

# DATA-DRIVEN POLICING

Analysis of MTA Data for NYPD Transit Deployment



presented by:  
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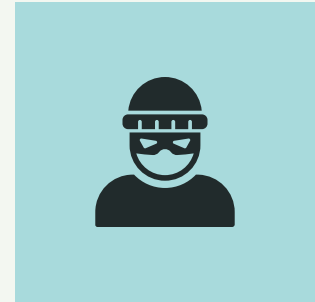
# INTRODUCTION



64.8% Vaccinated  
11M doses and counting



370% more riders  
May 2020 vs. May 2020 Ridership



93% More Crimes  
compared to May 2020

OBJECTIVE

# WHERE TO DEPLOY ?



# MTA

TURNSTILE DATA



# NYPD

TRANSIT CRIME DATA

# MTA TURNSTILE DATA

## TURNSTILE

**C/A**

CONTROL AREA

**UNIT**

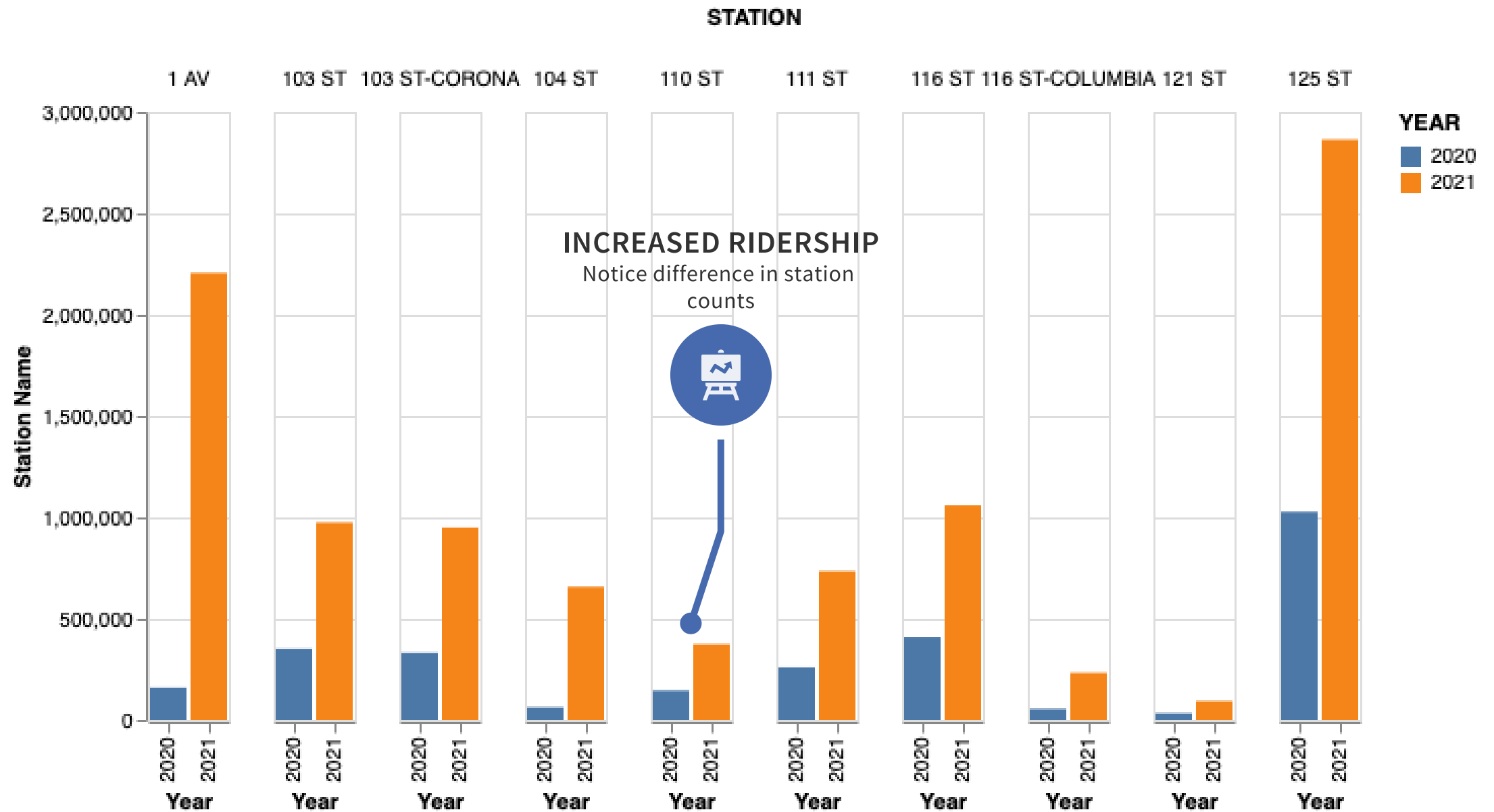
REMOTE UNIT

