

**MONTCLAIR TOWNSHIP  
PEDESTRIAN SAFETY COMMITTEE**

# + PEDESTRIAN SAFETY COMMITTEE

## CURRENT MISSION:

- The Committee was formed in 2013 to call attention to and eliminate unsafe conditions on Montclair streets for pedestrians and bicyclists of all ages and abilities.

**Drive With Care in Montclair.**



**We Enforce  
Crosswalk & Phone Laws!**





# Our Partners:

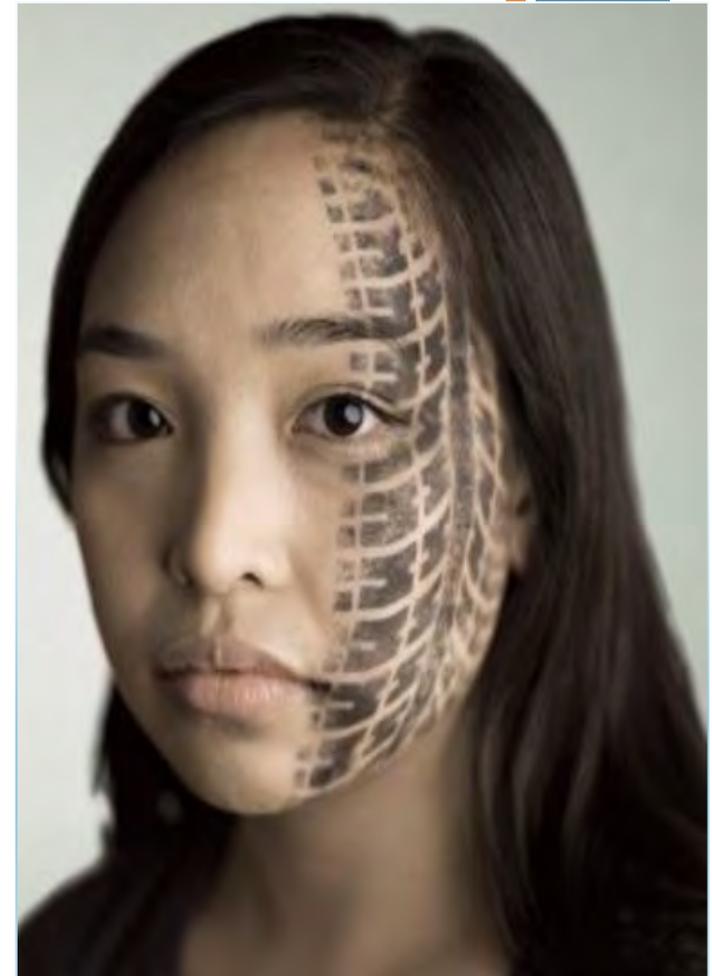


# + PEDESTRIAN SAFETY COMMITTEE

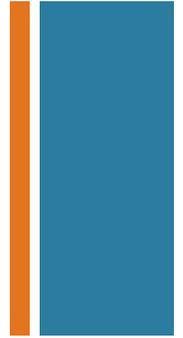


Successful Launch of the **“Drive with Care in Montclair”** campaign, which is designed to encourage safe driving behaviors through a variety of media.

Produced banners, flyers, magnets (almost 1,000 given out), safety cards, posters, and ads, funded by *Partners for Health Foundation*. Online and print articles, and a televised pedestrian safety forum.



+ MONTCLAIR TOWNSHIP

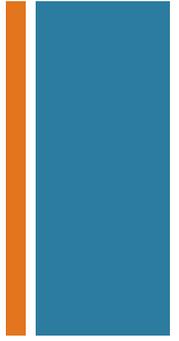


# Pedestrian Crash Data Analysis

## 2003 - 2014

Data Source: New Jersey Department of Transportation; Center for Advanced Infrastructure and Transportation, Rutgers, The State University of New Jersey

# + CRASH DATA ANALYSIS

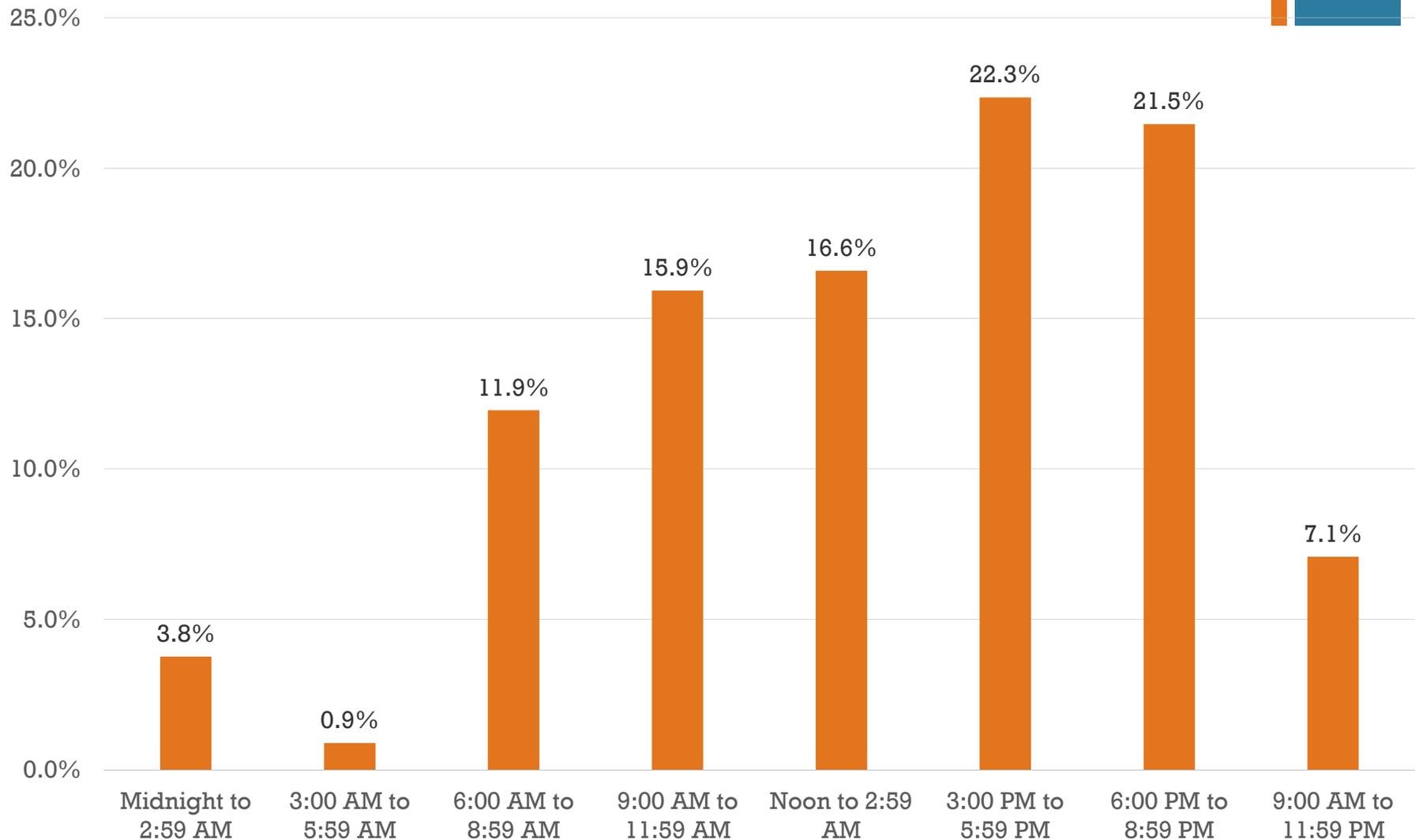


## Crashes Resulting in Pedestrian Injury or Death

Year	Injury	Fatal	
2003	40	1	
2004	45		
2005	34		
2006	37		
2007	36		
2008	44		
2009	47	1	
2010	36		
2011	33	2	
2012	47	1	
2013	41	1	
2014	39	2	
	<b>479</b>	<b>8</b>	

