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DRUG TRENDS AND TREATMENT

AGENDA

- ✘ Drug overview
- ✘ Signs and Symptoms
- ✘ Treatment and Resources

DRUG OVERVIEW

DRUGS CATERGORIES

- ✘ Alcohol
- ✘ Club drugs
- ✘ Cocaine
- ✘ Hallucinogens
- ✘ Opioids
- ✘ Inhalants
- ✘ Marijuana
- ✘ Prescription Drugs and Cold Medicine
- ✘ Steroids
- ✘ Synthetic Cannabinoids
- ✘ Synthetic Cathinones
- ✘ Tobacco/Nicotine

ALCOHOL

- ✘ People drink to socialize, celebrate and relax.
- ✘ Alcohol effect's vary from person-to-person, depending upon variety of factors, including:
 - How much you drink, How often, age, health status, family history

Alcohol is in beer, wine, liquor and other beverages forms.



CLUB DRUGS

- ✘ Club Drugs are used by teenagers and young adults at bars, nightclubs, and parties.
- ✘ Drugs include:
 - GHB (Sodium oxybate)
 - Rohypnol (Xanax, Roofies)
 - Ketamine (Cat, Vitamin K)
 - MDMA (Ecstasy, Molly)
 - Methamphetamine (Meth, Ice, Crystal)
 - LSD (Acid)



PRESCRIPTION DRUGS AND COLD MEDICINE

- ✘ Some medication have psychoactive properties and are sometime abused when taken for no reason or in way or amounts not intended by a doctor or taken by someone other than the person prescribed.
- ✘ Prescription and over-the-counter (OTC) drugs are, after marijuana (and alcohol), the most commonly abused substances by American 14 and older.



COCAINE

- ✘ Cocaine is a powerfully addictive stimulant drug made from the leaves of the coca plant native to South America.
- ✘ Can be used by health care providers for valid medical procedures, such as local anesthesia for some surgeries.
- ✘ As a street drug is often mixed with cornstarch, talcum powder, or flour.

HALLUCINOGENS

- ✘ Hallucinogens are a diverse group of drugs that alter perception, thoughts, and feelings.
- ✘ Cause hallucinations or sensations and images that seem real though they are not.
- ✘ Can be found in some plants, mushrooms or can be man-made.
- ✘ LSD, PCP

OPIOIDS

- ✘ Opioids are powerful pain relievers
- ✘ Include illegal drug heroin and legal prescription drugs OxyCotin, Vicodin, codeine, morphine, fentanyl and many more.
- ✘ These drugs are chemically related and interact with opioid receptors on nerve cells in the body and brain
- ✘ Generally are safe when taken over a short period of time, but are highly addictive.

INHALANTS

- ✘ Inhalants are products found in home or workplace
- ✘ Spray paints, markers glues and cleaning fluids
- ✘ Contains volatile substances that have psychoactive properties when inhaled.
- ✘ Only class abused more by younger children than by older teens



MARIJUANA

- ✘ Marijuana refers to the dried leaves, flowers, stems and seeds from the hemp plant, *Cannabis sativa*.
- ✘ Contains mind-altering chemical THC and other related compounds.
- ✘ Marijuana is the most commonly used illicit drug in the United States
- ✘ It is often smoked but can mix with food or candy or brew it as tea.

STEROIDS

- ✘ Anabolic steroids are synthetic variations of male sex hormone testosterone.
- ✘ Healthcare providers can prescribe steroids to treat hormonal issues, such as delayed puberty.
- ✘ Steroids can be taken orally or injected into the muscles. Can also be applied to the skin as cream, gel, or patch.
- ✘ Do not have short -term effects but long-term over time.

SYNTHETIC CANNABINODS

- ✘ Man-made mind altering chemicals that are either sprayed on dried, shredded plant material so they can be smoked or sold as liquids to be vaporized and inhaled in e-cigarettes and other devices.
- ✘ K2, Spice

SYNTHETIC CATHINONES

- ✘ Commonly known as “bath salts”
- ✘ These drugs are synthetic drugs related to cathinone, a stimulant found in the khat plant

TOBACCO AND NICOTINE

- ✘ Tobacco use is the leading preventable cause of disease, disability and death in the United States.
- ✘ The harmful effects of smoking extend far beyond the smoker.
- ✘ Cigarettes and other forms of tobacco contain the addictive drug nicotine.
- ✘ It is readily absorbed in the bloodstream when a tobacco product is chewed, inhaled or smoked.

SIGNS AND SYMPTOMS

✘ ALCOHOL

- + Talking loud, slurred speech, rambling conversations, foul language, complaining, arguing and being overly aggressive or obnoxious.



✘ TOBACCO

- + Frequently smokes, often smells smoke immediately after smoking or in immediate area.



