



American University in Kosovo



Rochester Institute of Technology

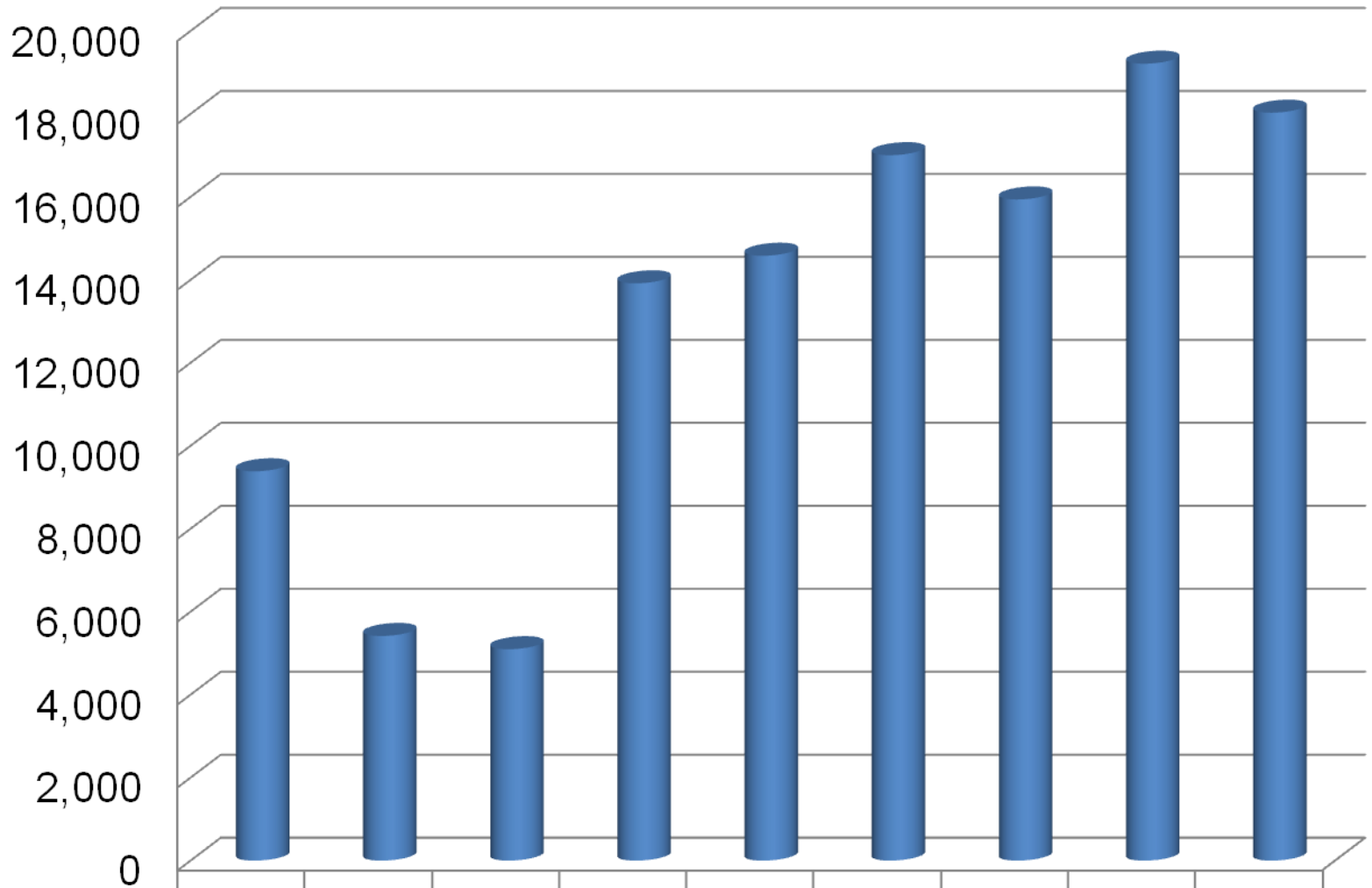
# AN ASSESSMENT OF ROAD TRAFFIC SAFETY IN KOSOVA

