

# The Stigma surrounding CBD and Medical Marijuana



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## Introduction

- ❑ In 2014 both NYC and NYS legalized marijuana for medical use.
- ❑ There is a belief that marijuana is a gateway drug, which is untrue.
- ❑ There is an ongoing battle in Staten Island with the overuse of opioids, which can begin to improve with use of alternative medicine like CBD

## Problem within the Community

- ❑ Staten Island ranks 3rd, 4th and 5th in NYC of drug related deaths per neighborhood compared to other boroughs. 73.5 per every 100,000 residents in St. George-Stapleton and South Beach-Tottenville have died from an overdose
- ❑ 64.3 deaths per 100,000 residents have died from herione specifically.
- ❑ Colorado only has 10 deaths per every 100,000 residents
- ❑ In a study looking at children with epilepsy, when CBD was introduced the incidence of seizures decreased by 84%
- ❑ The incidence of cancer reported on Staten Island has increased to 2892.8/yr following 9/11 and the creation fo the Fresh Kills Landfill

## Data

**WHAT IS CBD OIL**

CBD stands for cannabidiol, one of the many cannabinoid compounds found in most strains of Cannabis sativa, also known as marijuana.

**DOES CBD OIL GET YOU HIGH?**  
CBD oil contains trace amount of tetrahydrocannabinol (THC), the psychoactive compound in marijuana. Therefore, CBD oil does not produce a user high.

**IS CBD OIL LEGAL?**  
As of 2017, 25 states have created state laws that permit the medical use of marijuana and cbd oil. In recent years, 16 more states have passed CBD oil-specific laws that allow the use of CBD oil that contains low amount of THC (usually 5% or under).

**CBD OIL BENEFITS**

- ANTI-CANCER ACTIVITY
- ANXIOLYTIC EFFECTS
- REDUCE AUTISM OUTBURSTS
- MINIMIZE SEIZURES
- NATURAL PAIN RELIEF
- ANTI-INFLAMMATORY
- ANTIDIABETIC AGENT
- PSORIASIS RELIEF

