

CROATIA

NATIONAL REPORT 2003

I Network

The total length of motorway and expressway network of Croatia at the end of the year 2003 is 749,2 km, out of which 55 km are not tolled (Zagreb and Rijeka bypasses).

In 2003 several new sections were opened to traffic of a total length of 148,6 km on the following motorways: on the **Bosiljevo-Split** motorway the construction of two new sections Bosiljevo-Mala Kapela Tunnel and Gornja Ploca-Zadar 2 (of total length of 96 km) were completed in June according to schedule.

On the motorway **Zagreb-Gorican** the construction of section Breznicki Hum-Novi Marof was finished in June 2003 and in December 2003 the section Novi Marof-Varazdin was opened to traffic (of total length of 24,4 km) so this motorway is now fully completed.

As regards the motorway **Rijeka-Zagreb** two sections were completed and opened to traffic in 2003, which are the sections Kupjak-Vrbovsko and Vukova Gorica- Bosiljevo 2 (of total length of 28,2 km).

Motorways in the Republic of Croatia are operated by 3 companies:

HAC-"Croatian Motorways, Ltd" operates all motorways except for those that are under concession and two concession companies "BINA ISTRRA" d.d. in Pula (operates the so-called Istrian "Y" motorway) and the company "Autocesta Rijeka Zagreb d.d. - "Rijeka-Zagreb Motorway".

- in kilometers

Company		2002.	2003. tolled	2003. not tolled	2003. total
1.	HAC d.o.o.	386,8	476,0	509,2	51,2
2.	ARZ d.d.	104,4	128,8	132,6	3,8
3.	BINA-ISTRRA d.d.	89,4	89,4	89,4	-
TOTAL		580,6	676,2	55,0	731,2

II Sections under construction

As of December 31, 2003 the construction was under way on totally 203,9 km of motorways and 29,7 km expressways on the following sections:

Bosiljevo – Split Motorway (182,00 km under construction):

- tunnel Mala Kapela (5,76 km)
- section Mala Kapela - Žuta Lokva (20,32 km)
- section Žuta Lokva - Ličko Lešće (24,0 km)
- section Ličko Lešće - Lički Osik (24,47 km)
- section Lički Osik - Sveti Rok interchange (26,80 km)
- section Zadar 2 - Benkovac (14,50 km)
- section Benkovac – Pirovac (21,30 km)
- Krka bridge on the section Skradin – Šibenik (0,4 km)
- section Prgomet - Dugopolje (29,2 km)

Zagreb-Rijeka Motorway:

- section Vrbovsko-Bosiljevo (13,7 km)

Istrian epsilon motorway:

- section Nova Vas - Medaki (29,7 km)

Rupe - Rijeka:

- section Jušići - Jurdani (3,71 km)
- section Jurdani – Permani (4,5 km)

In 2004 the total number of 193,59 km of new motorways will be opened to traffic, as follows:

- 176,18 km on Bosiljevo - Split motorway in total,
- 3,71 km on Rupe – Rijeka motorway in total,
- 13,7 km on Zagreb-Rijeka motorway in total.

Apart from the continuing the works on sections started last year new 42,6 km of motorways and 5,8 km of expressways shall start in 2004 as follows:

Bosiljevo – Split Motorway (the remaining 33,06 km are under construction)

- section Pirovac - Skradin (10,0 km)
- section Skradin - Šibenik (9,35 km)
- section Šibenik - Vrpolje (14,25 km)

Rupe - Rijeka Motorway (9,0 km)
 Rupe-Jurdani Section (9,0 km)

Istrian epsilon motorway
 Umag-Buje Section (5,8 km)

III Financing and Investment

The total amount invested in construction of new motorway sections in 2003 was 6.905,13 billion kuna (908,56 million EUR), and the amount invested in the motorway sections already in operation was 122,6 millions kuna (16,11 million EUR).

- Mil HRK (EURO)
 (1 EURO = 7,6 HRK)

Company	2003		2004 Programme	
	in new sections	in existing sections (enlargement, equipment etc)	in new sections	in existing sections (enlargement, equipment etc)
HAC	5.861,89 (771,30)	60,87 (8,0)	3.684,90 (484,86)	373,87 (49,19)
ARZ	699,93 (92,09)	56,36 (7,41)	329,05 (43,29)	248,00 (32,63)
BINA ISTRRA	343,31 (45,17)	5,37 (0,70)	403,42 (53,08)	15,56 (2,04)
Total	6.905,13 (908,56)	122,6 (16,11)	4.417,37 (581,23)	637,43 (83,86)

Motorway construction in 2003 was mostly financed out of loans and toll revenues and beside these sources Hrvatske autoceste d.o.o. finances motorway construction out of fuel tax (0,60 HRK per liter).

