

Road Safety Assessment

The Dalles – California Highway (US 97)

(M.P. 124.40 – 133.39)

Project Kick-off Meeting

December 5, 2014
Bend, Oregon



Presentation Outline



- Introductions
- Project Scope, Schedule, Budget
- Project Objectives
- Review of Crash Data
- Field Review Planning



Project Schedule

Timeline for The Dalles-California Highway (US 97) Safety Assessment

Task	Nov 2014 24	Dec 2014 08	Dec 2014 22	Jan 2015 05	Jan 2015 19	Feb 2015 02	Feb 2015 16	Mar 2015 02	Mar 2015 16	Mar 2015 30
1 Project Management and Outreach	Kick-off Mtg			PMT #1		PMT #2			PMT #3	
2 Crash Diagnosis										
3 Countermeasure Evaluation										
4 Plan Outcomes and Report								Findings Mtg		

 Time for Kittelson & Associates to perform services
 Meetings with Client

- Field Reviews: December 18-19
- PMT Meeting #1: January 5-9

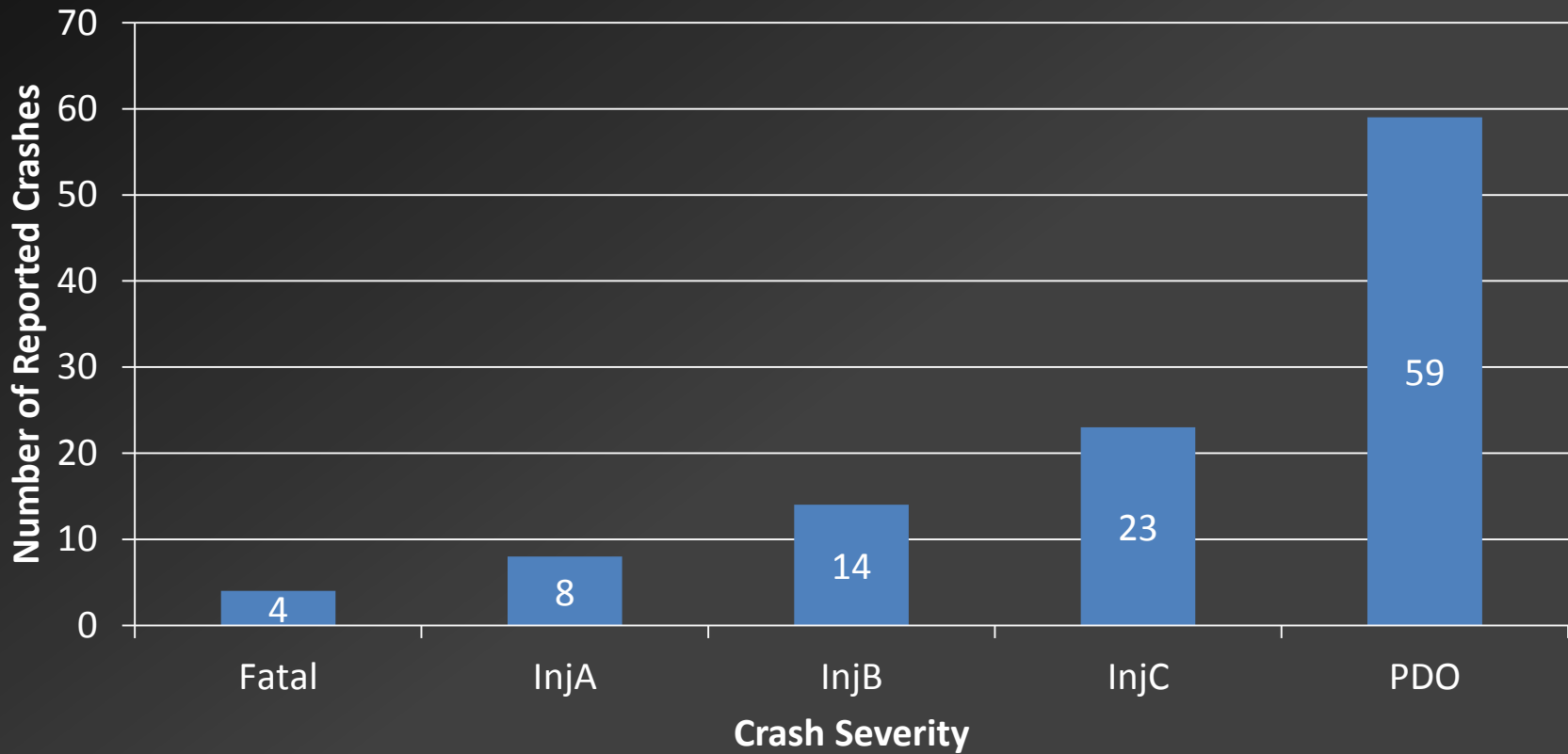
Project Objectives

- Diagnose reported crashes
- Identify countermeasures and evaluate alternatives
- Prioritize alternatives
- Develop conceptual design sketches for preferred alternative

