The DoD Drug Demand Reduction Program

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Drug Demand Reduction Program

Overview

DOD DRUG TESTING PROGRAM

Includes >15,000 collection sites, 5 drug testing labs and 2 support labs at the Armed Forces Medical Examiner System to support testing of >4 million specimens annually

Locations

- Ft. Meade, MD
- Great Lakes, IL
- Jacksonville, FL
- Tripler, HI
- Lackland, TX
- Dover, DE

MISSION

Enable **operational readiness, safety, and security** of the Total Force by deterring drug abuse through robust and dynamic drug testing; emerging drug threat surveillance; prevention, education, and outreach efforts; and development of new testing procedures

SCOPE

All DoD components and DoD civilians in testing designated positions (TDPs)

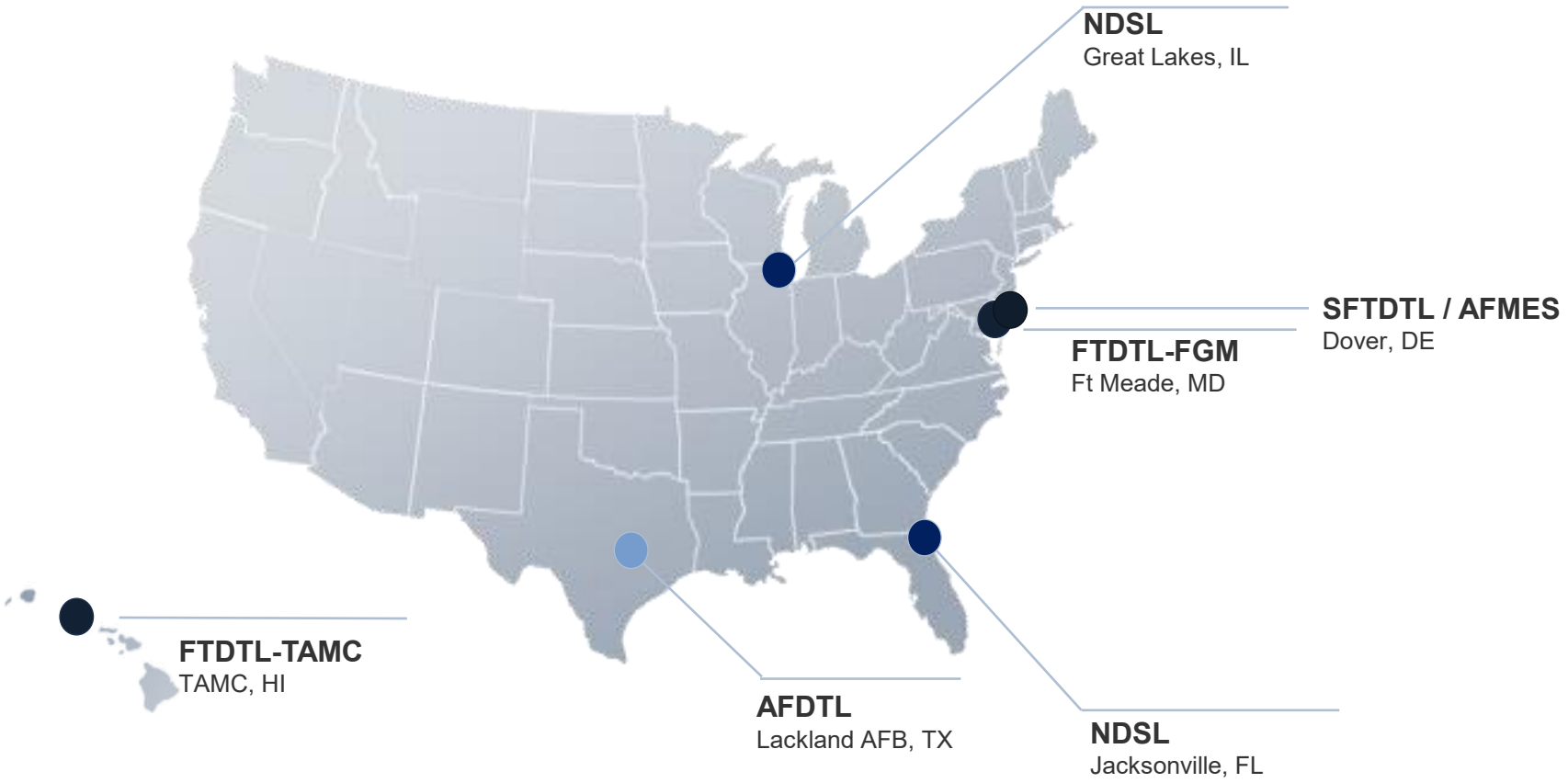
POLICIES

DoDI 1010.01 *'Military Personnel Drug Abuse Testing Program (MPDATP)'*

DoDI 1010.09 *'DoD Civilian Employee Drug-Free Workplace Program'*

DoDI 1010.16 *'Technical Procedures for the Military Personnel Drug Abuse Testing Program (MPDATP)*

