



Nemzeti  
Közlekedési  
Hatóság

HUNGARIAN NATIONAL SAFETY AUTHORITY

ANNUAL REPORT

2006.



NATIONAL TRANSPORT AUTHORITY  
DIRECTORATE OF HIGH PRIORITY AFFAIRES  
DEPARTMENT FOR RAILWAY PROCEEDINGS

BUDAPEST, 19 NOVEMBER 2007

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# HUNGARIAN NATIONAL SAFETY AUTHORITY

## ANNUAL REPORT

2006.

### CONTENTS

A. SCOPE OF THE REPORT .....	3
B. INTRODUCTORY SECTION .....	4
1. INTRODUCTION TO THE REPORT .....	4
2. RAILWAY STRUCTURE INFORMATION .....	4
3. LIST OF RAILWAY UNDERTAKINGS AND INFRASTRUCTURE MANAGERS .....	5
4. SUMMARY – GENERAL TREND .....	5
5. THE SAFETY DIRECTIVE - STAGE OF IMPLEMENTATION.....	5
C. ORGANISATION.....	6
1. INTRODUCTION TO THE ORGANISATION.....	6
2. ORGANISATIONAL FLOW – RELATIONSHIP .....	9
D. THE DEVELOPMENT OF RAILWAY SAFETY.....	9
1. INITIATIVES TO MAINTAIN/IMPROVE SAFETY PERFORMANCES .....	9
2. DETAILED DATA TREND ANALYSIS .....	10
E. IMPORTANT CHANGES IN LEGISLATION AND REGULATION.....	10
F. THE DEVELOPMENT OF SAFETY CERTIFICATION AND AUTHORISATION .....	10
G. SUPERVISION OF RAILWAY UNDERTAKINGS AND INFRASTRUCTURE MANAGERS .....	11
H. CONCLUSIONS – PRIORITIES – RESULTS OF SAFETY RECOMMENDATIONS .....	11
I. ANNEXES .....	11
ANNEX A: RAILWAY STRUCTURE INFORMATION .....	12
1. INFRASTRUCTURE MANAGER(S) .....	12
2. RAILWAY UNDERTAKING(S).....	12
ANNEX B: ORGANISATION CHART(S) OF THE NATIONAL SAFETY AUTHORITY .....	14
ANNEX C: CSIS DATA – DEFINITIONS APPLIED .....	15
ANNEX D: IMPORTANT CHANGES IN LEGISLATION AND REGULATION .....	16
ANNEX E: THE DEVELOPMENT OF SAFETY CERTIFICATION AND AUTHORISATION – NUMERICAL DATA .....	18

## A. SCOPE OF THE REPORT

The government has established the unified National Transport Authority from more transport organisations on the 1st January 2007 with national jurisdiction, operating under the direct governance of the Minister of Transport and Economy to carry out authority tasks in connection with road, railway transport, shipping and aviation. The authority is a self-managed central budgetary institution.

The basic activity of the authority is general public administration; it caters for the following first instance and second instance tasks, which are referred into its scope of duties and authority by the law:

- road transport authority tasks,
- air transport authority tasks,
- railway transport authority tasks,
- shipping authority tasks.

The organisation of the Hungarian NSA working in the National Transport Authority as the Directorate of High Priority Affaires Department for Railway Proceedings.

The tasks of the railway transport authority are as follows:

- authorisation of infrastructure,
- authorisation of railway vehicles and loading equipment,
- issuing of safety certification and authorisation

Specific fields of activity

- road transport,
- railways
- shipping
- training, testing
- aviation



## **B. INTRODUCTORY SECTION**

### **1. Introduction to the report**

The predecessor of the National Transport Authority Railway Authority Department was established in 1984. Its present tasks are as follows:

- authorisation of infrastructure projects including their operation in the national, regional and local public transport,
- authorising the placing in operation of railway vehicles and the different types thereof,
- authorising the building and operation of railway loading and hauling equipment,
- issuing safety certifications and authorisations,
- supervision of RUs and IMs

