



# Drug Identification

Presented by the

**Metro Area Narcotics Task Force**

2016

# Marijuana



# Marijuana Effects

- Euphoria, Followed by Relaxation
- Loss of Appetite
- Impaired Memory
- Loss of Coordination
- Psychosis
- May Cause Cancer





# Marijuana Edibles



# Marijuana Wax / Shatter





# Local Marijuana

- Seizures by the Metro Area Narcotics Task Force
- Locations in Bismarck and Mandan











\$40  
rime















# Synthetic Marijuana Effects

- Rapid Heart Rate
- Drastically Raised Blood Pressure
- Hallucinations
- Delusions
- Changes in Behavior and Perception
- Seizures
- DEATH



# Synthetic Marijuana Emergency

- North Dakota
- 16 Year Old Female
- First Time Ever Smoked Synthetic Marijuana



# Hallucinogens



# Ecstasy

- Dilated Pupils
- Increased Confidence
- Increased Senses
- Sociability
- Confusion
- Jaw Clenching
- Teeth Grinding
- Sweating
- Increased Heart Rate and Blood Pressure



# Molly



# Psilocybin Mushrooms

- Dilated Pupils
- Excessive Perspiration
- Distorted Senses
- Mood and Behavior Changes
- Hallucinations
- Disorientation
- Confusion
- Elevated Heart Rate and Blood Pressure



# Local Psilocybin Mushrooms





# Methamphetamine





# Methamphetamine Effects

## ▪ Short Term

- Loss of Appetite
- Change in Sleeping Patterns
- Severe Mood Swings
- Unpredictable Behavior
- Elevated Blood Pressure
- Irregular Heart Rate

## ▪ Long Term

- Feelings of Bugs Crawling on Skin
- Body Sores for Picking at Skin
- Psychosis and Hallucinations
- Brain Damage
- Stroke
- Coma

