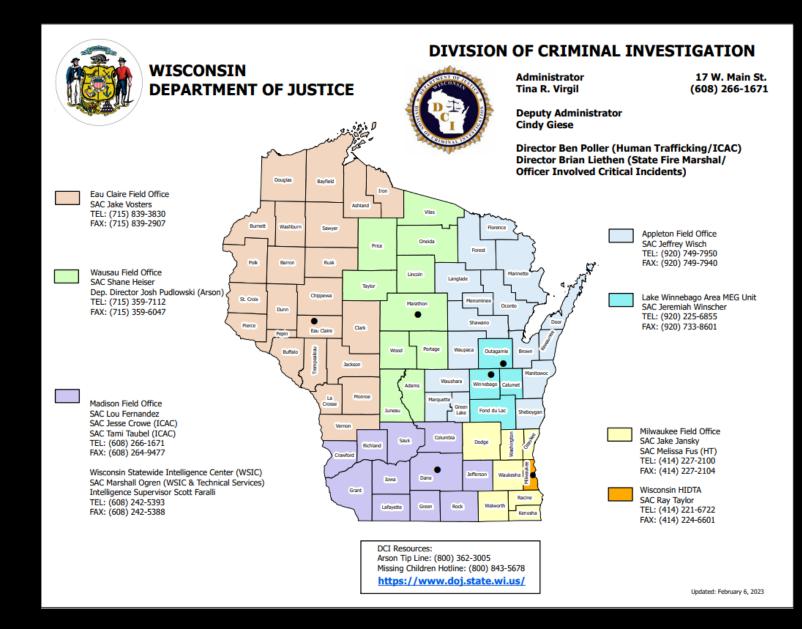
## Drug Trends

▶ Presented by:

► Special Agent Anthony Gischia, WI DOJ/DCI





#### OVERVIEW

- Categories of Drugs
- Schedules
- Penalties for Drugs
- Drug Trends
  - ► Transport
  - ► Use
  - Cost (financial, physical and social)
  - Symptoms and side effects

### Categories of Drugs

#### CNS Stimulants

- CNS Depressants
- ► Hallucinogens
- Narcotics
- Dissociative Anesthetics
- Cannabis (THC)
- ► Inhalants

### CNS Depressants

#### ► Examples:

- ► Alcohol
- Barbiturates
- Tranquilizers (Valium, etc.)
- ► Gamma Hydroxybutyrate (GHB)
- Many Anti-depressants
- Slow down the operations of the brain and the body

#### HALLUCIONGENS

#### ► Examples:

- ► LSD (acid)
- ► Peyote
- Psilocybin (mushrooms)
- ► MDMA (Ecstasy)

Cause the user to perceive things differently than they actually are

LSD

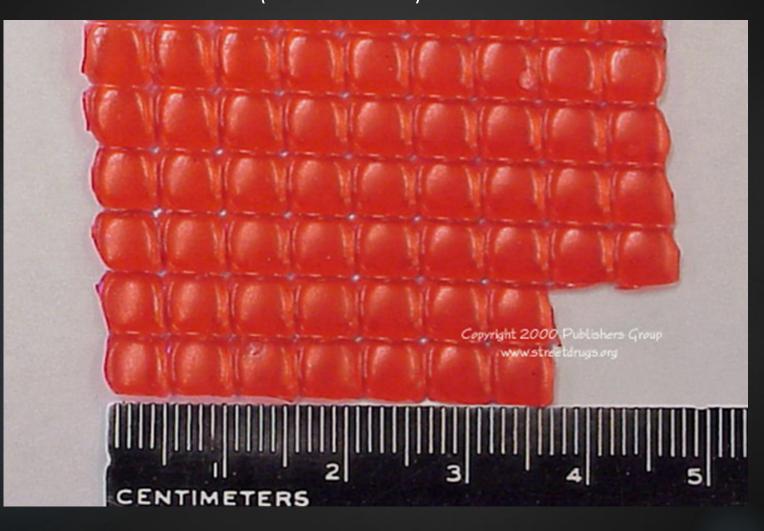




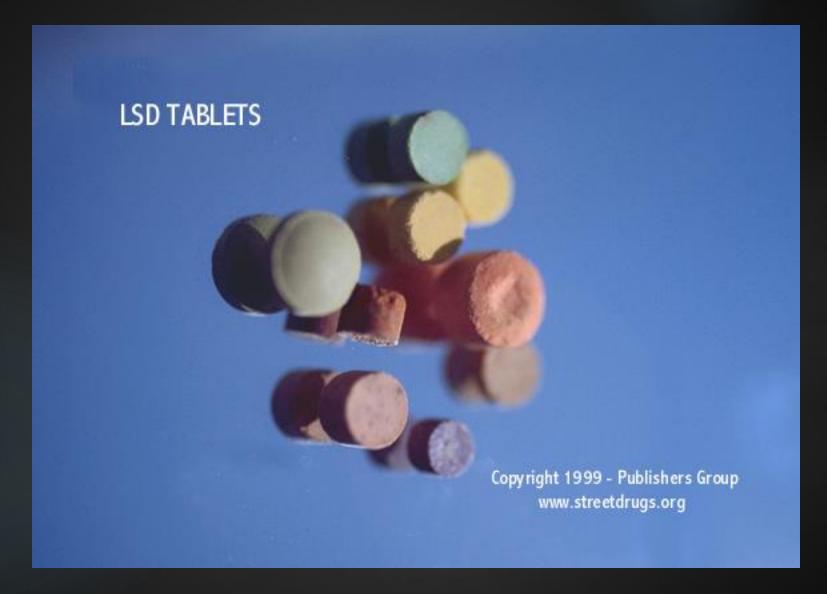
 Commonly placed on blotter paper



# "(LSD on wax)







### LSD

- ▶ \$5 \$10 per "hit"
- ▶ \$100 \$250 per sheet (100 "hits")
- "Bible" refers to 10 sheets (1,000 hits)



