

**ANALYSIS OF ROAD TRANSPORT INCIDENTS THAT OCCURRED DURING
2019 AND 2020 BY ROAD TYPES OF INJURIES AND DEATH FROM THEM**

Olimova Madinabonu Makhmudovna

He is a student of the Faculty of Medicine of the Urganch branch of TTA

Abstract: In Khorezm region, in 2019-2020, the number of car accidents, injuries and deaths from car accidents is high mainly on the roads of state importance. It was 13 times higher than car accidents on international roads, 2.3 times higher than local roads, 4 times higher than city roads and 25 times higher than domestic roads. Injuries were 13 times higher than international roads, 2.1 times higher than local roads, 3.8 times higher than urban roads, and 23.4 times higher than domestic roads. The death rate was found to be 7 times higher than the level on international roads, 4 times higher than the level on local roads, 7 times higher than city roads and 23.4 times higher than domestic roads.

Key words: ways, events, injury, death, analysis.

Abstract: V Khorezmskoy oblasti v 2019-2020 godax vysokoe kolichestvo dorozno-transportnyx proisshestviy, travm atizm i smertnost preimushchestvenno vstrechaetsya na dorogah gosudarstvennogo znacheniya. Ustanovleno chto na v 13 times higher than the international road, and 2.3 times higher than the local road, and 4 times higher than the city road and 25 times higher than the domestic road. Traumatism is 13 times higher than the international rate, 2.1 times higher than the local rate, 3.8 times higher than the city rate, and 23.4 times higher than the intramural rate. The mortality rate was determined to be 7 times higher than the international value, 4 times higher than the local value, 7 times higher than the city value and 23.4 times higher than the domestic value.

Keywords: medicine proisshestvie, traumatism, mortality, analysis.

Road transport and communications are also developing in our country, like all industries . Such changes are a problem related to the level of social development of the population [1,2] . The development of the network causes some problems in the field of traffic safety, such as the occurrence of traffic accidents, the loss of life or various injuries, the occurrence of traffic jams on highways and city streets, and environmental pollution [3]. The worst part of the problem is the physical loss of people. This is a social problem of our society [4,9]. A number of Laws and Decisions are being adopted by our government in order to eliminate these problems and improve traffic safety. In particular, the decision of the President of the Republic of Uzbekistan dated July 11, 2017 No. 3127 "On measures to further improve the road safety system" was adopted in order to further improve the road safety system [1,2].

In 2011, 10,611 car accidents were registered in Uzbekistan, and 2,161 deaths and 112,228 injuries were recorded. It is noteworthy that 3,896,000 road violations were registered in Uzbekistan, and 1,588,000 of them were serious violations [8,10,11]. It is noted that the most dangerous days in the occurrence of traffic accidents are the fifth and sixth days of the week, and special attention is also paid to Sundays and Mondays. Mallif said that in 10 months of 2016, 58,885 motor vehicle collisions were registered and 6,932 people died and 90,314 people were injured. Driving over pedestrians is next, with 41,370 incidents, 4,667

deaths and 38,981 injuries in the past period [5,12,13]. More than 30,000 people die on Russian roads and 200,000 are injured annually. According to statistics, one out of every ten cases occurs in children, and more than 1,500 children die, and 20,000 minors are injured and most of them become disabled for life [6,7].

From the above, it became clear that injuries, disabilities and deaths caused by car accidents cause not only social, demographic, medical, but also a large amount of economic damage to the society.

The purpose of scientific research. Based on the materials provided by the Khorezm Regional Road Patrol Autoinspection (GAI), road traffic accidents (YTH) that occurred in 2019 and 2020, the causes of injury and death caused by them, were studied and compared. The obtained data were statistically analyzed.

Result and discussion. In 2019, 4,116 road traffic accidents and 3,596 road accidents in 2020 were recorded in our country, and while it decreased by 13% in dynamics, 2,929 people were injured in 2019 and -2,605 people in 2020. 1196 deaths were observed in 2019 and 991 in 2020. The fact that 22.9% of the mentioned incidents happened on international roads, 48.9% on state roads and 28.2% on local roads means that the problem is one of the serious medical-social, organizational and economic issues in the country.

In the analysis of the dynamics of accidents, injuries and deaths in Khorezm region in 2019-2020, a number of specific features were observed .

Road types	Distribution of accidents by road types	Distribution of the number of injured by road types	deaths by road types
International	4.1%±0.55	4.1±0.62	9.4±1.39
State	55.7±1.38	53.8±1.56	64.1±3.03
Local	24.1±1.2	25.5±1.37	15.6±1.73
Internal roads	2.2±0.04	2.3±0.47	2.1±0.68
City streets	13.8±0.96	14.2±1.09	8.7±1.34
A total of 2 years	100% (489)	100% (388)	100% (158)






It can be seen that 2 accidents occur every 3 days on regional roads. Accidents, injuries and deaths from car accidents are of national importance being high on the roads that have.

Accidents were 13 times higher than international roads, 2.3 times higher than local roads, 4 times higher than city roads, and 25 times higher than domestic roads.