DoD Drug Testing



NDSL = Navy Drug Screening Laboratory
FTDTL = Forensic Toxicology Drug Testing Laboratory (ARMY)
AFDTL = Air Force Drug Testing Laboratory
SFTDTL = Special Forensic Toxicology Drug Testing Laboratory at the Armed Forces Medical Examiner System (AFMES)

Testing Panel

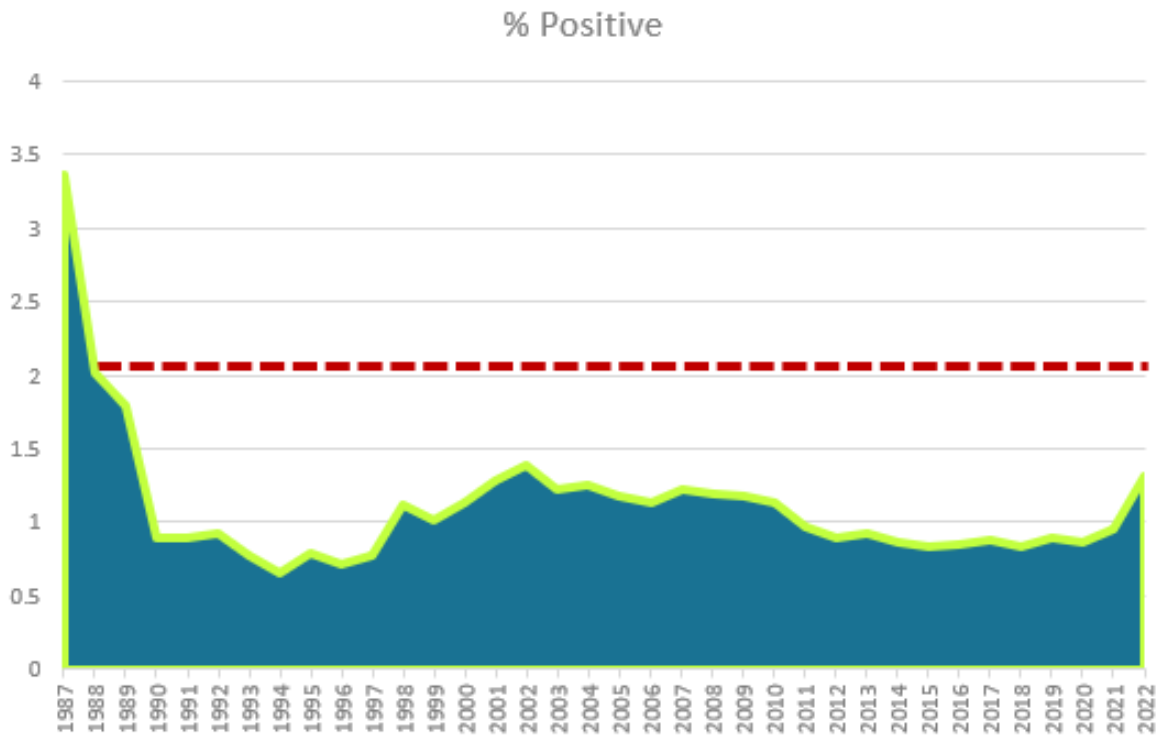
- **Cannabinoids**
  - Delta-9 THC (Marijuana)
  - Delta-8 THC (*Jul 21)
- **Cocaine**
- **Amphetamines**
  - Amphetamine
  - Methamphetamine
  - MDMA/MDA (Ecstasy)
- **Opioids**
  - Heroin
  - Codeine / Morphine
  - Oxycodone / Oxymorphone
  - Hydrocodone / Hydromorphone
  - Fentanyl / Norfentanyl (*Jun 19)
- **Benzodiazepines**
  - Alpha-hydroxyalprazolam
  - Lorazepam
  - Nordiazepam
  - Oxazepam
  - Temazepam
- **Synthetic Cannabinoids (“Spice”)**
- LSD (*Dec 20)

Drug Use Trends

- Total Service members tested: 3,400,612
- Unique Service members tested: 1,667,447
- Positive rate: 1.3%
- Top drugs of abuse
  - THC-9
  - THC-8
  - Cocaine
  - LSD
  - Amphetamine
  - Methamphetamine
  - Fentanyl
  - Oxymorphone
  - MDMA