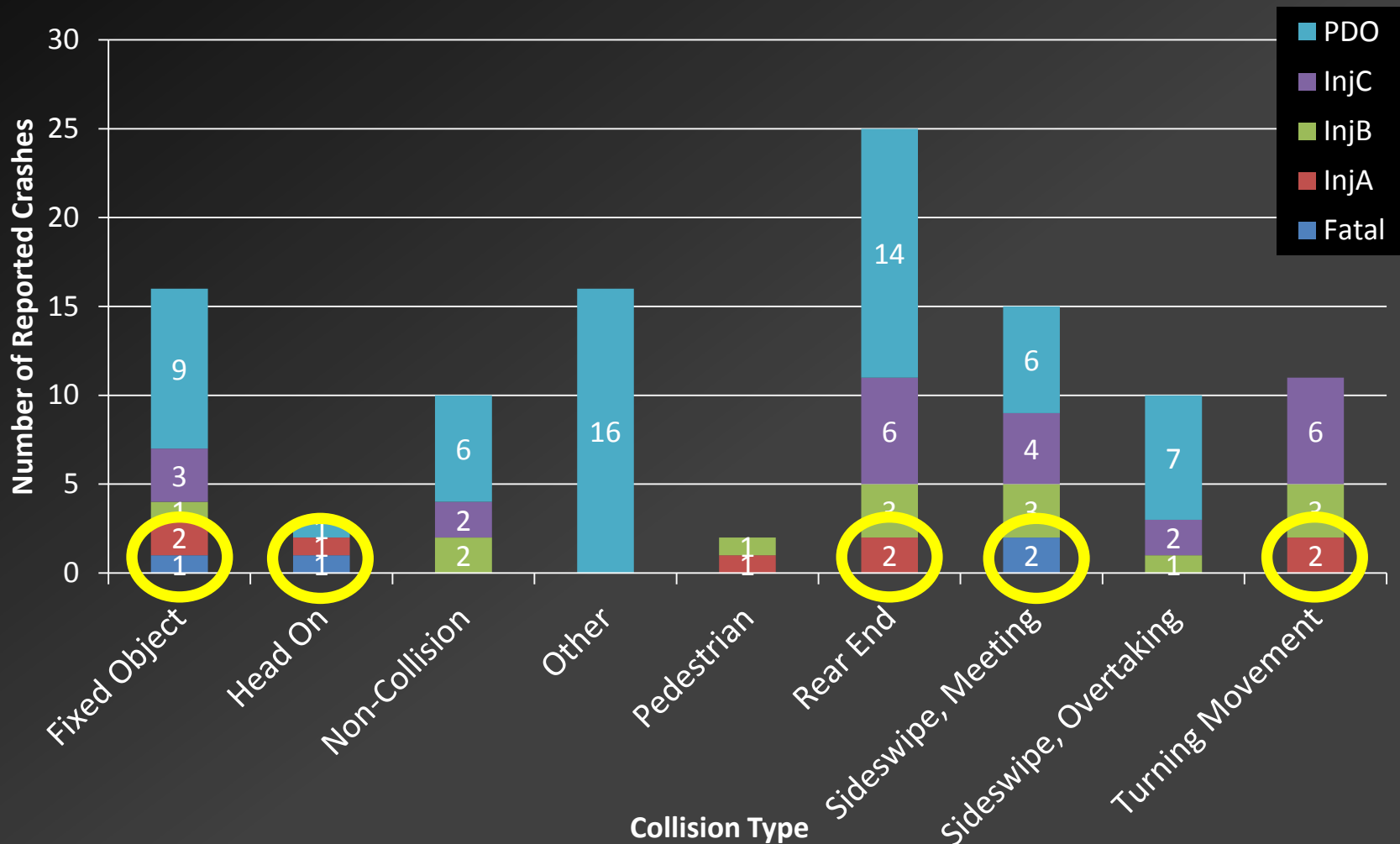
Crash Data Trends: Corridor Wide

- **Crash Data**
 - January 2009 through December 2013
- **Trends Summary**
 - *Severity*
 - *Year*
 - *Month*
 - *Day of Week*
 - *Time of Day*
 - *Crash Cause*
 - *Collision Type*
 - *Location*