IV Traffic

Number of vehicles in toll areas

Company	2002.		2003.			
	Light vehicles (1st and 2nd category)	Heavy vehicles (3rd and 4th category)	Light vehicles (1st and 2nd category)	% (03/02)	Heavy vehicles (3rd and 4th category)	% (03/02)
HAC	16.839.314	2.557.826	21.683.149	28,7	3.196.587	24,9
ARZ	8.952.762	1.329.684	10.294.661	14,9	1.565.562	17,7
BINA ISTRRA	2.005.056	315.396	2.098.943	4,6	337.154	6,8
UKUPNO	27.797.192	4.172.906	34.076.753	22,6	5.099.303	22,2

Note: the data do not comprise the number of vehicles that traveled the motorways free of charge.

Compared to the previous year the total traffic volume on motorways in 2003 was increased by 22,5 %.

V Toll revenues (VAT excluded)

1 EURO = 7,6 kn

Company	2002.		2003.		% (03/02)
	kn	EUR	kn	EUR	
1. HAC	429.405.150	56.500.678	539.929.779	71.043.392	25,74
2. ARZ	176.775.286	23.259.906	235.068.660	30.930.086	33
3. BINA-ISTRRA	68.200.000	8.973.684	76.198.000	10.026.052	11,7
TOTAL	664.380.436	88.734.268	851.196.439	111.999.530	26,2

Due to the increase in traffic volume, opening to traffic of new motorway sections and the slight adjustment of toll tariffs on all motorways in Croatia the total toll revenues have been increased by 26,2% compared with the preceding year.

VI Toll rates

Considering the fact that the completion of the motorway network in Croatia is still under construction, open toll system is mainly used on constructed sections. However, once the network has been completed, closed toll system shall be applied on motorways with several entrances and exits.

The tariff for light vehicles - passenger cars (I vehicle category) in closed toll system is 0,33 HRK/km (0,043 EUR/km), and in open toll system it is 0,29 HRK/km (0,038 EUR/km). The toll rate ratio between the I and IV vehicle category is 1:4.

The concessionary company BINA ISTRRA has increased the tariffs on its network by 4 % in comparison with the year 2002. New tariffs came into effect on the 1st January 2003.

Compared to the last year the concessionary company Autocesta Rijeka-Zagreb has increased the tariffs on its semi-motorway sections in June 2003 by 50% in average, due to the fact that the open toll system, applied on toll plaza Lepenica, was transformed into closed system from Ostrovica to Vrbovsko section. On motorway sections the average increase in tolls in 2003 was 7%.

Safety

Number of accidents	2001				2002			
	HAC	BINA ISTRRA	ARZ	RH	HAC	BINA ISTRRA	ARZ	RH
-Deaths	31	8	1	40	36	1	8	45
-Accidents with injuries	178	15	12	205	235	20	57	312
Accidents with material damage	897	72	53	1022	982	102	298	1382
TOTAL	1106	95	66	1267	1253	123	363	1739

1739 traffic accidents occurred in 2003 out of which 45 accidents were with dead people and 475 accidents with injured people.

VII Medium and Long Term Trends

In accordance with Transport Development Strategy of the Republic of Croatia, which was adopted by the Croatian Parliament, Croatia should have the total network of 1.365 km by 2013. In accordance with the Programme of the Republic of Croatia the total planned investment in motorway construction in 2001-2005 period amounts to 18,6 bn kuna (2,5 bn EURO), which comprises the construction of 450 km of motorways and 81 km of semi-motorways in the said period (to complete this programme the remaining 246,50 km of motorways and 50 km of semi-motorways are to be built).

The completion of Zagreb-Rijeka Motorway (remaining 13,7 km) is planned for June 2004. The construction of Rupe-Rijeka Motorway (remaining 17,2 km) is scheduled for 2004. The construction of the entire Bosiljevo-Split Motorway (remaining 215,6 km) has been scheduled for June 2005. Istrian "Y" semi-motorway is scheduled to be completed by the end of 2005 (total length of 50 km).

After 2005 the construction of 373 km of motorways and 61 km of semi-motorways shall be carried out and the design preparation for this project will be completed by 2005.

MAIN KEY FIGURES – 2003

CROATIA	2003
Total motorway network length, km	731,20
1 x 2 lanes	143,93
2 x 2 lanes	584,27
2 x 3 lanes	3
2 x 4 lanes	0
Non tolled network length (state roads), km	55,0
No. of km under construction - January 1, 2004	233,61
Forecasts of opening motorway sections – 2004	193,59
Annual toll revenue in 2003	111.9 million EUR
Permanent staff	2.192
Average daily traffic LV	25.318
Average daily traffic HV	3.913
Average daily traffic LV + HV	29.231
Total number of accidents	1.739
Number of accidents with injured and dead	312
Number of dead	45
Km traveled (10 ⁶ km)	-
Number of toll plazas	35
Number of lanes	194
Number of teletoll equipped lanes	27
Number of teletoll subscribers	500
Number of rest areas (with stations services)	35
Number of rest areas	40
Number of restaurants	24
Number of hotels	9