

## RESULTS FACT SHEET

### TR-B-10: ROAD SAFETY

#### DEFINITION - OBJECTIVE

The calculation of the road safety indicators is in regard to the observation of the safety conditions of Egnatia Motorway and also to the alternative road network.

The calculation of the safety indicators is based on the official recorded data of road accidents that involve injured people.

#### Introductory Note

The results presented below derive from the special processing of the original data of Road Traffic Accidents Fact Sheets for the period of 1998 until 2004. The Road Traffic Accidents Fact Sheets are filled in, in case of a road accident involving injured people, by the competent services of Traffic Police and then are electronically recorded by the Greek National Statistics Agency (ESYE).

The processing and the analysis of the original data and the calculation and presentation of the Road Safety Indicators were implemented by Mr Ath.Tsantsanoglou, Traffic Engineer, Unit of Road Safety and Traffic Signing of the Operation Department of EGNATIA ODOS A.E.

For the needs of the analysis, data of the research program “Analysis of Traffic Accidents of Egnatia Motorway” carried out by the Highway Engineering Lab of AUTH (2006), were used.

#### RESULTS -ASSESSMENT

In the tables below the aggregate data of road safety of Egnatia Motorway and also of the alternative to Egnatia Motorway road network are presented. In the Appendix the data per Prefecture are presented in detail.

The sections of the National Road that existed before Egnatia Motorway and service the same road movements as Egnatia Motorway are defined as alternative to Egnatia Motorway road network.

The analysis, regarding Egnatia Motorway and also the alternative to Egnatia Motorway network, concerns the section from the city of Grevena to the border station of Kipoi (Evros Prefecture, Greek-Turkish borders). The section west of the city of Grevena, towards Igoumenitsa is not taken into consideration, because up to 2004 the sections of Egnatia Motorway that were open to traffic, were minor.

ROAD ACCIDENTS AND SAFETY INDICATORS IN EGNATIA MOTORWAY 2000-2004										
TOTAL										
Year	Length (km)	Accidents data				Indicators				
		Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
2000	74	5	2	4	6	58.5	23.4	13.6	5.4	1.20
2001	162	16	4	10	19	52.4	13.1	13.6	3.4	0.88
2002	226	28	10	10	30	58.6	20.9	14.5	5.2	0.71
2003	307	39	8	19	54	56.6	11.6	14.6	3.0	0.69
2004	312	39	10	16	46	38.5	9.9	12.6	3.2	0.67

ROAD ACCIDENTS AND SAFETY INDICATORS IN THE ALTERNATIVE ROAD NETWORK OF EGNATIA 1998-2004										
TOTAL (Alternative network - length: 513 km)										
Year	Accidents data				Indicators					
	Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle	
1998	382	97	115	518	276.6	70.2	73.9	18.8	0.55	
1999	367	90	130	492	253.1	62.1	71.0	17.4	0.60	
2000	269	67	88	336	189.5	47.2	52.0	13.0	0.58	
2001	243	64	80	363	180.5	47.5	47.0	12.4	0.59	
2002	179	52	50	232	150.1	43.6	34.6	10.1	0.57	
2003	171	61	42	241	178.7	63.7	33.1	11.8	0.60	
2004	159	49	53	210	172.4	53.1	31.5	9.7	0.64	
Difference 98/99 - 03/04	-56%	-41%	-61%	-55%	-34%	-12%	-55%	-41%	8%	

The following conclusions result from the processing of the road safety indicators:

- Taking into consideration the exposure to danger (vehicle kilometers) Egnatia Motorway is, on the average, 5 times safer than the alternative road network.
- The gradual opening of sections of Egnatia Motorway to traffic and the shifting of most movements to Egnatia Motorway reduced the absolute number of accidents and injured people of the alternative network. Comparing the years 1998 and 1999, before the operation of Egnatia Motorway to the years 2003 and 2004, after

the operation of Egnatia Motorway it emerges that the reduction differs from Prefecture to Prefecture and ranges, on the average, at about 50%.

