

ROADWAY LIGHTING STUDY

2009-2013 Alabama Crash Data University of Alabama

Center for Advanced Public Safety (CAPS)

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Introduction



This study consisted of two comparisons:

- Lighted Road Crashes vs. Unlighted Road Crashes
 - In rural areas
 - In urban areas
- Reason for necessity for two separate comparison
 - Urban areas have far higher proportion of areas lighted
 - Thus, comparing lighted against unlighted in general would be little more than an urban-rural comparison
 - It would not surface differences caused by lighting

Lighted vs. Not Lighted Rural and Urban



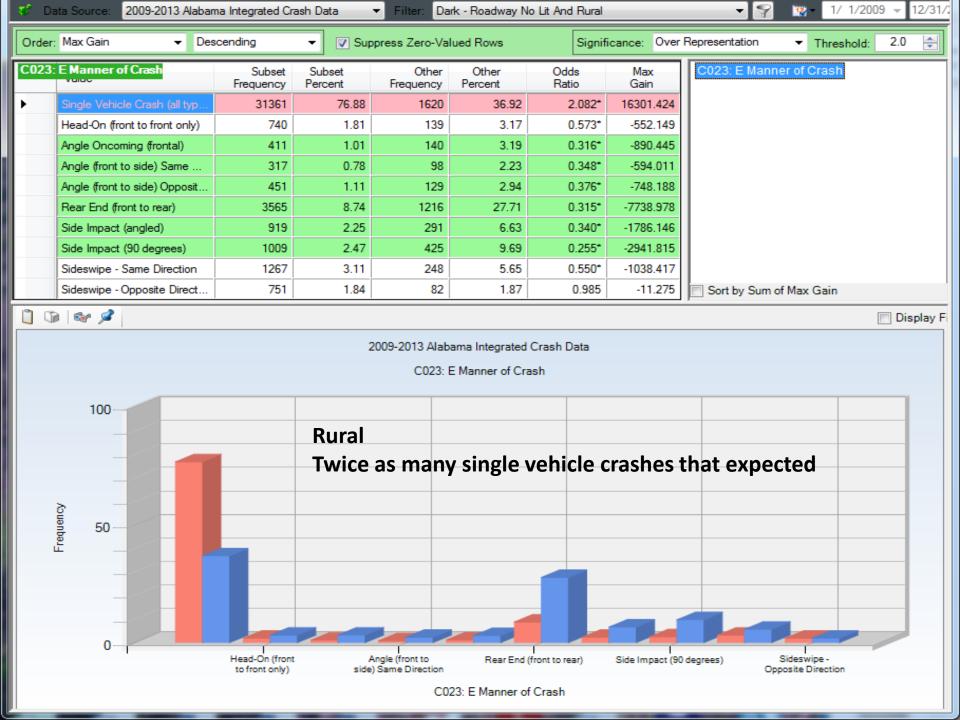
Results will be given for Rural then Urban in each of the following areas:

