

2nd meeting of WBRSO

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Role of the Traffic Safety Agency &
Importance of reliable data in Policy Making

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Mobility in Spain. An example, 2013



Population: 47.129.783
Tourists: 60.6 M
Public roads: > 660,000 km
Journeys on high-capacity
roads (ex C & BC):
365 M
Journeys (2007): 42.000 M

Drivers: 24.4 Million
New drivers: 387 thousand
Licence renewals: 3 M
Vehicles: 32.6 million
New veh.: 984 thousand
Veh. de-registrations: 1.2 Million



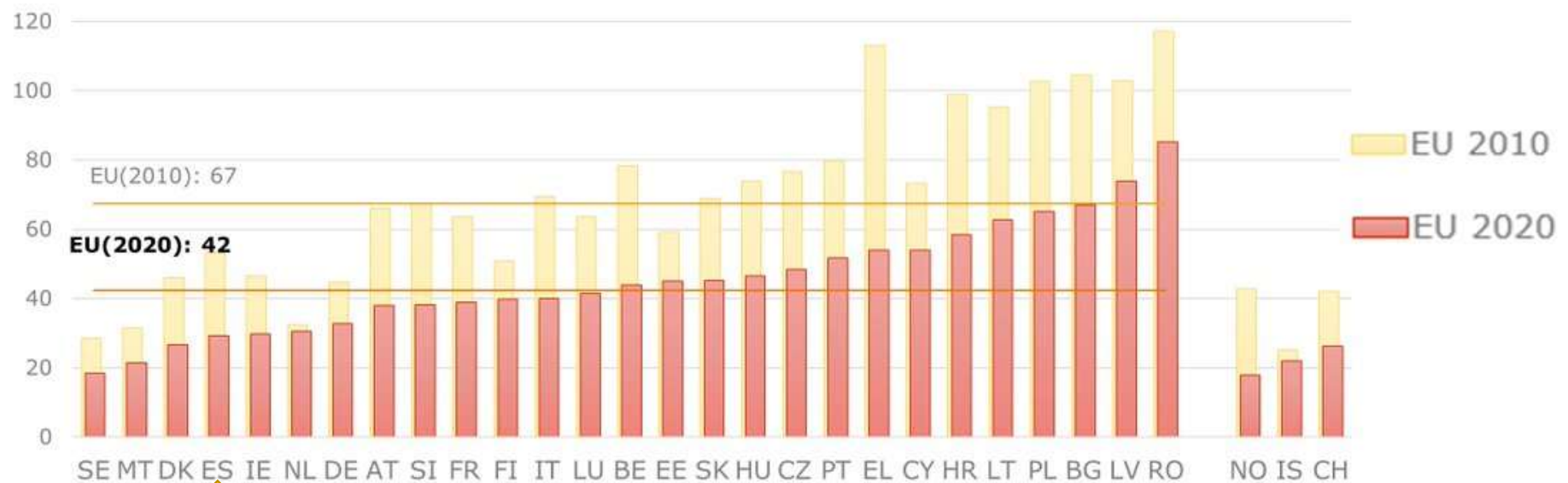
The political structure

- 8.116 municipalities
- 50 “Diputaciones”
- 17 Autonomous regions
(including Catalonia & Basque country)
- **1 Central Government** (DGT is within Ministry of Interior)
- 1 UE (27)