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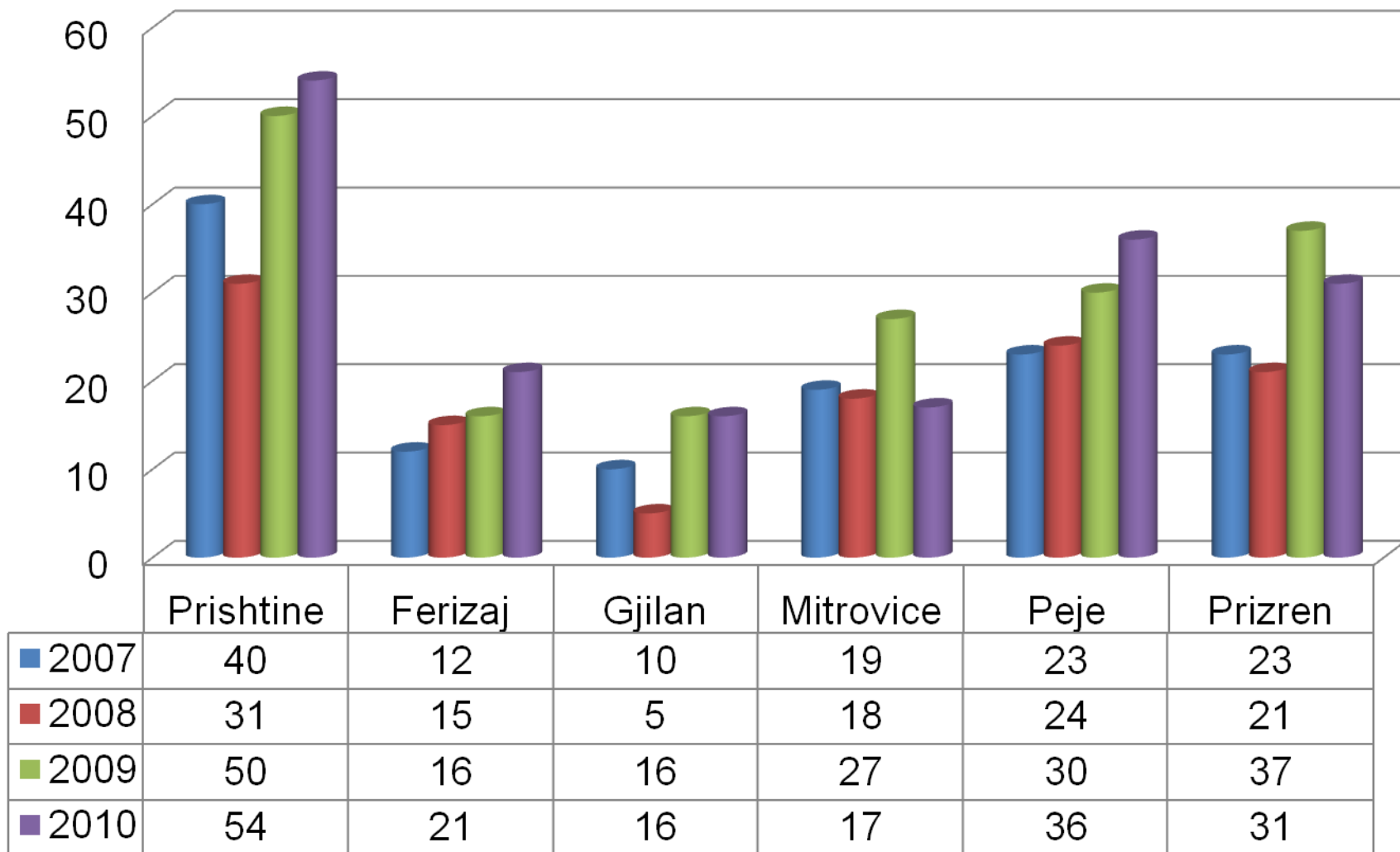
Tuesday  
September 6, 2011

