

Marijuana Dangers for the Developing Brain After Birth

MARIJUANA EDIBLES & RELATED POISONING

Edibles are dangerous because

- They are **yummy**,
- They contain a **high amount of THC**, and
- Their **effects are delayed** by several hours. Lacking the prompt high, more is eaten which leads to toxic levels.

If too much is eaten – by anyone but especially by a toddler - it may be hours before anyone is aware of any problem.

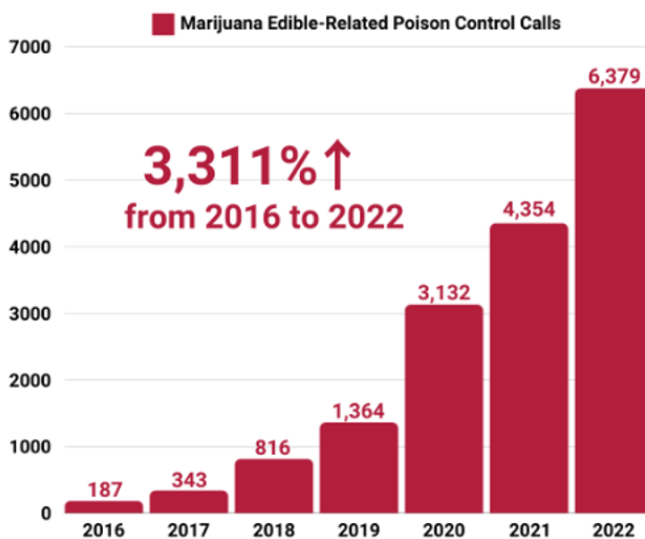
Toxic THC level decreases neuron firing which can impair **perception, coordination, alertness, and breathing!**

Hospital care is required, especially for children - often intensive care. Try to determine what was taken, and **call the free poison control hotline—1-800-222-1222.**



This is The Drug Report's Friday Fact report - Marijuana edible-related poison control calls among children 0-12 increased 3,311% from 2016 to 2022

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Data from America's Poison Center

SAM Smart Approaches to Marijuana
preventing another big tobacco

Poison Control Reports for 0 - 5

“ In 2017, -- 207 reported cases, and in 2021 -- 3054 cases, an increase of **1375.0%.**”

“22.7% of patients were admitted to the hospital.”

Pediatrics 1/2023.
<https://publications.aap.org/pediatrics/issue/151/2>

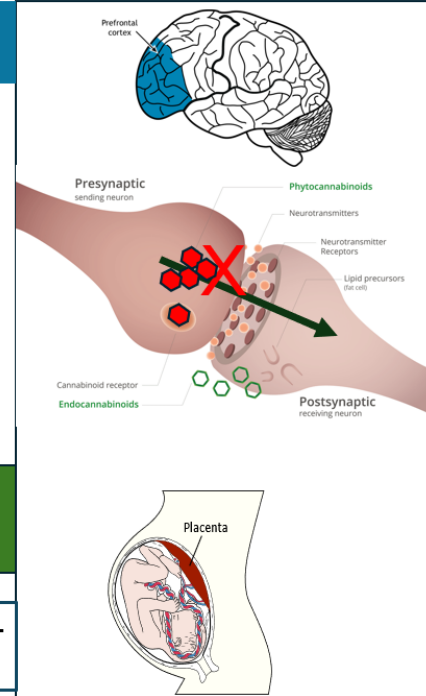
MARIJUANA FAQs for YOUTH

Major brain rewiring is active until ~25 years.

The prefrontal lobe, responsible for executive control, is being actively rewired during adolescence.

As marijuana decreases neuron firing, which decreases neuron wiring, frequent use of marijuana decreases critical brain wiring and rewiring.

Depending on dosage, frequency and duration of use, this can cause impaired function, loss of motivation and even arrested development.



Paranoia and Psychosis



Psychosis is more likely to occur in individuals who were marijuana-exposed **before birth**, even without using it themselves.



When used by youth and adults, the risk of having a paranoid or psychotic event or becoming paranoid or psychotic increases as the dosage of THC increases.

4 Major Public Health Concerns related to Marijuana are:

- Increasing **concentrations** of THC & decreasing CBD in marijuana plants and products → much higher risk of paranoia, hallucinations, psychosis and adolescent addiction.
- Inadequate marijuana **quality control (pesticides, heavy metals)** and **regulation** in general, and lack of any regulation for hemp-derived Δ -8 THC.
- High use of marijuana in **pregnancy and adolescence** with ignorance of possible consequences. ~~"SAFE"~~
- Skyrocketing numbers of **poisonings** related to **edibles** in toddlers & others.



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<https://www.eachbrainmatters.org>

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