**SCP**

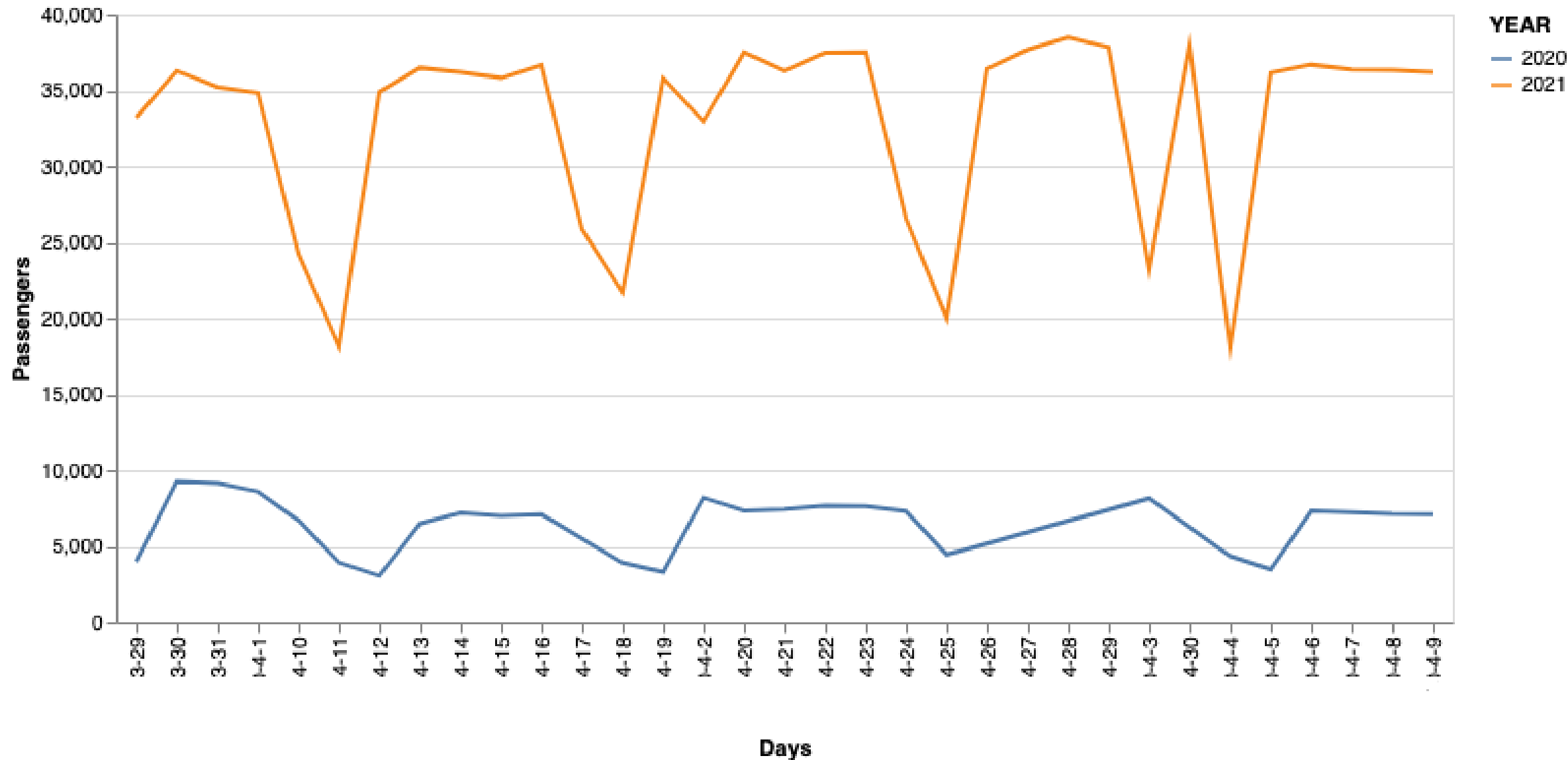
SUB-UNIT CHANNEL  
POSITION

**STATION**

LOCATION OF STATION

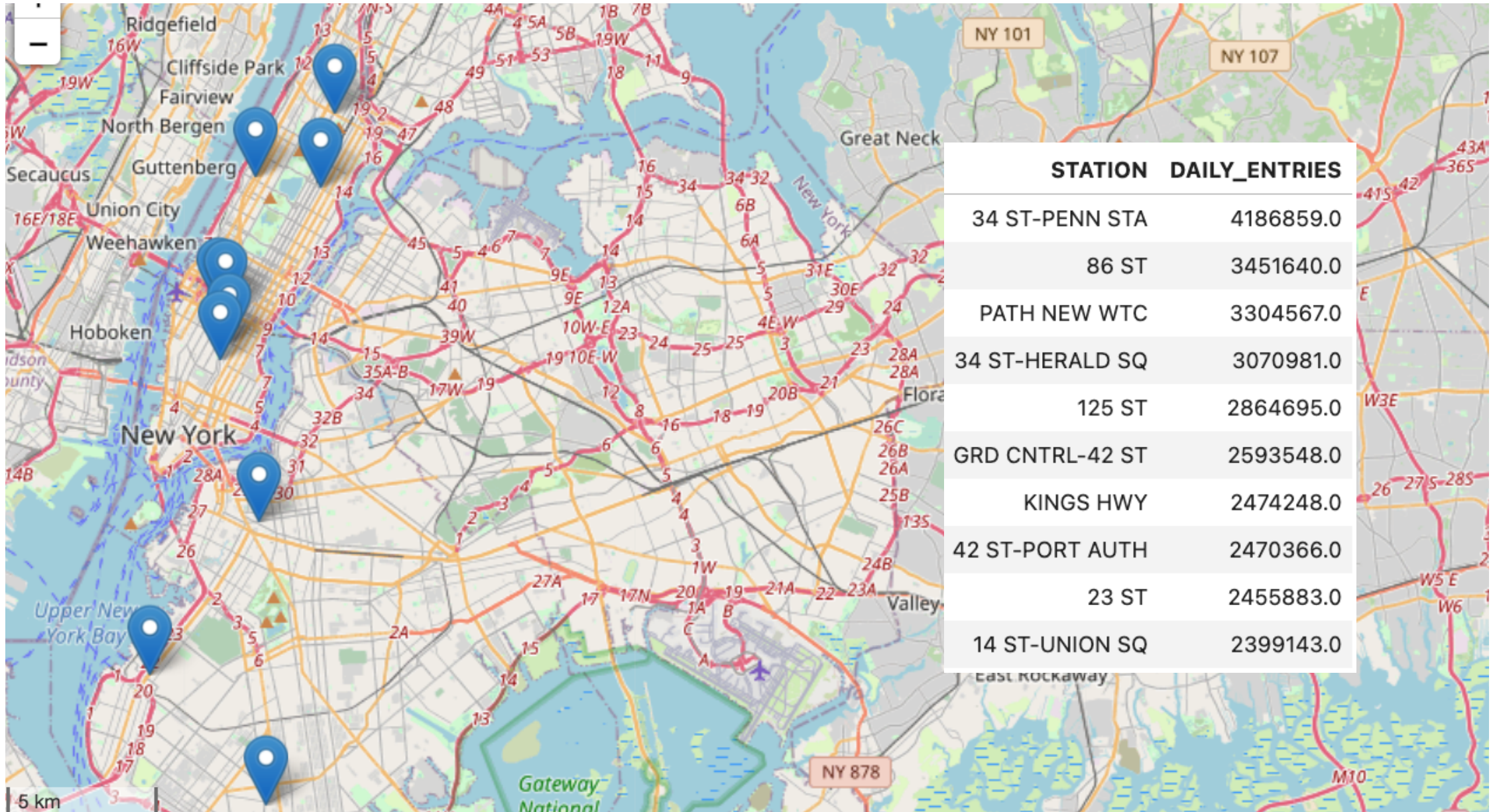


# DAILY ENTRIES FOR 34TH ST PENN STATION





# THE TOP 10 BUSIEST STATIONS 2020



# NYPD TRANSIT CRIME

## 3 Borough Commands, 12 Districts

Manhattan, Brooklyn and Bronx/Queens