#### Dilated pupils

- Increased pulse/heart rate/breathing
- Hallucinations/"set and setting"
- ► Euphoria
- Pilo-erection/"goose bumps"
- Restlessness







#### MDMA

3,4-Methylenedioxymethamphetamine

- Commonly known as Ecstasy (tablet form); and Molly or Mandy (crystal form).
- Acts as both a stimulant and psychedelic



## Physiology of MDMA

- Decreases dopamine release
- Releases serotonin
- Inhibits reuptake of serotonin

### MDMA Psychological Effects

#### Mood lift

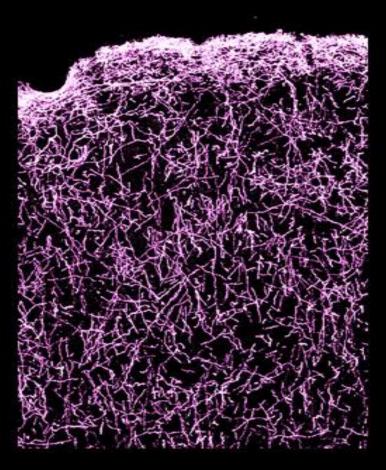
- Feelings of closeness to others, empathy, love, comfort, belonging
- Senses sharpened (especially visual)
- Depression "Terrible Tuesdays"
- Anxiety/Confusion
- ► Fatigue

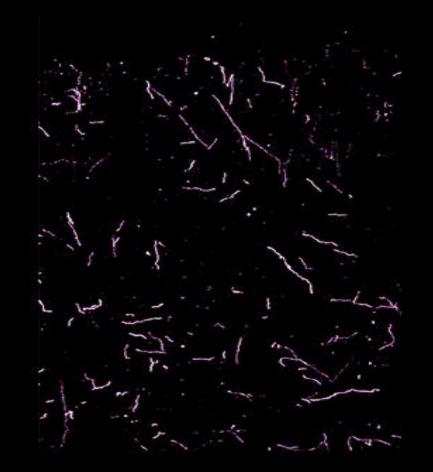
### MDMA Physical Effects

- Increase in energy level
- Appetite loss
- Visual distortion
- Rapid, involuntary eye jiggling (nystagmus)
- Restlessness, nervousness, shivering
- Increase in core body temperature hyperthermia, dehydration
- Hyponatremia blood sodium imbalance

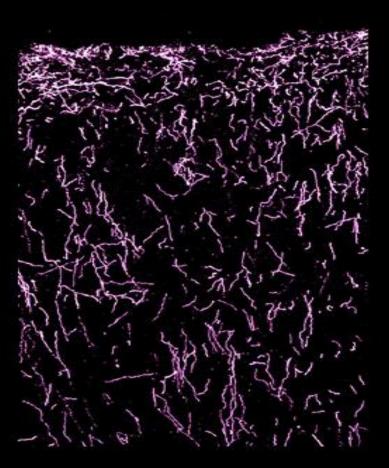
#### Serotonin Present in Cerebral Cortex Neurons

Control



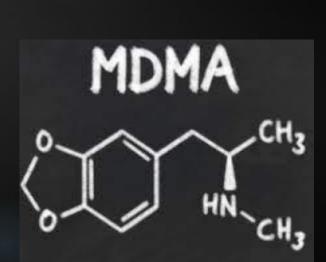


2 weeks after Ecstasy 7 years after Ecstasy



#### MDMA Street Names

Adam Beans Clarity Disco Biscuit Ε Ecstasy Eve Go Hug Drug Lover's Speed MDMA Peace STP Χ XTC



#### Price of Ecstasy

From the lab\$.50 - \$1.00 per pillAmsterdam bulk (100+)\$6.00 per pillAmerican bulk (100+)\$10-\$15 per pillOn the street\$15-\$25 per pill





#### Paraphernalia

- ► Light sticks
- ► Pacifiers
- Tooth brushes
- Candy rings
- Necklace/string
- Vicks/menthol rub
- ► Face mask
- ► Tootsie Rolls







#### **Dissociative Anesthetics**

#### ► EXAMPLES:

- ► Formerly referred to as PCP
  - ► Phencyclidine
- Analogs like Ketamine and Ketaset
- Dextromethorphan
- Inhibit pain by cutting off or dissociating the brain's perception of the pain
- Causes people to feel separated or detached from their body or physical environment
- Can cause hallucinations and other changes in thoughts, emotions and consciousness

### Slang terms

- Angel Dust
- ► Wet
- ► Boat
- ► Special K
- ► Killer Weed







### Inhalants

#### ► EXAMPLES:

- ► Toluene
- ▶ Butane
- ► Gasoline
- ► Paint Thinner

#### breathable substances that produce mind-altering results and effects



## Prescription Drug abuse

The three classes of medication most commonly misused are:

- opioids—usually prescribed to treat pain
- central nervous system [CNS] depressants (this category includes tranquilizers, sedatives, and hypnotics)—used to treat anxiety and sleep disorders
- stimulants—most often prescribed to treat attention-deficit hyperactivity disorder (ADHD)



# Narcotics

HEROIN, OXYCONTIN, OXYCODONE, FENTANYL, HYDROMORPHONE, METHADONE, MORPHINE, OPIUM

### Heroin

#### Schedule | Narcotic

- Highly addictive drug and it is a rapidly acting opioid.
- Heroin is processed from morphine, a naturally occurring substance extracted from the seed pod of certain varieties of poppy plants grown in: Mexico, South America, Southwest Asia (Afghanistan & Pakistan), and Southeast Asia (Thailand, Laos, and Myanmar)
- Common names: "H", "Boy", "Down", "Dark"
- Distinct odor similar to cat urine....



