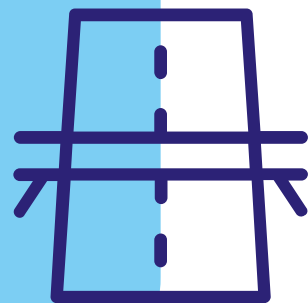
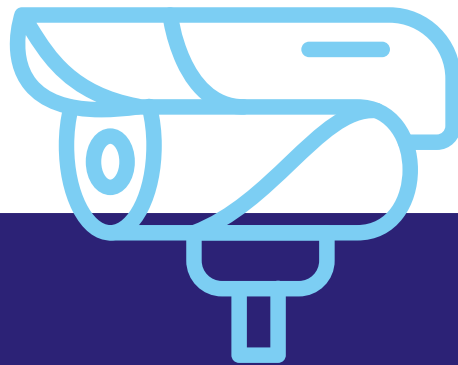


Transport Infrastructure Ireland

Safety Cameras on National Road Network



Safety Cameras on National Road Network

Introduction

TII is one of the lead stakeholders responsible for implementing several high impact actions contained in [Ireland's Government Road Safety Strategy 2021 – 2030](#). One of the five pillars of the strategy is Safe Speeds and Action 8 seeks to expand speed management on Irish roads by means of camera enforcement, including average speed cameras in collaboration with A Garda Siochana.

The use of speed cameras, average speed cameras sections is recommended as best practice for EU member states by the European Transport Safety Council¹ and this is echoed in both the 2023 Climate Action Plan and the National Sustainable Mobility Policy.

Need

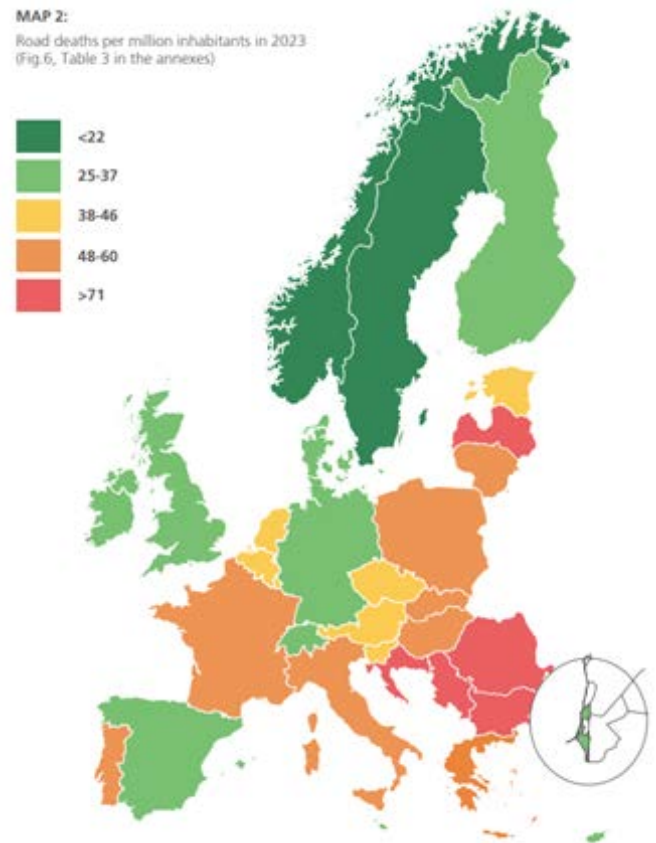
To achieve national and EU road safety targets Ireland must innovate and transform its approach to partnership-working to manage speeds on our networks. Implementation of this type of measure represents a step change in our approach to road safety and is a move towards a Safe Systems Approach.

Ireland is performing well in terms of Fatal and Serious Injury Collisions in a European context (notwithstanding recent increases).

However, Ireland will not meet its interim target this year because by 2024 we sought to reduce deaths on Ireland's roads to 122 or lower and serious injuries to 1,133 or lower. Our next target date is 2030 and the target we are aiming for is to half deaths to 72 or lower and serious injuries to 630 or lower i.e. in line with the EU targets.

One area that presents an opportunity to address this is the use of safety cameras. Currently we lag behind other states in the EU in terms of total number of cameras.

Image: ETSC Annual Report (2024) [ETSC-18th-PIN-Annual-Report-DIGITAL-V3.pdf](#)—Example of Camera Enforcement in other EU States



For example, In Lithuania, population 2.8 million, safety cameras began rapid deployment in 2018, now there are over 400 cameras with 70 fixed and 25 average speed cameras on State Significant roads and over 100 more are planned.

France, population of 68 million, has over 4,600 cameras in operation.

Safety cameras will help to increase the proportion of vehicles travelling within the speed limit by road and vehicle type. Reducing average speeds by 5% could reduce fatal collisions by 30%².

1 ETSC, (2022). How Traffic Law Enforcement can Contribute to Safer Roads PIN Flash 42 HOW TRAFFIC LAW, ETSC, Brussels. https://etsc.eu/wp-content/uploads/ETSC_PINFLASH42_v2TH_JC_FINAL_corrected-060522.pdf

2 World Health Organization. (2017). Managing speed. Geneva: World Health Organization. <https://www.who.int/publications/i/item/managing-speed>

Expected Impacts

At fixed camera sites killed and serious injury collision are expected to fall by approximately 15% and all collision types to fall by approximately 20%.

At average speed cameras sections, we expect fatal and serious injury collisions, within the section, to fall by approximately 50% and all collision types by approximately 30%. These estimates are based on research conducted in several countries where speed cameras have been implemented³.

