



CMF / CRF Details

CMF ID: 8216

Install bicycle lanes

Description: Bicycle lanes are about 1.5-2 meters wide.

Prior Condition: No dedicated on-road painted cycle lane

Category: Bicyclists

Study: [*The Effect of Cycle Lanes on Cycling Numbers and Safety, Koorey and Parsons, 2016*](#)

Star Quality Rating:



[\[View score details\]](#)

Crash Modification Factor (CMF)

Value: 0.77

Adjusted Standard Error:

Unadjusted Standard Error: 0.24

Crash Reduction Factor (CRF)

Value: 23 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:

24

Applicability

Crash Type:

Vehicle/bicycle

Crash Severity:

All

Roadway Types:

All

Number of Lanes:

Road Division Type:

All

Speed Limit:

Area Type:

Not specified

Traffic Volume:

5000 to 39000 *Annual Average Daily Traffic (AADT)*

Time of Day:

Not specified

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 2009

Municipality:

Christchurch

State:

Country:	New Zealand
Type of Methodology Used:	Before/after using comparison group
Sample Size Used:	

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Jan-17-2017
Comments:	

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