

Improving Cardiac Arrest Survival

The background of the slide features a photograph of several FDNY paramedic vehicles, specifically rescue ambulances, parked in a lot. The image is overlaid with a semi-transparent red filter. The vehicles are white with red and yellow reflective stripes and various emergency lights. Text on the vehicles includes 'FDNY', 'RESCUE PARAMEDICS', and 'KEEP BACK'. A small 'FDNY green' logo is also visible on one of the vehicles.

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11 February 2022

INTRODUCTION

FDNY responded to
54,073
cardiac arrest
deaths 2011-2017.

Cardiac arrests
account for
87%
of FDNY patient
deaths.

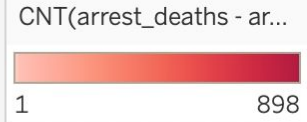
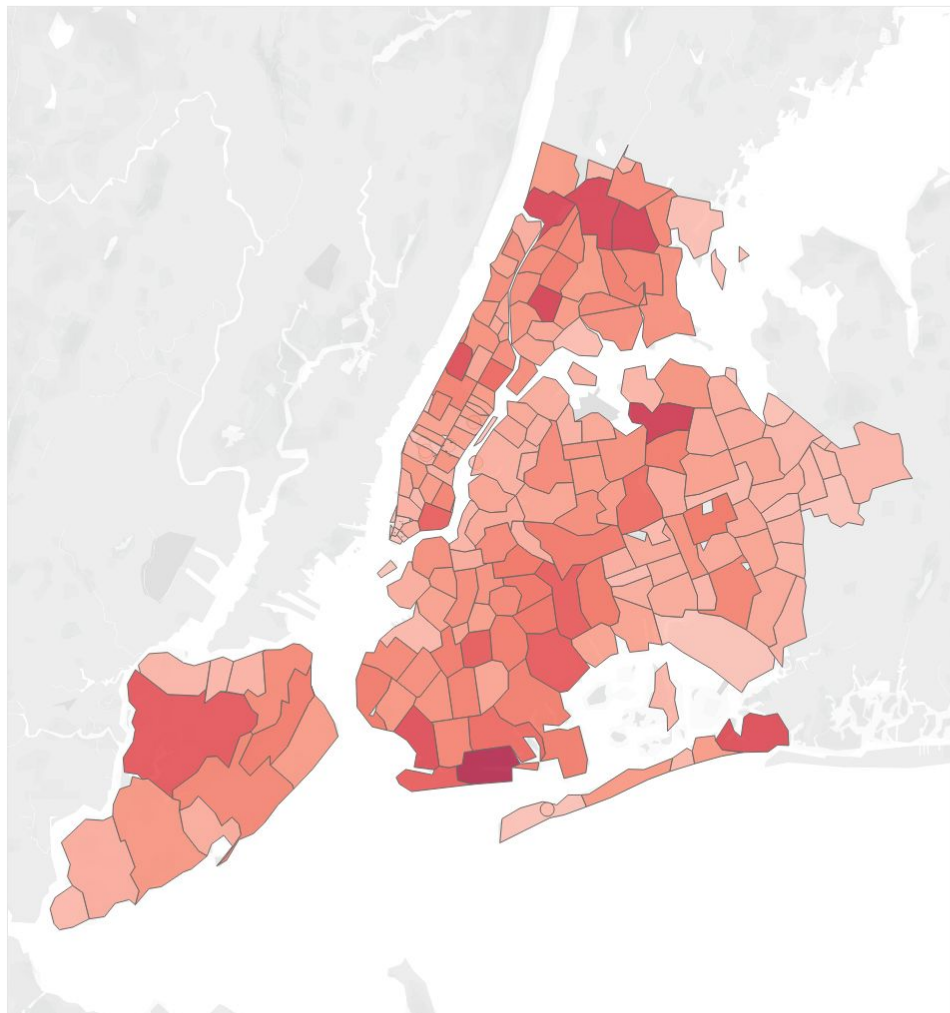
BUSINESS PROBLEM

How can FDNY decrease the number of patient deaths?

