



CMF / CRF Details

CMF ID: 2655

Convert from yield signal control to signalized control

Description:

Prior Condition: yield control

Category: Intersection traffic control

Study: [*Safety Effects of Intersection Signalization: a Before-After Study, Jensen, 2010*](#)

Star Quality Rating:



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

Crash Modification Factor (CMF)

Value: 0.85

Adjusted Standard Error:

Unadjusted Standard Error:

Crash Reduction Factor (CRF)

Value: 15 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:

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:

3-leg

Traffic Control:

Signalized

Major Road Traffic Volume:

Minor Road Traffic Volume:

Development Details

Date Range of Data Used:

1976 to 2004

Municipality:

Copenhagen

State:

Country:	Denmark
Type of Methodology Used:	3
Sample Size Used:	Crashes
After Sample Size Used:	184 Crashes

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Aug-11-2010
Comments:	This CMF is for roadway crashes up to 200 m away from intersection

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