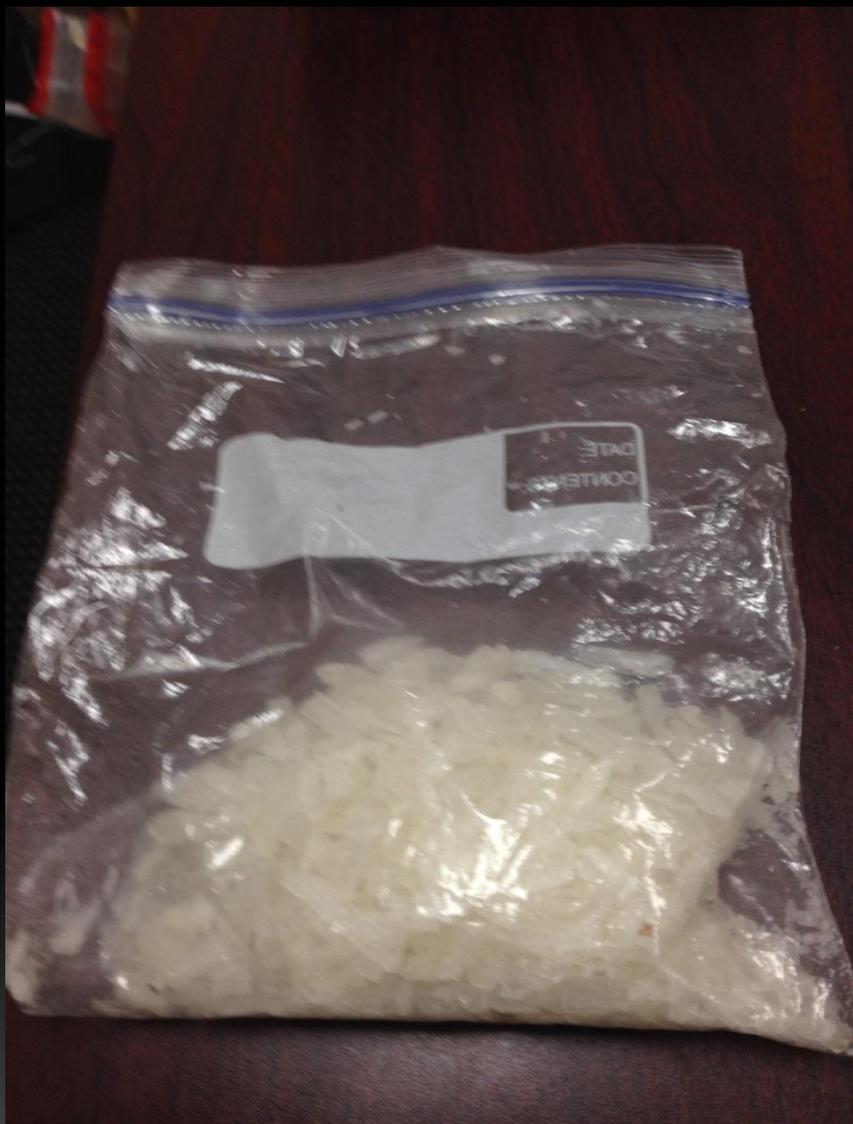


# Local Methamphetamine

- Seizures by the Metro Area Narcotics Task Force
- Locations in Bismarck and Mandan













50 grams















# Clandestine Laboratories





# Clandestine Labs

- DANGEROUS
- Toxic – Acid fumes, anhydrous fumes, phosphene gas
- Flammable
- Explosive
- Low oxygen levels



# Five Main Lab Components

- Precursor – Ephedrine/Pseudoephedrine
- Reagent – Acids (HCL or Muriatic), lithium metal
- Solvents – Coleman fuel, ether, acetone, isopropyl alcohol
- Catalyst – Red phosphorous or anhydrous ammonia
- Hydrogen Chloride Gas for salting

# Red Phosphorous Meth Lab



# Anhydrous Meth Lab



# Heroin



# Heroin Effects

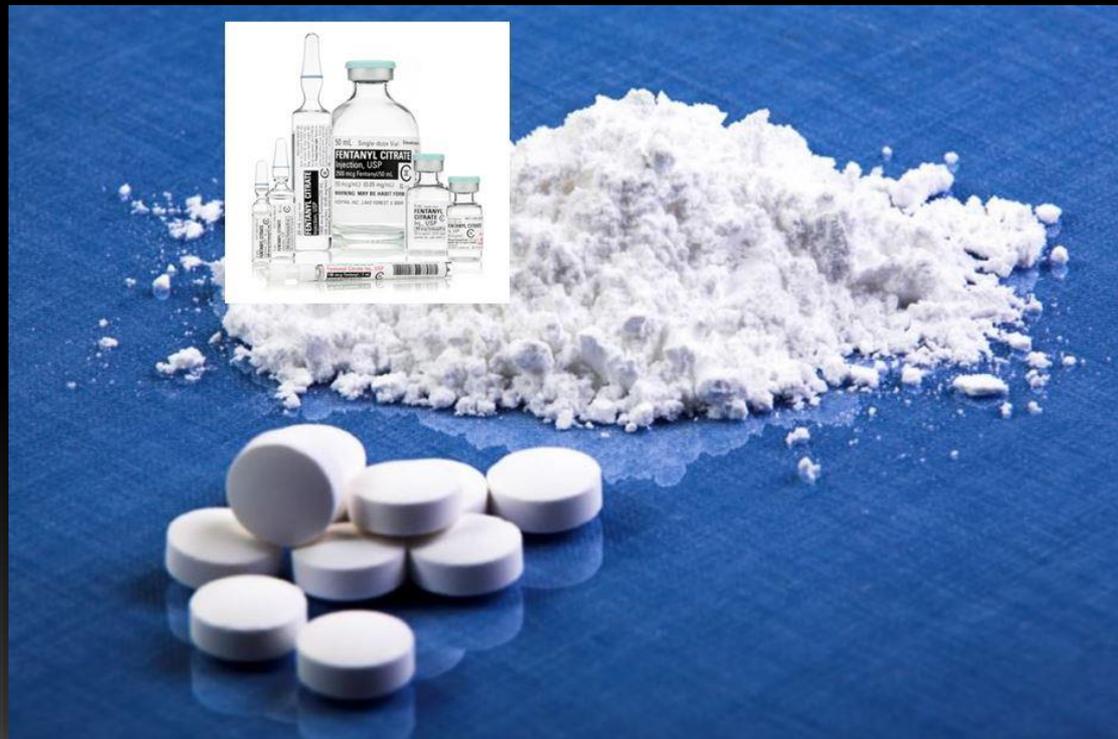
- Pinpoint Pupils
- Lethargy
- Drowsiness
- Slurred Speech
- Shallow Breathing
- Sweating
- Vomiting
- Sleepiness
- Loss of Appetite



