

# Online New Psychoactive Substances Survey



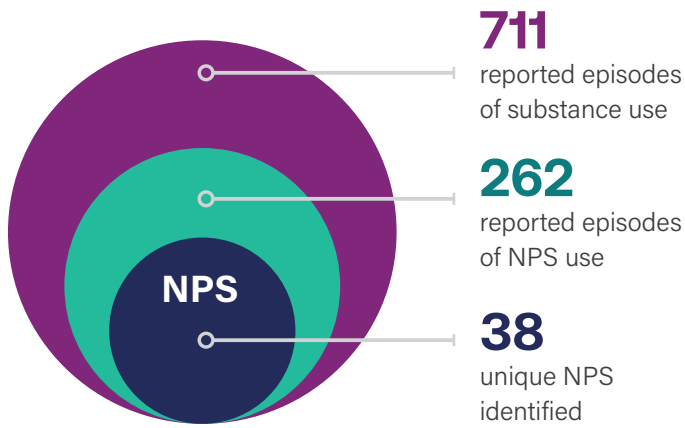
## Surveillance Highlights

March 2020 to March 2023

Health Canada developed a targeted **Online New Psychoactive Substances (NPS) Survey** to identify new or emerging psychoactive substances that may pose a public health threat.

## What are NPS?

NPS are substances that are not controlled under the *Controlled Drugs and Substances Act (CDSA)*, but are designed to mimic the effects of illegal substances such as LSD, cocaine, and MDMA.



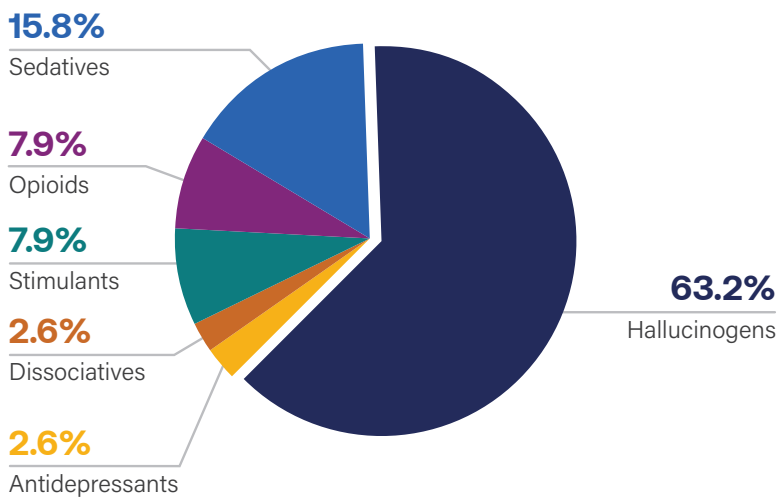
### Frequently reported NPS

- + 1-Propionyl lysergic acid diethylamide (1P-LSD)
- + 4-Acetoxy-*N,N*-dimethyltryptamine (4-AcO-DMT)
- + 4-Hydroxy-*N*-methyl-*N*-ethyltryptamine (4-HO-MET)
- + 1-Cyclopropionyl lysergic acid diethylamide (1cP-LSD)
- + 1-Acetyl-lysergic acid diethylamide (ALD-52)
- + 3-Fluorophenmetrazine (3-FPM)

In **18%** of cases, the NPS was used as a replacement for controlled substances such as magic mushrooms, LSD, or MDMA, for reasons such as greater accessibility, online availability, legal status, or lower price.



## Pharmacological classes of the 38 identified NPS



**50%** of episodes of NPS use involved concurrent use with the following **top 3 substances:**



## Episodes of NPS use by age and gender

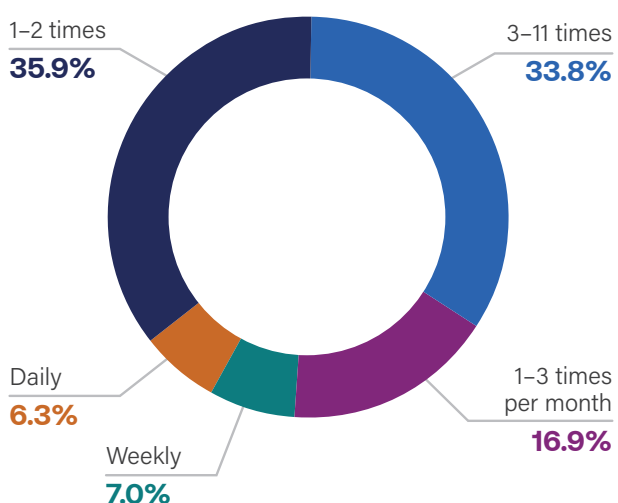
**4 out of 5** reported by men



**61%**

reported by **18-29 year olds**

## Frequency of NPS use in past 12 months



## Source from which NPS was obtained

