



# Methamphetamine and the CMEA



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Pharmacy Diversion Awareness Conference

Philadelphia, PA – July 12 & 13, 2014

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Synthetic Drugs and Chemical Section  
U.S. Drug Enforcement Administration



# CMEA

- Combat Methamphetamine Epidemic Act



# U.S. Methamphetamine Production

- Prior to CMEA, U.S. encounters of methamphetamine labs had increased dramatically over past two decades
- Small Production Capacity Labs (SPCLs) emerge; also known as “One Pot Method” and “Shake & Bake Labs” (gram to multi-gram methamphetamine yields)
- 2004 - record number of labs encountered/seized in the U.S.
  - (2004 - 15,820 labs reported)



## 2005 - US Addresses Methamphetamine Production

- Congress passes Combat Methamphetamine Epidemic Act of 2005 (effective March 2006)
  - The CMEA restricts the sales of pseudoephedrine and ephedrine in the U.S.





## CMEA - Point-of-Sale Requirements

- Daily sales limit 3.6 grams per day per customer
  - 146 x 30-mg tablets of Pseudo HCl
  - 73 x 60-mg tablets of Pseudo HCl
- Buyers cannot purchase more than 9 grams of PSE over 30 day period
- Sold in “blister” pack only – cannot be sold in bottles





## Initial CMEA Results

—In 2006, the U.S. sees a 53% reduction in methamphetamine labs from the previous year

- 2005 – 10,693 labs
- 2006 – 5,031 labs
- 2007 – 3,876 labs





# Criminals Adapt to CMEA

*U.S. Drug Enforcement Administration / Operations  
Division / Office of Diversion Control*



# Smurfing





## What is a Smurf?



- A smurf is someone who buys small quantities of ingredients (e.g., PSE, ice packs, lithium, matches, iodine), from several different locations, in order to manufacture, or more likely, assist in the manufacture of methamphetamine.
- Multiple IDs used to buy PSE and EPH



# 2008 Clandestine Lab Seizures Increase

- Criminal Subculture learns to circumnavigate CMEA
- “Smurfers” emerge to supply clandestine lab cooks with pseudoephedrine
  - Individuals go to multiple stores purchasing amounts allotted by the CMEA
  - Multiple identifications used to purchase PSE
  - Reported Small Production Capacity Labs increase (labs only)
    - (2008 – 5,417 labs) (2009 – 8,516 labs)
    - (2010 – 10,519 labs) \*(2011 – 9,158 labs)
    - \*(2012 – 9,121 labs) \*\*( 2013 – 7,909 labs)

\* Due to the exhaustion of Federal funds provided by the Department of Justice, Community Oriented Policing Services (COPS), to the DEA, for cleaning up methamphetamine laboratories, the number of methamphetamine labs that have been reported to EPIC does not necessarily reflect the total number of labs that have been discovered/seized, by law enforcement for years 2011 and 2012.



# Methamphetamine Facts

- Schedule II controlled substance
- Methamphetamine is the most widely abused, domestically produced synthetic drug in the United States.
- Has a high rate of addiction, a low rate of sustained recovery, and is relatively inexpensive to manufacture.





# U.S. Methamphetamine Problem

The U.S. methamphetamine threat is a two prong problem:

- Methamphetamine manufactured by Mexican Trafficking Organizations (large “Super Labs” in Mexico & liquid conversion labs the U.S.)
- Small Capacity Production Labs (SCPLs) (based in the U.S.)