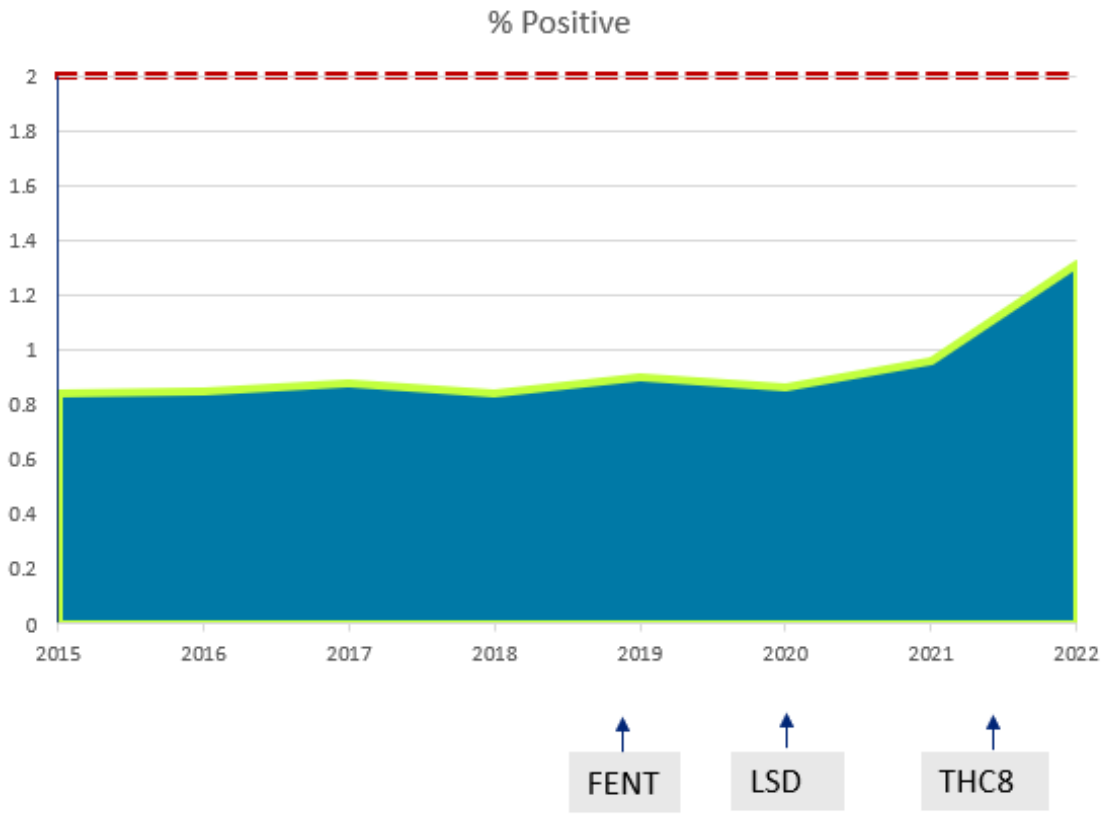
Did We Deter Drug Use?

Historical Perspective



Did We Deter Drug Use?

Recent Perspective



Novel Psychoactive Substances

- Since 2000 more than 500 new drugs
- Majority termed novel psychoactive substances (NPS)
  - Sold as replacements for controlled drugs ‘legal alternatives’ or ‘legal highs’
  - Early 2000’s with ‘Spice’, ‘K2’, ‘bath salts’
  - 50+ new compounds every year
  - Most originate in Asia
  - Availability: online, traditional retail, other
  - ‘Regional spread’

New and Emerging Drug Threats

LSD

NAVY

Navy probes new allegations of drug use, sales among USS Ronald Reagan sailors

By ALEX WILSON
STARS AND STRIPES • May 22, 2023

- Added back to the DoD drug panel in December 2020 after Increase prevalence
- 10% pulse testing; ongoing concerns of increasing LSD use
- In May 2023, a suspected drug ring Identified on the USS Ronald Reagan

JAPAN / CRIME & LEGAL

U.S. Navy probing crew of Japan-based aircraft carrier over drug allegations

The U.S. aircraft carrier USS Ronald Reagan in Yokosuka, Kanagawa Prefecture | KYODO

KYODO

SHARE May 25, 2023

Psilocybin / Psilocin

- Psilocybin mushrooms are commonly known as “magic mushrooms” (*Psilocybe*, *Panaeolus*, *Inocybe*, *Pluteus*, *Gymnopilus*, and *Pholiotina*)
- "Magic mushrooms" contain the hallucinogens psilocybin and psilocin
- Produce effects similar to LSD
- Increased “magic mushroom” seizures over the past few years

Amanita muscaria

- Genus of mushroom
- Psychoactive
  - Muscarine, ibotenic acid, and muscimol
- Poisonous
  - Amatoxins
- Amanita mushroom gummies

Xylazine

- Sedative; approved for veterinary use only
- Illicit drug adulterant; frequently combined w/ fentanyl, opioids and/or heroin

- ‘tranq’, ‘tranq dope’, ‘zombie drug’
- Half life similar to fentanyl; fall asleep, and wake up craving more drugs
- Testing available through AFMES
- Necrotic skin ulcerations

Tianeptine

- Marketed as ‘dietary supplement’ in US
- ‘Tianna’, ‘ZaZa Red’, ‘Tiana Red’, ‘Gas station heroin’
- Approved antidepressant in some European countries (not US)
  - Structurally similar TCA, but binds opioid receptors
- Addictive and abused for euphoric effects
  - Overdoses and severe withdraw symptoms reported
- Banned in numerous states
- Testing available at AFMES

Thank you!