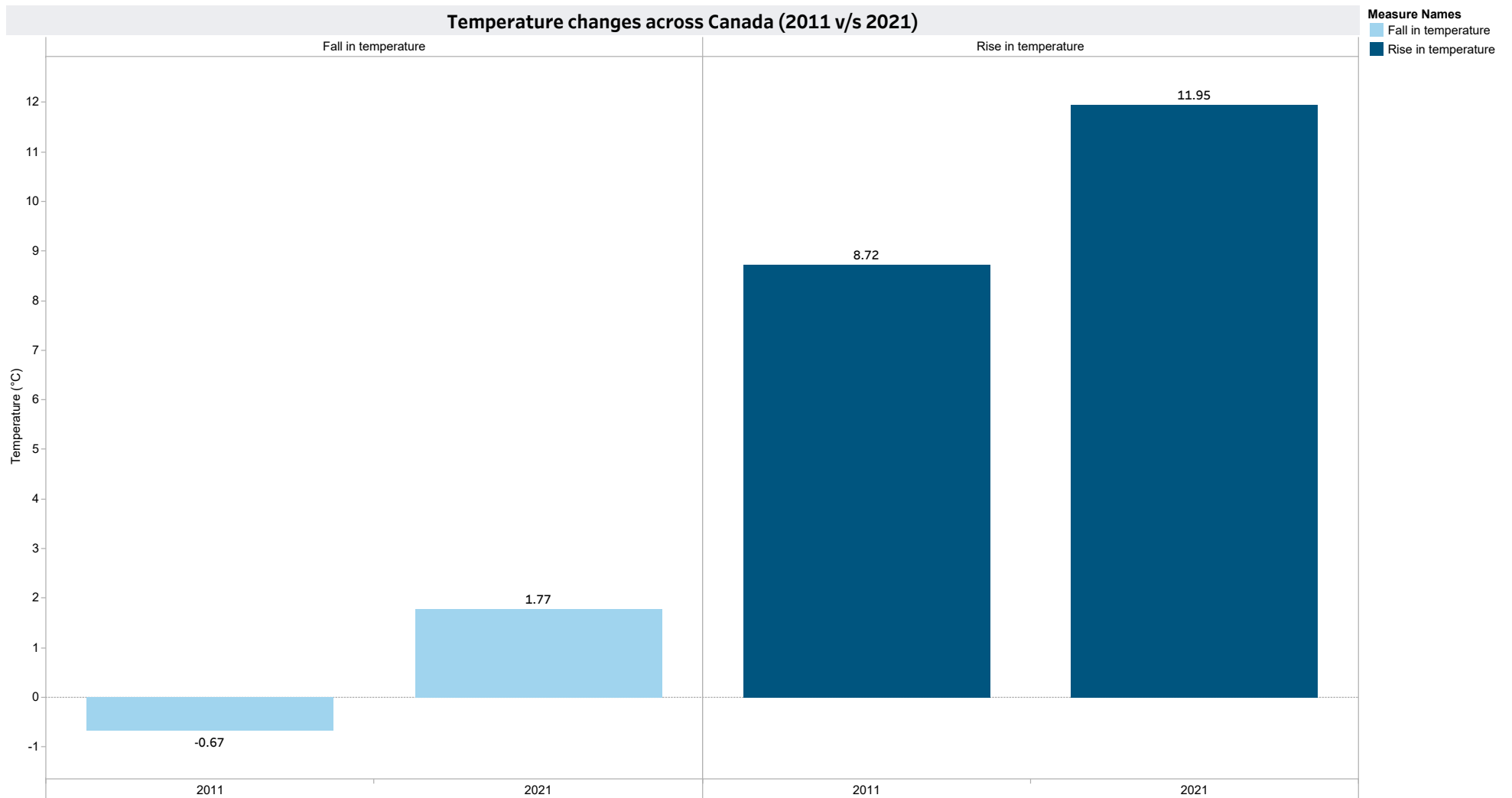


Average of Mean Temperature (°C) (color) broken down by Date Year vs. Province Code and City Name. The data is filtered on Year, Year and Action (Province Code,Year). The Year filter ranges from 2011 to 2021 and keeps Null values. The Year filter keeps 11 of 11 members. The Action (Province Code,Year) filter keeps 143 members. The view is filtered on Province Code, which keeps 13 of 13 members.