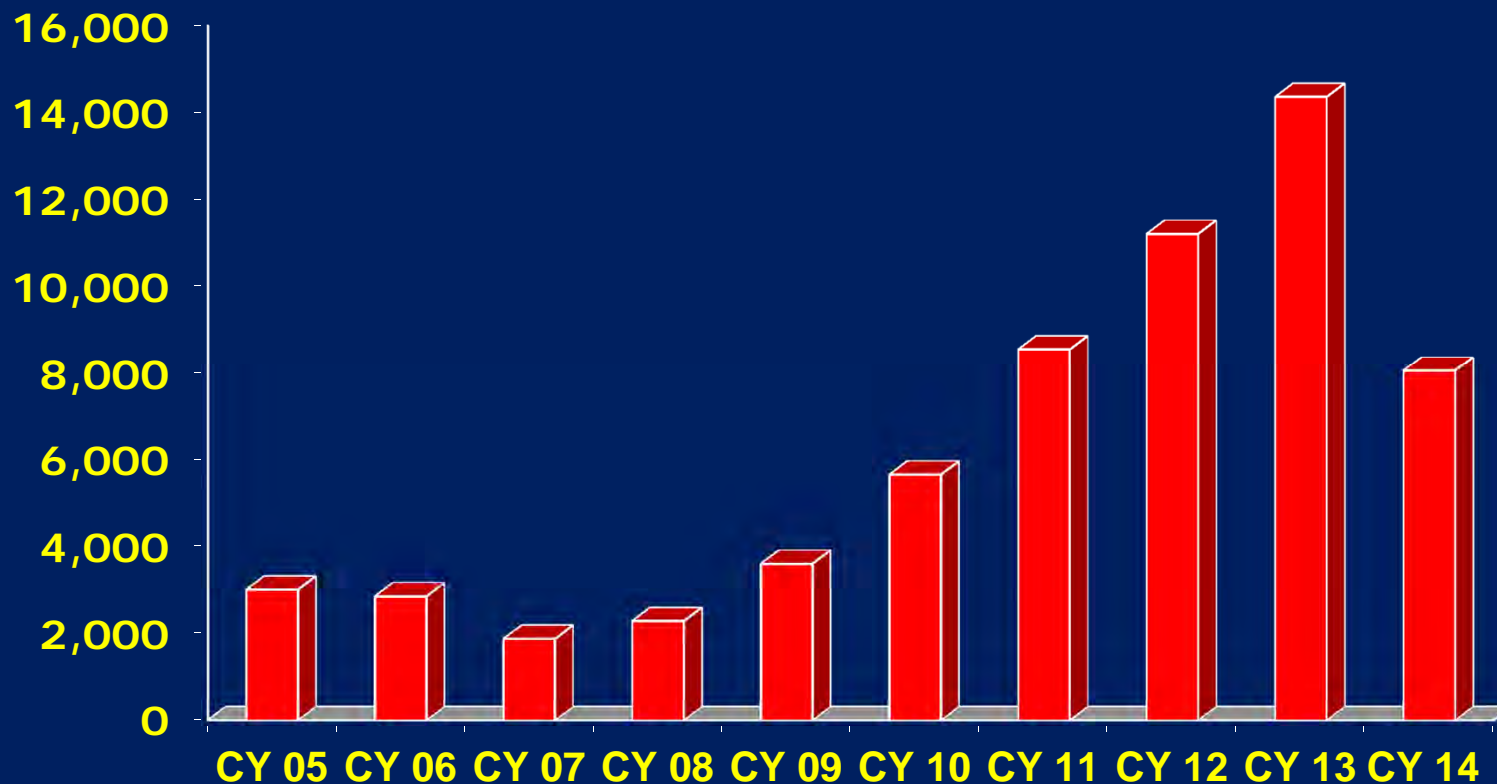




# Methamphetamine from foreign trafficking organizations



## Methamphetamine Seizures Along the U.S. SW Border (Kilograms)



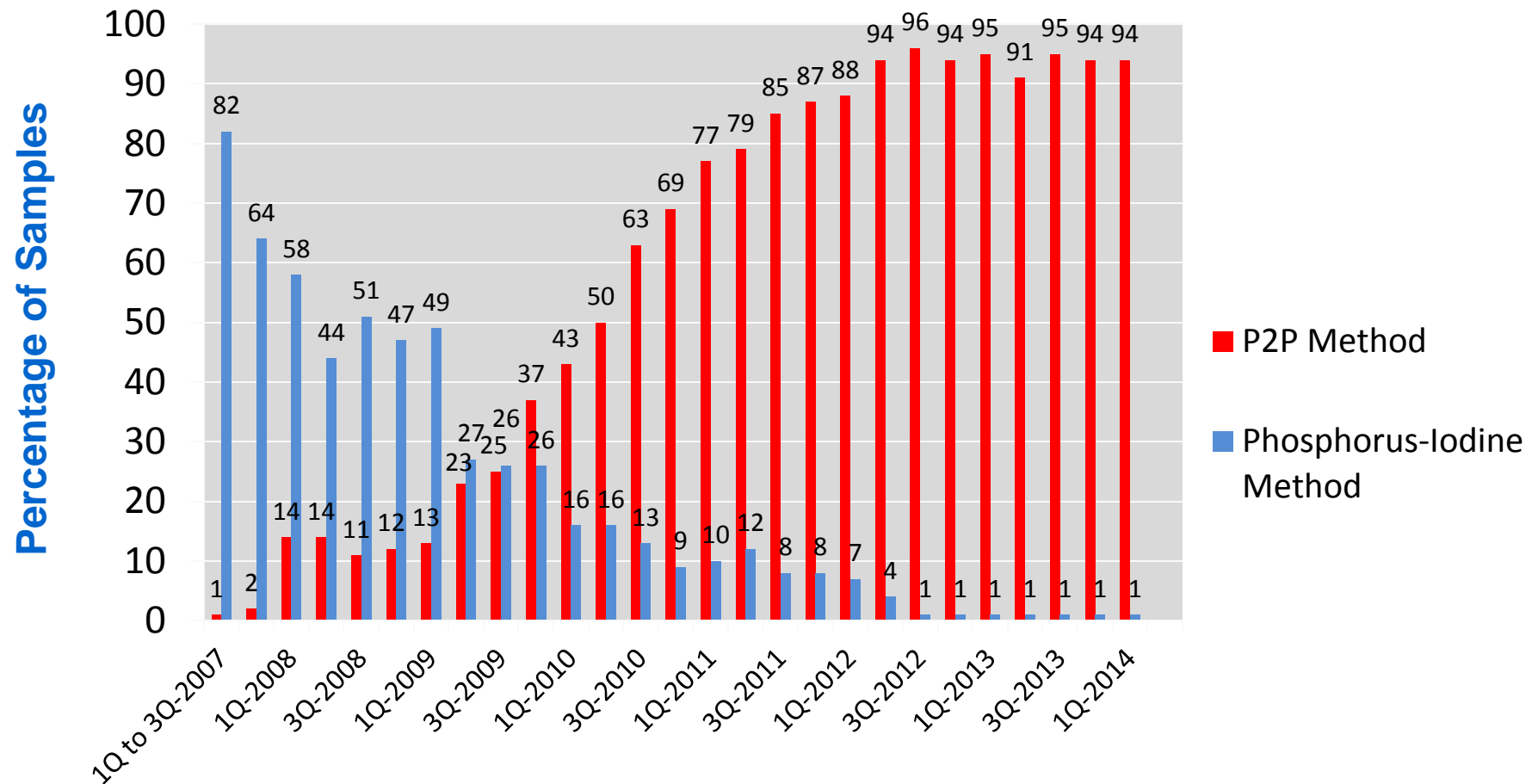
Source: NSS-EPIC

Query Date: July 1, 2014

Statistics are for Texas, New Mexico, Arizona and California.



# P2P vs. PSE/EPH





# Domestic Methamphetamine



# Domestic Meth

- The “New” Methamphetamine
  - 3 to 4 times easier to make and 3 to 4 times more potent than the old drug
  - Common chemicals purchased over the counter
  - 1 to 4 hours to cook a batch (old method took 20 hours)
  - Accounts for 98% of all reported clandestine labs.



