

WHEN STUDENTS VAPE...FUTURES ARE LESS BRIGHT

This first-of-its-kind detection test deters vaping and helps ensure those futures.

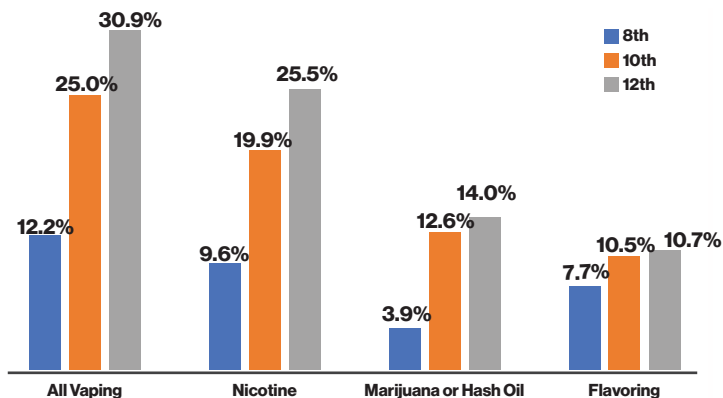
WHY USE THIS TEST?

The Psychemedics Vaping Panel is a hair testing drug panel delivering a record of use 90-days back from the day of the test for the three most commonly abused drugs found in schools across our Country. Vaping of Marijuana, CBD and Nicotine is significantly rising in schools as detailed in the 2019 Monitoring the Future Survey conducted by the National Institutes of Health (NIH). Results from this survey show vaping increases for two key groups of teens.

- From 21.7% to 25.0% among 10th graders.
- From 26.7% to 30.9% among 12th graders.

Percent of Students Reporting Past Month Vaping

(by substance and grade level)



"2019 Monitoring The Future Survey"
National Institute on Drug Abuse

SCIENCE & BENEFIT OF PSYCHEMEDICS TESTING

Through a patented process, hair testing is based on the scientific principle that ingested drugs accumulate permanently in hair proportionate to use over time.

- Hair testing provides a **90-day** look back period on the ingestion of drugs from the time of the test.
- We are the only lab with an **FBI-validated** wash process to eliminate the possibility of false positive results due to external contamination of the hair sample.
- Our tests require **60%** less hair than any other lab (about the width of a No. 2 pencil lead.)

"The longer we can delay teenage use, the more effective we'll be in reducing substance abuse among young adults."

*Upper School Principal
The Lovett School*

DETECTING AN URGENT THREAT

As educators, you know that drug misuse in high school can have lifelong consequences and early intervention is key. According to the NIH, early use of drugs increases a person's chances of becoming addicted, and "because the brain is still developing, using drugs at this age has more potential to disrupt brain function in areas critical to motivation, memory, learning, judgement and behavior control."

Marijuana is increasingly becoming legal, while CBD and Nicotine are broadly available and within easy reach of most teens. Consider these threats.

- Children who use them may have a significantly increased chance of moving on to more dangerous drugs. (various sources)
- 90% of adult smokers start the habit as a teen. (Dept of Health and Human Services)
- Marijuana use can have permanent effects on the developing brain when use begins in adolescence. (National Institute on Drug Abuse)

Psychemedics' new Vaping panel was designed for schools and parents to deter the abuse of these substances. The ultimate goal is vape-free campuses and healthier, brighter futures for teens.

CERTAINTY OF DETECTION IS THE MOST POWERFUL DETERRENT.

It is a formula proven to work. The Psychomedics Vaping Panel deters usage by delivering certainty of detection for the substances most commonly vaped by teens. It is a simple formula. Take away the ability for teens to conceal use of the substances they vape and you take away teens' incentive to vape.

THE DRUGS INCLUDED IN THE PANEL

Nicotine

According to the U.S. Surgeon General in the report "*Know The Risks: E-Cigarettes and Young People*", youth and young adults are "uniquely at risk for long-term, long-lasting effects of exposing their brains to nicotine. Nicotine also changes the way synapses are formed, which can harm the parts of the brain that control attention and learning."

CBD

The FDA has granted approval to only one CBD-derived prescription drug to treat two rare and severe forms of epilepsy, and no FDA approval has been granted to any commercially available CBD products. Long-term effects of CBD are not well understood, but the limited data available points to real risks.

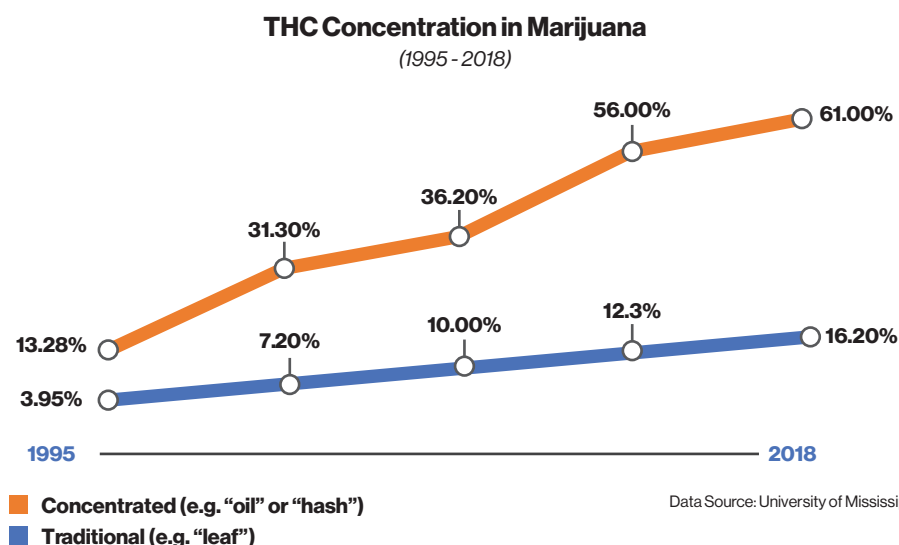
- Studies show that over-the-counter CBD may include higher levels of THC than stated on the label.
- Manufacturers have sole discretion on labeling with no government oversight of certainty of accuracy.

Marijuana

"Teenage marijuana use is at its highest level in 30 years" according to the American Academy of Child and Adolescent Psychiatry. And the 2019 "Monitoring The Future" report from the National Institute on Drug Abuse finds marijuana vaping increased more between 2018-2019 than any drug in the 40 year history of the survey. The School Vaping Panel is designed to curb that trend.

Marijuana is up to 300% more potent today than in 1995.

Drug Enforcement Administration
Data on cannabis seized
1995-2018



HOW TO ORDER

The School Vaping Panel may be added to an existing panel or purchased as a standalone test. Contact your account representative or visit www.psychomedics.com to get more information.