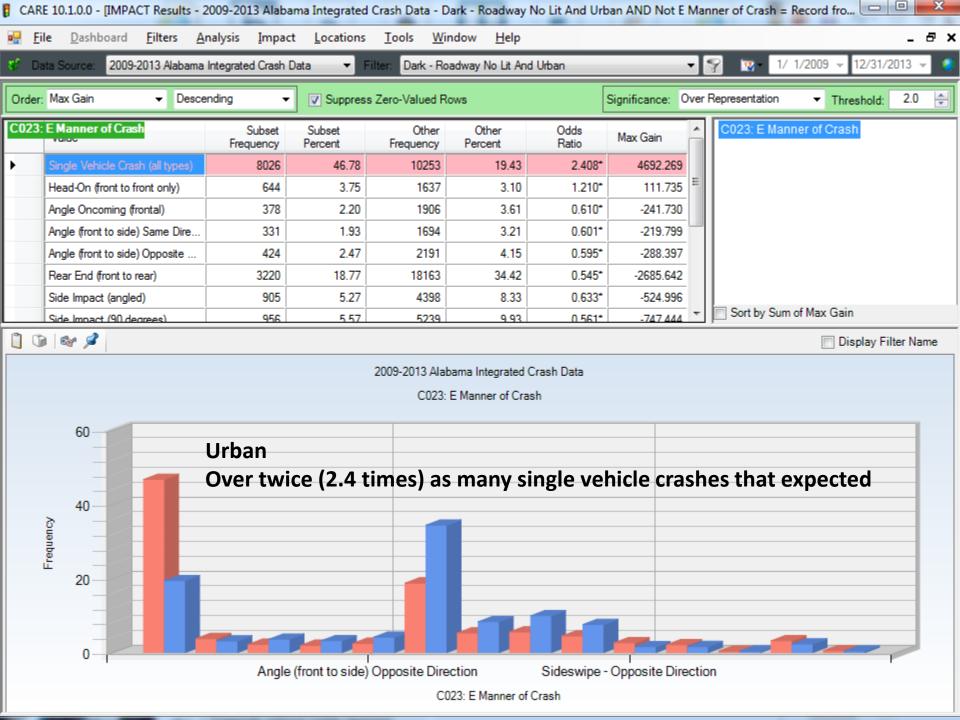
- C023 Manner of Crash
- C051 Number of Vehicles
- C019 Most Harmful Event
- C413 Turn Lanes
- C011 Highway Classification

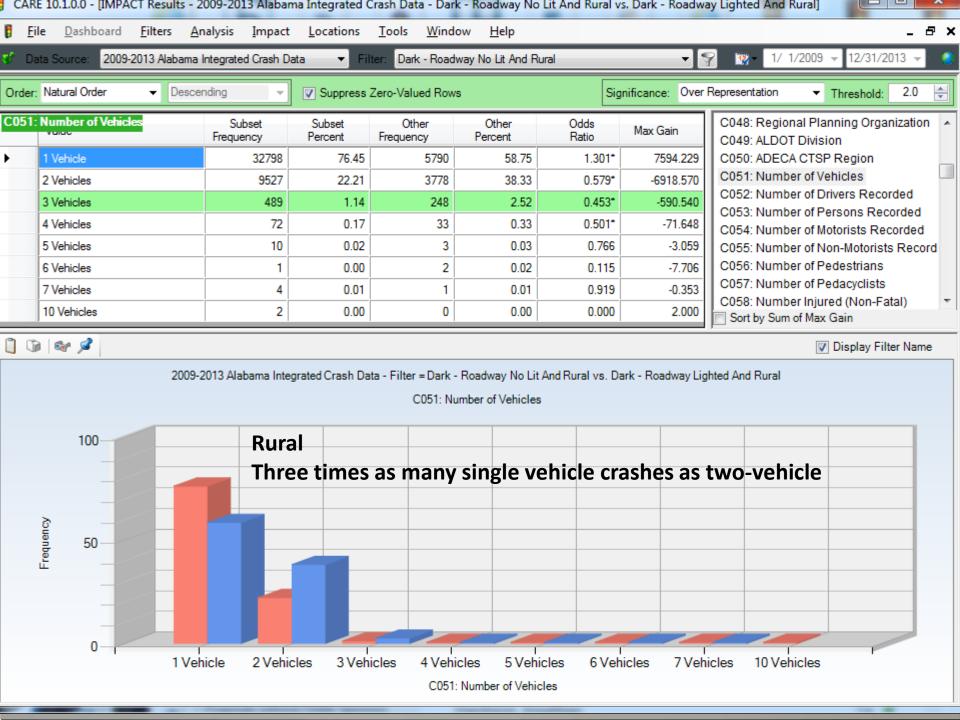
Red bars represent proportion for unlighted roadways.

