



CMF / CRF Details

CMF ID: 2089

Restrict left or right turn (transit-serviced locations)

Description:

Prior Condition: signalized intersection

Category: Access management

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: 0.87

Adjusted Standard Error:

Unadjusted Standard Error: 0.02

Crash Reduction Factor (CRF)

Value: 13.4 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:

2

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 Annual Average Daily Traffic (AADT)

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:	

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