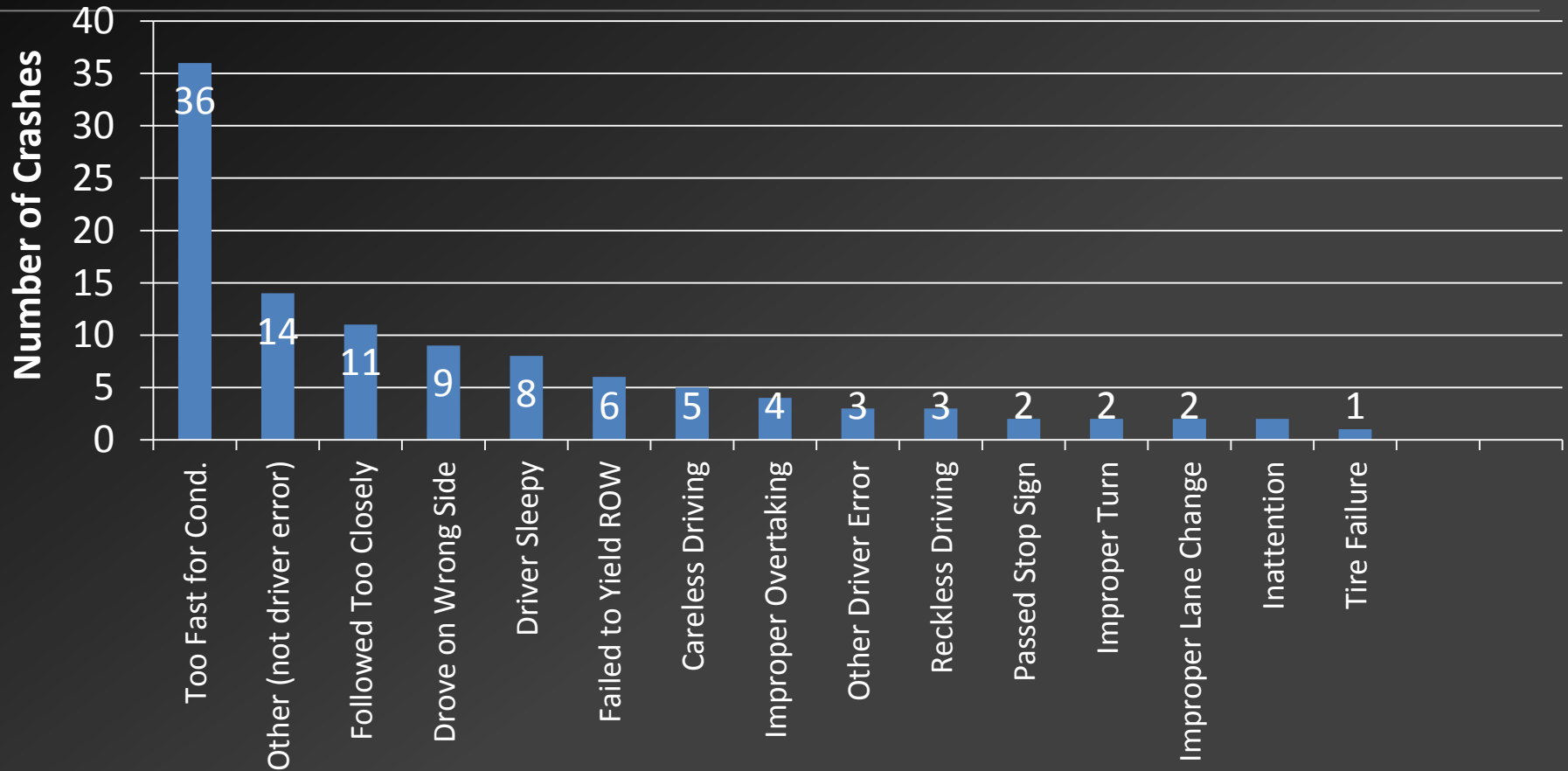
Crash Frequency: Severity



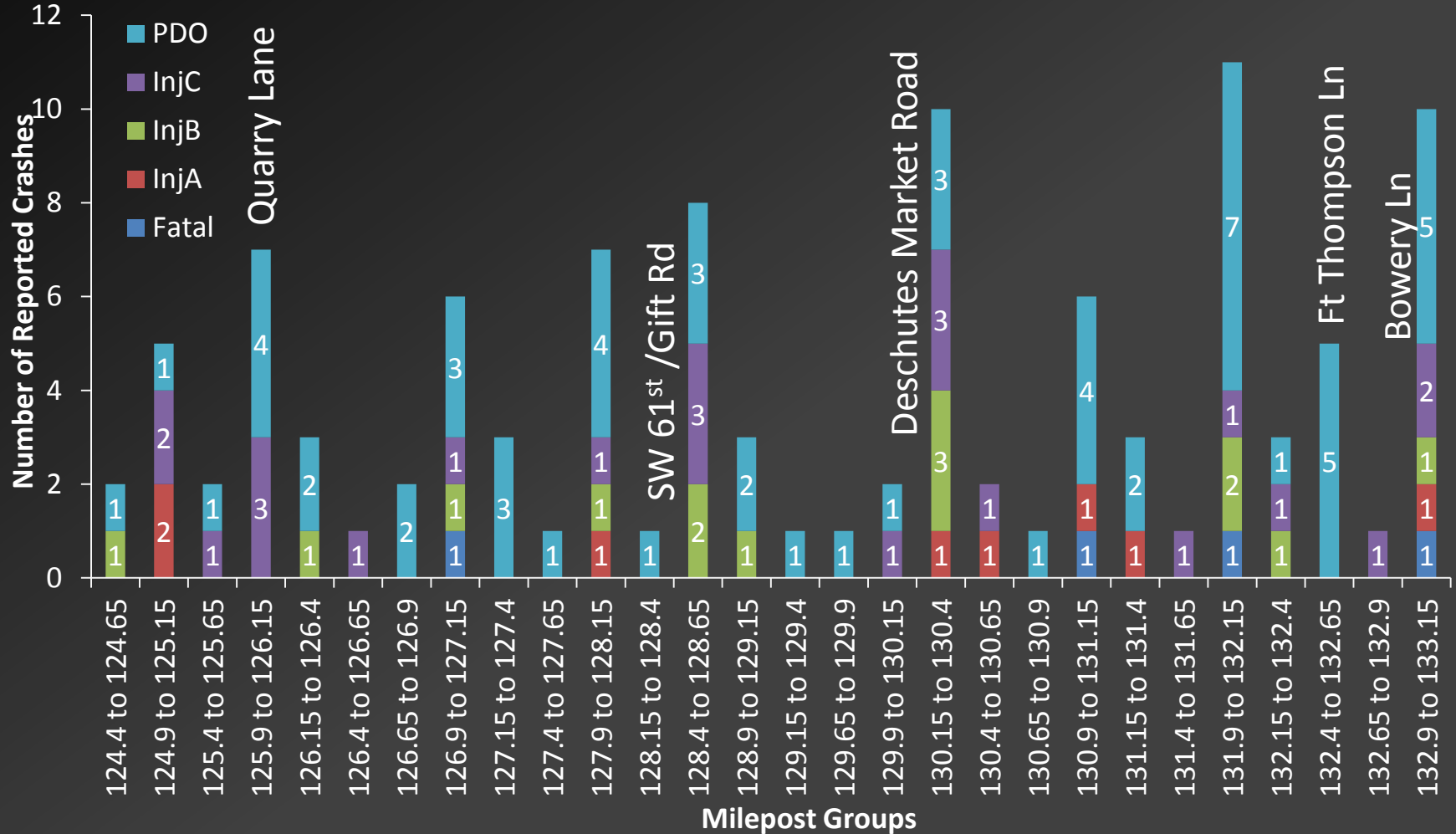
Crash Frequency: Collision Type



