

[ADD TITLE]*

Tam Ly

January 23, 2024

[ADD ABSTRACT]

```
library(tidyverse)
```

```
-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
v dplyr      1.1.4      v readr      2.1.5
v forcats    1.0.0      v stringr    1.5.1
v ggplot2    3.4.4      v tibble     3.2.1
v lubridate  1.9.3      v tidyr      1.3.0
v purrr      1.0.2

-- Conflicts ----- tidyverse_conflicts() --
x dplyr::filter() masks stats::filter()
x dplyr::lag()     masks stats::lag()
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become
```

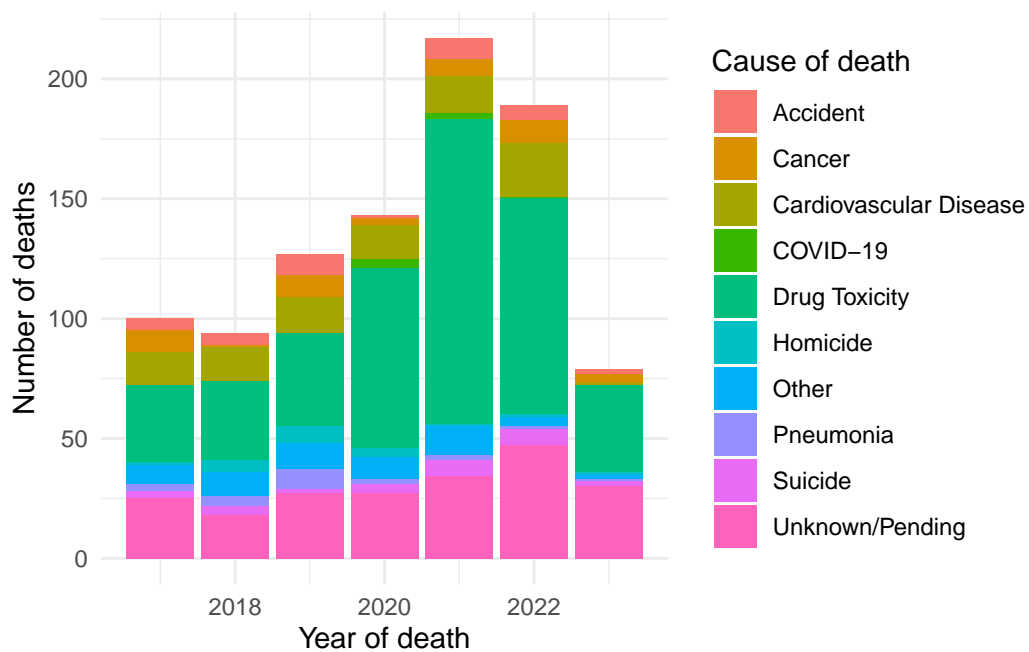
```
# Read in cleaned data
cleaned_toronto_homeless <- read.csv(here::here("outputs/data/cleaned_toronto_homeless.csv"))
```

*Code and data are available at: https://github.com/atn-ly/toronto_homeless_deaths_by_cause

