

# Data and research in road safety – what they tell us as we approach the end of Scotland's Road Safety Framework to 2020 and prepare for the next decade



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# Road Safety Framework to 2020



A steady reduction in the numbers of those killed and seriously injured with the ultimate vision where no one is killed on Scotland's roads



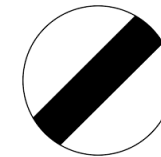
Adopted the safe system approach at the mid term review

## Targets

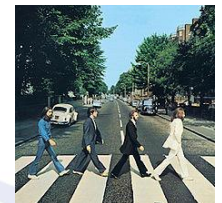
2020 Target
40% reduction in people killed
50% reduction in children killed
55% reduction in people seriously injured
65% reduction in children seriously injured
10% reduction in the slight casualty rate

## Priority Focus Areas

- Speed and Motorcycles



- Vulnerable Road Users



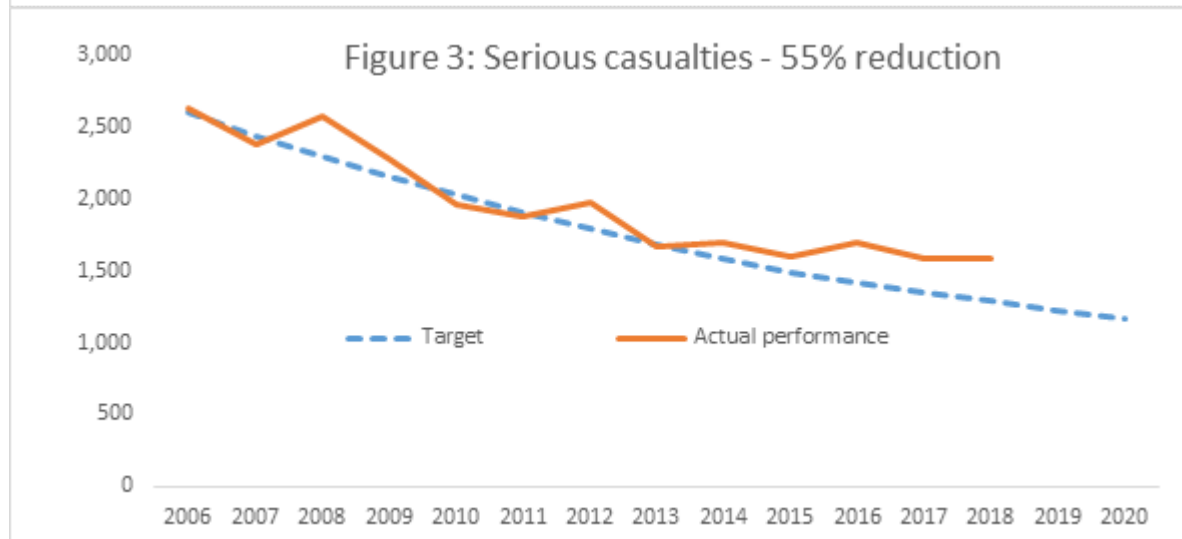
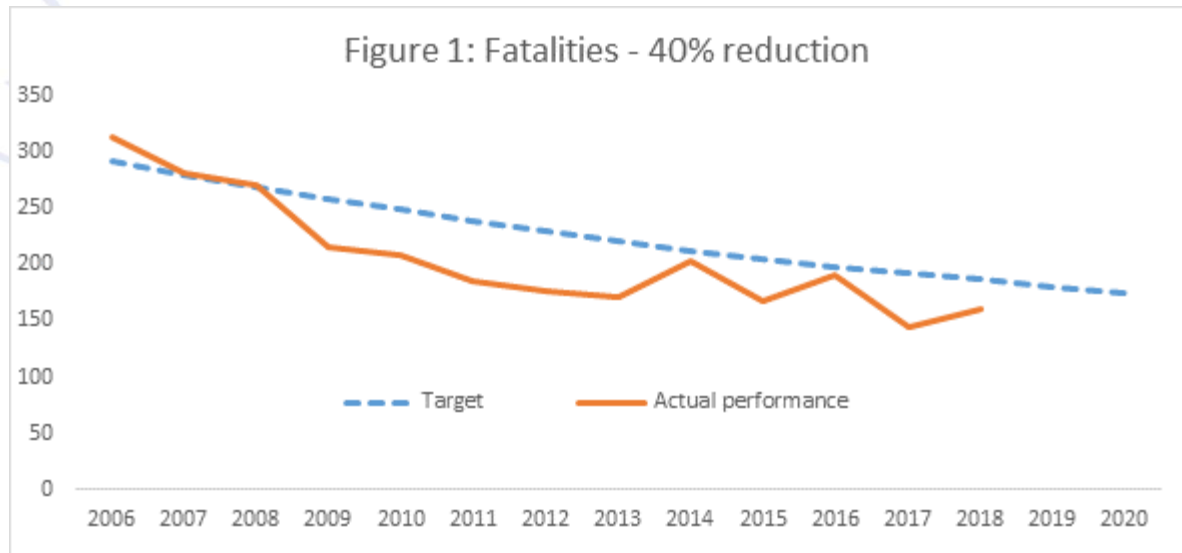
- Age