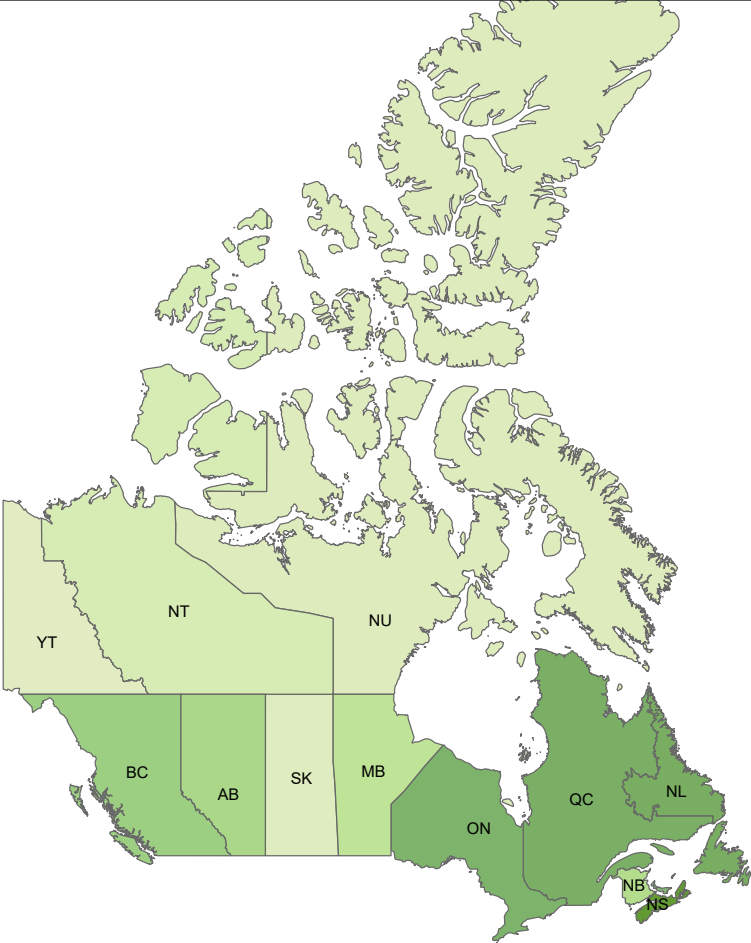


Weather trends in Canada over the last 10 ye..

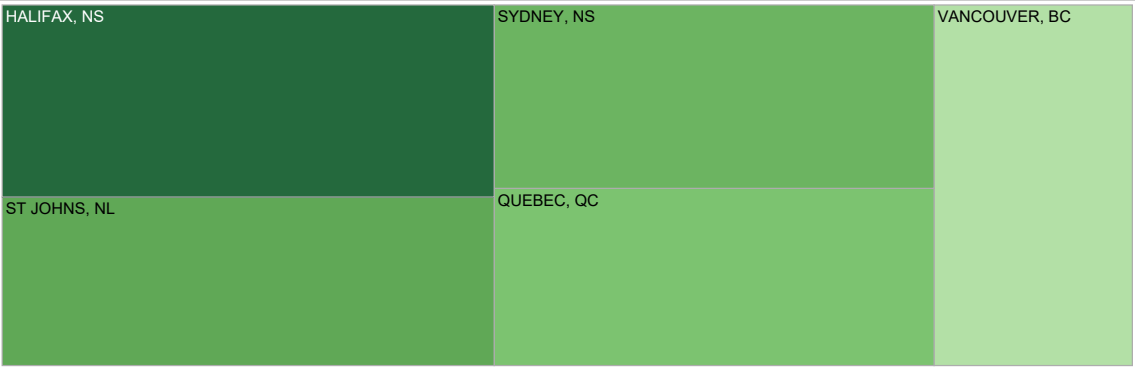
Jinal Ajay Patel (245097)
Manik Sood (242207)
Akshay Sareen (20198376)
Ajay Pratap Singh Rathore (242630)