Typically sold in 1/10 gram increments as "bins" or "points", 1⁄2 grams and gram levels.



Heroin comes in several forms, primarily brown, gray or white powder from Mexico and South America; and "Black Tar" from Mexico.



#### Tar Heroin







### Use and Paraphernalia

- Users will pool money together and travel to a source city, Milwaukee, Chicago, Madison
  - Often hidden in body cavities (K9 seat sniff method)
- Snort, smoke , eventually inject for quicker high
- ► Fewer social stigmas regarding intravenous drug use
  - ▶ Will inject in arms, eyebrows, between toes
- New users become addicted quickly and progress to intravenous use due to more efficient use of product as well as a greater perceived "high"





#### Effects of Use

- Intense feeling of euphoria due to flooding of dopamine receptors in the brain
- ► Numbing effect
- Constricted pupils
- Decreased respiratory rate, "on the nod"
- Lowered blood pressure
- Constipation
- High risk of overdosing due to unknown quality/purity tolerance levels - fentanyl recently being mixed with heroin.

### Effects of Withdrawal

#### Nausea

- Diarrhea
- Extreme flu like symptoms
- Watery eyes
- General sense of poor health, sickly looking
- Urge to use often overwhelming other inhibitions, will do anything to not be sick anymore.
  - ► Daily way of life for most addicts.



#### "Rig kit" – commonly stored in eye glass cases





Bindles hidden in lighter

### Opiate users often sell / trade Rx laxatives.



### Torn baggies corners for packaging



### Fentanyl



### Fentanyl - Synthetic Opioids

- Fentanyl is a potent synthetic opioid drug approved by FDA for use as an analgesic and anesthetic (pain relief) and is a Scheduled II Narcotic.
- Common Street names:
  - Apache, China Girl, China Town, Dance Fever, Friend, Goodfellas, Great Bear, He-Man, Jackpot, King Ivory, Murder 8, and Tango & Cash.
- Effects the body similar to other commonly used opioids.

### FENTANYL

- A synthetic (manmade) opioid that is similar to morphine.
- ▶ 50-100 times more potent than morphine.
- Fentanyl can be injected, snorted/sniffed, smoked, taken orally by pill or tablet, and spiked onto blotter paper. Fentanyl patches are abused by removing its gel contents and then injecting or ingesting the contents. Fentanyl can also be absorbed through the skin.
- Can be lethal in very small doses as little as 0.25 milligrams.
- Distributed from China through mail, customers often do not know what they are actually receiving. Also produced in labs in Mexico and smuggled into the United States.

Fentanyl pharmaceutical products available in dosage forms:

- Oral lozenges, Sublingual tablets, Sublingual Sprays, Nasal sprays, Transdermal patches, Injectable formulations.

Clandestinely produced fentanyl is encountered either as a powder or in counterfeit tablets and is sold alone or in combination with other drugs such as heroin or cocaine.







Heroin combined with Fentanyl: referred to as "Grey Death" or a "Fentanyl Cocktail"



## Stimulants

METHAMPHETAMINE, COCAINE, CRACK-COCAINE, AMPHETAMINES

### Methamphetamine (Meth)



- Schedule II stimulant highly addictive drug with potent central nervous system (CNS) stimulant properties
- Mexican drug trafficking organizations have become the primary manufacturers and distributors of methamphetamine to cities throughout the United States, including in Hawaii. Domestic clandestine laboratory operators also produce and distribute meth but usually on a smaller scale. The methods used depend on the availability of precursor chemicals.
  - Locally sourced from Western WI & Twin Cities , which come from "Super labs" in Mexico
- User amounts are small tenth gram quantities "points"
- Common names: Up, Tina, Glass, Ice, Shards, Christina
- Weight terms: "point" .1 gram, "teener" 1.75 grams, "8ball or ball" 3.5 grams, "zip" or "O" 1-ounce = 28 grams

### Methamphetamine Precursors



The main chemical used in methamphetamine production is pseudoephedrine, ephedrine

### Use / Packaging

- Typically packaged in plastic gem bags, plastic zip-lock bags or knotted corner bags.
- Effect on body Increased wakefulness & physical activity, decreased appetite, rapid breathing & heart rate, irregular heartbeat, increased blood pressure, and hyperthermia (overheating).
- Common that heroin users will use meth in order to "get motivation" - deadly mix
- Intense feeling of euphoria, can last for extended periods, 8+ hours with little use. Users will often binge for several days





### Use

 Injected, snorted, can also be smoked out of glass light bulbs, "bubble" pipes, or off tinfoil.



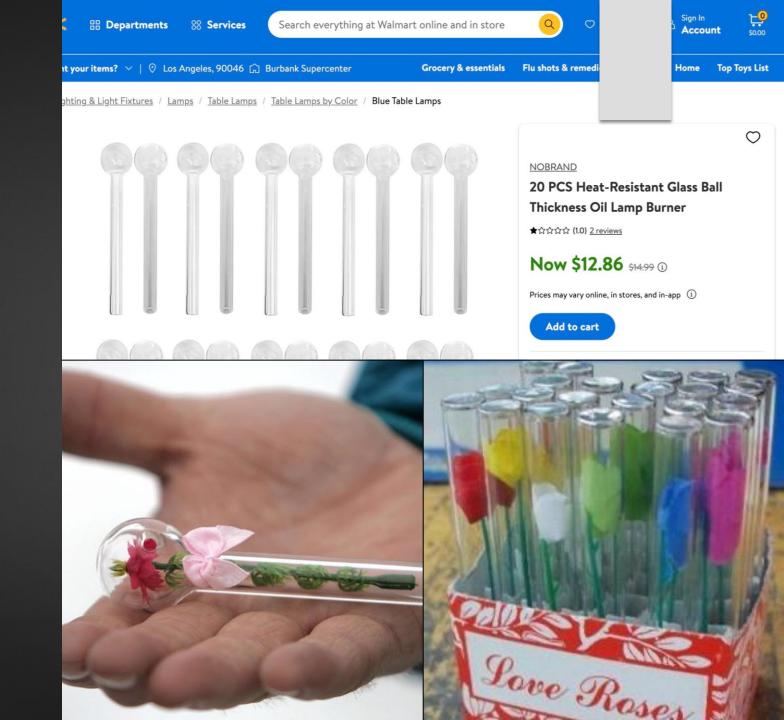
## Gem bags of various sizes, "scooper straws", folded cards







