



CMF / CRF Details

CMF ID: 2093

Presence of transit service

Description:

Prior Condition: signalized intersection

Category: Transit

Study: [*Analysis of Transit Safety at Signalized Intersections in Toronto, Salah et al., 2009*](#)

Star Quality Rating:



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

Crash Modification Factor (CMF)

Value: 1.31

Adjusted Standard Error:

Unadjusted Standard Error: 0.049

Crash Reduction Factor (CRF)

Value: -30.8 (This value indicates an **increase** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:	4.9
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Applicability

Crash Type:	All
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Crash Severity:	All
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Roadway Types:	Not Specified
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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:	Roadway/roadway (not interchange related)
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Intersection Geometry:	
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Traffic Control:	Signalized
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Major Road Traffic Volume:	3556 to 50877 Annual Average Daily Traffic (AADT)
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Minor Road Traffic Volume:	
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Development Details

Date Range of Data Used:	1999 to 2003
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Municipality:	City of Toronto, Canada
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State:	
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Country:	
Type of Methodology Used:	7
Sample Size Used:	1655

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Dec-01-2009
Comments:	

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