Canada’s total precipitation

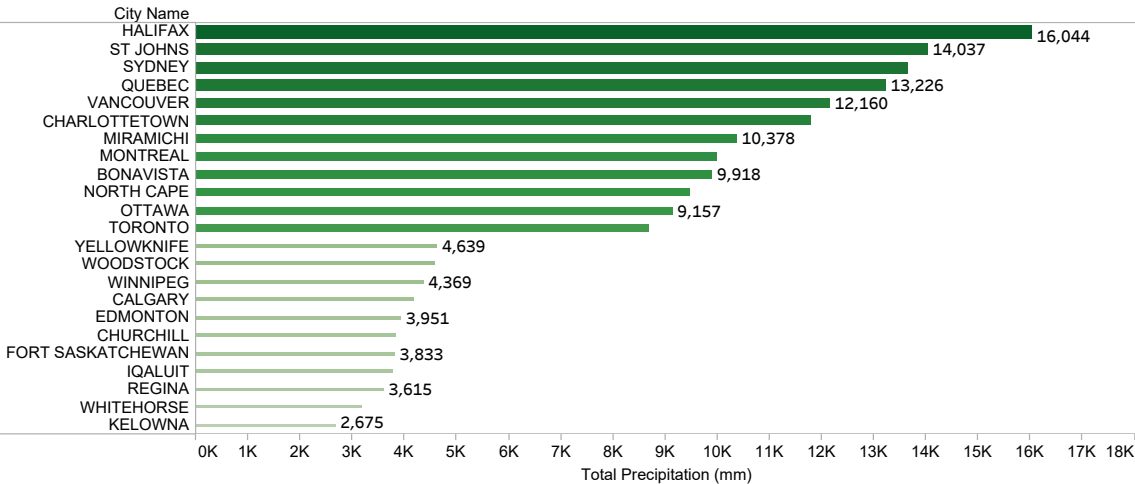


Top 5 cities with highest precipitation

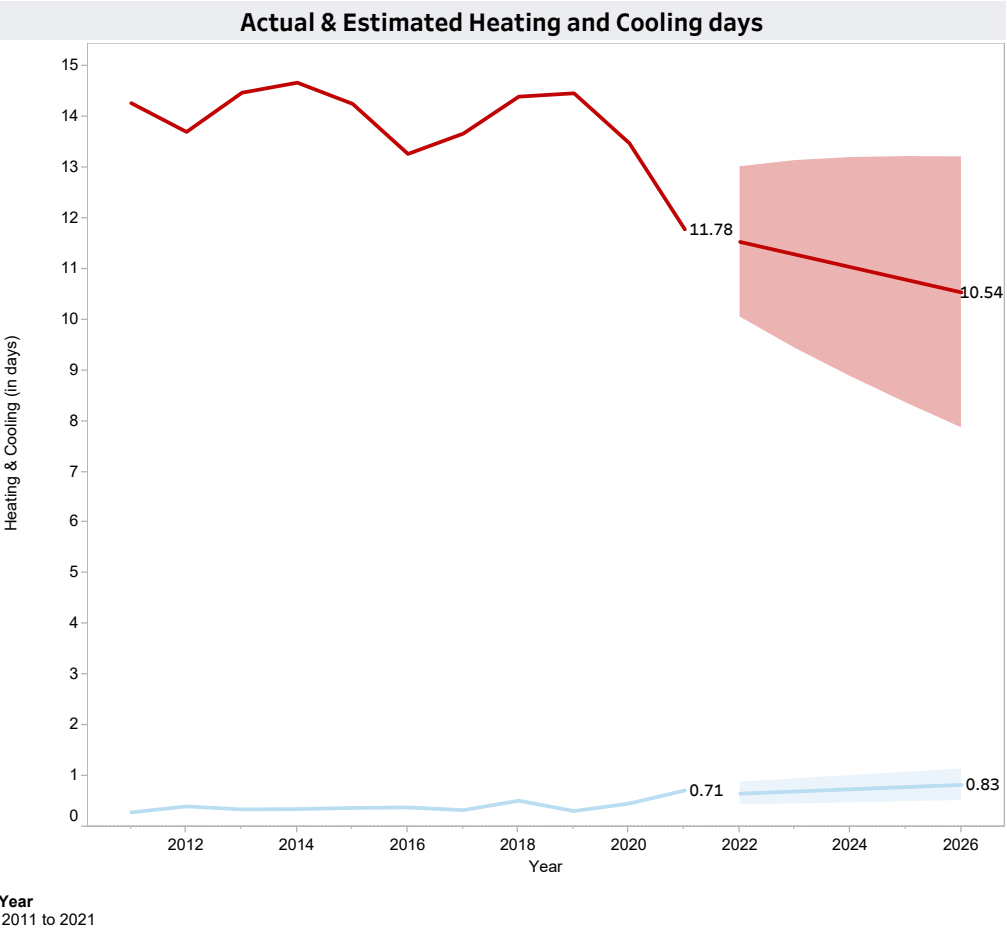
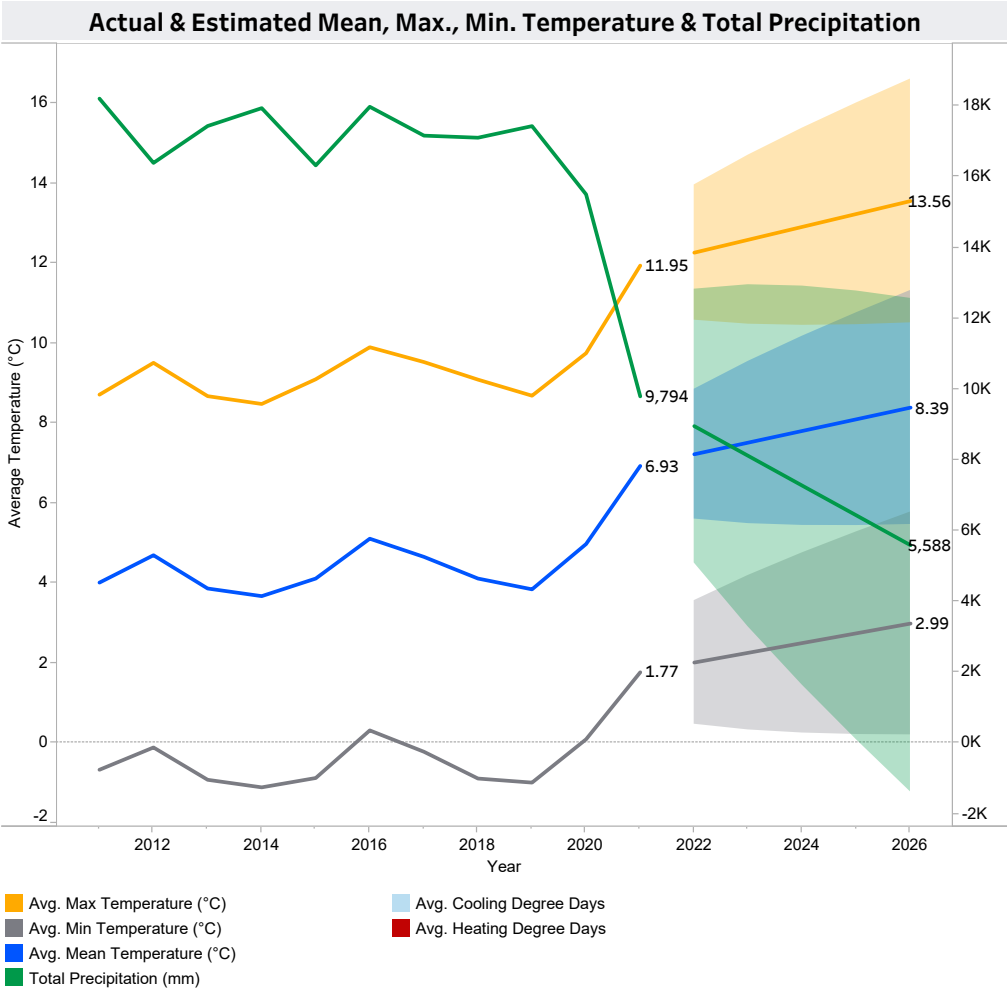


