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ANALYSIS OF TRAFFIC ACCIDENTS IN ON-STREET PARKING AREAS

Soliyev Akhrorbek Farkhodbek oglu
Andijan State Technical Institute
Assistant of the Department of "Transport Logistics"

Telefon: +998934427142

A comprehensive analysis of road accidents is important as a basis for developing management decisions in the field of road safety, including improving its organization. The organization of traffic safety on city streets and roads is becoming one of the most important problems today. At the same time, the amount of damage caused by cars to the environment is also increasing day by day, and many people are injured and killed as a result of road accidents. Every year, about 1.35 million people die in car accidents around the world. Also, from 20 to 50 million people receive serious injuries, most of whom become disabled due to injuries [1-2].

Despite a number of measures taken to prevent road accidents (RAs), their number has not been reduced. This makes it necessary for experts to take a very serious approach to road safety issues. To ensure traffic safety, it is necessary to take a scientific approach to it, analyze all its complex processes [3-4].

1.8-jadval

2021 yilda Respublika bo'yicha sodir bo'lgan YTHlar [20].

Hududlar	**Umumiy YTH**	**Halok bo'lganlar**	**Jarohatlanganlar**
Toshkent shahri	1073	188	1910
Toshkent viloyati	1336	526	1706
Samarqand viloyati	1129	463	1442
Sirdaryo viloyati	202	93	221
Jizzax viloyati	321	222	545
Buxoro viloyati	436	96	302
Navoiy viloyati	329	150	348
Farg'ona viloyati	1469	304	1823
Andijon viloyati	848	214	948

1.8-jadvalning davomi

Namangan viloyati	1082	222	1497
Surxondaryo viloyati	376	186	454
Qashqadaryo viloyati	552	267	497
Xorazm viloyati	342	113	365
Qoraqalpog'iston Respublikasi	506	196	646
Respublika buyicha	**10001**	**3240**	**12704**

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According to statistics (Table 1.8), more than 3,000 people died and more than 12,000 were injured in 2021. Many factors influence the occurrence of road accidents. Vehicles parked along the carriageway also have a significant impact on the increase in the number of road accidents.
On-street parking is a common form of parking, known for its land use efficiency and convenience for drivers, as it allows them to park their vehicles close to their destination. There are some advantages and disadvantages to on-street parking, which vary depending on the circumstances.
[5-6].
One of the factors that increases the risk of accidents in on-street parking is the narrowness of the road. Vehicles parked on the side of the road leave less room for vehicles already on the road, forcing them to drive closer to oncoming vehicles in the next lane.
[7].
In Norway, accidents involving parking spaces account for 2.4% of all accidents, with 30% being crashes into parked cars, 25% being crashes into pedestrians who have stepped out of the way of parked cars, 15% being crashes while passing parked cars, and 8% being crashes into and entering parking spaces.
[8].
In several developed countries, there are many requirements and benefits for local residents and visitors for on-street parking and separately organized parking areas (Table 1.13).
In addition, the term “Smart Parking” is also widely used in foreign countries today. Of course, the development of technology today is the reason for the emergence of such terms [9].
Smart parking is a system that uses smart sensors and smartphone applications to inform and guide the driver about the available parking spaces in nearby parking lots, and the driver can receive information about the available spaces near his home from his smartphone. These smart parking lots bring great convenience to drivers, namely: the driver does not spend a lot of time looking for a place for his car, in addition, they also bring many conveniences in parking lot management.
To effectively manage parking lots, you need to have more information: how many parking spaces there are; what time of day; how long; how many cars use a particular space per day, etc. To obtain such information, “Smart” technology must be available. These technologies allow you to monitor parking lot occupancy online. Such technology is a smart street parking system.

Foydalanilgan adabiyotlar:

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