National Speed Management Review (NSMR) Gary Allan Beng(hons), Ceng, FICE Associate Director, WSP

4 March 2025

Road Safety Framework to 2030

"The Scottish Government is committed to improving road safety and our new Framework aims to halve road deaths by 2030 and achieve Vision Zero by 2050. Deaths or serious injuries on our road network are not an inevitability. Our strong belief, shared by Scotland's road safety partners, is that even one death on our roads is one too many."

Cabinet Secretary for Transport, Infrastructure and Connectivity Michael Matheson on 25th March 2021





50% reduction in people seriously injured



60% reduction in children (aged <16) seriously injured

National Speed Management Review

Autumn 2021 Road Safety Framework to 2030 published



Autumn 2021 – Summer 2023

WSP's Scotland Road Safety Experts undertook a National Speed Management Review

Autumn 2023 - 2024

Evaluation of options to improve Scotland, road safety performance



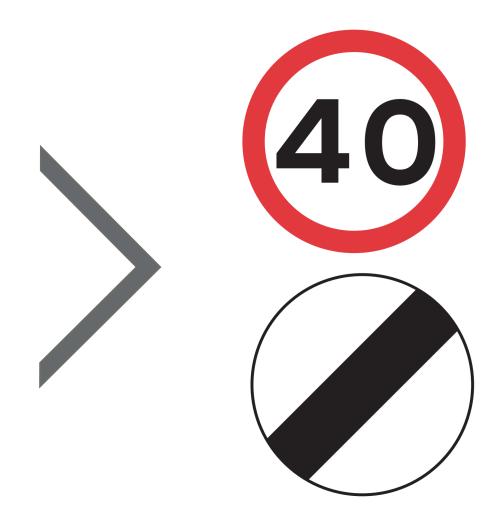




Winter/Spring 2025

Undertaking of consultation to substantiate changes to the National Speed Limits within Scotland

What is speed management?

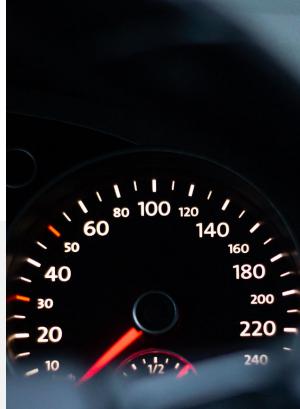




What is speed management?

"Speed Management is an active approach that requires (or persuades) drivers to adopt speeds that offer mobility without compromising safety."

Citation: Global Road Safety Partnership. Speed Management: A Road Safety Manual for Decision Makers and Practitioners (page 31). Published 2008.



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Safe System approach to road safety

Integral to the Road Safety Framework and the National Speed Management review is to reflect on the Safe System approach, of which, **three** are considered to be significantly linked to the successful delivery of national speed management:

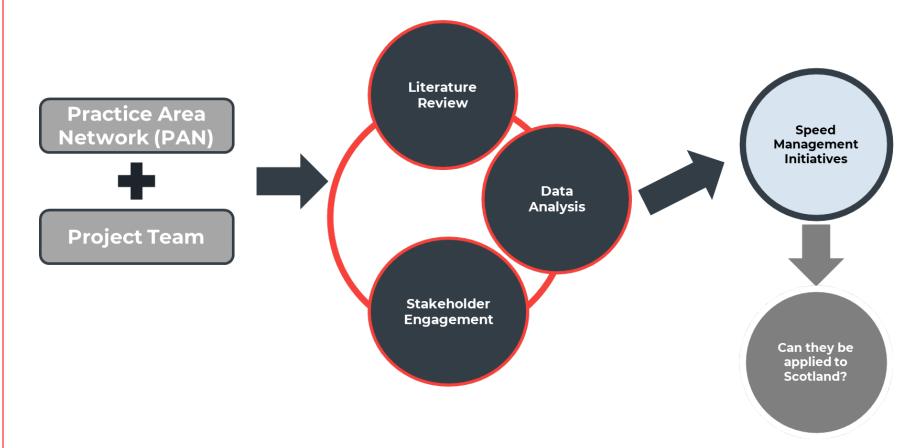
- Safe Speeds
- Safe Road Use
- Safe Roads and Roadsides
- Post-Crash Response
- Safe Vehicles



National Speed Management Review

WSP's research methodology

To undertake the review, WSP undertook a range of research activities aimed at understanding the current status of speed management in Scotland and global approaches being taken to speed management.

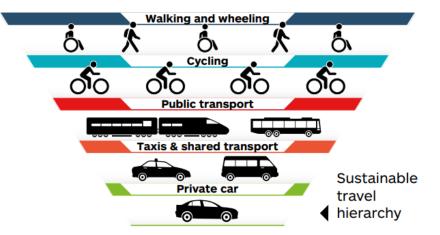


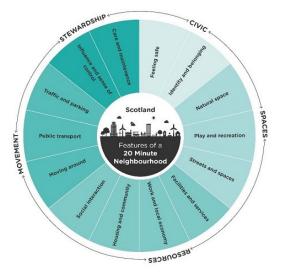
NSMR research key themes

| Speed limits on different road types (urban areas, rural single carriageways & motorways) | Speed limits for environmental improvements | Use of camera technology to promote speed management |
|---|---|--|
| Penalties for speed violations | Educational programmes | Credible speed limits |
| Driver segmentation | Biomechanical tolerances of the human body | Internationally proven link between speed and collision rates & casualty severity |

Speed management is linked to these areas:

- Active travel
- Climate change emergency
- 20 minute neighbourhoods
- Bus priority fund
- Road space allocation
- Emissions assessment
- Child poverty