Total prec.. 12,160 16,044

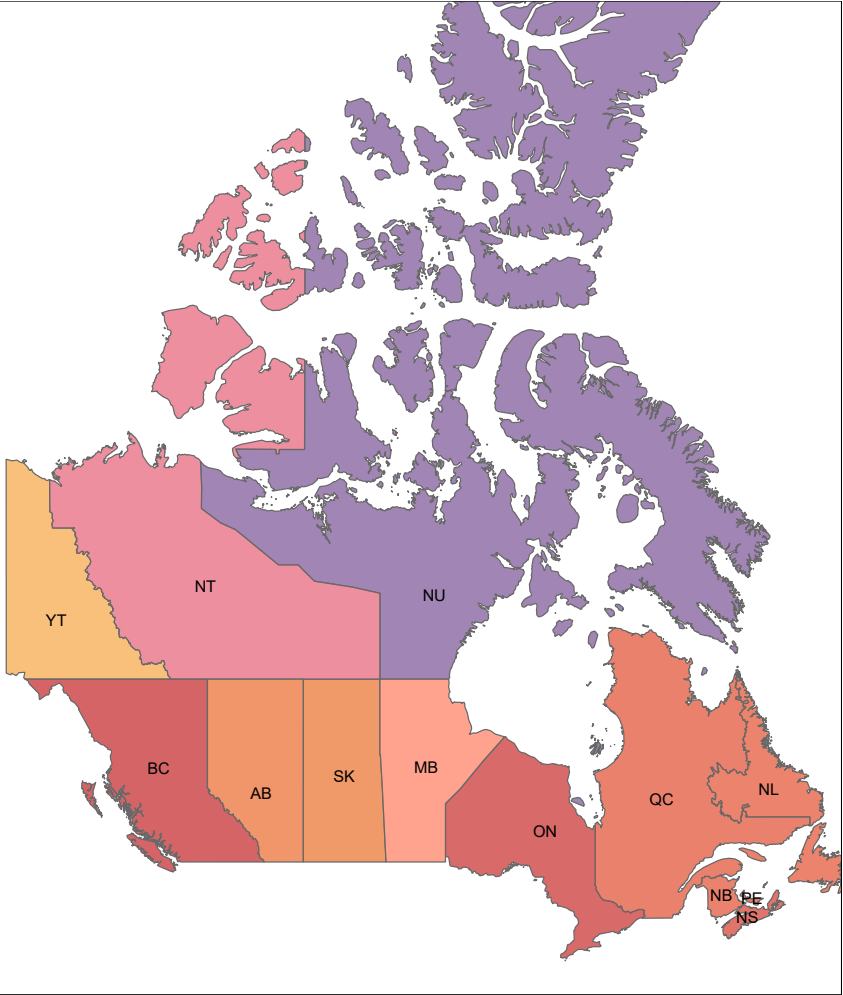
City-wise Precipitation



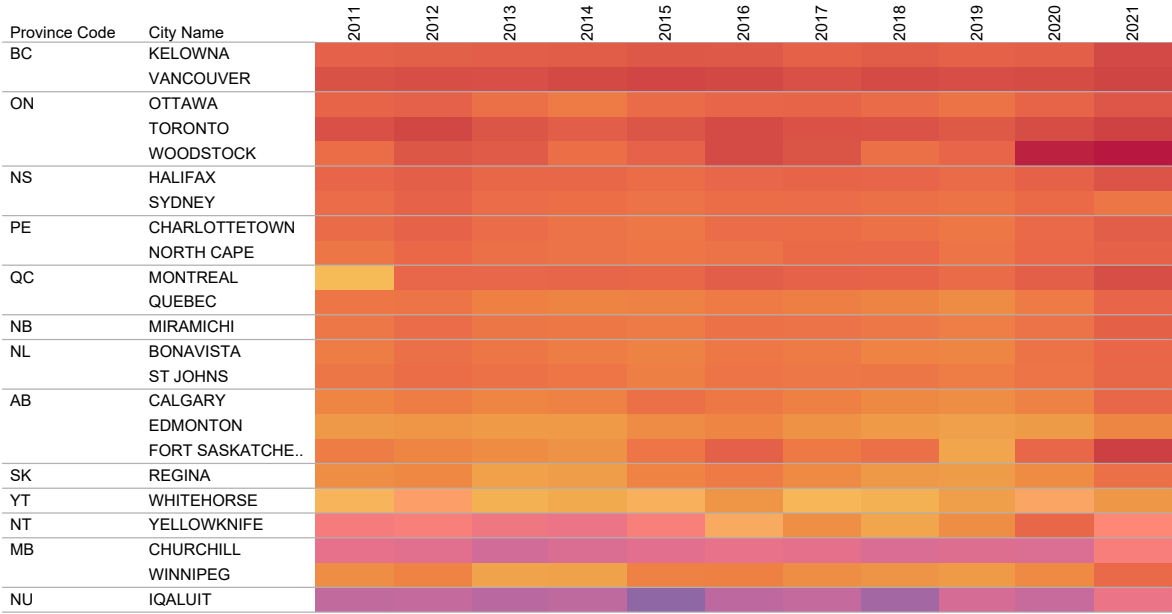
Total prec.. 2,675 16,044



Canada’s average mean temperature



Average Mean Temperature (°C)



Year
All



THANK YOU

Weather Trends in Canada

