

Homocides in Toronto from 2004-2020*

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Abstract

Understanding the datasets of homicides in The City of Toronto Neighborhoods are crucial for determining the distribution of police resources among the neighborhoods. From we obtain this data of homicide cases in Toronto between the years of 2004-2020. We find that except the years between 2010-2015, we have relatively high number of homicide cases. Our findings have implication for allocation of police surveillance, police patrols, and the management of weapons registration.

1 Introduction

First paragraph is going to be motivational and broad.

Second Paragraph is about what was done and what was found.

Third Paragraph about implication.

The remainder of this paper is: Section 2 explains the data. Section 3 covers results

2 Data

Paragraph or two introducing the dataset broadly.

We obtain our dataset from the City of Toronto open Data Portal, using the ‘opendatatoronto’ package (Gelfand 2020) and statistical programming language R (R Core Team 2020).

Read and clean the required data for my exploratory data analysis.

Then show an extract of the dataset (Table 1) .

Paragraph or two more about Table 1.

We are interested in the number of homicide occurrence each year from 2004-2020, and the neighbourhoods with high number of homicide cases, as well as the type of homicide in each case. This is the measure of how homicide cases are distributed and has implications for allocation of police resources.

(Figure 1) shows the number of homicide occurrence each year from 2004-2020.

(Figure 2) shows the top 10 neighbourhoods with most number of homicide cases

(Figure 3) shows number of each homicide type

*Code and data are available at: https://github.com/justinteng1999/starter_folder-main

Table 1: First ten rows of a dataset of a dataset that shows homicide occurrence

Year of Occurrences,	Neighborhood of Occurences	Type of Homicide
2004	Yonge-St.Clair (97)	Other
2004	Woburn (137)	Shooting
2004	Malvern (132)	Shooting
2004	Dovercourt-Wallace Emerson-Junction (93)	Shooting
2004	Rouge (131)	Shooting
2004	Downsview-Roding-CFB (26)	Stabbing
2004	Downsview-Roding-CFB (26)	Shooting
2004	Mount Olive-Silverstone-Jamestown (2)	Other
2004	Malvern (132)	Shooting
2004	Clairlea-Birchmount (120)	Shooting