# Let's Make Meth!



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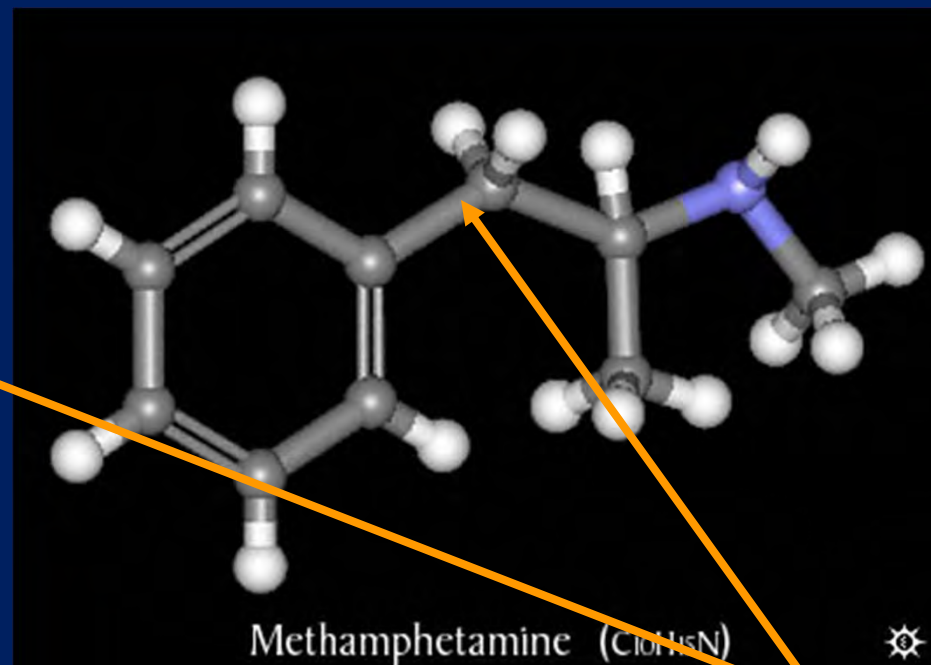
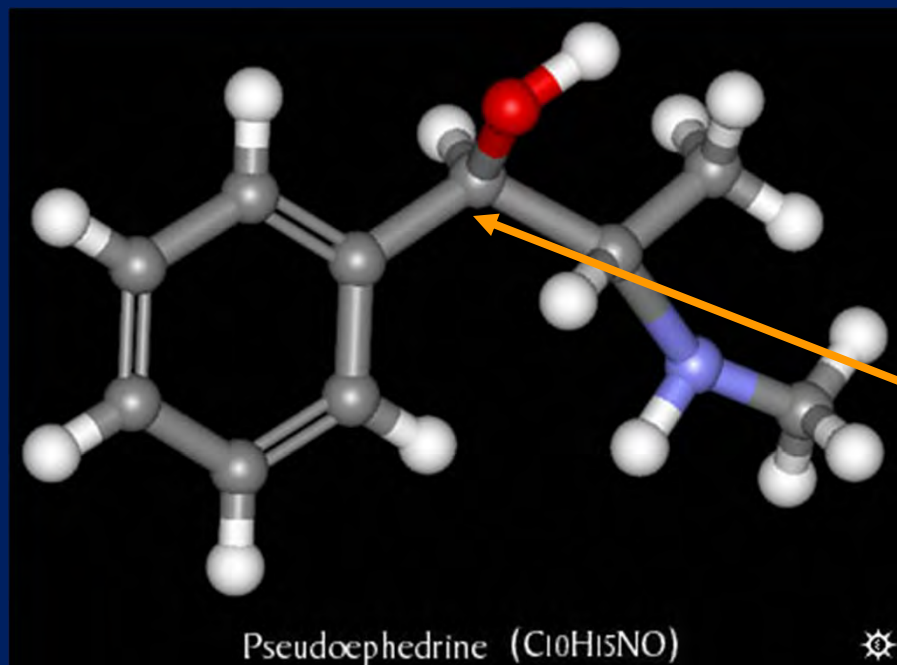


# What's the Big Deal with Pseudoephedrine?

## Molecular Comparison

Pseudoephedrine

Methamphetamine



What's the big deal with Pseudoephedrine? The answer is basically **One Oxygen Molecule**. The molecular similarity of pseudo to meth is so close that using today's common methamphetamine manufacturing methods ("Shake & Bake" Red-Phosphorus or Anhydrous / Nazi method) simply reduce the molecular structure of pseudoephedrine/ ephedrine by one Oxygen molecule to create Methamphetamine.





