

Development of road traffic safety in Latvia - measures, achievements, problems.

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The objectives of the presentation

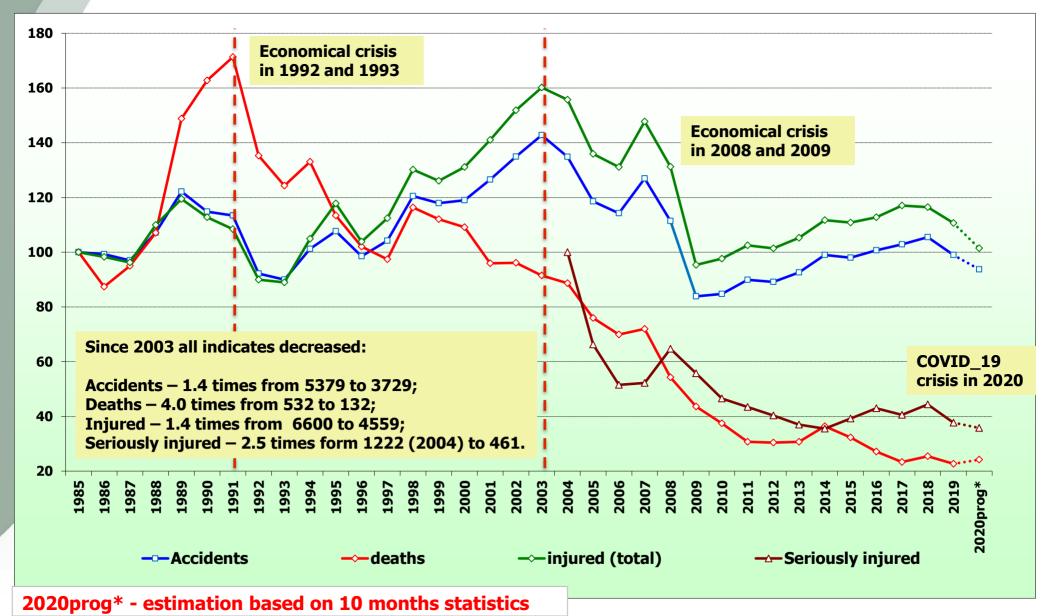
4 To show the policy of Road Safety in last 30 years;

4 To show achievements of implementation;

To show actual problems of road safety.

