

Achieving "ZERO Traffic Injuries & Fatalities"

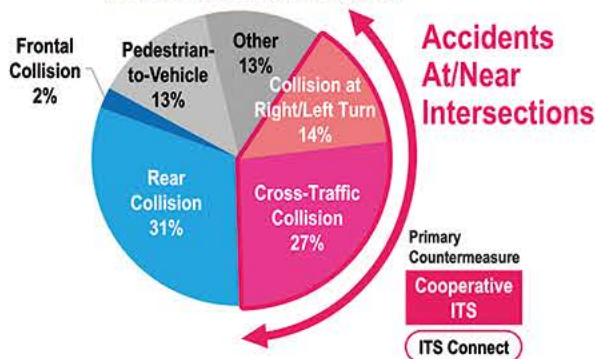
~ Commercializing ITS Connect & Empowering Autonomous Driving ~

Background

Approximately 40% of traffic accidents in Japan occur at and around intersections.



2023 Data on Accidents Resulting in Injury or Death
(Source: Japan National Police Agency)



Toyota's goal is *ZERO Traffic Injuries & Fatalities*

- Toward that end, we commercialized our ITS Connect System in 2015 to reduce accidents caused by missed signals or poor visibility at **intersections** – risks that are not fully preventable with onboard safety systems alone.
- We intend to prevent accidents among vehicles, pedestrians and other **vulnerable populations**.

Technologies & Services

Use dedicated ITS wireless communication to support safer driving, by providing traffic signal information and informing drivers of pedestrians and vehicles outside their visible range.

V2V Vehicle-to-Vehicle	Emergency Vehicle Notification	Communicating Radar Cruise Control	Crossing Collision Prevention	Right-Turn Collision Caution
V2I Vehicle-to-Infrastructure	Right-Turn Collision Caution	Red Light Caution	Signal Change Advisory	

(As of June 2024)

- ITS Connect Installations
450,000 vehicles total
- RSU Deployment
9 prefectures in Japan (114 units)

- **Equipped Models: 27** → Gradually Expanding to More Models.



Future Action

- Toyota's focus in the development of SDVs (Software-Defined Vehicles) is the realization of an even safer traffic society.
- Evolve ITS toward "A-ITS" through collaboration among people, mobility, and infrastructure to realize ZERO traffic accidents.

