TITLE: Overall NYC Crime Decrease Visible in South Bronx

November 12, 2021

**SOURCE:**

40th Precinct Data:

* <https://www1.nyc.gov/site/nypd/bureaus/patrol/precincts/40th-precinct.page>

41st Precinct Data:

* <https://www1.nyc.gov/site/nypd/bureaus/patrol/precincts/41st-precinct.page>

Date Pulled: November 5th, 2021

**Location**

Desktop/FDJassignment2/precinctdata.xlsx

**Scope**

How have crime rates changed in the South Bronx in recent years?

**Questions**

How do crime rates compare in the 40th and 4st precincts between 2020 and 2021?

How do the percent changes compare?

Was there an increase or decrease in 2021 compared to 2020?

**Analysis**

1. Imported both sets of data from respective Precinct websites (40th & 41st)
   1. Evaluated data for best amounts to extract to show recent changes in crime rates in both districts individually
      1. 40th Precinct: Crime Complaints Year to Date 2020
      2. 40th Precinct: Crime Complaints Year to Date 2021
      3. 41st Precinct: Crime Complaints Year to Date 2020
      4. 41st Precinct: Crime Complaints Year to Date 2021
   2. Evaluated data for best amounts to compare the data between the two precincts
      1. 40th Precinct: Crime Complaints Percent Change Year to Date 2020 to 2021
      2. 41st Precinct: Crime Complaints Percent Change Year to Date 2020 to 2021
2. Copied both original data sets and created a new sheet for organizing data for datawrapper
3. Extracted the previously mentioned columns and sorted them in a separate worksheet
   1. Crime Complaints Year to Date 2020
      1. 40th Precinct
      2. 41st Precinct
   2. Crime Complaints Year to Date 2021
      1. 40th Precinct
      2. 41st Precinct
   3. Percent Change in Crime Complaints Year to Date from 2020 to 2021
      1. 40th Precinct
      2. 41st Precinct
4. Cleaned data and imported each of the data sets into Datawrapper, inserting the header titles manually
5. Selected Split Bar Chart for the first two charts, Double Bar Graph for the third chart
6. Stylistic edits & titles & captions & notes & sources & etc.
7. Added alternate text and colorblind accessibility options
8. Published