# Total Recorded Accidents in Kosova 2002-2010

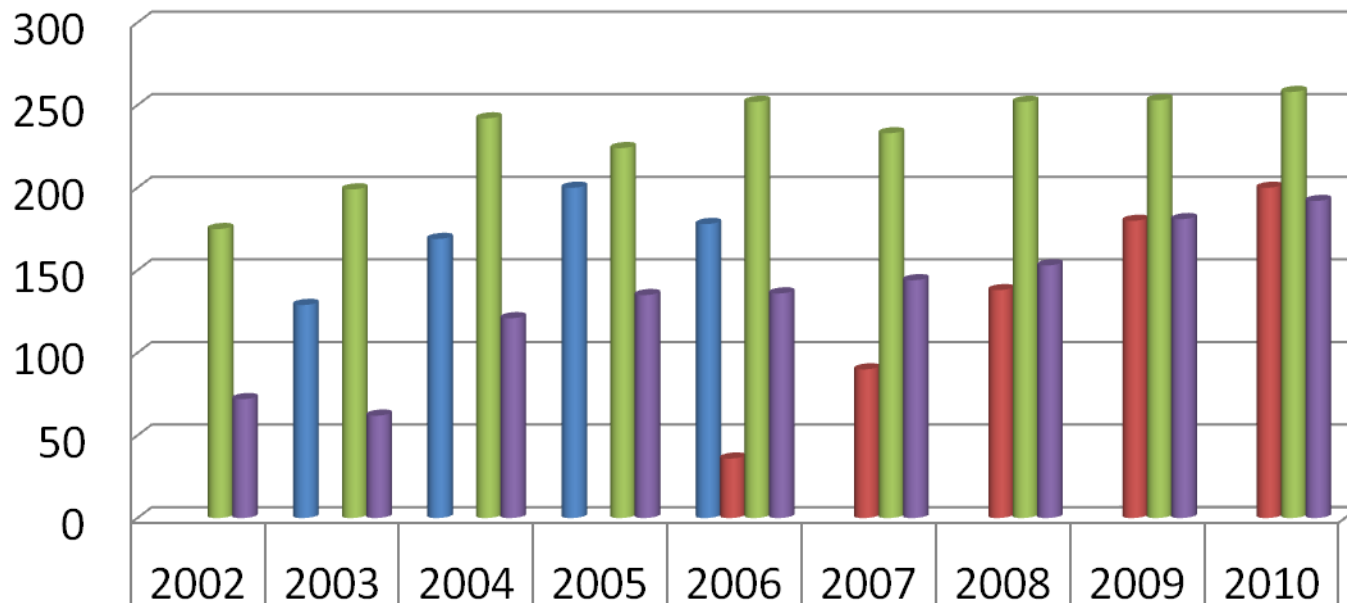


■ Total accidents	9,386	5,416	5,097	13,917	14,582	17,006	15,939	19,212	18,030
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# Death Traffic Accidents According to Regions



# Accuracy of Data Collection and Number of Vehicles in Thousands



Statistical Office		129	169	200	178				
MIA					36	90	138	180	200
Cars policies	175	199	242	224	252	233	252	253	258
Border policies	72	62	121	135	136	144	153	181	192

# Background of Legislation

- Collision of laws (Article 352 paragraph 3 of LRTS and article 28 of the LMO)
- Article 3 defines used notions or terms “ADR Certificates”
- Article 205 duties of the participant on a traffic accident
- Article 227 defines a BAC
- Article 270 paragraph 5 the period of driver’s license for category B

# Background of Legislation 2

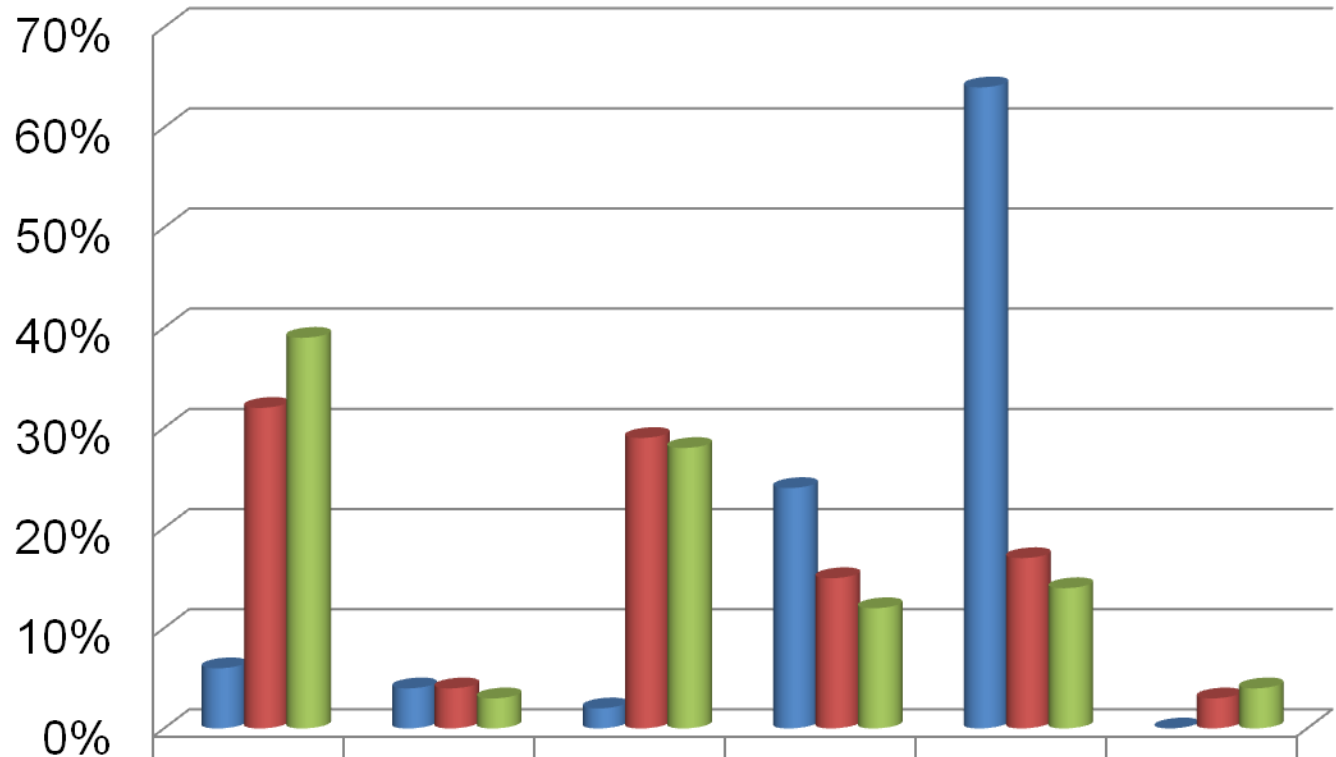
- Law on Medical Emergency Services article 17 paragraph 2
- The Law on Private Practice, AI for Hospital Services and AI for Ambulancias and Diagnosing Therapeutic Center
- AI Health Certificates is not in compliance with Directive 2006/126/EC and Commission Directive 2009/113/EC
- Periodic training of drivers, Directive 2003/59/EC

