



## CMF / CRF Details

**CMF ID: 370**

**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:** 2.08

**Adjusted Standard Error:** 0.51

**Unadjusted Standard Error:** 0.23

### Crash Reduction Factor (CRF)

**Value:** -108 (*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:**

<b>Country:</b>	
<b>Type of Methodology Used:</b>	Simple before/after
<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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