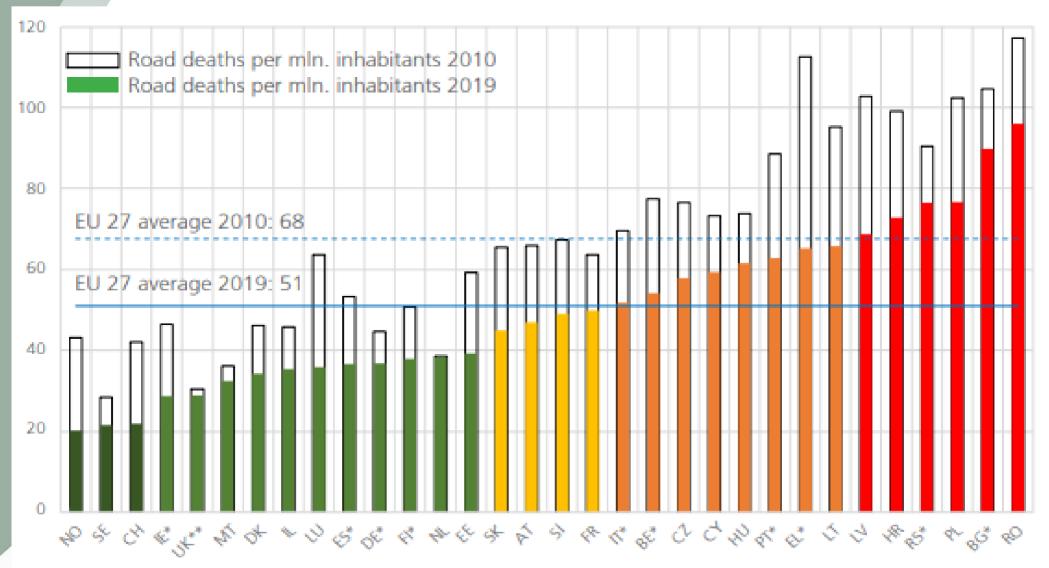


Road traffic safety indicators in Latvia





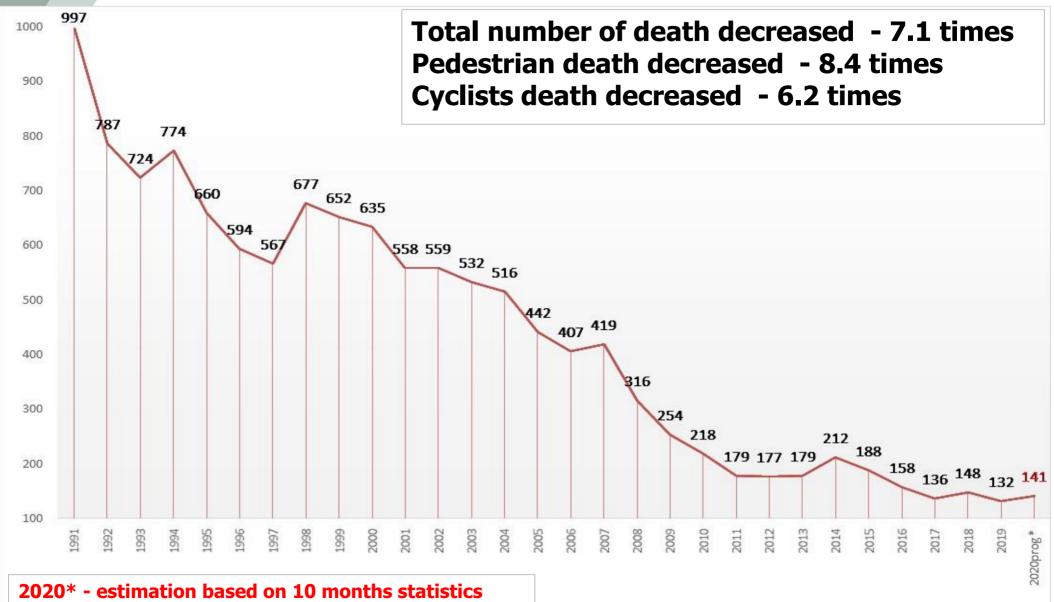
Deaths per million population



ETSC, https://etsc.eu/wp-content/uploads/14-PIN-annual-report-FINAL.pdf

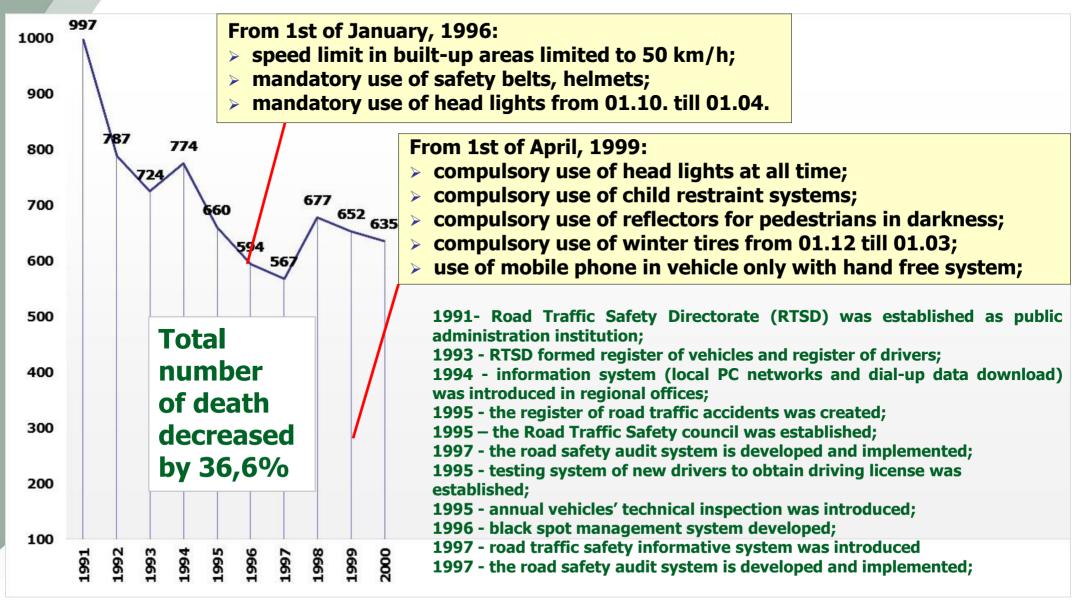


Deaths in Latvia



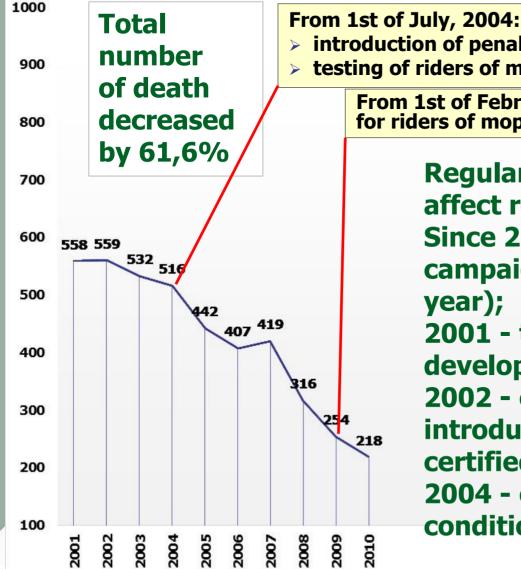


Deaths in Latvia from 1991 to 2000





Deaths in Latvia from 2001 to 2010



introduction of penalty point system;
testing of riders of moped is mandatory for obtaining license.

From 1st of February, 2009 the penalty points are also recorded for riders of moped