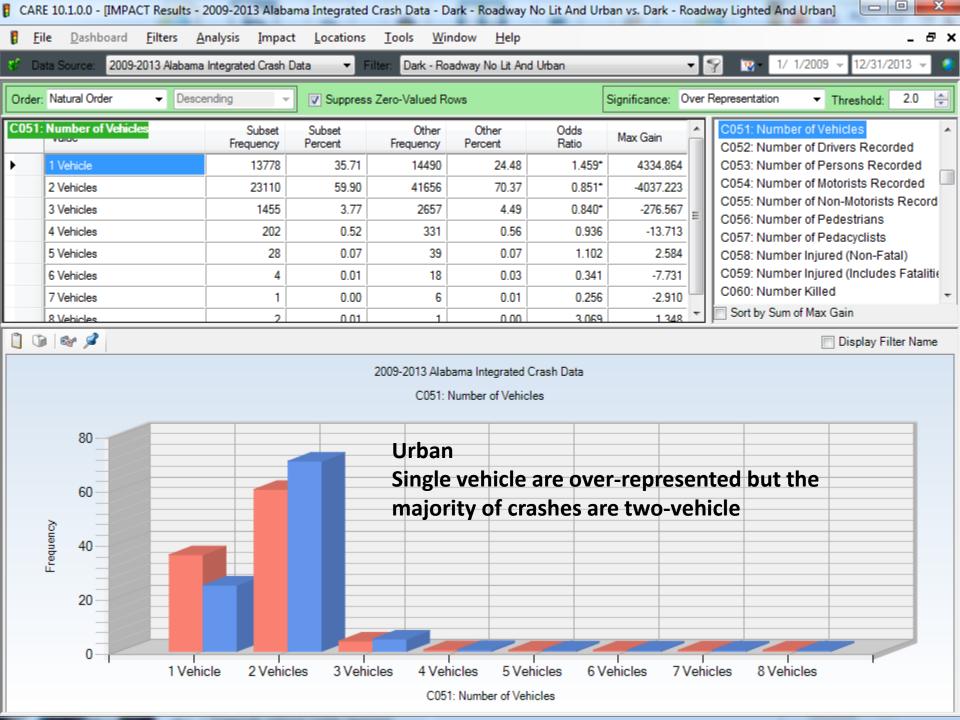
Blue bars represent proportion for lighted roadways.

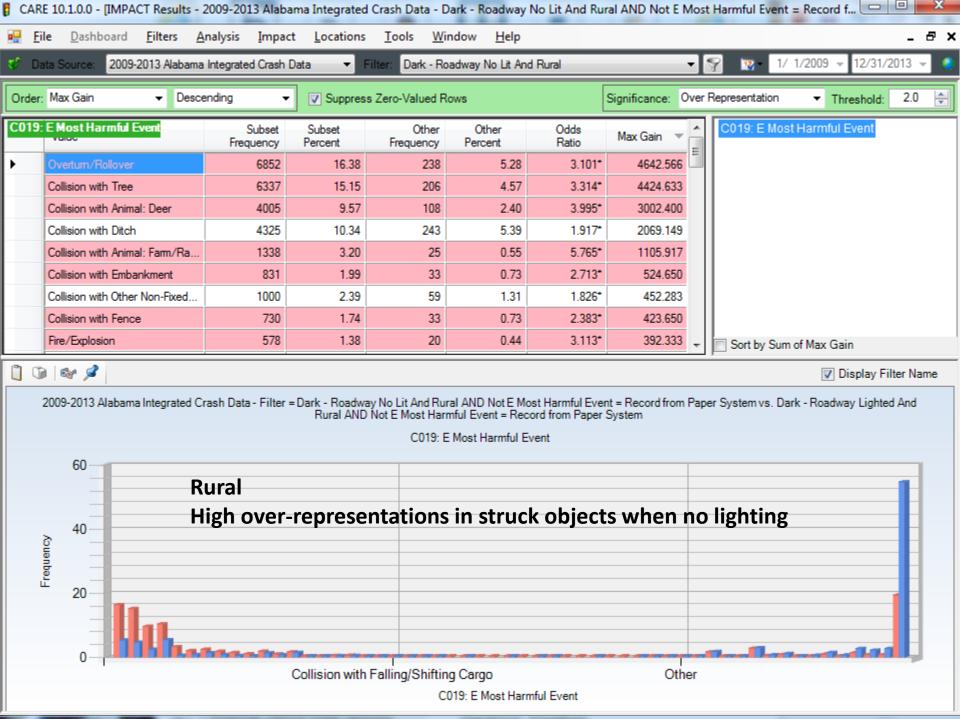
The results for each follow for rural then urban to facilitate comparisons.