# + CRASH DATA ANALYSIS

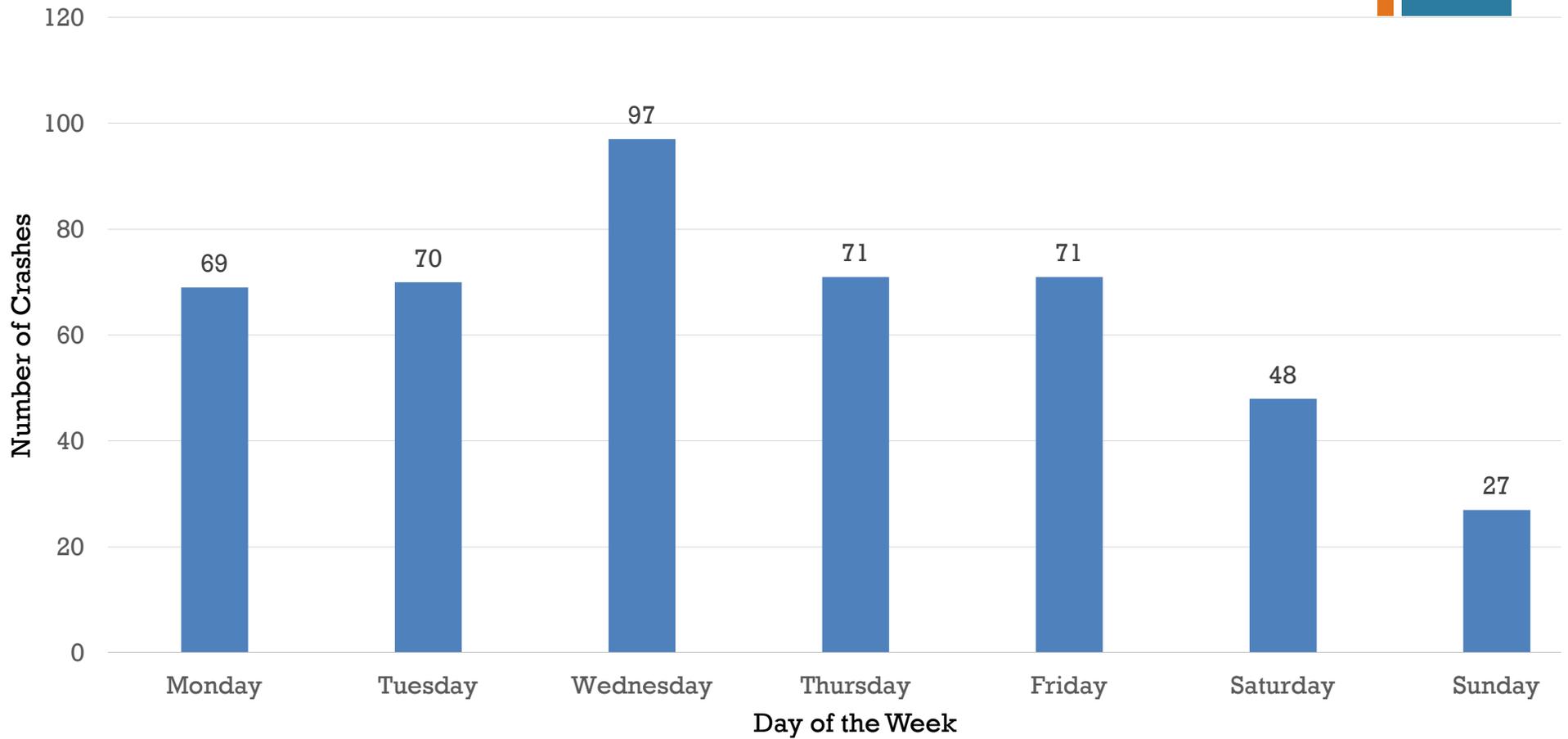
## Pedestrian Crashes by Time of Day





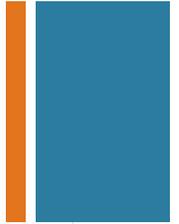
# CRASH DATA ANALYSIS

Pedestrian Crashes by Day of the Week

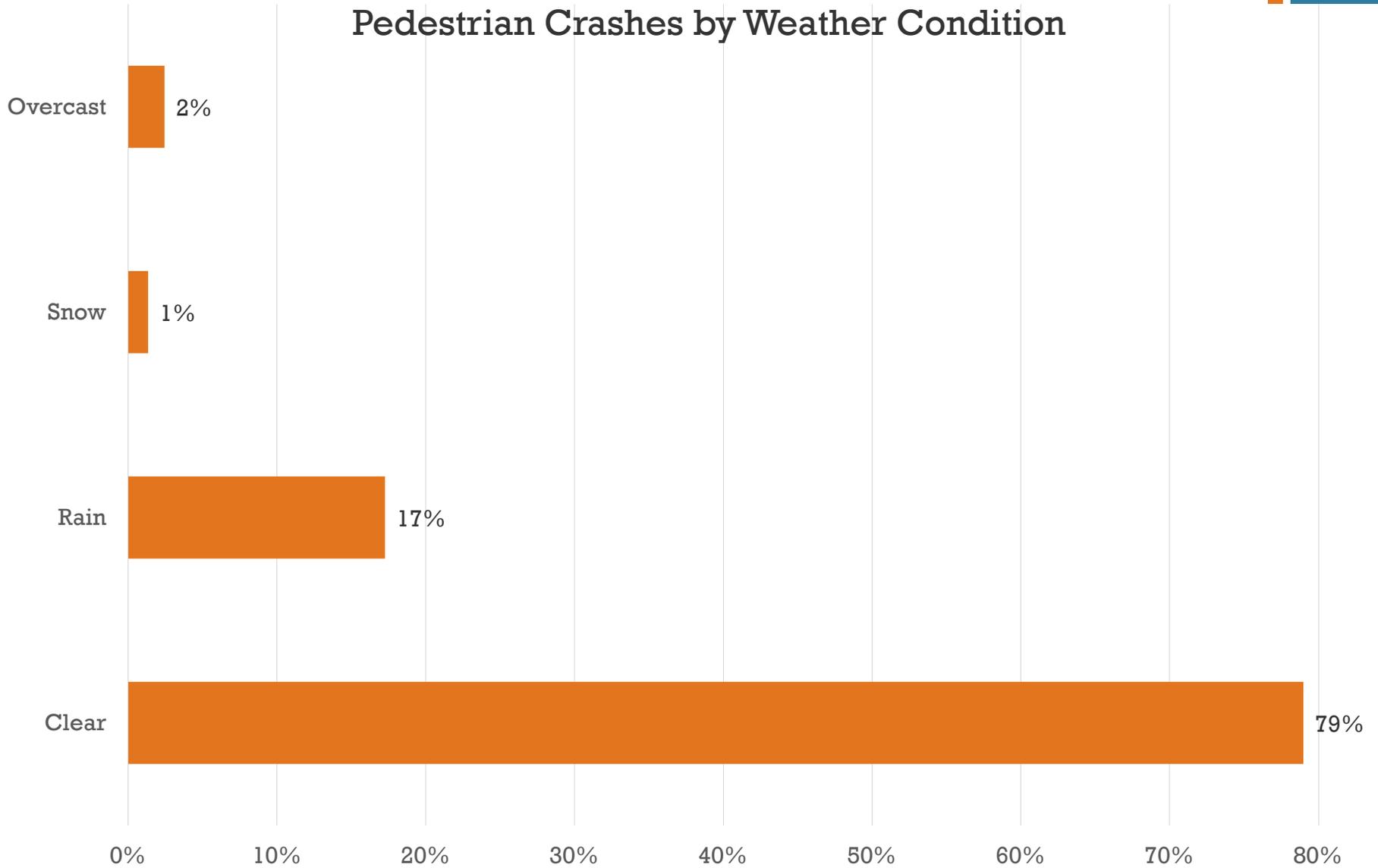




