

Vision Zero

JR Team

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THE VISION ZERO CONCEPT

Making errors part of the equation

In every situation a person might fail - the road system should not. This is the core principle of the Vision Zero.

Vision Zero

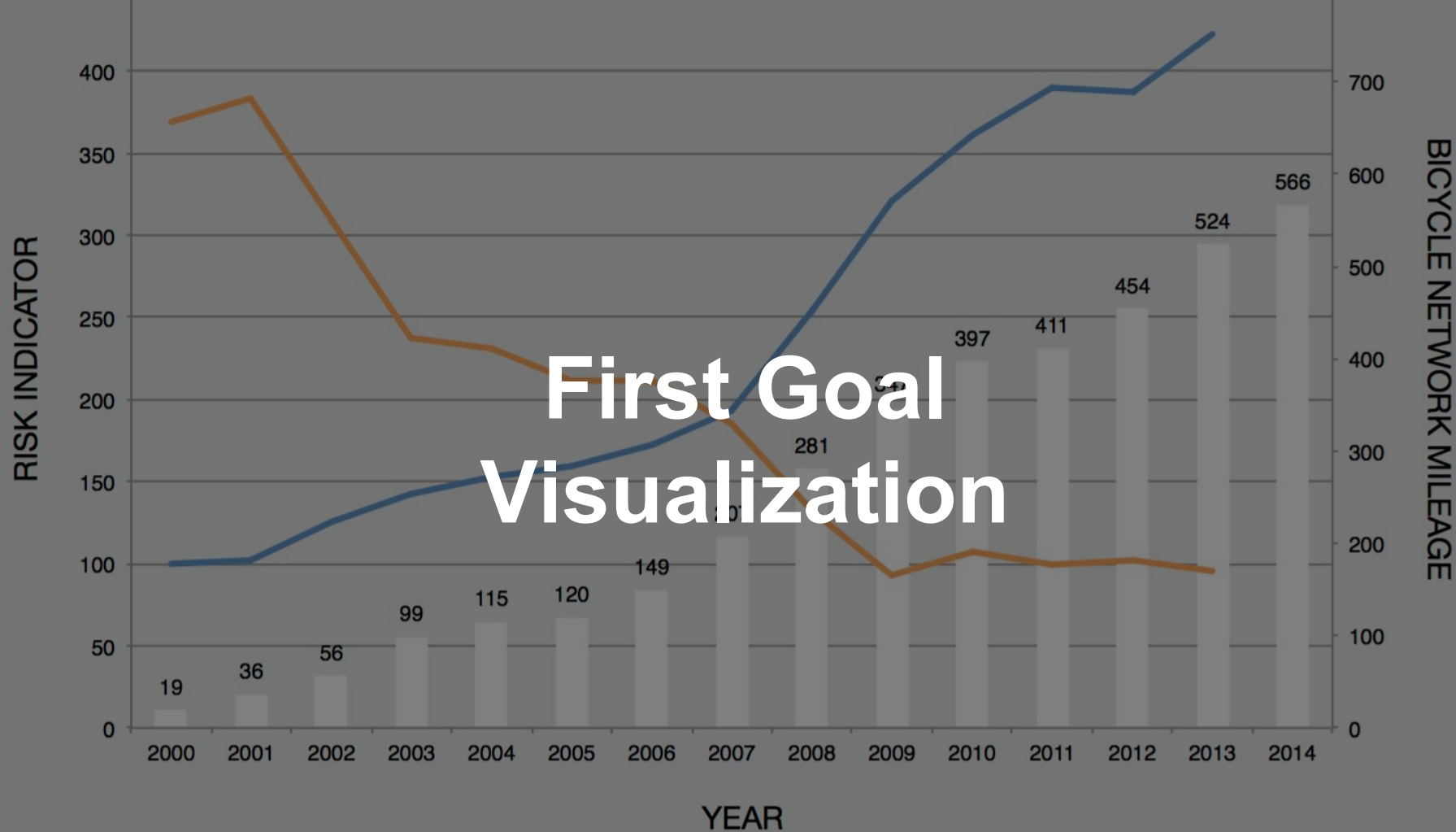
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- Mayor has publicly, officially committed to Vision Zero
- Vision Zero plan or strategy is in place, or Mayor has committed to doing so in clear time frame
- Key city departments (including Police, Transportation and Public Health) are engaged.