By 2030



we will reduce deaths
on Ireland's roads by 50%
from 144 to **72 or lower**



we will reduce serious injury
on Ireland's roads by 50%
from 1,259 to **630 or lower**



In addition to reduction in the number of collisions we expect to observe reductions in speeds. The successful pilot implemented on the M7 by TII in 2021 showed that average speed cameras significantly reduce the proportion of drivers exceeding the posted speed limit. Before the control measure was implemented nearly a third (32%) of all traffic was observed exceeding the posted speed limit. After implementation this was reduced to just under 4%. For more information please visit [Installation of Ireland's 1st Mainline Motorway Average Speed Safety Camera system \(tii.ie\)](https://www.tii.ie/Installation-of-Ireland's-1st-Mainline-Motorway-Average-Speed-Safety-Camera-system).



Image: Installation of an N5 average safety camera Co. Mayo September 2024.

New Safety Cameras

There are two types of safety cameras being deployed, the first are the average speed cameras and the second type are fixed speed cameras. While both record your speed in relation to the posted speed limit they measure it differently.

Average speed cameras, sometimes called distance over time or point to point, measure your speed over a distance, distance over time, within a fixed section. As such it measures your journey time from one point to another.

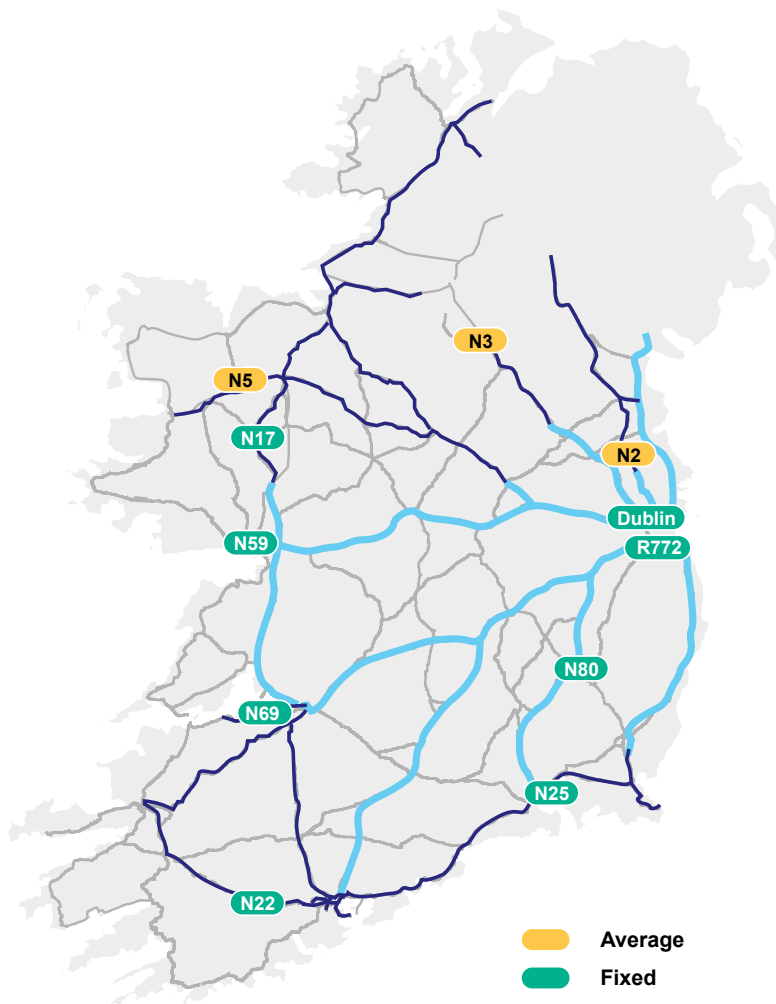
Fixed cameras, also referred to as static, measure your vehicle speed passing a fixed point and record your instantaneous speed.

The three average speed cameras will operate on the N5 Co. Mayo, N3 Co. Cavan, and N2 Co. Meath on National Primary roads with a posted speed limits of 100 Km/hr. The seven fixed speed cameras will operate on National Primary and National Secondary roads.

³ Høye, A. (2014). Speed cameras, section control, and kangaroo jumps—a meta-analysis. *Accident Analysis & Prevention*, 73, 200–208. <https://doi.org/10.1016/j.aap.2014.09.001>

The N13 Co. Donegal, N17 Co. Mayo, N22 Co. Cork, and N25 Co. Kilkenny on the National Primary roads with a posted speed limit of 100 km/hr. The N59 Co. Galway, N69 Co. Limerick and finally the N80 Co. Carlow on National Secondary roads with a posted speed limit of 100Km/hr.

In addition to the works on National roads facilitated by AGS, TII and Local authorities two cameras will also begin operation on Regional roads, one in Dublin city at Dolphins Barn and one on the R772 in Co. Wicklow. The Regional road cameras are being progressed by the Department of Transport and the NTA in collaboration with An Garda Síochána.



Enforcement

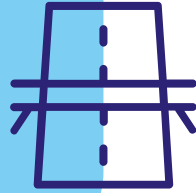
Before enforcement can commence at each location the cameras will go through a process of commissioning, validation and testing of the camera and associated systems.

The N5 and N3 average speed camera sites are currently in this testing phase.

The dates from which enforcement at each location will commence will be announced by An Garda Síochána. Please visit An Garda Síochána for latest updates here [UPDATE 1 - An Garda Síochána Announces Locations of Nine Static Speed Safety Cameras. - Garda](#)



Image: N5 average safety camera (testing) Co. Mayo September 2024.



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