

# Exploring Carbon Emissions by London Borough dataset in Tableau

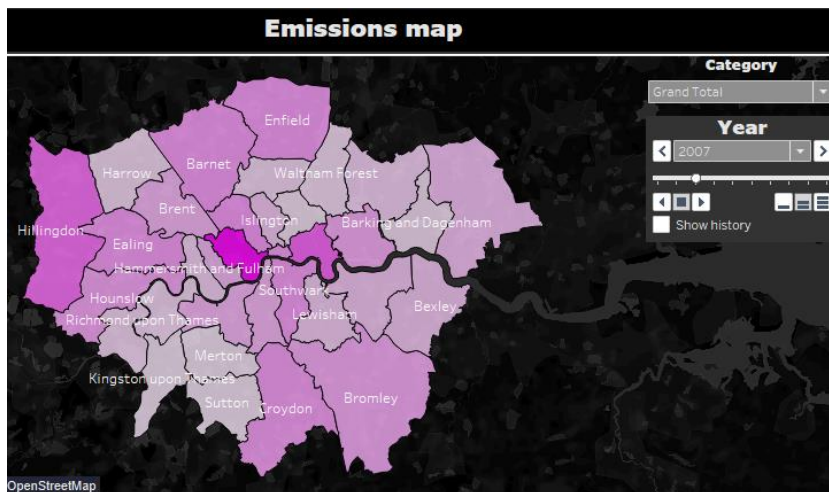
By: Emma Kaas Andersen



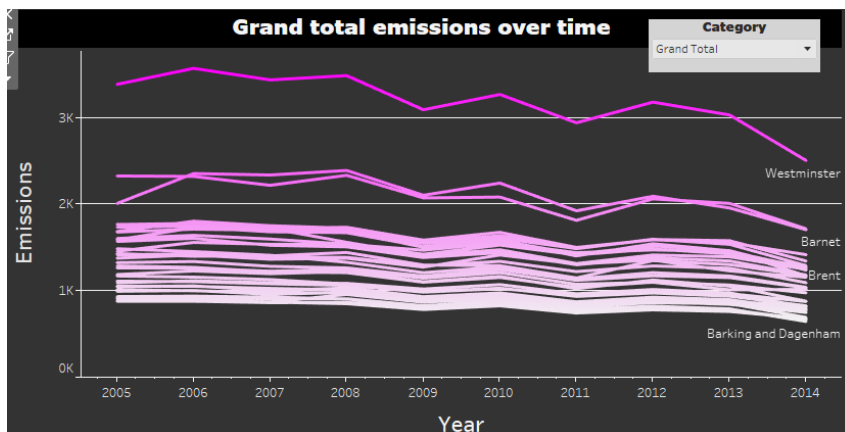
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In this project I used a sample dataset from Tableau's sample dataset called 'CO2 Emissions by London Borough (2005-2014)' and explored the data using visualizations in Tableau. In addition to this dataset, I also used 'Statistical GIS Boundary Files for London' which is available from data.gov.uk for the map visualization showing the emission rates for each London borough.

Below are the visualizations which I made to explore this dataset:

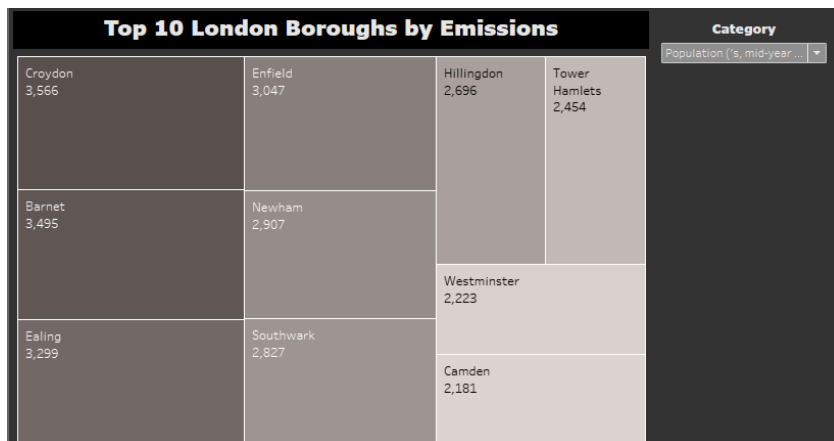


This is a map visualization showing the boroughs of London. This is where I connected the GIS boundary data to create the map image and connected it to the London emissions dataset. There is also the option on the side to change the category and the year depending on what you want to look at. It is useful to see whether there is a trend of boroughs next to each other having similar or different results.

