"Current Romanian accident recording system offers analysing possibilities of the cause to consequence relation."

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ROAD SAFETY RESEARCH CENTRE











God! Give them their afterward mind!

(Romanian saying.)

ROMANIAN ACCIDENT RECORD FORM.

STATISTICAL SHEET OF THE ROAD ACCIDENT No. Date and place of accident Date, time, day of the 02.09.2006, 04,15, Saturday Time of ambulance 04,30 week: * arrival: County: * YES □, NO X In locality: * Cluj Locality: Postal code: Road Road marking: * Safety measures: * Road category: * Lane category: Only on the side. safety barriers. highway, normal. Χ lane separation, half-buried r. reversible. country road, Χ county road. lane separation, buttons. reserved. X national road. sides. separation space. supplementary. street. non-existent green space, urgency other categories separation pillars. X reflecting pillar, non-existent Road name (street): **National road DN** Lane width: * Inclination: * 1F < 2.75m. straight, Χ Χ 2.75m-3.25m, slope. Kilometrical position, 21+641,30 meters 3.25m-3.75m. baluster, metrical: * > 3.75m slope peak Number of lanes: * 1 way Footpath: * Km sign no.6 Fixed bench-mark: consolidated. X not consolidated, Bench-mark distance: 41,30 meters no footpath

YES□, NO X

Road direction: * ascending ☐, descending X; One way: *

country road DC

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Intersection with

(street):

Conditions Road Weather Surface conditions: Road composition: conditions: * X characteristics: fog, generalized bumps, asphalt, curve, in tunnel, sleet, rare bumps, concrete, intersection. pit, earthen. snow. ditch. on bridge, normal, rock, under the bridge. flat cubical rock rain, railway, strong wind, without blizzard Light conditions: * Characteristic Road adhesion: * config. slippery, Cloudy sky, X c.f., No road light. ice. smoke (dust), L curve. flood. V curve, slime. i.road light glazed frost, double T, functional, without. wet. i.road light nonfunctional, roundabout, dry, i.road light cross, snow. star, others stopped, dusk. Y shape, S curve. dawn, simple T, daylight, blinding sun others not directional (crossroad). Signaling means: * authorized person (crossroad), barrier – human operator (railway), traffic light (crossroad), automatic barrier (railway), automatic signaling (railway), with signaling (curve), public transport station, no barrier (railway), industrial railway (railway), no signaling (railway), zebra signs & markings (crossroad),

	Restrictions:		7
	<u></u>		
	bus access interdicted,		
	car access interdicted,	X	
	animal traction vehicles		
-	interdicted,		
	special transportation vehicles interdicted,		
	cyclist access interdicted,		
	biker access interdicted,		
-3	pedestrian access interdicted,		
	animal traction vehicles		
	interdicted,		
	vehicle access interdicted, mass conditioned access,		
	give up passing,		
- 3	both way interdiction,		
	overtaking interdicted,		
	minimal distance binding,		
	change of direction interdicted,		
	height limitation,		
	width limitation,		
	length limitation, speed limitation,		
	no restriction,		
	no stopping,		
	way-wrong way priority		
	no stopping,		
	no turning right,		
	no turning left, minimal speed binding		
	minimal speed billding		
3			

-	Accident causes:	P.C.	S.C.	5. PEDESTRIANS
	1. D IRRESPONSIBLE ACTIONS 1.1. driving without license 1.2. incautious driving 1.3. illegal overtaking 1.4. pedestrian priority not granted 1.5. vehicle priority not granted 1.6. lane change without assurance 1.7. railway passage rules broken 1.8 traffic light rules broken 1.9 wrong way driving 1.10 speed not according to road conditions 1.11 speeding 2. D WRONG ACTIONS & REACTIONS 2.1. bad use of signaling and lights 2.2. vehicle distance not respected 2.3. traffic signs not respected 2.4. incorrect stationing 3. ROAD DEFFICIENCIES 3.1. other road related problems 3.2. bad road or road in construction 3.3. lack of road safety devices 3.4. non signaled obstacle 3.5. insufficient road signs 3.6. lack of visibility due to the terrain conditions 4. D OTHER CASES 4.1. sleeping while driving 4.2. other driver faults 4.3. driving under the influence of alcohol 4.4. driving under the influence of drugs 4.5. inexperienced driver 4.6. disabilities D Driver; P.C Primary cause; S.C Secondary cause			5.1. other pedestrian faults 5.2. imprudent teenagers (14-18 years old) 5.3. imprudent children (7-14 years old) 5.4. unsupervised children (0-6 years old) 5.5. pedestrians on the road 5.6. illegal street crossing 6. TECHNICAL INSUFFICIENCES 6.1. technical vehicle faults 6.2. overweight 6.3. insufficient load stability 6.4. windshield, lack or bad use of mirrors. 7. OTHER DRIVERS 7.1. animal rider departures 7.2. utility vehicle driver departures 7.3. cyclist departures Way of happening: * frontal collision front to back collision side collision chain collision stationary vehicle collision collision followed by fire road obstacle hit off road obstacle hit hit roll-over road exiting skid aquaplaning pedestrian hit animal hit

- 3	Observer		Consequences	
3	IPJ (DGPMB): *	CLUJ	No. of vehicles:	1
	PV CFL number: *	175.504/5776/P/2006	No. of dead: *	1
	PV CFL date and time: *	02.09.2006, 05,00	No. of severe injuries: *	0
	Observer (name): *	CRISTEA FLORIN GABRIEL	No. of lightly wounded: *	0
	Observer's rank: *	INSPECTOR	Unknown Y author: *	ES □, NO X
	Badge: *	01.0505	7 000 000 000 000	
	Bauge.	CJ – 0565	Other culpable:	NO
	Page 1, back Vehicle no.	CJ – 0565	Otner culpable:	NO
	Page 1, back	CJ – 0565	Brand/Type: **	VOLKSWAGEN GOLF
	Page 1, back Vehicle no. 1			VOLKSWAGEI
	Page 1, back Vehicle no. 1 Vehicle category: * Chassis number: **	CAR	Brand/Type: **	VOLKSWAGEI GOLF
	Page 1, back Vehicle no. 1 Vehicle category: * Chassis number: **	CAR WVWZZZ19ZHW039681	Brand/Type: ** Year of production: **	VOLKSWAGE GOLF 1987