Introduction	Q1: What are the changes in the temperature (Hot and Cold) across Canada?	Q2: Top 5 Cities with highest total precipitation	Q3: How the actual trends in Canadian weather (mean, max., min.)	Q4: Mean temperature across Canada	Conclusion
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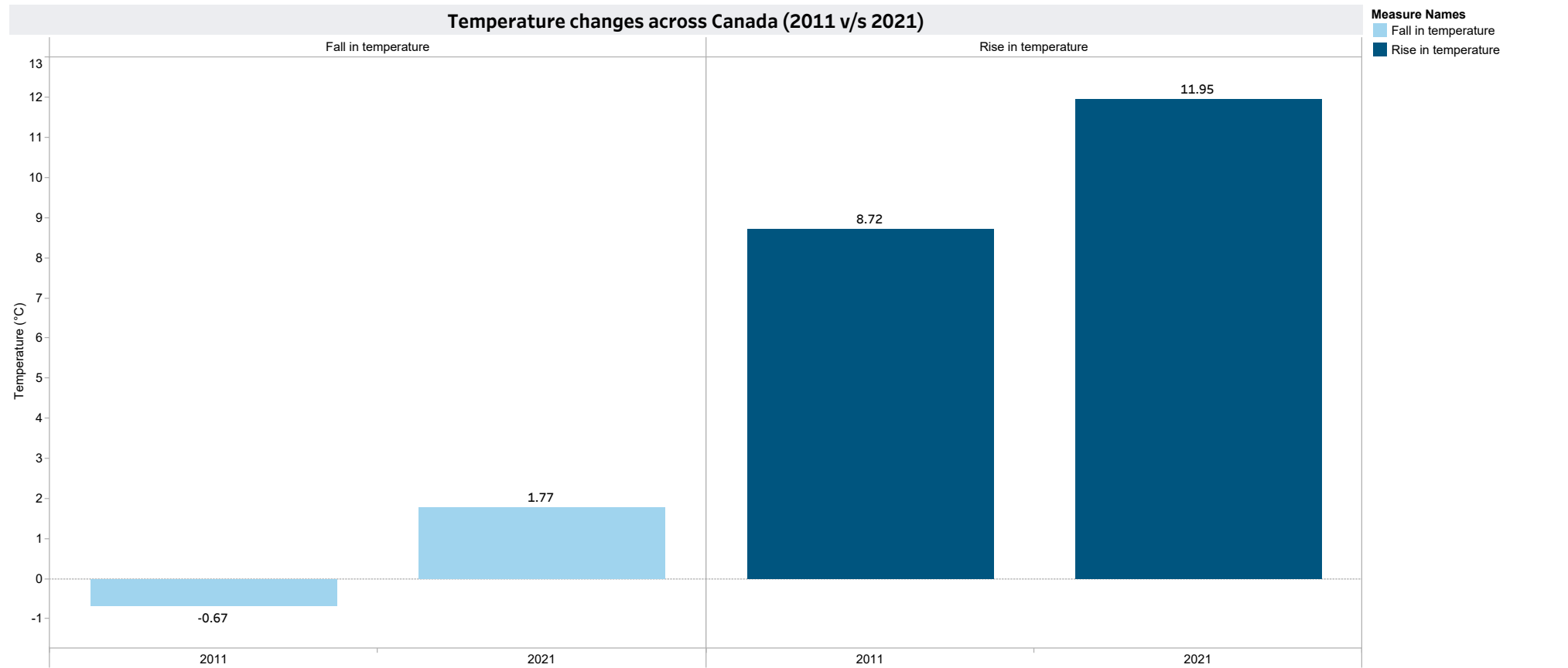