# Local Heroin



# Fentanyl

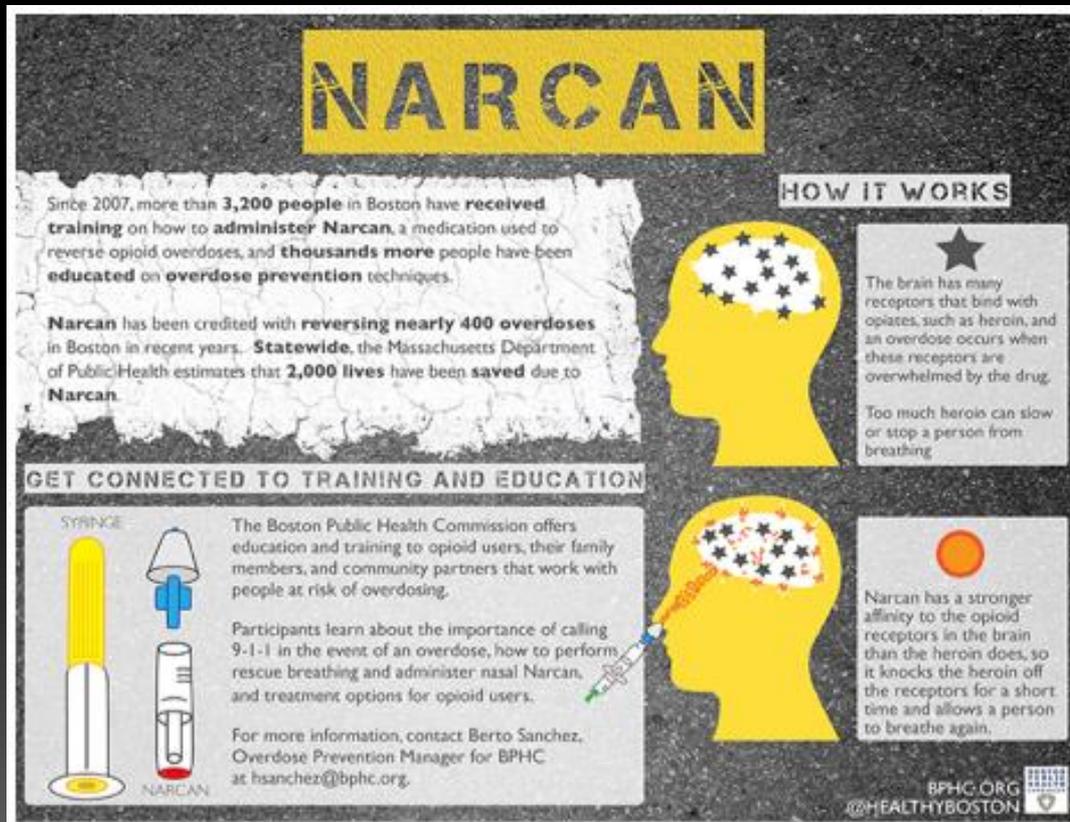




# Fentanyl

- Fentanyl is a schedule II synthetic opioid
- Approximately 80-100 times stronger than morphine
- Can be ingested, smoked, injected, transdermal patch, swallowed
- Often used to increase potency of low quality heroin
- **FENTANYL CRYSTALS ARE MORE DEADLY THAN RICIN. THE EQUIVALENT OF THREE GRAINS OF SALT CAN KILL YOU!**

# Naloxone (Narcone)



**NARCAN**

Since 2007, more than **3,200 people** in Boston have **received training** on how to **administer Narcan**, a medication used to reverse opioid overdoses, and **thousands more** people have been **educated on overdose prevention techniques**.

**Narcan** has been credited with **reversing nearly 400 overdoses** in Boston in recent years. **Statewide**, the Massachusetts Department of Public Health estimates that **2,000 lives** have been **saved** due to **Narcan**.

### HOW IT WORKS

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The brain has many receptors that bind with opiates, such as heroin, and an overdose occurs when these receptors are overwhelmed by the drug.

Too much heroin can slow or stop a person from breathing.

### GET CONNECTED TO TRAINING AND EDUCATION

**SYRINGE**

The Boston Public Health Commission offers education and training to opioid users, their family members, and community partners that work with people at risk of overdosing.

Participants learn about the importance of calling 9-1-1 in the event of an overdose, how to perform rescue breathing and administer nasal Narcan, and treatment options for opioid users.

For more information, contact Berto Sanchez, Overdose Prevention Manager for BPHC at [hsanchez@bphc.org](mailto:hsanchez@bphc.org).

