

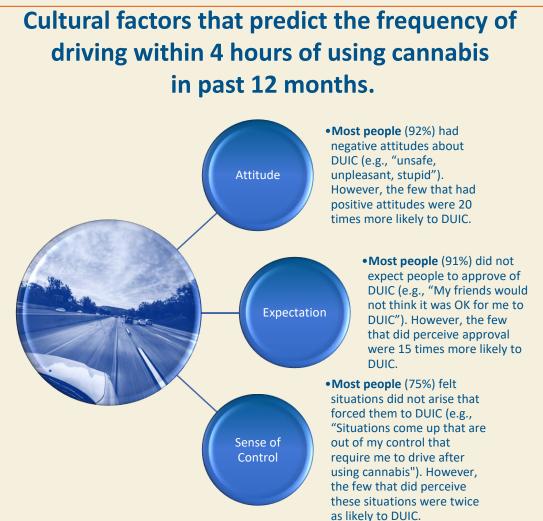
**Background:** There is concern about the increasing trends in the number of people who drive under the influence of cannabis (DUIC). In 2016, the Center for Health and Safety Culture conducted a national survey of adults (≥ 18 years) based on a model of traffic safety culture to measure its influence on reported willingness to DUIC. Whereas most people do not DUIC (90%), the significant percentage that do (10%) can impose a serious risk to traffic safety, especially when such behavior can happen weekly or daily (5%). To change this behavior, we need to understand the factors that predict DUIC willingness.

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**Conclusion:** Most people do not DUIC. Moreover, most people have negative attitudes and expectations about DUIC and avoid situations that might encourage DUIC. Those few who do DUIC cause a lot of harm. Their behavior can be predicted by a number of cultural factors. Strategies should be developed to change these factors to ensure safe driving.

Project: FHWA/MT-16-012/8882-309-02 TPF-5(309). Sample: n = 879, response rate of 32%: WA (N = 800), CO (N = 800), Other states excluding OR, AK, DC (1600). Source: https://www.mdt.mt.gov/research/projects/cannabis-use.shtml This document is printed at state expense. Information on the cost of producing this publication may be obtained by contacting the Department of Administration. Alternative accessible formats of this document will be provided on request. Persons who need an alternative format should contact the Human Resources and Occupational Safety Division, Department of Transportation, 2701 Prospect Avenue, PO Box 201001, Helena, MT 59620. Telephone 406-444-9229. Those using a TTY may call 1(800)335-7592 or through the Montana Relay Service at 711.