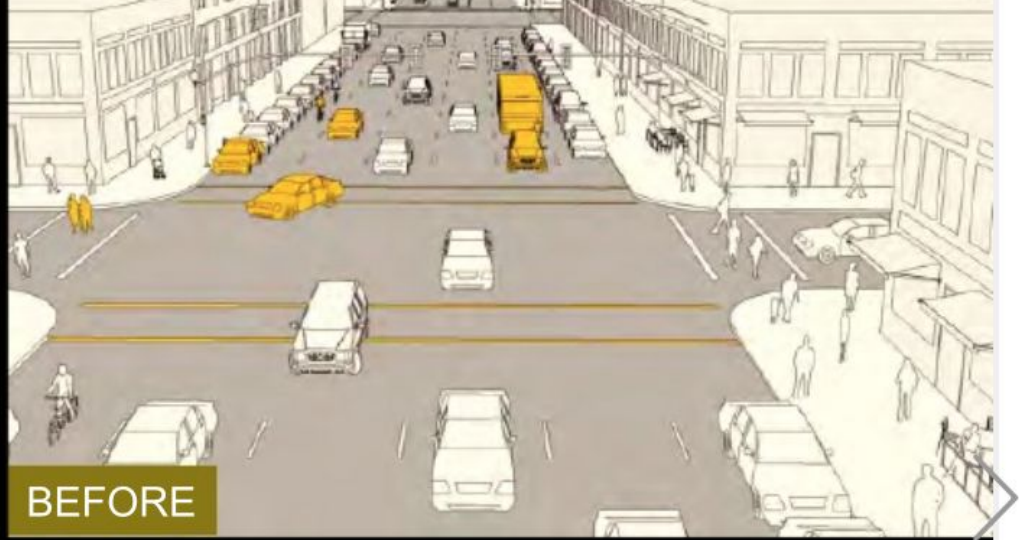


Vision Zero History



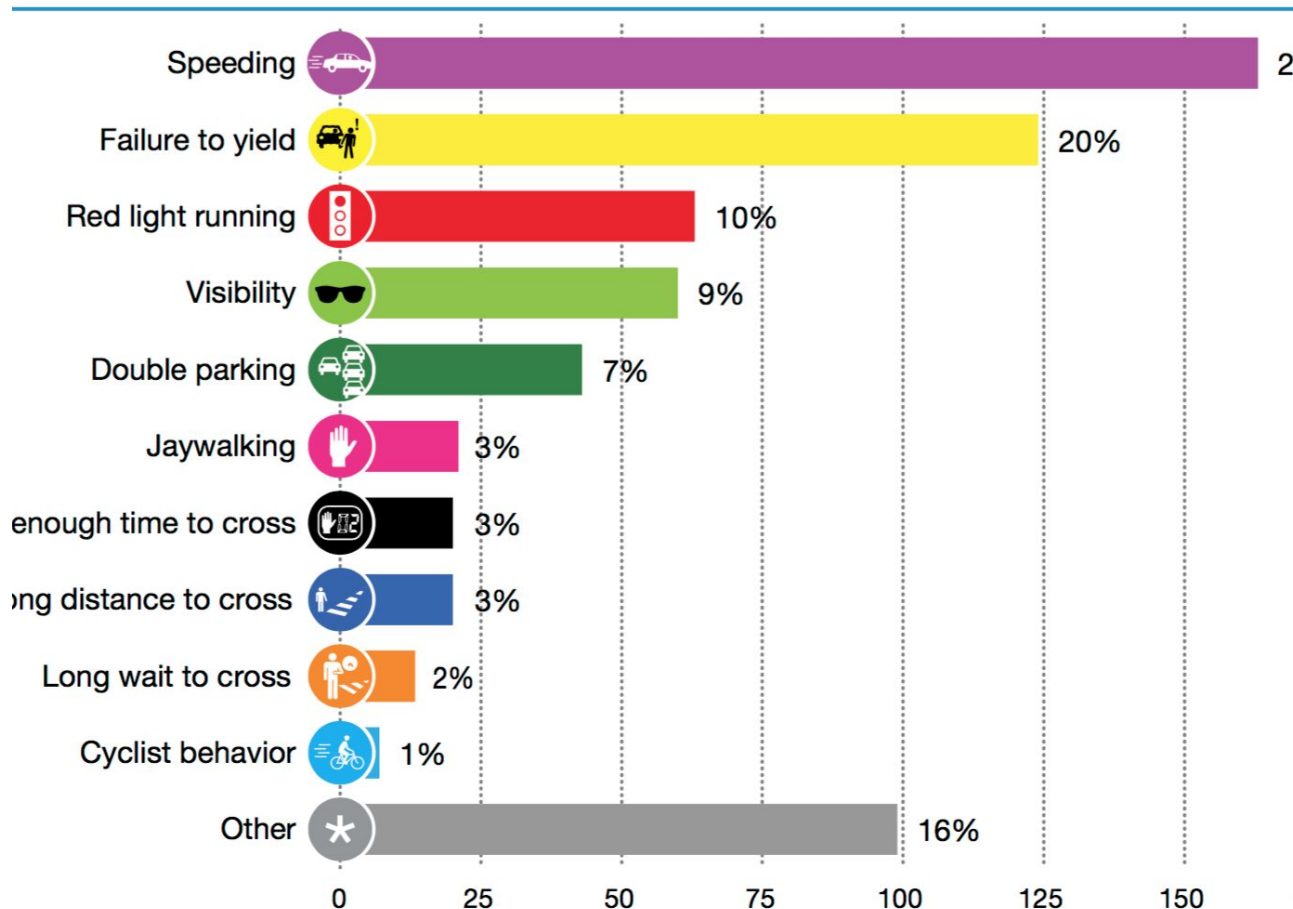
The Science of Safe Streets

- Designated space for buses, cyclists, drivers and pedestrians

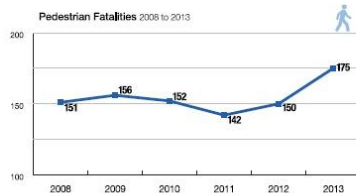
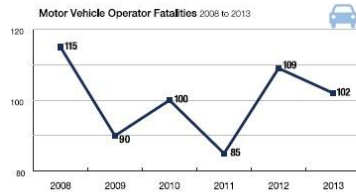
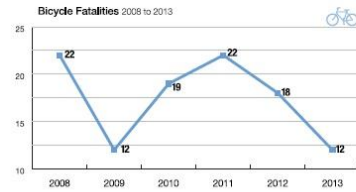
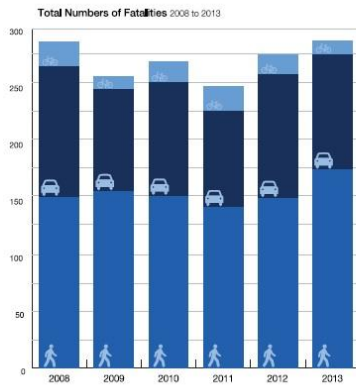


• Lane reduction to
Second Goal street users
while maintaining capacity
Evaluating Statistics and Hypothesis
testing on data using distances

Third Goal Discover Correlations



breakdown of issues by category logged on the Vision Zero website closely reflected the issues recorded at the Pedestrian Safety Workshops.