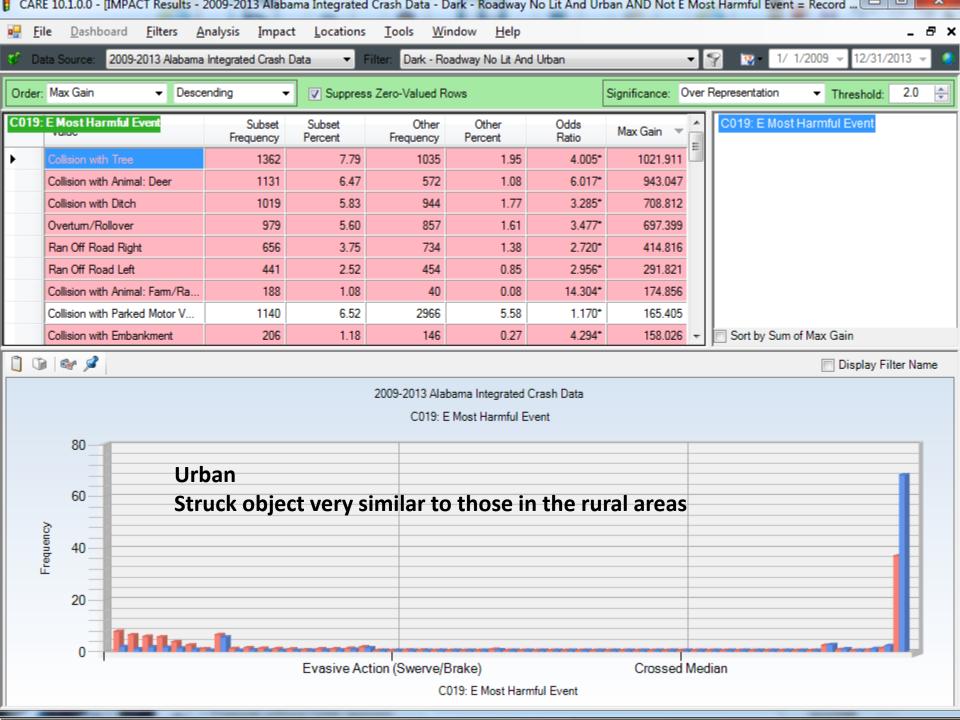


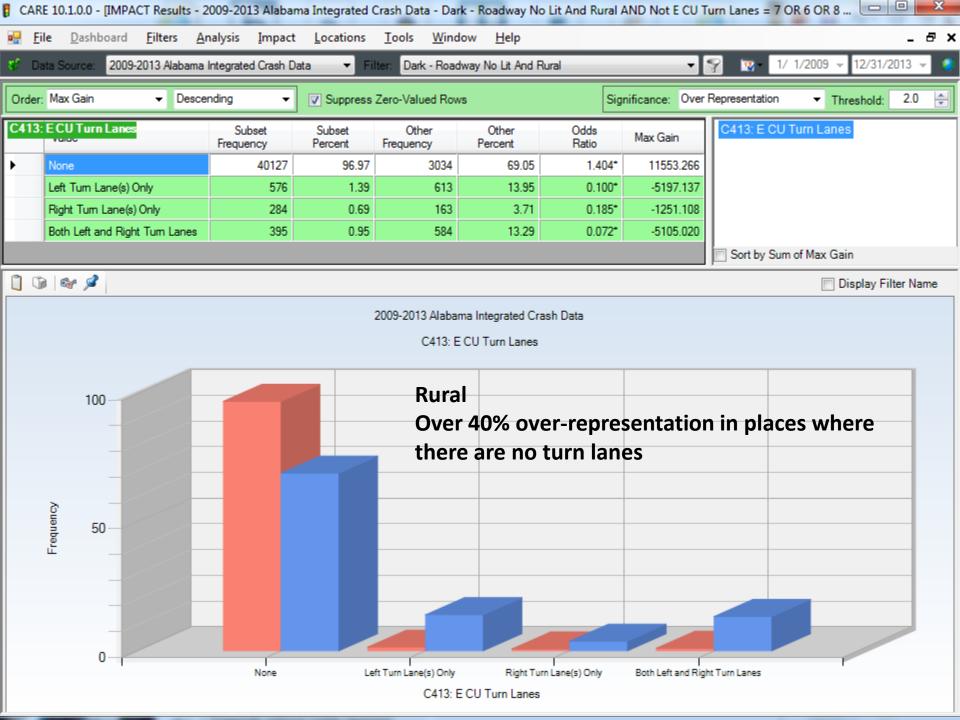


