



CMF / CRF Details

CMF ID: 6142

Installation of fixed speed cameras

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

Prior Condition: No Speed Cameras Present

Category: Speed management

Study: [*An evaluation of the traffic safety effect of fixed speed cameras, De Pauw et al., 2014*](#)

Star Quality Rating:

Crash Modification Factor (CMF)

Value: 0.73

Adjusted Standard Error:

Unadjusted Standard Error: 0.192

Crash Reduction Factor (CRF)

Value: 27 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error: 19.2

Applicability

Crash Type:

All

Crash Severity:

K (fatal),A (serious injury)

Roadway Types:

Not specified

Number of Lanes:

1 to 2

Road Division Type:

Speed Limit:

30 - 55 mph (50 - 90 km/hr)

Area Type:

All

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:

2000 to 2008

Municipality:

Flanders

State:

Country:

Belgium

Type of Methodology Used:

1

Sample Size Used:	
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Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Mar-11-2015
Comments:	This CMF addresses severe injury crashes within 250 meters of speed camera location, regardless of direction. The number of crashes in the after period were not reported in this study, however, they have been recorded as 300 to give 10 points as a benefit of doubt for one or more of the following: (1) number of miles/sites in the reference/treatment group, (2) number of crashes in the references/treatment group, (3) reporting AADTs for the aggregate dataset but not for the disaggregate dataset used for CMF development.

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