### **2. Railway Structure Information**

#### **Network map of Hungary**



### 3. List of Railway Undertakings and Infrastructure Managers

The following Railway Undertakings and Infrastructure Managers were in operation in Hungary 2006:

- MÁV ZRt,
- GySEV ZRt,
- Floyd ZRt,
- MMV ZRt,
- CER ZRt,
- MÁV Cargo ZRt,
- MÁV Hajdú Vasútépítő Kft,
- Mátrai Erőmű ZRt,
- TRAIN Hungary Kft

The data of the RUs and IMs see in ANNEX A. The missing data of the tables are not available due to the legislation in 2006 because we issued safety certifications according to Article 10 of Directive 2004/49/EC only from 1 January 2007 in Hungary.

### 4. Summary – General Trend

2006 is a transitional year in Hungary because a new railway act entered into force. According to this law the issuing of safety certification and authorisation was not mandatory in Hungary in 2006. At that time the operational permission included - in line with Directive 2001/14/EC - the safety and technical supervision of the railway companies.

### 5. The Safety Directive - Stage of implementation

The Railway Act Nr. CLXXXIII of 2005 entered into force on 1 January 2006. The National Transport Authority, National Investigation Body and the Hungarian Rail Office were established in 2006.

Detailed rules of the railway transport are regulated in ministerial decrees. In 2006 these were as follows:

- decree on the investigation rules of significant accidents: 7/2006.(II.27.) GKM
- decree on the conditions of issuing railway certificates and authorisations: 40/2006.(VI.26.) GKM
- decree on the conditions of issuing operational permissions for railway companies: 45/2006.(VII.11.) GKM

The basic legal regulation concerning the Hungarian railway transport has already been established, but the subsidiary and detailed national regulations are being prepared with a deadline of year's end 2008.

## **C. ORGANISATION**

### **1. Introduction to the organisation**

The National Transport Authority was established on the basis of Government Decree Nr. 263/2006.(XII.20.).

The assignments of the railway authority are as follows:

- issuing lawful decisions in authorisation processes,
- client friendly administration,
- development of railway safety by effective supervision.

