Data Toolkit for Activists: Crashmapper.org

March 25, 2021

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Who is CHEKPEDS

- New York City based, Clinton Hell’s Kitchen Chelsea Coalition for Pedestrian Safety (CHEKPEDS) was founded in September 2005
- 500 members with Block Associations, Businesses, Institutions and Property owners
- Steeped in facts and data since its inception
Fact Based Advocacy

• If you can't measure it, you can't improve it*
• How to debunk claims or accepted truths
• Is it getting better?
• Are we as bad as we think?
• Where do you start?

*Peter Drucker
• Provide 4 types of analysis

  – Map for any period with standardized filters and custom geography filter
  – Trend multiple geographies for a given period
  – Compare two periods for a given geography or vehicular type
  – Rank geographies including intersections
### NYC Crash Mapper

#### Filter by Date Ranges

<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PERIOD A</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Citywide</strong></td>
<td>329 KILLED</td>
<td>33,689 INJURED</td>
<td>-7% change</td>
<td>353 KILLED</td>
<td>32,549 INJURED</td>
<td>+4% change</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pedestrian Killed: 280</td>
<td>Pedestrian Injured: 23,700</td>
<td></td>
<td>Pedestrian Killed: 324</td>
<td>Pedestrian Injured: 24,519</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Cyclist Killed: 49</td>
<td>Cyclist Injured: 9,989</td>
<td></td>
<td>Cyclist Killed: 29</td>
<td>Cyclist Injured: 8,030</td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PERIOD B</strong></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Custom Geography</strong></td>
<td>0 KILLED</td>
<td>131 INJURED</td>
<td>-100% change</td>
<td>1 KILLED</td>
<td>178 INJURED</td>
<td>-26% change</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pedestrian Killed: 0</td>
<td>Pedestrian Injured: 103</td>
<td></td>
<td>Pedestrian Killed: 1</td>
<td>Pedestrian Injured: 131</td>
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<tr>
<td></td>
<td>Cyclist Killed: 0</td>
<td>Cyclist Injured: 28</td>
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<td>Cyclist Killed: 0</td>
<td>Cyclist Injured: 47</td>
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</tbody>
</table>
We calculate rank by adding up the crashes based on the settings in the "Filter by Type" menu at right. Then we sort on the number of injuries, then the number of fatalities, for each geographic area over the past 24 months, ending with the most recently completed month. To see two areas on other chart views, select them and then click Trend or Compare.

APR 2016 — APR 2018

Sort by: Name Rank

1 / 32
BROOKLYN
JAY ST & TILLARY ST
19 injuries, 0 fatalities

2 / 32
BROOKLYN
ATLANTIC AVE & NOSTRAND AVE
17 injuries, 0 fatalities

2 / 32
MANHATTAN
CHRISTIE ST & DELANCEY ST
17 injuries, 0 fatalities

3 / 32
BRONX
BROOK AVE & E 138 ST
16 injuries, 0 fatalities

3 / 32
BRONX
E 149 ST & MORRIS AVE
16 injuries, 0 fatalities

3 / 32
MANHATTAN
AVENUE OF THE AMERICAS & W 23 ST
16 injuries, 0 fatalities

4 / 32
BROOKLYN
ST JOHNS PL & UTICA AVE
15 injuries, 0 fatalities

4 / 32
MANHATTAN
AMSTERDAM AVE & W 125 ST
15 injuries, 0 fatalities

4 / 32
MANHATTAN
CANAL ST & LAFAYETTE ST
15 injuries, 0 fatalities

4 / 32
MANHATTAN
DELANCEY ST & ESSEX ST
15 injuries, 0 fatalities

4 / 32
QUEENS
ARCHER AVE & SUTPHIN BLVD
15 injuries, 0 fatalities

4 / 32
QUEENS
NORTHERN BLVD & UNION ST
15 injuries, 0 fatalities

4 / 32
QUEENS
NORTHERN BLVD & UNION ST
15 injuries, 0 fatalities

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QUEENS
NORTHERN BLVD & UNION ST
15 injuries, 0 fatalities
### NYPD Crash Mapper

We calculate rank by adding up the crashes based on the settings in the "Filter by Type" menu at right. Then we sort on the number of injuries, then the number of fatalities, for each geographic area over the past 24 months, ending with the most recently completed month. To see two areas on other chart views, select them and then click Trend or Compare.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Year</th>
<th>NYPD Precinct</th>
<th>Injuries</th>
<th>Fatalities</th>
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<tbody>
<tr>
<td>1</td>
<td>2018</td>
<td>109</td>
<td>802</td>
<td>11</td>
</tr>
<tr>
<td>2</td>
<td>2018</td>
<td>75</td>
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<td>3</td>
<td>2018</td>
<td>66</td>
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</tr>
<tr>
<td>4</td>
<td>2018</td>
<td>70</td>
<td>681</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>2018</td>
<td>90</td>
<td>647</td>
<td>3</td>
</tr>
<tr>
<td>6</td>
<td>2018</td>
<td>114</td>
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<td>8</td>
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<td>19</td>
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</tr>
<tr>
<td>9</td>
<td>2018</td>
<td>14</td>
<td>610</td>
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<tr>
<td>10</td>
<td>2018</td>
<td>61</td>
<td>589</td>
<td>7</td>
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<tr>
<td>11</td>
<td>2018</td>
<td>62</td>
<td>538</td>
<td>4</td>
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<tr>
<td>12</td>
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<tr>
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<td>2018</td>
<td>115</td>
<td>527</td>
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<td>15</td>
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<tr>
<td>16</td>
<td>2018</td>
<td>108</td>
<td>510</td>
<td>2</td>
</tr>
</tbody>
</table>
Crashmapper.org

• Data from NYC.gov Open Data
  – NYPD crash data
  – Updated daily – Look back for data corrections
  – Download underlying data

• Useful tools
  – Share URL with embedded filters
  – Links to DOT web sites and publications
  – Video tutorials
TAKE ACTION

- Start a **PETITION** to raise the profile of your traffic problems
- Start a **CAMPAIGN** to obtain the installation of traffic safety features in your area
- Get traffic safety **EDUCATION** for your school
- **JOIN** families of other victims to seek traffic justice
- Report a crash to the **PRESS**.

GET MORE INFORMATION

- **TRAFFIC CALMING** features installed in your neighborhood
- Vision Zero (zero traffic deaths) Pedestrian Safety Action **PLANS**
- Vision Zero **REPORT CARDS**
- **CONTACT** the Department of Transportation
- Get **ANSWERS** to any question on NYC Crash Mapper