Vehicle used as: ambulance, farm vehicle, t. special substances, taxi, merchandise transport,	Number of kilometers: ** <15,000, □ 015,000 - 025,000, □ 025,000 - 050,000, □ 050,000 - 100,000, □ 100,000 - 150,000, □ >150,000	 Vehicle action: * descending, running, stationary, ascending, others 	
mixed transport, human transportation, army vehicle, army vehicle not registered, ranger vehicle, police car, fire truck, other Technical status			
ITP: ** Insurance RC: ** No. of place: ** No. of occupants: ** Owner type: Owner:	YES X, NO YES X, NO 5 2 individual X, legal entity SANTAUAN CORNEL	Vehicle malfunction: steering, brakes, lights, tires, others □	Special substances: gas, flammable liquids, organic peroxides, flammable solids, s.+ water->gas non flammable, autoreactive material fuels, corrosive substances, explosive substances, radioactive substances, instant combustion s., toxic substances

Diver						
Name: *		SANTAUAN CORNEL		Address:	MAR	GHITA, STR. ÎNFRĂȚ NR. 3/30, jud. Bihor
CNP: *		1491029052851		Age: *		57 YEARS OLD
Sex: *	M X , I	= 🗆		Citizenship: *		ROMANIAN
Profession:	:	RETIRED				
Type of lice	ense:	A □, B X , C □, D □], E	Professional license	:	YES □, No □
License ye	ar:	2006		L. according to v. ca	tegory:	YES X, NO 🗌
License sta	atus:	null □, no license □], detaiı	ned □, withdrawn □,	suspen	ded 🗌
home to we business return from during vaca going on value work to hor	ork,	Travel length: local (< 50 km), average (50 < 200 km), long (> 200 km), unknown	 X 	Safety elements: * helmet, seatbelt, no safety elements	X	Psycho-physical status: * apparently normal, sudden illness, fatigue, sleepy, under the infl. of alcohol banned substances, unknown

Alcohol level: Guilt: *	0.00 No. o drivin not guilty X , main responsible □, s		2 Article:
Status: *	dead ☐, unharmed X , severely wo		
Fill in 1, front Vehicle no.			Sheet no; page
Vehicle category: * Chassis number: ** Registered: ** Registration country: Direction of movement: *	YES , NO CO	and/Type: ** ar of production: ** gistration number: lor: ** obligatory filling for the vehi	icles.
Vehicle used as: ambulance, □ farm vehicle, □ t. special substances, □ taxi, □ merchandise □ transport, □ mixed transport, □ human transportation, □ army vehicle, □ not registered, □ ranger vehicle, □ police car, □ fire truck, □ other	**	ehicle action: * scending,	

	-					
	Tachminal status					
=	Technical status					
	TITP: **	YES □, NO □	Vehicle malfunction:		Special substances:	
	Insurance RC: **	YES □, NO □	steering, brakes, lights,		gas, flammable liquids, organic peroxides,	
_	No. of place: **		tires, others		flammable solids, s.+ water->gas	
_	No. of occupants:			_	non flammable, autoreactive material	
_	Owner type:	individual □, legal entity □			fuels, corrosive substances, explosive substances, radioactive	
	Owner:				substances, instant combustion s.,	
_					toxic substances	
_	Driver					
	Name: *		Address:			
	CNP: *		Age: *			
	Sex: *	М □, F □	Citizenship: *			
-	Profession:]			
	Type of license:	A □, B □, C □, D □, E	Professional license	:	YES □, No □	
_	License year:		L. according to v. ca	tegory:	YES □, NO □	
	License status:	null □, no license □, deta	ained □, withdrawn □,	, suspen	ided	
	•					

Travel purpose: home to work, business related, return from vacation, during vacation, going on vacation, work to home □	<u>Travel length:</u> local (< 50 km), average (50 < 200 ☐ km), long (> 200 km), unknown	Safety elements: * helmet,	Psycho-physical status: *
Guilt: *	not guilty □, main responsil responsible □	ble □, secondary	Article:
Alcohol level:		No. of h of continuous driving:	
 Status: *	dead □, unharmed □, sev	erely wounded , lightly woun	nded
 ,			