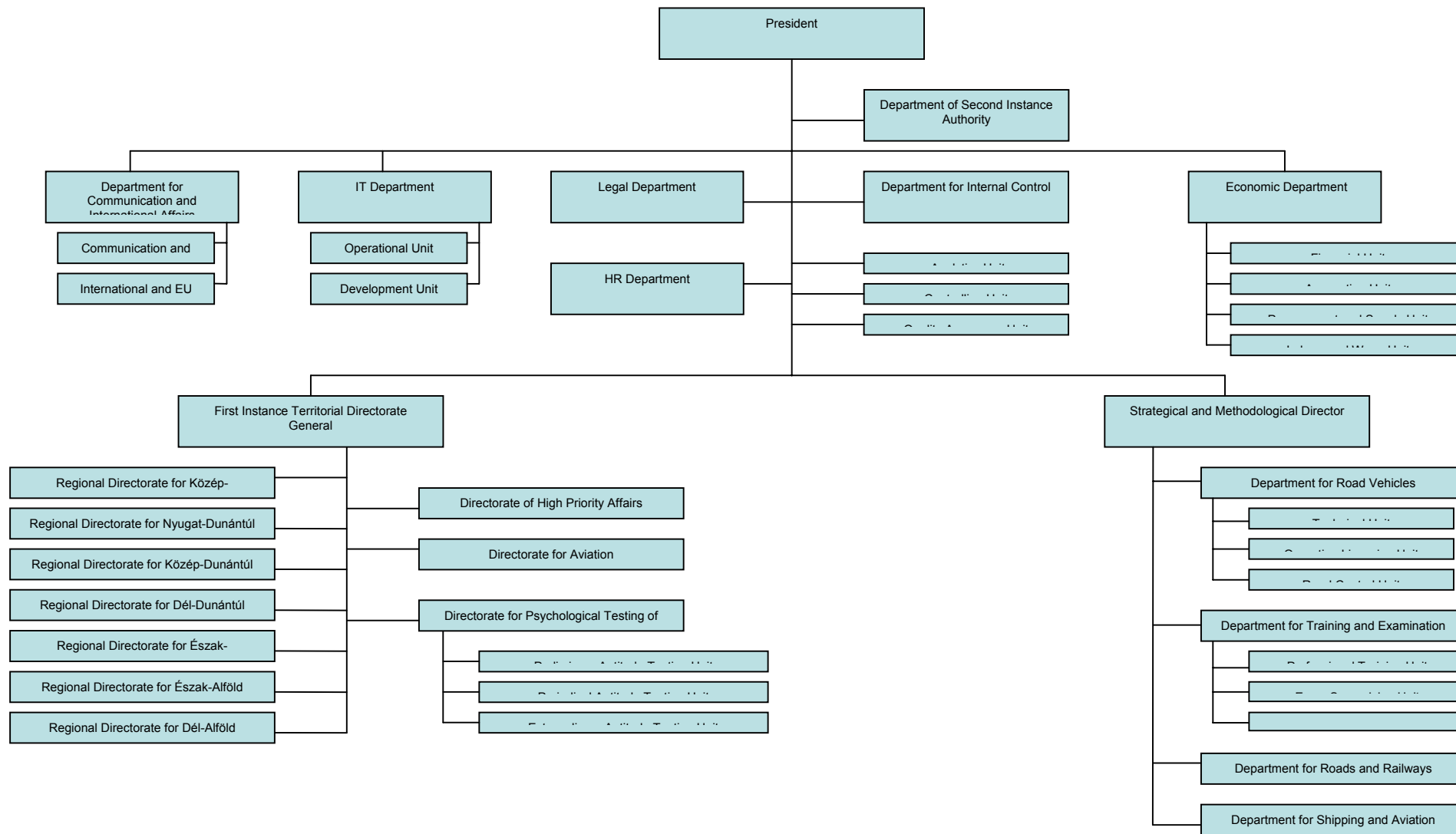
Number of staff on railway affaires in 2006: 24

Number of acts and decrees concerning the railway activity:

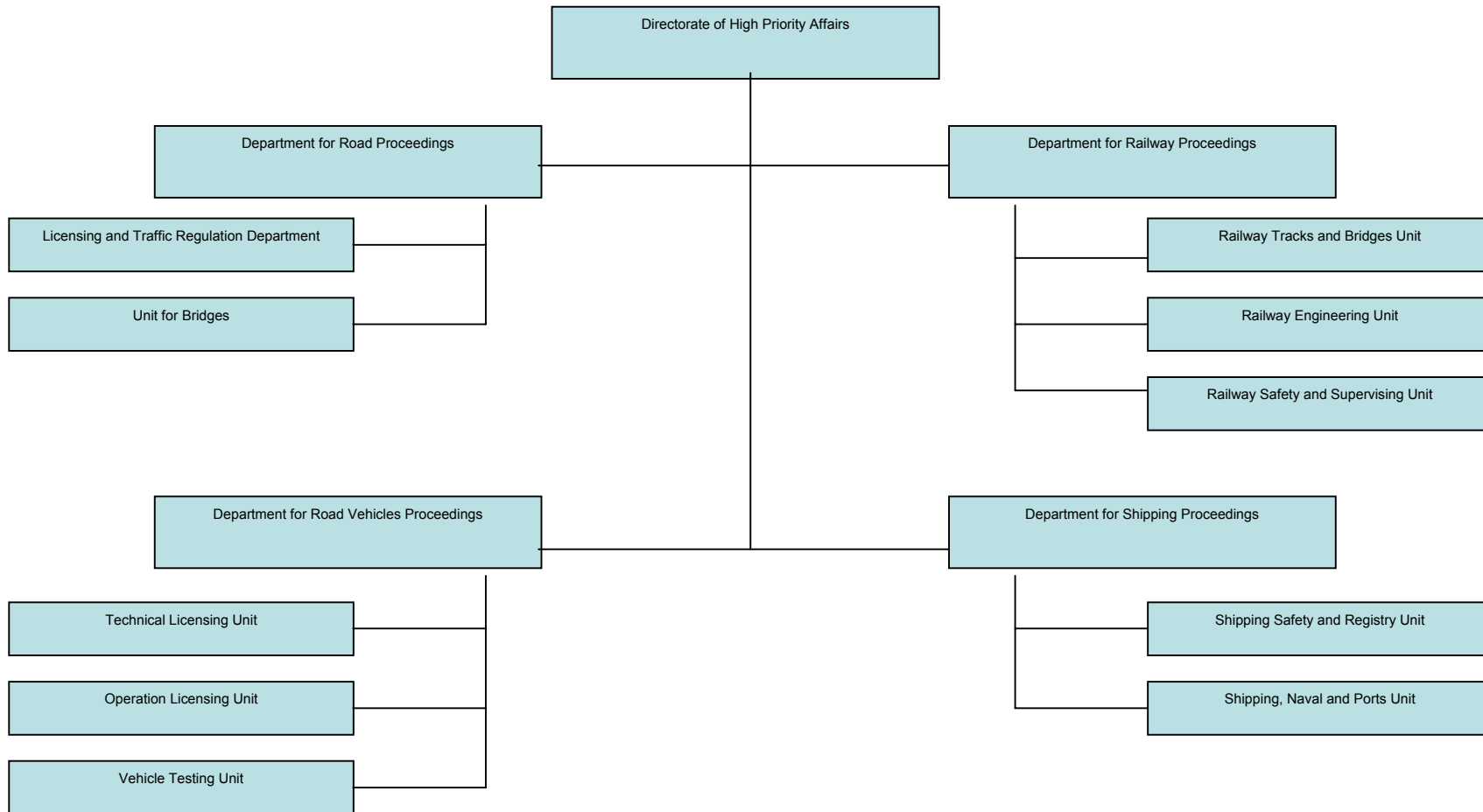
In 2006 the Central Transport Authority was commissioned as National Safety Authority as well. This activity was done by 2 departments of the Railway Authority.

See the internal organisation flow chart on the next pages.

