

Southern Illinois Drug Awareness Conference
Back Bigger Better

**Exploring SUPS: Analyzing Johnson County
Data**

Morgan Nickles

March 14th, 2024

Reminder:

Please scan the QR
code located on the
green flyer to clock in
your time!



This presentation has three parts:

First, we're going to break the ice.

Then, we're going to peel back the layers.

And finally, engage in an activity - by choice.



Introduction

- Morgan Nickles, Programs Coordinator
- Programs related to youth development, substance use prevention, violence prevention, crisis intervention, and DEI (diversity, equity, and inclusion) related work

- Service Area Includes:

- Alexander
- Hardin
- Johnson
- Massac
- Pope
- Pulaski
- Union

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Breaking the Ice

What brings you
to this space?



Peeling back the layers



Arrowleaf

Arrowleaf is a nonprofit human services organization that works to build well-being for Southern Illinoisans throughout their lives so they can weather life's storms, reach their full potential, and help our communities thrive. Our work is focused on three areas essential to well-being and strong communities: **Behavioral Health, Developmental Services, and Community Collaboration.**

Through more than 25 programs across these three areas, we are able to support Southern Illinoisans through a wide variety of challenges that can come up at different points in life, such as struggles with depression and anxiety, substance use, parenting, care-giving, education, employment, economic stability, navigating the demands of daily life with a disability, and maintaining independence in older age.



Community Collaboration

Arrowleaf's **Community Collaboration** area of focus includes a wide range of resources and opportunities that connect people with other resources in our communities, strengthen our services in our other areas of focus, and make Southern Illinois more vibrant for all of us.

For example, we provide comfortable apartments to older adults in our community, help coordinate primary care providers for people in our region, provide training to healthcare providers on specialty topics, and support schools in their work with students who can benefit from additional emotional and academic support, and advocate our communities on a local and state level.



SUPS: Core Services

Youth Advisory Committee (YAC)

- To strengthen youth participation in the development and implementation of community-based substance use prevention services. Youth Advisory Committees provide young people with opportunities to take on leadership roles and responsibility for creating positive change.
 - YAC assists with the communication campaign, National Prevention Week activities, and other prevention efforts in the community (ie. distributing DTB flyers throughout the community).
 - Currently, we have an active YAC in Union County

Communication Campaign

- To promote healthy behaviors and work to change community norms
 - For SUPS, we must implement and maintain two communication campaigns. Both campaigns are implemented in Union County.
 - Campaigns include anti-vaping and underage drinking



SUPS: Core Services

National Prevention Week (NPW)

- A public education platform showcasing the work of communities and organizations across the country that are preventing substance use and misuse and promoting positive mental health. NPW is hosted during the second week of May to celebrate and promote year-round prevention initiatives.
 - Union County - YAC members develop activities
 - NPW activities in our other counties are planned by the SUPS team with feedback from the school administration, community, and youth along with observations. For instance, for Johnson County high school students, we have teamed up with U of I Extension to organize an interactive event where students will gain firsthand experience and understanding the impairment of substances (ie, alcohol, marijuana use, and vaping).



SUPS: Core Services

Drug Take Back (DTB)

- To provide a safe, convenient, and responsible means of disposing of prescription medications, while also educating the public about the potential for abuse for medications.
 - Occurs twice annually (October and April)
 - Currently, we are finalizing plans for the DTB event in April

Resource Guide

- Resource is updated annually. The guide identifies substance use disorder treatment and human service organizations (mental health counseling, sexual assault prevention, shelters, etc) across the southern seven counties in Illinois



SUPS: Core Services

Illinois Youth Service (IYS)

- This a self-report survey administered in school settings and designed to gather information about a variety of health and social indicators including substance use patterns and attitudes of Illinois youth.
 - 8th, 10th, and 12th grade students participate in the survey
 - The survey is administered every two years (even-numbers - 2018, 2022, 2024, and so forth)
 - All of Johnson County schools are registered for this year!

My Generation Rx

- Educates students on the importance of using medications safely, teach drug refusal skills along with the ability to cope with high demands of life.
 - Our team is making this an annual offering for all 9th grade students across the southern seven counties (excluding those who are engaged in our youth prevention education curriculum).