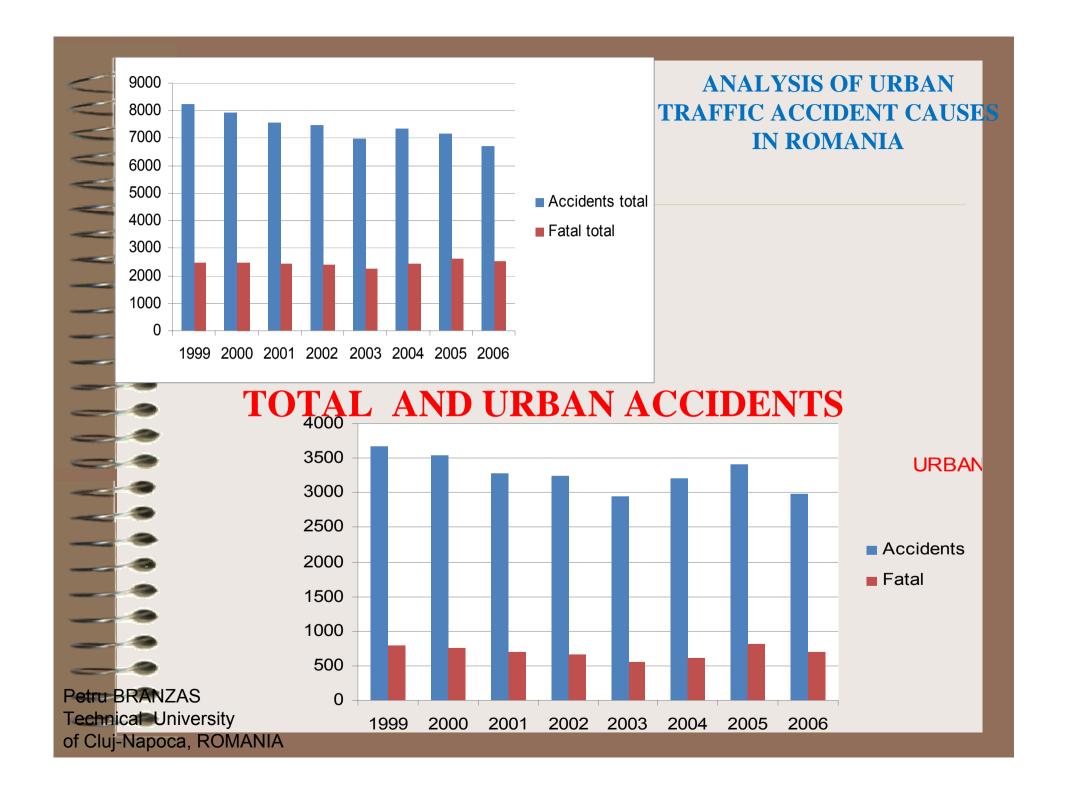
VICTIMS RESULTED FROM THE ACCIDENT

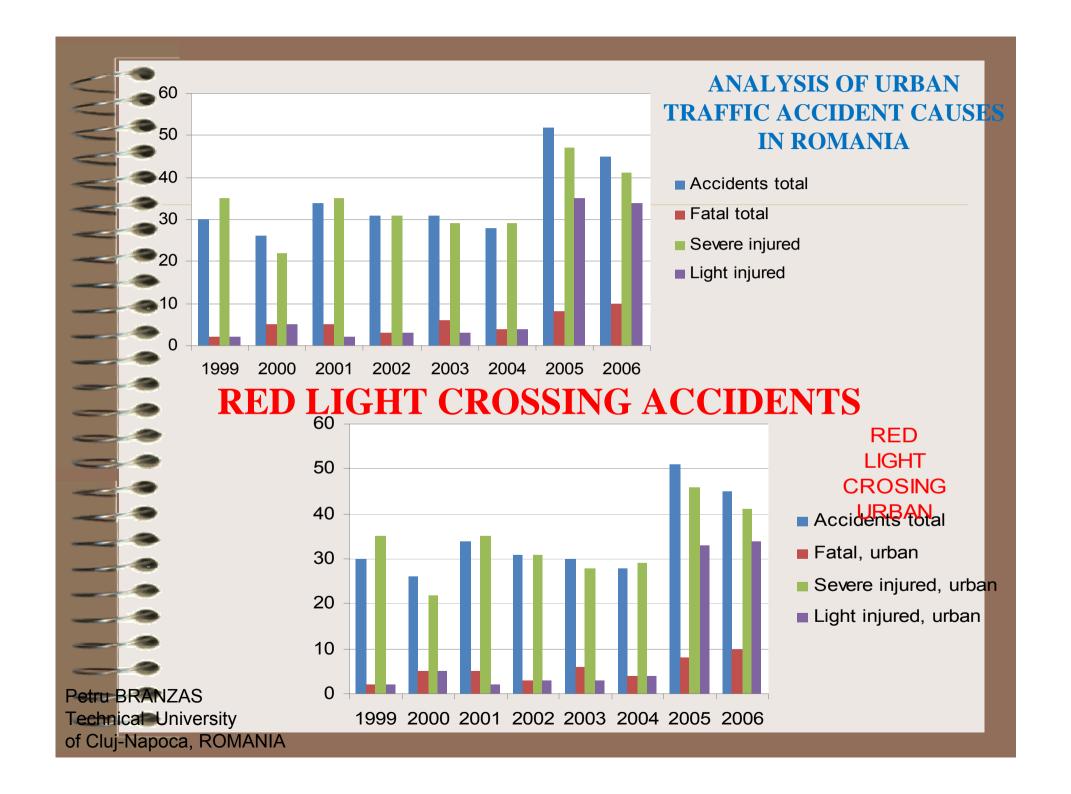
Name: *		FEIER CORINA – OLIMPIA		CNP:	2720	4201	120640
Age:	[34 YEARS OLD		Sex:	M □, F X		
Citizenship:		ROMÂNĂ] /	Address:			sat Şardu, nr. Cluj,
Type: * rider, traveler, companion, passenger, pedestrian	 x			Victim's positting, jay walking standing, bicycle pasidecar pamotorbike	g, ssenger,		front right seat, back right seat, back left seat, in the middle of the road, on the refuge, on the zebra, on the sidewalk
Safety elements: helmet, seatbelt, child seat, no safety elements,	 x	Psycho-physical status: * apparently normal, sudden illness, fatigue, sleepy, under the infl. of alcohol banned substances, unknown	 x				
Guilt: *		not guilty □, main respo	nsibl	e X, secon	dary responsit	ole	Article: 207 LIT. E
Alcohol level:				No. of h driving:	of continuous		Alcohol:
Status: *		dead X , unharmed □, se	evere	elv wounde	d 🗆 lightly we	ound	led \square