# Project Questionnaires

Driver questionnaires (driver over 30 years, drivers less 30 years and driver that had accidents), health professionals, traffic police and head of regional traffic police questionnaires

# Driver Information

Driver Questionnaire

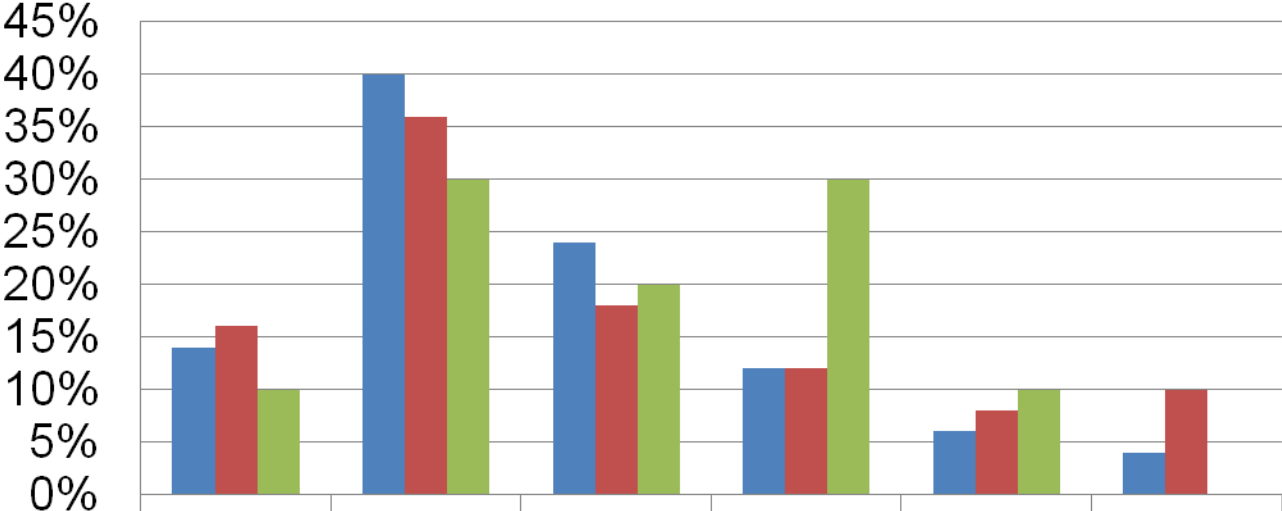


■ Driver over 30 yrs	6%	4%	2%	24%	64%	0%
■ Driver fewer 30 yrs	32%	4%	29%	15%	17%	3%
■ Driver that had accidents	39%	3%	28%	12%	14%	4%