✘ MARIJUANA

- + Problems with memory and learning,, distorted perception, difficulty in thinking and problem-solving and loss in coordination.



✘ STIMULANTS

- + Make people more alert, increase attention, raised blood pressure, heart rate and breathing.
- + Improper stimulant use can also result in unsafely elevated body temperature, irregular heartbeat , heart failure and seizures.



× HALLUCINOGENS

- + Produce visual and auditory hallucinations, feelings of detachment from one's environment and oneself and distortions in time and perception.
- + Rare but serious health effects in heart failure and flashbacks.

× OPIOIDS


- + Tolerance increases with frequent use and may not be able to maintain source of drugs. Causing a turn to black market drugs such as heroin.
- + Produce euphoria, drowsiness, respiratory depression, constricted pupils, nausea and dry mouth.

TREATMENT AND RESOURCES

LOCAL ADDICTIONS AUTHORITY (LAA)

- ✘ Former Treatment Coordinators
- ✘ Designed county or multi-county authority that is responsible for planning, managing, and monitoring publicly funded substance use disorder services.

TREATMENT DIRECTORY



DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Enter search term

HOME ABOUT US BHA DIVISIONS CONTACT US DHMH PUBLICATIONS TRAINING

BHA Divisions

- > Clinical Services
- > Health Promotion and Prevention
- > Forensic Services
- > Systems Management
- > Children's Services
- > Finance and Fiscal Management
- > Behavioral Health Facilities
- > Consumer Affairs
- > BHA Organization Chart

General Information

- > Accreditation
- > Behavioral Health Plans
- > Consumer Perception of Care Surveys
- > Data and Data Reports
- > Data Shorts
- > Maryland Medicaid eHealth Statistics
- > Outcomes Measurement System (OMS)
- > Provider Surveys
- > Public Information Act
- > Regulations

Hot Topics

- > Consumer Information
- > Provider Information
- > Overdose Prevention
- > Maryland Commitment to Veterans
- > Fire Arm Safety Act-Relief Process
- > Maryland Datalink
- > Screening, Brief Intervention, and Referral to Treatment (SBIRT)
- > Prescription Drug Drop Off Collection Sites

Maryland Certified Treatment Directory

[Maryland Certified Treatment Locator complete listing pdf](#)

This is a listing of all state certified substance abuse treatment programs in Maryland. The BHA is not responsible for the availability of a treatment slot at any given program, contact the specific program for availability information. If you need further assistance locating treatment call [410-402-8600](tel:410-402-8600) or Email BHA by clicking on the "contact us" text on the left-side of the BHA Web banner. If you are a program administrator and need assistance updating program information contact the BHA Web team at [410-402-8592](tel:410-402-8592) or use the "contact us" feature in the left upper banner.

[TX Crosswalk.pdf](#)

The Behavioral Health Administration (BHA) is currently reviewing all programs on this list to confirm their current certification. Please verify with the program that there is a valid active certificate

To report errors in regards to Treatment Locator, email treatment.locator@maryland.gov

The Behavioral Health Administration (BHA) is currently reviewing all programs on this list to confirm their current certification. Please verify with the program that there is a valid active certificate

Resource Directory Search

Provider Name

County

City

ZIP Code

Level of Care

Special Populations*

*Other Services

Funded

HEROIN AND OPIOID PREVENTION, TREATMENT AND ENFORCEMENT INITIATIVE

- ✘ Governor Hogan, Lt. Governor Rutherford announce 2017 initiative to continue addressing Maryland's ongoing opioid and heroin epidemic.
- ✘ Governor Hogan amended the 2015 Executive Order to authorize the council to establish the Opioid Operational Command Center.
- ✘ The center will facilitate greater collaboration between state and local public health, human services, education and public safety entities to reduce the harmful impacts of opioid addiction.

× Treatment

- + \$4million in new funding to support those struggling with heroin and opioid addiction.
- + In addition, \$1.3 million for mental health and substance use disorders, including \$159 million dedicated to existing non-Medicaid substance use disorder treatment programs.
- + DHMH applied and received a Medicaid Waiver renewal allowing reimbursement for residential substance use treatment services delivered in large facilities., greatly expanding the number of facilities that can offer treatment services.

× Enforcement

+ Distribution of Opioids Resulting in Death Act:

- × Legislation will create a new felony , punishable by up to 30 years, for individuals who distribute an opioid or opioid analog, of which the use causes the death of another. Contains a provision allowed to prosecute kingpins. Also, contains protections for those who sell drugs to support their own addiction.

× Prevention

+ Prescriber Limits Act

Would limit the duration of prescription opioids upon the initial consultation or treatment to a 7 day supply. There are exceptions within the limits.