#### Meth pipes sold in gas stations and through retailers



### Meth Side Effects

- Side effects include weight loss, loss of appetite, paranoia, scabs and open sores brought on by nervous picking at the skin including injection sites and "meth bugs"
- Chronic abuse can lead to psychotic behavior, paranoia, insomnia, anxiety, extreme aggression, delusions and hallucinations
- Following a binge, users will have severe exhaustion and crash, can often sleep for days.





#### ►Meth Bugs

► Meth can cause severe itching that makes people rub their skin raw. It can also make a person hallucinate and scratch imaginary bugs. Meth users often develop unhealthy skin after eating a poor diet and neglecting their personal hygiene

#### Effects of chronic meth use on the body March 21<sup>st</sup> 2016 – February 2<u>5<sup>th</sup> 2017</u>





### METH MOUTH...

# METH LABS

### One Pot Method, a.k.a "Shake & Bake"

- Manufacturing methamphetamine by placing all components into one container and allowing it to "cook".
- Utilizes ammonium nitrate from "cold packs", fertilizer and tree spikes.
- Risk of explosions from container failure due to overpressure or lithium metal burning hole in container.
- Primary method for producing meth in Wisconsin.





### Extremely Unstable



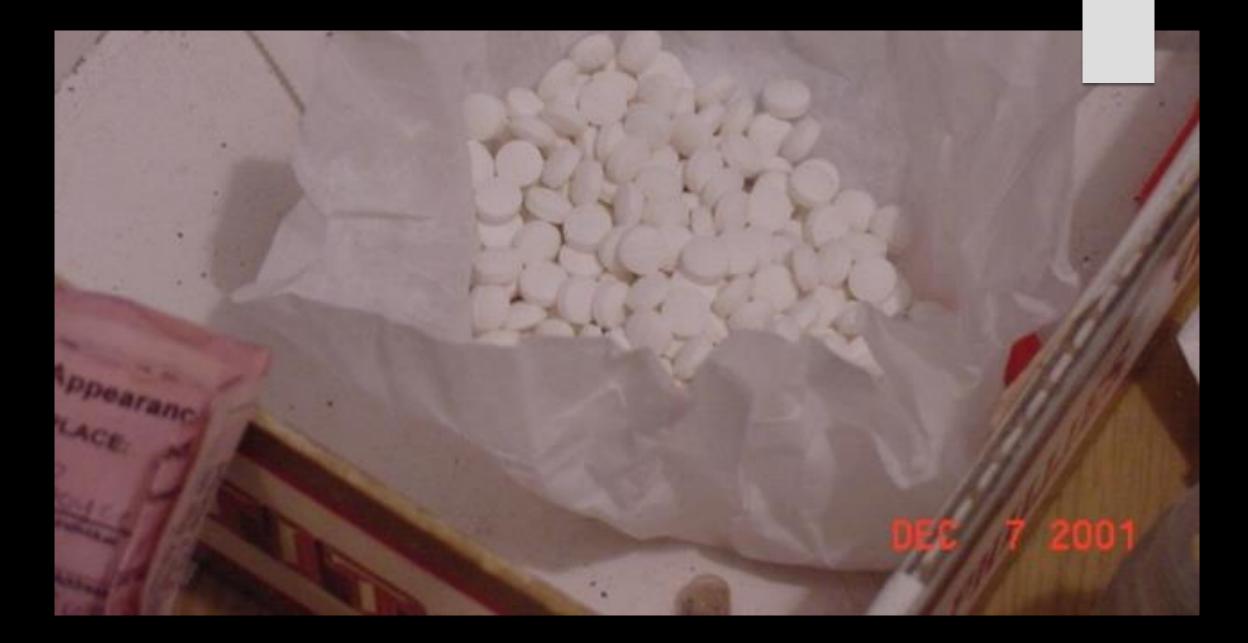
Cooking Vessels for "One Pot"

















