

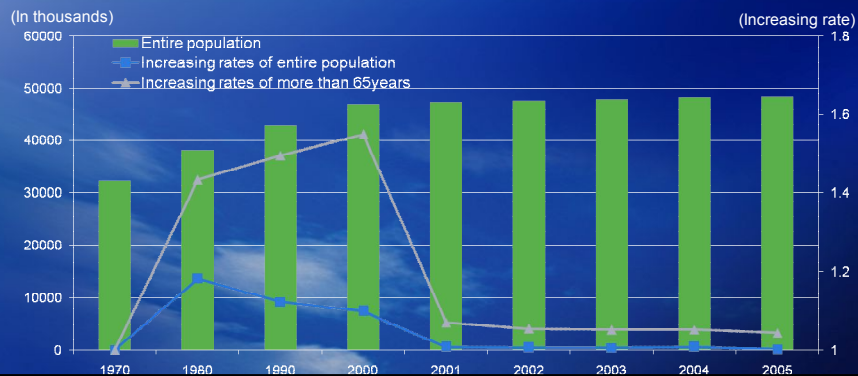
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# Road Traffic Environment

1

## Population

- The recent road traffic environment of Korea has changed in several aspects, particular noticeable is the drastic increase of the elderly population of 65 years or older of age

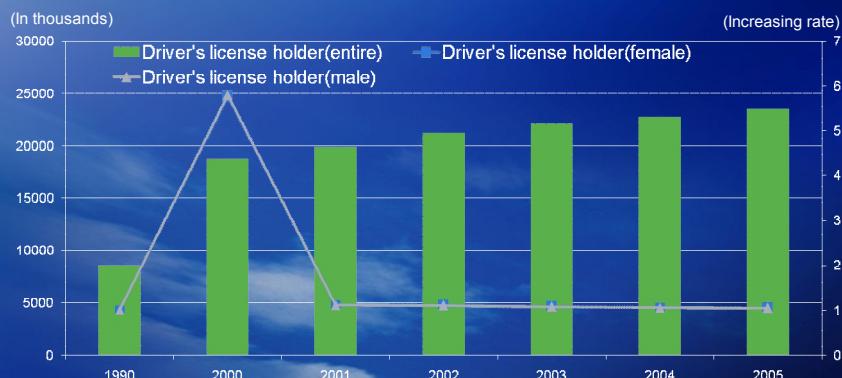


# Road Traffic Environment

2

## Driver's license holder

- The ratio of women driver's license holder among entire license holders has increased from 6.7% in 1980 to 37.3% in 2005

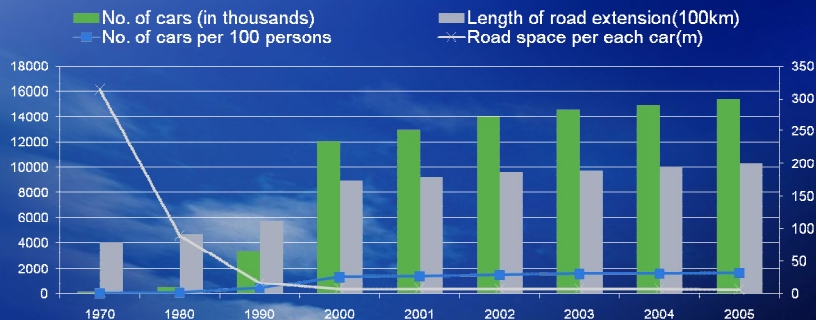


## Road Traffic Environment

3

### Increasing automobiles

- The number of automobile registered has been drastically increased and exceeded 15 million cars in 2005.
- The number of cars per 100 persons and the length of road extension are being increased, but the road space per car is being moderately declined



## Status of Road Accident

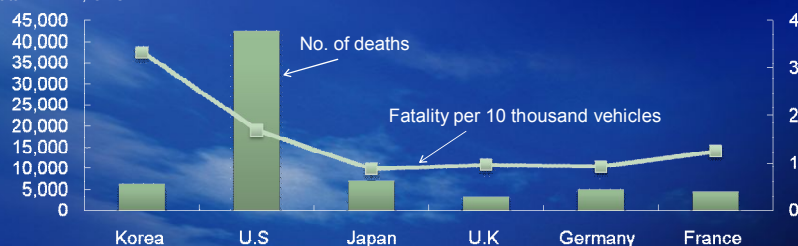
1

### Road Safety Level (Compare to developed Countries)

(2006)

