



CMF / CRF Details

CMF ID: 10656

Implement automated speed enforcement cameras

Description:

Prior Condition: No Speed Enforcement Cameras within the 400 m Circular Zone

Category: Advanced technology and ITS

Study: [Are multiple speed cameras more effective than a single one? Causal analysis of the safety impacts of multiple speed cameras, Li et al., 2020](#)

Star Quality Rating:	
4 Stars	

Crash Modification Factor (CMF)	
Value:	0.878
Adjusted Standard Error:	
Unadjusted Standard Error:	

Crash Reduction Factor (CRF)	
Value:	12.18 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	

Applicability

Crash Type:	All
Crash Severity:	K (fatal),A (serious injury),B (minor injury),C (possible injury)
Roadway Types:	All
Number of Lanes:	
Road Division Type:	All
Speed Limit:	
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:	1999 to 2007
Municipality:	Cheshire, Dorset, Hertfordshire, Lancashire, Leicester, London, Manchester, Merseyside, Sussex, and West midlands
State:	
Country:	England
Type of Methodology Used:	7

Sample Size Used:	
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Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Feb-25-2021
Comments:	This CMF is for personal injury collisions within a 400 m radius (circular zone) of a speed camera. The sites are defined as the number of speed cameras within a circular zone, and this CMF compares sites with 2 speed cameras within a circular zone to sites with no speed cameras within a circular zone.

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

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