# CRASH DATA ANALYSIS

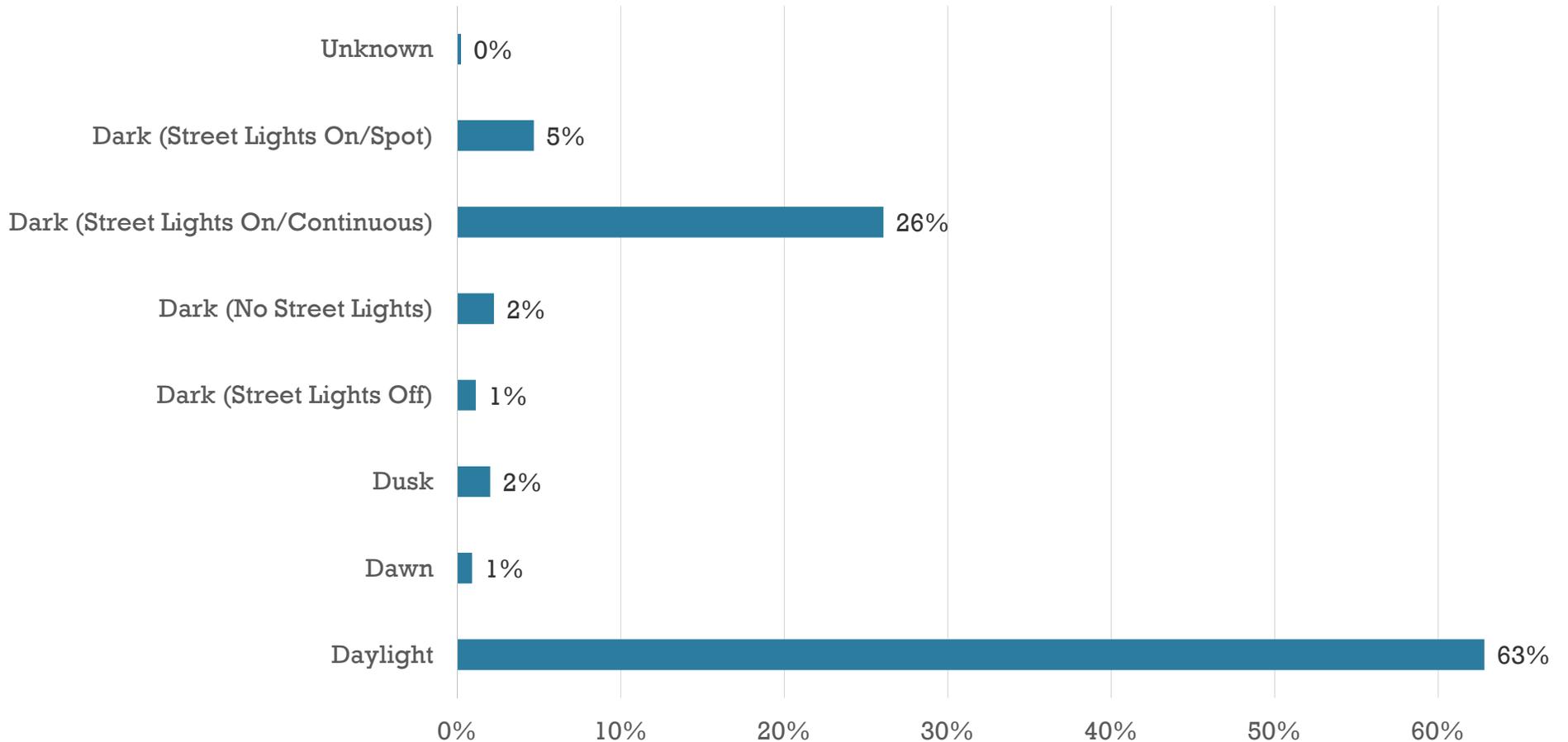


## Pedestrian Crashes by Weather Condition



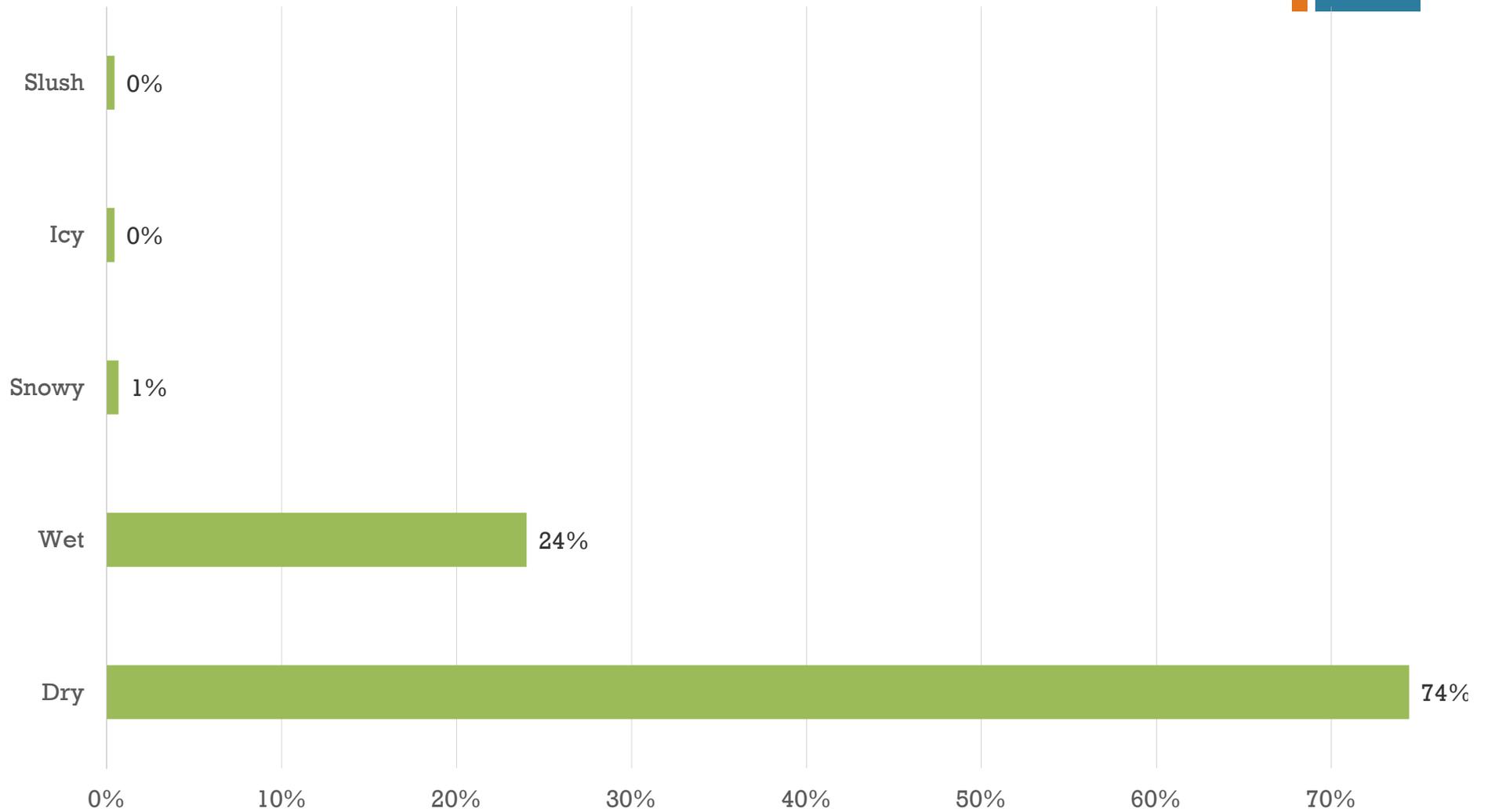
# + CRASH DATA ANALYSIS

## Pedestrian Crashes by Light Condition



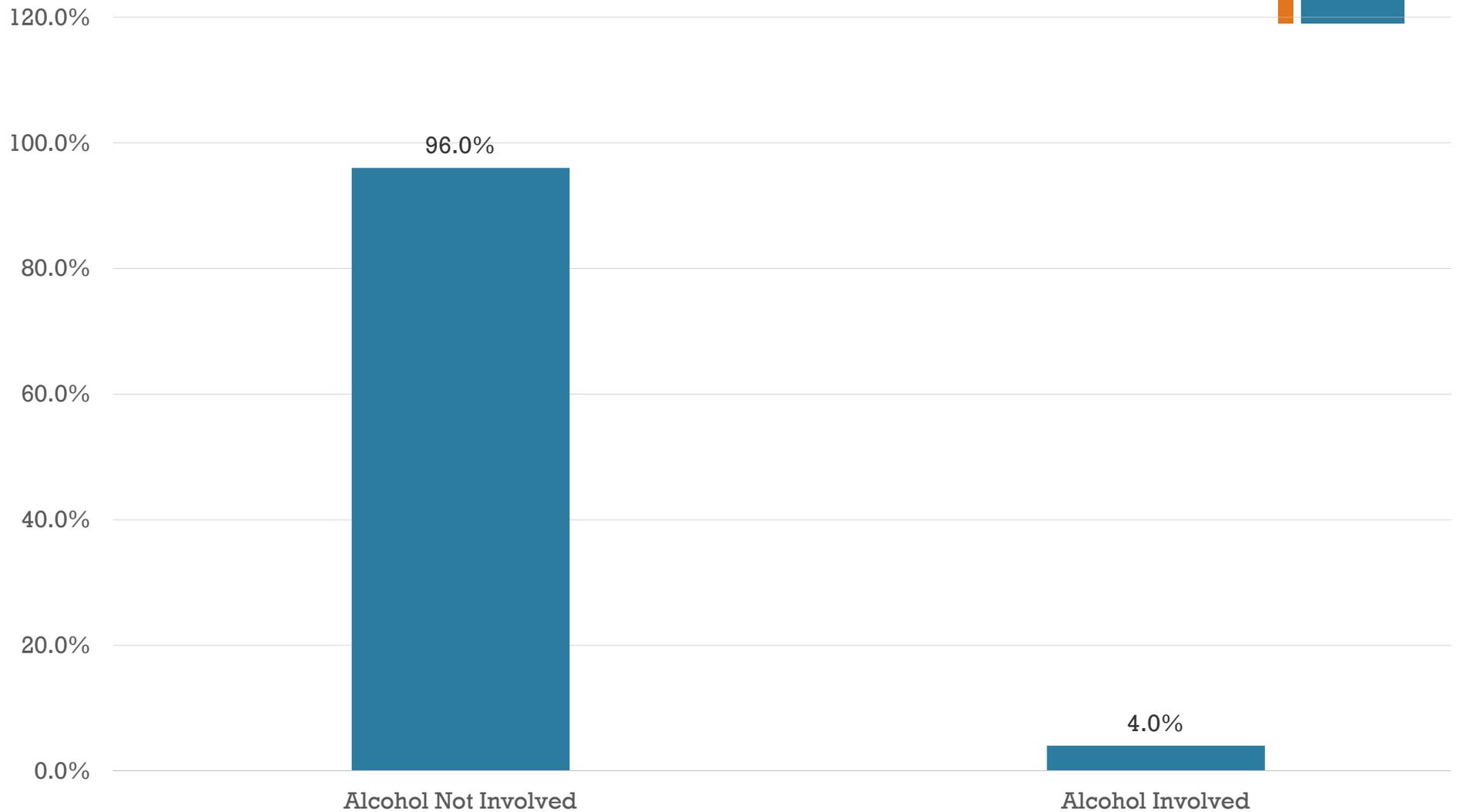