## Ingredients for One Pot Method

- Combine
  - PSE tablets – whole or ground up
  - Solvent – ether, camp fuel
  - Lithium (Batteries)
  - Sodium Hydroxide
  - Ammonium Nitrate (cold packs)
  - Water
- Exothermic Reaction
  - Filter off liquid
  - Use HCl generator to crash out Meth



## Small Production Capacity Lab (SPCL) aka “One Pot”

- Utilize 16 to 20 ounce, or 2 liter drink bottles as the vessels to synthesize the drug
- Only produce gram to multi-gram quantities of methamphetamine





# One-Pot labs are EXTREMELY Dangerous

- One-Pot labs extremely Dangerous
- Clan lab stats increase in many states
- Reactive to water/moisture
- Meth labs catching fire at a higher rate
- 50% Failure (if it hasn't – it will catch fire)





# “One Pot” Damage





# What do “One Pot” Lab sites look like?













## SPCL “One Pot” - waste

- Generate toxic waste
  - *1 lb of Meth Produced*
  - *Yields 5- 6 Pounds of Toxic Waste*







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# Where can you find Meth Labs?

*U.S. Drug Enforcement Administration / Operations  
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*Houses*



*Barns*

**We have encountered labs in . . .**



*Storage Units*



*"Vacant" Buildings*





**We have encountered labs in . . .**







## Methamphetamine Laboratories are Endangering our Communities - Florida & Alabama

**“Meth lab explodes inside South Jacksonville apartment”**



August 17, 2011 The Florida Times Union

**“Janitor finds meth lab in Walmart bathroom”**



WHNT April 11, 2012  
Boaz, Alabama



# Methamphetamine Laboratories are Endangering our Communities Washington, D.C & Nation

“Meth Lab Explosion Rocks Luxury  
Apartment in Dupont Circle  
Apartment”



February 2, 2012  
[Inthecapital.com](http://Inthecapital.com)

“ AP Exclusive: National Meth Labs  
Busts up in 2011”



February 22, 2012  
Associated Press



## Methamphetamine Laboratories are Being Found Near & At Schools in Georgia

“Police bust meth lab next to elementary school”



WTOC.com March 29, 2012  
Kingsland, Georgia

“Meth lab found in truck at South Effingham Middle School”

“Lawrence Lanier, 34, had two small children in his truck within arm’s reach of a meth lab when he was arrested at South Effingham Middle School, Effingham County Sheriff’s Office spokesman David Ehsanipoor said.”

Savannahnow.com April 10, 2012





# Methamphetamine Laboratories are Harming Our Environment Tennessee & Kentucky

**“Man Dumped Meth Waste  
Into Trout Stream.”**



“My concern is this is a trout stream, there are kids that fish this area,” said Sheriff Hensley”

**April 25, 2012 WCYB.com**

“Dumping meth labs – Materials pose threat to environment, including water supply, fish and wildlife”



“The bad news is for the public Loving said, because the chemicals left behind are now in the river where people fish and swim.”

**BG DailyNews.com August 19, 2011**





# Meth labs are Dangerous





Back to the CMEA . . .





# CMEA Resource



U.S. DEPARTMENT OF JUSTICE ★ DRUG ENFORCEMENT ADMINISTRATION

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[CMEA \(Combat Meth Epidemic Act\)](#)

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[Order Forms \(DEA 222\)](#)

[Registration Validation](#)

### What's New

[S & B Pharma, Inc.](#) (July 8, 2014)

[Placement of Tramadol Into Schedule IV](#) (July 2, 2014)

[Proposed Aggregate Production Quotas for Schedule I and II Controlled Substances and Assessment of Annual Needs for the List I Chemicals Ephedrine, Pseudoephedrine, and Phenylpropanolamine for 2015](#) (July 2, 2014)

[30-Day Notice - eComments Requested: Submission for OMB Approval](#) (June 23, 2014)

[30-Day Notice - eComments Requested: Submission for OMB Approval; ARCOS Transaction Reporting](#) (June 23, 2014)

### In The News

[Las Vegas Doctor Pleads Guilty to Drug Conspiracy Charges for Writing Unlawful Oxycodone Prescription](#) (July 1, 2014)



**DEA Forms & Applications**



**Publications & Manuals**



**Questions & Answers**



**Meetings & Events**

### Quick Links

[ARCOS \(Automation of Reports & Consolidated Orders System\)](#)

[Cases Against Doctors](#)

[Chemical Control Program](#)

[CSOS \(Controlled Substances Ordering System\)](#)

