

Road Safety Cameras

Around the World

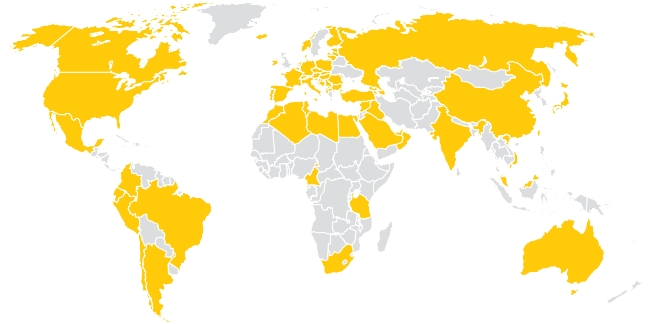


Red-Light Safety Cameras

AUSTRALIA

Thirty red-light cameras rotating through **60 signalized intersections** in Western Australia from 2005 through 2009 are estimated to **have reduced casualty crashes by 25% to 30%**.

SOURCE: Cameron, M. "Police Advice to Guide the Placement of Fixed and Speed/Red-Light Cameras in Western Australia." Commissioned by Office of Road Safety, 2010. Page 11.



AUSTRIA

With cameras in place, the number of people crossing junctions at a red light has decreased significantly. So far this year, **17,000 people have been caught** going through red lights by the cameras, that is **4,500 less than the same period in 2012**.

SOURCE: "Clampdown on people running red lights in city." Austrian Times, September 26, 2013.

CANADA

The city of Saskatoon estimates intersections with red-light cameras boast a **15% lower injury and fatality rate** and a **22% drop in the most severe type of collisions** compared with the city's other busy intersections.

SOURCE: The Star Phoenix (Canada), Sept. 16, 2013.

In Calgary, from 2000 to 2011, collisions at intersections with photo enforcement cameras have **decreased 17%** and **injury collisions have fallen nearly 50%**.

SOURCE: The Calgary Sun, Nov. 22, 2012.



ENGLAND

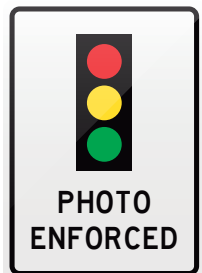
An evaluation of red-light cameras in a number of counties in England showed an **accident reduction of 18% over 254 sites**.

SOURCE: Traffic Technology Today, Oct. 14, 2009.

ISRAEL

A poll conducted by the Or Yarok organization and the Institute for Geocartographic Research found that **three-quarters of Israelis favor** the new speed and red-light cameras. Ultimately some **100 red-light and 200 speed safety cameras are expected to be deployed** across the country.

SOURCE: The Jerusalem Post, Jan. 18, 2012.



SCOTLAND

A study of red-light camera deployments in Glasgow showed a **25% drop in accidents** at signalized junctions, including a **67% drop in fatal accidents**, a **40% drop in serious accidents**, a **28% drop in slight accidents** and a **22% drop in non-injury accidents**.

SOURCE: Traffic Technology Today, Oct. 14, 2009.

Red-Light and Speed Safety Cameras Combined

BELGIUM

A study of 253 intersections in Flanders, Belgium, with one or more fixed combined red-light and speed safety cameras, revealed an overall **decrease of 14% to 18% of crashes** with fatal and serious injuries, and a **24% decrease of severe side crashes**.

SOURCE: De Pauw, E., Daniels, S., Brijs, T., Hermans, E., Wets, G., "The Effect of Combined Speed and Red Light Cameras on Safety." Transportation Research Institute. 2012.

AUSTRALIA

In an evaluation of **77 signalized intersections** across Victoria:

- Crashes involving vehicles in the lane with a camera **decreased an estimated 47%**.
- Crashes involving vehicles in all lanes **decreased an estimated 26%**; while right-angle and right-turn-against **crashes diminished an estimated 44%**.
- Across all 77 intersections, cameras helped **avert an estimated 17 serious or fatal crashes per year** and 39 minor injury crashes for a crash cost savings to the community of more than \$8 million.

SOURCE: Budd, L., Scully, J., & Newstead, S. (2011) Evaluation of the crash effects of Victoria's fixed digital Speed and red-light cameras (No. 307). Victoria: Monash University, Accident Research Centre.

Speed Safety Cameras

AUSTRALIA

Queensland's mobile speed camera program **reduced fatal and serious injury crashes by 40.4%**, **decreased crashes requiring medical treatment by 50.7%** and **reduced total crashes by 31.2%**.

SOURCE: Victorian Auditor-General's Report. (2011) "Road Safety Camera Program." Figure 2D. Page 20.

ISRAEL

With speed cameras installed along a treacherous stretch of road on the **Krayot Bypass**, **traffic accidents decreased by 26%**.

SOURCE: The Jerusalem Post, Oct. 29, 2013.

UNITED KINGDOM

A national evaluation of **502 fixed camera sites and 1,448 mobile camera sites in 2005** found **fatal and serious injury crashes fell by 42.1%**.

SOURCE: Victorian Auditor-General's Report. (2011) "Road Safety Camera Program." Figure 2D. Page 20.

WORLDWIDE

An analysis of **28 studies** measuring the effect of speed cameras found:

- Injury crash reductions ranged between **8% to 50%**.
- Serious injury or fatal crashes diminished from **11% to 44%**.
- Studies of longer duration showed that these positive trends were either maintained or improved with time.

SOURCE: Wilson C., Willis C., Hendrikz JK., Le Brocq R., Bellamy N., The Cochrane Collaboration. (2010) "Speed cameras for the prevention of road traffic injuries and deaths."



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