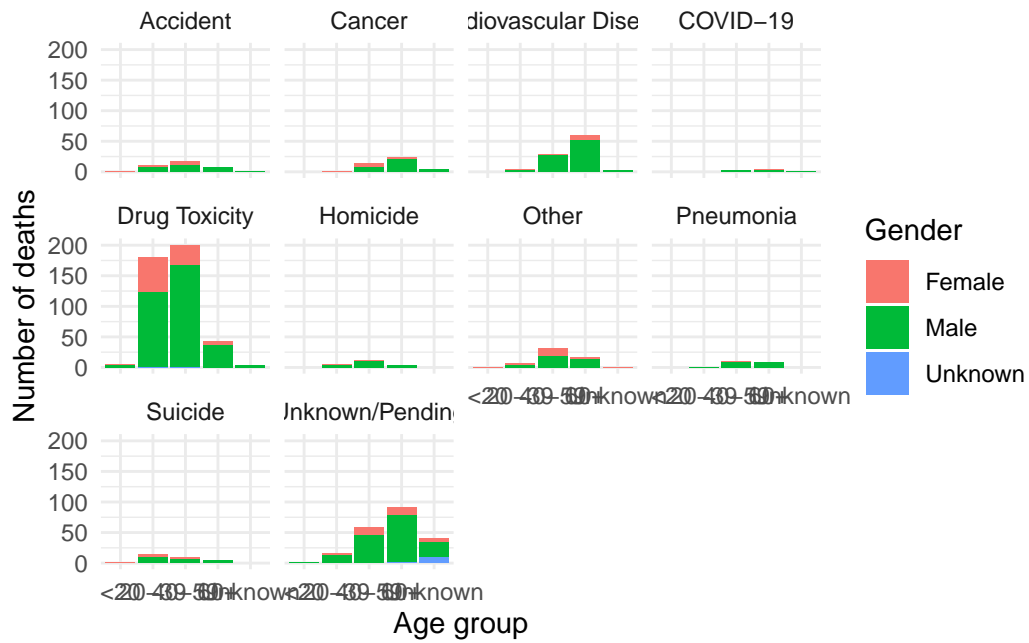
1 Introduction

2 Data

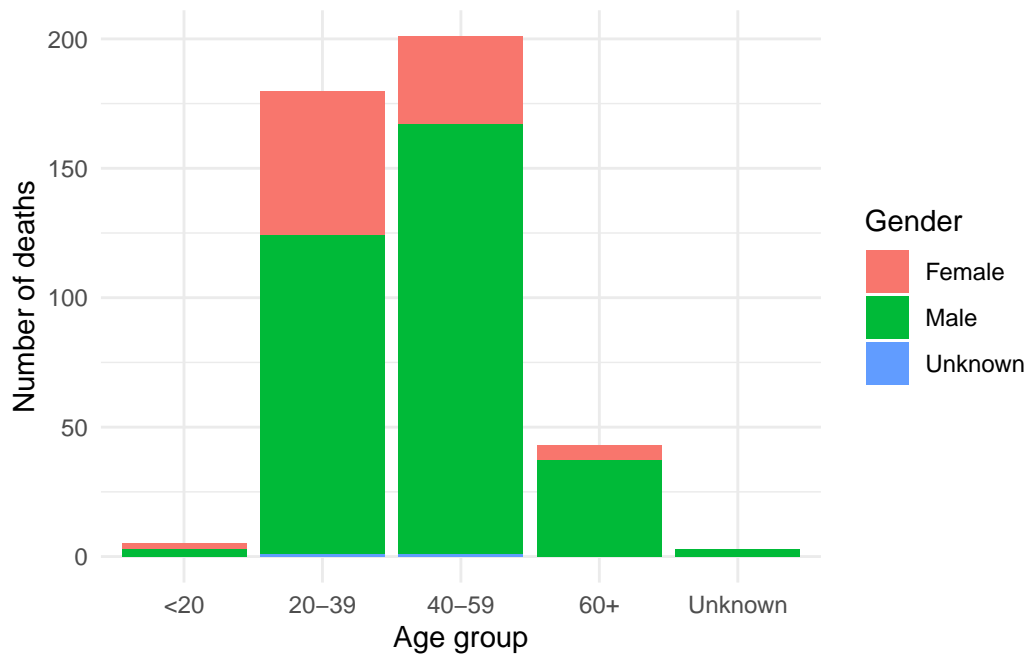
```
cleaned_toronto_homeless |>
  ggplot(mapping = aes(x = year_of_death, y = count, fill = cause_of_death)) +
  geom_col() +
  theme_minimal() +
  labs(x = "Year of death", y = "Number of deaths", fill = "Cause of death")
```



```
cleaned_toronto_homeless |>
  ggplot(mapping = aes(x = age_group, y = count, fill = gender)) +
  geom_col() +
  theme_minimal() +
  labs(x = "Age group", y = "Number of deaths", fill = "Gender") +
  facet_wrap(vars(cause_of_death))
```



```
cleaned_toronto_homeless |>
  filter(cause_of_death == "Drug Toxicity") |>
  ggplot(mapping = aes(x = age_group, y = count, fill = gender)) +
  geom_col() +
  theme_minimal() +
  labs(x = "Age group", y = "Number of deaths", fill = "Gender")
```



3 References