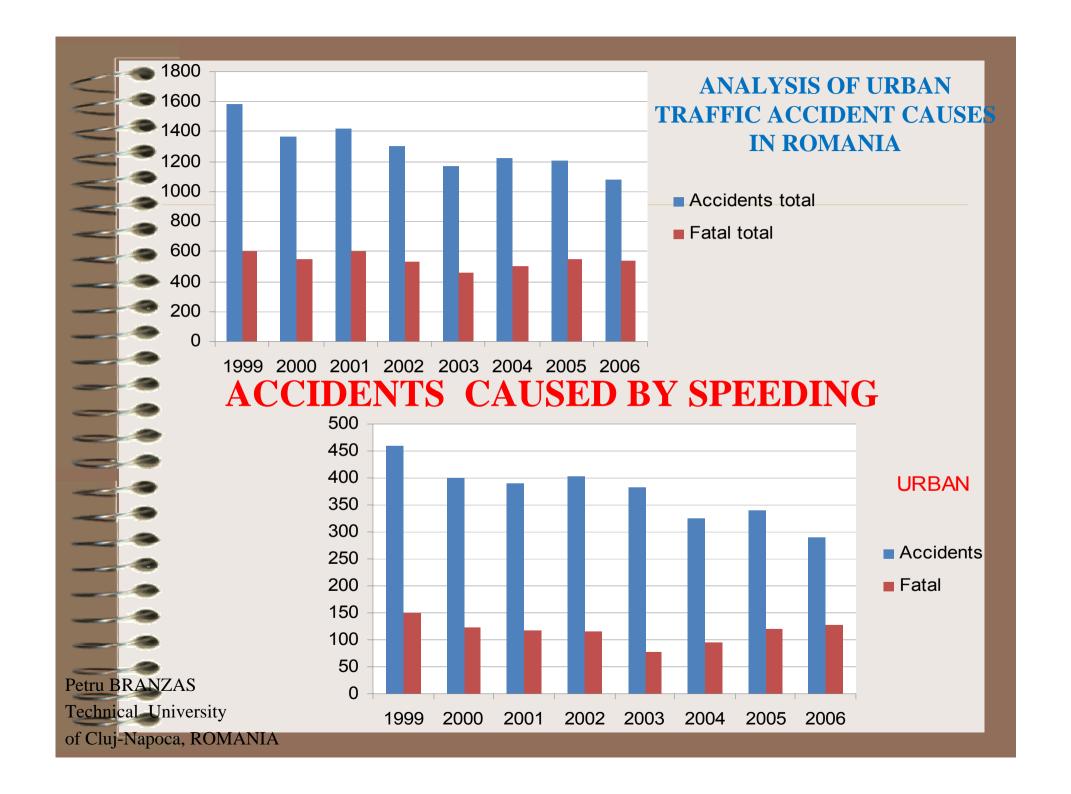
VICTIMS R Name: * CNP: M □, F □ Age: Sex: Citizenship: Address: Type: * Victim's action: Victim's position: front right seat, rider. stepping out of the v., back right seat, sitting, traveler. walking on the jay walking, back left seat. in the middle of the companion, footpath. standing, walking on the road, bicycle passenger, road. passenger, sidecar passenger, on the refuge, pedestrian stationary. crossing the road, motorbike passenger on the zebra. stepping in the on the sidewalk vehicle Safety elements: Psycho-physical status: * helmet. seatbelt. apparently normal, child seat. sudden illness. no safety elements, fatigue, sleepy. under the infl. of alcohol banned substances, unknown Guilt: * not guilty \square , main responsible \square , secondary responsible Article: Alcohol level: No. of h of continuous Alcohol: driving: dead □, unharmed □, severely wounded □, lightly wounded □ Status: *

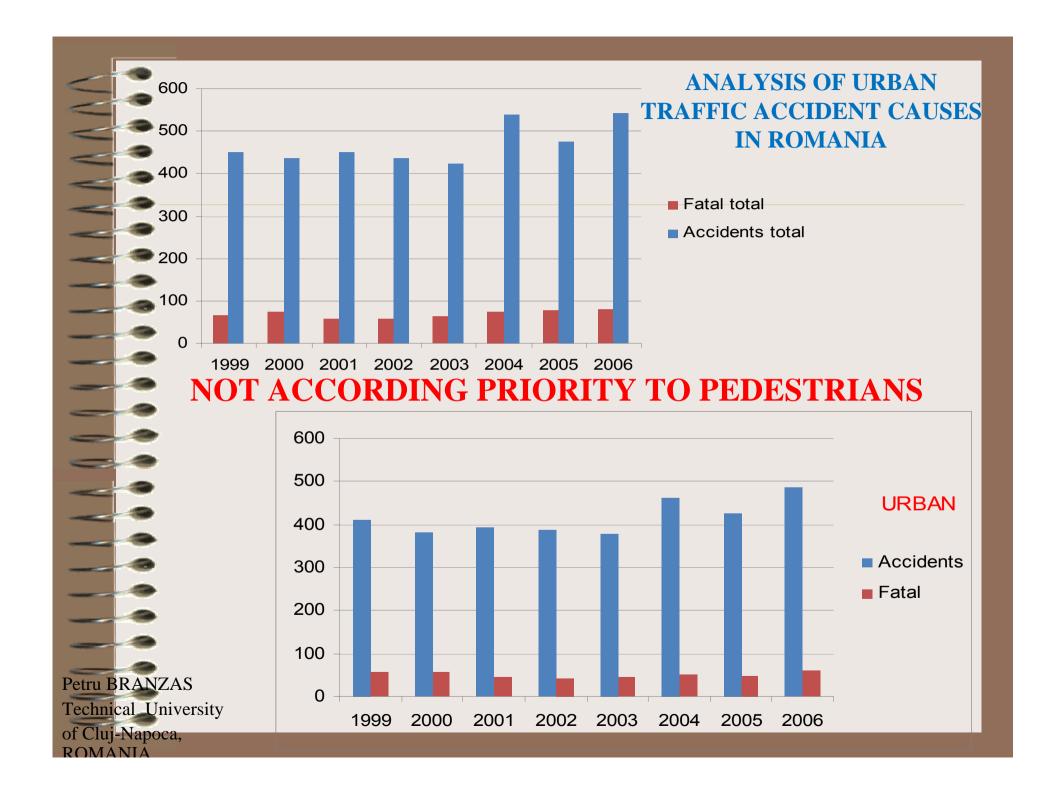
Name: *		CNP:		
Age:		Sex:	M □, F □	
Citizenship:		Address:		
Type: * rider, traveler, companion, passenger, pedestrian	Victim's action: stepping out of the v., walking on the footpath, walking on the road, stationary, crossing the road, stepping in the vehicle	Victim's positi sitting, jay walking, standing, bicycle passe sidecar passe motorbike pa	enger, \square	front right seat, back right seat, back left seat, in the middle of the road, on the refuge, on the zebra, on the sidewalk
Safety elements: helmet, seatbelt, child seat, no safety elements,	Psycho-physical status: * apparently normal, sudden illness, fatigue, sleepy, under the infl. of alcohol banned substances, unknown			
Guilt: *	not guilty □, main respons	ole □, second	ary responsible	e Article:
Alcohol level:		No. of h of driving:	continuous	Alcohol:
Status: *	dead □, unharmed □, sev	arah unan nadad	l 🖂 lightly wor	