- However the alternative network remains hazardous despite the reduction of the traffic loads and of the absolute number of accidents. Especially the annual fatality indicator per traveled vehicle kilometers is almost constant from 1998 to 2004, fact that shows how high is the risk of lethal accidents in the specific roads.
- 13 accidents involving injuries per 100 kilometers happen yearly on Egnatia Motorway, while 33 accidents per 100 kilometers happen in the alternative network. Before the operation of Egnatia Motorway about 70 accidents per 100 kilometers happened in the alternative network.
- From 2000, when the first section was opened to traffic up to December 2004, 127 road accidents happened on Egnatia Motorway in total, in which 34 persons lost their lives, 59 were severely injured and 155 were lightly injured. Respectively, in the same period of time, in the alternative to Egnatia Motorway network 1021 accidents happened, which involved 293 deaths, 313 heavy injuries and 1382 light injuries.
- The risk level on Egnatia Motorway based on the exposure to danger (vehicle kilometers) is stable up to 2003, while in 2004 it has reduced. Generally, the safety indicator of Egnatia Motorway is at a level similar to the European average and at a higher or commensurate level compared to other greek motorways.
- The average gravity of accidents (number of deaths and heavy injuries per accident) is higher in Egnatia Motorway in comparison to the alternative network, fact that results from the importantly higher speeds developed on Egnatia Motorway.

## METADATA

### *Sources*

The accident data come from the computerized Road Traffic Accidents Fact Sheets by the Greek National Statistics Agency.

The traffic loads data and the project's data regarding the Egnatia Motorway come from counts and assessments by the Traffic Department of the Operations Directorate of Egnatia Odos A.E. and the data regarding the rest national network come from counts carried out by other bodies and from assessments and assumptions.

### *Methodology*

The data analysis and the calculation of Indicators are carried out for each road in total at Prefecture level.

The further analysis of the data at each road's chainage level was not considered expedient, because currently the chainage of Egnatia Motorway is partial, from interchange to interchange, making it difficult to determine unequivocally the location of the accident by the Traffic Road Accidents Fact Sheets. There are also mistakes and incompatibilities in the relevant fields of the Traffic Road Accidents Fact sheets, that make the possible results non reliable.

The data/indicators calculated are the following:

- a. Absolute number of accidents per year.
- b. Absolute number of injured persons (dead, severely and lightly injured) per year.
- c. Annual number of accidents
- d. Annual number of deaths caused by road accidents per 100 Motorway kilometers.
- e. Risk level indicator expressed in accidents per 1.000.000.000 ( $10^9$ ) vehicle kilometers (veh x km).
- f. Risk level indicator expressed in deaths per 1.000.000.000 ( $10^9$ ) vehicle kilometers (veh x km).
- g. Average gravity of accidents expressed in number of deaths and heavy injuries per accident (KSI).

It is pointed out that the most reliable assessment method of the road safety issues is the use of the level risk indicators, because it also takes the exposure to danger (traveled vehicle kilometers) into account.

**APPENDIX: Tables of results**

ROAD ACCIDENTS AND SAFETY INDICATORS IN EGNATIA MOTORWAY 2000-2004										
TOTAL										
Year	Length (km)	Accidents data				Indicators				
		Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
2000	74	5	2	4	6	58.5	23.4	13.6	5.4	1.20
2001	162	16	4	10	19	52.4	13.1	13.6	3.4	0.88
2002	226	28	10	10	30	58.6	20.9	14.5	5.2	0.71
2003	307	39	8	19	54	56.6	11.6	14.6	3.0	0.69
2004	312	39	10	16	46	38.5	9.9	12.6	3.2	0.67

GREVENA PREFECTURE										
Year	Length (km)	Accidents data				Indicators				
		Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
2000	0	0	0	0	0	-	-	-	-	-
2001	14	0	0	0	0	0.0	0.0	0.0	0.0	0.00
2002	14	0	0	0	0	0.0	0.0	0.0	0.0	0.00
2003	14	2	0	0	3	150.3	0.0	14.8	0.0	0.00
2004	14	1	0	0	1	72.5	0.0	7.4	0.0	0.00

KOZANI PREFECTURE										
Year	Length (km)	Accidents data				Indicators				
		Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
2000	24	1	2	1	3	57.5	115.0	8.5	17.0	3.00
2001	51	2	0	1	3	27.7	0.0	5.4	0.0	0.50
2002	51	1	1	0	0	12.5	12.5	2.0	2.0	1.00
2003	51	1	1	1	0	11.7	11.7	2.0	2.0	2.00
2004	51	3	1	2	1	30.4	10.1	5.9	2.0	1.00

IMATHIA PREFECTURE										
Year	Length (km)	Accidents data				Indicators				
		Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
2000	0	0	0	0	0	-	-	-	-	-
2001	9	0	0	0	0	0.0	0.0	0.0	0.0	0.00
2002	9	3	1	1	8	79.4	26.5	33.3	11.1	0.67