Injuries were 13 times higher than international roads, 2.1 times higher than local roads, 3.8 times higher than urban roads, and 23.4 times higher than domestic roads.







that the death rate was 7 times higher than the level on international roads, 4 times higher than the level on local roads, 7 times higher than the level on city roads, and 23.4 times higher than the level on internal roads .

road accidents recorded in Khorezm region in 2016-2020 by road types (%) (R±m)

Road types	2019	2020	Reciprocity
International	4.1±1.26	3.3±1.14	1.24 
State	55.5±3.17	57.0±3.16	1.03 
Local	22.4±2.66	34.7±3.04	1.5 
Internal roads	1.22±0.70	0.82±0.57	1.5 
City roads	16.73±2.38	4.13±1.30	4.1 
Total	245	244	1

As can be seen from the data presented in the table, in 2020 compared to 2019, there was a slight decrease in traffic accidents on international roads and internal roads, but it can be seen that it increased by 4.1 times on city streets and by 1.5 times on local roads and by 1.03 times on national roads. .

injuries from car accidents recorded in Khorezm region in 2019-2020 by road types (%) (R±m)

Road types	2019	2020	Reciprocity
International	3.52±1.31	3.1±1.25	1.1 
State	53.5±3.56	55.7±3.58	1.05 
Local	22.0±2.95	35.9±3.46	1.6 
Internal roads	1.53±0.87	1.0±0.71	1.5 
City streets	18.3±2.76	4.2±1.44	4.4 
Total	196	192	1.02 

According to the level of car accidents recorded in the studied area during the past year 2020, the highest level of injured people remained on the highways of state importance and local importance and increased by 1.05 and 1.6 times, respectively. But its decrease was observed on international, domestic and city streets. This can be observed due to the relatively few cars and people on these roads, the fact that it is not possible to drive a car at high speed due to the condition of the roads not being up to the level of demand, and the relatively good innovations introduced in the traffic management works on the city roads recently, and a number of other factors.

Distribution and dynamics of deaths from car accidents recorded in Khorezm region in 2019-2020 by road types (%) (R±m)

Road types	2019	2020	Reciprocity
International	10.1±3.37	6.4±2.75	1.6 ↓
State	68.3±5.20	61.5±5.10	1.1 ↓
Local	13.9±3.89	23.0±4.73	1.6 ↑
Internal roads	3.60±2.09	2.56±1.77	1.4 ↓
City streets	7.6±2.98	6.41±2.75	1.2 ↓
Total	79	79	1

One of the saddest things that happen due to car accidents is death. 158 people died due to car accidents on regional roads during the past two years. In contrast to injuries, it was found that the death from car accidents in 2020 compared to 2019 decreased on international (1.6 times), state (1.1 times), domestic (1.4 times) and city roads (1.2 times), but on local roads its level increased by 1.6 times compared to 2019.

Summary : Accidents, injuries and deaths are mainly observed on national and local roads.

Most of them meet in these ways:

- speed on the roads;
- speed level of cars;
- that the roads are not at the required level;
- the large number of cars;
- is happening due to factors such as traffic jams in the coming years.

References:

1. Resolution of the President of the Republic of Uzbekistan dated July 11, 2017 No. 3127 "On measures to further improve the road safety system"
2. Concept of ensuring road safety in the Republic of Uzbekistan in 2018-2022
3. Usmanova M.N. Podkhod otsenki faktorov navyki voditelya pri obespe cheniya bezopasnosti dvizheniya. Vestnik TADI. Scientific and technical journal. 4.2016g. 90-93 str.
4. Usmanova M.N. Directions for organizing traffic in major cities. Business-Expert. No. 8, 2019. 42-44 pages
5. Sagynbekova G.S., Alymseitova J.K. Sravnitelnyy analiz dorojno-transportnyx proisshestviy Kyrgyzskoy Respubliki s otheri stranami i razrabotka rekomendatsiy//Izvestiya vuzov Kyrgyzstana.-2017.-№9.-p.28-30.

6. Vedyashkin V.I., Ulrich S.A. Obespechenie bezopasnosti dorozhnogo dvizheniya v transportnoy sisteme goroda/Maternaly X mejdunarodnoy nauchno-prakticheskoi konferentsii, posvyashchennoy 85-letiyu so dnya rojdeniya d.m.n., prof. L.G. Reznika Organization and safety of road transport.-Tom 1.-2017.-p.24-28.
7. Dedov A.A Struktura detskogo dorozhnogo-transportnogo traumatizmaz Voronezhskoy oblasti// Vestnik novykh meditsinskikh tekhnologiy, vol. XVIII, #2/ pod ed. A.A. Khadartseva.-2011.-S.513-515.
8. <https://www.gazta.uz/ru/2020/10/14/dtp/>
9. Jumaniyazov KY, Bakhtiyarova AM, Kurbanova NN Peculiarities of distribution of traffic accidents in Khorezm region by population and age// International Scientific Practical Conference. Czech Republic. P.13-15.
- 10 . Jumaniyazov KY, Bakhtiyarova AM, Kurbanova NN deaths and injuries as a result of road accidents and the role of cardiovascular diseases in them//International Scientific and Practical Conference. Polish. P. 34-37.
- 11 . Jumaniyazov KY, Bakhtiyarova AM, Kurbanova NN Peculiarities of Distribution of Traffic Accidents in Khorezm Region by Population and Age American Journal of Medicine and Medical Sciences 2023, 13(7): 1020-1025 DOI: 5923/j.ajmms.20231307.37
- 12 . Jumaniyazov KY, Bakhtiyarova AM, Ismailova BP//European Chemical Bulletin 2023, 12(Issue 8), 2055-2062.
- 13 . Olimova M.M, Jumaniyazov K.Y Travma i smertnost pri avtokatastrofax / Sbornik statey XXIX Mejdunarodnogo nauchno-issledovatel'skogo konkursa, sostoyavshegosya 5 November 2023g. v g. Penza. P.189-195.