## ANHYDROUS AMMONIA

### Anhydrous Ammonia Containers



#### Lithium Batteries

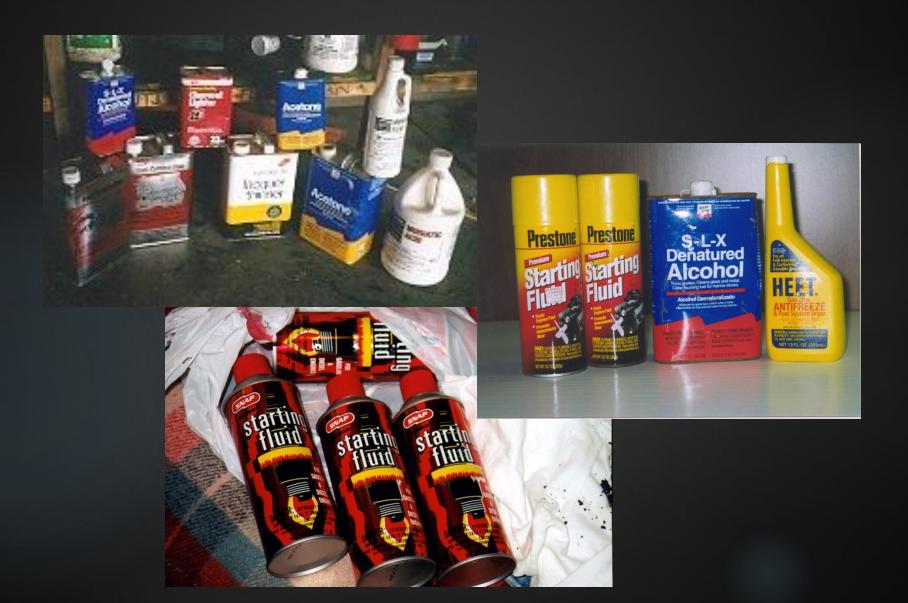


#### Lithium Battery Components





#### Solvents









#### Sodium Metal



#### Red Phosphorous



#### **Red Phosphorous**

## **SULFURIC ACID**



#### HCL Gas Generators





#### HCL Gas Generators









# Meth will vary in color depending on products used to cook



#### Cocaine

- Schedule II stimulant drug which produces an intense euphoria and has strong addictive potential.
- Derived from coca leaves grown in Bolivia, Peru & Colombia. Approx.
  90% of cocaine power reaching the U.S. is produced in Colombia.
- Most cocaine entering the U.S. comes through Mexico.
- Common names: Coke, Crack, Girl, White-girl, Soft, Up.
- Typically has a very "chemical" smell to it.



#### Cocaine Use

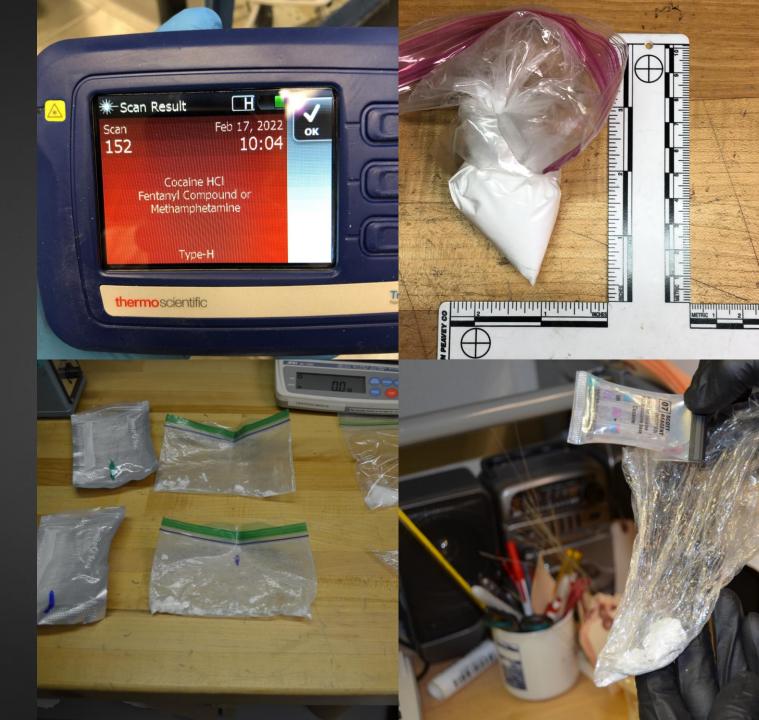
Can be snorted, injected or smoked (Crack)

Increased blood pressure & heart rate, dilated pupils, insomnia and loss of appetite. Other effects include increased alertness & excitation, as well as restlessness, irritability and anxiety. Higher purity levels can lead to cardiac arrhythmias, ischemic heart conditions, sudden cardiac arrest, convulsions, strokes, and death.

Weight terms: "point" .1 gram, "teener" 1.75 grams, "8ball or ball"
3.5 grams, "zip" 1-ounce = 28 grams

### Cocaine

- Commonly a white in color powder. Can be "rock-like" when compressed.
- Color may vary if coke is "cut" or diluted with another substance. (Commonly cut with Fentanyl).



#### Packaging







#### Cocaine

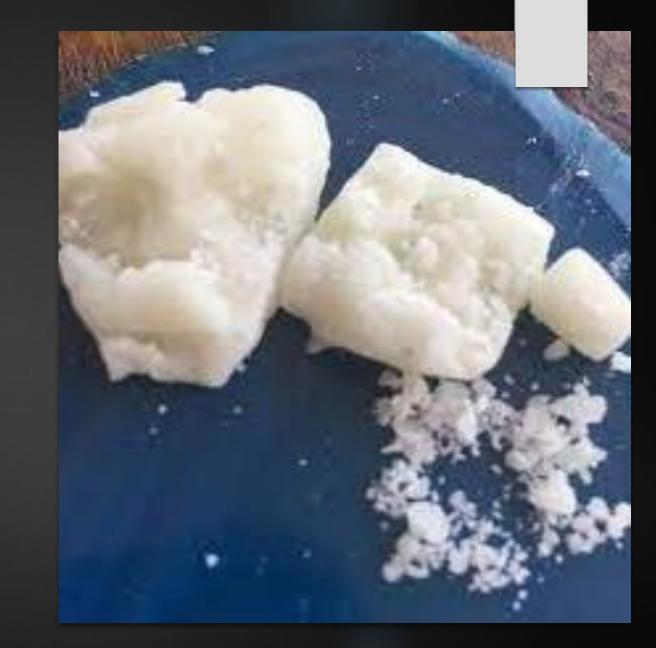
1 GRAM\* = \$100 1/8 OUNCE = \$175 - \$200 1 OUNCE = \$800 - \$1200 1 KILOGRAM = \$16,000 - \$25,000