Weather trends in Canada over the last 10 years (2011 - 2021)

Jinal Ajay Patel (245097)
Manik Sood (242207)
Akshay Sareen (20198376)
Ajay Pratap Singh Rathore (242630)

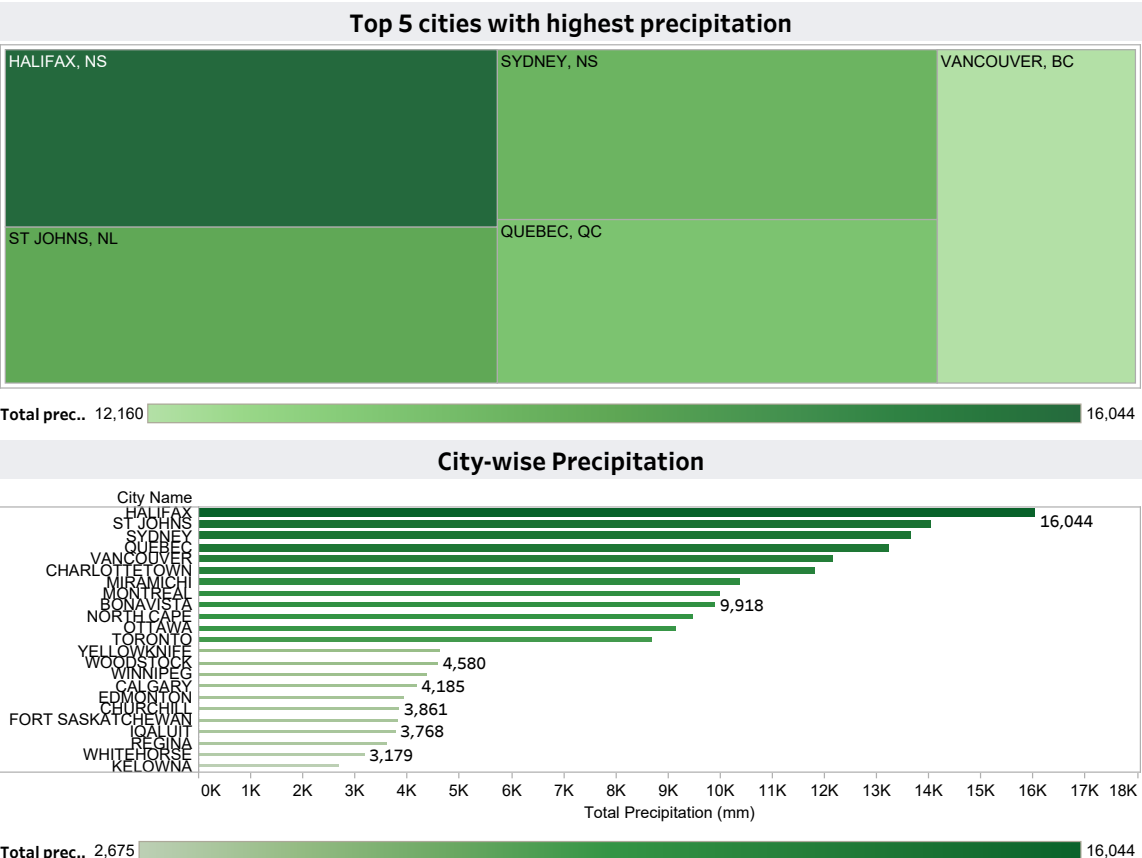
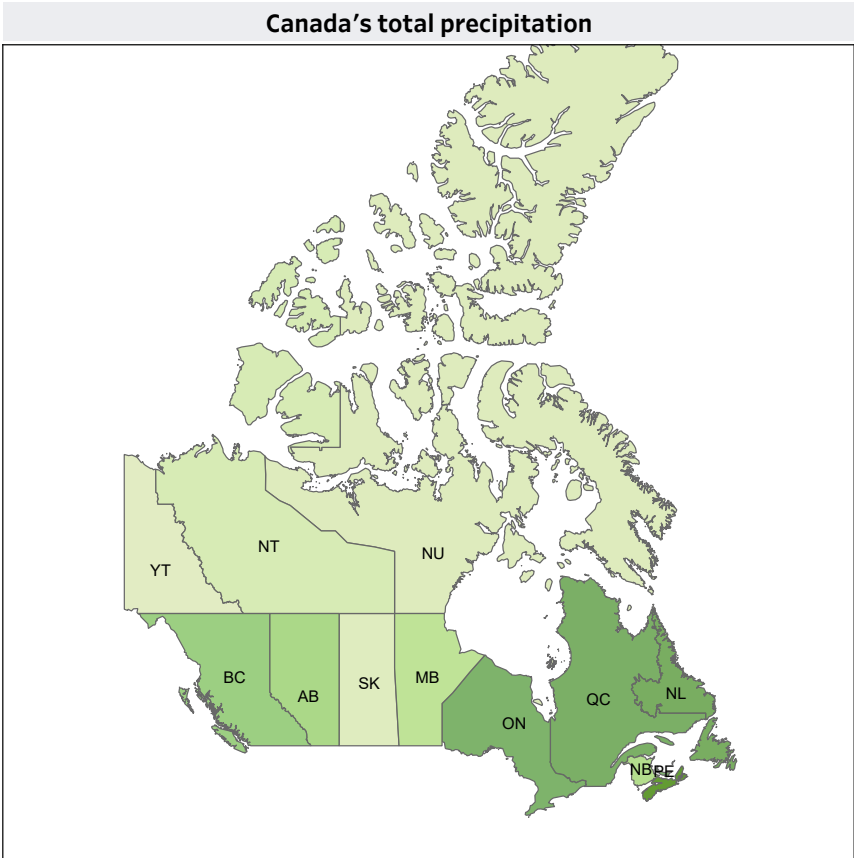
Weather Trends in Canada

