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Advancing
Free Trade for Asia-Pacific
Prosperity

Introduction on amendments to KMVSS for road safety

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Presented by
Republic of Korea

1. Introduction :

Overview of Korean road transport



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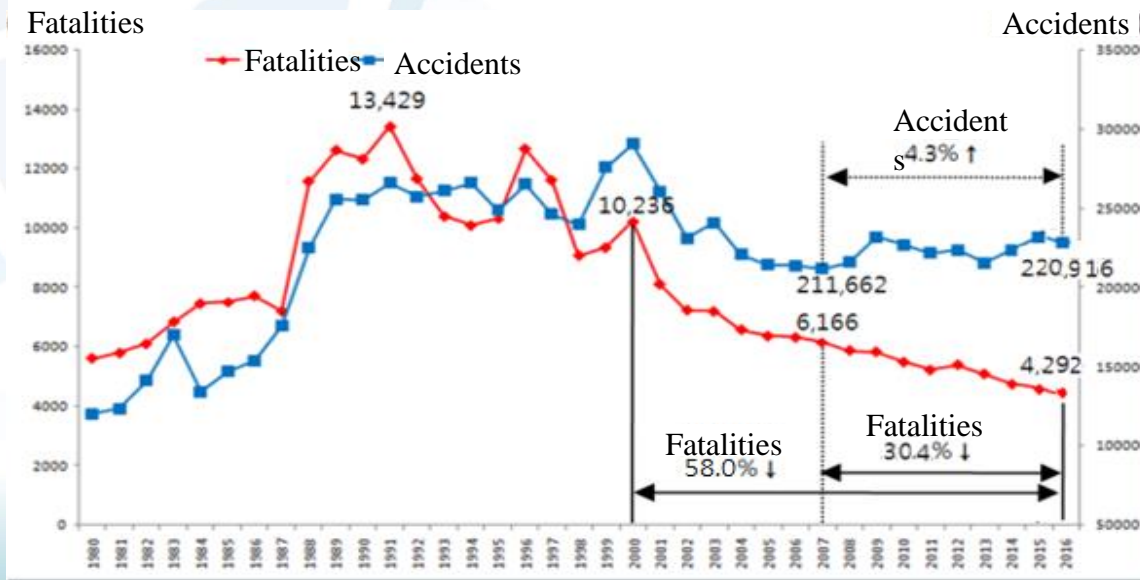
- Overview of Korean Road Transport
 - **Population** : 52.8 millions
 - **Drivers** : 31.2 millions (59.1%)
 - **Vehicle Registration** : 21.8 millions (2016)
 - * Increased 3.8% compared to the year of 2015
 - * 0.41 veh./population, 0.99 veh./house, 412.5 veh./1,000 people
 - **Roads**: 108,780 km (85.3% paved)
 - * Expressway : 4,438 km (operated by ITS)

1. Introduction : Statistics related to road safety



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- Road traffic accidents in Korea
 - **Road traffic accidents** : 220,916 / **Fatalities** : 4,292 (2016)
 - The number of road traffic accident fatalities was at the highest-peak in 1991 (13,429 people), and then it is decreasing continuously
 - A change of fatalities reduction ratio (▼ 20.4%, 1,100 people) is becoming slower during the last planning period (2012~2016)



2. Amendments to KMVSS for road safety in 2017



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Emergency Exit

- Harmonization with UN Regulation R107
 - Door : more than 2 or
 - 1 Door or 1 Emergency exit



- Applicable Vehicles : All passenger vehicles with 16 or more people
- Date of entry into force : New vehicles : July, 2019
Existing Vehicles : July, 2020

2. Amendments to KMVSS for road safety in 2017



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- **Mandatory installation of Speed limit device,
Strengthen light transmission requirement (more than 70%) of glazing in school bus**



<Speed limit device>



- **Installation Target : School bus**
- **Date of entry into force : 14. Nov. 2019**

2. Amendments to KMVSS for road safety in 2017



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AEBS & LDWS for heavy duty vehicles including bus

- **Traffic accidents caused by driving while drowsy in highway :**
Accidents 850 / Fatalities : 253 (2013~June.2016) : 29.8% of total accidents in highway
: Main Cause : Driving while drowsy > Speeding > No concentrate forward

- **Several serious accidents in highway in 2017**



- **Expand Installation Target :** All passenger vehicles with 11m or more
All commercial vehicles with above GVW 20 tons or more
- **Date of entry into force :** All passenger vehicles with 11m or more : New vehicle : Jan. , 2017
Existing vehicle : Jan., 2018
All commercial vehicles with above GVW 20 tons or more :
All vehicles : Jan., 2019



3. Plan to amend KMVSS for road safety in 2018



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Adaptive Driving Beam (ADB)

- Improving visibility for driver at night



<ADB>

- Installation Target : All vehicles (optional)
- Date of entry into force : 14.Nov. 2017

Safety devices for pedestrians at the rear

- Improving safety for pedestrians



or



or



<Rear warning devices>

- Mandatory Installation vehicle : All vehicles
- Date of entry into force : 1 year after publication



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Thank you very much ! !

