



## CMF / CRF Details

**CMF ID: 2665**

**Convert from yield signal control to signalized control**

**Description:**

**Prior Condition: yield control**

**Category: Intersection traffic control**

**Study:** [\*Safety Effects of Intersection Signalization: a Before-After Study, Jensen, 2010\*](#)

**Star Quality Rating:**



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

### Crash Modification Factor (CMF)

**Value:** 1.03

**Adjusted Standard Error:**

**Unadjusted Standard Error:** 0.17

### Crash Reduction Factor (CRF)

**Value:** -3 (This value indicates an **increase** in crashes)

**Adjusted Standard Error:**

<b>Unadjusted Standard Error:</b>	16.6
-----------------------------------	------

### Applicability

<b>Crash Type:</b>	Head on,Rear end
--------------------	------------------

<b>Crash Severity:</b>	All
------------------------	-----

<b>Roadway Types:</b>	Not Specified
-----------------------	---------------

<b>Number of Lanes:</b>	
-------------------------	--

<b>Road Division Type:</b>	
----------------------------	--

<b>Speed Limit:</b>	
---------------------	--

<b>Area Type:</b>	Urban
-------------------	-------

<b>Traffic Volume:</b>	
------------------------	--

<b>Time of Day:</b>	All
---------------------	-----

### *If countermeasure is intersection-based*

<b>Intersection Type:</b>	Roadway/roadway (not interchange related)
---------------------------	---

<b>Intersection Geometry:</b>	3-leg
-------------------------------	-------

<b>Traffic Control:</b>	Signalized
-------------------------	------------

<b>Major Road Traffic Volume:</b>	
-----------------------------------	--

<b>Minor Road Traffic Volume:</b>	
-----------------------------------	--

### Development Details

<b>Date Range of Data Used:</b>	1976 to 2004
---------------------------------	--------------

<b>Municipality:</b>	Copenhagen
----------------------	------------

<b>State:</b>	
---------------	--

<b>Country:</b>	Denmark
<b>Type of Methodology Used:</b>	3
<b>Sample Size Used:</b>	Crashes
<b>Before Sample Size Used:</b>	93 Crashes
<b>After Sample Size Used:</b>	92 Crashes

<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Aug-11-2010
<b>Comments:</b>	This CMF is for intersection and roadway crashes up to 200 m away from intersection

---

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

*The information contained in the Crash Modification Factors (CMF) Clearinghouse is disseminated under the sponsorship of the U.S. Department of Transportation in the interest of information exchange. The U.S. Government assumes no liability for the use of the information contained in the CMF Clearinghouse. The information contained in the CMF Clearinghouse does not constitute a standard, specification, or regulation, nor is it a substitute for sound engineering judgment.*