



CMF / CRF Details

CMF ID: 2169

Install bicycle tracks

Description: Bicycle tracks are about 2-2.5 meters wide.

Prior Condition: No bike facilities

Category: Bicyclists

Study: [*Bicycle Tracks and Lanes: a Before-After Study, Jensen, 2008*](#)

Star Quality Rating:



Crash Modification Factor (CMF)

Value: 1.3

Adjusted Standard Error:

Unadjusted Standard Error: 0.128

Crash Reduction Factor (CRF)

Value: -30 (This value indicates an **increase** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error: 10.58

Applicability

Crash Type: Vehicle/pedestrian

Crash Severity: K (fatal),A (serious injury),B (minor injury),C (possible injury)

Roadway Types: Not Specified

Number of Lanes:

Road Division Type:

Speed Limit:

Area Type: Urban

Traffic Volume:

Time of Day: All

If countermeasure is intersection-based

Intersection Type: Roadway/roadway (not interchange related)

Intersection Geometry:

Traffic Control:

Major Road Traffic Volume: 5000 to 28000 Average Daily Traffic (ADT)

Minor Road Traffic Volume:

Development Details

Date Range of Data Used: 1976 to 2004

Municipality: Copenhagen, Denmark

State:

Country:

Type of Methodology Used:	3
Sample Size Used:	
Before Sample Size Used:	77
After Sample Size Used:	77

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Dec-01-2009
Comments:	Pedestrian injuries at intersections

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