# Driver Behavior

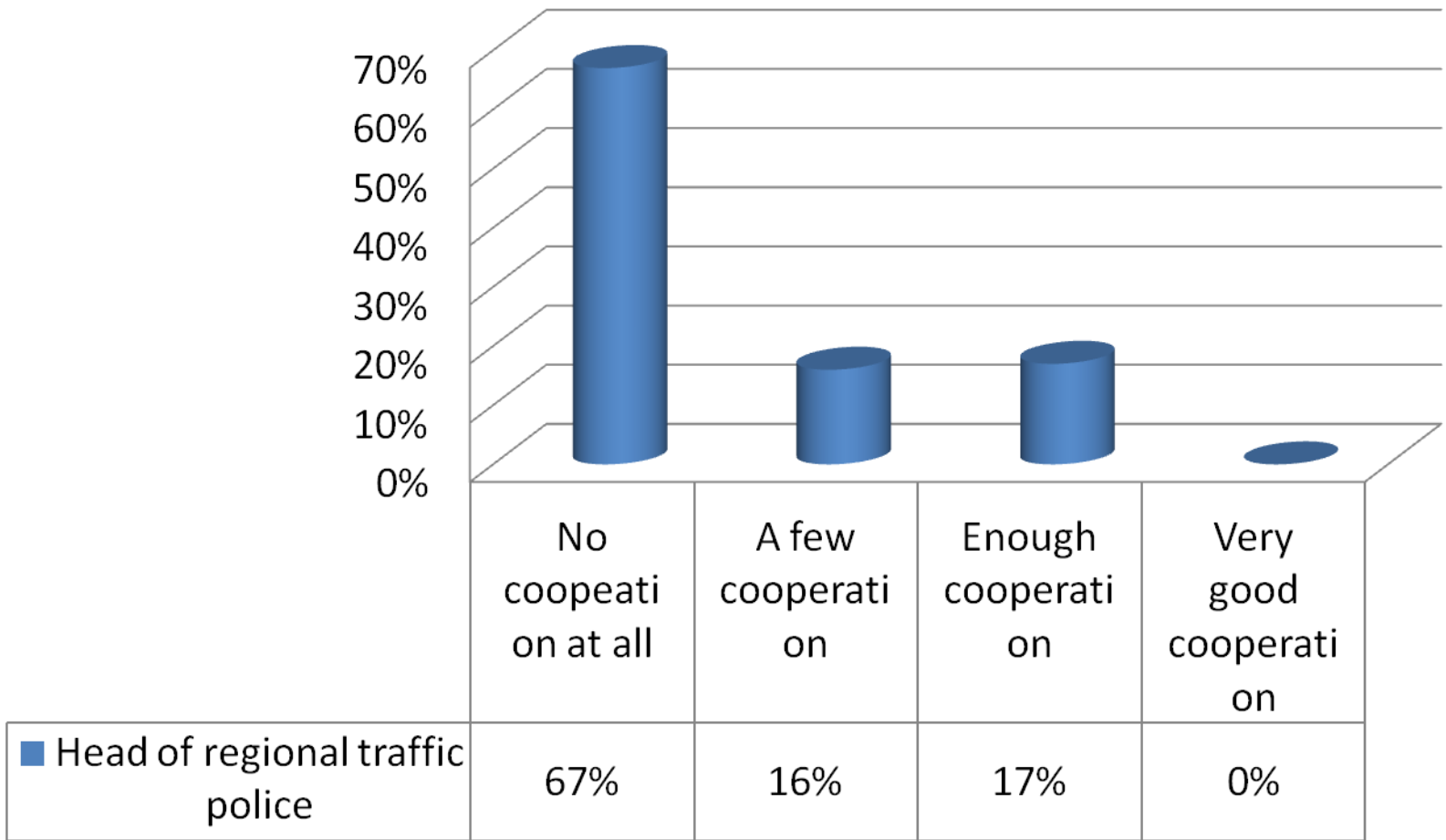
## Driver Questionnaire



■ Driver over 30 years	14%	40%	24%	12%	6%	4%
■ Driver fewer 30 years	16%	36%	18%	12%	8%	10%
■ Driver that had accidents	10%	30%	20%	30%	10%	0%