# + CRASH DATA ANALYSIS

## Pedestrian Crashes by Surface Condition



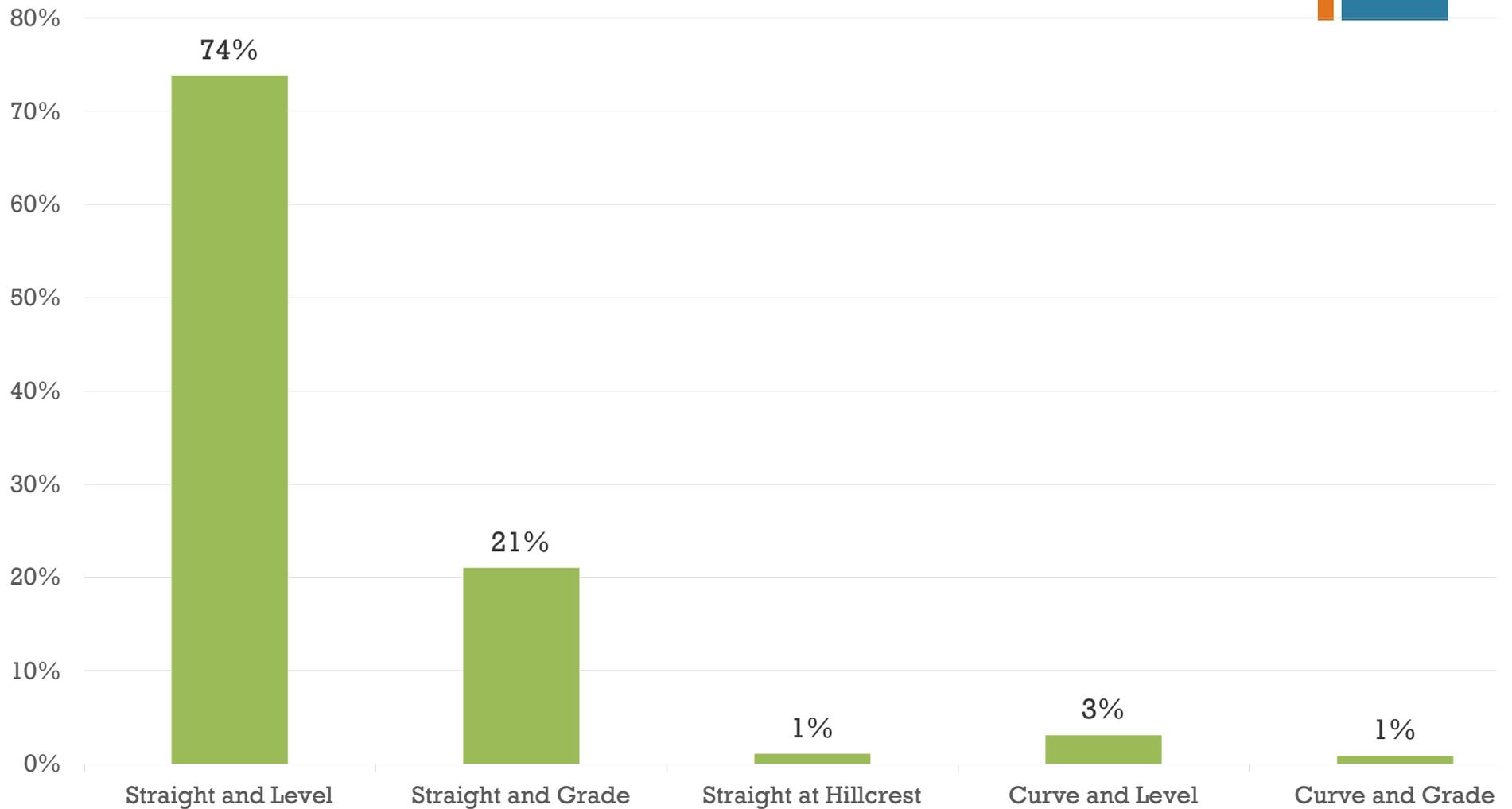
# + CRASH DATA ANALYSIS

Alcohol Involvement in Pedestrian Crashes (either driver or pedestrian)



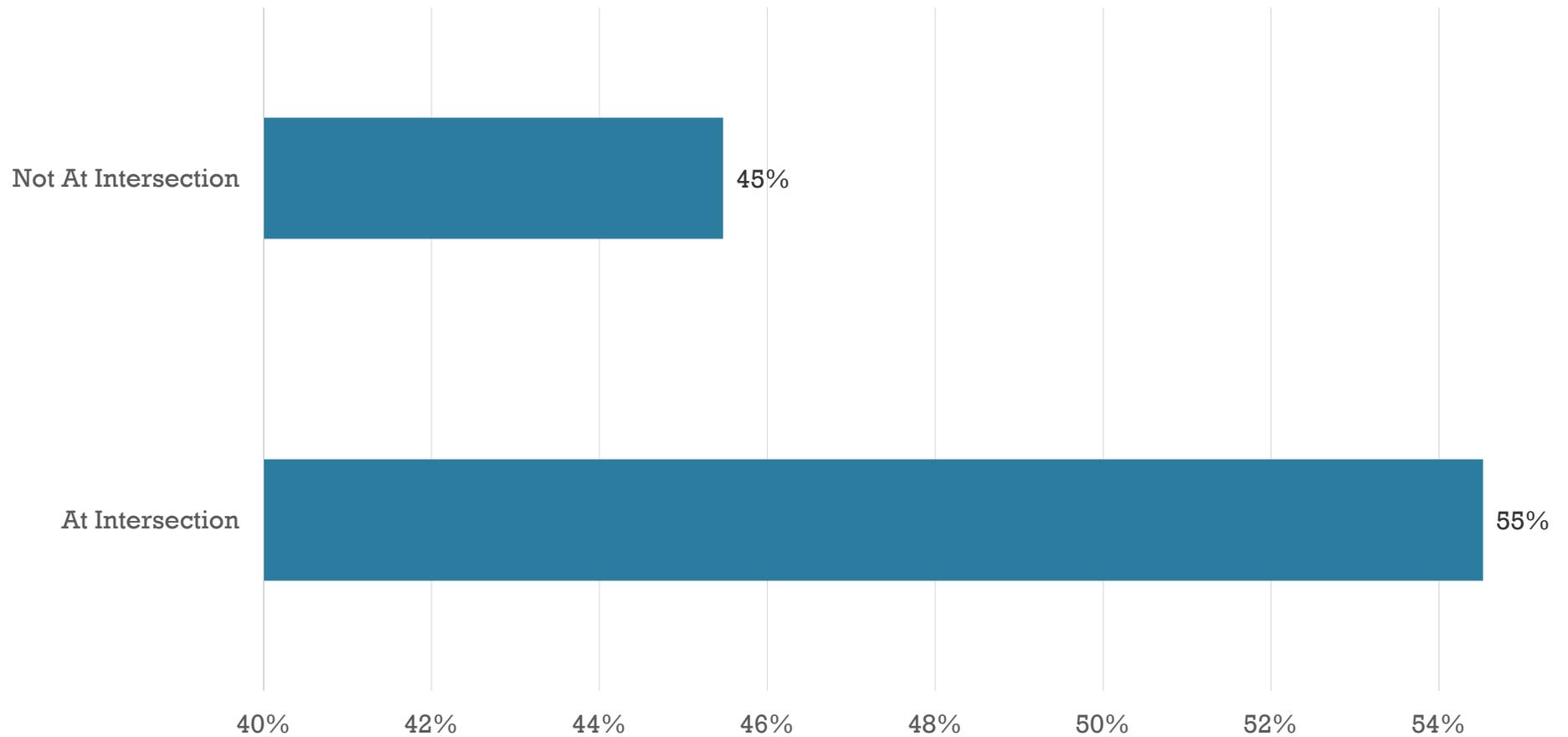
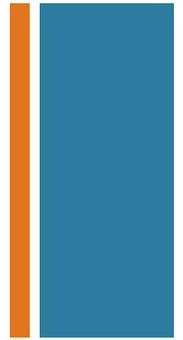
# + CRASH DATA ANALYSIS