# Our progress towards the 2020 targets

2020 Target (2004-2008 baseline)	Progress to 2018	Status
40% reduction in people killed	45% reduction	On track - currently exceeding target
55% reduction in people seriously injured	39% reduction	Significant improvement, but at current rate of decrease will miss target
50% reduction in children killed	63% reduction	On track - currently exceeding target
65% reduction in children seriously injured	56% reduction	Significant improvement, but at current rate of decrease will miss target
10% reduction in the slight casualty rate	57% reduction	On track - currently exceeding target

# Our progress towards the 2020 targets



# Contributory factors to reported Road Traffic Accidents



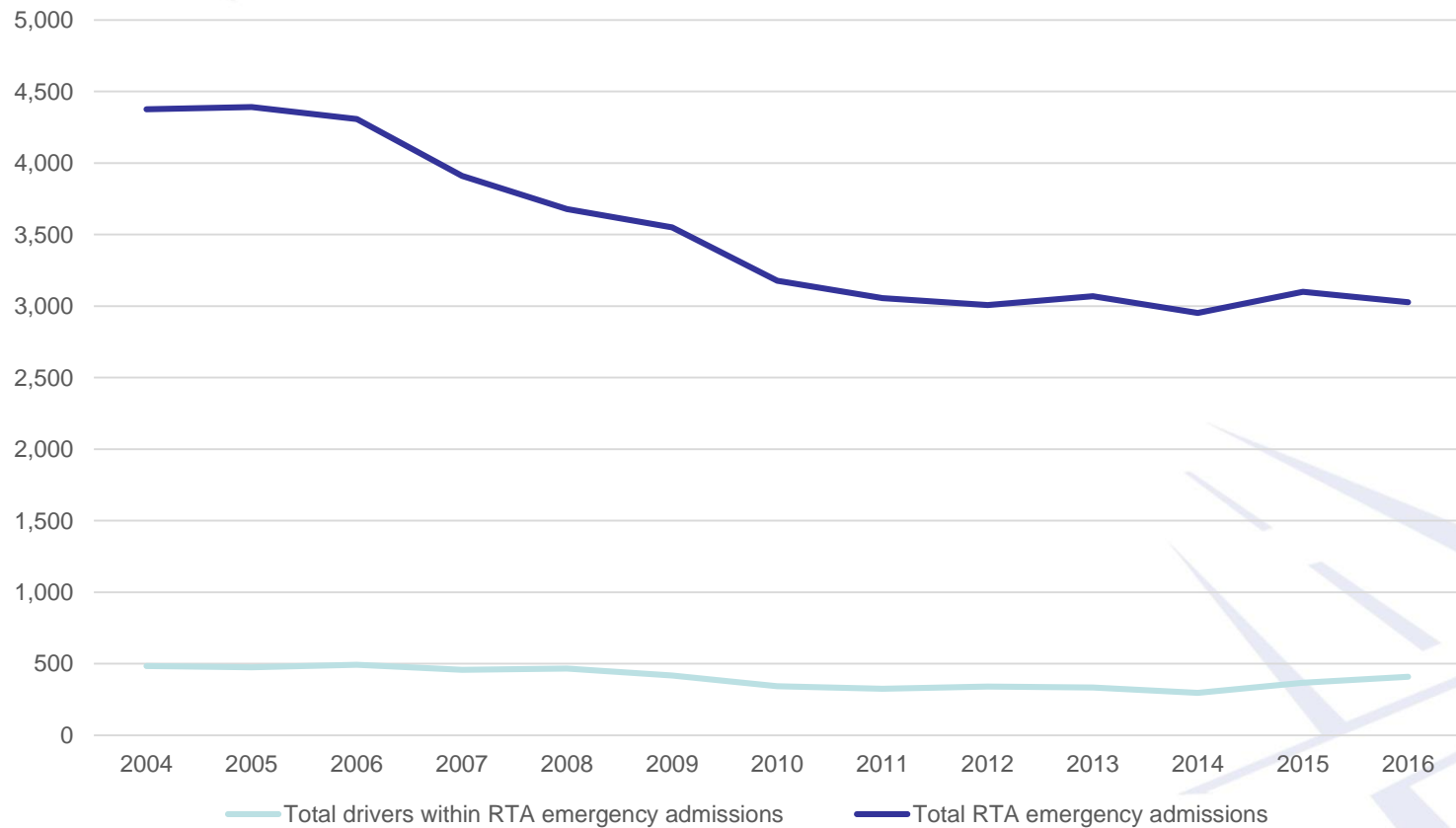
**Driver/rider errors or reactions: 65%**