**NARCAN**

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Narcan has a stronger affinity to the opioid receptors in the brain than the heroin does, so it knocks the heroin off the receptors for a short time and allows a person to breathe again.

BPHC.ORG  
@HEALTHYBOSTON

# Cocaine and Crack Cocaine



# Cocaine Effects

- Increased Energy
- Talkative
- Enhanced Senses
- Reduced Sleep
- Erratic Behavior
- Neurological Effects
- Strokes
- Seizures
- Coma



# Crack Cocaine Effects

- Dilated Pupils
- Vertigo
- Increased Blood Pressure
- Increased Heart Rate
- Risk of Cardiac Arrest



# Diversion and Prescription Drug Abuse





# Diversion and Prescription Drug Abuse

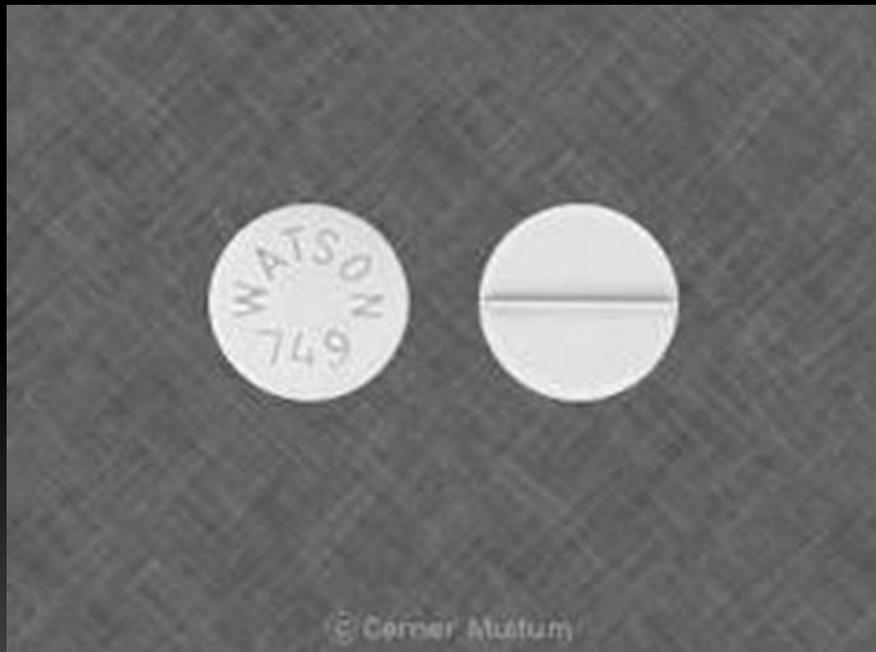
- One of the fastest growing drug problems
- Theft of prescription pads
- Theft of prescriptions from others prescribed
- Forging of prescriptions
- Altering of prescriptions



# Diversion and Prescription Drug Abuse

- Most common – any opiate based drug (Oxycodone, Oxycontin, Hydrocodone)
- Stimulants – Dextroamphetamine, Vyvanse
- Cocktails – Speedballs (any stimulant mixed with a depressant)
- Lots of juvenile involvement – “pill parties”

# Oxycodone



# OxyContin (Percocet)



# Hydrocodone (Vicodin)



# Dextroamphetamine (ADHD)



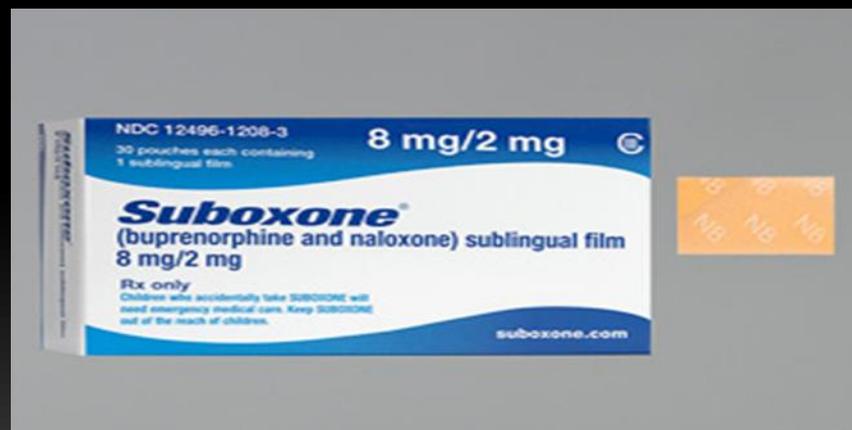
# Dilaudid (Hydromorphone)