## The Data

Obtained from Open Data NYC and NYPD website

## Crime Date

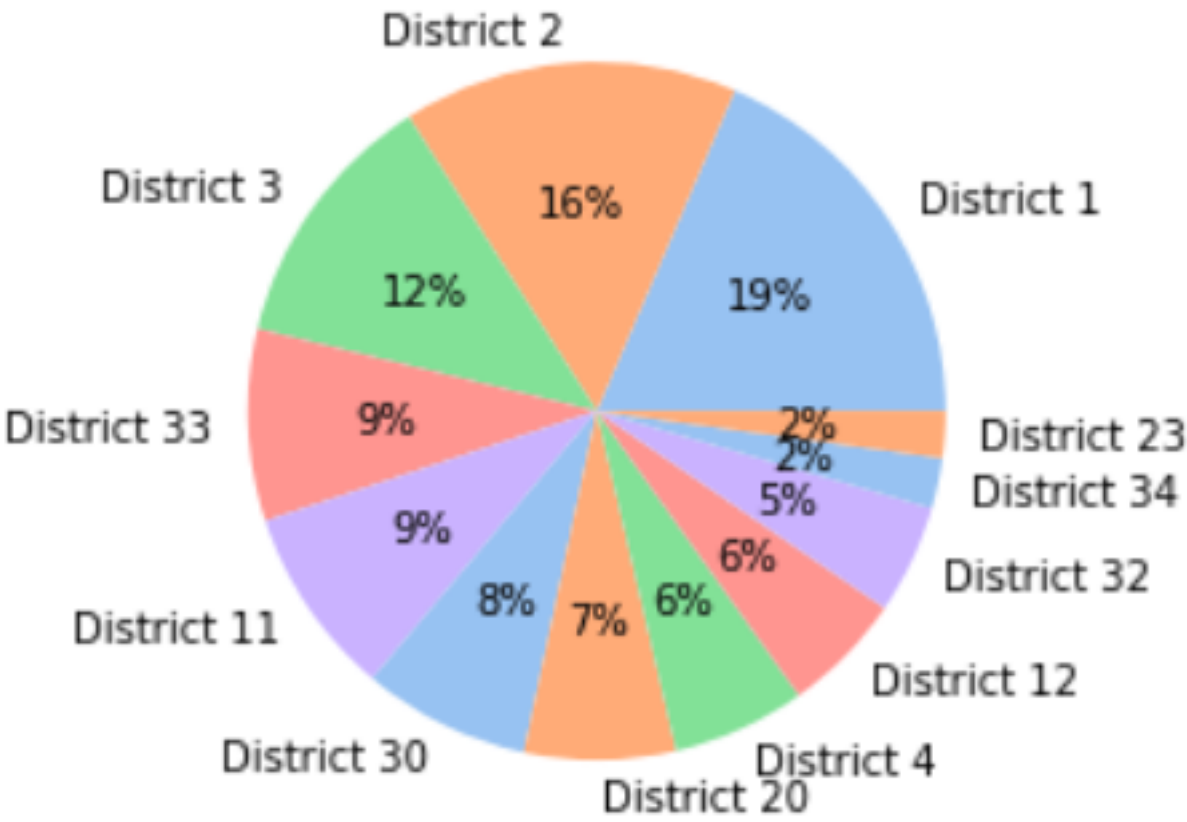
Indexed by complaint number but includes date of occurrence and report of crime, location, precinct, district and nearest subway station location.