## Pedestrian Crashes by Road Type

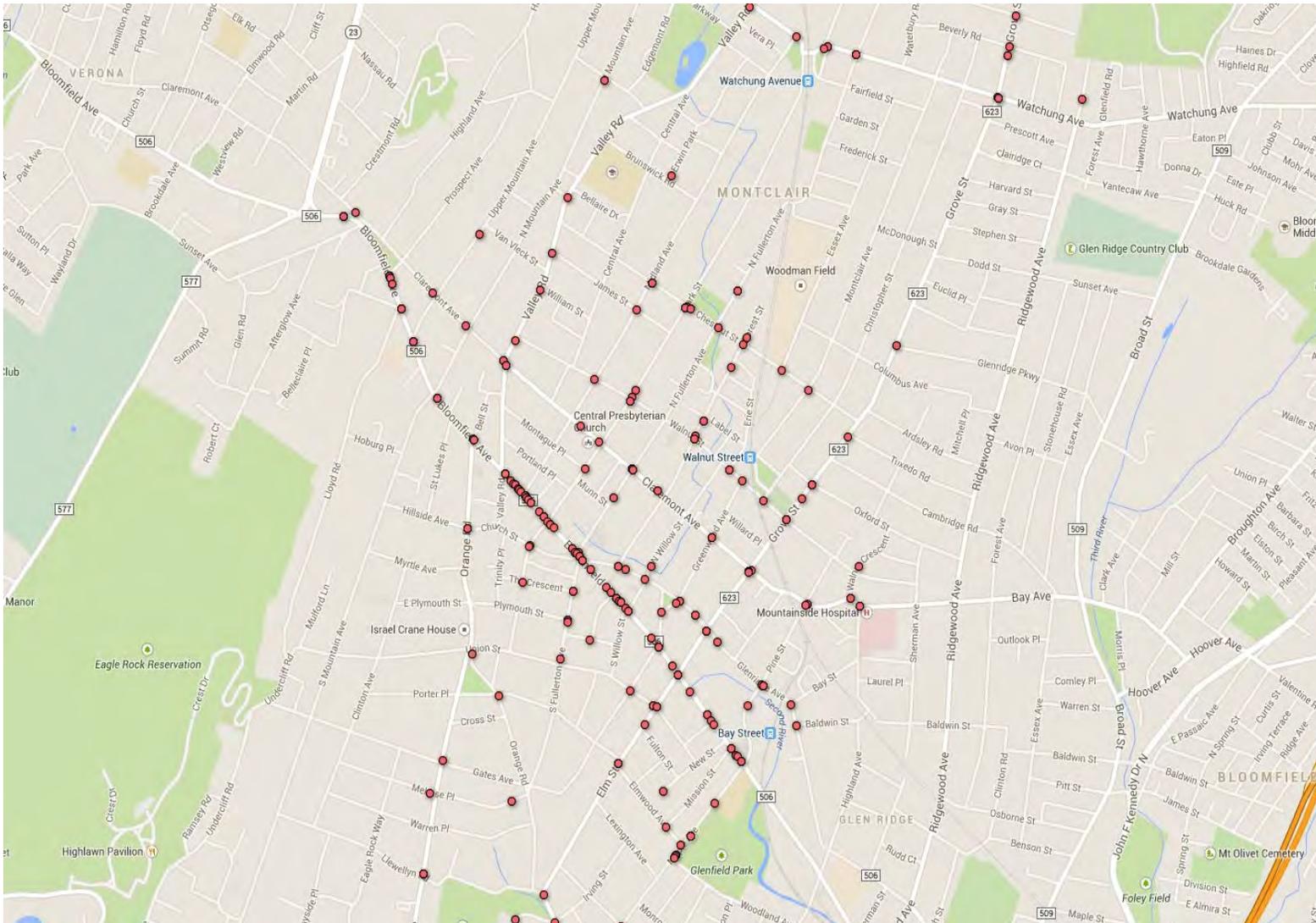


# + CRASH DATA ANALYSIS

## Pedestrian Crashes by Intersection

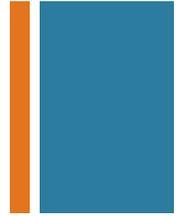


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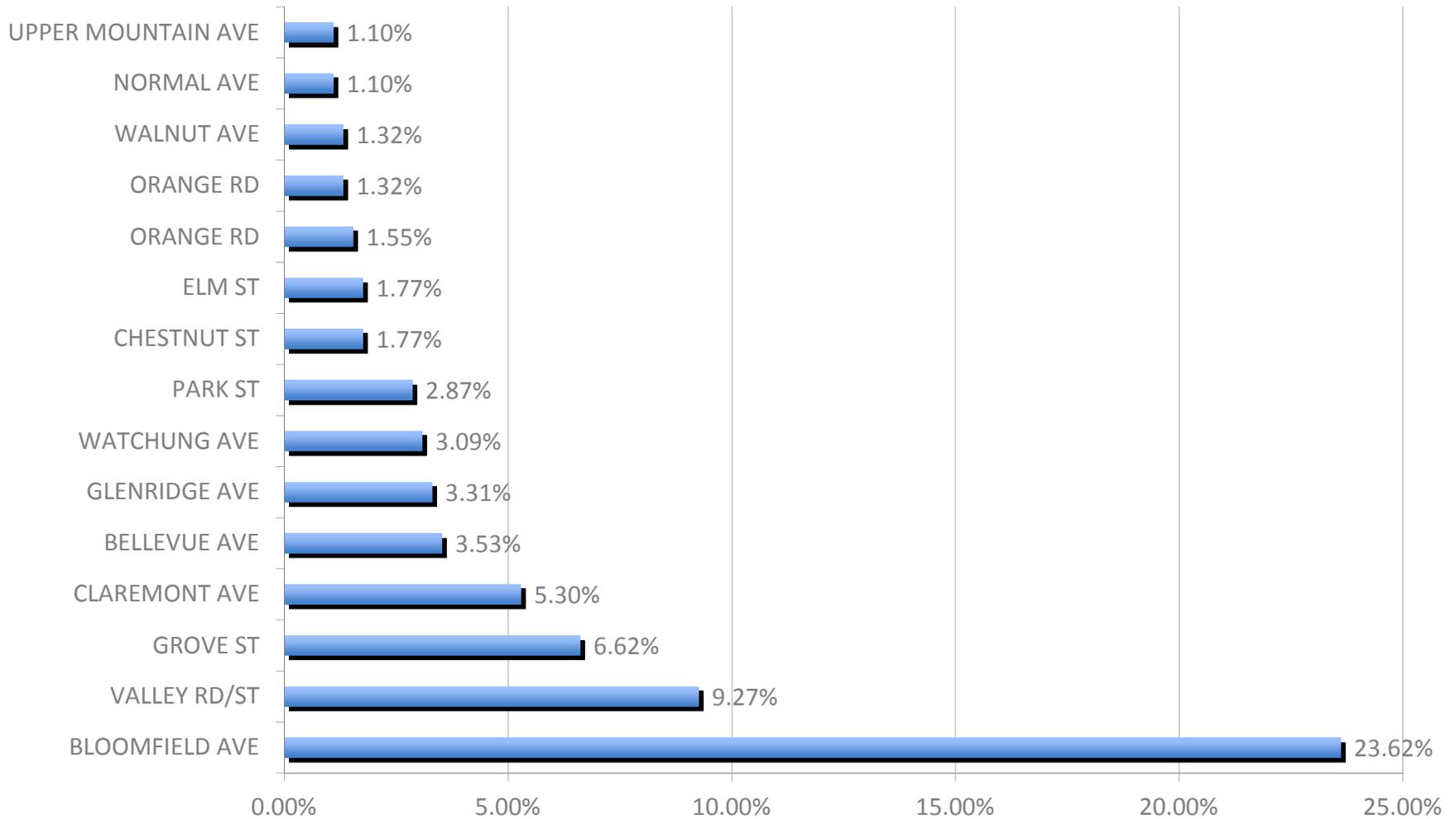




# CRASH DATA ANALYSIS

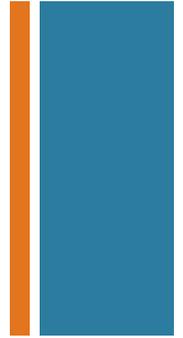


Crashes by Location in Montclair (2003 -2013)





# CRASH DATA SUMMARY



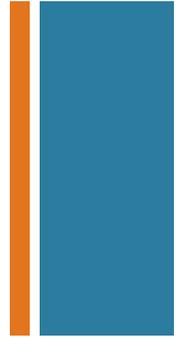
## Between 2003 and 2014:

- On average, 40 pedestrian crashes a year resulting in pedestrian injury
- About 1 pedestrian fatality per year



# CRASH DATA SUMMARY

## NOT THE CONVENTIONAL WISDOM ON PEDESTRIAN CRASHES



- 79% happen in clear, dry weather conditions
- 63% happen during daylight and 25% happen in the dark with street lights on
- 96% don't involve alcohol
- 74% happen on roads that are straight and level
- 55% occur at intersections, while 45% are mid-block