# Oxycodone Hydrochloride “Roxy”



# Suboxone





# Drug Prices

- Marijuana
  - High Grade: \$420-\$480 per ounce
  - Low Grade: \$150 per ounce
- Methamphetamine
  - \$200 per gram
- Heroin
  - \$100 per point (1/10<sup>th</sup> of gram)
- Cocaine
  - Powder: \$100 per gram
  - Crack: \$150 -\$150 per gram
- Ecstasy
  - \$25-\$35 per tablet
- Prescription Medication
  - \$1 per milligram
- Synthetic Cannabinoids
  - \$25-\$40 per package (package between 1 and 3 grams)

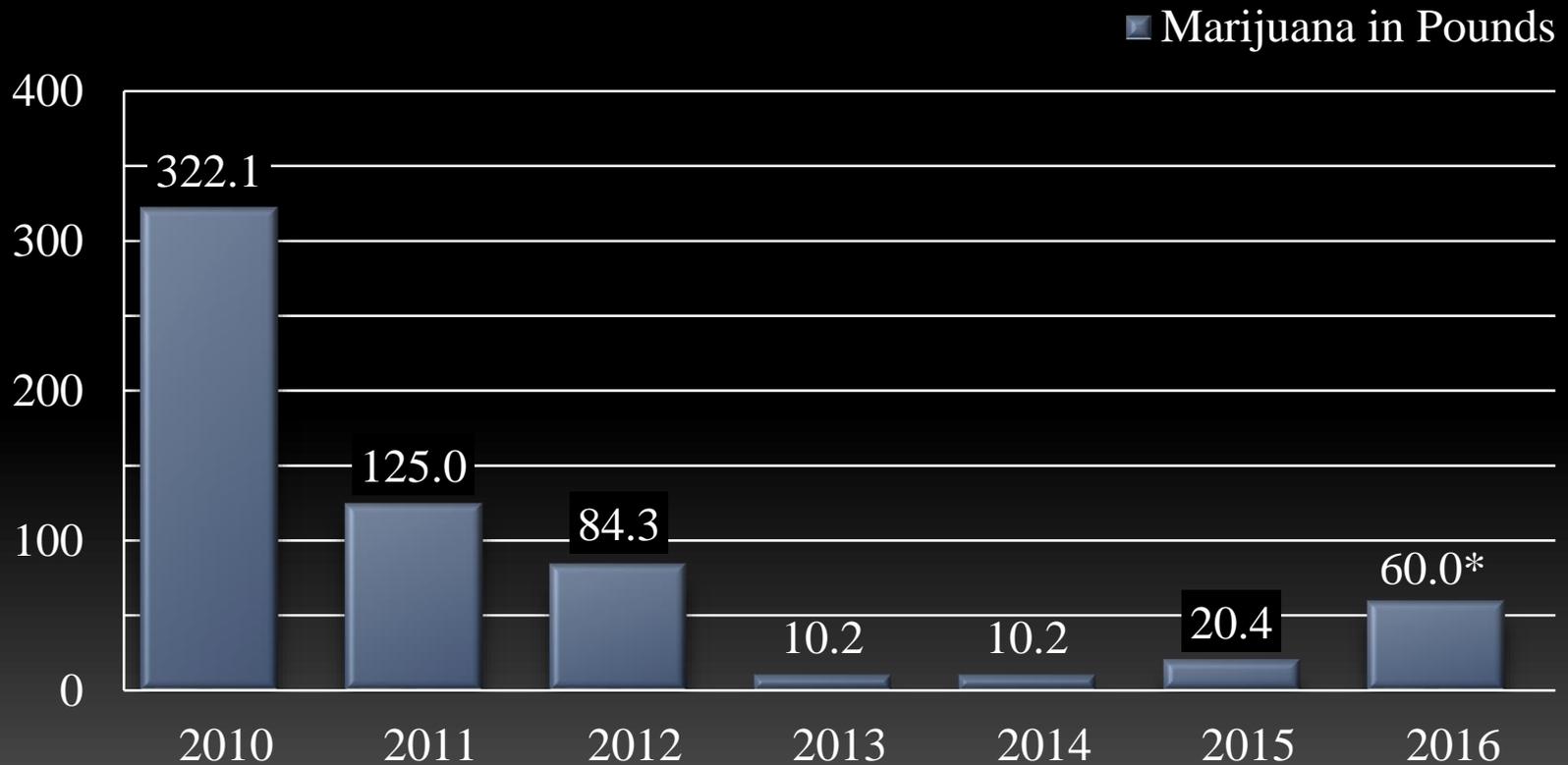


# Drug Trends

- Current drug trends for the Metro Area Narcotics Task Force
- Statistics are 2010 thru May, 2016.

