



# Top 100 High Crash Intersections List

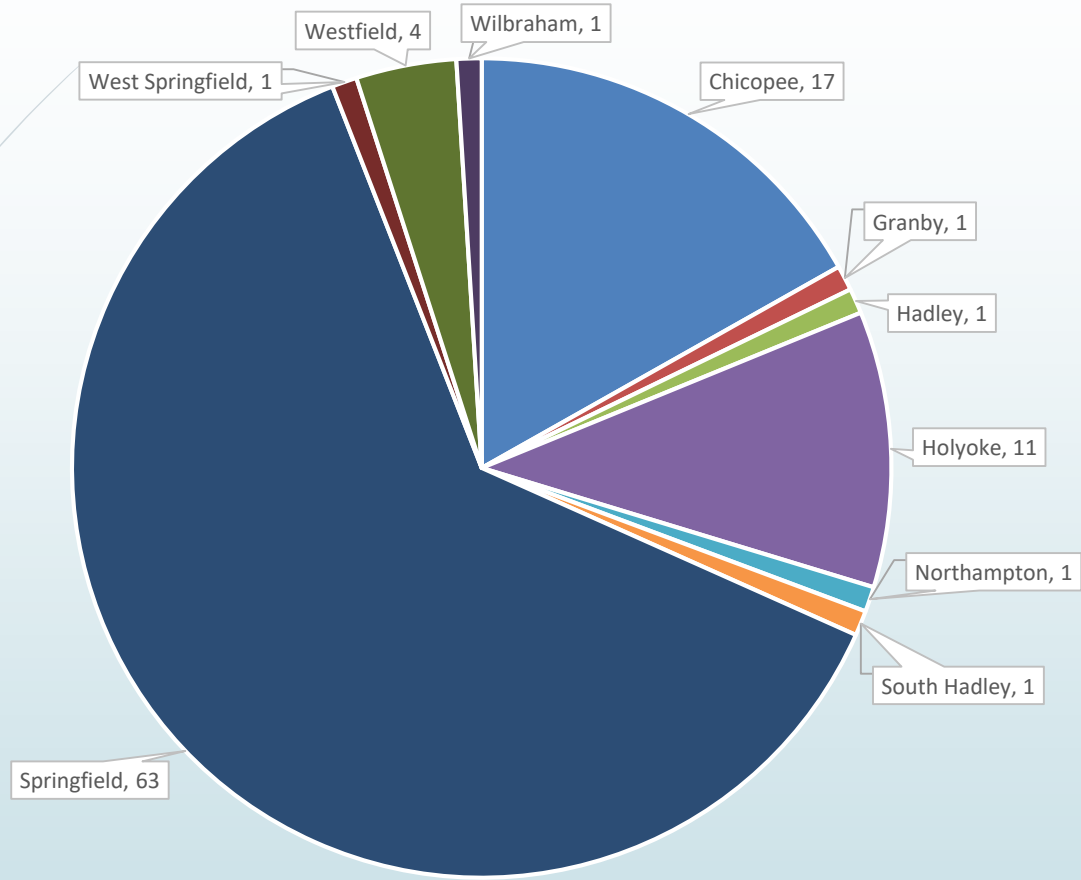
Draft Listing of High Crash Intersections from 2015 – 2017 for the Pioneer Valley



# Top 100 High Crash Intersections

- ▶ Uses 3 years of crash data from MassDOT
  - ▶ Most recent 3 years are 2015, 2016 and 2017
- ▶ Ranking is based on EPDO = Equivalent Property Damage Only Scoring
- ▶ EPDO is now calculated differently
  - ▶ New Method – Serious Injury and Fatal Crashes = 21, Property Damage = 1
  - ▶ Old Method – Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1
  - ▶ New method places a much higher emphasis on serious injury and fatal crashes which are the types of crashes tracked in the safety performance measures
- ▶ Last version of the Top 100 was finalized in 2016 and used crash data from 2011 – 2013.
- ▶ List does not include rotaries or intersections with interstate ramps.
- ▶ Clusters of crashes at closely spaced intersections appear as one intersection on the list.

### Intersections by Community



➤ 10 different communities have at least one intersection that appears on the list.



# Summary

- #1 location remains the “X” in Springfield
- 46 new locations on the list (highlighted in yellow)
- 28 locations dropped in rank from last list
- 4 locations had no change in rank from the last list
- 23 locations increased in rank from the last list
  - Largest increase = 78 spots – Prospect Street at Buckley Boulevard in Chicopee
- Recently completed and planned improvements have been identified for each intersection.
  - 25 locations had improvements made, 11 locations are on the TIP for improvement.



# Next Steps

- ▶ Final List for October 2020
- ▶ PVPC staff currently working on an interactive map of all locations
  - ▶ Map will include detailed data for each location
  - ▶ Plan to include previous versions of Top 100 List as map layer options
- ▶ Drone Video for select locations
- ▶ Additional Content for select locations
  - ▶ Photos, improvement concepts, etc.
- ▶ Updated Safety Compass Report as part of the FFY2021 UPWP
  - ▶ Will cover all crash locations for each community