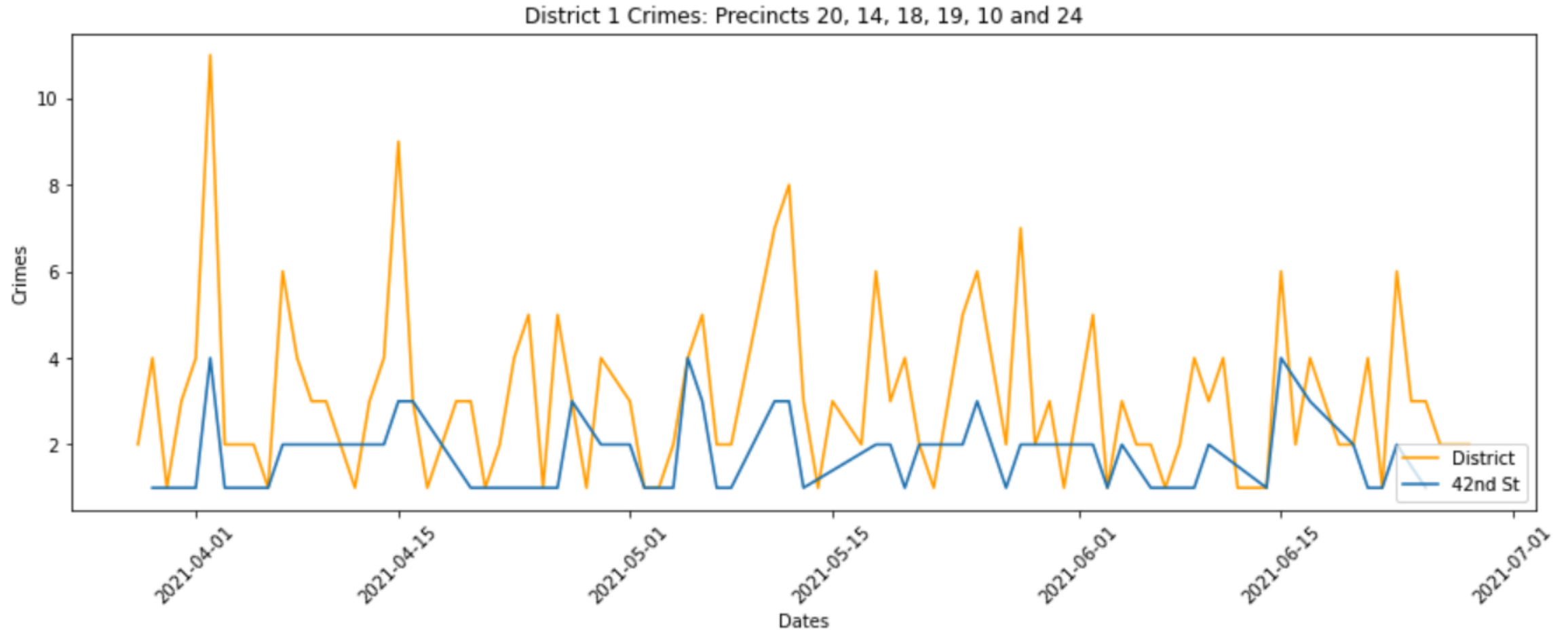
# TRANSIT CRIME

Percentage of Crimes by Transit District



District	Station	Crimes
1	42 ST.-PORT AUTHORITY BUS TERM	98
1	42 ST.-TIMES SQUARE	44
1	59 ST.-COLUMBUS CIRCLE	40
4	125 STREET	39
2	34 ST.-PENN STATION	32
32	UTICA AVE.-CROWN HEIGHTS	29
3	125 STREET	28
2	W. 4 STREET	27
4	42 ST.-GRAND CENTRAL	26
2	CANAL STREET	23

# DISTRICT 1



# RECOMMENDED LIST OF STATIONS

34 ST-PENN STA

42 ST.-TIMES SQUARE

59 ST.-COLUMBUS CIRCLE

125 STREET

34 ST.-PENN STATION

CANAL STREET

UTICA AVE.-CROWN HEIGHTS

34 ST-HERALD SQ

14 ST-UNION SQ

FULTON STREET

59 ST



THANK YOU

'WOODHAVEN BLVD'  
'14 ST' '33 ST'  
'161 ST.-YANKEE STADIUM' '14 ST-UNION SQ'  
'96 ST' '14 STREET'  
'W. 4 STREET' '125 STREET'  
'34 ST-PENN STA' '145 ST'  
'FULTON STREET' '23 ST'  
'59 ST' '42 ST.-TIMES SQUARE'  
'CHAMBERS ST' '125 ST'  
'UTICA AVE.-CROWN HEIGHTS'  
'JUNCTION BLVD' '96 STREET'  
'42 ST.-PORT AUTHORITY BUS TERM'  
'34 ST.-PENN STATION' 'UNION SQUARE'  
'42 ST.-GRAND CENTRAL' 'KINGS HWY'  
'CANAL ST' 'FULTON ST' '28 ST'  
'34 ST.-HERALD SQ.'  
'135 STREET'  
'CANAL STREET'  
'14 STREET'  
'JAY STREET-BOROUGH HALL'  
'138 ST 65'  
'138 ST 89L'  
'34 ST-HERALD SQ'