[EPCS \(Electronic Prescriptions for Controlled Substances\)](#)

[DEA Form 106: Report Theft or Loss of Controlled Substances](#)





U.S. DEPARTMENT OF JUSTICE ★ DRUG ENFORCEMENT ADMINISTRATION

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## CMEA (Combat Methamphetamine Epidemic Act of 2005)

### Title VII of Public Law 109-177

[The Combat Methamphetamine Epidemic Act of 2005](#)

[Sales of Scheduled Listed Chemical Products](#)

[Required Training and Self-Certification](#)

[Law Enforcement Queries Regarding Self-Certification](#)

[Import and Production Quotas for the List I Chemicals Ephedrine, Pseudoephedrine, and Phenylpropanolamine](#)

[Importation, Exportation, and International Transactions Involving all Listed Chemicals](#)

### The Combat Methamphetamine Epidemic Act of 2005

[USA Patriot Improvement and Reauthorization Act 2005 \(Public Law 109-177\) \(PDF\)](#)

[General Information Regarding the Combat Methamphetamine Epidemic Act of 2005](#) or [PDF Version](#)

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### Sales of Scheduled Listed Chemical Products

[Implementation of the Methamphetamine Production Prevention Act of 2008](#) (December 1, 2011)

[Interim Final Rule - Self-Certification and Employee Training of Mail-Order Distributors of Scheduled Listed Chemical Products](#) (April 26, 2011)

[Cases Against Doctors](#)  
[Chemical Control Program](#)  
[CMEA \(Combat Meth Epidemic Act\)](#)  
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[Significant Guidance Documents](#)  
[Title 21 Code of Federal Regulations](#)  
[Title 21 USC Codified CSA](#)





## How do I store these drug products?

- You must store drug products containing ephedrine, pseudoephedrine, and phenylpropanolamine either behind the counter or in a locked cabinet.
- You must give the drug product directly to the customer who signed the logbook or who provides identification.



# Identification and Verification

- Your customer must show you a photo identification issued by a State or the federal government.
- You cannot sell Scheduled Listed Chemical Products containing ephedrine, pseudoephedrine, or phenylpropanolamine to customers unless they present appropriate identification.
- You must verify that your customer's name on the photo identification matches the name your customer wrote in the logbook.
- You must verify that the date and time of the sale that your customer wrote in the logbook are correct.



# Self-Certification Requirement

## **CMEA Required Training & Self-Certification**

For questions contact Help Desk - 1-800-882-9539

### **Self-Certification (Training Required Prior to Self-Certification)**

**\$21 self-certification fee established for regulated sellers of scheduled listed chemical products (SLCPs) that are not DEA pharmacy registrants**

### **Training Required to Sell Drug Products Containing Ephedrine, Pseudoephedrine, and Phenylpropanolamine**

**Retail Vendors (Only one certificate per Retail Store is required)**

**Mobile Retail Vendor (Self-certification required for each location)**

**Mail-Order Vendors**

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# **Meth's Effects**



# Meth is highly Addictive

- When compared to Alcohol and Cocaine:
  - A group of 100 people given a drink of alcohol every day for 3 weeks, **8 of the 100** will become addicted.
  - A group of 100 people given meth or cocaine orally or as snuff every day for 3 weeks, **14 of the 100** will become addicted.
  - A group of 100 people given meth by smoking or injection just 2 times, **90 of the 100** will become addicted.
  - If a recovering meth addict, who has been clean for 11 months, has a hit of meth in placed in front of them, the desire to use it will cause the addict to use it, **100%** of the time.



# Meth Abuse side effects . . .

*U.S. Drug Enforcement Administration / Operations  
Division / Office of Diversion Control*





## Meth Labs are Costly to Our Counties, State & Government Vanderbilt Burn Center



“Every day we beat our heads against the wall, dealing with these people,” said Kim Hayes, a registered nurse and case manager at the burn unit. “Right now, there are no consequences for these people. You blow yourself up in a meth lab. You get free health care because we are going to take care of you. We’re going to give you everything you need. You’re going to go out. You’re going to do it again and then we’ll give you everything for free again.”

[www.tennessean.com](http://www.tennessean.com) September 5, 2011



## “Meth Mouth”





# Tracking vs. Scheduling



# Tracking

- Logbooks electronically connected to database
- *Database* determines if individual can make purchase
- Permanent electronic record of purchase
- Stop sale ability
- Helps LE identify “smurfers.” Or does it?
- Leads to identification of lab operators and labs. Or does it?
- More arrests and seizures....maybe
- Tool for LE ..... If all retail outlets are involved and the database is not corrupted by false IDs
- In Place - KY, MO\*, AR\*, CA\*, TN, PA ++++++



## Schedule III Prescription Only

- PSE and EPH can only be obtained pursuant to prescription from a physician or practitioner
- Cannot freely purchase from retail outlets - ends unrestricted availability and smurfing
- If a CS, PDMP may be utilized for tracking purposes (if authorized by state law or regulation)
- In place in Oregon – 96% lab seizure reduction
- In place in Mississippi – 67% reduction
- Decrease in labs leads to a decrease in resources expended – LE and local/city/state funds (OT, lab cleanups, environmental issues, children/defs/citizens/cops health care, foster care etc)
- LE can restructure resources to handle other LE issues instead of providing cleanup service and chasing smurfers
- Prevents labs – is not a reactive tool, but a preventative measure