Regular fines increased for offences that affect road safety;

Since 2001 annual different public awareness campaigns were implemented (3 to 4 per year);

2001 - the road safety audit system is developed and implemented;

2002 - certification of replacement parts was introduced in Latvia banning sales of noncertified parts;

2004 - express diagnostics of the technical condition of vehicles on the roads;



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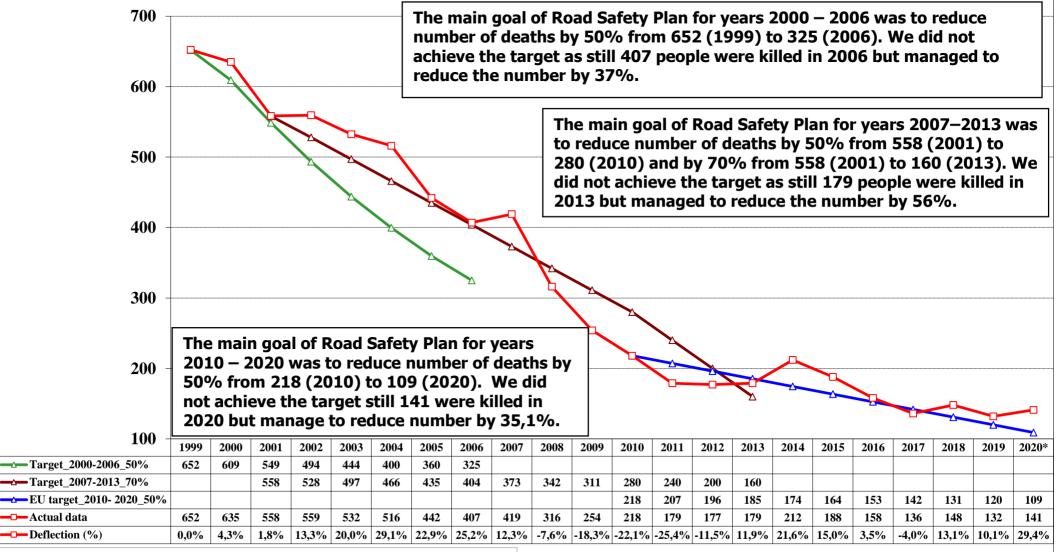
Deaths in Latvia from 2011 to 2020

