Contents

I Outline of Present Situation

Title 1 Land Transport

Part 1 Road Transport

Chapter 1 Road Traffic Accident Trends 1 Long-Term Transition of Road Traffic Accidents 1 Road Traffic Accident Conditions During 2010 Overall Condition and Factors of Decrease in the Number of Fatalities Number of Road Fatalities and Injuries by Age Group Number of Road Fatalities and Injuries by Condition Number of Road Fatalities by Condition and Age Group Number of Fatalities by Seatbelt Use and Non-Use Number of Fatalities by Infant Car Seat Use and Non-Use Thapter 2 Overview of Current Road Traffic Safety Measures Improvement of Road Traffic Environment Improvement of People-First Walking Spaces Offering Safety and Security Application of the Intelligent Transport System Comprehensive Improvement of a Bicycle Usage Environment Development of road traffic environment to prepare for disaster Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly
2 Road Traffic Accident Conditions During 2010 Overall Condition and Factors of Decrease in the Number of Fatalities Number of Road Fatalities and Injuries by Age Group Number of Road Fatalities and Injuries by Condition Number of Road Fatalities by Condition and Age Group Number of Fatalities by Seatbelt Use and Non-Use Number of Fatalities by Infant Car Seat Use and Non-Use This interpretation of Fatalities by Infant Car Seat Use and Non-Use Chapter 2 Overview of Current Road Traffic Safety Measures Improvement of Road Traffic Environment Improvement of People-First Walking Spaces Offering Safety and Security Application of the Intelligent Transport System Comprehensive Improvement of a Bicycle Usage Environment Development of road traffic environment to prepare for disaster Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly
 Overall Condition and Factors of Decrease in the Number of Fatalities Number of Road Fatalities and Injuries by Age Group Number of Road Fatalities and Injuries by Condition Number of Road Fatalities by Condition and Age Group Number of Fatalities by Seatbelt Use and Non-Use Number of Fatalities by Infant Car Seat Use and Non-Use Number of Fatalities by Infant Car Seat Use and Non-Use Chapter 2 Overview of Current Road Traffic Safety Measures Improvement of Road Traffic Environment Improvement of People-First Walking Spaces Offering Safety and Security Application of the Intelligent Transport System Comprehensive Improvement of a Bicycle Usage Environment Development of road traffic environment to prepare for disaster Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly
 Number of Road Fatalities and Injuries by Age Group Number of Road Fatalities and Injuries by Condition Number of Road Fatalities by Condition and Age Group Number of Fatalities by Seatbelt Use and Non-Use Number of Fatalities by Infant Car Seat Use and Non-Use Number of Fatalities by Infant Car Seat Use and Non-Use Chapter 2 Overview of Current Road Traffic Safety Measures Improvement of Road Traffic Environment Improvement of People-First Walking Spaces Offering Safety and Security Application of the Intelligent Transport System Comprehensive Improvement of a Bicycle Usage Environment Development of road traffic environment to prepare for disaster Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly
 Number of Road Fatalities and Injuries by Condition Number of Road Fatalities by Condition and Age Group Number of Fatalities by Seatbelt Use and Non-Use Number of Fatalities by Infant Car Seat Use and Non-Use Number of Fatalities by Infant Car Seat Use and Non-Use Chapter 2 Overview of Current Road Traffic Safety Measures Improvement of Road Traffic Environment Improvement of People-First Walking Spaces Offering Safety and Security Application of the Intelligent Transport System Comprehensive Improvement of a Bicycle Usage Environment Development of road traffic environment to prepare for disaster Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly
 Number of Road Fatalities by Condition and Age Group Number of Fatalities by Seatbelt Use and Non-Use Number of Fatalities by Infant Car Seat Use and Non-Use Chapter 2 Overview of Current Road Traffic Safety Measures Improvement of Road Traffic Environment Improvement of People-First Walking Spaces Offering Safety and Security Application of the Intelligent Transport System Comprehensive Improvement of a Bicycle Usage Environment Development of road traffic environment to prepare for disaster Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly
 Number of Fatalities by Seatbelt Use and Non-Use Number of Fatalities by Infant Car Seat Use and Non-Use Chapter 2 Overview of Current Road Traffic Safety Measures Improvement of Road Traffic Environment Improvement of People-First Walking Spaces Offering Safety and Security Application of the Intelligent Transport System Comprehensive Improvement of a Bicycle Usage Environment Development of road traffic environment to prepare for disaster Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly
 Number of Fatalities by Infant Car Seat Use and Non-Use Chapter 2 Overview of Current Road Traffic Safety Measures Improvement of Road Traffic Environment Improvement of People-First Walking Spaces Offering Safety and Security Application of the Intelligent Transport System Comprehensive Improvement of a Bicycle Usage Environment Development of road traffic environment to prepare for disaster Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly
Chapter 2 Overview of Current Road Traffic Safety Measures 1 Improvement of Road Traffic Environment
1 Improvement of Road Traffic Environment o Improvement of People-First Walking Spaces Offering Safety and Security Application of the Intelligent Transport System Comprehensive Improvement of a Bicycle Usage Environment Development of road traffic environment to prepare for disaster Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly
 Improvement of People-First Walking Spaces Offering Safety and Security Application of the Intelligent Transport System Comprehensive Improvement of a Bicycle Usage Environment Development of road traffic environment to prepare for disaster Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly
 Application of the Intelligent Transport System Comprehensive Improvement of a Bicycle Usage Environment Development of road traffic environment to prepare for disaster Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly
 Application of the Intelligent Transport System Comprehensive Improvement of a Bicycle Usage Environment Development of road traffic environment to prepare for disaster Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly
 Comprehensive Improvement of a Bicycle Usage Environment Development of road traffic environment to prepare for disaster Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly
 Development of road traffic environment to prepare for disaster Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly
 2 Dissemination and Reinforcement of Traffic Safety Promotion of Traffic Safety Education for the Elderly 9
 Promotion of Traffic Safety Education for the Elderly
 Promotion of the Safe Usage of Bicycles
3 Ensuring Safe Driving 9
 Augmentation for Better and More Effective Measures for Elderly Drivers
 Augmentation of Supervision for auto transport companies etc.
4 77 1 77 1 1 1 0 0 1 1 5
5 Improvement of Rescue and Emergency Medical Systems 10
o Promotion of the "Doctor-Helicopter Business" 10
 Augmentation of Fire Departments and Collaborative Systems for Medical Agencies
Topics
• Efforts for maximum speed limit on residential roads 11
 Nationwide deployment of ITS spot services
• Field survey on European bicycle traffic and the results the national questionnaire 14
Part 2 Railway Transport
Chapter 1 Railway Traffic Accident Trends
1 Operating Accidents over Recent Years 16
Chapter 2 Overview of Current Railway Traffic Safety Measures
1 Improvement of Railway Environment 17
 Improving Operational Safety Devices
 Strengthening of the Earthquake Resistance of Railway Structures