Discover Correlations

Where the DOT has made changes, fatalities are down 34%.

On Macombs Road, redesign led to 41% fewer crashes with injuries.

Data Sets

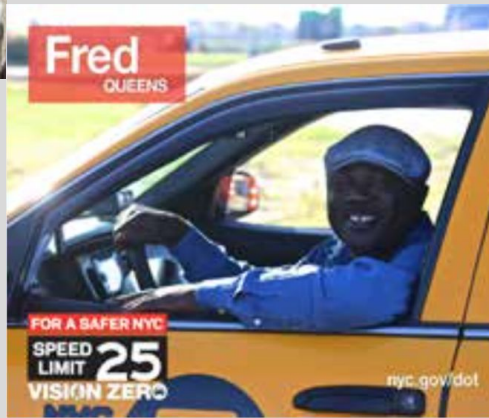
- Green Cab
- FHV Cab
- Yellow Cab
- Citi Bike Data
- NYPD Crime Data
- NYPD Collision Data
- Subway Station Locations
- Subway Entrance Locations
- Housing Maintenance Code Violations
- Parking Violation Issued
- NYC WI-FI Hotspot Locations
- Bus Stop Locations
- 311 Complaint Data
- NYC Pluto

Summary:

➤ Outcomes



Vision Zero



Thank you!