2003	36	10	2	5	16	98.5	19.7	44.4	8.9	0.70
2004	36	9	1	5	17	51.4	5.7	25.0	2.8	0.67

THESSALONIKI PREFECTURE										
Year	Length (km)	Accidents data				Indicators				
		Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
2000	0	0	0	0	0	-	-	-	-	-
2001	3	6	1	7	8	129.2	21.5	400.0	66.7	1.33
2002	3	3	0	1	5	60.1	0.0	100.0	0.0	0.33
2003	39	6	0	3	8	81.2	0.0	28.6	0.0	0.50
2004	44	8	0	1	12	28.7	0.0	19.4	0.0	0.13

KAVALA PREFECTURE										
Year	Length (km)	Accidents data				Indicators				
		Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
2000	13	1	0	0	1	65.7	0.0	15.4	0.0	0.00
2001	23	6	2	1	6	94.6	31.5	33.3	11.1	0.50
2002	23	10	4	3	8	133.7	53.5	43.5	17.4	0.70
2003	42	6	2	2	6	47.5	15.8	18.6	6.2	0.67
2004	42	6	3	0	6	41.7	20.9	14.5	7.2	0.50

KSANTHI PREFECTURE										
Year	Length (km)	Accidents data				Indicators				
		Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
2000	0	0	0	0	0	-	-	-	-	-
2001	0	0	0	0	0	-	-	-	-	-
2002	19	4	2	3	5	126.8	63.4	42.1	21.1	1.25
2003	19	5	1	4	11	90.5	18.1	26.3	5.3	1.00
2004	19	1	0	3	2	17.2	0.0	5.3	0.0	3.00

RODOPI PREFECTURE										
Year	Length (km)	Accidents data				Indicators				
		Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
2000	28	3	0	3	2	63.9	0.0	21.4	0.0	1.00
2001	28	2	1	1	2	31.1	15.6	7.1	3.6	1.00
2002	55	5	1	2	3	41.0	8.2	12.0	2.4	0.60

2003	55	4	1	1	7	26.0	6.5	7.3	1.8	0.50
2004	55	6	2	3	5	37.3	12.4	10.9	3.6	0.83

EVROS PREFECTURE										
Year	Length (km)	Accidents data				Indicators				
		Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
2000	9	0	0	0	0	0.0	0.0	0.0	0.0	0.00
2001	34	0	0	0	0	0.0	0.0	0.0	0.0	0.00
2002	52	2	1	0	1	28.9	14.5	4.7	2.3	0.50
2003	52	5	1	3	3	62.8	12.6	9.6	1.9	0.80
2004	52	5	3	2	2	60.0	36.0	9.6	5.8	1.00

ROAD ACCIDENTS AND SAFETY INDICATORS IN THE ALTERNATIVE ROAD NETWORK OF THE EGNATIA MOTORWAY 1998-2004										
TOTAL (Alternative road network - length: 513 km)										
Year	Accidents data				Indicators					
	Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle	
1998	382	97	115	518	276.6	70.2	73.9	18.8	0.55	
1999	367	90	130	492	253.1	62.1	71.0	17.4	0.60	
2000	269	67	88	336	189.5	47.2	52.0	13.0	0.58	
2001	243	64	80	363	180.5	47.5	47.0	12.4	0.59	
2002	179	52	50	232	150.1	43.6	34.6	10.1	0.57	
2003	171	61	42	241	178.7	63.7	33.1	11.8	0.60	
2004	159	49	53	210	172.4	53.1	31.5	9.7	0.64	
Difference 98/99 - 03/04	-56%	-41%	-61%	-55%	-34%	-12%	-55%	-41%	8%	

GREVENA PREFECTURE (Alternative road network - length: 24 km)										
Year	Accidents data				Indicators					
	Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle	
1998	21	3	6	31	1,249.2	178.5	87.5	12.5	0.43	
1999	11	1	0	16	628.2	57.1	45.8	4.2	0.09	
2000	11	1	1	13	805.5	73.2	45.8	4.2	0.18	
2001	9	3	2	14	2,573.7	857.9	37.5	12.5	0.56	
2002	2	0	0	4	549.1	0.0	8.3	0.0	0.00	
2003	2	0	0	2	527.1	0.0	8.3	0.0	0.00	
2004	5	0	0	11	1,265.0	0.0	20.8	0.0	0.00	
Difference 98/99 - 03/04	-78%	-100%	-100%	-72%	-5%	-100%	-78%	-100%	-100%	