SUPS: Core Services

Youth Prevention Education (YPE)

- YPE is provided using an evidence-based substance use prevention intervention curriculum designed to mitigate the risk factors linked to problem behaviors and build protection within the child to resist problem behaviors.
 - Too Good for Drugs - The Mendez Foundation
 - The lessons and activities help to increase communication skills, better decision making, goal setting, forming healthy relationships, peer pressure refusal strategies along with learning how alcohol and other substances can affect their bodies, brains, and future plans.
 - This is offered throughout the seven counties for students in 4th grade - high school | 10 lessons - core and booster
- Substance use and its effect on the body are introduced with developmentally appropriate. For instance, in the youngest grades, the lessons develop an understanding of what is healthy to put in the body and what is not. This foundation prepares students for discussions about tobacco, alcohol and other drug use in later elementary years.



Here's the thing...

Our agency extends services throughout the southern seven counties of Illinois, which is the target service area for SUPS. Over the years, I've come to understand that to ensure the success of our program in these specific service areas, strategic implementation of our core services is essential. While each county we serve exhibits its own distinct characteristics, there are also commonalities that bind them together. By understanding these characteristics, we can tailor our services to meet the specific needs of each community effectively.



The Johnson County plan

Our ultimate goal is to synchronize all Johnson County schools to ensure that no child is left behind. With this in mind, our team has been diligently working on a plan. This plan was put into effect this academic school year.

Fall term - 4th (core); 7th grade (booster); and high school (core)

Spring term - 6th grade (core) and high school (core)



By implementing this arrangement for all schools, we aim to establish a foundation of consistency in YPE delivery. This consistency will not only contribute to the program's effectiveness but also reduce the risk of YPE burnout among students. Because YPE burnout is a real thing!

Johnson County Fall Data

These outcomes represent the number of students who attended at least 80% of the lessons and completed both pre- and post-assessments.

4th grade

Schools: VGS (2 classes), Buncombe/Cypress (2 classes), Goreville Elementary School (2 classes)

- 91 students
- Overall 17% increase

8th grade

Schools: VGS (2 classes), NSH, Goreville Jr/Sr High School (2 classes)

- 96 students
- Overall 3% increase



Johnson County Data

These outcomes represent the number of students who attended at least 80% of the lessons and completed both pre- and post-assessments.

High School

Schools: VHS (2 classes), Goreville High School (2 classes)

- 68 students
- Overall 12% increase

4th grade and high school have the largest jump!



IYS: Johnson County 2022

4 out 5 schools participated

8th grade: 52

10th grade: 84

12th grade: 73

ALCOHOL PLUS: In the past year, on how many occasions (if any) have you:

		0 occasions	1-2 occasions	3-5 occasions	6-9 occasions	10-19 occasions	20 or more occasions	Total
8th	Used marijuana and alcohol at the same time	96%	2%	2%	0%	0%	0%	100%
	Used alcohol and energy drinks at the same time	98%	2%	0%	0%	0%	0%	100%
10th	Used marijuana and alcohol at the same time	93%	2%	1%	0%	1%	2%	100%
	Used alcohol and energy drinks at the same time	92%	4%	0%	1%	0%	4%	100%
12th	Used marijuana and alcohol at the same time	85%	4%	5%	4%	1%	0%	100%
	Used alcohol and energy drinks at the same time	88%	11%	0%	1%	0%	0%	100%



IYS: Johnson County 2022

E-CIGARETTES OR VAPING PRODUCTS: During the past 30 days, how frequently have you:

		Never	Once or twice	Once or twice per week	About once a day	More than once a day	Total
8th	Used e-cigarettes or other vaping products	96%	2%	0%	2%	0%	100%
10th	Used e-cigarettes or other vaping products	87%	4%	4%	0%	6%	100%
12th	Used e-cigarettes or other vaping products	79%	7%	1%	1%	11%	100%

E-CIGARETTES OR VAPING PRODUCTS: In the past year, on how many occasions (if any) have you:

		0 occasions	1-2 occasions	3-5 occasions	6-9 occasions	10-19 occasions	20 or more occasions	Total
8th	Used e-cigarettes or other vaping products	94%	4%	0%	0%	0%	2%	100%
10th	Used e-cigarettes or other vaping products	87%	2%	4%	2%	0%	5%	100%
12th	Used e-cigarettes or other vaping products	79%	1%	6%	3%	0%	11%	100%



IYS: Johnson County 2022

ALCOHOL CONSEQUENCES: During the past 12 months, how often have you experienced the following while or after drinking alcohol:

		Never	1-2 times	3-5 times	6+ times	Total
10th	Performed poorly on a test or important project	95%	3%	3%	0%	100%
	Been in trouble with the police	100%	0%	0%	0%	100%
	Damaged property	100%	0%	0%	0%	100%
	Got into an argument or fight	96%	3%	0%	1%	100%
	Been hurt or injured	97%	1%	0%	1%	100%
	Been a victim of a violent crime	100%	0%	0%	0%	100%
	Been treated in a hospital Emergency Department	99%	0%	1%	0%	100%
	A friend said they were worried about your alcohol use	97%	1%	0%	1%	100%
12th	Performed poorly on a test or important project	96%	3%	1%	0%	100%
	Been in trouble with the police	97%	3%	0%	0%	100%
	Damaged property	100%	0%	0%	0%	100%
	Got into an argument or fight	91%	7%	0%	1%	100%
	Been hurt or injured	96%	4%	0%	0%	100%
	Been a victim of a violent crime	100%	0%	0%	0%	100%
	Been treated in a hospital Emergency Department	99%	1%	0%	0%	100%
	A friend said they were worried about your alcohol use	99%	0%	0%	1%	100%



IYS: Johnson County 2022

WORRY ABOUT FRIEND: During the past 12 months:

	10th	12th
Did you worry about any of your friends' substance use (Only include concerns about alcohol and other drugs. Do not include tobacco, e-cigarettes, or other vaping products.)	19%	23%

PERSONAL DISAPPROVAL: How wrong do you think it is for someone your age to:

		Very wrong	Wrong	A little bit wrong	Not wrong at all	Total
8th	Drink beer, wine or hard liquor (e.g., vodka, whiskey or gin) regularly	81%	13%	6%	0%	100%
	Smoke cigarettes	88%	8%	2%	2%	100%
	Use e-cigarettes or other vaping products	81%	12%	6%	2%	100%
	Use marijuana	87%	10%	2%	2%	100%
	Use prescription drugs not prescribed to them	88%	12%	0%	0%	100%
10th	Drink beer, wine or hard liquor (e.g., vodka, whiskey or gin) regularly	52%	24%	20%	4%	100%
	Smoke cigarettes	64%	20%	12%	4%	100%
	Use e-cigarettes or other vaping products	59%	22%	11%	8%	100%
	Use marijuana	56%	23%	11%	10%	100%
	Use prescription drugs not prescribed to them	70%	27%	2%	0%	100%
12th	Drink beer, wine or hard liquor (e.g., vodka, whiskey or gin) regularly	42%	32%	19%	7%	100%
	Smoke cigarettes	52%	31%	13%	4%	100%
	Use e-cigarettes or other vaping products	42%	32%	17%	10%	100%
	Use marijuana	42%	26%	18%	14%	100%
	Use prescription drugs not prescribed to them	67%	26%	6%	1%	100%



IYS: Johnson County 2022

PERCEIVED PEER DISAPPROVAL OF USE: How wrong do your friends feel it would be for you to:

		Very wrong	Wrong	A little bit wrong	Not wrong at all	Total
8th	Have one or two drinks of an alcoholic beverage nearly every day	77%	19%	4%	0%	100%
	Smoke tobacco	79%	21%	0%	0%	100%
	Use e-cigarettes or other vaping products	71%	25%	4%	0%	100%
	Use marijuana	73%	23%	2%	2%	100%
	Use prescription drugs not prescribed to you	87%	12%	2%	0%	100%
10th	Have one or two drinks of an alcoholic beverage nearly every day	56%	15%	17%	12%	100%
	Smoke tobacco	64%	17%	10%	10%	100%
	Use e-cigarettes or other vaping products	57%	19%	8%	15%	100%
	Use marijuana	60%	18%	8%	13%	100%
	Use prescription drugs not prescribed to you	71%	18%	6%	5%	100%
12th	Have one or two drinks of an alcoholic beverage nearly every day	44%	32%	17%	7%	100%
	Smoke tobacco	46%	28%	19%	7%	100%
	Use e-cigarettes or other vaping products	39%	24%	24%	14%	100%
	Use marijuana	39%	25%	21%	15%	100%
	Use prescription drugs not prescribed to you	63%	23%	8%	6%	100%



IYS: Johnson County 2022

PERCEIVED PARENT DISAPPROVAL OF USE: How wrong do your parents feel it would be for you to:

		Very wrong	Wrong	A little bit wrong	Not wrong at all	Total
8th	Drink beer, wine, or hard liquor (e.g., vodka, whiskey, or gin) regularly (at least once or twice a month)	88%	10%	2%	0%	100%
	Have one or two drinks of an alcoholic beverage nearly every day	96%	4%	0%	0%	100%
	Smoke tobacco	98%	2%	0%	0%	100%
	Use e-cigarettes or other vaping products	96%	4%	0%	0%	100%
	Use marijuana	94%	6%	0%	0%	100%
	Use prescription drugs not prescribed to you	98%	2%	0%	0%	100%
10th	Drink beer, wine, or hard liquor (e.g., vodka, whiskey, or gin) regularly (at least once or twice a month)	74%	17%	10%	0%	100%
	Have one or two drinks of an alcoholic beverage nearly every day	80%	14%	6%	0%	100%
	Smoke tobacco	82%	12%	5%	1%	100%
	Use e-cigarettes or other vaping products	80%	14%	4%	2%	100%
	Use marijuana	77%	14%	5%	4%	100%
	Use prescription drugs not prescribed to you	87%	11%	2%	0%	100%
12th	Drink beer, wine, or hard liquor (e.g., vodka, whiskey, or gin) regularly (at least once or twice a month)	62%	19%	12%	6%	100%
	Have one or two drinks of an alcoholic beverage nearly every day	74%	22%	1%	3%	100%
	Smoke tobacco	68%	28%	1%	3%	100%
	Use e-cigarettes or other vaping products	68%	25%	4%	3%	100%
	Use marijuana	67%	24%	6%	4%	100%
	Use prescription drugs not prescribed to you	79%	18%	0%	3%	100%



IYS: Johnson County 2022

PERCEIVED ACCESS: If you wanted to get the following, how easy would it be for you to get some:

		Very hard	Sort of hard	Sort of easy	Very easy	Total
8th	Beer, wine, or hard liquor (e.g., vodka, whiskey, or gin)	52%	37%	10%	2%	100%
	Cigarettes	74%	14%	10%	2%	100%
	E-cigarettes or other vaping products	68%	24%	6%	2%	100%
	Marijuana	82%	12%	4%	2%	100%
	Prescription drugs not prescribed to you	70%	24%	4%	2%	100%
	Opioid medications from your home	82%	14%	4%	0%	100%
10th	Beer, wine, or hard liquor (e.g., vodka, whiskey, or gin)	45%	29%	18%	8%	100%
	Cigarettes	54%	22%	14%	10%	100%
	E-cigarettes or other vaping products	46%	20%	12%	22%	100%
	Marijuana	62%	16%	11%	11%	100%
	Prescription drugs not prescribed to you	66%	21%	11%	2%	100%
	Opioid medications from your home	83%	11%	5%	1%	100%
12th	Beer, wine, or hard liquor (e.g., vodka, whiskey, or gin)	40%	24%	24%	12%	100%
	Cigarettes	46%	31%	14%	10%	100%
	E-cigarettes or other vaping products	37%	28%	15%	19%	100%
	Marijuana	47%	19%	17%	17%	100%
	Prescription drugs not prescribed to you	58%	24%	12%	6%	100%
	Opioid medications from your home	78%	12%	3%	7%	100%



Crime Scene Investigators



You are a detective working on a special operations team called the Drug Identification Unit. You have been trained to recognize impairment in people under the influence of drugs and to identify the specific drug causing the impairment.



Your task is to identify the drug of abuse in an investigation using its case file and the evidence the file contains.

Page 22 – two reference charts: street drugs and prescription/over-the-counter drugs



As you receive each piece of evidence, review the effects observed by the witnesses or officers at the scene. Use the tables on page 22 to identify the drugs that cause those effects and eliminate the ones that don't.



Let's test it out

If there is evidence of
confusion, which drugs
cause confusion?



Or...

If there is evidence of
vomiting, which drugs
cause vomiting?



As you review the various pieces of evidence and draw your conclusions, record your answers on Drug Identification Report (page 23). Repeat this process with each new piece of evidence until you have identified the drug in question.



Case File #01

- Incident Report (filed by the officer on the scene)
 - Two Witnesses Statements
- Photographs from the crime scene
- Drug Chemistry Report – the final document to confirm your conclusion