	900 900	Total number	Regular fines increased for offences that affect road safety;	
٤	800	of death decreased by 21,3%	Latvia organizes 2-3 road safety campaigns every year, that changes road user's awareness and	
7	700	by 22/0 /0	behavior, for example - after road safety campaign "Life belt" the number of passengers, who uses	
e	500		seat belt, increased by 6%.	
	500		100 stationary safety cameras have been installed by the end of 2018.	t
2	400		Traffic control — traffic lights speed overtaking	-
3	300	212	Traffic control – traffic lights, speed, overtaking etc Police has unmarked police cars and mobile speed cameras that will help to increase traffic	e
	200	79 177 179 188 158 136 148		
	100	2011 - 2012 - 2013 - 2013 - 2014 - 2015 - 2015 - 2016 - 2017 - 2018 - 20	2020*	

2020* - estimation based on 10 months statistics



Main goals of Road Safety plans



2020* - estimation based on 10 months statistics



Monitoring of implementation of program

Since 2001 annual monitoring is done, the monitoring includes:

1.Estimation of actual road safety situation – achievements and losses;

2.Execution of the program implementation, legislative changes and trends in the EU;

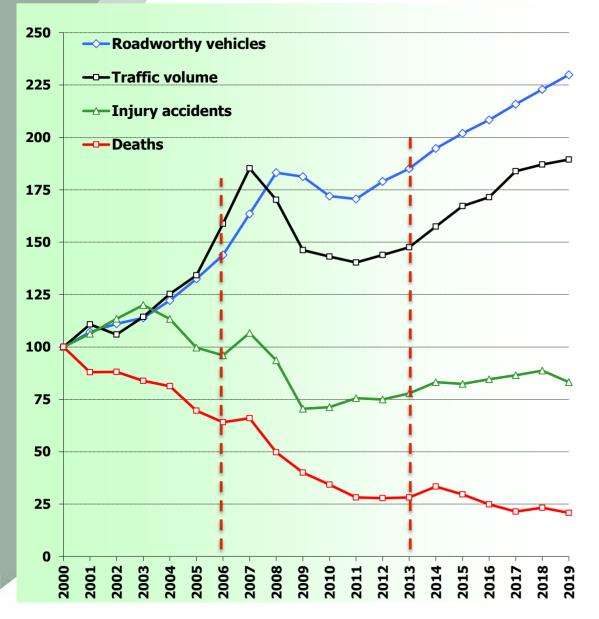
3.Assessment of fulfilment and realization of program defined tasks;

4.Achievements and effectiveness of implementation of programme by using cost benefit analyses;

5.Conclusions and recommendation.

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Indicates of realisation of road safety plans



From 2000 till 2006

Number of vehicles increased by 43,9% Number of traffic volume increased by 58,8% Number of accidents decreased by 4,0% Number of deaths decreased by 35,9%

From 2007 till 2013

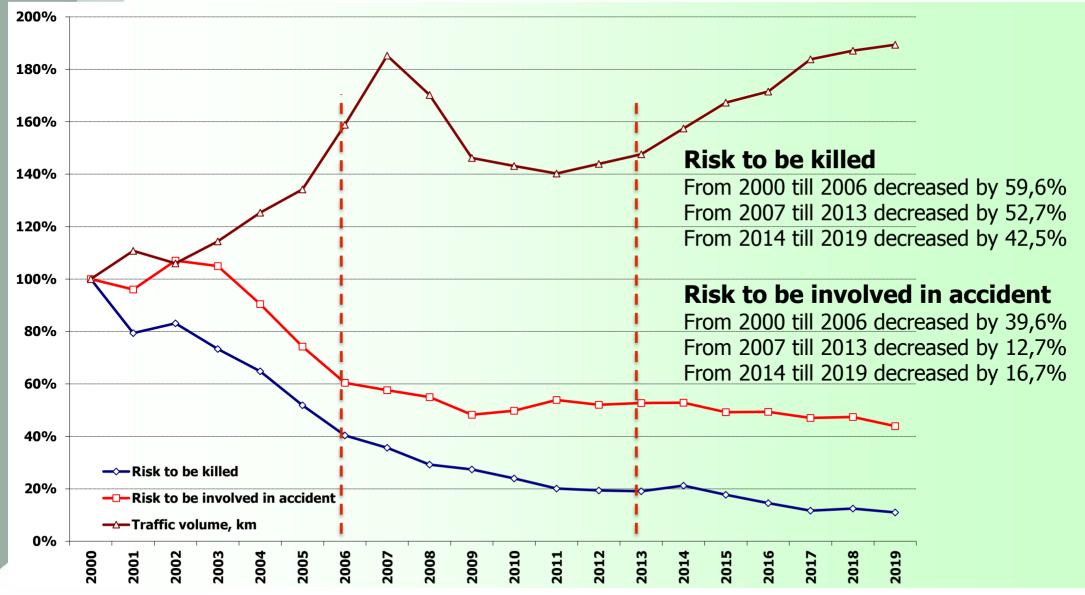
Number of vehicles increased by 28,6% Number of traffic volume decreased by 7,1% Number of accidents decreased by 18,9% Number of deaths decreased by 56,0%