The alternative road network in Grevena Prefecture is composed by the roads:

National road "15" from city of Grevena to the borders between Grevena and Kozani Prefectures, length 24 km

**KOZANI PREFECTURE (Alternative road network - length: 66 km)**

Year	Accidents data				Indicators				
	Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
1998	24	5	6	52	211.7	44.1	36.6	7.6	0.46
1999	14	8	11	12	118.5	67.7	21.4	12.2	1.36
2000	9	5	2	9	92.9	51.6	13.7	7.6	0.78
2001	12	5	4	18	382.7	159.5	18.3	7.6	0.75
2002	6	4	1	7	183.8	122.6	9.2	6.1	0.83
2003	7	5	3	7	206.0	147.2	10.7	7.6	1.14
2004	5	2	1	5	141.4	56.5	7.6	3.1	0.60
Difference 98/99 - 03/04	<b>-68%</b>	<b>-46%</b>	<b>-76%</b>	<b>-81%</b>	<b>5%</b>	<b>82%</b>	<b>-68%</b>	<b>-46%</b>	<b>-4%</b>

The alternative road network in Kozani Prefecture is composed by the roads:

National Road "15" from the borders between the Prefectures of Grevena and Kozani to Mpara, length 3 km

National Road "20" from Mpara to the city of Kozani, length 26 km

National Road "4" from the city of Kozani to the borders between the Prefectures of Imathia and Kozani, length 37 km

**IMATHIA PREFECTURE (Alternative road network - length: from 2001: 64km, 2002: 54km, 2003: 25km)**

Year	Accidents data				Indicators				
	Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
1998	4	2	0	7	31.9	16.0	6.3	3.1	0.50
1999	7	1	1	9	53.6	7.7	10.9	1.6	0.29
2000	20	3	7	23	147.2	22.1	31.3	4.7	0.50
2001	17	5	7	27	120.2	35.4	26.6	7.8	0.71
2002	14	1	3	18	112.7	8.0	25.9	1.9	0.29
2003	13	6	1	20	433.0	199.8	32.5	15.0	0.54
2004	5	0	1	7	256.2	0.0	20.0	0.0	0.20
Difference 00/01 - 03/04	<b>-51%</b>	<b>-25%</b>	<b>-86%</b>	<b>-46%</b>	<b>158%</b>	<b>248%</b>	<b>-9%</b>	<b>20%</b>	<b>-39%</b>

The alternative road network in Imathia Prefecture is composed by the roads:

National Road "4" from the borders between the Kozani and Imathia Prefectures (Kastania) to the city of Veria, length 25 km

New National Road from the city of Veria to Klidi (mapping out of Egnatia Motorway), length 39 km (it has been gradually substituted by the Egnatia Motorway)

For the road from Klidi to the borders between Thessaloniki and Imathia Prefectures (PATHE) there is not alternative road network



<b>THESSALONIKI PREFECTURE (Alternative Road Network - length: 78 km - only the part Derveni - Asprovalta)</b>									
Year	Accidents data				Indicators				
	Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
1998	76	23	21	123	205.6	62.2	97.4	29.5	0.58
1999	79	22	20	126	205.2	57.1	101.3	28.2	0.53
2000	55	26	10	71	137.1	64.8	70.5	33.3	0.65
2001	54	21	12	82	129.3	50.3	69.2	26.9	0.61
2002	45	21	13	67	103.4	48.3	57.7	26.9	0.76
2003	35	17	4	62	92.7	45.0	44.9	21.8	0.60
2004	43	13	11	64	144.3	43.6	55.1	16.7	0.56
Difference 98/99 - 03/04	-50%	-33%	-63%	-49%	-42%	-26%	-50%	-33%	4%

The alternative road network of the Egnatia Motorway in Thessaloniki Prefecture is composed by the roads:  
 National Road "2" from Derveni to the borders between Thessaloniki and Serres Prefecture, length 78 km  
 For the alternative road network from the borders between Thessaloniki and Imathia Prefecture to the I/C K1 (PATHE) there is no alternative road network  
 For the road between I/C 1 to I/C Lagkada (Derveni) there is no alternative road network

