



CMF / CRF Details

CMF ID: 8194

Installation of fixed speed cameras

Description: Installation of fixed speed cameras on arterials limited access freeways

Prior Condition: No speed camera present

Category: Speed management

Study: [Safety effects of fixed speed cameras - An empirical Bayes evaluation, Hoye, 2015](#)

Star Quality Rating:	
8 Stars	

Crash Modification Factor (CMF)	
Value:	0.93
Adjusted Standard Error:	
Unadjusted Standard Error:	0.064

Crash Reduction Factor (CRF)	
Value:	7 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	6.4

Applicability

Crash Type:

All

Crash Severity:

K (fatal),A (serious injury),B (minor injury),C (possible injury)

Roadway Types:

Not specified

Number of Lanes:

2

Road Division Type:

Speed Limit:

50 to 90 kph

Area Type:

Rural

Traffic Volume:

Time of Day:

All

If countermeasure is intersection-based

Intersection Type:

Intersection Geometry:

Traffic Control:

Major Road Traffic Volume:

Minor Road Traffic Volume:

Development Details

Date Range of Data Used:

2001 to 2009

Municipality:

State:

Country:

Norway

Type of Methodology Used:

2

Sample Size Used:	
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Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Nov-10-2016
Comments:	Long section: 100m upstream and 3km downstream of camera location. Camera installed during 2004-2006 period

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