Crash Frequency: Crash Cause

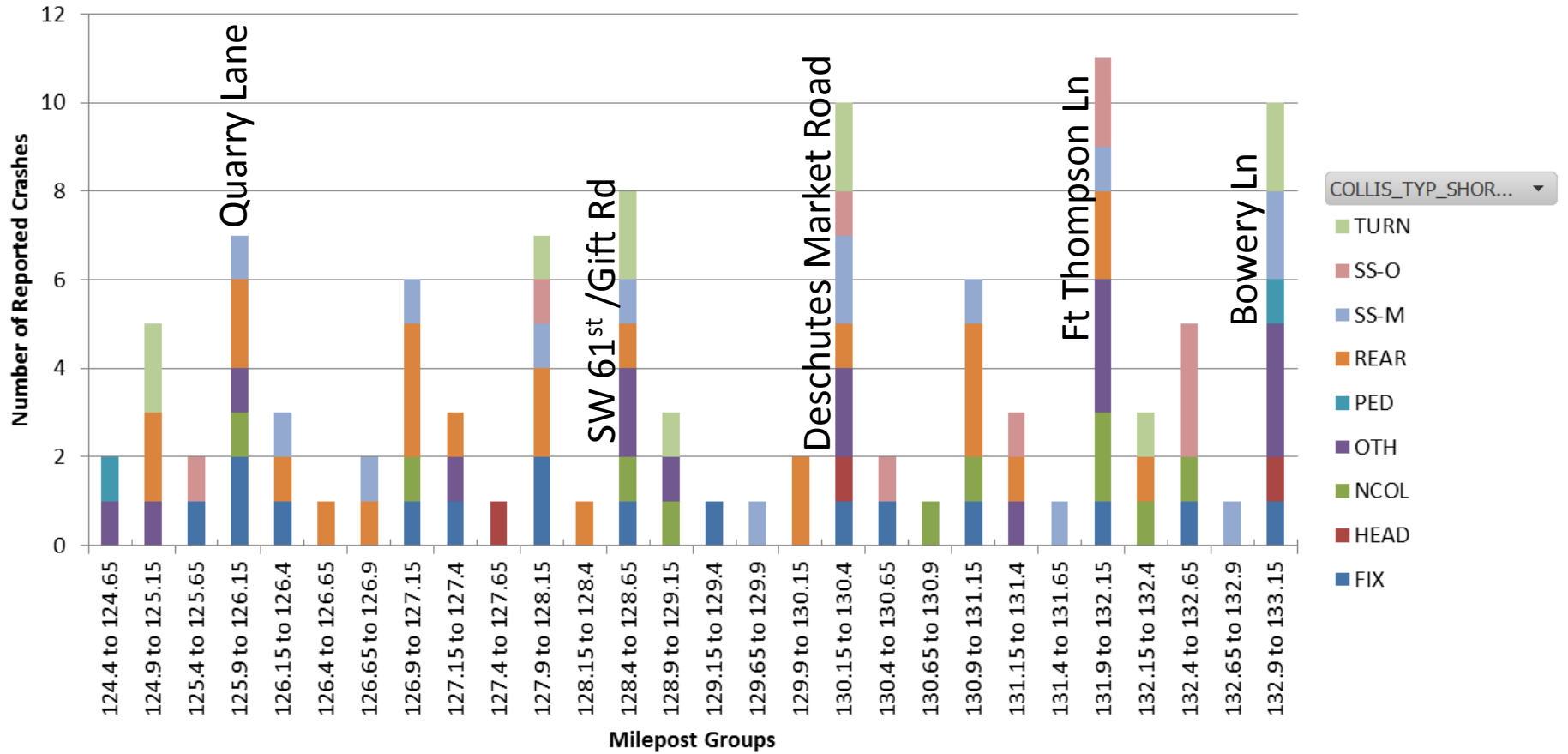


Crash Severity by Milepost



