

Drug Problem Among Pedestrians

Myron Kukhta (xkukht01)

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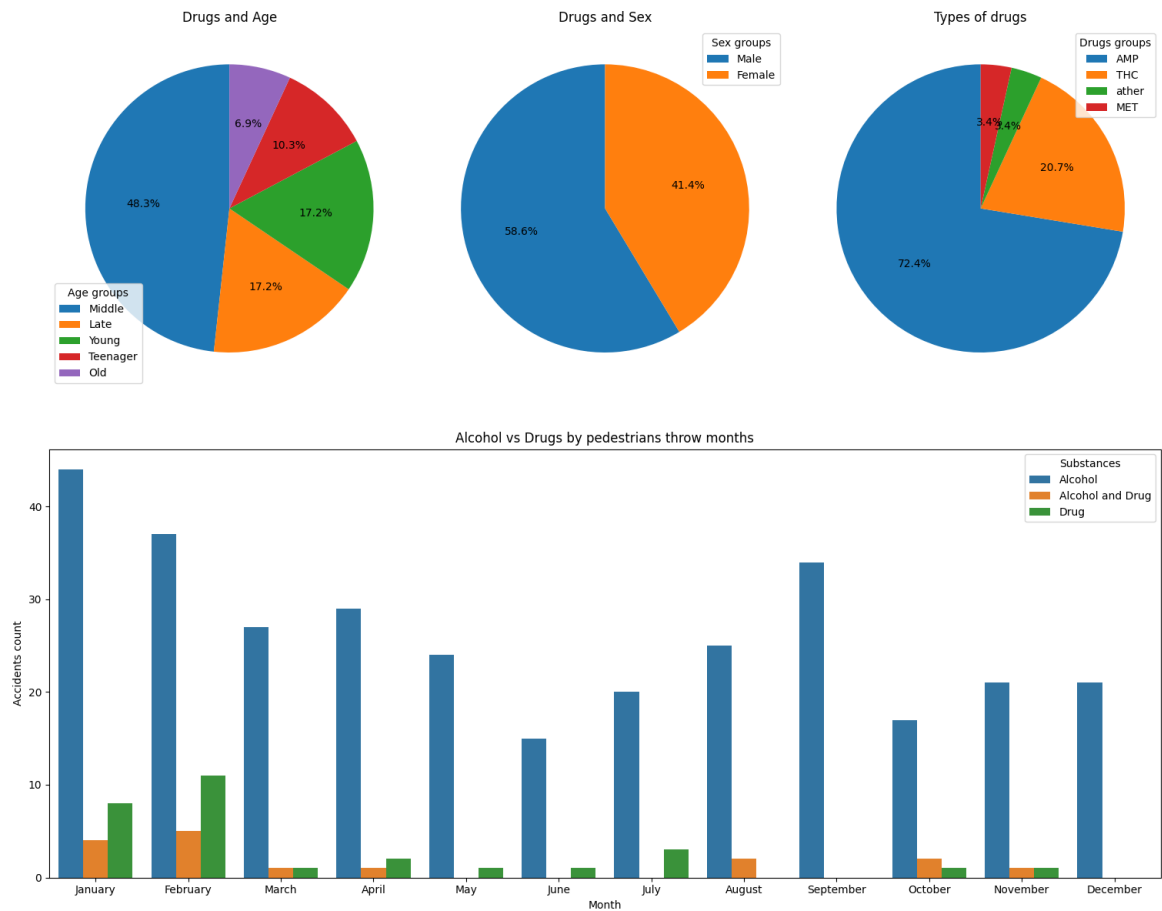


Figure 1: Generalization of the drug problem

My research aims to investigate the effects of drugs on pedestrians and consequently road traffic accidents. The effects of chemicals (including alcohol and drugs) on the human body when involved in road traffic, regardless of the role played (driver or pedestrian), lead to potential accidents, as they alter a person's ability to reason and assess the situation. Although alcohol clearly dominates

as a cause of many events, drugs are also part of this process, as can be seen in the graph. This is mainly due to the lack of legal restrictions on the sale and use of alcohol among adults, which results in a higher frequency of use. In turn, drugs are a large area of criminal activity and studying the spread of drug-related accidents among pedestrians would speak directly to the presence of more organized distribution of substances in areas, so this study would also be potentially useful to the country's police.

The total number of accidents involving pedestrians under the influence of drugs accounts for 1 % of all incidents, 27% of these accidents resulting in the death of a pedestrian, which accounts for every 4 victims, it is a serious statistic. Financial losses range from 0 to 800000 CZK with a mean value of 138966 and this is not to mention the losses incurred by the state in the purchase and use of drugs by the victims, as the money was sent to sponsor crime.

Most of the victims of such conditions were in the winter months, which is influenced first by bad weather conditions, because winter complicates the coordination of a drunk person on the road. And secondly, by the mental factor, as winter time provokes deterioration of mood and depressive states, which is dangerous for people with drug addiction and unstable psyche, and push them to relapse. The main risk group are middle-aged men, under the influence of amphetamine and marijuana. Amphetamine is one of the most dangerous and potent drugs, and a person in this state will be subject to deep psychosis and will not be able to perform the function of a pedestrian. A person under the influence of THK is more capable, but the dominance of this substance is due to its excessive popularity among the population and creates statistical pressure on the data.

	drug type	region	sex	month	age
0	AMP	JHM	Male	February	43
1	MET	PLK	Male	July	43
2	THC	JHM	Male	January	24
3	ather	PHA	Male	January	84

Figure 2: Average pedestrian victim under the influence of a particular type of drug

In order to analyze in more depth the range of buyers of each substance type, I have conducted a survey in an attempt to make an average portrait of them, which can be seen in the table below. Heavy chemical drugs are dominated by a group of middle-aged men from the South Moravian or Plzen region. Marijuana is more popular among young people in South Moravia. Therefore, there is a strong presence of organized crime in these regions of the country, which is involved in the sale of hard drugs and the provoking of young people in illegal activities.

Drivers are strongly advised to pay attention to the behavior of other people around them, as the most responsible driver can unfortunately become a victim of someone else's stupidity.