



CMF / CRF Details

CMF ID: 5318

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: 1.014

Adjusted Standard Error:

Unadjusted Standard Error: 0.029

Crash Reduction Factor (CRF)

Value: -1.4 (This value indicates an **increase** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:	2.9
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Applicability

Crash Type:	Vehicle/pedestrian
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Crash Severity:	All
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Roadway Types:	All
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Number of Lanes:	
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Road Division Type:	
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Speed Limit:	
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Area Type:	Urban
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Traffic Volume:	
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Time of Day:	All
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If countermeasure is intersection-based

Intersection Type:	Not specified
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Intersection Geometry:	Not specified
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Traffic Control:	Signalized
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Major Road Traffic Volume:	
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Minor Road Traffic Volume:	
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Development Details

Date Range of Data Used:	2000 to 2009
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Municipality:	Toronto
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State:	
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Country:	Canada
Type of Methodology Used:	Simple before/after
Sample Size Used:	Crashes
Before Sample Size Used:	7522 Crashes
After Sample Size Used:	1740 Crashes

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Jan-09-2014
Comments:	

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