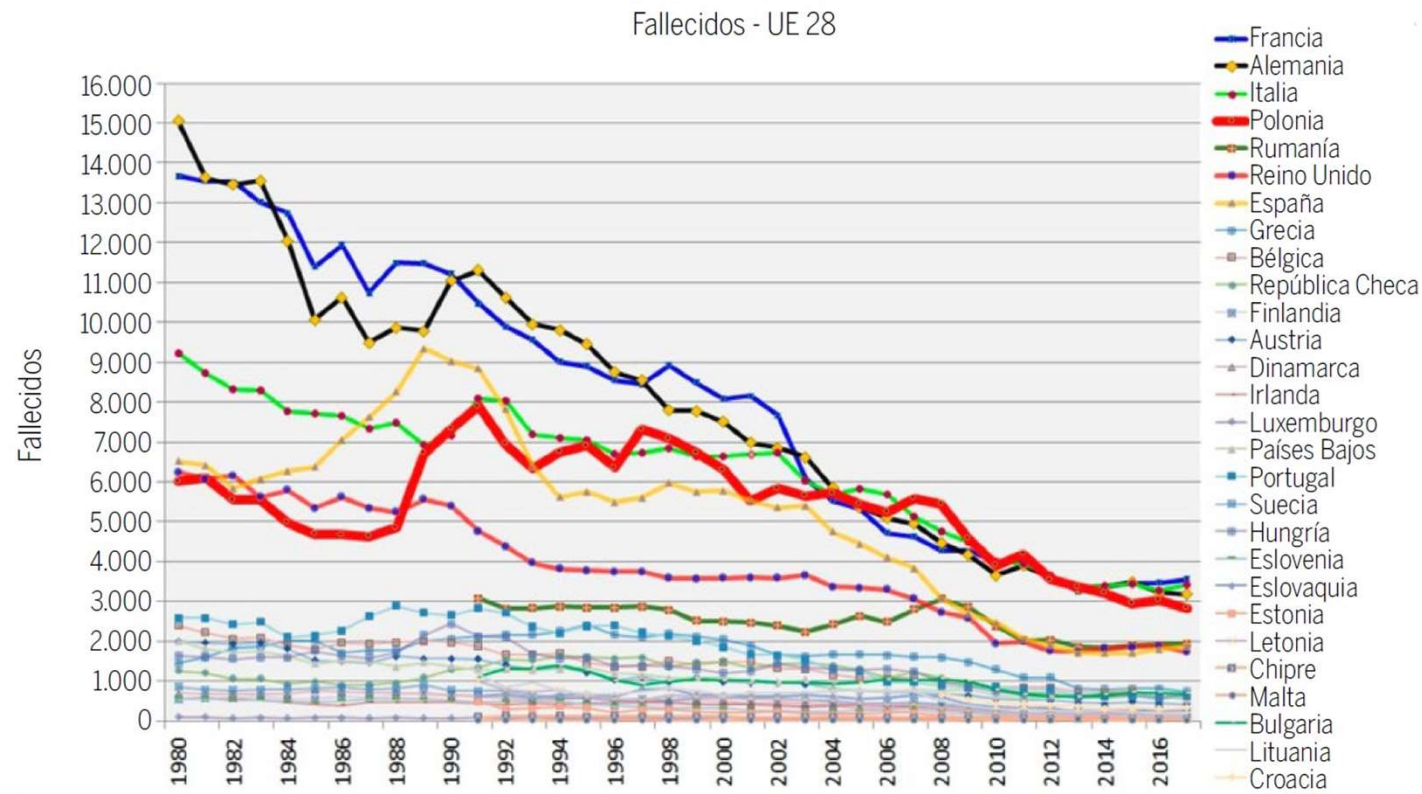
2020 EU ROAD SAFETY STATISTICS

Trend in road fatality numbers per million inhabitants by country



Source: CARE (EU database on road crashes)

Road fatality trends, by UE member (1990-2017)



Fuente: Jamroz, Budzunsky, Tomanowska et al., 2019 (accesible online <https://www.mdpi.com/2071-1050/11/4/959/htm>) [Consulta: 9 de enero de 2021]. Gráfico adaptado para este libro.



What is “Dirección General de Tráfico”? Since 1959

The responsibilities



Grant/renew/revogue driver licenses



Enact national laws and regulations on mobility and safety (e.g., circulation code)