Police Department Incident Report

Case #	Date, Time Assigned	Date, Time Occurred	Locations of Occurrence	City	
01	1/18/15, 2:45 a.m.	Same	123 N. Franklin Street	Hometown	
Incident: Disorderly Conduct		Suspects Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Codes: AP = Arrested Person V = Victim RP = Reporting Person J = Juvenile I = Injury F = Fatal		
Accident Information					
Injuries Occurred: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Fatality Occurred: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Victim(s) transported to: _____		By: _____			
Citations(s) issued during incident investigation: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Citations(s) issued for: Disorderly Conduct; Drug Possession					
Code	Last	First	Middle	Sex	Age
AP	Tucks	Jacob	Allen	M	20
AP	Finder	Alice	Sarah	F	22
AP	Adams	Oliver	Mark	M	18
Synopsis:					
On January 18, 2015, I was dispatched to 123 N. Franklin Street to respond to a complaint of a large crowd and loud music coming from an abandoned warehouse at this address. When I arrived at the scene, I suspected most of the people were under the influence of drugs. They were sweating and appeared to have high energy levels. I arrested two suspects for disorderly conduct. One additional suspect was arrested for drug possession.					
Reporting Officer: Brown 214					
Supervisor: <i>TWJ</i>					





Police Department Witness Statement Form

Case # 01 Date/Time Occurred: 1/18/15, 2:45 a.m. Date/Time of Statement: 1/18/15, 3:30 a.m.

Incident Location: 123 N. Franklin Street Statement given to: (Officer) Brown 214

Witness Name Jackson Smith

Sworn Statement

I woke up to noises in my backyard. When I looked outside, I saw several people walking from the abandoned warehouse to my backyard to drink from my water hose. I heard some of them complaining that they were thirsty because their mouths were so dry.

Affirmation

I have read my statement and hereby swear or affirm that the facts contained herein are true and correct to the best of my belief.

WITNESS SIGNATURE: Jackson Smith

DATE SIGNED: 1/18/15 OFFICER WITNESS TO SIGNATURE: Brown 214

Witness Name Nancy Johnson

Sworn Statement

I woke up to the sound of loud music at 2:30am. I went out on my porch to take a closer look. I saw people dancing in the warehouse. Three of the partygoers stood in the street asking each other why they were wearing sunglasses and hats at night. They must have been hallucinating because none of them were wearing sunglasses or hats.

Affirmation

I have read my statement and hereby swear or affirm that the facts contained herein are true and correct to the best of my belief.

WITNESS SIGNATURE: Nancy Johnson

DATE SIGNED: 1/18/15 OFFICER WITNESS TO SIGNATURE: Brown 214





Department of Law Enforcement

1234 Headquarters Drive • Capital City, PA 98765

STATE POLICE COMMISSIONER

John Smith

Drug Chemistry Analysis

Laboratory Report: February 2, 2015

Drug Identification Unit Anytown Police Department
678 Main Street • Hometown, PA 12345
Chief of Police Taylor Jones

Case Number: 01
Submission Number: 201501

Subject(s): Tucks, Jacob
Finder, Alice
Adams, Oliver

Analyst's Signature: *Jason Ford*
Printed Name: Jason Ford
Title: Forensic Chemist I
Chemistry Section: Drug Chemistry

Offense: Disorderly Conduct and Drug Possession
Date of Offense: January 18, 2015

Items Submitted

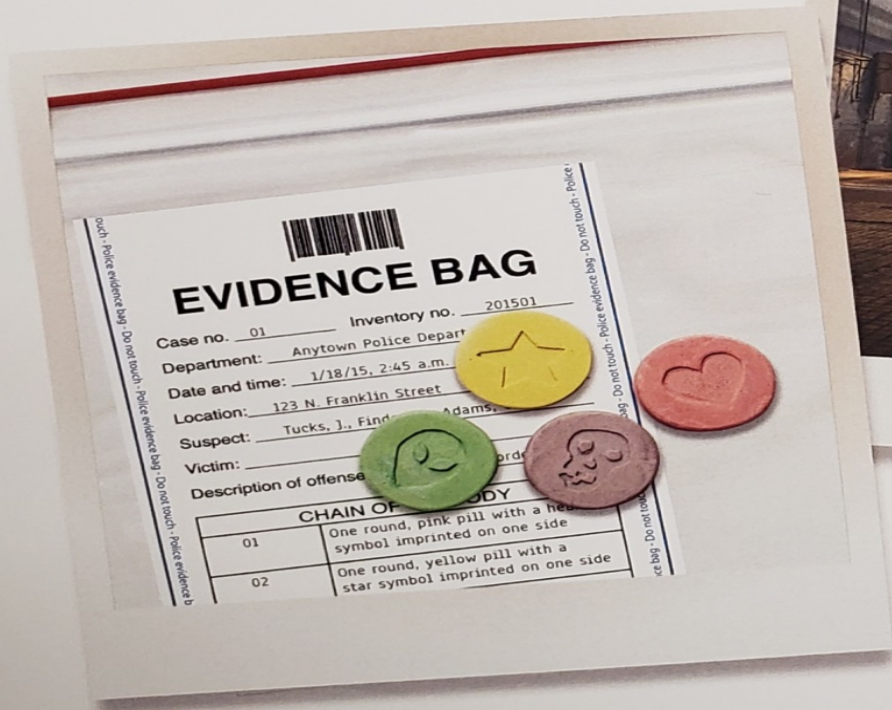
Item Number	Evidence
01	One round, pink pill with a heart symbol imprinted on one side
02	One round, yellow pill with a star symbol imprinted on one side
03	One round, purple pill with a skull symbol imprinted on one side
04	One round, green pill with an alien face imprinted on one side