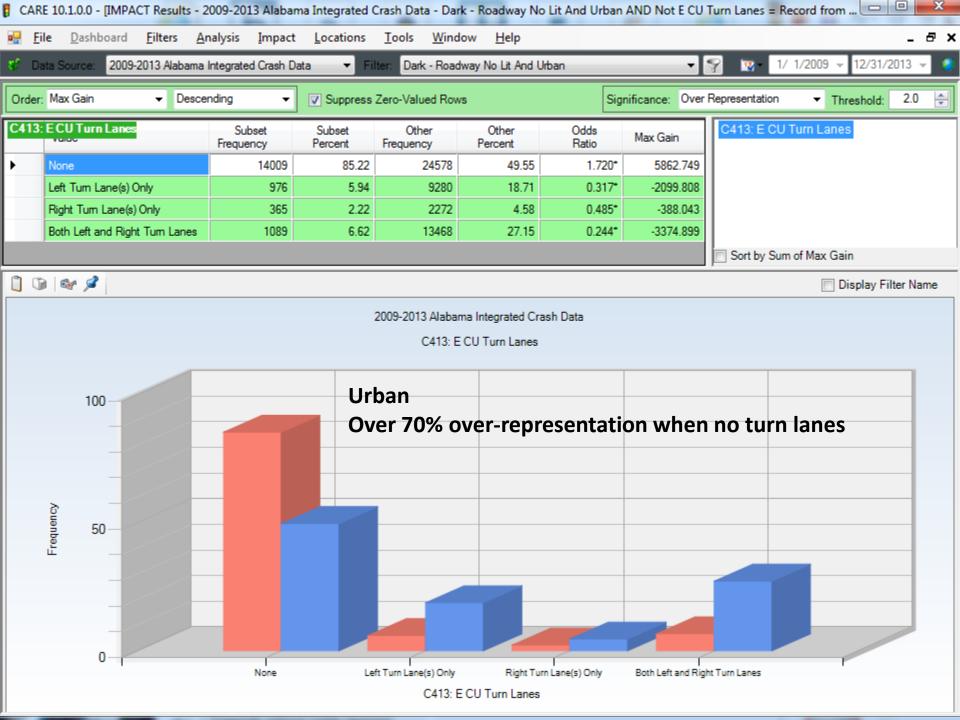


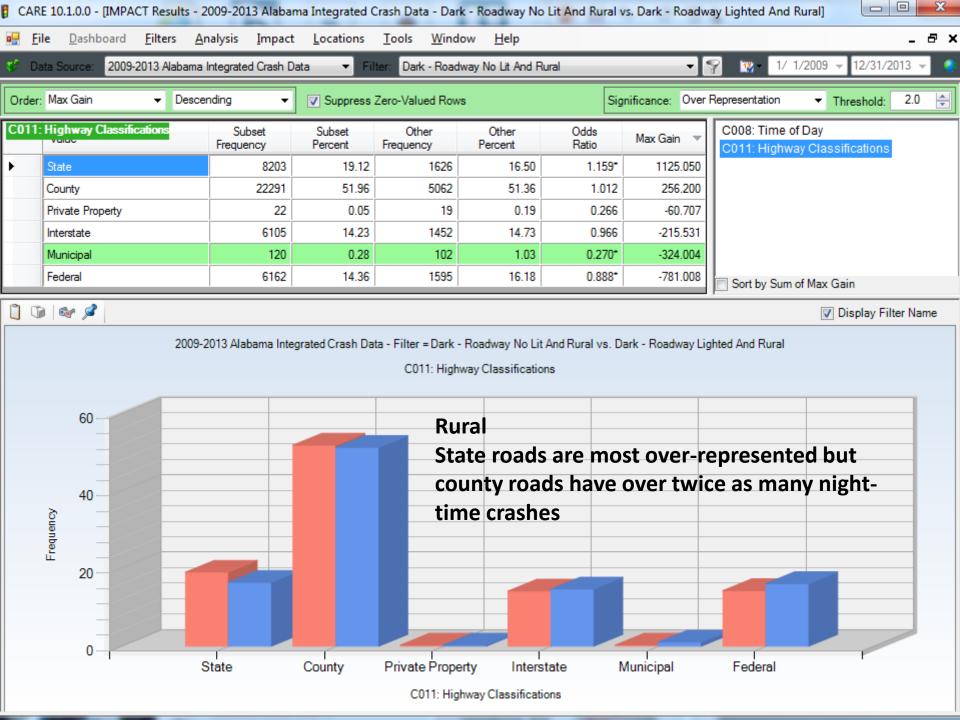


