



CMF / CRF Details

CMF ID: 432

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: 1.8

Adjusted Standard Error: 0.52

Unadjusted Standard Error: 0.24

Crash Reduction Factor (CRF)

Value: -80 (*This value indicates an **increase** in crashes*)

Adjusted Standard Error: 52

Unadjusted Standard Error:

24

Applicability

Crash Type:

Vehicle/bicycle

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

This site is funded by the U.S. Department of Transportation Federal Highway Administration and maintained by the University of North Carolina Highway Safety Research Center

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