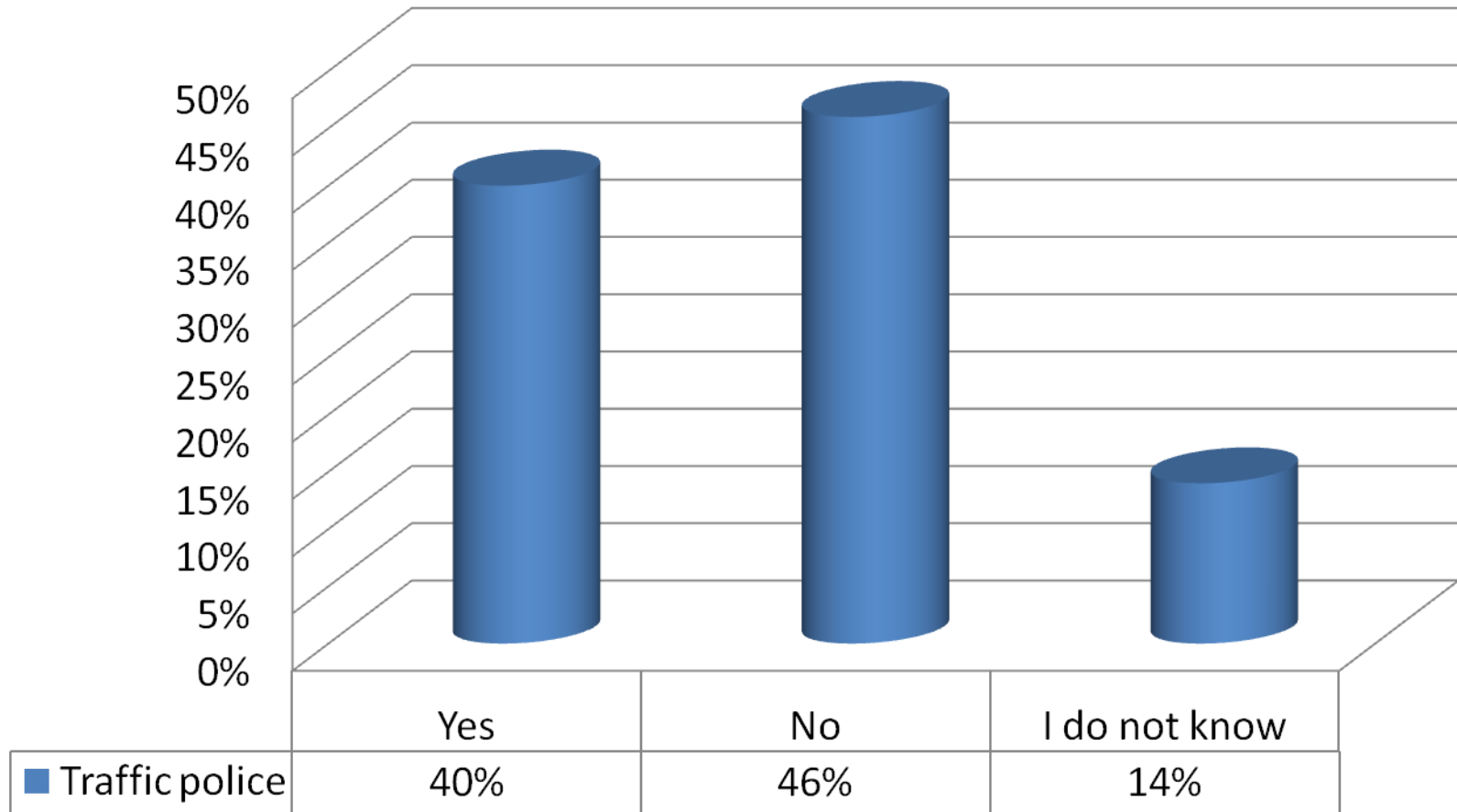
# Level of Cooperation with RTSC

Police Questionnaire



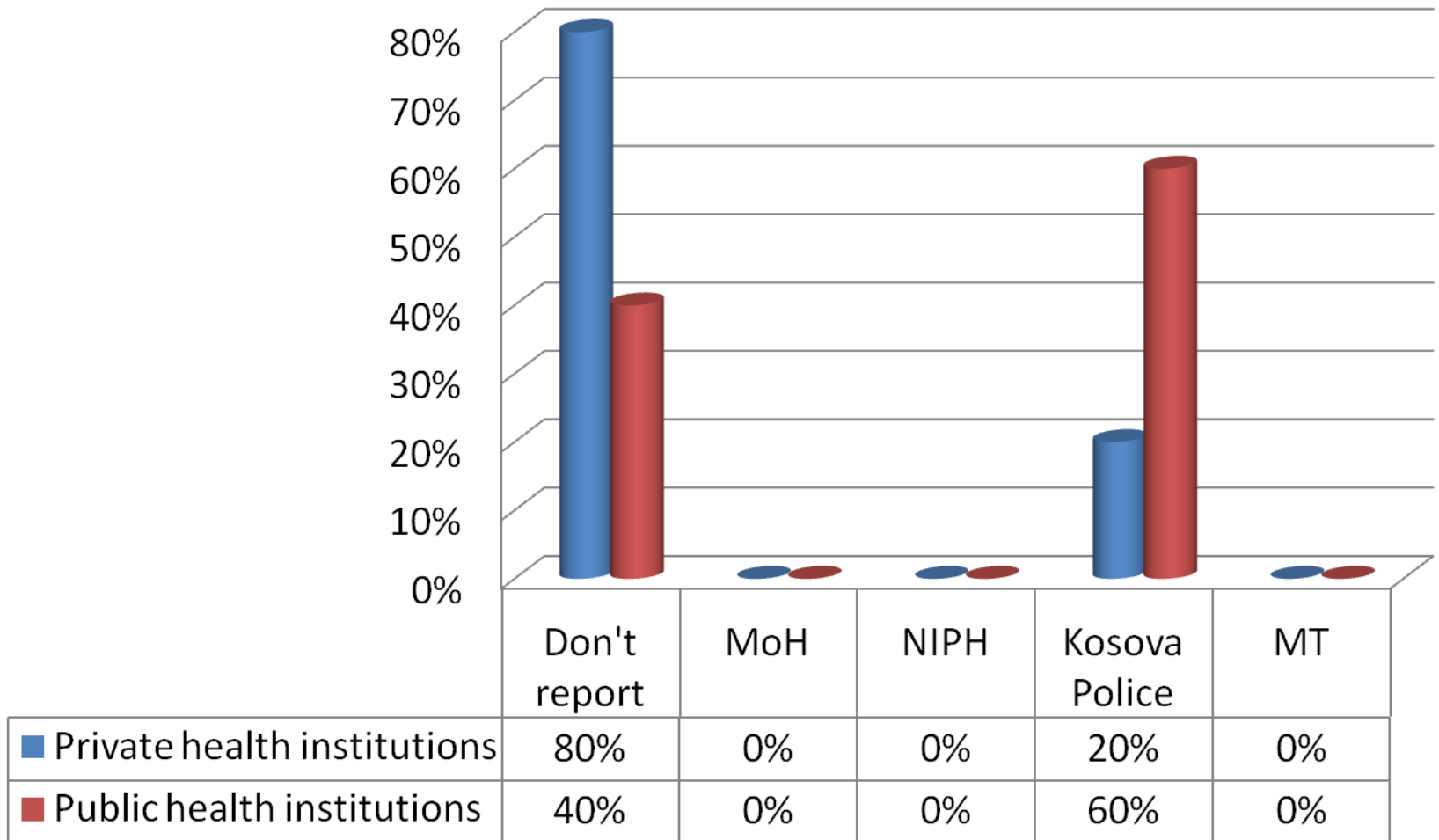
# Traffic Police Training

Police Questionnaire



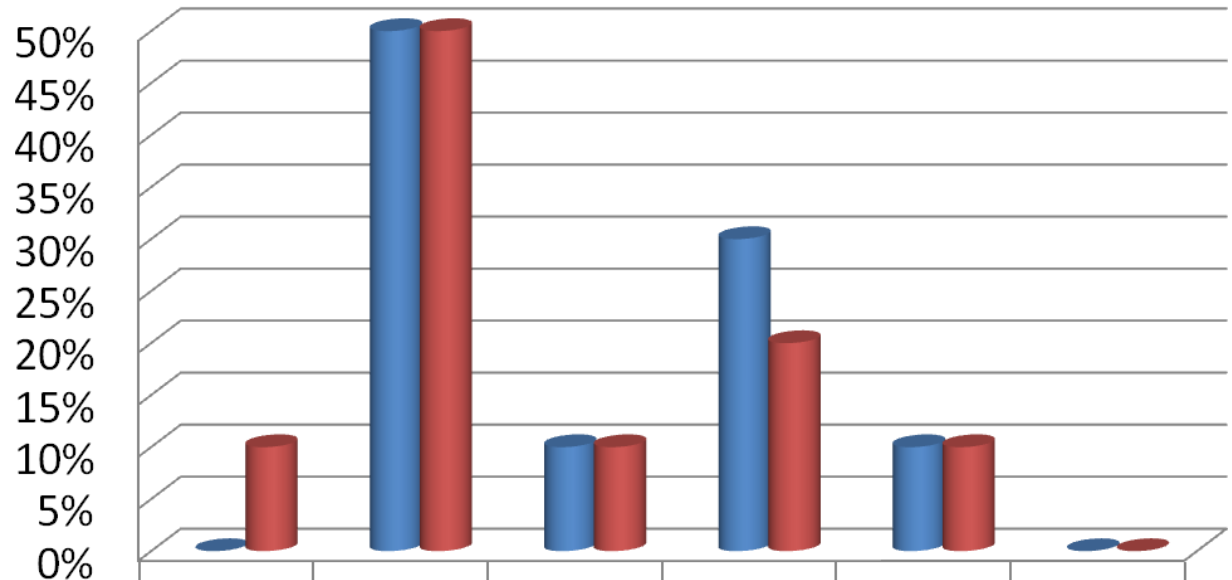
# Report of Health Institutions

Health Professionals' Questionnaire



# Training of Medical Staff

Health Professionals' Questionnaire



	No training	Without plan	A few training	Short term plan	Long term plan	Other
■ Private health institutions	0%	50%	10%	30%	10%	0%
■ Public health institutions	10%	50%	10%	20%	10%	0%

# Driving time to Reach Emergency Site

Country	Measure	Legally required time	Max driving time to reach emergency site	Urban areas	Rural areas
Germany	Time for emergency response	Yes	12 minutes		
			Sparsely areas 15 min		
Latvia	-  -	Yes		15 min	25 min
UK	-  -	Yes		14 min	19 min
Kosova	-  -	No			