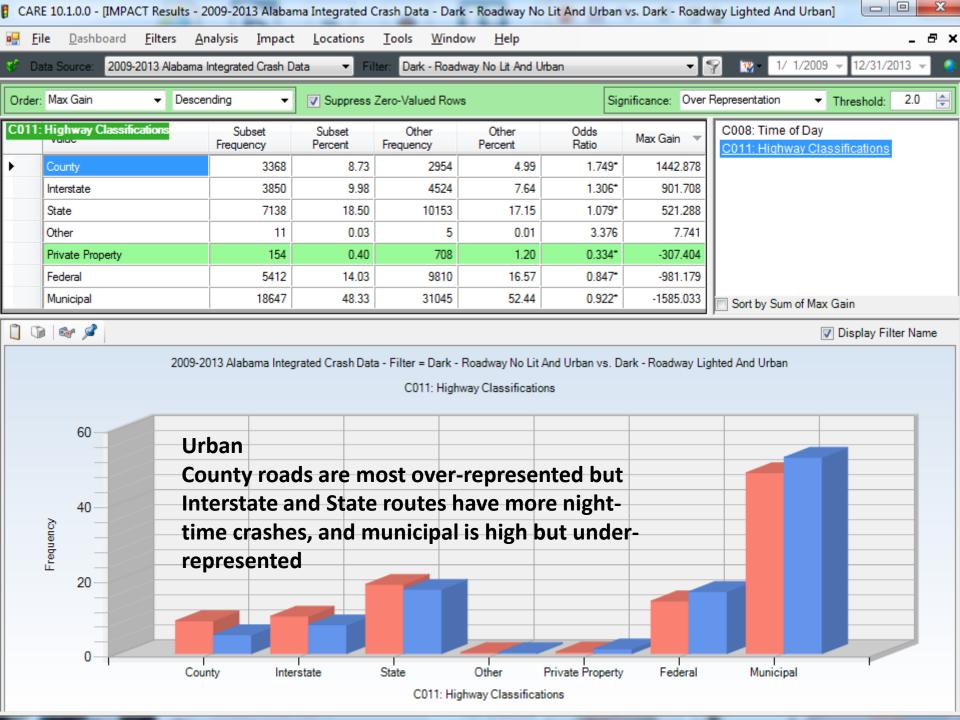


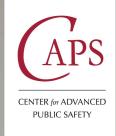












Comes tions