2 Ensuring the Safe Operation of Railways	17
o Improvement of Educational Programs for Train Crews and Safety Specialists; Enhancin	g
the Basic Competence of Personnel	17
o Improvement of the Management of Train Operations and Crews, etc.	17
o Implementation of Operating Safety Auditing of Railway Companies, etc.	17
Topic	
• Safety Measures on Platforms	18
Title 2 Maritime Transport	
Chapter 1 Maritime Accident Trends	
1 Maritime Accidents and Rescues During 2011	19
2 Major Constituents of Maritime Accidents and Rescues during 2010, Including Pleasure	
Boats	19
Chapter 2 Current Maritime Traffic Safety Measures	
1 Improvement of Maritime Traffic Environment	20
 Improvement of Traffic Safety Facilities 	20
2 Dissemination of Knowledge Regarding Maritime Transport Safety	20
o Spreading of the Principle of Prevention	20
3 Ensuring Safe Operation of Boats and Ships	20
 Strengthening of Supervision for Passenger Ship Operators 	20
 Implementation of the Transport Safety Management System 	20
4 Augmentation of Safety Measures for Small Vessels, etc.	20
o Promotion of Safety Measures for Pleasure Boats	20
Topic	
ullet Measures to prevent the recurrence of ferry large inclination accidents, as the overturned	
ferry grounding accident in Kumano-nada in Mie Prefecture	21
Title 3 Air Transport	
Chapter 1 Air Traffic Accident Trends	
1 Air Traffic Accidents in Recent Years	22
2 Mishaps Involving Air Traffic Safety During 2010	$\frac{-}{22}$
Safety Issues Involving Air Carriers	22
Chapter 2 Overview of Current Air Traffic Safety Measures	
1 Ensuring Safe Operation of Aircraft	23
o Promotion of Preventive Safety Measures	23
o Safety Measures towards Air Carriers etc.	23
o Measures Against Runway Incursion	23
2 Ensuring Aircraft Safety	23
o Improvement of Technical Standards of Maintenance and Examination of Aircraft	23

Special Feature

Ninth Fundamental Traffic Safety Program	24
The Future Direction of Road Traffic Safety Measures	
-From the Ninth Fundamental Traffic Safety Program-	26
The Future Direction of Railway Traffic Safety Measures	
-From the Ninth Fundamental Traffic Safety Program-	31
The Future Direction of Level Crossings Traffic Safety Measures	
-From the Ninth Fundamental Traffic Safety Program-	32
The Future Direction of Maritime Traffic Safety Measures	
-From the Ninth Fundamental Traffic Safety Program-	33
The Future Direction of Air Traffic Safety Measures	
-From the Ninth Fundamental Traffic Safety Program-	35
II Outline of the Plan	
Title 1 Measures Regarding the Safety of Land T	ransport
Chapter 1 Measures Regarding Road Transport Safety	
1 Improvement of Road Traffic Environment	37
2 Ensuring dissemination of road safety concepts	37
3 Ensuring Safe Driving	37
4 Ensuring Vehicle Safety	38
5 Improvement of Rescue and Emergency Medical System	38
Chapter 2 Measures Regarding Railway Transport Safety	
1 Improvement of Railway Environment	39
2 Ensuring the Safe Operations of Railways	39
2 Ensuring the Safe Operations of Ivanways	00
Title 2 Measures Regarding Maritime Transport	t Safety
1 Improvement of Maritime Traffic Environment	40
2 Ensuring Safe Operations of Vessels	40
3 Improvement of Safety Measures for Small Vessels	40
o improvement of parety measures for small vessels	40
Title 3 Measures Regarding Air Transport Sa	afety
1 Commission to a Commission Cofee Mr.	4-4
1 Conversion to a Comprehensive Safety Management	41
2 Ensuring Safe Operation of Aircraft 2 Ensuring Aircraft Safety	41
3 Ensuring Aircraft Safety	41

[Remarks]

- 1 The smaller units for numbers provided in the charts are in principle rounded off. Therefore, there could be cases when the total number does not exactly match the sum of the breakdown of the numbers.
- 2 The number of road traffic fatalities, if not otherwise mentioned, refers to the number of deaths within 24 hours.