



CMF / CRF Details

CMF ID: 2661

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: 0.97

Adjusted Standard Error:

Unadjusted Standard Error: 0.09

Crash Reduction Factor (CRF)

Value: 3 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:	8.7
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Applicability

Crash Type:	Single vehicle
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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:	3-leg,4-leg,More than 4 legs
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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:	1976 to 2004
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Municipality:	Copenhagen
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State:	
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Country:	Denmark
Type of Methodology Used:	3
Sample Size Used:	Crashes
Before Sample Size Used:	277 Crashes
After Sample Size Used:	278 Crashes

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

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