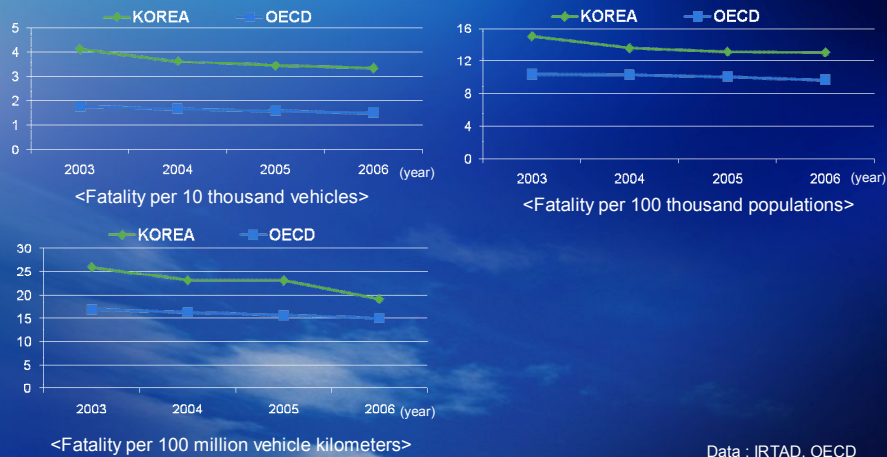
Item	Korea	U.S	Japan	U.K	Germany	France
No. of vehicle accidents	18,965	251,423	82,816	34,207	54,910	37,476
No. of deaths	6,327	42,642	7,272	3,298	5,091	4,709
Fatality per 10 thousand vehicles	3.34	1.70	0.88	0.96	0.93	1.26

Data : IRTAD, OECD



## Status of Road Accident

### 2 Road Safety Level (Compare to OECD)



## Status of Road Accident

### 3 Road accident by road types

(Road accident statics in 2007)

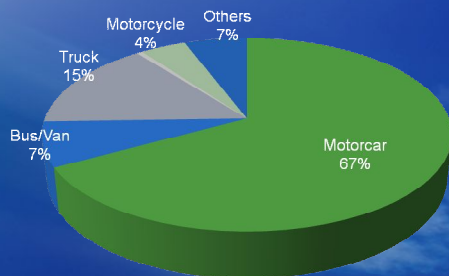
Road Type	No. of accident	Ratio	No. of fatal	Ratio of fatal	No. of injured	Ratio of injured
Total	211,662	100.0%	6,166	29.1%	335,906	158.7%
Express way	3,661	1.7%	420	11.5%	8,984	245.4%
National road	34,476	16.3%	1,819	5.3%	62,781	182.1%
Regional road	17,016	8.0%	917	5.4%	28,181	165.6%
City road (Metropolitan area)	87,980	41.6%	1,415	1.6%	131,931	150.0%
City road	65,555	31.0%	1,564	2.4%	99,875	152.4%
Other roads	2,974	1.4%	31	1.0%	4,151	139.6%



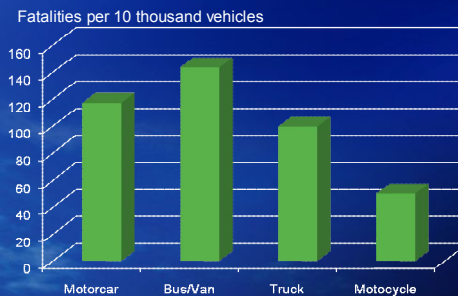
## Status of Road Accident

### 4 No. of road accident by vehicle types

- Of the total road accident in 2007, the majority was motorcar (67%) and truck(15%)
- The fatality per 10 thousand vehicles of bus/van represented 143.6, which is the highest fatality in vehicle types



<Rate of road accident by vehicle types, 2007>

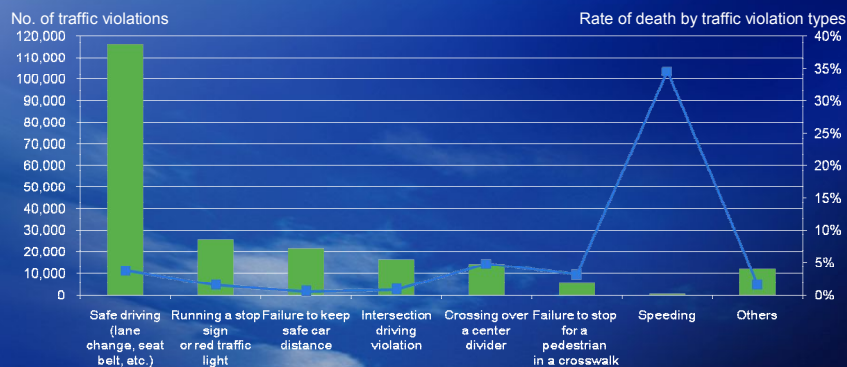


<Road accident fatality by vehicle types, 2007>

## Status of Road Accident

### 5 Traffic violation

- Of the total traffic violation, the majority was safe driving violation(54.8%) and traffic signal violation (12.1%)
- The speeding violation represented the highest rate of death by traffic violation

