



## CMF / CRF Details

CMF ID: 426

Permit right-turn-on-red

Description:

Prior Condition: *No Prior Condition(s)*

Category: Intersection traffic control

Study: [\*The Effect of Right-Turn-on-Red on Pedestrian and Bicyclist Accidents, Preusser et al., 1982\*](#)

Star Quality Rating:



### Crash Modification Factor (CMF)

Value: 1.43

Adjusted Standard Error: 0.24

Unadjusted Standard Error: 0.11

### Crash Reduction Factor (CRF)

Value: -43 (*This value indicates an **increase** in crashes*)

Adjusted Standard Error: 24

**Unadjusted Standard Error:**

11

### Applicability

**Crash Type:**

Vehicle/pedestrian

**Crash Severity:**

All

**Roadway Types:**

Not specified

**Number of Lanes:**

**Road Division Type:**

**Speed Limit:**

**Area Type:**

Not specified

**Traffic Volume:**

**Time of Day:**

### *If countermeasure is intersection-based*

**Intersection Type:**

Roadway/roadway (not interchange related)

**Intersection Geometry:**

Not specified

**Traffic Control:**

Signalized

**Major Road Traffic Volume:**

**Minor Road Traffic Volume:**

### Development Details

**Date Range of Data Used:**

**Municipality:**

**State:**

|                                  |   |
|----------------------------------|---|
| <b>Country:</b>                  |   |
| <b>Type of Methodology Used:</b> | 3 |
| <b>Sample Size Used:</b>         |   |

| <b>Other Details</b>                      |   |
|---|---|
| <b>Included in Highway Safety Manual?</b> | No  |
| <b>Date Added to Clearinghouse:</b>       | Dec-01-2009   |
| <b>Comments:</b>                          | Countermeasure name has been slightly modified for consistency across Clearinghouse |

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