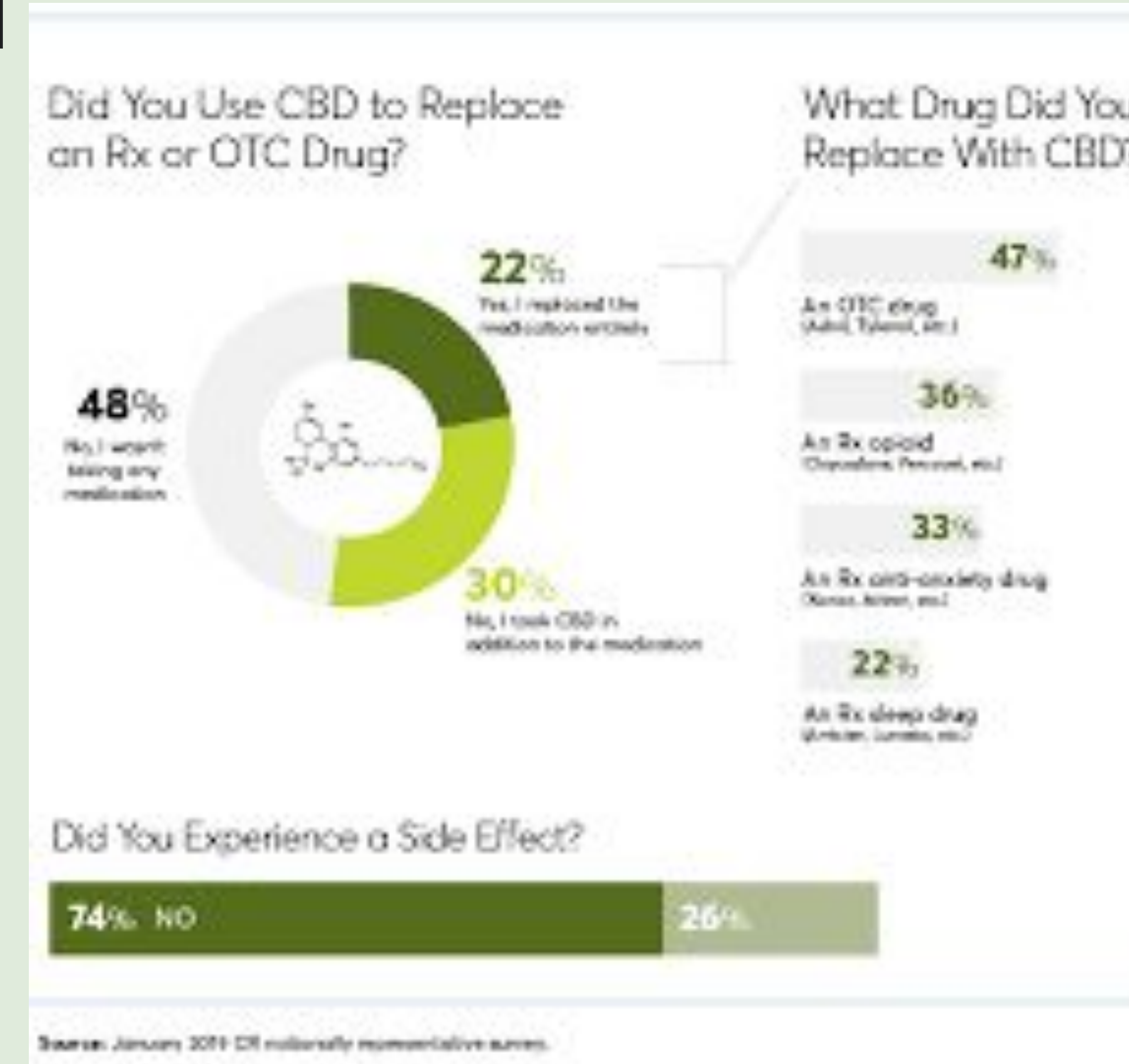
**POTENTIAL SIDE EFFECTS**

- Dry mouth
- Light headedness
- Drowsiness
- Tiredness
- Diarrhea
- Change in appetite or weight

Based on anecdotal reports and preliminary studies, potential short-term side effects don't pose a significant risk to the user's overall well-being.

- ❑ The most commonly used form of CBD is edible whether its CBD infused food or drinks.
- ❑ 40% of people purchase their CBD from a cannabis dispensary making it a reliable source.
- ❑ More than a quarter of people in the United States who suffer anxiety say that they have tried CBD.
- ❑ CBD sales in the U. S are expected to rise.

- ❑ The population in Staten Island is approximately 476,179 with the average of annual cases of cancer being 2892.8.
- ❑ There are currently close to ten CBD dispensaries on Staten Island.
- ❑ CBD is a cost-effective option for people who suffer anxiety and cancer because of its soothing and nausea relieving effects.
- ❑ CBD is classified as a phytocannabinoids, which specifically target hyperactivity in the brain.
- ❑ 37% of people used CBD to reduce stress and anxiety and 63% found it extremely effective.
- ❑ 24% of people used CBD to help with joint pain and 38% found it extremely effective.



## Solution

- ❑ Seminars to help educate providers, parents patients and the community on how CBD is beneficial to help and helping disorders, masking symptoms, and possible future cures. Holding seminars quarterly will give the public multiple opportunities to gain the knowledge to understand the real benefits of CBD. Multiple scientists from around the world can attend to put their case studies input into these informational education teachings.
- ❑ Having pamphlets within doctor's offices and hospitals; in multiple languages, as well as in a simplistic format for a range of the public to understand. Adding pictures and diagrams for a visual point of view, due to a visual view may be easier to understand.
- ❑ Social media to create more of an openminded concept with ads stating facts of how CBD is beneficial. Group pages with patients who take or interested in taking CBD where questions could be asked by peers for one another to answer. As well as patients' stories of how CBD have helped them with their complications.

## References

1. NYC Department of Health. (2018, August). *Epi Data Brief*. Retrieved from nyc.gov: <https://www1.nyc.gov/assets/doh/downloads/pdf/epi/databrief89.pdf>
2. NYC Department of Health. (2018, August). *Epi Data Brief*. Retrieved from nyc.gov: <https://www1.nyc.gov/assets/doh/downloads/pdf/epi/databrief89.pdf>
3. Brent A. Bauer, M. (2018, December 20). *What are the Benefits of CBD- and Is It Safe to Use?* Retrieved from Mayo Clinic : (<https://www.mayoclinic.org/healthy-lifestyle/consumer-health/expert-answers/is-cbd-safe-and-effective/faq-20446700>)
4. WNYC News. (2019, November 8). *WNYC*. Retrieved from NY Public Radio: <https://www.wnyc.org/story/staten-islanders-frustrated-report-shows-uptick-thyroid-cancer/>