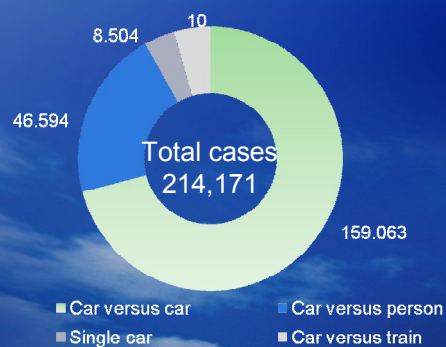


## Status of Road Accident

### 6 Current road accident issues

#### Increase of Car versus car accident

- In 2005, the Car versus car accidents reached 74,3% among entire accidents.



## Status of Road Accident

### 6 Current road accident issues

#### Increase of weekend accident

- There has been increase on Friday and weekend traffic accident with more people enjoying leisure activities due to expansion of 5 working days a week in work places

#### Increase of night time accident

- Recently, with the growing number of nighttime activities, accidents occur frequently in the late night from 10:00 P.M. to early morning hours

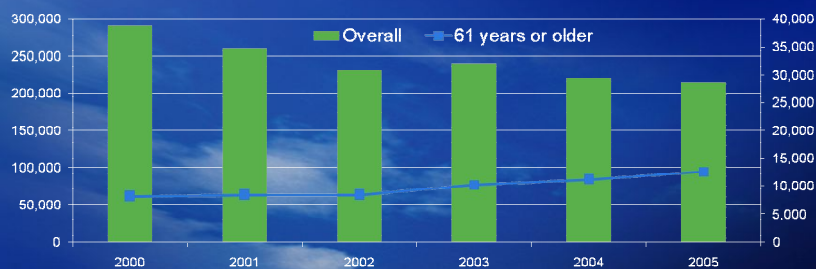
## Status of Road Accident

### 6 Current road accident issues

#### Increase of accidents by women driver, youth and the elderly

- Recently, with an increase of women drivers, the motorcycle and speed maniacs
- In addition, due to the drastic increase of elderly drivers

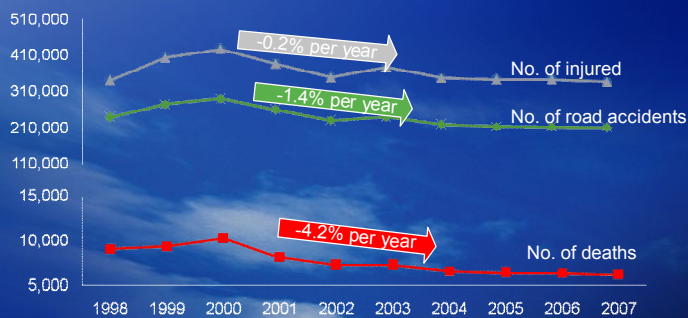
<No. of road accident in 2005>



## Status of Road Safety Policy

### 1 Trend of change in road accident

- Since '98,
  - No. of road accidents decrease 1.4% in every year
  - No. of deaths decrease 4.2% in every year
  - No. of injured decrease 0.2% in every year



## Status of Road Safety Policy

2

### Trend of change in road accident fatalities

- Since '98,
  - fatality per 10 thousand vehicles decrease 11.1% in every year
  - fatality per 100 thousand populations decrease 4.7% in every year
  - fatality per day decrease 4.2% in every year