# Internal organisation flow chart of the National Transport Authority



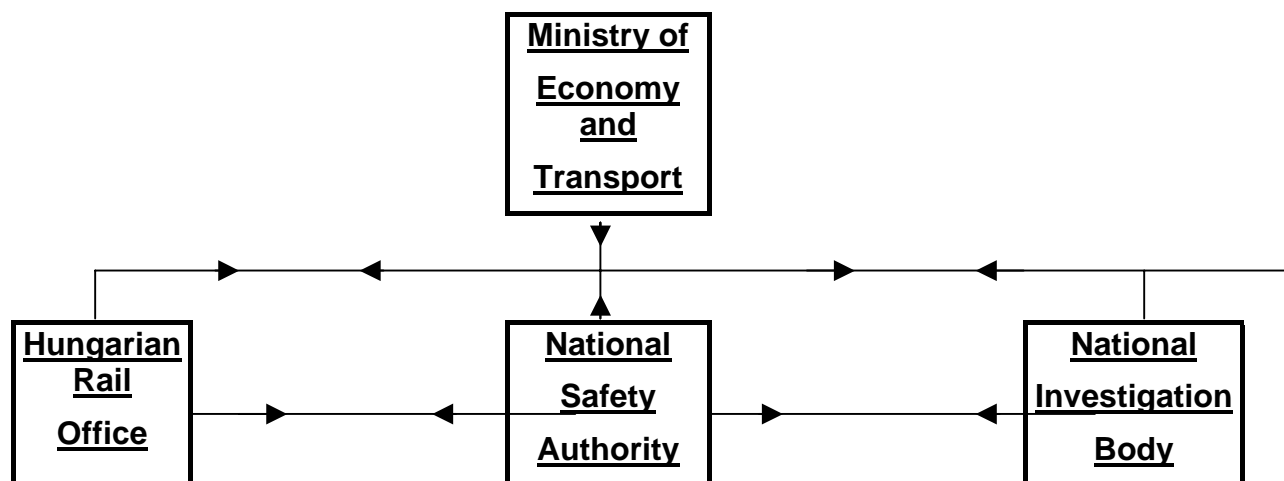
# Directorate of High Priority Affaires





## 2. Organisational flow – relationship

Diagram between the NSAs and other national bodies (such as National Investigation Bodies, National Regulatory Bodies, Ministry of Transport etc.)



## D. THE DEVELOPMENT OF RAILWAY SAFETY

### 1. Initiatives to maintain/improve safety performances

The National Investigation Body started its activity on 1 January 2007, therefore the following data shown in table D.1.1. is not available.

*Table D.1.1 - Safety measures triggered by accidents/precursors to these*

Safety measure decided	Accidents/precursors which triggered the measure		
	Date	Place	Description of the event
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○

Table D.1.2 - Safety measures with other triggers

Safety measure decided	Description of the trigger of the measures
O	O
O	O
O	O

## 2. Detailed data trend analysis

Data of accidents related to all categories of CSIs in 2006:

- Number of accidents;	409
- Number of fatalities;	63
- Number of injures;	132
- Number of precursors to accidents;	783
- Cost of all accidents on safety :	1 873 308 euro

## E. IMPORTANT CHANGES IN LEGISLATION AND REGULATION

Changes in legislation in 2006 see in ANNEX D. Changes were prepared as a consequence of implementation of Directive 2004/49/EC.

## F. THE DEVELOPMENT OF SAFETY CERTIFICATION AND AUTHORISATION

The Hungarian National Safety Authority didn't issue safety certifications and authorisations in 2006 due to the legislation. These were issued in Hungary only from 1 January 2007 therefore there are no data available.

## **G. SUPERVISION OF RAILWAY UNDERTAKINGS AND INFRASTRUCTURE MANAGERS**

The Hungarian National Safety Authority had a supervision of RUs and IMs only as a Technical Authority in 2006. Statistical data of the activity of the technical authorisation can't be integrated in this material therefore we disregard publishing it.

Certainly we are going to publish the data collected in 2007 taking into consideration the new Hungarian legislation.

## **H. CONCLUSIONS – PRIORITIES – RESULTS OF SAFETY RECOMMENDATIONS**

The activity of the Hungarian National Safety Authority has been based on the Directive 2004/49/EC since 1 January 2007. The safety analysis concerning the year 2006 can't be actualized neither on national, nor on company level, therefore we can't answer this question.

## **I. ANNEXES**

ANNEX A: Railway Structure Information

ANNEX B: Organisation chart(s) of the National Safety Authority

ANNEX C: CSIs data

ANNEX D: Important changes in legislation and regulation

ANNEX E: The development of safety certification and authorisation – Numerical Data

## ANNEX A: RAILWAY STRUCTURE INFORMATION

### 1. Infrastructure Manager(s)

Name	Address	Website/Network Statement Link	Safety Authorisation (Number/Date)	Start date commercial activity	Total Track Length/Gauge	Electrified Track Length/Voltages	Total Double/Simple Track Length	Total Track Length HSL	ATP equipment used	Number of LC	Number of Signals
Magyar Államvasutak ZRt	1062 Budapes, Andrásy u.73.										
Győr-Sopron-Ebenfurt Vasút ZRt	1011 Budapest, Szilágyi Dezső tér 1.										

### 2. Railway Undertaking(s)

Name	Address	Website	Safety Certificate 2001/14/EC (Number/Date)	Safety Certificate A-B 2004/49/EC (Number/Date)	Start date commercial activity	Traffic Type (Freight, ...)	Number of Locomotives	Number of Railcars/Multiple Unit-sets	Number of Coaches/Wagons	Number of train drivers/safety crew	Volume of passenger transport	Volume of freight transport
Magyar Államvasutak ZRt	1062 Budapes, Andrásy u.73.											
Győr-Sopron-Ebenfurt Vasút ZRt	1011 Budapest, Szilágyi Dezső tér 1.											