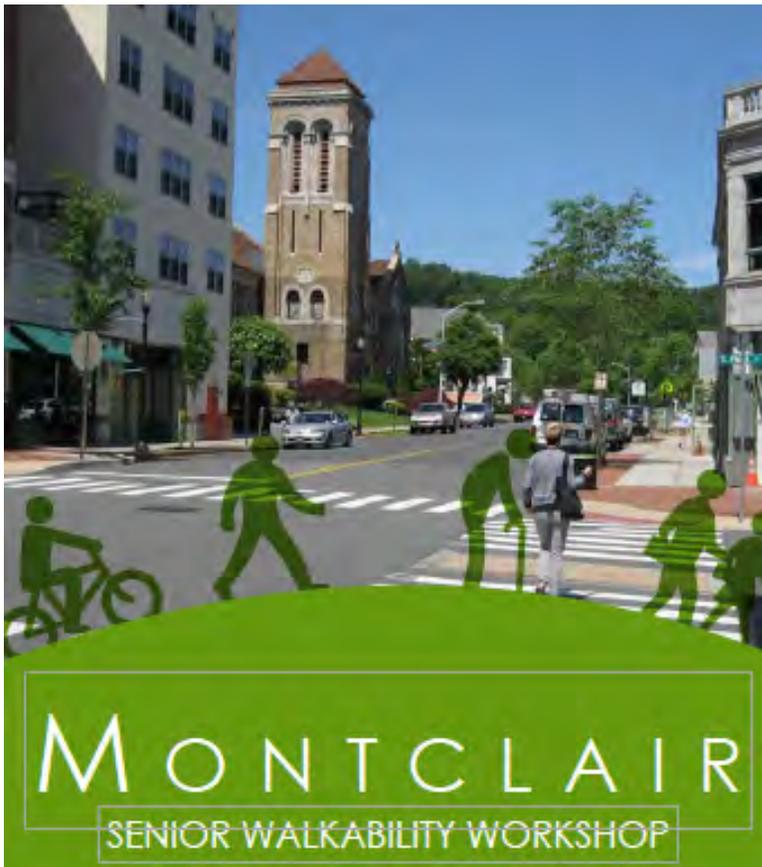
## + New Jersey: Unsafe for Pedestrians

- In 2014, 169 pedestrians were killed by vehicles in New Jersey, a 28% increase over 2013.
- Half the victims were older than 50; 7 were children.
- In 2013, New Jersey had the second highest percentage in the nation of pedestrian deaths out of total road deaths - 24%. In 2014, it was 30%.



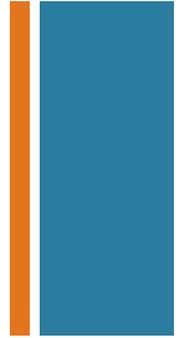
# Studies and Reports

## Building a Case for Grant Funding



- Senior Walkability Workshop
- Bloomfield Avenue Corridor Plan
- Bloomfield Avenue Health Impact Assessment
- Senior Citizen's Advisory Council Survey
- Eat Play Live Better Survey

# + STRATEGIC PLANNING PROCESS



- Pedestrian Safety Committee/Consultant
- October 2014 Public Meeting
- Additional Public Outreach
- Consultant feedback
- Action Plan
- January 2015 Public Meeting



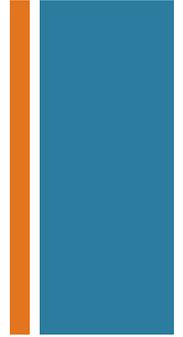
# Action Item #1

## Police Department Resources



Arnold (Andy) Anderson

Coordinator, Essex County College Police  
Academy Community Traffic Safety Program



## Impact of the Economic Downturn on American Police Agencies



# Action Item #2

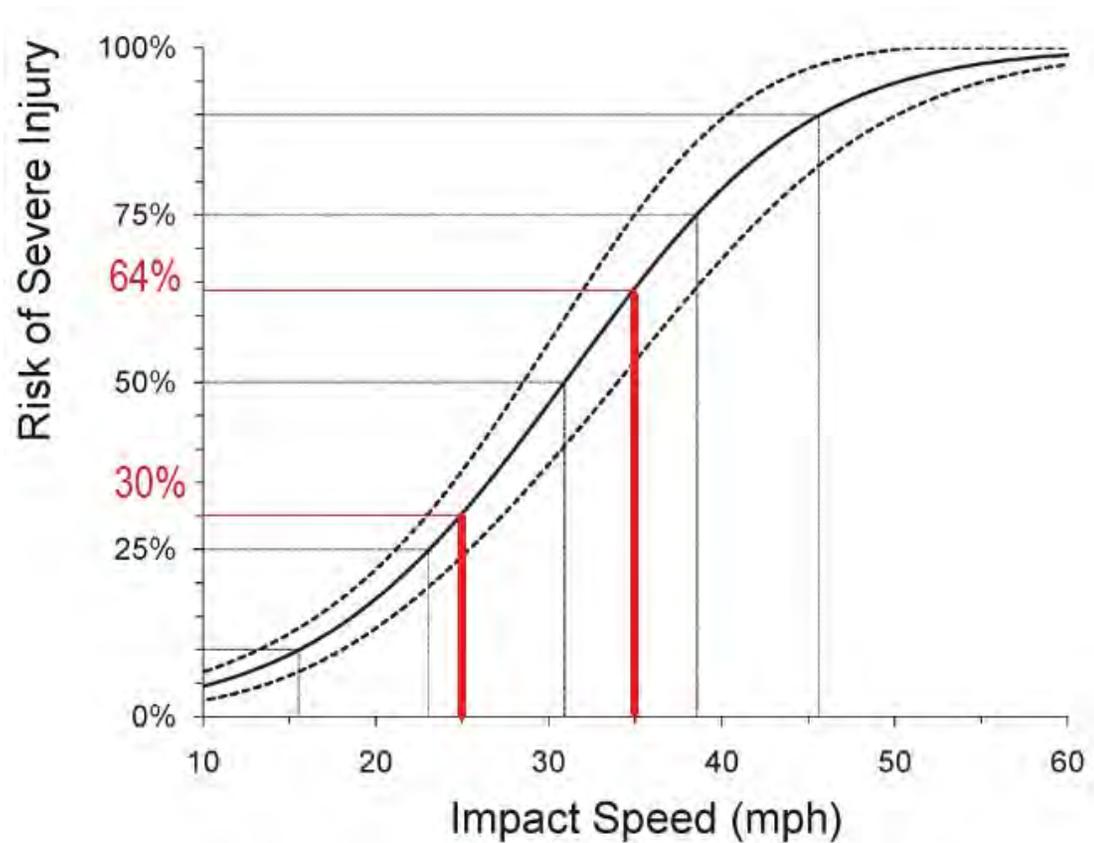
## Speed Limit Re-evaluation



Kim Craft, P.E.  
Montclair Township Engineer

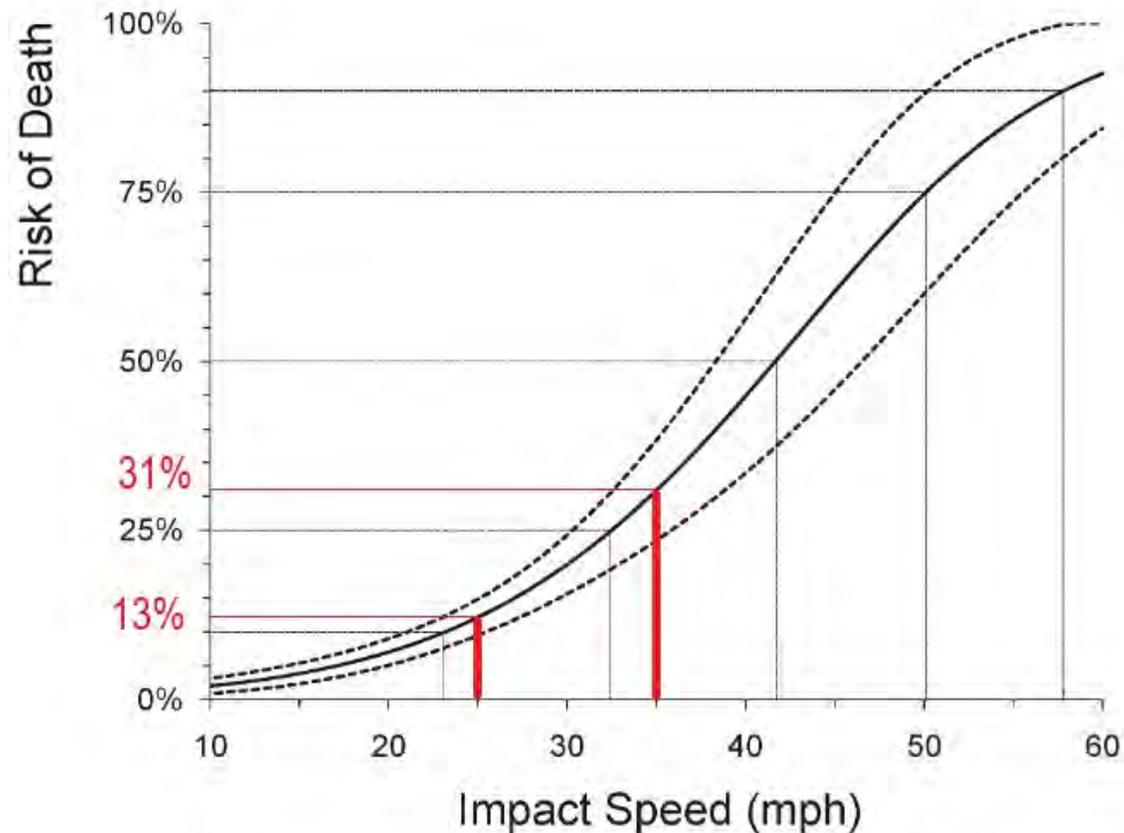


# Lowering Speed Limits



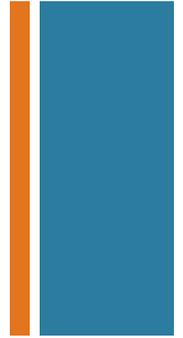
Source: Impact Speed and a Pedestrian's Risk of Severe Injury or Death, September 2011, AAA Foundation for Traffic Safety, Washington, D.C.