From 2014 till 2019

Number of vehicles increased by 24,2% Number of traffic volume increased by 28,3% Number of accidents increased by 6,9% Number of deaths decreased by 26,3%



Traffic volume and risks



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Benefits of realisation of road safety plans

Killed						Injured												
Years	Average of 1998- 1999	Actual data		Losses of deaths, EUR Benefits, EUR		Average of 1998- 1999 Actual data		Losses of injured, EUR		Benefits, EUR	Average of 1998- 1999	Actual data	Losses of accident, EUR	Benefits, EUR	Total benefits, million EUR			
2000	664	635	5	227	7850	6	6607654	5280) 54	-02	4735		-577709	4491	4482	1787	16084	6,05
2001	664	558	8	314	4066	33	3291020	5280	58	311	5028		-2670096	4491	4766	1830	-503199	30,12
2002	664	559	9	328	8580	34	4500849	5280	62	59	5706		-5585896	4491	5083	1895	-1121997	27,79
2003	664	532	_		6350		3078184	5280	_		5757		-7599160	4491	5379	1952	-1733536	33,75
2004	664	510	-		8239		1539422	5280	-	16	5691		-6465530	4491	5081	2003	-1182008	43,89
2005	664	442			6479		3578355	5280	-		4920		-1574493	4491	4466	2225	55634	82,06
2006	664	407	/	39:	3176	101	1046354	5280) 54	-04	5541		-687042	4491	4302 Total ba	2282	431352 years 2000-2006	100,79 324,44
<u> </u>							-		_									
2007	4:	55	419	19 2868		286831 1		010 5	807	6088	51	02	-1435304	4616	5 4781	1831	-301517	8,59
2008	4	55	316	5	33864		47071818 58		807	5408	.08 430		1716391	4616	4196	2321	975431	49,76
2009	4	55	254	1	308754 62		620595	512 580		3930	303	36	5697693	4616	3160	2436	3547107	71,30
2010	4	55	218	3	308838 73194		731946	510 5	807	4023	41	01	7313961	4616	3193	2378	3384380	83,89
2011	4	55	179		3526	18	973226	523 5	807	4224	42	63	6746908	4616	3386	2392	2942957	107,01
2012	4	55	177	7	3549	22	986682	.93 5	807	4179	43	26	7041453	4616	3358	2430	3057976	108,77
2013	4	55 179 35054		350540 967489		980 5807 433		4338	4230		6212460	4616	3489	2416	2723785	105,69		
	Total benifits for years 2007-2013										535,02							
2014	4 1	78	212	2	5000	83	-170028	322 4	247	4603	3 43	12	-1535072	3411	3728	2436	-772212	-19,31
2015	5 1	78	188	3	5148	75	-51487	750 4	247	4566	5 42	93	-1369467	3411	3692	2510	-705310	-7,22
2016		78	158	3 4	4749	57	94991		247			60	-1587861		3792	2044		7,13
2017	7 1	78	136	5	4739	48	199058	331 4	247	4824	40	03	-2309556	5 3411	3875	2117	-982454	16,61
2018	3 1	78	148	3			146602	219 4	247	4798	3 45	39	-2501082		3975	2178		10,93
2019) 1	78	132	2	502718 231250			247	4559	9 44	48	-1387915	5 3411	3729	2229	-708964	21,03	
2020*	1	78	141	l	5027	'18	186005	74 4	247	4181	44	48	295363	3411	3531	2229	-268343	18,63
															Total be	enifits for	years 2014-2020	47,80