\* 1 gram = 10 "lines" (dosage units)

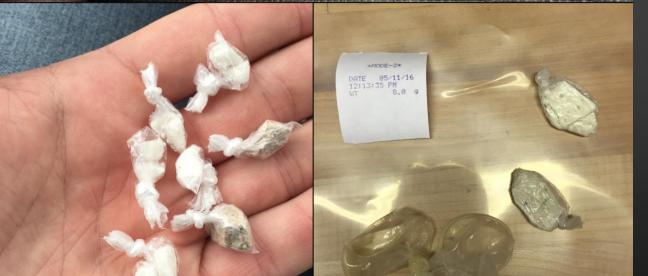


#### Cocaine Base "Crack"

- Common dosage unit = "Rock"
- Also called "pebble", "piece" or "pea"
- Rock is roughly 1/4 to 1/2 gram
- Rock costs between \$5 and \$50
- Cost depends on size and location
- Approximately 4 5 "hits" per rock







#### Crack

- Cocaine base, looks like small irregularly shaped chunks (or "rocks") of a whitish solid. Can have a waxy appearance.
- Created through a process involving baking soda, which results in crystalline "rocks."













#### Utilization

- Smoked using pipe or tube
- Paraphernalia includes Chore Boy, lighters, gem bags, "corner cuts"
- Extensive use may blacken fingertips







## Marijuana

BUD, OIL/WAX, EDIBLES

#### Marijuana

- Psychoactive ingredient is Delta 9 Tetrahydrocannabinol (THC)
- Classified as a Schedule I in Wisconsin
- Prices vary due to the rise in legalization in U.S., quality, and quantity
- Common street name:
  - Aunt Mary, BC Bud, Blunts, Boom, Chronic, Dope, Gangster, Ganja, Grass, Hash, Herb, Hydro, Indo, Joint, Kif, Mary Jane, Mota, Pot, Reefer, Sinsemilla, Skunk, Smoke, Weed, and Yerba

#### Marijuana "Bud/Flower"

- Effects on the body -Sedation, bloodshot eyes, increased heart rate, coughing from lung irritation, increased appetite & decreased blood pressure. Can influence pleasure, memory, thought, concentration, sensory and time perception, and coordinated movement
- Majority of marijuana in U.S. now manufactured in U.S.

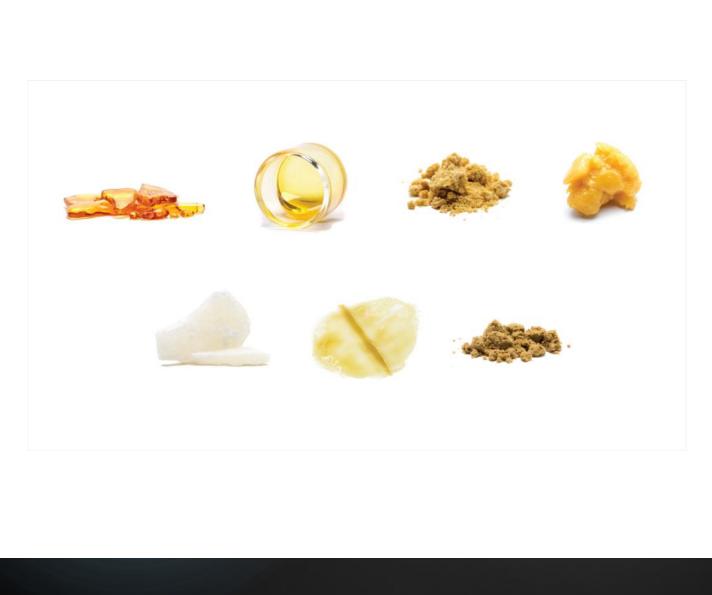








Marijuana Utilization

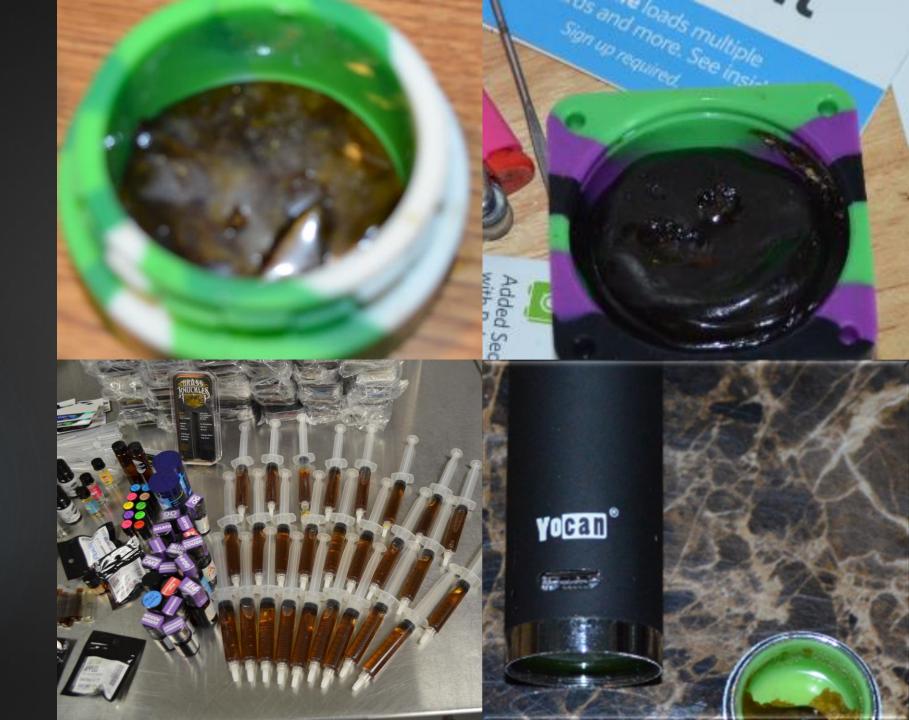


#### Marijuana Concentrates

Marijuana concentrate is a highly potent THC (Tetrahydrocannabinol) concentrated mass that looks like honey or butter. Often referred to as: 710 ("OIL" spelled backwards), wax, honey oil, budder, butane hash oil, butane honey oil (BHO), shatter, dabs (dabbing), glass.