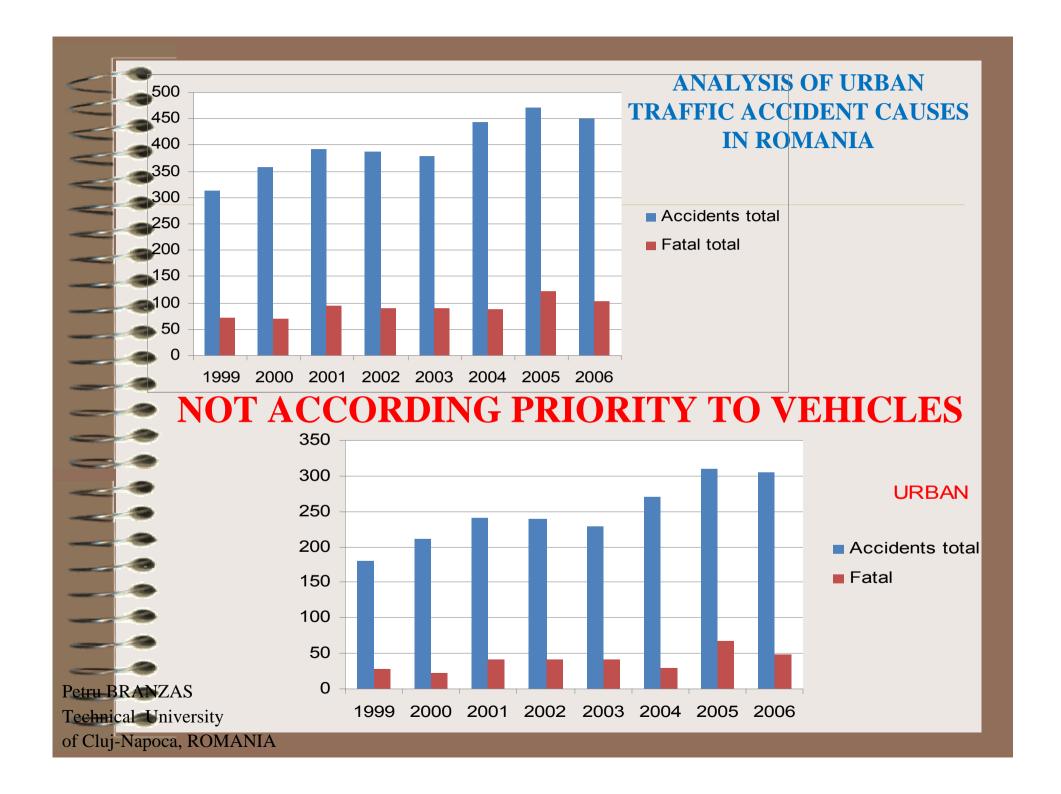
Name: *			CNP:		
Age:			Sex: M	□, F □	
Citizenship:			Address:		
Type: * rider, traveler, companion, passenger, pedestrian	Victim's action: stepping out of the v., walking on the footpath, walking on the road, stationary, crossing the road, stepping in the vehicle		Victim's position sitting, jay walking, standing, bicycle passen sidecar passer motorbike pass	nger,	front right seat, back right seat, back left seat, in the middle of th road, on the refuge, on the zebra, on the sidewalk
Safety elements: helmet, seatbelt, child seat, no safety elements,	Psycho-physical status: * apparently normal, sudden illness, fatigue, sleepy, under the infl. of alcohol banned substances, unknown				
Guilt: *	not guilty □, main respo	nsibl	le □, secondar	ry responsible	Article:
Alcohol level:			No. of h of co	ontinuous	Alcohol:
Status: *	dead □, unharmed □, s	01/0	•	lightly woun	ded \square