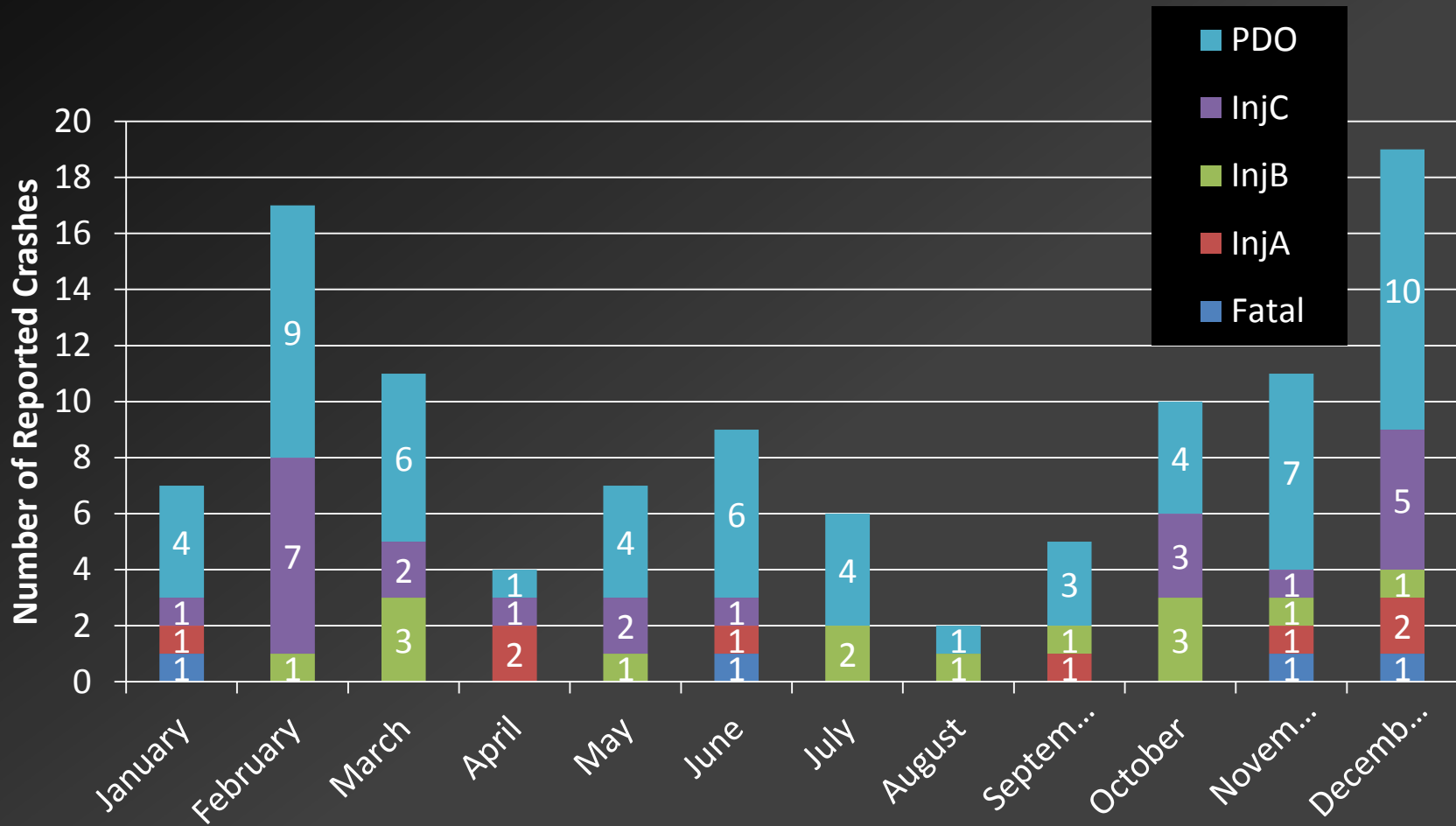
Collision Type by Milepost

Count of CRAS...

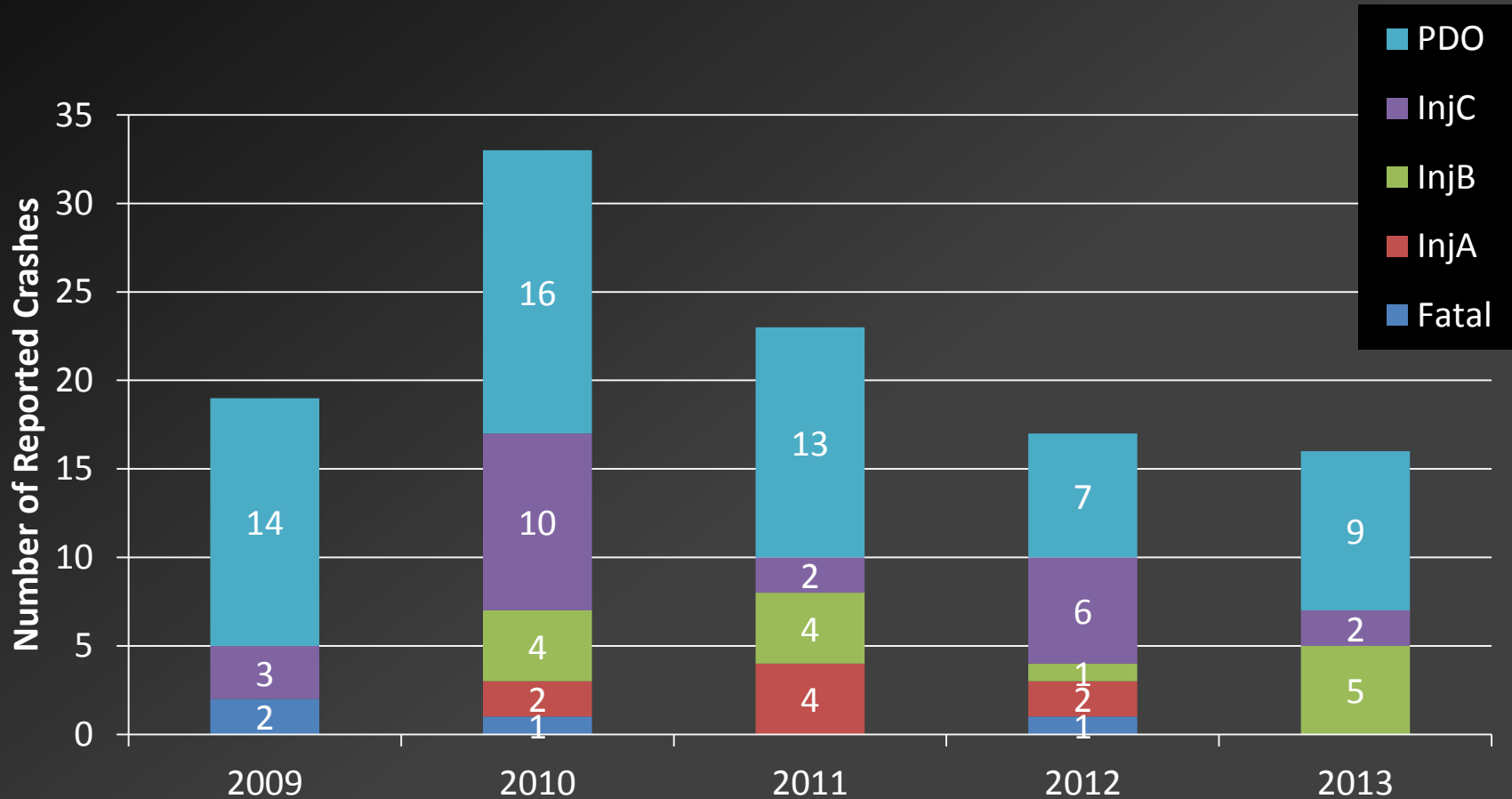


MP G...