THC content contain extraordinarily high THC levels which can be up to four time stronger than high grade marijuana, which measures around 20% THC levels. THC levels can range over 90%.

## THC Oil/Wax





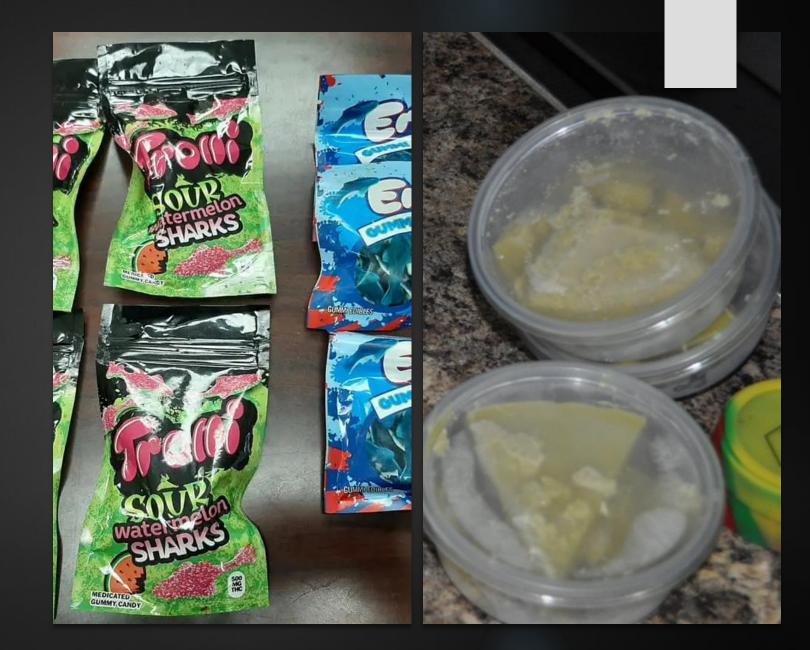
#### THC Cartridges





#### THC Edibles

- The effects from smoking marijuana only takes minutes. Edibles, however, take between 1-3 hours because food is absorbed into the bloodstream through the liver. Because it takes longer, the user may end up consuming larger amounts of the drug while thinking the drug isn't working.
- ► The amount of THC, the active ingredient in marijuana, is very difficult to measure and is often unknown in these food products.
- If the user has other medications in his or her system, their body may metabolize different amounts of THC, causing THC levels in the bloodstream to dangerously increase fivefold.
- Overdose symptoms from eating marijuana are often more severe than symptoms of an overdose from smoking marijuana.
- High potential for overdose from marijuana edibles



#### THC Edibles



## Marijuana Grows outdoors











# Marijuana Grows















## Synthetics

#### Synthetic Cannabinoids

Synthetic cannabis is a <u>psychoactive</u> designer drug created by spraying natural herbs with synthetic chemicals that, when consumed, produce psychoactive effects

Bath Salts

Bath salts is a term used to describe a number of designer drugs often containing <u>substituted</u> <u>cathinones</u>, which have effects similar to <u>amphetamine</u> and <u>cocaine</u>

## Manufacture of Synthetics

- Synthetic cannabinoid compound powder diluted with Acetone
- Dilution is applied (mixed in tubs or sprayed) to plant leaves Damiana & Mullien being most favored
- Allowed to dry



### Other Methods of Distribution

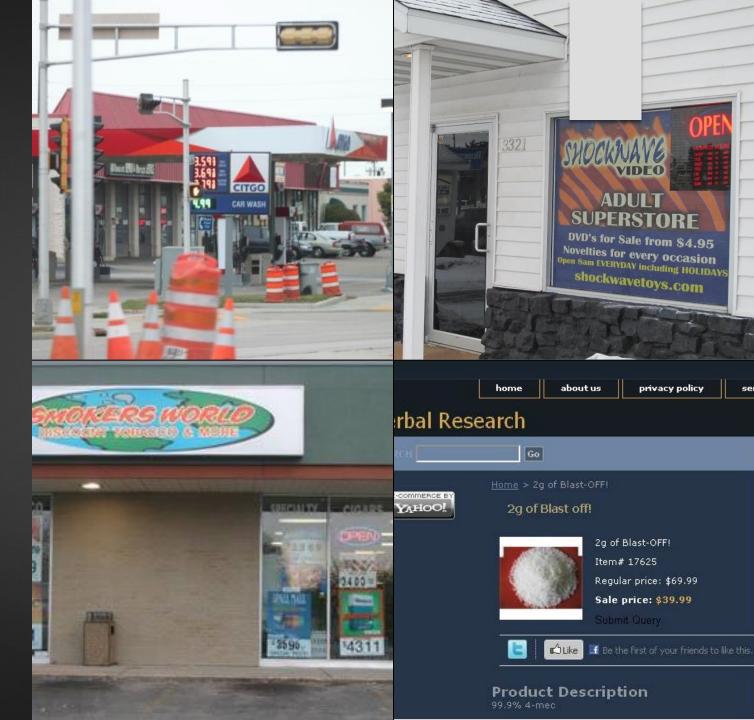
- Processing synthetic powder into liquid
- Introducing liquid synthetic into E Cigarette
- No characteristic odors associated with "incense"
- Look for the physical signs