Name	Address	Website	Safety Certificate 2001/14/EC (Number/Date)	Safety Certificate A-B 2004/49/EC (Number/Date)	Start date commercial activity	Traffic Type (Freight, ...)	Number of Locomotives	Number of Railcars/Multiple Unit-sets	Number of Coaches/Wagons	Number of train drivers/safety crew	Volume of passenger transport	Volume of freight transport
Floyd ZRt.	1046 Budapest Damjanich u.5.											
Magyar Magánvasút ZRt.	1033 Budapest. Hajógyári sziget 323											
MÁV Hajdú Vasútépítő Kft.	4024 Debrecen Wesselényi u.6											
CER ZRt.	1097 Budapest. Könyves Kálmán krt.16.											
MÁV Cargo ZRt.	1133 Budapest Váci u.92.											
TRAIN Hungary Kft.	4028 Debrecen, Jósika u.9.											
Mátrai Erőmű ZRt.	3271 Visonta, Erőmű u.11.											

Abbreviations: HSL = High Speed Line (Definition acc. Directive 96/48/EC)  
ATP = Automatic Train Protection  
LC = Level Crossing

## **ANNEX B: ORGANISATION CHART(S) OF THE NATIONAL SAFETY AUTHORITY**

See in chapter B.

## **ANNEX C: CSIS DATA – DEFINITIONS APPLIED**

The Hungarian National Safety Authority hasn't got a proper data structure for these statistics because there hasn't been collected data for 4 years concerning the content of the Annual Report.

## ANNEX D: IMPORTANT CHANGES IN LEGISLATION AND REGULATION

	Legal reference	Date legislation comes into force	Reason for introduction (specify new law or amendment to existing legislation)	Description
<b>General national railway safety legislation</b>				
Legislation concerning the national safety authority	Railway Act on railway transport 2005. CLXXXIII.	01. January 2006	new act	
Legislation concerning notified bodies, assessors, third parties bodies for registration, examination, etc.	NONE			
<b>National rules concerning railway safety</b>				
Rules concerning national safety targets and methods	NONE			
Rules concerning requirements on safety management systems and safety certification of Railway Undertakings	decree on the conditions of issuing railway certificates and authorisations: 40/2006.(VI.26.) GKM	11. July 2006		
Rules concerning requirements on safety management systems and Safety Authorisation of Infrastructure Managers	decree on the conditions of issuing railway certificates and authorisations: 40/2006.(VI.26.) GKM	11. July 2006		
Rules concerning requirements for wagonkeepers				
Rules concerning requirements for maintenance workshops				
Rules concerning requirements for the autorisation of placing in service and maintenance of new and substantially altered rolling stock, including rules for exchange of rolling stock between Railway Undertakings, registration systems and requirements on testing procedures				
Common operating rules of the railway network, including rules relating to the signalling and traffic procedures				
Rules laying down requirements on additional internal operating rules (company rules) that must be established by the Infrastructure Managers and Railway Undertakings				
Rules concerning requirements on staff executing safety critical tasks, including selection criteria, medical fitness and vocational training and certification				



	<b>Legal reference</b>	<b>Date legislation comes into force</b>	<b>Reason for introduction (specify new law or amendment to existing legislation)</b>	<b>Description</b>
Rules concerning the investigation of the accident and incidents including recommendation				
Rules concerning requirements for national safety indicators including how to collect and analyse the indicators				
Rules concerning requirements for autorisation of placing in service the infrastructure (tracks, bridges, tunnels, energy, ATC, radio, signalling, interlocking, level crossing, platforms, etc.)				

**ANNEX E: THE DEVELOPMENT OF SAFETY CERTIFICATION AND AUTHORISATION –  
NUMERICAL DATA**

There is no data concerning the year 2006.