



CMF / CRF Details

CMF ID: 8189

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, Hoyer, 2015](#)

Star Quality Rating:	

Crash Modification Factor (CMF)	
Value:	0.88
Adjusted Standard Error:	
Unadjusted Standard Error:	0.061

Crash Reduction Factor (CRF)	
Value:	12 (This value indicates a decrease in crashes)
Adjusted Standard Error:	

Unadjusted Standard Error: 6.1

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: 1997 to 2006

Municipality:

State:

Country:	Norway
Type of Methodology Used:	2
Sample Size Used:	

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Nov-10-2016
Comments:	Medium section: 100m upstream and 1km downstream of camera location. Early installation: Cameras installed during 2000-2003 period

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.