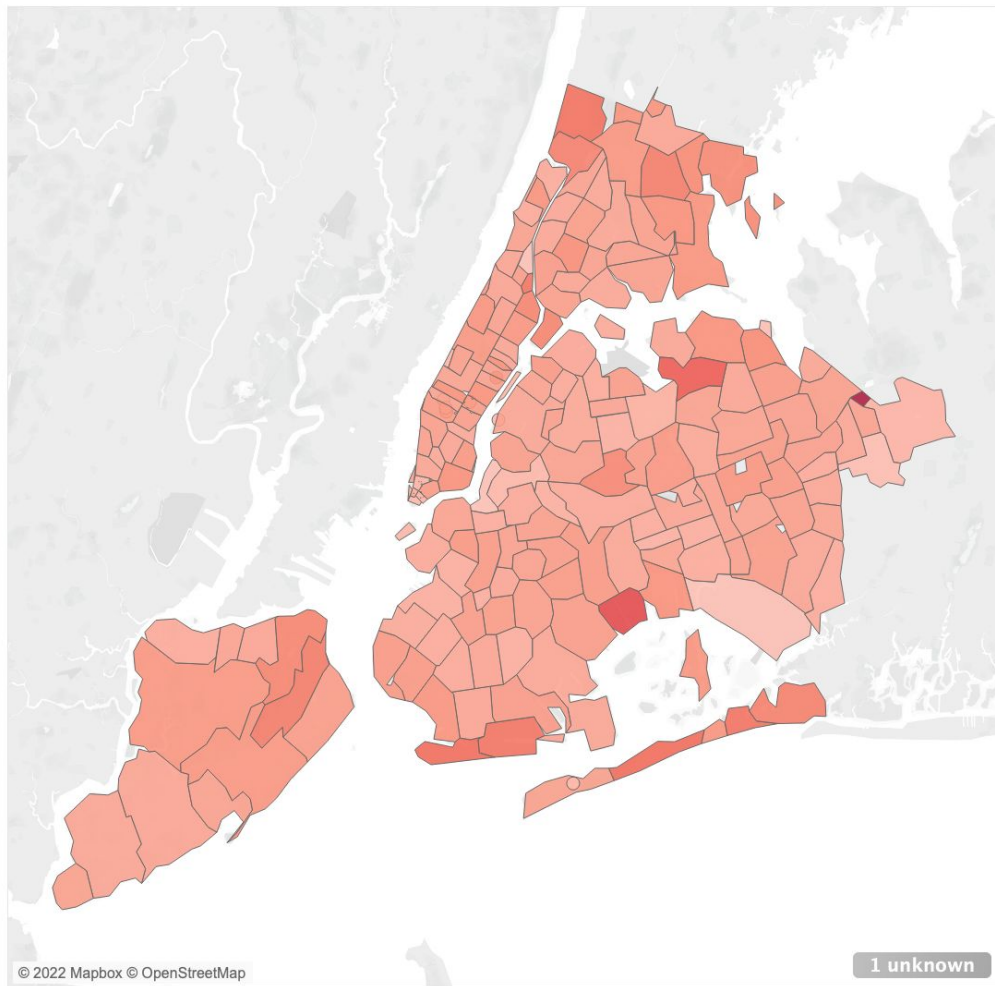
PROPOSED SOLUTION

Identify features associated with cardiac arrest deaths.

Cardiac Arrest Deaths by Zip Code



Cardiac Arrest Deaths Per Capita



SUM(Arrests/Populatio...





Floral Park, NY 11005

RESPONSE TIME IS LOWER FOR DEATHS

DEATHS

4:44

min

TRANSPORTS

5:00

min

RECOMMENDATIONS

- Investigate cardiac arrests in highlighted zip codes
- Obtain patient outcome data
- Measure deaths after interventions



THANK YOU