



CMF / CRF Details

CMF ID: 8186

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: 0.76

Adjusted Standard Error:

Unadjusted Standard Error: 0.245

Crash Reduction Factor (CRF)

Value: 24 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error: 24.5

Applicability

Crash Type: All

Crash Severity: K (fatal),A (serious 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 2013

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 |

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