Grant/revogue vehicle licenses



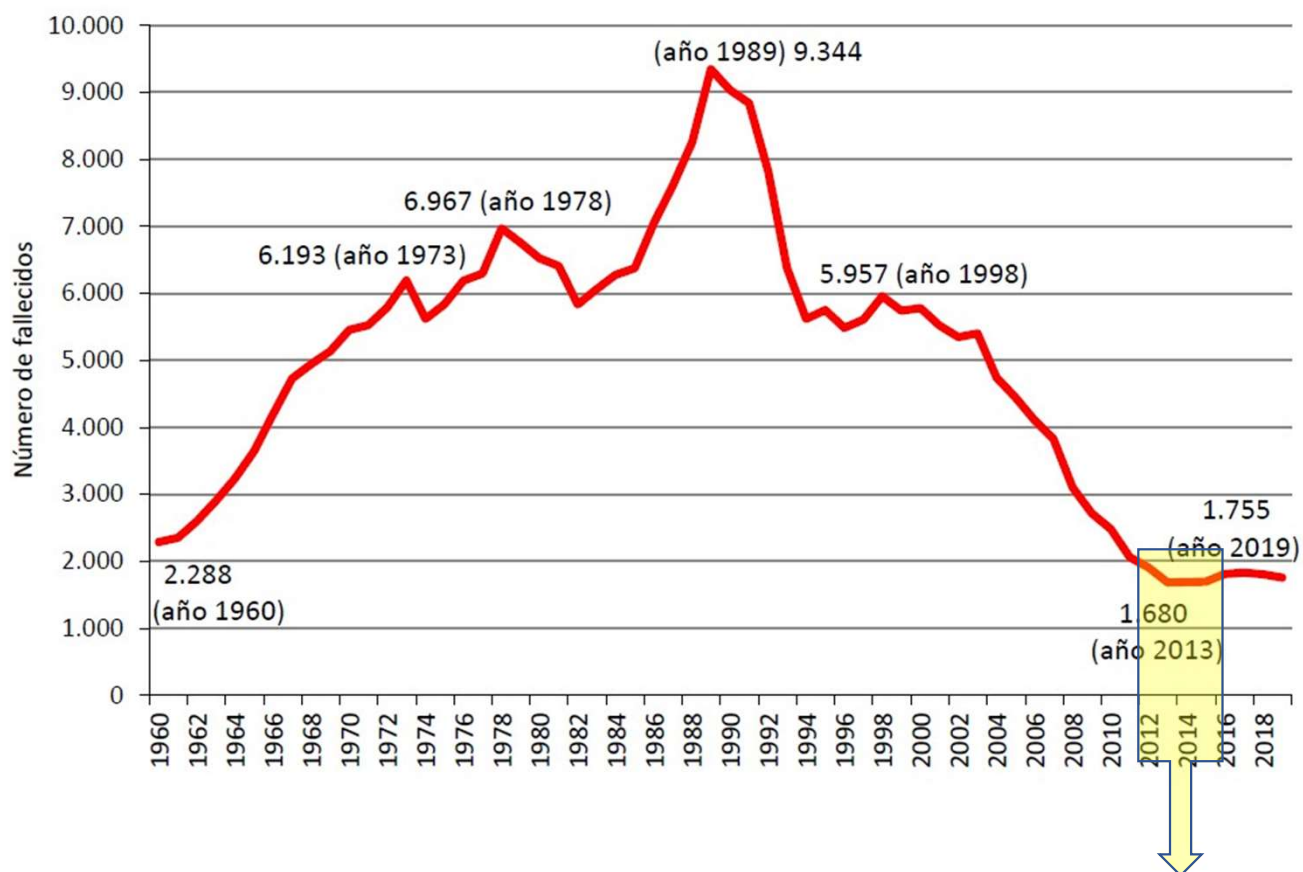
Monitor interurban roads

8000 of 20000 km of high capacity
+120000 km conventional

Non-responsibilities

- Enact Subregional or municipal laws or regulations
- Enforce traffic circulation code infractions in 3 subregions (Basque, Catalonia, Navarra) and any of the municipalities
- Build or maintain roads OF ANY KIND
- Perform vehicle technical inspections
- Evaluate vehicle suitability for market in the country
- Take 112 calls or provide any health care service
- ... There exist a Spanish National Road Safety Council, DGT holds secretariat