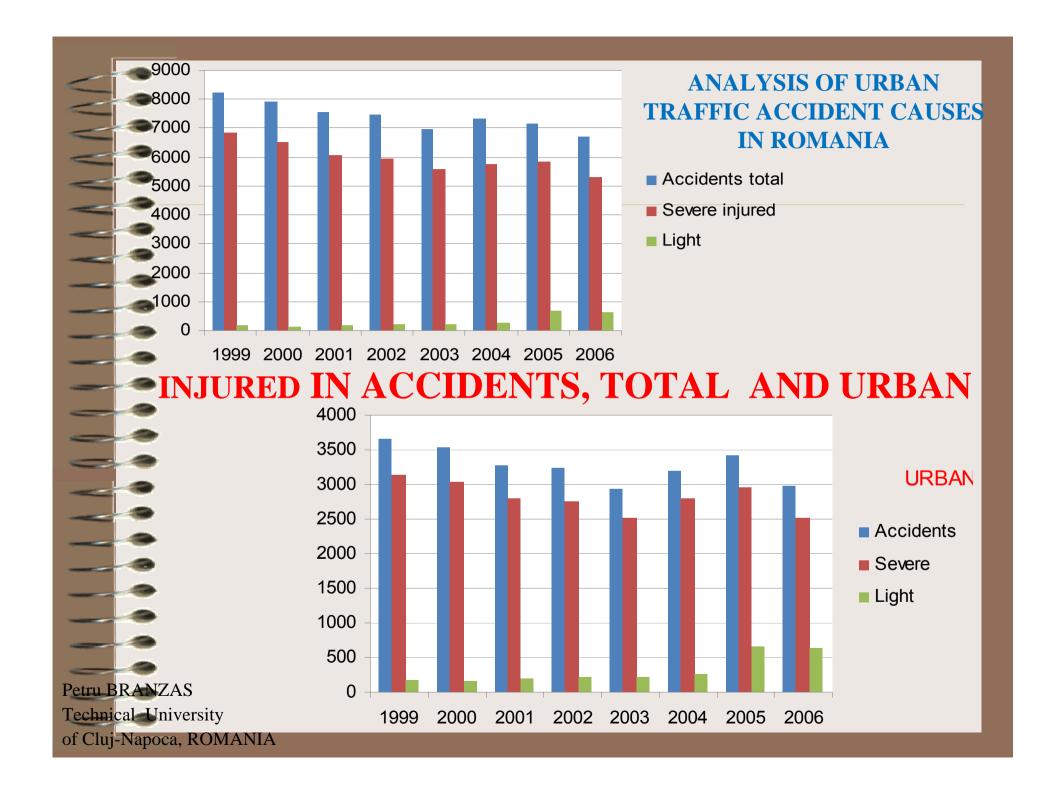


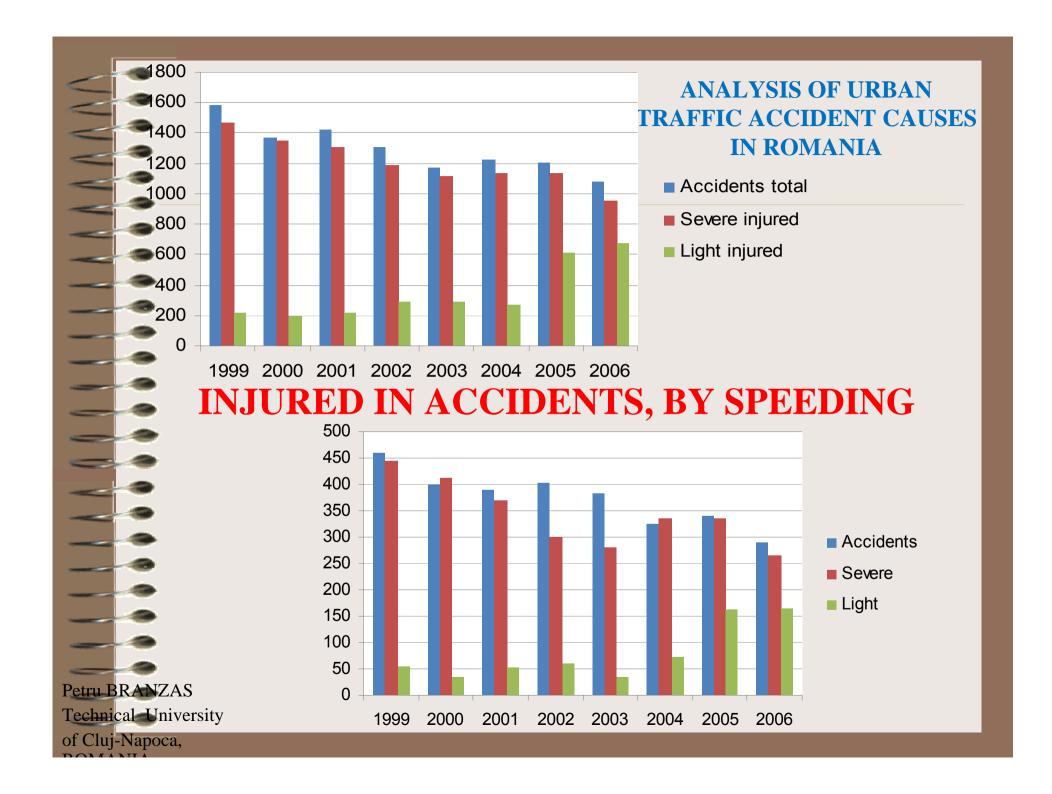


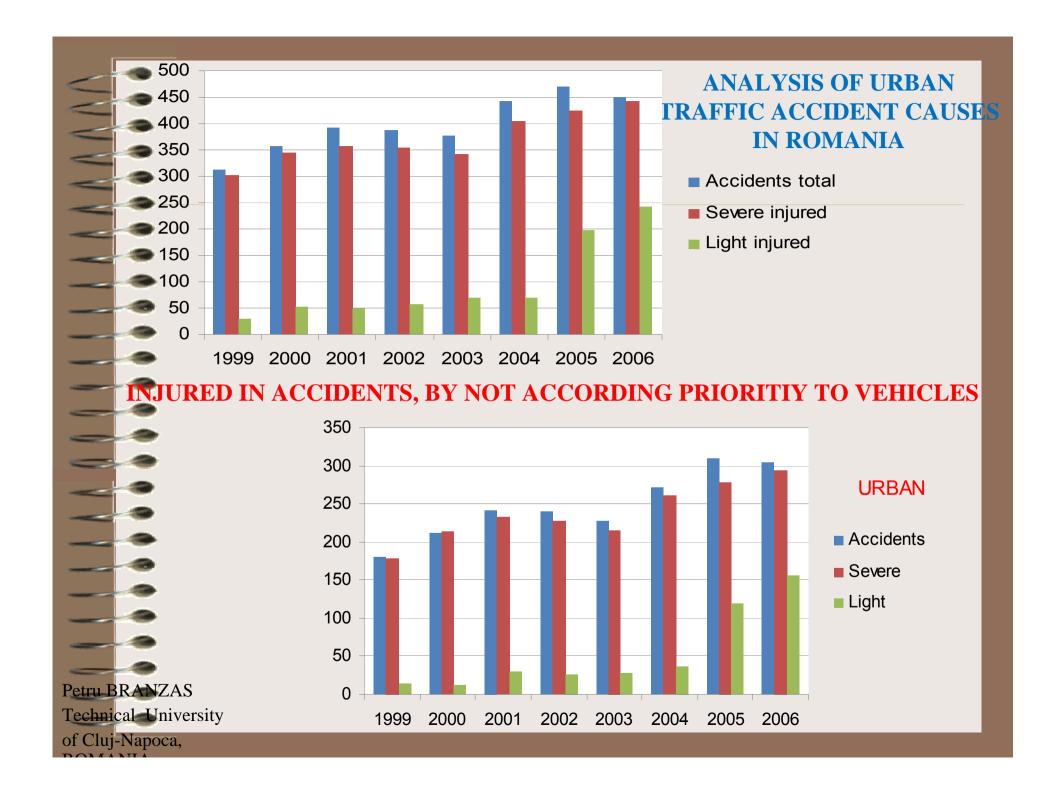


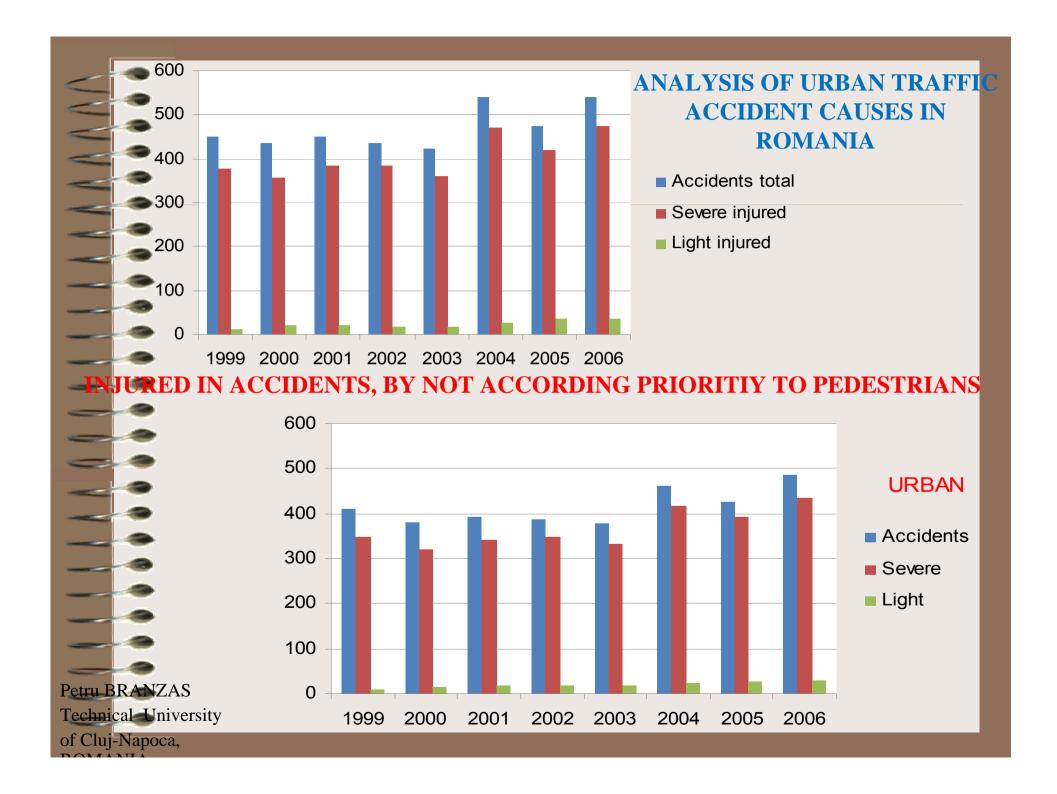


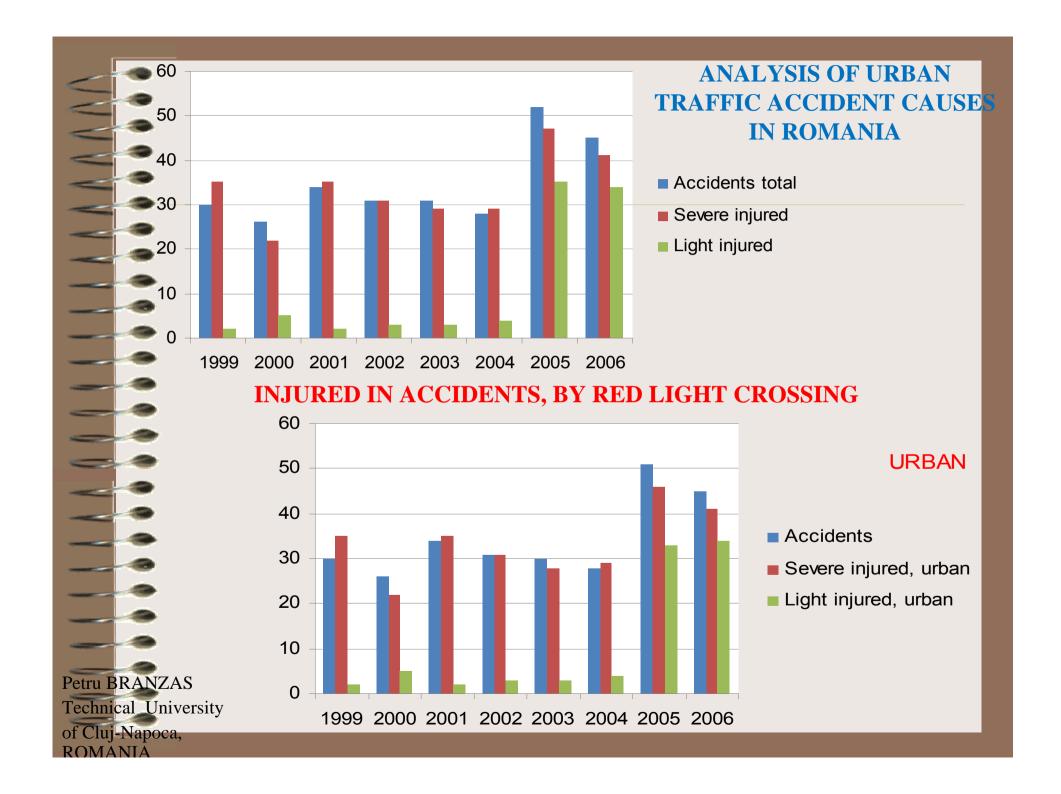


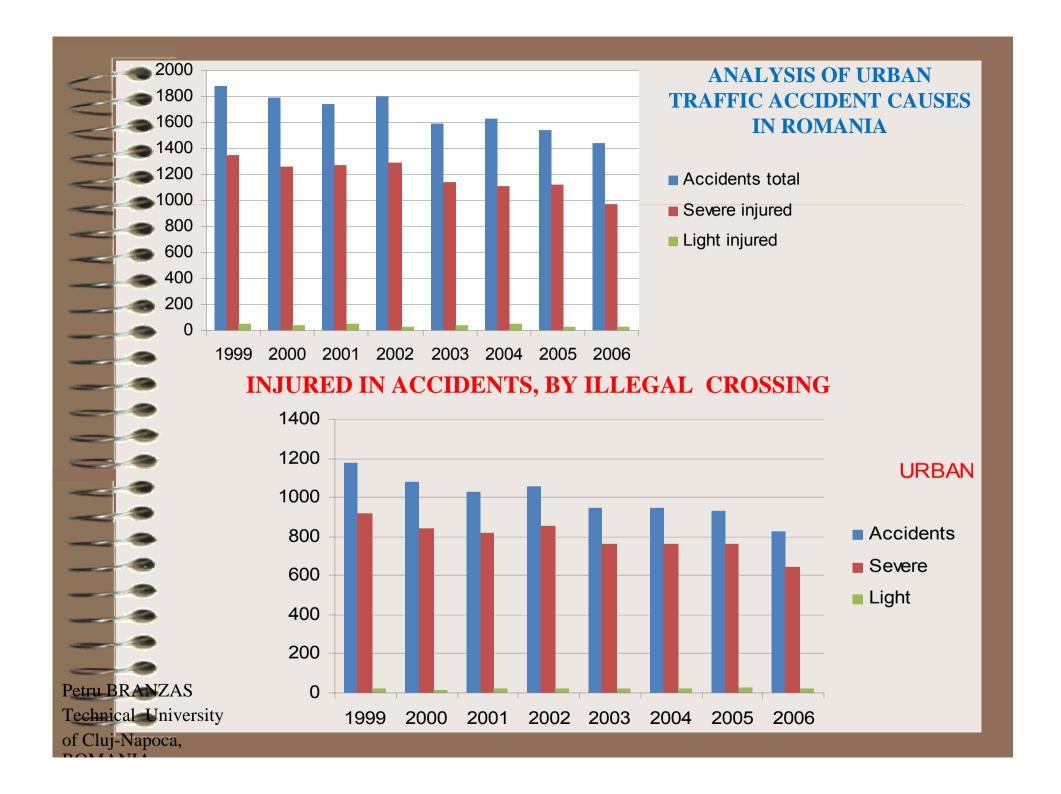


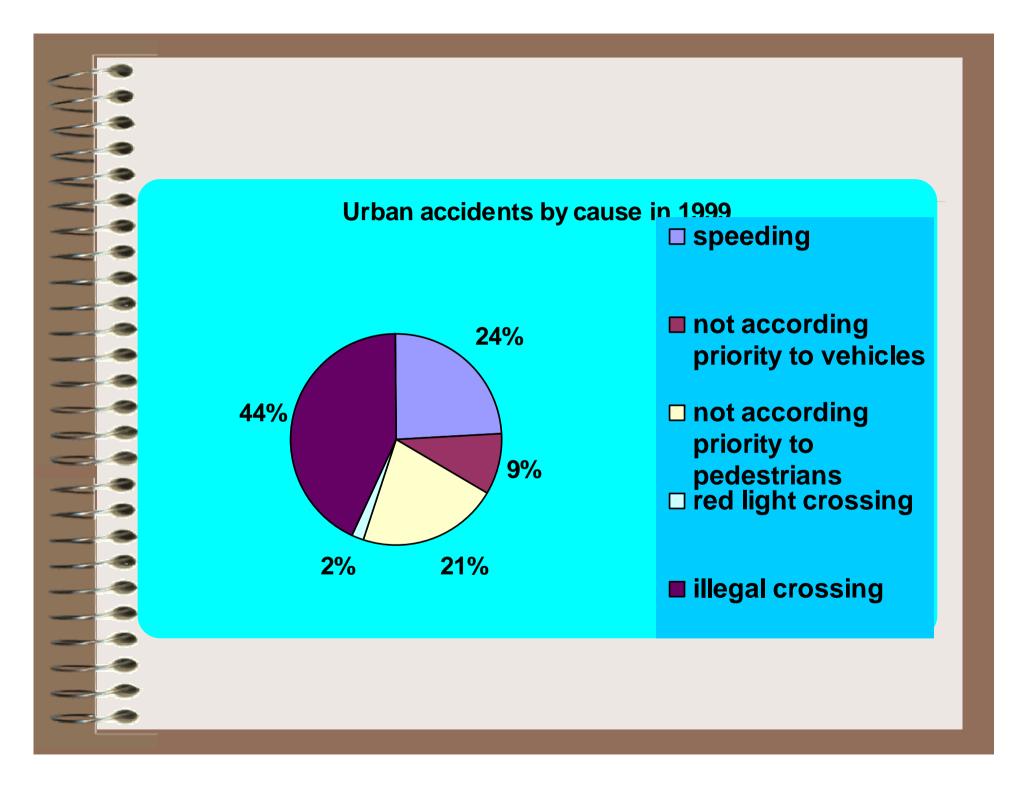