Results of the Analysis

Item # 01: Pill was analyzed and found to contain MDMA; Net Weight: 300 mg
Item # 02: Pill was analyzed and found to contain MDMA; Net Weight: 300 mg
Item # 03: Pill was analyzed and found to contain MDMA; Net Weight: 300 mg
Item # 04: Pill was analyzed and found to contain MDMA; Net Weight: 300 mg

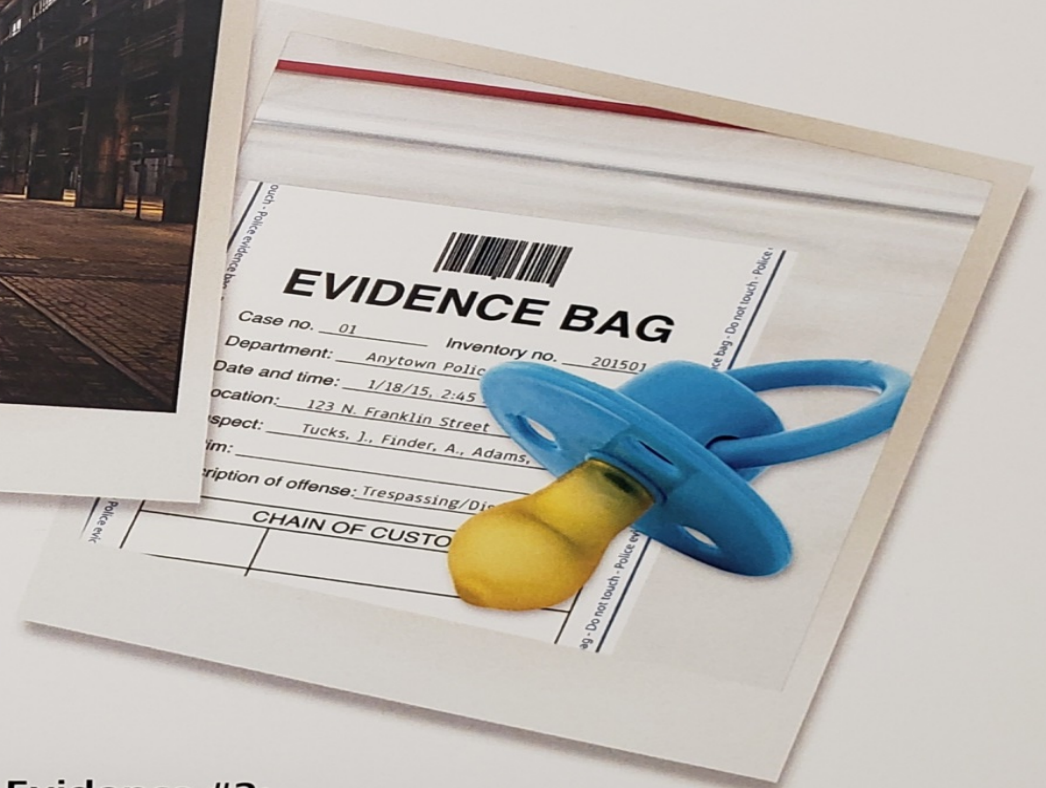


CASE NUMBER 01



Evidence #1:

Four brightly colored pills found on the floor of the warehouse. Each pill was imprinted with a symbol. The symbols included a heart, star, alien face, and skull.



Evidence #2:

A pacifier was found 3 feet from where the pills were located.

What drug did your
suspect use?



MDMA

Methylene-dioxy-methamphetamine is a hallucinogen commonly referred to as Ecstasy or Molly.

What were the other possible drugs in your case?

How did you determine the abused drug was MDMA?



Questions?



Reminder:

Please scan the QR
code on the red flyer
to complete an
evaluation and clock
out your time!