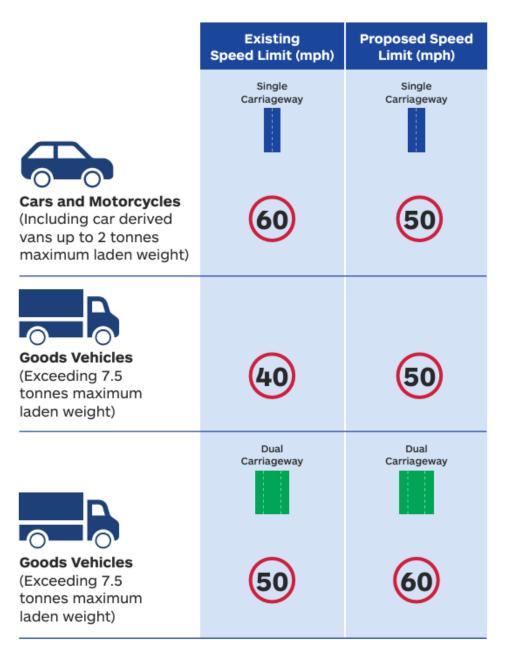






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Proposals being consulted until 5th March 2025



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Road Safety Performance in 2023



In 2023, the number of people **killed** on Scotland's roads was **155**.



This was the **fourth lowest annual figure**, and the second lowest recorded in a nonpandemic year.



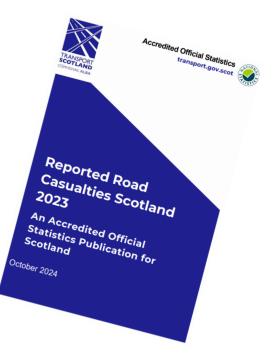
However, casualties of all other severities increased, and **total casualties rose by 3%** (from 5,643 to 5,829).



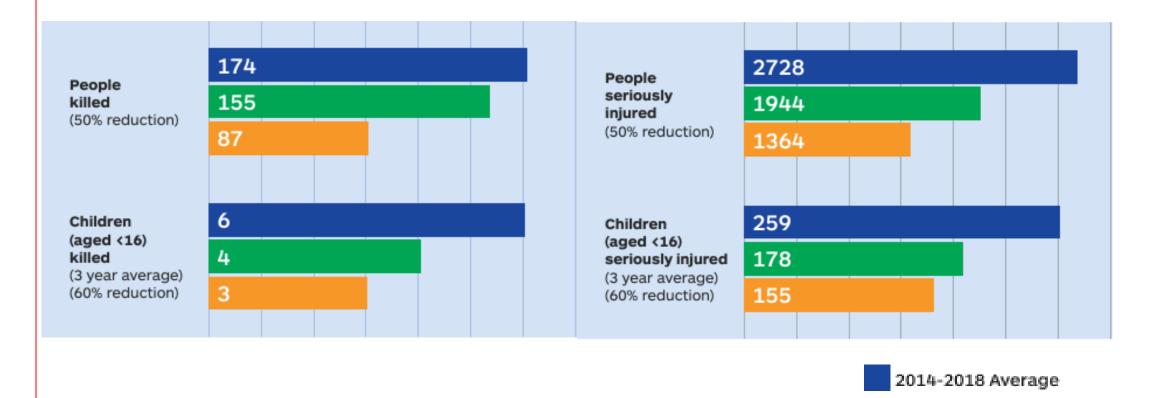
Serious casualties rose by 9% (from 1,783 to 1,944).

In 2023, on Scottish single carriageway roads with a national speed limit there were 77 fatalities and 677 serious injuries.

The number of fatalities in 2024 has significantly increased compared to 2023.



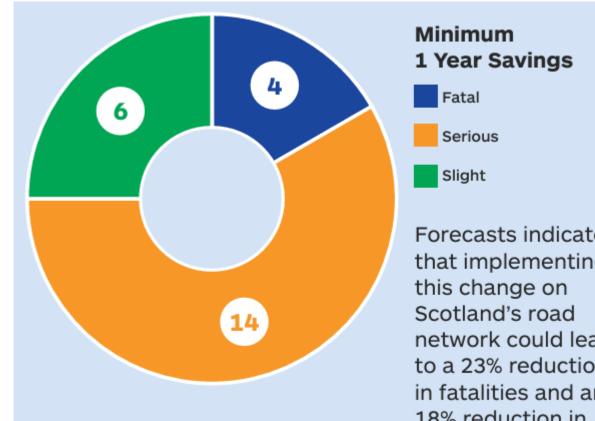
Road Safety Performance in 2023 v Framework Targets



2023

2030 Target

Collision and casualty savings from proposals



The proposed changes could lead to the prevention of more than 1,200 collisions that cause injury over a 60 year period.



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National Speed Management Review

Wider impacts of the proposals

Reduce driver frustration



Reduce journey times for goods vehicles

Negligible impacts envisaged on:

- Economic impacts
- Vehicle emissions
- Promoting active travel

National Speed Management Review

Implementation of the proposals and the Safe System to achieve success?



Next Steps

• Conclusion of the consultation period. The final date to respond to the consultation is 5 March 2025.

•Online: <u>www.transport.gov.scot/news/national-speed-management-review/</u>

•By email: roadsafety@transport.gov.scot

•By post: Road Safety Policy, Transport Scotland, 2F North, Victoria Quay, Edinburgh EH6 6QQ

- Spring 2025 review and analyse consultation responses
- Summer 2025 Scottish Ministers to consider next steps.



National Speed Management Review Update

Thank you

For further info please contact gary.allan@wsp.com

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