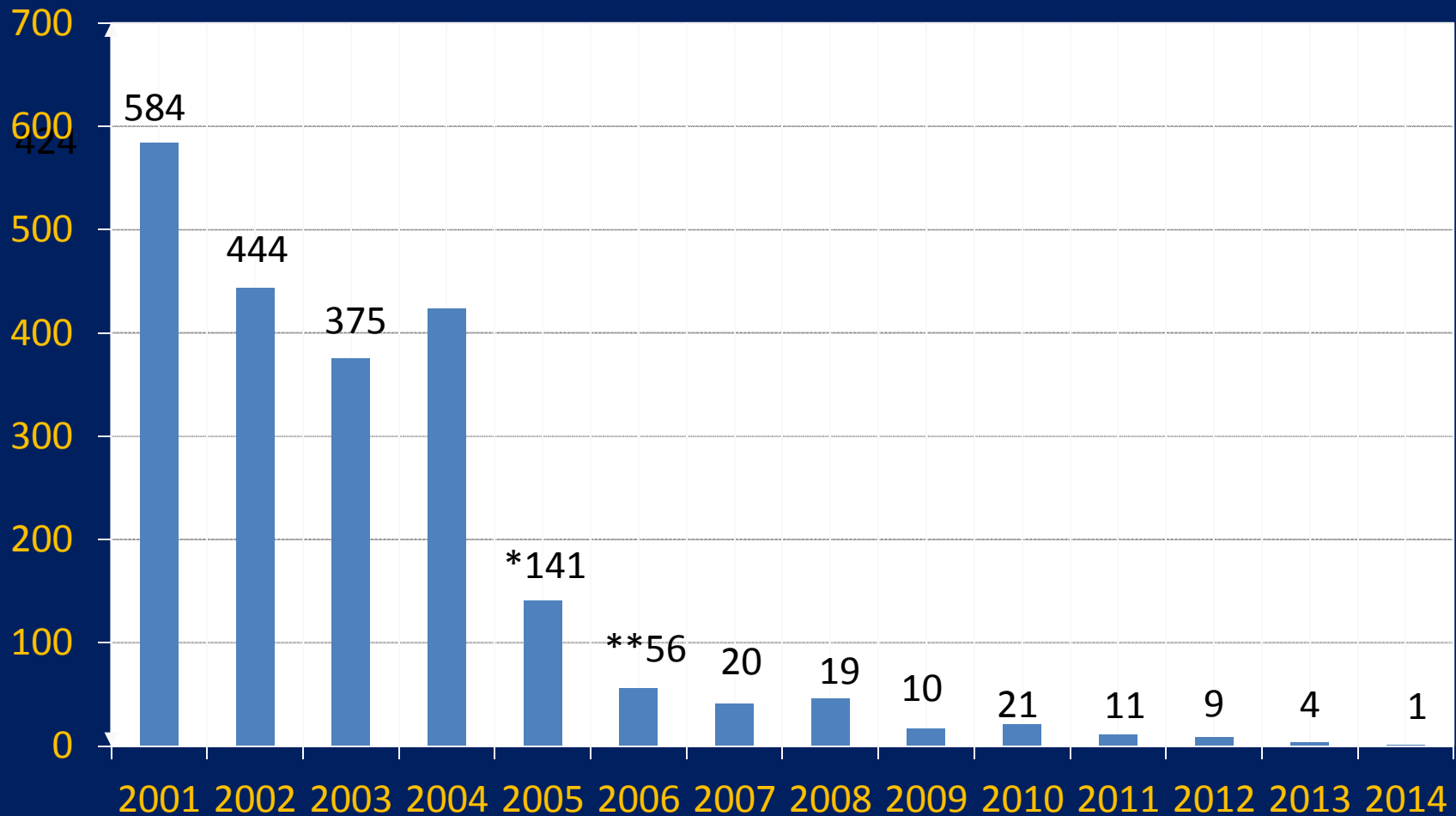


## DISCLOSURE –

- NEITHER Tracking or Prescription only will have ANY impact on Methamphetamine Availability in the United States!
- But, Prescription only PSE will impact the number of domestic meth labs



# Oregon Meth Lab Seizures by Year



\* Behind the counter and log book on May 14, 2005

\*\* Prescription only on July 1, 2006

Source: NSS-EPIC  
Query Date: July 1, 2014



## (Associated Press) “Analysis Finds Meth Flourishes Despite Tracking Laws”

“Electronic systems that track sales of the cold medicine used to make methamphetamine have failed to curb the drug trade and instead created a vast, highly lucrative market for profiteers to buy over-the-counter pills and sell them to meth producers at a huge markup.”

“The pharmaceutical industry has spent several million dollars to fund the tracking systems. For drug makers, that is far cheaper than one alternative -- making the medication available only by prescription. If more states do the same, it could be devastating for makers of cold and sinus pills. The pseudoephedrine market is estimated at more than \$550 million annually. “

Associated Press – January 11, 2011



## Mississippi: 6-Month-Old Law to Combat Meth Production Lauded Jan. 4, 2011

After just six month, a new law requiring a prescription for cold and sinus medicines containing pseudoephedrine **has proved to be an effective deterrent to methamphetamine production in Mississippi.**

**“Early results show a nearly 70 percent reduction in meth-related cases statewide.** Now when we find pseudoephedrine at meth labs, it was purchased in surrounding states,” explained Director Fisher.