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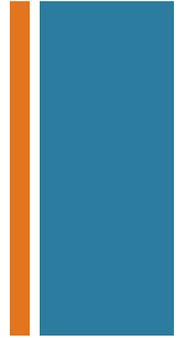
## + Lowering Speed Limits



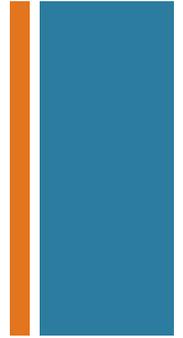
- What will it take? N.J.S.A. 39:4-98
  - Engineering studies (\$)
  - Supporting ordinance by Township Council
  - Supporting resolution by Essex County (for County roads only)

# + Lowering Speed Limits

- Studies to consider:
  - Traffic counts, crash and speed data
  - Residential density
  - Business/commercial access
  - Children walking to school
  - Adjacent land use



## + Lowering Speed Limits



- Timeframe: 6 months to 1 year
- Cost: \$3,000-5,000



# Action Item #3

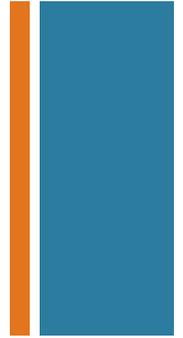
## Right Turn on Red Re-evaluation



Sgt. Stephanie Egnazzo  
Montclair Police Department Traffic Bureau



# No Turn on Red Re-evaluation



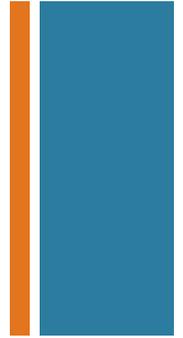
## Understanding the Right on Red law:

Under 39:4-115b of Title 39 Motor Vehicle laws, the law states:

“The driver of a vehicle intending to turn right at an intersection where traffic is controlled by a traffic control signal *shall*, unless an official sign of the State, municipality or county authority having jurisdiction over the intersection prohibits the same, proceed to make the turn upon a “stop” or “caution” signal with proper care to avoid accidents after coming to a full stop, observing traffic in all directions, yielding to other vehicular traffic traveling in a direction in which the turn will be made, *and stopping and remaining stopped for pedestrians crossing the roadway within a marked crosswalk, or at an unmarked crosswalk, into which the driver is turning.*”



## No Turn on Red Re-evaluation



- Restricting turning movements at intersections:
  - Improves pedestrian safety
  - Makes it safer for children to cross near schools
  - Reduces the likelihood of pedestrian crashes

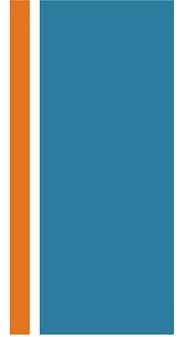


## No Turn on Red Re-evaluation

# PLAN OF ACTION

- MPD to Conduct No Turn on Red Audit at all signalized intersections
- Determine if signs are missing and repost
- Determine the need for additional signs/ordinances
- Make new or amended recommendations

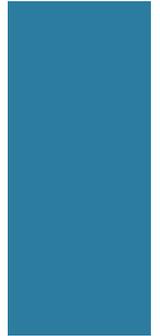
# + Intersection Analysis



- Considerations:
  - Crash Data
  - Pedestrian volume
  - Age of pedestrians
  - Traffic volume
  - Proximity to schools and parks



## No Turn on Red Re-Evaluation



### Task:

- Sign Audit
- Prepare report for additional signs or amendments to current signs
- Draft/amend and pass ordinances

