



CMF / CRF Details

CMF ID: 5439

Install pedestrian countdown timer

Description: Install pedestrian countdown timer

Prior Condition: Signalized intersection, no countdown timer

Category: Intersection traffic control

Study: [The impact of pedestrian countdown signals on pedestrian-motor vehicle collisions: a quasi-experimental study, A. Camden, R. Buliung, L. Rothman, C. Macarthur, and A. Howard, 2012](#)

Star Quality Rating:



[\[View score details\]](#)

Crash Modification Factor (CMF)

Value: 0.967

Adjusted Standard Error:

Unadjusted Standard Error: 0.067

Crash Reduction Factor (CRF)

Value: 3.3 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:

6.7

Applicability

Crash Type:

Vehicle/pedestrian

Crash Severity:

All

Roadway Types:

All

Number of Lanes:

Road Division Type:

Speed Limit:

Area Type:

Urban

Traffic Volume:

Time of Day:

All

If countermeasure is intersection-based

Intersection Type:

Not specified

Intersection Geometry:

Not specified

Traffic Control:

Signalized

Major Road Traffic Volume:

Minor Road Traffic Volume:

Development Details

Date Range of Data Used:

2000 to 2009

Municipality:

Toronto

State:

Country:	Canada
Type of Methodology Used:	Simple before/after
Sample Size Used:	Crashes
Before Sample Size Used:	1203 Crashes
After Sample Size Used:	262 Crashes

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Jan-09-2014
Comments:	This CMF only applies to crashes involving older people 60+ years old.

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