Figures from the MBN indicate officers worked **124** meth labs from July to December 2010, a **68 percent reduction** from the **389** meth labs they worked from July to December 2009.

Officials removed **19** children from meth lab sites July to December 2010, a **76 percent reduction** from the **80** children removed from meth labs sites July to December 2009.

**“Other states are looking to follow Mississippi’s lead and pass the same law. This works; I hope they do,”** Director Fisher said.



# Meth Labs and Child Welfare

*U.S. Drug Enforcement Administration / Operations  
Division / Office of Diversion Control*





**35% of children removed from lab scenes  
test positive for meth**





## Methamphetamine Laboratories are Harming Our Children Oklahoma

**“OKLAHOMA CITY - A judge was told Friday that Del City fire investigators found evidence that methamphetamine was made inside the burned motorhome where three young children died Jan. 4.”** July 23, 2011 [newsOK.com](http://newsOK.com)



[Tulsa World & Newson6.com](http://TulsaWorld.com) January 5, 2011





# Methamphetamine Laboratories are Endangering our Children Indiana & Florida

“ Police believe a Muncie couple put the lives of hundreds of children – including three of their own – in danger by maintaining a meth lab in their southeast Muncie home near a school and a day care center.”

Muncie Star Press December 32, 2011

“Police seek person who made meth at SW IND school”

Wish TV 8 December 13, 2011

“4 children escape meth lab fire”



FoxTV.com Florida  
October 27, 2011





# Methamphetamine Laboratories are Endangering Our Children Indiana & Georgia

“Two arrested and children taken into protective custody in Elkhart meth bust.”



July 22, 2011 WSBT-TV

“Report: Chattooga Co. woman hides meth lab under children's play house”



The Summerville News April  
16, 2012



# Methamphetamine Laboratories are Endangering our Children & Families West Virginia & Michigan

“The number of meth labs is on the rise in West Virginia, and more than half are happening in homes with children.”



WSZ3 November 22, 2011

“Meth lab explosion forces five families out of their apartments”



Hillsdale.net April 6, 2012  
Cambria, Michigan



# Methamphetamine Laboratories are Harming Our Children Ohio

**“Death of Akron toddler  
called suspicious; police say  
meth lab found in home.”**

**“Ohio toddler died from  
ingesting meth”**

Akron Beacon Journal Online  
February 27, 2012 & March 27, 2012







# Methamphetamine Laboratories are Harming Our Children Georgia

**“3 Children Killed, Evidence Of Meth Found In Fire”**

**“GWINNETT COUNTY, Ga. -- Gwinnett County police charged a man with murder after firefighters said they found chemicals related to methamphetamine production in a house fire that killed three children.”**



Gadailynews.com February 18, 2011





# Methamphetamine Laboratories are Harming Our Children Tennessee

**“Burned toddler found in Chattanooga meth lab”**

“A Chattanooga woman has been arrested after police say her 2-year-old was severely burned at the family's residence -- where they also found a collection of meth labs.”

Chattanooga Times Free Press February 13, 2012





# Methamphetamine Laboratories are Harming Our Children North Carolina



**“Sheriff Hubert Peterkin said Thursday his deputies raided a suspected meth operation near the Hoke/Cumberland County line where a 6-month-old child was burned. .”**

February 4, 2011

WTVD Raleigh , N.C.

