



## CMF / CRF Details

**CMF ID: 8216**

**Install bicycle lanes**

**Description:**

**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:**

|                                  |                                     |
|----------------------------------|-------------------------------------|
| <b>Country:</b>                  | New Zealand                         |
| <b>Type of Methodology Used:</b> | Before/after using comparison group |
| <b>Sample Size Used:</b>         |                                     |

| <b>Other Details</b>                      |             |
|---|-------------|
| <b>Included in Highway Safety Manual?</b> | No          |
| <b>Date Added to Clearinghouse:</b>       | Jan-17-2017 |
| <b>Comments:</b>                          |             |

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