2000 - 2006

Benefits ~ 324 million, EUR Saved 999 lives Total number of injured people increased by 4532

2007 - 2013

Benefits ~ 535 million, EUR Saved 1443 lives Total number of injured people decreased by 8457

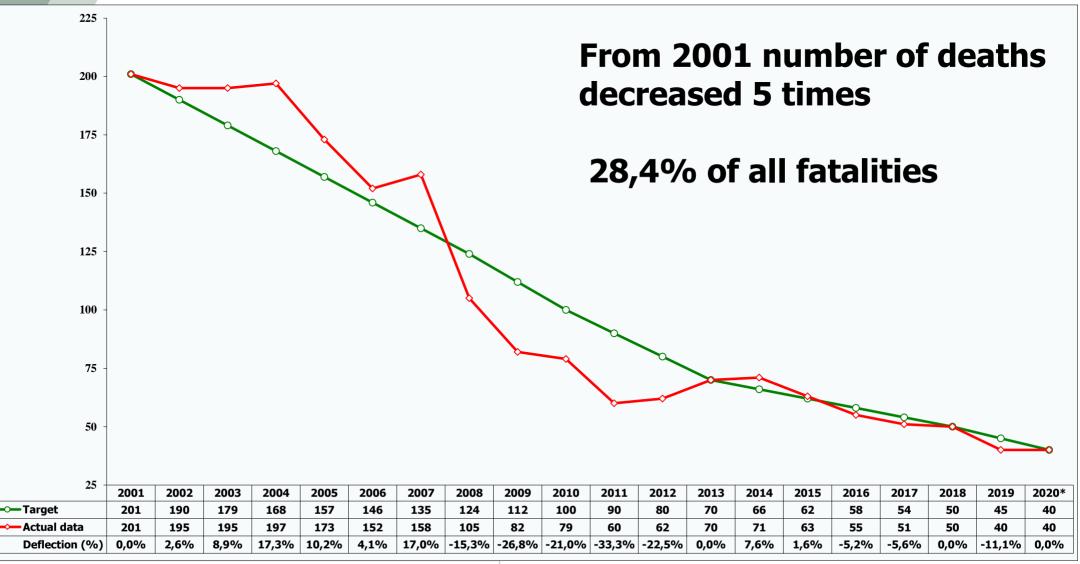
2014 - 2020

Benefits ~ 47 million, EUR Saved 131 lives Total number of injured people increased by 2450