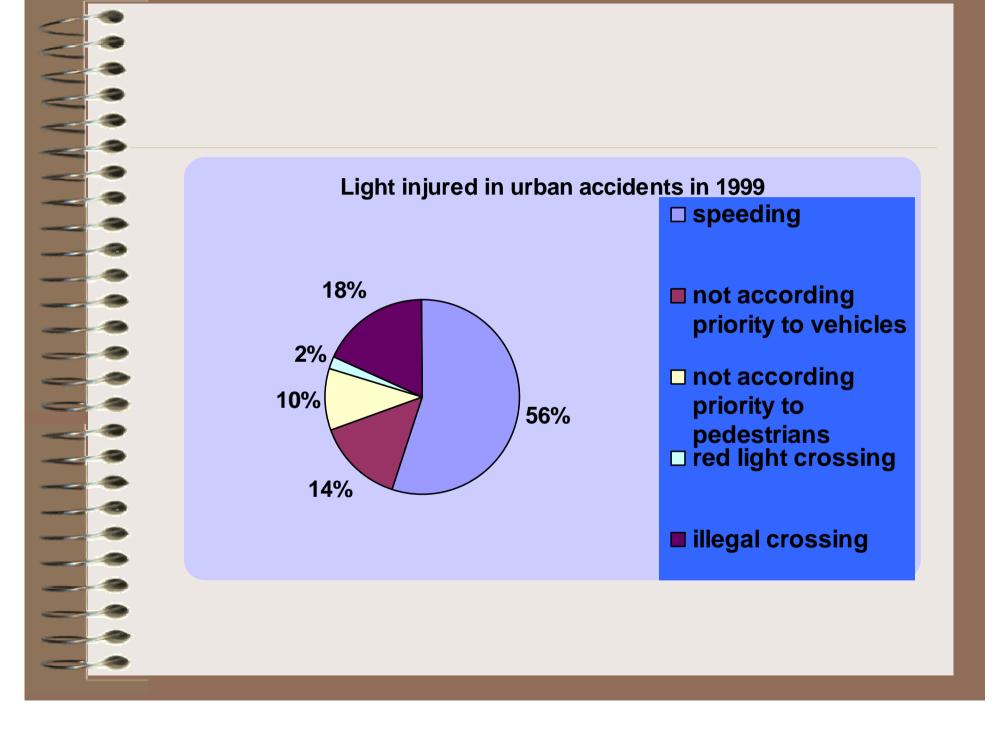




Fatal accidents in urban area by cause in 1999.

speeding **■** not according 24% priority to vehicles □ not according 44% priority to pedestrians
□ red light crossing 9% 21% 2% **■ illegal crossing**

Severe injured in urban accidents by cause in 1999 **□** speeding not according 27% priority to vehicles 39% □ not according priority to pedestrians
□ red light crossing 11% 2% 21% **■** illegal crossing



"When you are right, you cannot be too radical; when you are wrong, you cannot be too conservative."

Martin Luther King Jr.

THANK YOU FOR YOUR ATTENTION!