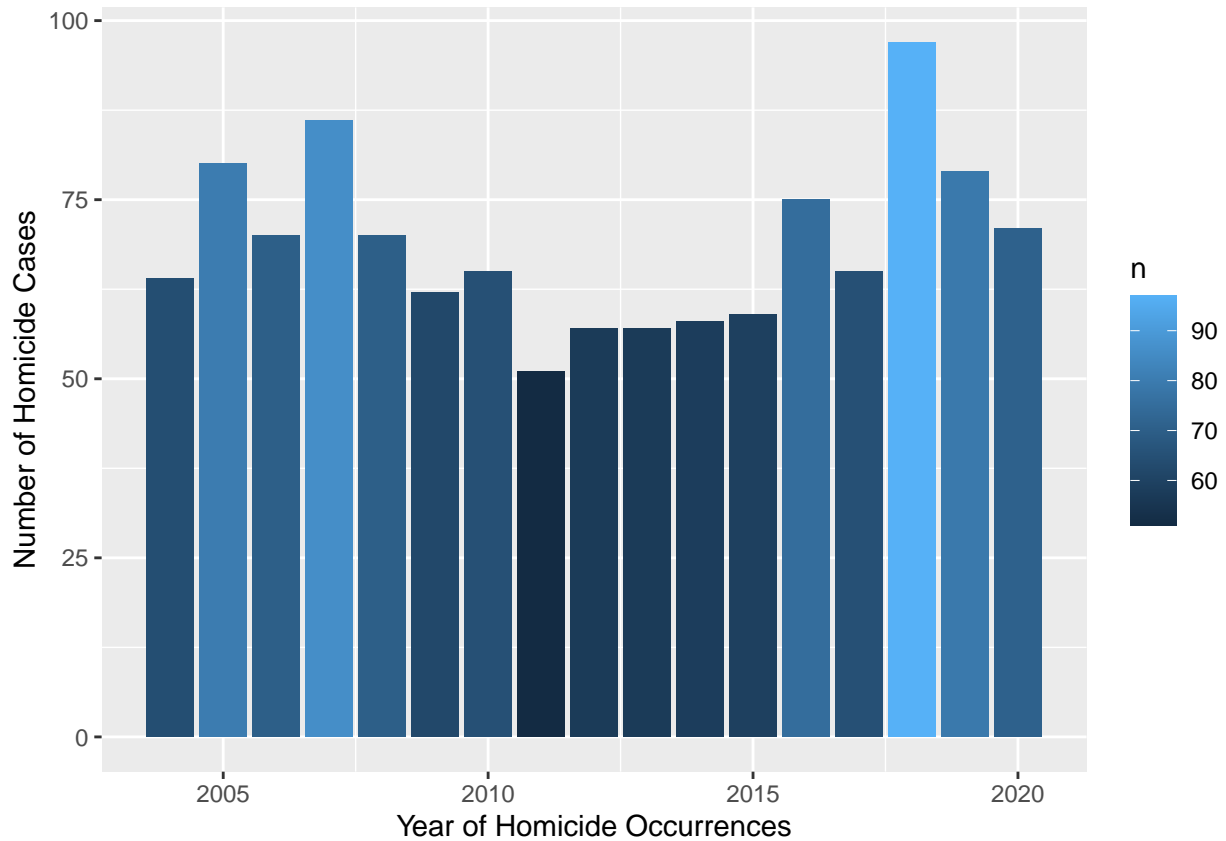


Figure 1: Homicide Occurrences each Year (2004-2020)

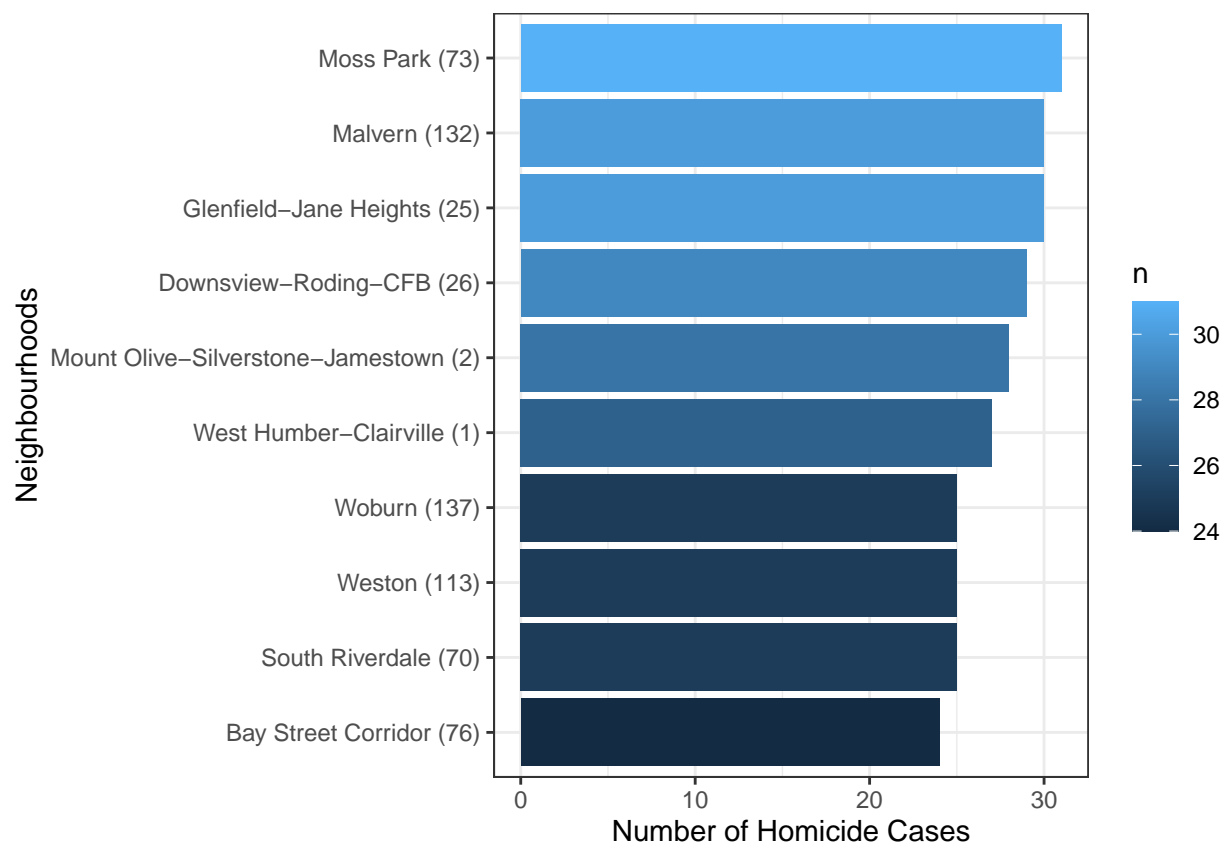


Figure 2: Top 10 Neighbourhoods with Most Homicide Occurrences (2004-2020)