© 2009 K. Nacl

## Where Is It Sold?

- Adult Toy / Book Shops
- Smoke / Paraphernalia Shops
- Gas Stations
- ► Internet
- Street Sales
- Schools



## How It Is Sold Here





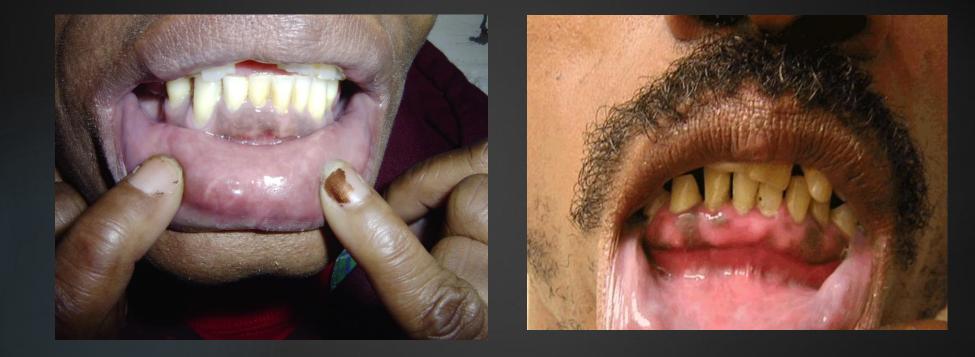




## Short Term Effects

- ► Anxiety
- Confusion
- Paranoia
- ▶ Irritation
- ► Nausea / Vomiting
- ► Fever
- Chest pain
- ► Tachycardia
- ► Hypertension
- ► Hyperglycemia
- ► Hypokalemia
- ► Conjunctivitis
- Seizures
- ► Loss of consciousness

## Carbon Deposits



## Synthetic Cathinones



## Synthetic Cathinones

- Sold as Plant Food, Bath Salts, Room Deodorizers
- Sold as a stimulant similar to cocaine, MDMA, methamphetamine
- Sold pure or with "cut" agents

### 2-Methylamino-1-p-tolylpropa Not for human consumption. For technical use only.



Batch: 02 Purity: 98+% Sample: 1g

Fertilizer Stir 3 milligrams of the compound in distilled water. Spray on root of plant. Not For Human Consumption.





bestmdpyfertili

PURE 4-MMC PLANT FOOD NOT FOR HUMAN CONSUMPTION

one

HC

HN

## PENALTIES IN WISCONSIN





#### WI Chapter 961.41(3g)

Possession - No person may possess or attempt to possess a controlled substance or a controlled substance analog unless the person obtains the substance or the analog directly from, or pursuant to a valid prescription or order of, a practitioner who is acting in the course of his or her professional practice, or unless the person is otherwise authorized by this chapter to possess the substance or the analog.

#### WI Statute 961.41.(1m)

Possession with intent to manufacture, distribute or deliver. Except as authorized by this chapter, it is unlawful for any person to possess, with intent to manufacture, distribute or deliver, a controlled substance or a controlled substance analog. Intent under this subsection may be demonstrated by, without limitation because of enumeration, evidence of the quantity and monetary value of the substances possessed, the possession of manufacturing implements or paraphernalia, and the activities or statements of the person in possession of the controlled substance or a controlled substance analog prior to and after the alleged violation.

### WI Statute 961.41(1)

Manufacture, distribution or delivery - Except as authorized by this chapter, it is unlawful for any person to manufacture, distribute or deliver a controlled substance or controlled substance analog.

#### ▶ WI Statute 961.41(1x) and 939.31

Conspiracy - whoever, with intent that a crime be committed, agrees or combines with another for the purpose of committing that crime may, if one or more of the parties to the conspiracy does an act to effect its object, be fined or imprisoned or both not to exceed the maximum provided for the completed crime; except that for a conspiracy to commit a crime for which the penalty is life imprisonment, the actor is guilty of a Class B felony.

- Len Bias WI Statute 940.02(2)(a)
- Reckless Homicide Whoever causes the death of another human being under any of the following circumstances is guilty of a Class C felony:
- By manufacture, distribution or delivery, in violation of s. <u>961.41</u>, of a controlled substance included in schedule I or II under ch. <u>961</u>, of a controlled substance analog of a controlled substance included in schedule I or II under ch. <u>961</u> or of ketamine or flunitrazepam, if another human being uses the controlled substance or controlled substance analog and dies as a result of that use.

- ► For a Class A felony, life imprisonment.
- ▶ For a Class B felony, imprisonment not to exceed 60 years.
- For a Class C felony, a fine not to exceed \$100,000 or imprisonment not to exceed 40 years, or both.
- For a Class D felony, a fine not to exceed \$100,000 or imprisonment not to exceed 25 years, or both.
- For a Class E felony, a fine not to exceed \$50,000 or imprisonment not to exceed 15 years, or both.
- For a Class F felony, a fine not to exceed \$25,000 or imprisonment not to exceed 12 years and 6 months, or both.
- For a Class G felony, a fine not to exceed \$25,000 or imprisonment not to exceed 10 years, or both.
- For a Class H felony, a fine not to exceed \$10,000 or imprisonment not to exceed 6 years, or both.
- For a Class I felony, a fine not to exceed \$10,000 or imprisonment not to exceed 3 years and 6 months, or both.

## Questions?

CONTACT INFORMATION: SPECIAL AGENT ANTHONY GISCHIA – WI DOJ/DCI PHONE: 715-409-8789 EMAIL: GISCHIAAC@DOJ.STATE.WI.US