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# Bc. Veronika Havlíčková

Preference uživatelů marihuany: srovnání výsledků výzkumů z let 2015 a 2017

Preferences of a marijuana user: comparison of research results from 2015 and 2017

Diplomová práce

Vedoucí práce: Ing. Jiří Vopravil, Ph.D.

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### **Abstract**

Background: Marijuana in Europe among the most widely used drugs. Her popularity among young people is increasing. According to research by the European Monitoring Center for Drugs and drug addiction are among the countries with the highest prevalence of cannabis use in Europe. Previous research does not specify consumption and ways to obtain marijuana on the black market, and do not provide much more information on domestic production. In recent years, widespread use of cannabis products used to treat health problems.

**Objective:** The aim of the research was to determine how to change the preferences of active users of marijuana in the past two years in the event that grow cannabis themselves or cater to the black market. The partial aim was to clarify the data already published in the author's bachelor thesis on cannabis cultivation in different regions, cannabis seed types, cultivation practices, prices of cannabis dry matter and hashish, use for self-healing and other changes in user behavior.

**Methodology:** The work was divided into the theoretical and practical part in order to achieve the goal. In the theoretical part was first described the pharmacology of THC, its effects in the body of users, consumption patterns, health impacts, prevalence of use and description of the drug market in the Czech Republic. The first chapter also included a brief insight into the history of cannabis use. The second part focuses in detail on the description of the cannabis plant and its genetics and methods of cultivation, whether to use the domestic production of medicines or other possible applications.

The practical part follows the description of the quantitative research methodology, which took place in 2015 and 2017. In total, 3 125 respondents participated in the survey in 2015 and 2 042 were respondents in 2017. Participation in the study was anonymous. The results were evaluated using PivotTable and graphs in the Microsoft Excel spreadsheet.

**Results:** From research it has been found that in the Czech Republic in 2015 and 98.8 % in 2017 to 98.4 % used marijuana and only 1.2 % of respondents in 2015 and 1.6 % of respondents in 2017 favored hashish . Buying marijuana on the black market takes place in 2015, 45.8 % of users in 2015 and 45.5 % in 2017. In 2015, the substance was given by the gift of 31.0 % of users, and in 2017 the number fell to 24.7 %. In 2015, 21.6 % of respondents cannabis plants cultivated in 2017 recorded an increase of 28.8 %.

Growers preferred 82.7 % of outdoor cultivation in 2015 and declined to 79.3 % in 2017. Under artificial lighting (indoor) in 2015 growers grown 17.3 % and 20.7 % in 2017. The study concluded that on the black market buyers often prefer cannabis marijuana grown indoors in a way you chose to 52.7 % in 2015 and 54.8 % in 2017 of the total number of shoppers respondents. According to newly added research questions in 2017, it was found that 35.7 % of marijuana users sat on the wheel on average 24 hours after the last dose, and 47 % of respondents used cannabis for medical purposes.

**Discussion:** The questionnaire survey showed that in cannabis users' preferences, there are not significant differences in cultivation, purchase, and donation within two years. Price per gram dry weight of marijuana in two years fell by about 50 CZK. The research also showed that treatment with preparations of cannabis appears to the user as a potentially interesting and is subjectively perceived as effective.

**Conclusion:** The research results responded to all research questions that were evaluated by accepting or rejecting hypotheses and identified the preferred selection and demand for cannabis products in the Czech Republic. Work can help to raise awareness among professionals in this field.

#### **Key words**

marihuana, cannabis, hashish, indoor, outdoor, cultivation, market