× Overdose Prevention Act:

Recommend overdose prevention strategies, expand access to naloxone prescriptions directly from a pharmacist without current training requirements and extend current immunity provisions to pharmacist

NATIONWIDE RESOURCES

NDEWS monitors emerging drug use trends to enable health experts, researchers, and concerned citizens across the country to respond quickly to potential outbreaks of illicit drugs such as heroin and to identify increased use of designer synthetic compounds.

Information on Research, webinars, conferences and meetings



UNIVERSITY OF MARYLAND

NDEWS National Drug Early Warning System

Funded at the Center for Substance Abuse Research by the National Institute on Drug Abuse

[About Us](#) [Research](#) [Project Publications](#) [Sentinel Sites](#) [Resources](#)

Figure 1: Location of Participating Correctional Institutions



CDEWS Study Finds Buprenorphine and Antidepressants in Ohio Prison Population

The Community Drug Early Warning System (CDEWS), funded by the Office of National Drug Control Policy (ONDCP), provides timely information about emerging drug use in criminal justice populations in local communities by collecting and re-testing urine specimens already obtained and tested for a limited panel of drugs by criminal justice testing programs. CDEWS or local staff sample specimens that are ready to be discarded and send them de-identified to an independent laboratory for testing for an expanded panel of drugs. The CDEWS methodology has been implemented previously in five jurisdictions with non-prison populations (Wish et al., 2013; Wish et al., 2015).

[Read More](#)

News & Events [View Event Calendar](#)

Items of Interest [NDEWS Webinars](#) [@NDEWSNews](#)

NATIONAL DRUG EARLY WARNING SYSTEM

✓ Website provides free resources for parents
Free classroom material for 6th-12th grade for educators

✓ Information for treatment including
Step by Step guides, research guides and videos

✓ Also, subsections for Mental Health Practitioners, Patients and Families as well as Children and Teens

The screenshot displays the website for the National Institute on Drug Abuse (NIDA). At the top, the NIH logo is followed by the text "National Institute on Drug Abuse" and "Advancing Addiction Science". A search bar is located to the right of the logo. Below the search bar, there are social media icons for Google+, Facebook, LinkedIn, Twitter, YouTube, and RSS. A navigation menu includes links for "Drugs of Abuse", "Related Topics", "Publications", "Funding", "News & Events", and "About NIDA". The main content area is titled "Parents & Educators" and features a "Share" button. A central banner image shows a brain with the text "Adolescent Brain Cognitive Development" and "Teen Brains. Today's Science. Brighter Future." Below this banner is a "Recruitment begins for landmark ABCD study" button with a play icon and a progress indicator showing 1, 2, 3, 4, and a pause icon. To the right of the banner is a "Free Resources for Parents" button. Further right is a "Free Classroom Materials for 6th-12th Grades" button. On the far right, there is a "Lesson Plan and Activity Finder" section with a "Share This Badge" button and a "Free lesson plans" button. The "In This Section" sidebar contains text about finding the latest science-based information about the health effects and consequences of drug abuse and addiction, and resources for talking with kids about the impact of drug use on health. The "Lesson Plan and Activity Finder" section includes a "Teach the science of drug use." banner with a photo of a group of people and icons for a document, a smartphone, a laptop, and a tablet.

NATIONAL INSTITUTE ON DRUG ABUSE

✓ National mental health administration that provides funding to the state level

✓ Website provides research, articles, treatment locator, resources for suicide prevention, grants, programs and campaigns and other topics relating to substance abuse and mental health

Substance Abuse and Mental Health Services Administration

SAMHSA

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Download KnowBullying today for tips to start the conversation with your kids.

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BEHAVIORAL HEALTH TREATMENT LOCATOR

NATIONAL SUICIDE PREVENTION LIFELINE

1-800-273-8255 (TALK)

NATIONAL HELPLINE

1-800-662-4357 (HELP)

Disaster Distress Helpline

1-800-985-5990

SAMHSA in the News

- 02/09/17** WV to hand out 8,000 OD-reversal kits. Charleston Gazette-Mail
- 01/31/17** When kids with mental illness can't live at home. Washington Post
- 12/30/16** Drunk driving rate falls to new low, federal data shows. Washington Post

[View all SAMHSA in the News](#)
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Featured Resource

Decisions in Recovery: Treatment for Opioid Use Disorder

Decisions in Recovery: Treatment for Opioid Use Disorder is an innovative decision support tool for people in recovery from...

(SAMHSA) SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES ADMINISTRATION

SITES AND SOURCES

- ✘ Maryland Department of Health and Mental Hygiene- Behavioral Health Administrator

<http://bha.dhmmh.maryland.gov/>

- ✘ National Institute on Drug Abuse

<https://www.drugabuse.gov/>

- ✘ SAMHSA

<https://www.samhsa.gov/>

- ✘ National Drug Early Warning System

<https://ndews.umd.edu/>