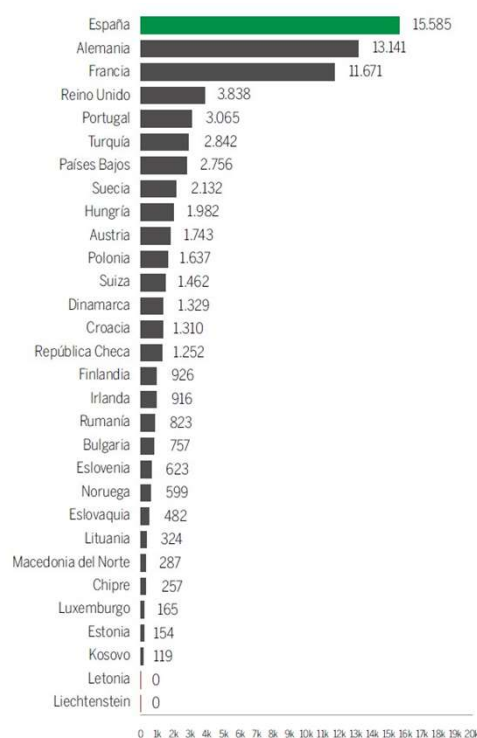
Road fatalities, Spain 1960-2019



Spain's accession to EU, 1986

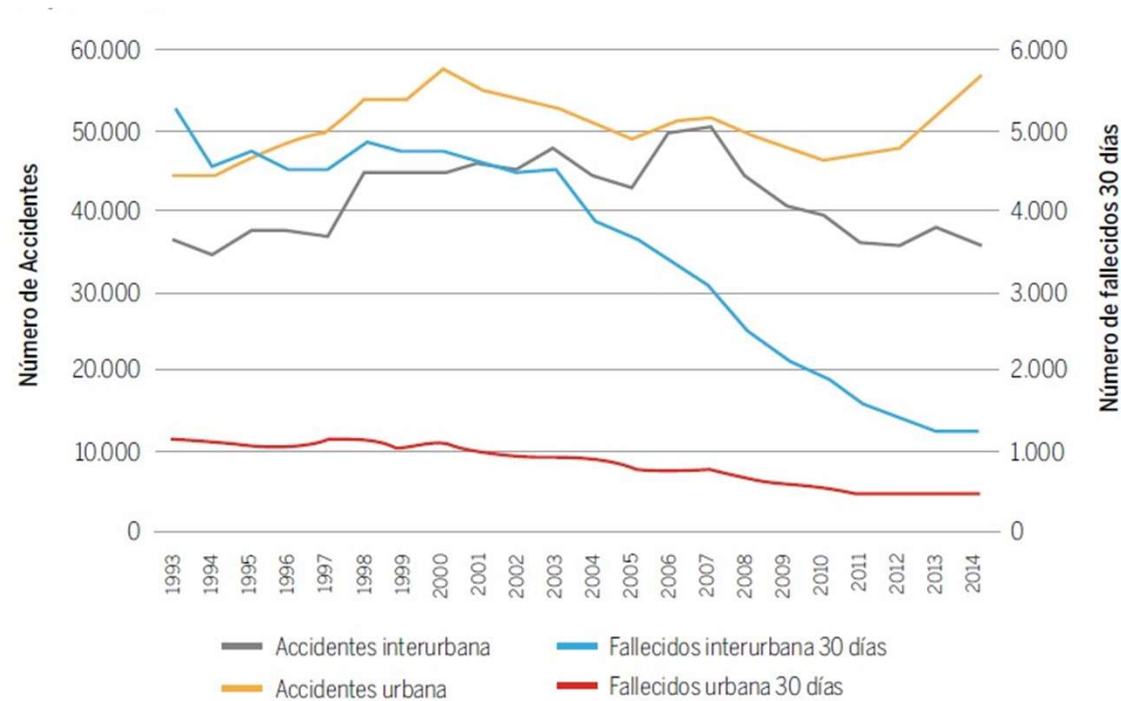


Length of high-speed roads, by EU member, 2018



Fuente: Eurostat. Disponible en: https://ec.europa.eu/eurostat/databrowser/view/road_if_motorwa/default/bar?lang=en [Consulta: 9 de enero de 2021]. Gráfico adaptado para este libro.

Fatal crashes and fatalities, by road type (1993-2014)



Fuente: Dirección General de Tráfico (2015): Principales cifras de siniestralidad, 2014. Madrid, España <https://revista.dgt.es/Galerias/noticia/nacional/2015/07JULIO/PRESENTACION-PRINCIPALES-CIFRAS-SINIESTRALIDAD-VIAL-2014.pdf> [Consulta: 9 de enero de 2021]. Gráfico adaptado para este libro.

Seeking out opportunities (Elvik, 2nd edition)

| | Actions | Actions that have proved to be effective | DGT does | DGT could do |
|---|----------------|---|-----------------|---------------------|
| 1. Road design and road equipment | 20 | 12 | 3 | 0 |
| 2. Road maintenance | 9 | 5 | 1 | 1 |
| 3. Traffic control | 22 | 13 | 1 | 2 |
| 4. Vehicle design and protective devices | 29 | 18 | 10 | 1 |
| 5. Vehicle and garage inspection | 4 | 1 | 0 | 1 |
| 6. Driver training and regulation of professional drivers | 12 | 5 | 2 | 1 |
| 7. Road safety education, information and campaigns | 3 | 2 | 2 | 0 |
| 8. Police enforcement and sanctions | 13 | 8 | 6 | 0 |
| 9. Post-accident care | 3 | 2 | 1 | 1 |
| 10. General instruments of road safety policies | 13 | 6 | 2 | 1 |
| Total | 128 | 72 | 28 | 9 |

Questions?

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