



CMF / CRF Details

CMF ID: 5194

Prohibit right-turn-on-red

Description:

Prior Condition: *No Prior Condition(s)*

Category: Intersection traffic control

Study: [Highway Safety Manual, 1st Edition, Various, 2010](#)

Star Quality Rating:	
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Crash Modification Factor (CMF)

Value:	$CMF = 0.98^{n_{prohib}}$
Adjusted Standard Error:	
Unadjusted Standard Error:	

Crash Reduction Factor (CRF)

Value:	(This value indicates an increase in crashes)
Adjusted Standard Error:	

Unadjusted Standard Error:

Applicability

Crash Type:

Angle,Cross median,Day time,Dry weather,Fixed object,Head on,Left turn,Multiple vehicle,Nighttime,Non-intersection,Parking related,Rear end,Rear to rear,Right turn,Run off road,Sideswipe,Single vehicle,Speed related,Truck related,Vehicle/animal,Wet road

Crash Severity:

All

Roadway Types:

Not specified

Number of Lanes:

Road Division Type:

Speed Limit:

Area Type:

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:	Not specified
Sample Size Used:	

Other Details	
Included in Highway Safety Manual?	
Date Added to Clearinghouse:	
Comments:	This CMF addresses all crash types except vehicle-pedestrian and vehicle-bicycle.HSM 1st Ed, page 14-40

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