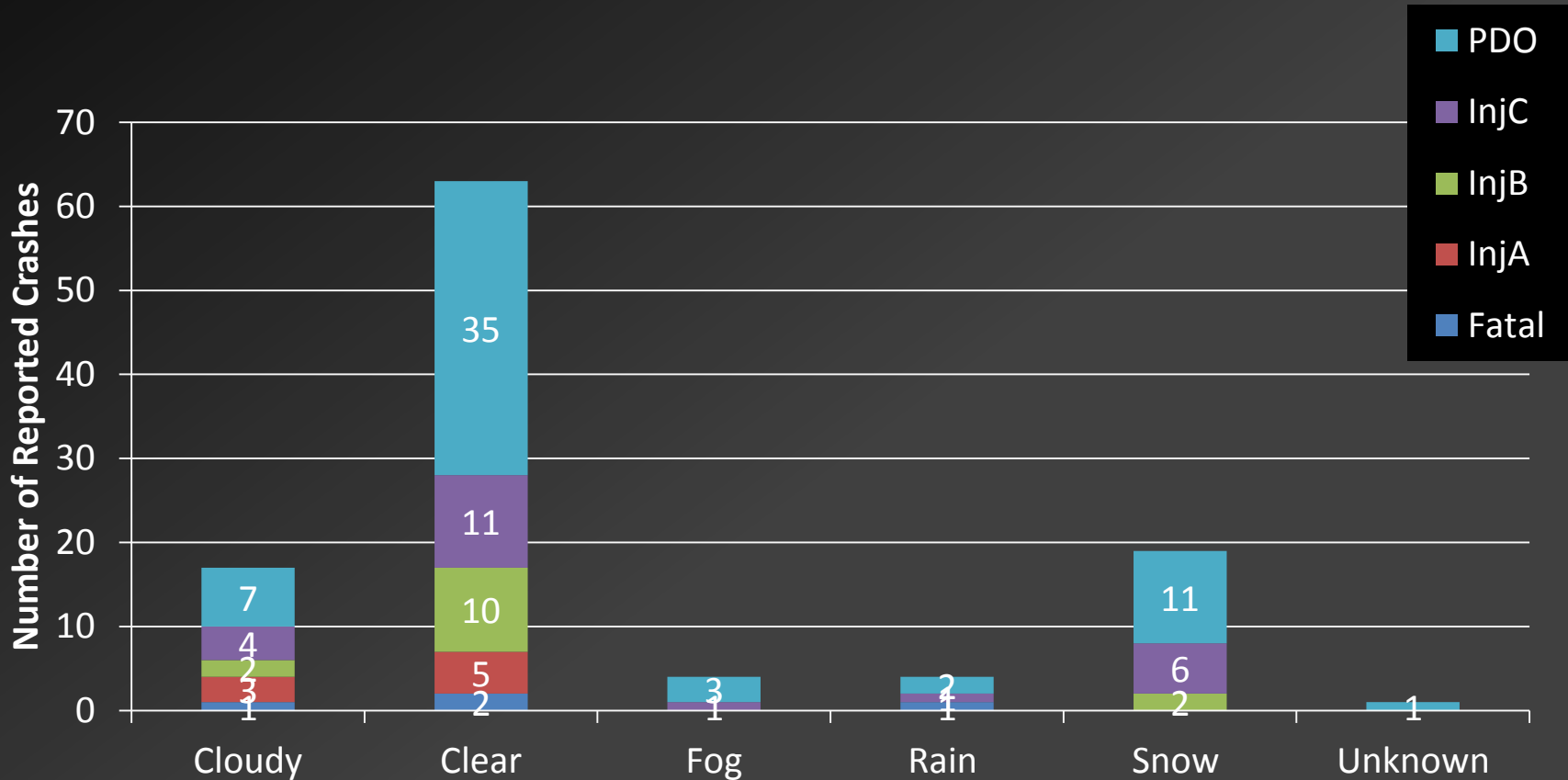
Crash Frequency: Month



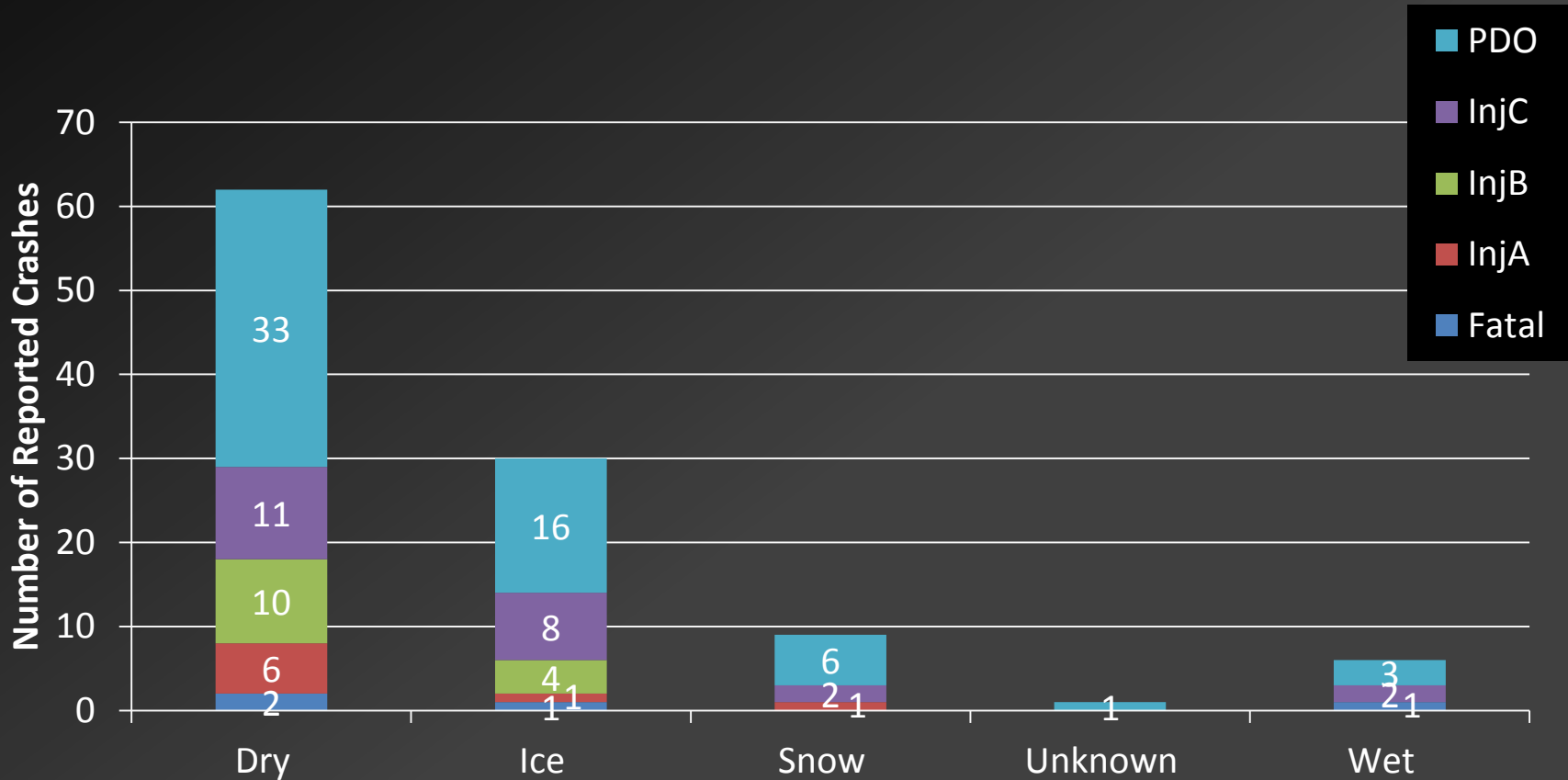
Crash Frequency by Year



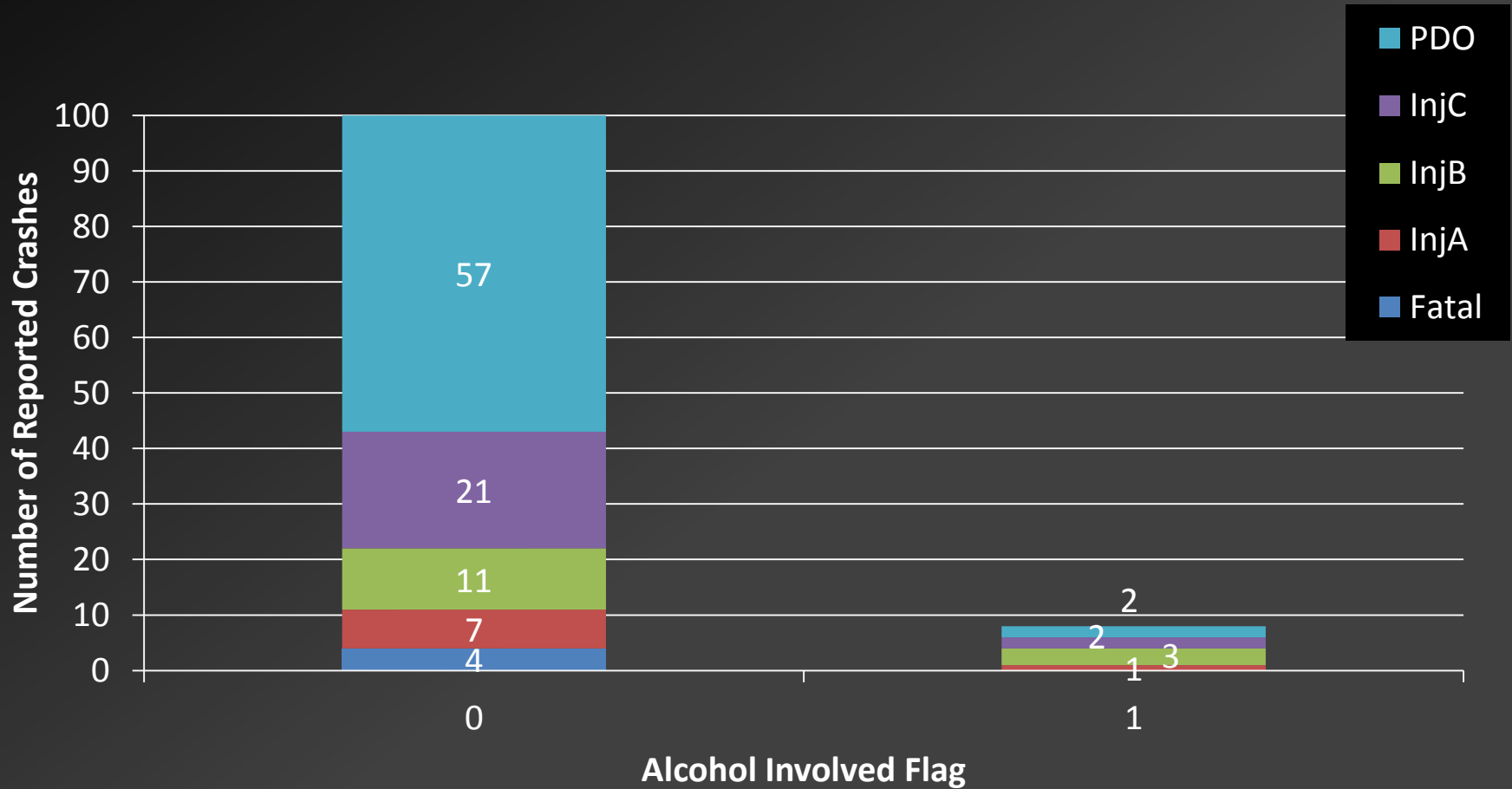