**Travelling too fast for the conditions or excessive speed: 10%**

**Pedestrian only factors were reported in 18% of fatal accidents**

# Road Traffic Accidents emergency admissions

RTA emergency admissions



# Top diagnoses for Road Traffic Accidents

## Top 7 diagnoses (all ages), RTA admissions 2016/17

Diagnosis	Number of admissions	% of RTA admissions
FRACTURE OF LOWER LEG, INCLUDING ANKLE	301	10%
FRACTURE OF RIB(S), STERNUM AND THORACIC SPINE	229	8%
FRACTURE OF FOREARM	212	7%
FRACTURE OF SHOULDER AND UPPER ARM	199	7%
FRACTURE OF FEMUR	181	6%
FRACTURE OF LUMBAR SPINE AND PELVIS	169	6%
OPEN WOUND OF HEAD	162	5%

## Top five diagnoses, RTA admissions 2016/17

Aged 0-14	Aged 65+
FRACTURE OF LOWER LEG, INCLUDING ANKLE	FRACTURE OF RIB(S), STERNUM AND THORACIC SPINE
SUPERFICIAL INJURY OF HEAD	FRACTURE OF FEMUR
OTHER AND UNSPECIFIED INJURIES OF HEAD	FRACTURE OF LOWER LEG, INCLUDING ANKLE
OPEN WOUND OF HEAD	OPEN WOUND OF HEAD
FRACTURE OF FOREARM	FRACTURE OF LUMBAR SPINE AND PELVIS



# Work national level has done this year

- Encouragement



- Engagement





# Work national level has done this year



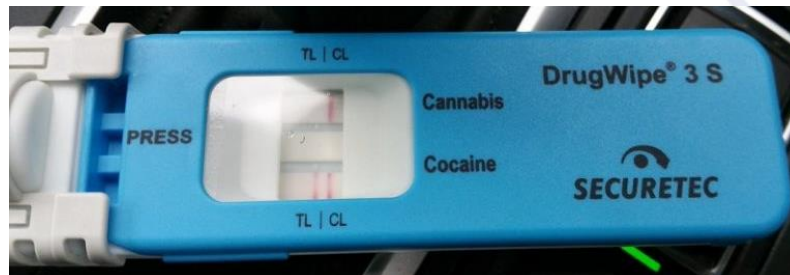
- Education



- Engineering



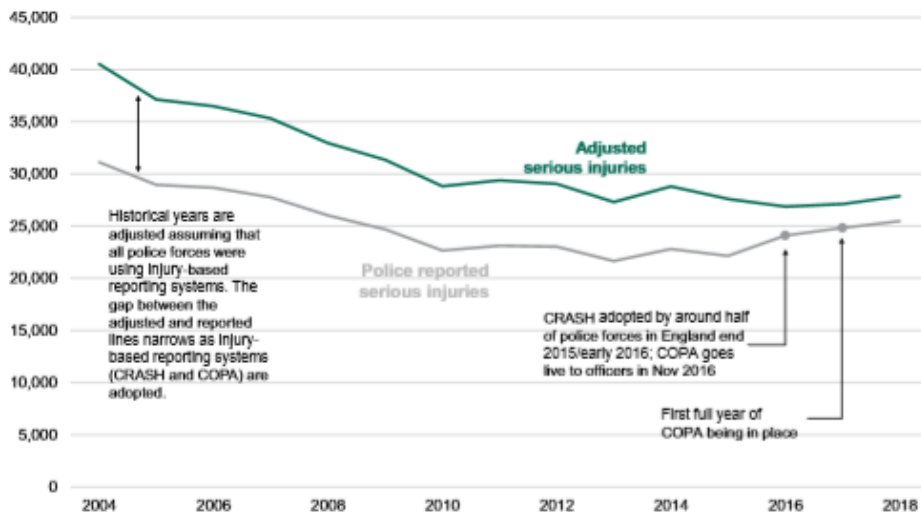
- Enforcement



# Other initiatives that will reduce the number of serious injuries

- New EU vehicle safety features.
- New Police Scotland CRASH system.

Chart 3: Serious injuries in reported road accidents (adjusted and



# Other initiatives that will reduce the number of serious injuries

- In-depth fatality study covering Scotland.
- Development of the next Framework to 2030.