2020* - estimation is based on 10 months statistics



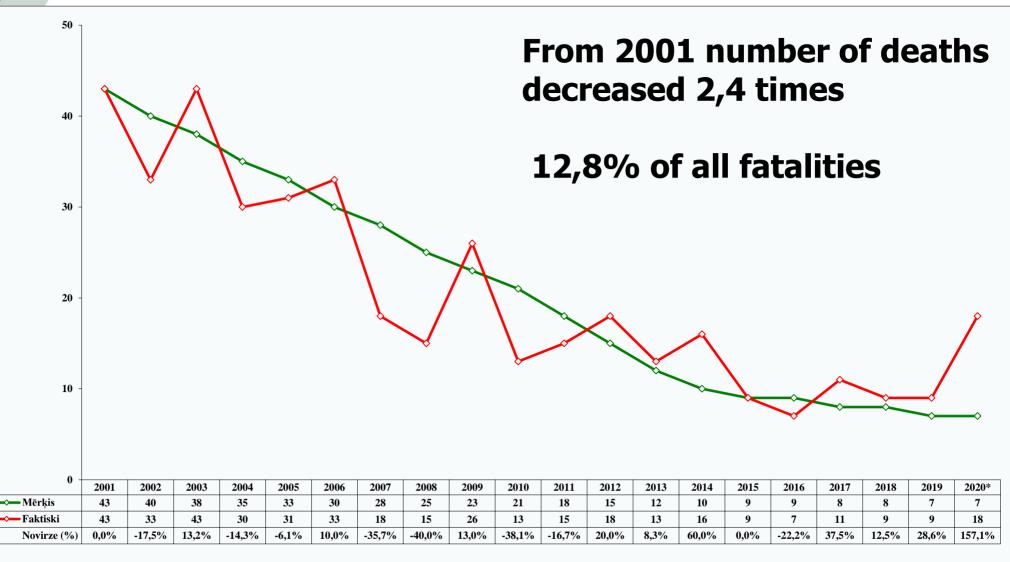
Ensuring safety of pedestrians



2020* - estimation based on 10 months statistics



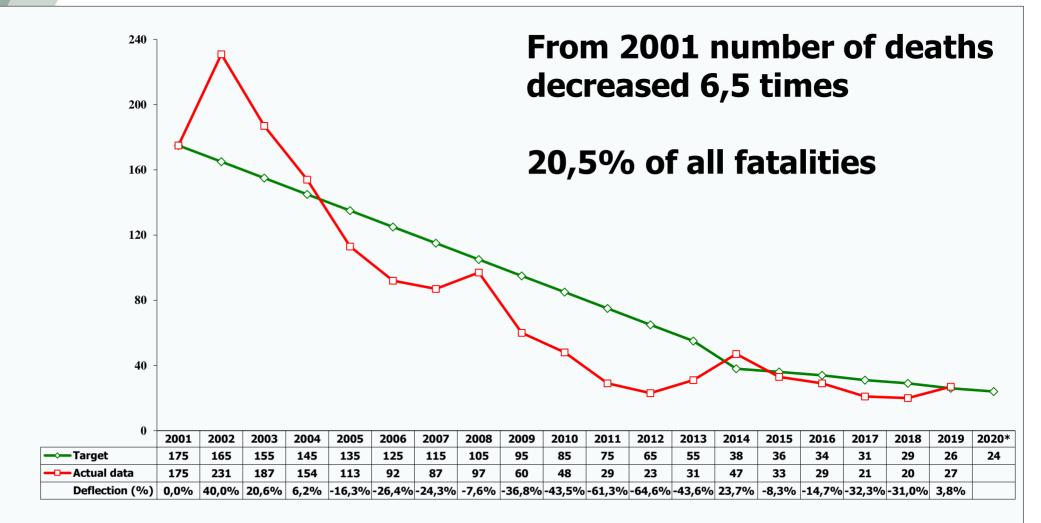
Ensuring safety of cyclists



2020* - estimation based on 10 months statistics

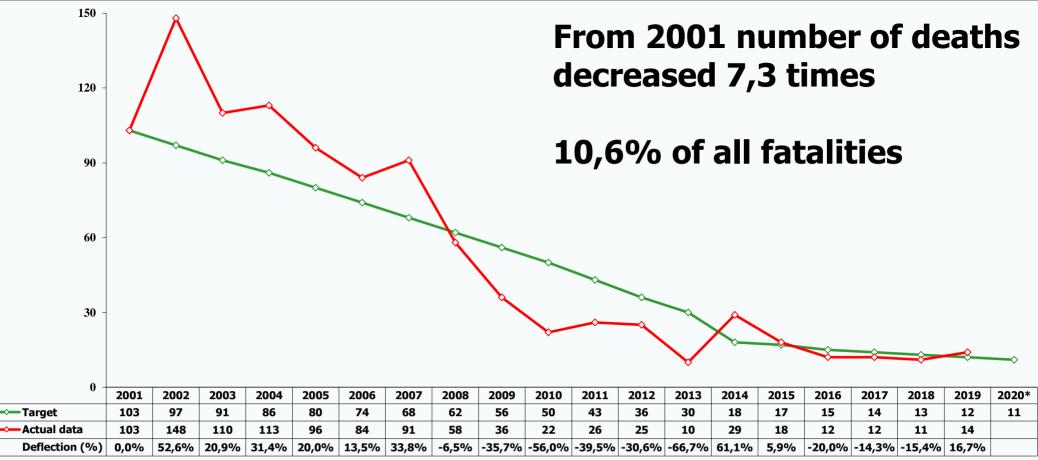


Ensuring the keeping of safe driving speed





Extermination of driving under the influence of alcohol



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Use of helmets and implemented measures