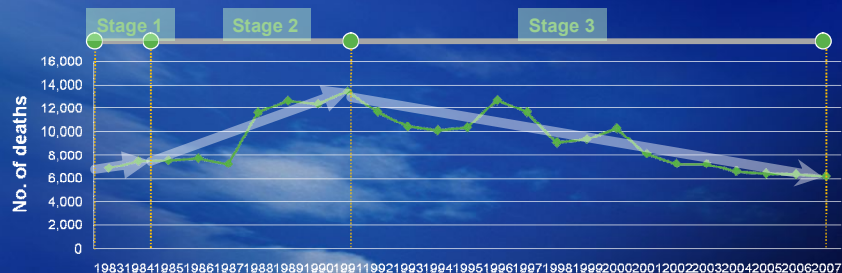


## Status of Road Safety Policy

3

### Three stages of road accident fatality

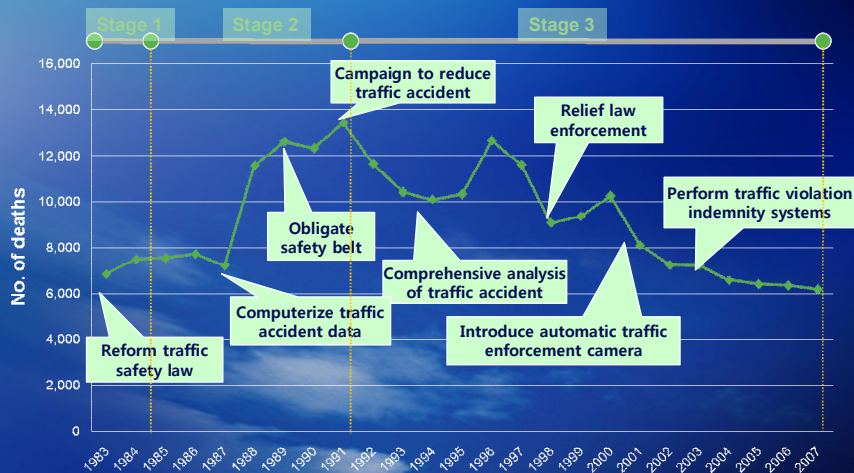
- Stage 1 (~1983) : Early stage of traffic safety management**
  - Establishment of traffic safety law and organization
- Stage 2 (1984~1991): Increasing stage of No. of road accident**
  - Especially, no. of death was increasing due to the rapid increase of car ownership and its accompanying congestion
- Stage 3 (1992~) : Decreasing stage of No. of road accident**
  - Strict traffic safety policy, traffic safety training, traffic safety campaign, etc.





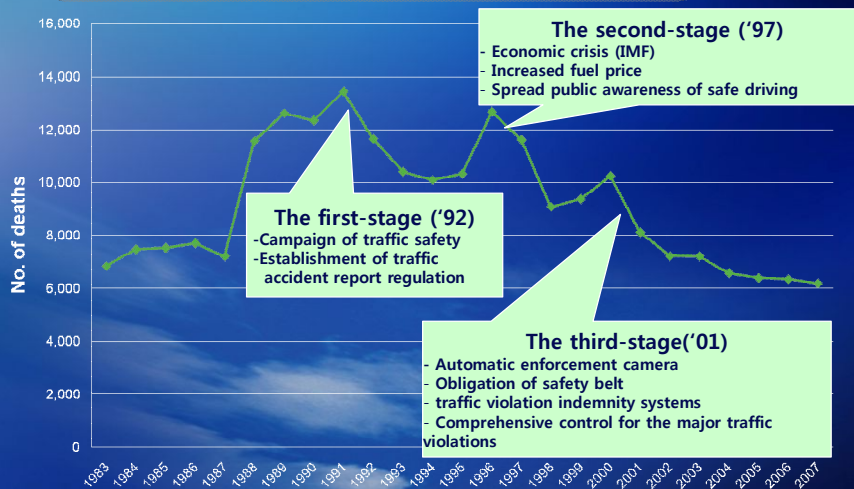
## Status of Road Safety Policy

### 4 The impacts of performing road safety policies



## Status of Road Safety Policy

### 5 Three stages of applying road safety policies



## Traffic Safety Master Plan

### 1 The sixth-long term master plan (2007~2011)

The purposes of the 6<sup>th</sup> long term traffic safety master plan

1. Reduce the fatality of 10 thousand vehicles to 1.9
2. Achieve to rank 17~19 of OECD in traffic safety level

## Traffic Safety Master Plan

### 2 Seven traffic safety strategies

7  
Strategies

1. Promotion of safe driving behavior
2. Promotion of traffic safety awareness
3. Supervising traffic safety facilities
4. Promotion of vehicle safety & enhancement of passenger protection
5. Promotion of road safety for child and elderly
6. Comprehensive analysis of traffic accidents and providing information
7. Promotion of emergency treatment

## Traffic Safety Master Plan

3

### Investment Plan by traffic sectors

- About 13.5trillion(won) will be invested to improve traffic safety  
About 7.4trillion(won) will be invested in the road safety sector
- Main investment project in road safety sector
  - Improvement of hazardous roads and intersections
  - Improvement of road safety facilities (signal, safety sign, center divider, etc.)
  - Road safety education program, etc.

Unit : million won

	Road	Train	Maritime	Aviation	Weather	Total
Investment	7,367,830	4,858,447	1,109,956	87,591	87,928	13,511,752
Rates	54.5%	36.0%	8.2%	0.6%	0.7%	100.0%

## Traffic Safety Master Plan

4

### Annual Investment Plan

Unit: million won