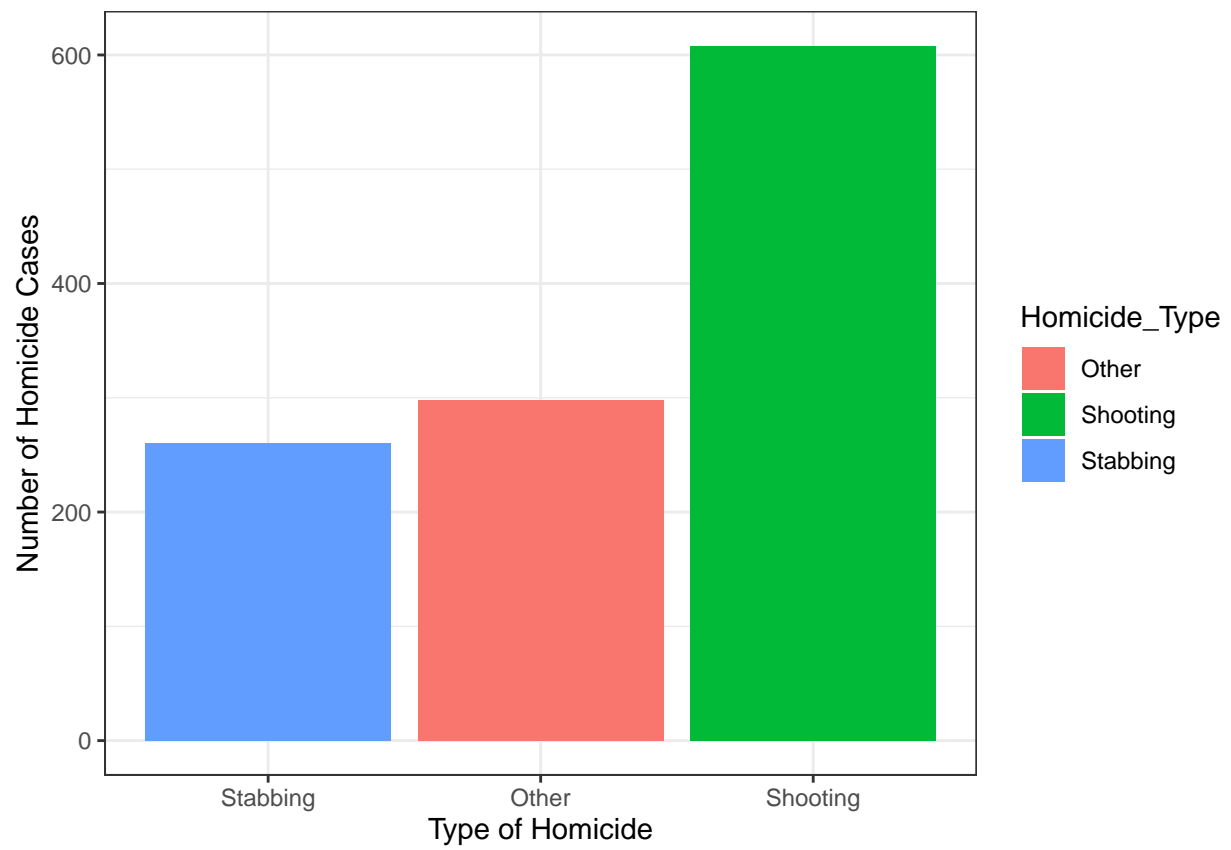


Figure 3: Type of Homicide Cases (2004-2020)

3 Results

4 Discussion

4.1 First discussion point

If my paper were 10 pages, then should be at least 2.5 pages. The discussion is a chance to show off what you know and what you learnt from all this.

4.2 Second discussion point

4.3 Third discussion point

4.4 Weaknesses and next steps

Weaknesses and next steps should also be included.

Appendix

A Additional details

References

- Gelfand, Sharla. 2020. *Opendatatoronto: Access the City of Toronto Open Data Portal*. <https://CRAN.R-project.org/package=opendatatoronto>.
- R Core Team. 2020. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. <https://www.R-project.org/>.