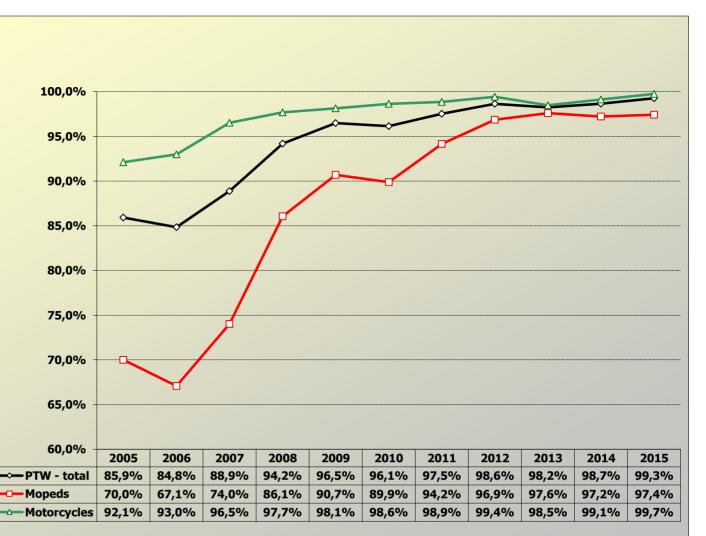
Fines for driving without the helmet

From 01.07.2004 - 10 LVL From 09.03.2007- 20 LVL.

Penalty points

From 13.10.2006. the one penalty point are given to the riders of motorcycle for driving without the helmet.

From 1st of February, 2009 the penalty points are also recorded for riders of moped.



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CASUALTIES BY CATEGORY OF ROAD USER IN 2019

Deaths								Injur	ed		of them Seriously injured					
	Driver	Passenger	Total	70	0	Driver	Passenger	Total	70	0	Driver	Passenger	Total	0	•	
Pedestrian		_	40	30,3%				794	17,4%				106	23,0%		
Car	46	16	62	47,	47,0%		928	2153	47,2%		102	113	215	46,6%		
Other vehicle	12	5	17	12,	9%	206	357	563	12,3%		18	16	34	7,4	7,4%	
Bicycles	9	0	9	6,8%		607	6	613	13,4%		43	0	43	9,3%		
Mopeds	1	0	1	0,8%		118	12	130	2,9%	23,0%	13	3	16	3,5%	22.00/	
Motorcycles	1	0	1	0,8%	9,8%	251	33	284	6,2%		34	5	39	8,5%	23,0%	
Quadricycles	2	0	2	1,5%		17	5	22	0,5%		5	3	8	1,7%		
Total	71	21	132	100,0%		2424	1341	4559	100,0%		215 140 4		461	100,0%		

1.Problem - Safety of cars occupants
2.Problem - Safety of pedestrians
3.Problem - Safety of cyclists



CASUALTIES IN 2020 (10 MONTHS STATISTICS)

		Deaths		Injured					
	2019	2020	%	2019	2020	%			
Passenger cars	54	51	-5,6%	1810	1699	-6,1%			
Pedestrians	31	31	0,0%	610	537	-12,0%			
Cyclists (scooterists)	5	16		559	608	8,8%			
Riders of motorcycle	1	6		275	238	-13,5%			
Riders of moped	1	2		125	120	-4,0%			
Quadricycles	1	1		19	29	52,6%			
Other	12	5		471	317	-32,7%			
Total	105	112	6,7%	3869	3548	-8,3%			



Main conclusions

- The road safety in Latvia is improved during last 30 years;
- Despite of achievements the level of road safety in Latvia is worse than the average level of European Union;
- According to statistics the road safety situation has worsened in 2020.



Thank you for attention!