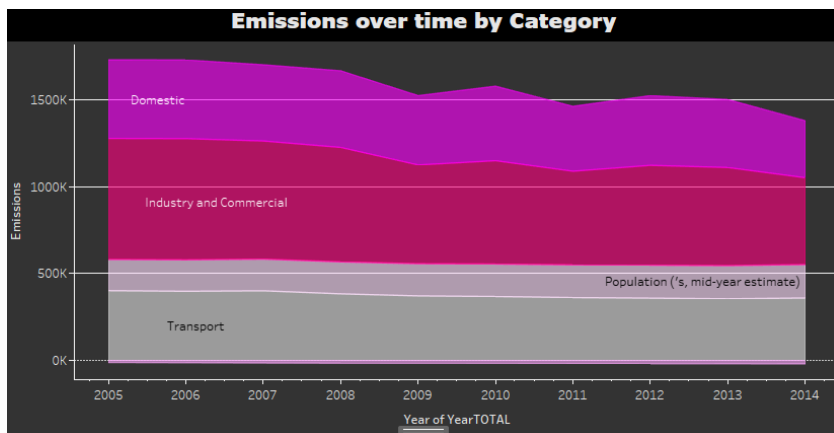


This is a line chart showing emissions over time by London borough. You can also change the category on the dropdown menu. It is useful to see if there are any changes over time. The ultra-low emission zone was announced in 2013 ("Boris Johnson Announces Plans for Ultra Low Emission Zone") so it while there is a decrease in emissions from 2013 to 2014 it would be interesting to see if this trend

continues as more of the policy in implemented.

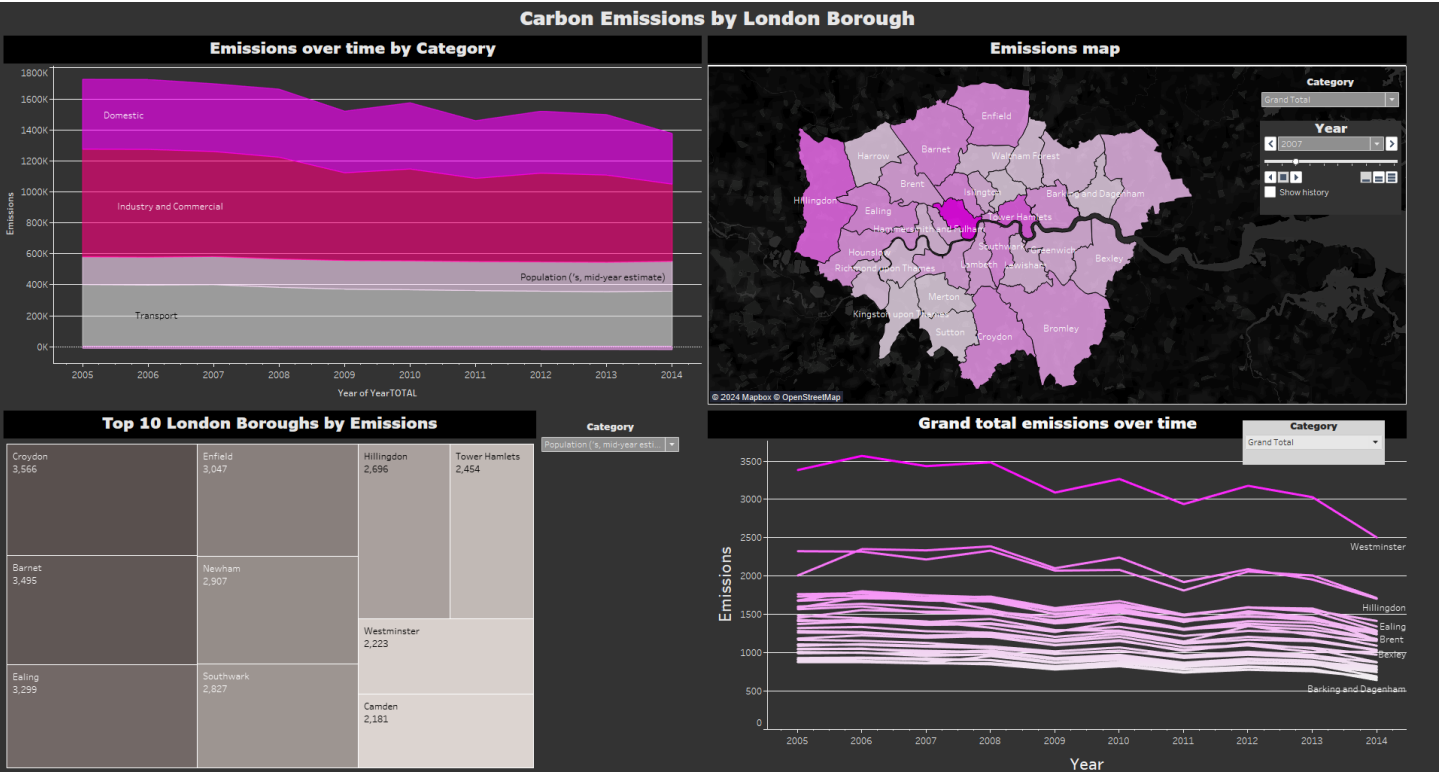


This is a histogram showing the top 10 London Boroughs by Emissions and the category can be changed using the drop-down menu. It's interesting to see how much the top 10 changes as the categories are changed, although Westminster appears the most often in the number 1 spot.



An area chart showing emissions over time by category. From this chart we can see that domestic emissions are the highest

# Final Dashboard



## Bibliography

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