Introduction	Q1: What are the changes in the temperature (Hot and Cold) acro..	Q2: Top 5 Cities with highest total precipitation	Q3: How the actual trends in Canadian weather(mean, max., ..	Q4: Mean temperature across Canada	Conclusion
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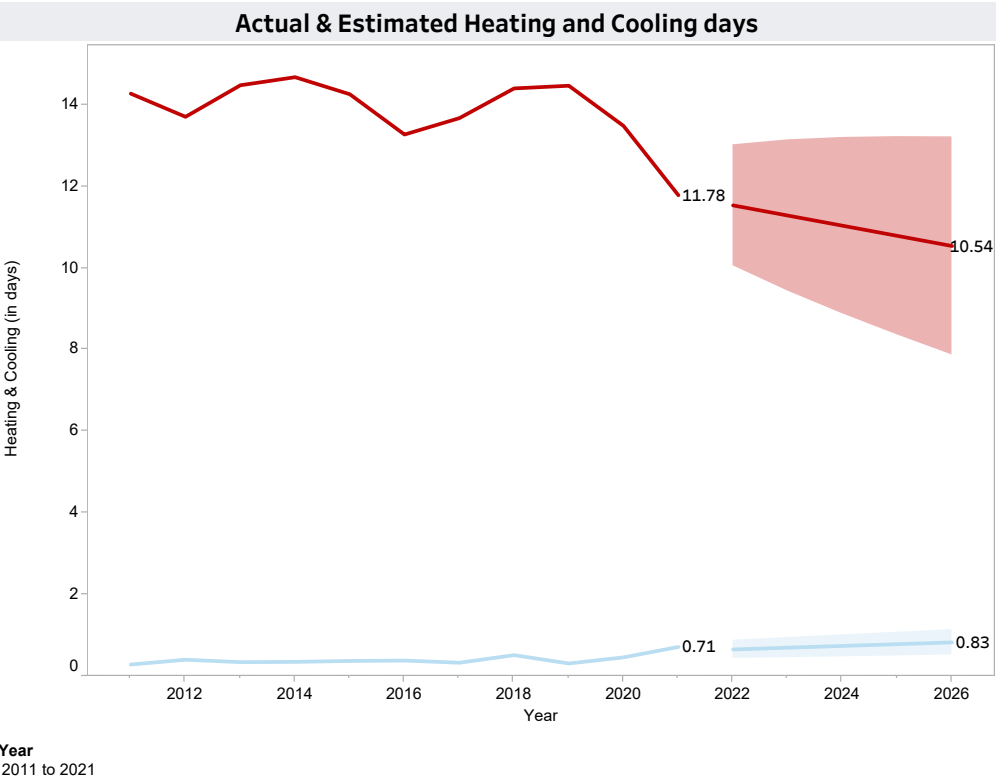
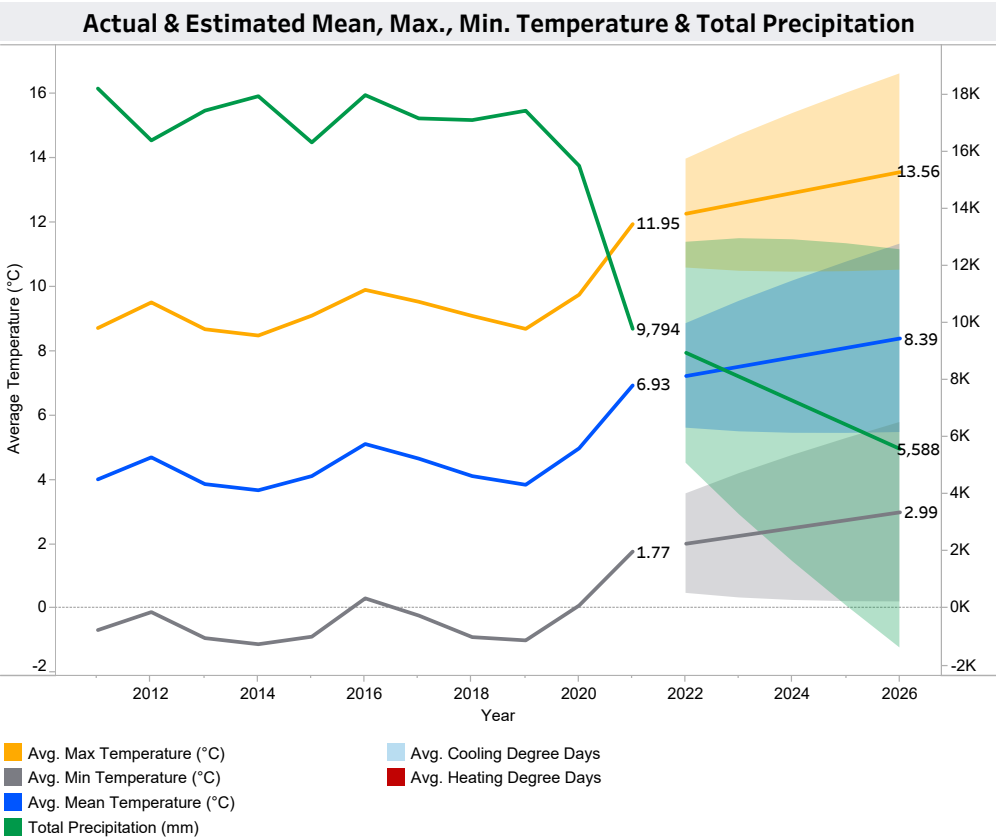
Weather Trends in Canada