Crash Frequency: Weather



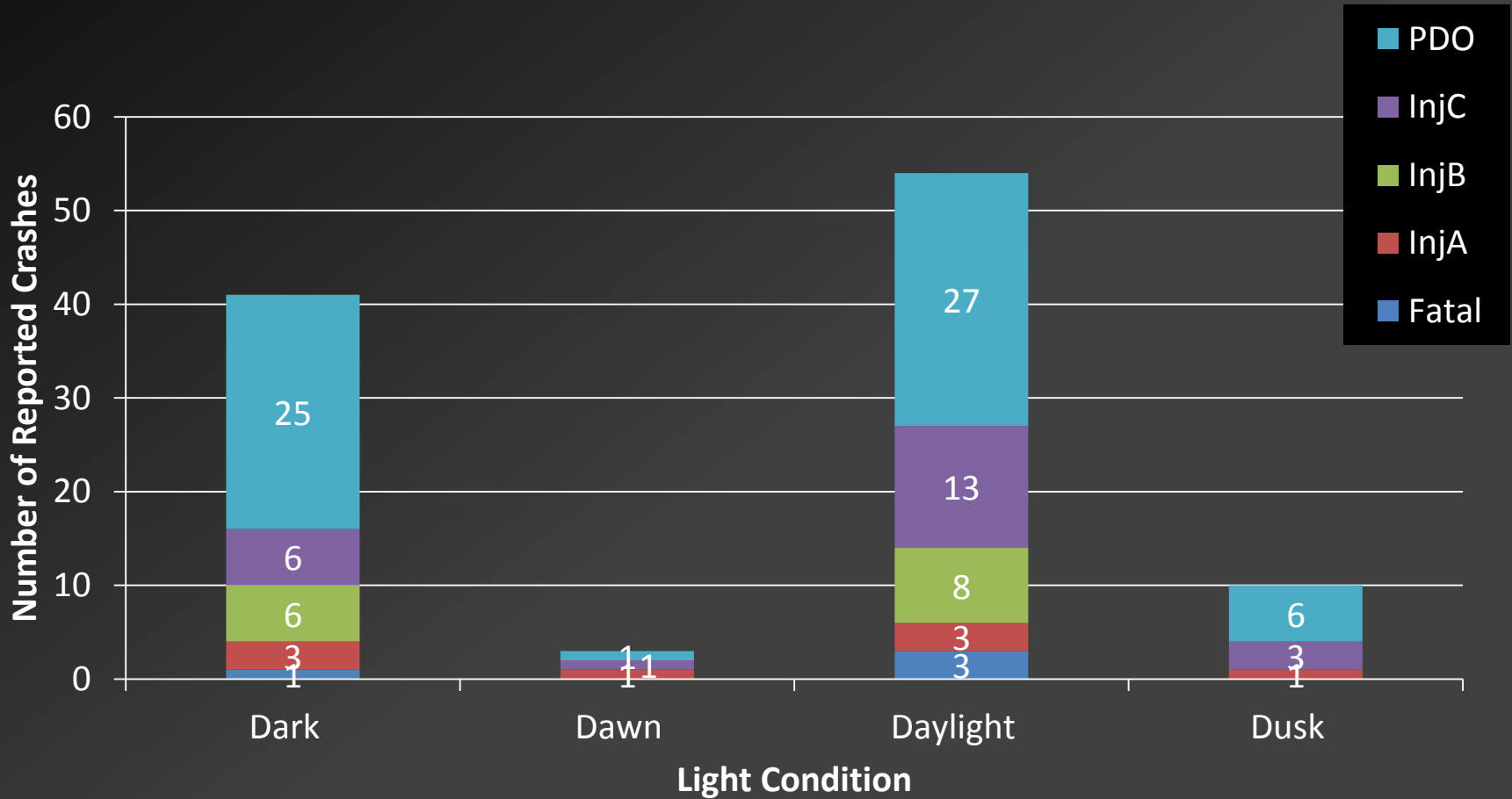
Crash Frequency: Roadway Conditions



Crash Frequency: Alcohol Involved



Crash Frequency: Light Conditions



Crash Diagrams

- See Handouts

Field Review Planning

- **Dates**
 - December 18th – KAI
 - December 19th – KAI with Stakeholders
- **Stakeholders**
 - ODOT
 - Deschutes County