



CMF / CRF Details

CMF ID: 2096

Use of bus as public transit type rather than streetcar

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: 1.23

Adjusted Standard Error:

Unadjusted Standard Error: 0.046

Crash Reduction Factor (CRF)

Value: -23.1 (This value indicates an **increase** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:	4.6
-----------------------------------	-----

Applicability

Crash Type:	All
--------------------	-----

Crash Severity:	All
------------------------	-----

Roadway Types:	Not Specified
-----------------------	---------------

Number of Lanes:	
-------------------------	--

Road Division Type:	
----------------------------	--

Speed Limit:	
---------------------	--

Area Type:	Urban
-------------------	-------

Traffic Volume:	
------------------------	--

Time of Day:	All
---------------------	-----

If countermeasure is intersection-based

Intersection Type:	Roadway/roadway (not interchange related)
---------------------------	---

Intersection Geometry:	
-------------------------------	--

Traffic Control:	Signalized
-------------------------	------------

Major Road Traffic Volume:	3556 to 50877 Average Daily Traffic (ADT)
-----------------------------------	---

Minor Road Traffic Volume:	
-----------------------------------	--

Development Details

Date Range of Data Used:	1999 to 2003
---------------------------------	--------------

Municipality:	City of Toronto, Canada
----------------------	-------------------------

State:	
---------------	--

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:	

This site is funded by the U.S. Department of Transportation Federal Highway Administration and maintained by the University of North Carolina Highway Safety Research Center

The information contained in the Crash Modification Factors (CMF) Clearinghouse is disseminated under the sponsorship of the U.S. Department of Transportation in the interest of information exchange. The U.S. Government assumes no liability for the use of the information contained in the CMF Clearinghouse. The information contained in the CMF Clearinghouse does not constitute a standard, specification, or regulation, nor is it a substitute for sound engineering judgment.