<b>KAVALA PREFECTURE (Alternative Road Network - Length: 104 km)</b>									
Year	Accidents data				Indicators				
	Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
1998	95	29	27	125	321.3	98.1	91.3	27.9	0.59
1999	107	21	27	164	334.9	65.7	102.9	20.2	0.45
2000	79	10	24	112	243.1	30.8	76.0	9.6	0.43
2001	76	9	10	134	245.7	29.1	73.1	8.7	0.25
2002	56	15	12	85	176.2	47.2	53.8	14.4	0.48
2003	52	15	17	75	222.0	64.0	50.0	14.4	0.62
2004	52	21	21	68	185.6	75.0	50.0	20.2	0.81
Difference 98/99 - 03/04	-49%	-28%	-30%	-51%	-38%	-15%	-49%	-28%	37%

The alternative road network of the Egnatia Motorway in Kavala Prefecture is composed by the roads:  
 National Road "2" from the borders between Serres and Kavala Prefectures to the Touzla crossroads, length 5 km  
 "Coastal" Egnatia Mororway (New National Road) from Touzla crossroads to I/C of Saint Andrew, length 45 km  
 Provincial Road "10" from Saint Andrew to the city of Kavala, length 13 km  
 National Road "2" from the city of Kavala to the borders between Kavala and Xanthi Prefectures, length 41 km

XANTHI PREFECTURE (Alternative Road Network - length: 43 km)									
Year	Accidents data				Indicators				
	Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
1998	81	20	33	85	643.7	158.9	188.4	46.5	0.65
1999	59	15	27	64	450.6	114.6	137.2	34.9	0.71
2000	44	4	16	59	323.0	29.4	102.3	9.3	0.45
2001	38	6	13	51	268.2	42.3	88.4	14.0	0.50
2002	31	4	13	31	535.0	69.0	72.1	9.3	0.55
2003	32	5	10	32	512.3	80.1	74.4	11.6	0.47
2004	23	5	11	28	348.1	75.7	53.5	11.6	0.70
Difference 98/99 - 03/04	-61%	-71%	-65%	-60%	-21%	-43%	-61%	-71%	-15%

The alternative road network of the Egnatia Motorway in Xanthi Prefecture is composed by the roads:  
National Road "2" from the borders between Xanthi and Kavala Prefectures to the borders between Xanthi and Rodopi Prefectures, length 43 km

RODOPI PREFECTURE (Alternative Road Network - length: 63 km)									
Year	Accidents data				Indicators				
	Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
1998	60	10	10	73	300.6	50.1	96.0	16.0	0.33
1999	52	16	29	57	250.1	77.0	83.2	25.6	0.87
2000	22	7	13	19	131.7	41.9	35.2	11.2	0.91
2001	20	4	21	24	114.9	23.0	32.0	6.4	1.25
2002	12	1	5	11	127.3	10.6	19.2	1.6	0.50
2003	18	8	4	30	214.4	95.3	28.8	12.8	0.67
2004	16	4	5	13	191.3	47.8	25.6	6.4	0.56
Difference 98/99 - 03/04	-70%	-54%	-77%	-67%	-26%	13%	-70%	-54%	3%

The alternative road network of the Egnatia Motorway in Rodopi Prefecture is composed by the roads:  
National Road "2" from the borders between Xanthi and Rodopi Prefectures to the borders between Rodopi and Evros Prefectures, length 43 km

RODOPI PREFECTURE (Alternative Road Network - length: 72 km)									
Year	Accidents data				Indicators				
	Number of accidents	Deaths	Heavy injured	Light injured	Accidents per 10 <sup>9</sup> vehivles* km	Deaths per 10 <sup>9</sup> vehivles* km	Accidents per 100 km	Deaths per 100 km	N+BT per vehivle
1998	21	5	12	22	155.9	37.1	29.2	6.9	0.81
1999	38	6	15	44	270.8	42.8	52.8	8.3	0.55
2000	29	11	15	30	202.0	76.6	40.3	15.3	0.90
2001	17	11	11	13	133.9	86.7	23.6	15.3	1.29
2002	13	6	3	9	102.6	47.4	18.1	8.3	0.69

2003	12	5	3	13	91.6	38.2	16.7	6.9	0.67
2004	10	4	3	14	73.8	29.5	13.9	5.6	0.70
Difference 98/99 - 03/04	-63%	-18%	-78%	-59%	-61%	-15%	-63%	-18%	0%

The alternative road network of the Egnatia Motorway in Evros Prefecture is composed by the roads:  
 National Road "2" from the borders between Rodopi and Evros Prefectures to Kipoi, length 72 km