### Time Frame:

- 1 - 2 weeks
- 1 - 2 weeks
- 2 - 3 months



# Action Item #4

## Pedestrian Phase- Valley Road Intersections

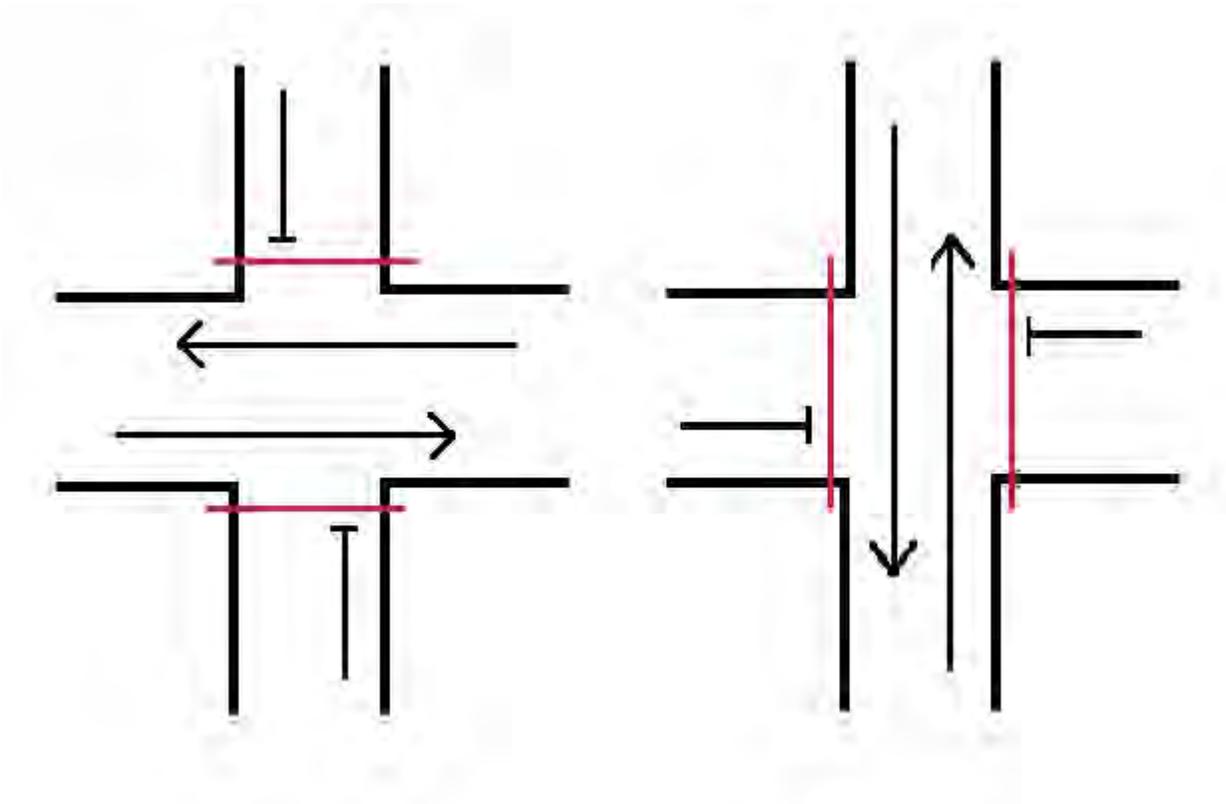


Kim Craft, P.E.  
Montclair Township Engineer

# + Pedestrian-Only Phase (Barnes Dance)

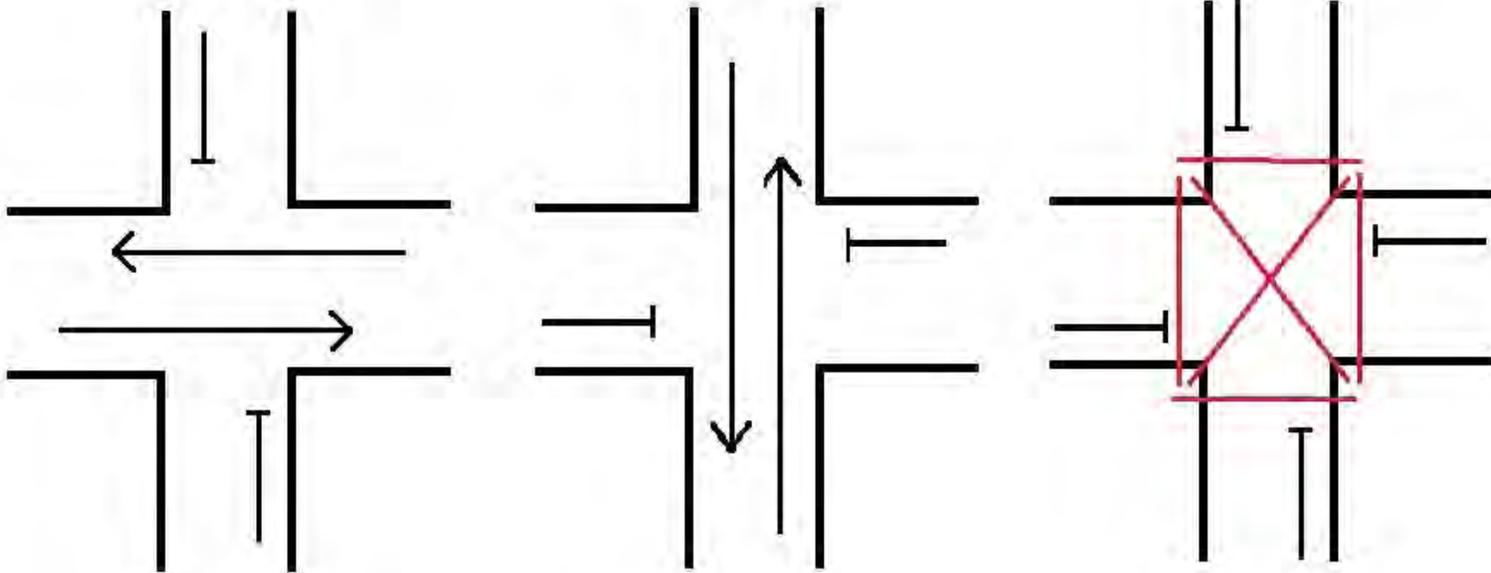
## ■ Typical two phase signal

- Pedestrians conflict with turning vehicles
- Vehicle delay with heavy pedestrian movements



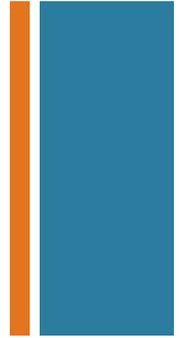
# + Pedestrian-Only Phase (Barnes Dance)

- Add exclusive pedestrian phase
  - Pedestrians wait longer to cross
  - Vehicle delay may be increased

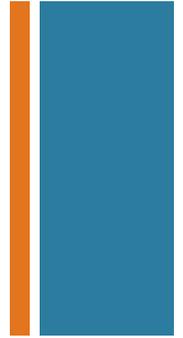


## + Pedestrian-Only Phase (Barnes Dance)

- What will it take?
- Engineering studies to estimate impact and develop timing plan if approved (\$)
  - Add proper ADA ramps and roadway striping (\$)
  - Supporting ordinance by Township Council
  - Supporting resolution by Essex County (for County roads only)



## + Pedestrian-Only Phase (Barnes Dance)



- Timeframe: 6 months to 1 year
- Cost: \$5,000-8,000



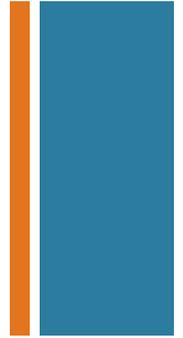
# Action Item #5 Monthly Updates



Alex Kent  
Coordinator, “Drive with Care in Montclair”



## Action Item #5

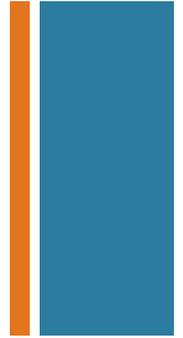


### Monthly Updates

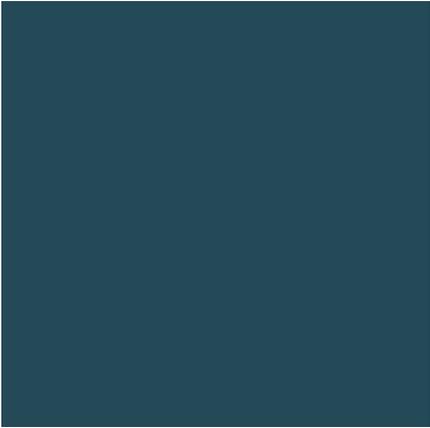
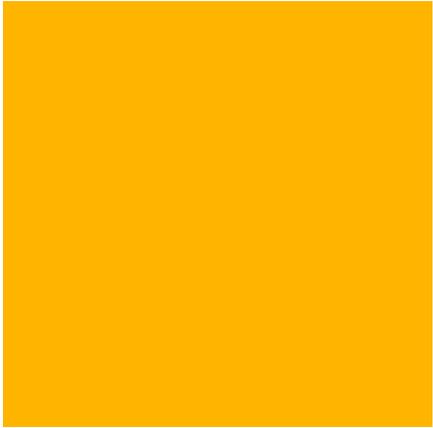
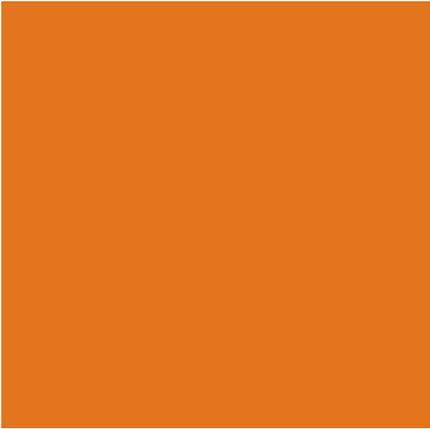
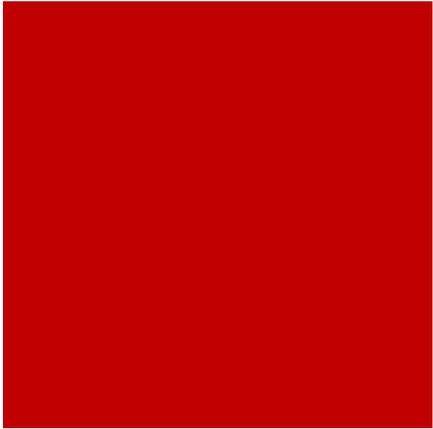
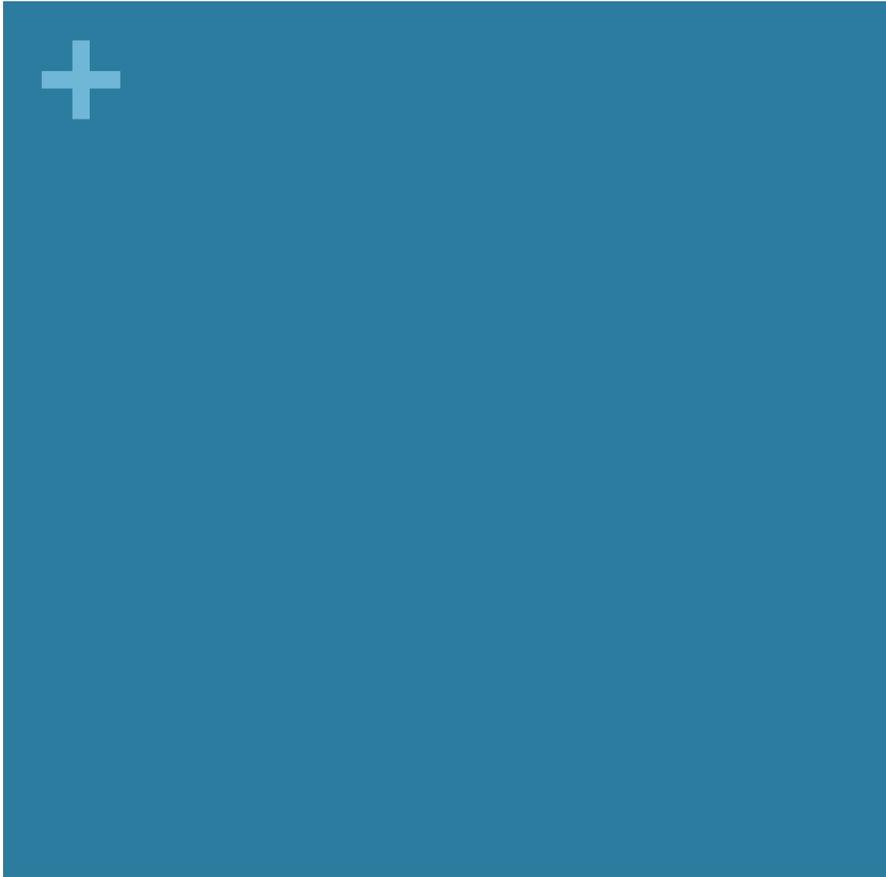
- Monthly Pedestrian Accident Data
- Updates on progress with Action Items
- Share this information via e-mail, social media, and Montclair Times, on a monthly basis



# Budget and Ordinances



- SPEED LIMIT REDUCTIONS  
\$3,000 - \$5,000    6 months – 1 year  
Engineering studies
- PEDESTRIAN PHASE LIGHTING  
\$5,000 - \$8,000    6 months - 1 year    ADA  
ramps, roadway striping, engineering studies
- Township ordinances for speed limits,  
pedestrian phase lighting, No Right on Red  
changes
- County resolutions



**THANK YOU!**

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