



## CMF / CRF Details

**CMF ID: 8218**

**Install pedestrian countdown timer**

**Description: Install pedestrian countdown timer**

**Prior Condition: Intersections without pedestrian countdown signals**

**Category: Intersection traffic control**

**Study: [Evaluating Effectiveness of Pedestrian Countdown Signals on Safety of Older Drivers, Kwigizile et al., 2016](#)**

**Star Quality Rating:**



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

### Crash Modification Factor (CMF)

**Value:** 0.85

**Adjusted Standard Error:**

**Unadjusted Standard Error:** 0.092

### Crash Reduction Factor (CRF)

**Value:** 15 (This value indicates a **decrease** in crashes)

**Adjusted Standard Error:**

<b>Unadjusted Standard Error:</b>	9.2
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### Applicability

<b>Crash Type:</b>	Other
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<b>Crash Severity:</b>	All
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<b>Roadway Types:</b>	Not specified
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<b>Number of Lanes:</b>	1-10
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<b>Road Division Type:</b>	All
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<b>Speed Limit:</b>	
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<b>Area Type:</b>	Not specified
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<b>Traffic Volume:</b>	
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<b>Time of Day:</b>	All
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### *If countermeasure is intersection-based*

<b>Intersection Type:</b>	Not specified
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<b>Intersection Geometry:</b>	Not specified
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<b>Traffic Control:</b>	Signalized
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<b>Major Road Traffic Volume:</b>	1637 to 70100 Annual Average Daily Traffic (AADT)
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<b>Minor Road Traffic Volume:</b>	730 to 35214 Annual Average Daily Traffic (AADT)
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### Development Details

<b>Date Range of Data Used:</b>	2004 to 2013
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<b>Municipality:</b>	
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<b>State:</b>	MI
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<b>Country:</b>	
<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>	CMFs of crashes involve drivers at age of 65 or older.

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