Pittsburgh Monthly Incident Dataset
Revision 1.1
October 17, 2024

Update log

> **1.1** –
> Added the inclusion of "Arrests_Data_Dashboard" which consists of incident-level dataset sourced from the Records Management System.

Data Overview

This dashboard utilizes an aggregated, incident-level dataset sourced from our Records Management System (RMS). To ensure privacy, personal identifiers are removed, and street-level addresses are generalized to block-level addresses. Additionally, identifiers related to "sex offenses" are excluded, and these incidents are marked as "N/A," with only the reporting zone being retained.

Some data may appear incomplete or inaccurate, as it directly reflects the entries in the RMS. Certain fields may be left blank, and neighborhood or zone information might be inconsistent due to the circumstances of where the report was filed, as opposed to where the incident actually occurred.

Incident Data Dashboard Functionality

The **Incident_Data_Dashboard** page includes the following features:

- **Timeline Filter**: Located at the top left, users can adjust dates either by inputting specific dates or using the slider.
- **Crime Analysis Unit Insignia**: Clicking the insignia resets all filters applied on the dashboard.
- **Zone Filter**: On the left side, the Zone filter dynamically updates the aggregated crime or charge totals based on the selected zone.
    - For example, selecting "Zone 1" will display the reported crimes in Zone 1.
- **Neighborhood Filter**: Below the Zone filter, this option dynamically updates crime totals by neighborhood.
- **Crime/Charge Summary Cards**: The following crime categories are displayed from left to right:
    - **Crimes Reported**: Reflects the number of crimes reported at the NIBRS level. For more information on NIBRS codes, visit the following resources:
        - [FBI NIBRS Overview](#)
        - [NIBRS Offense Codes](#)
   - **Aggravated Assaults**
    - **Homicides**

- o **Burglary/Breaking & Entering**
- o **Distinct Crimes Reported**: Shows the number of distinct incidents reported, filtered by the Pittsburgh Bureau of Police incident number.
  - ▪ For example, if a single incident involves both robbery and aggravated assault, this field will reflect one incident, while the "Crimes Reported" field will show two distinct NIBRS-level crimes.
- o **Sex Offenses**
- o **Robbery**
- o **Theft**

Tabled Incident Data Functionality

The second page, **Tabled_Incident_Data**, offers a tabular view of the aggregated data. The table updates dynamically based on selections made from filters on the "Dashboard" page, such as Zone, Neighborhood, or Reported Date.

Additional filters are available on the left side of the table page. The following fields are included within the table:

- **Template**
- **Report Number**: The Pittsburgh Bureau of Police (PBP) reporting number assigned to each incident.
- **Year**
- **Month**
- **Day**
- **Reported Time**
- **NIBRS Offense Category**: A general classification of each NIBRS crime. More information here.
- **NIBRS Offense Type**: A detailed description of each NIBRS crime.
  - o For instance, the NIBRS Offense Category "Assault Offenses" may include types such as "Aggravated Assault," "Simple Assault," or "Intimidation."
- **Zone**
- **Census Tract**: The census tract in which the crime was reported.
- **Neighborhood**
- **Block Address**: The block address of the reported crime, rounded to the nearest hundred to protect personal privacy.

Additionally, users may export the table by click the ⬚ at the top right of the table and selecting "Export data".

Arrest Data Dashboard Functionality

The third page, **Arrest_Data_Dashboard**, includes the following features

- **Timeline Filter**: Located in the middle, users can adjust dates either by using the slider, or clicking on a specific month
- **Crime Analysis Unit Insignia**: Clicking the insignia resets all filters applied on the dashboard.
- **Neighborhood Filter**: Located the left, this option dynamically updates crime totals by neighborhood.
- **Arrest Summary Cards**: Displays the number of arrests for each respective zone.