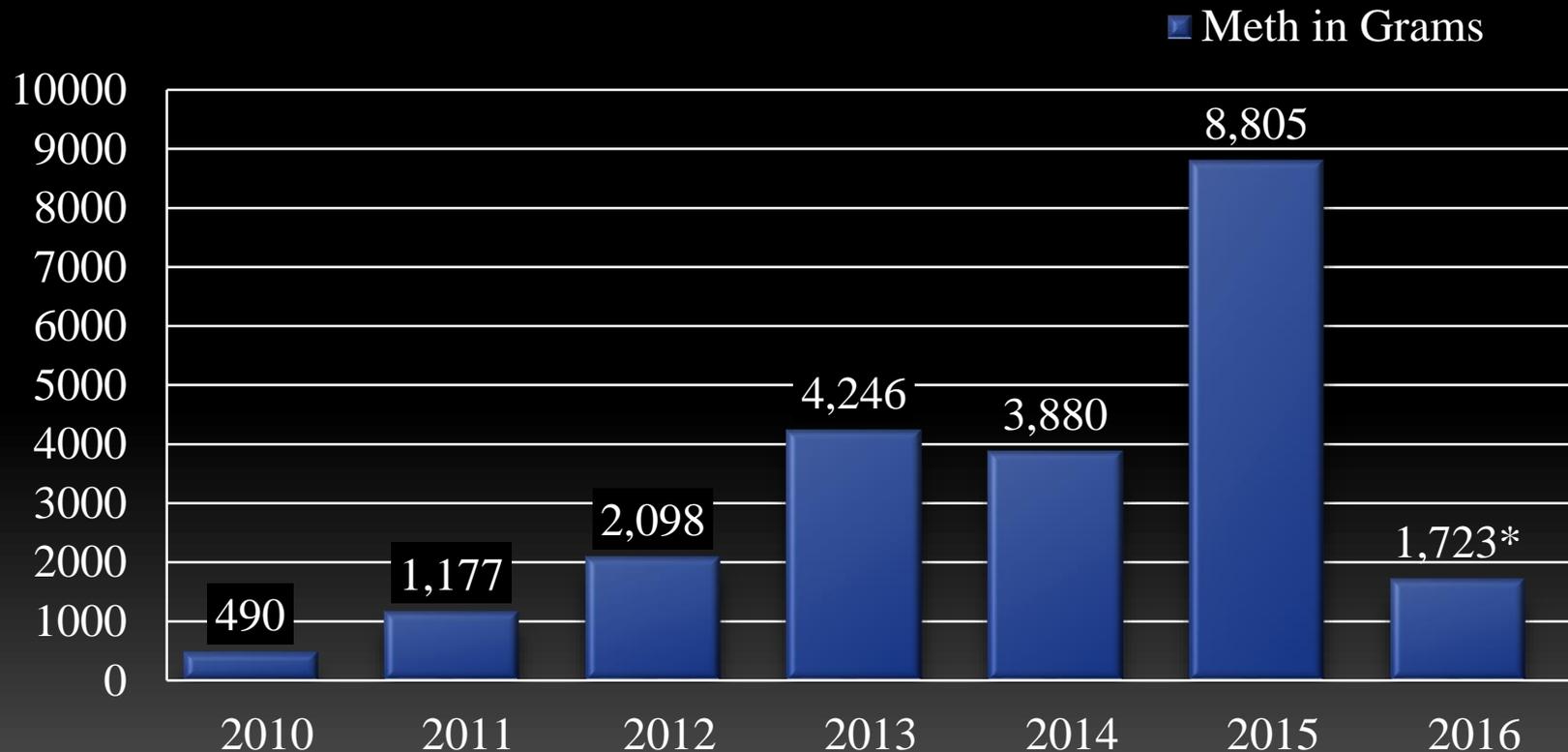
# Marijuana 2010-2016

\* As of TF 16-43



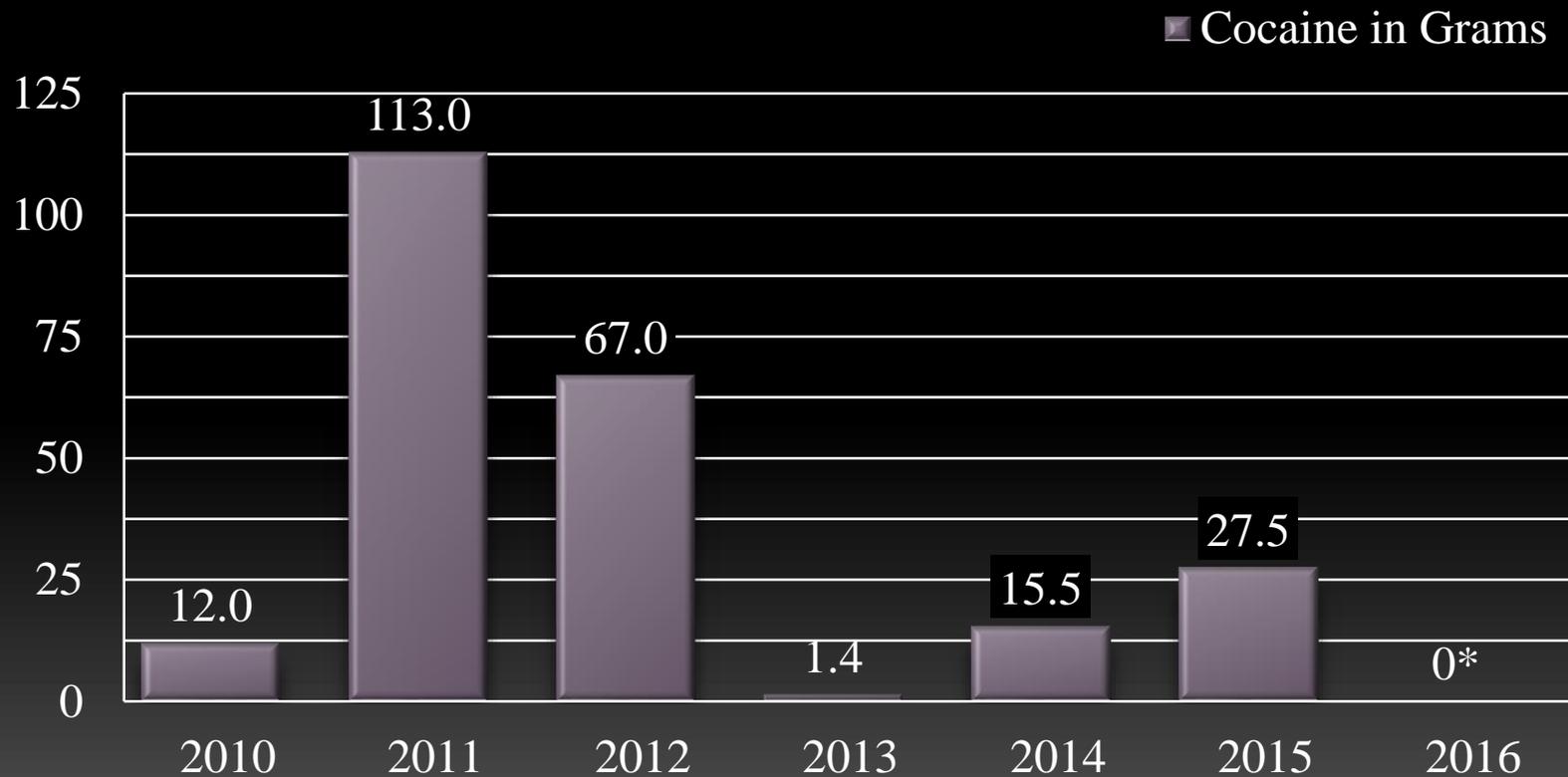
# Methamphetamine 2010-2016

\* As of TF 16-  
43



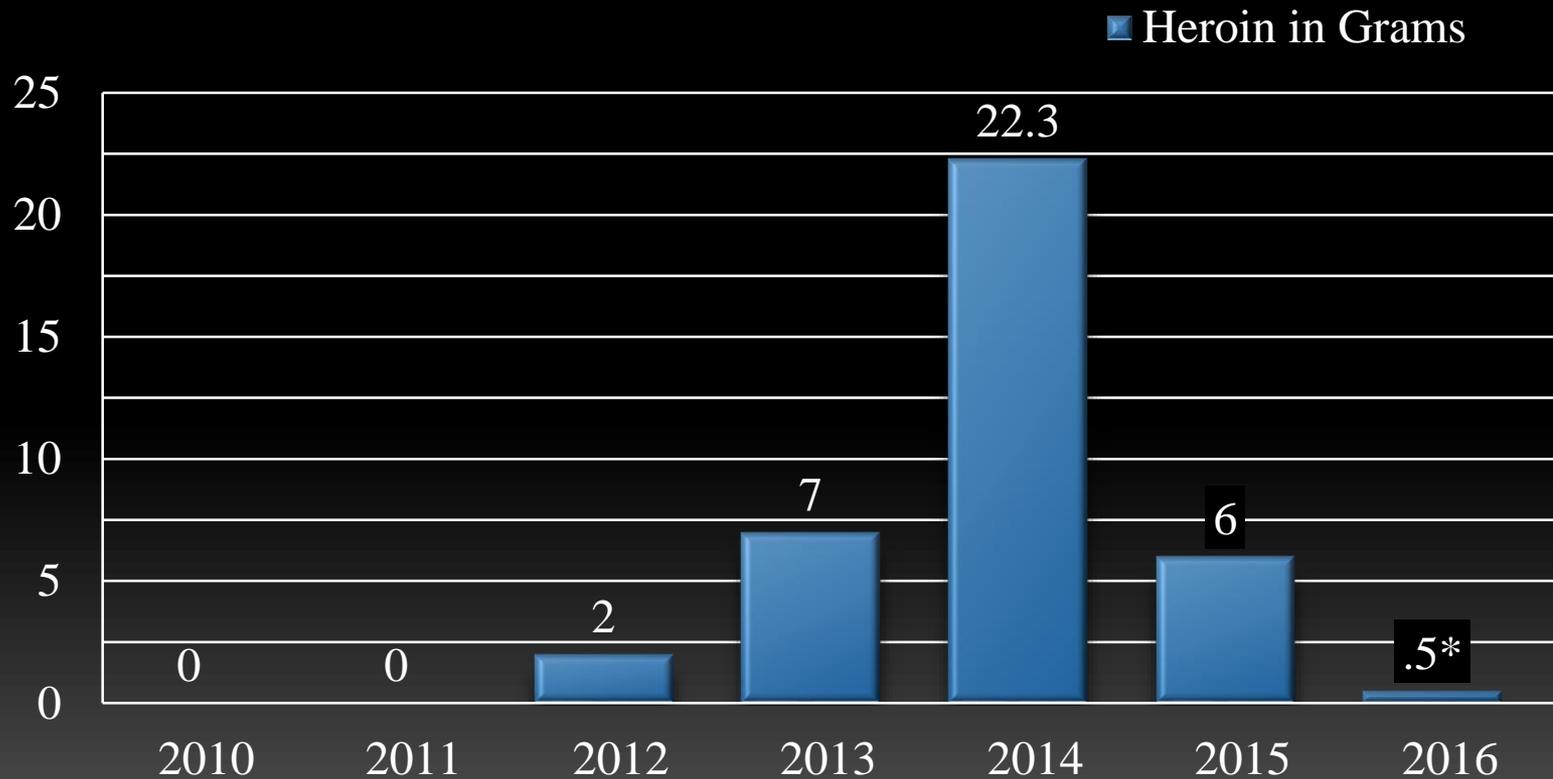
# Cocaine 2010-2016

\* As of TF 16-  
43



# Heroin 2010-2016

\* As of TF 16-43





# ND Drug Take Back Program

- Accepted:
  - Unused or expired prescription or over-the-counter medicines, including:
    - Pills, tablets, caplets (to safeguard patient confidentiality, remove product from packaging)
    - Inhalers, nebulizer solutions, liquid and cream medicines (leave in container)
    - Controlled Substances
      - Pain relief, including Vicodin, Hydrocodone, Demerol, OxyContin, Fentanyl, etc.
      - Anti-Depressants, including Valium, Zoloft, Prozac, etc.
      - Sleep Aids, including Ambien, Lunesta, Sonata, etc.



# ND Drug Take Back Program

- Not Accepted:
  - Any sharps (such as syringes), thermometers, glass, home based care or durable medical equipment supplies, and pharmacy inventory. Ask your pharmacist where to safely dispose of these items.



# ND Drug Take Back Program

- To find the TAKE BACK location serving your community go to:

[www.takeback.nd.gov](http://www.takeback.nd.gov)

Questions?