# Emergency Numbers in Kosova

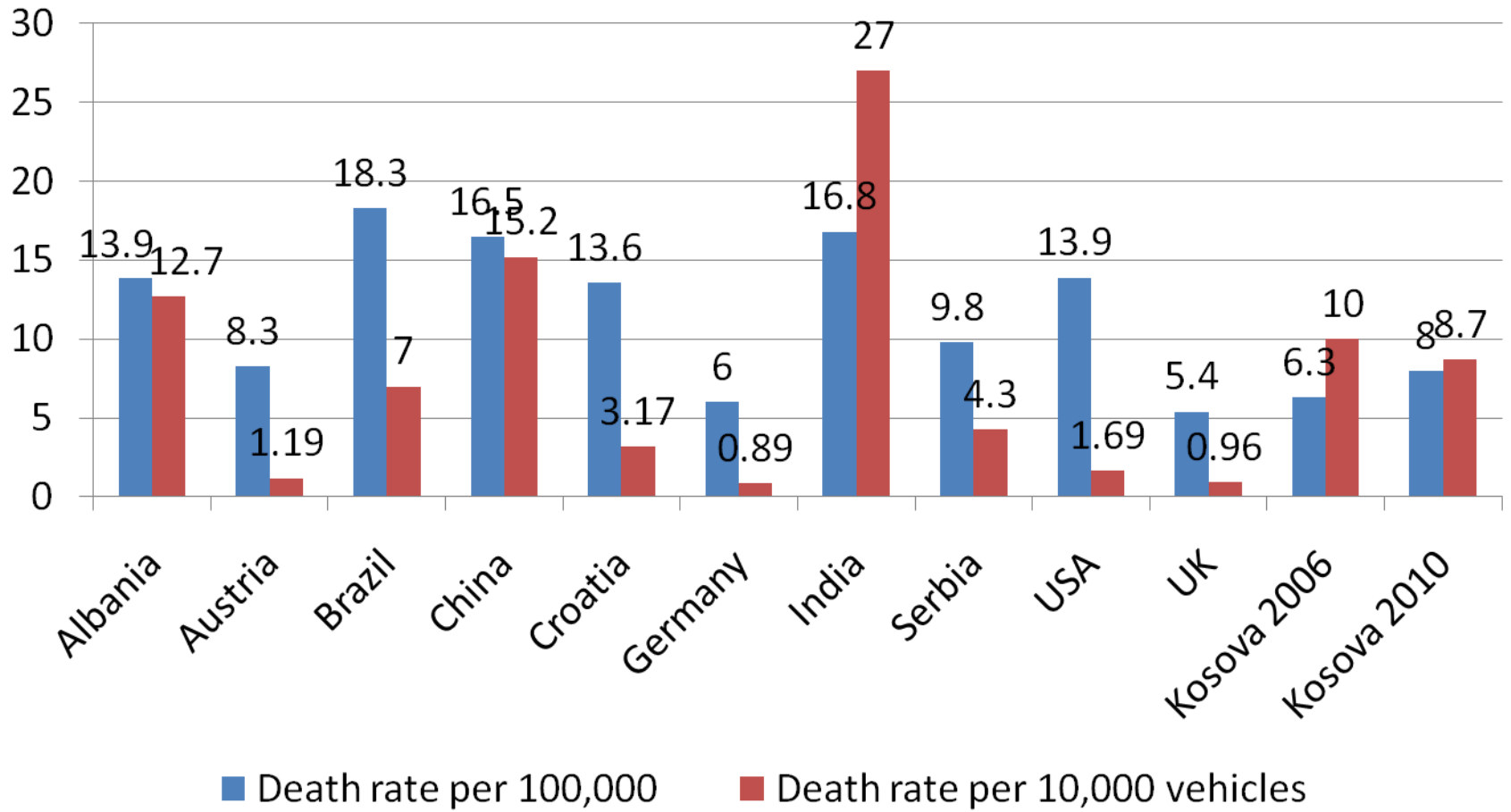
Emergency services	Numbers	Call from fix phones	Call from VALA	Call from IPKO
Unique emergency services	112	112	112	112
Police services	92; 192	92	192	192
Firemen services	93; 193; 933	93	193	933
Medical emergency services	94; 194; 944	94	194	944

# Information About Emergency Number?





# Death Rate per 100,000 Inhabitants and 10,000 Vehicles



# Three Major Recommendations from Respondents

1. Put signs and lighting in the roads
2. Improve road condition
3. Strengthen driver license procedure

# Legal Recommendations

1. Amend the Law on Road Traffic Safety, the Law on Public Health
2. Amend these by-laws: AI for Hospital Services, AI Technical Medical conditions, space and personnel according to the type of the health institution, AI On establishing a RTSC, AI Health Certificates
3. Implement article 7 of AI On Establishing a RTSC
4. Create a unique National Strategy for Road Safety and design Action Plan

# Institutional Strengthening Recommendations

1. Establish an information system of road traffic safety
2. Increase capacities of Road Traffic Safety Council
3. Appoint a coordinator in each Kosova six regions of traffic police
4. Appoint a National Data Coordinator
5. Prepare new job description and provide professional training for both coordinators.

# Health Recommendations

1. Implement the Law on Medical Emergency Services
2. Assess training needs and provide regular emergency training based on need assessment
3. Develop of an Emergency Health Service Strategy and Action Plan
4. Adopt Circle Information for both public and private health institutions
5. Develop and provide to health institutions a standard accident reporting form

# Other Recommendations

1. Spread of and increase awareness about 112 and other emergency numbers
2. Provide professional training for traffic police and drivers
3. Install cameras in traffic lights or designated positions
4. Promote national policies in public transportation
5. Increase percentage of wearing seat belt
6. Impose heavy penalties for those who cross speed limit or make many times accidents

# Other recommendations

7. Transfer the competence from MT to independent government agency to organize and undertake the examination of drivers
8. Develop decentralization programs in six regions
9. Adopt AI for list of substances or drugs that is not allowed to use before and during the driving

# Scope

- Current state of road traffic safety
- Background of Legislation
- Drivers behavior and information
- Weak coordination mechanisms
- Emergency services and emergency numbers
- Health professionals, and police training
- Best practices, comparative data and Recommendations