



CMF / CRF Details

CMF ID: 427

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: 2.07

Adjusted Standard Error: 0.51

Unadjusted Standard Error: 0.23

Crash Reduction Factor (CRF)

Value: -107 (This value indicates an **increase** in crashes)

Adjusted Standard Error: 51

Unadjusted Standard Error:

23

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:

Country:	
Type of Methodology Used:	Simple before/after
Sample Size Used:	

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

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