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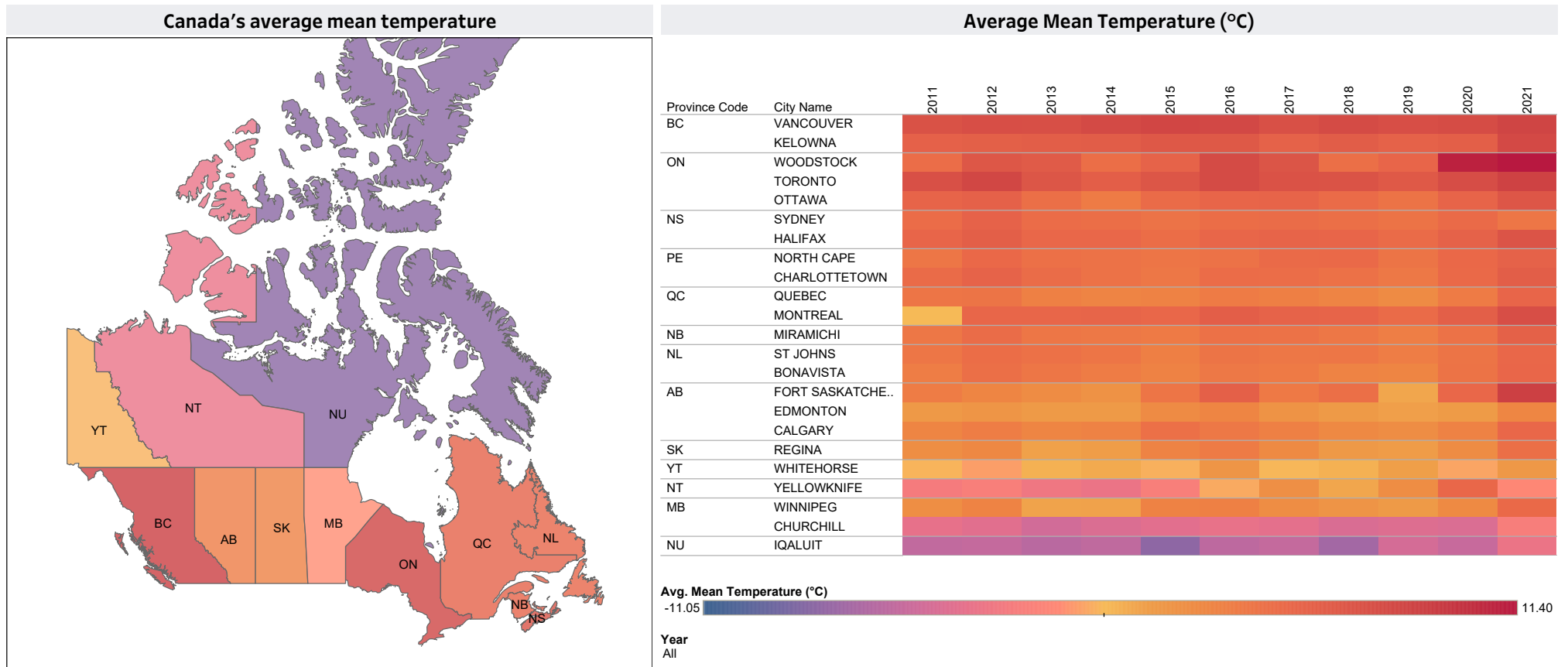
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Weather Trends in Canada

Introduction	Q1: What are the changes in the temperature (Hot and Cold) acro..	Q2: Top 5 Cities with highest total precipitation	Q3: How the actual trends in Canadian weather(mean, max., ..	Q4: Mean temperature across Canada	Conclusion
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Weather Trends in Canada

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THANK YOU