**“In Morgantown, a meth lab was discovered at a day-care center.”**

[www.charlotteobserver.com](http://www.charlotteobserver.com) April 3, 2011

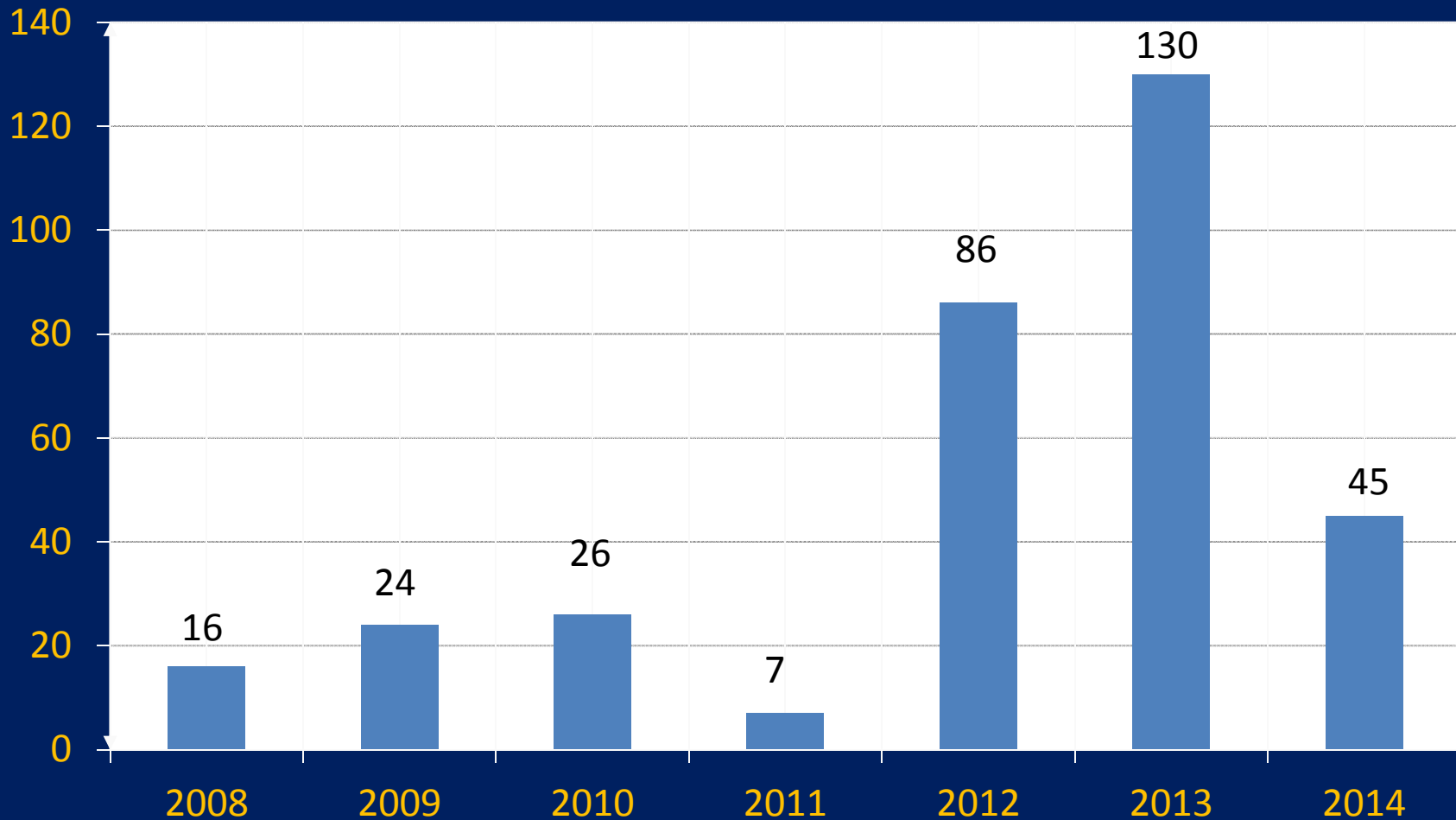


# Pennsylvania Reported Meth Labs





# Pennsylvania Reported Meth Lab Seizures by Year Electronic Tracking



NPLEX Implemented  
April 5, 2014

Source: NSS-EPIC  
Query Date: July 1, 2014



# United States Encounters and Efforts against Synthetic Designer Drugs



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July 12 & 13, 2014

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Pharmacy Diversion Awareness Conference  
Philadelphia, PA

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John R. Scherbenske, Chief  
Synthetic Drugs and Chemical Section  
U.S. Drug Enforcement Administration



**UNODC: NPS are  
substances of  
abuse that are not  
under international  
control  
(but constitute a  
significant public  
health threat)**

*U.S. Drug Enforcement Administration / Operations  
Division / Office of Diversion Control*



**UNODC**

United Nations Office on Drugs and Crime

**The challenge of  
new psychoactive substances**



**Global SMART Programme**

**2013**





# Compounds Encountered in the U.S. since 2009

More than 230 new Synthetic Compounds  
From 8 Classes of Drugs

U.S. law enforcement has encountered:

- 95 synthetic cannabinoids
- 51 synthetic cathinones
- 87 other compounds (2C compounds, tryptamine, piperazines, etc.)



## Synthetic Designer Drugs

- These drugs are perceived as being ‘legal’ alternatives to marijuana, cocaine, methamphetamine, MDMA and LSD
- These drugs are being marketed and sold as:
  - incense and potpourri
  - bath salts
  - glass cleaner
  - shoe deodorizer
  - plant food
  - “Molly”
  - Research chemicals
  - And many other names
- Often **more dangerous** than the **trips** they are purported to mimic





# Synthetic Cannabinoids

- Unregulated and unlicensed industry
- Multiple manufacturers



- Sold in convenience stores, gas stations (often behind the counter), smoke and head shops and online
- Significant batch to batch variance (i.e. “hot spots”, multiple or different drugs)
- Labeled “Not for Human Consumption”





# Liquid Cannabinoid Delivery Method



# E-cigarettes



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# Why Spice? - 18 year old's perception

- “Spice vs Marijuana”
  - Doesn't show up on urinalysis testing
  - More potent
    - “10Xs higher”
  - Less expensive
    - “10Xs cheaper”







# Cannabinoid Collateral Damage



# “Suspected” DUID

## *Sidney, Nebraska – September 2010*

- 16-year old male
- No memory of incident
- Drove by an elementary and high school at high rates of speed
- Hospital drug screen no other drugs found
- Pipe, product, and urine analyzed – JWH-018





## Adverse Health Effects: Cannabinoids

Abusers are presenting at Emergency Departments and also seeking treatment for dependence and withdrawal.

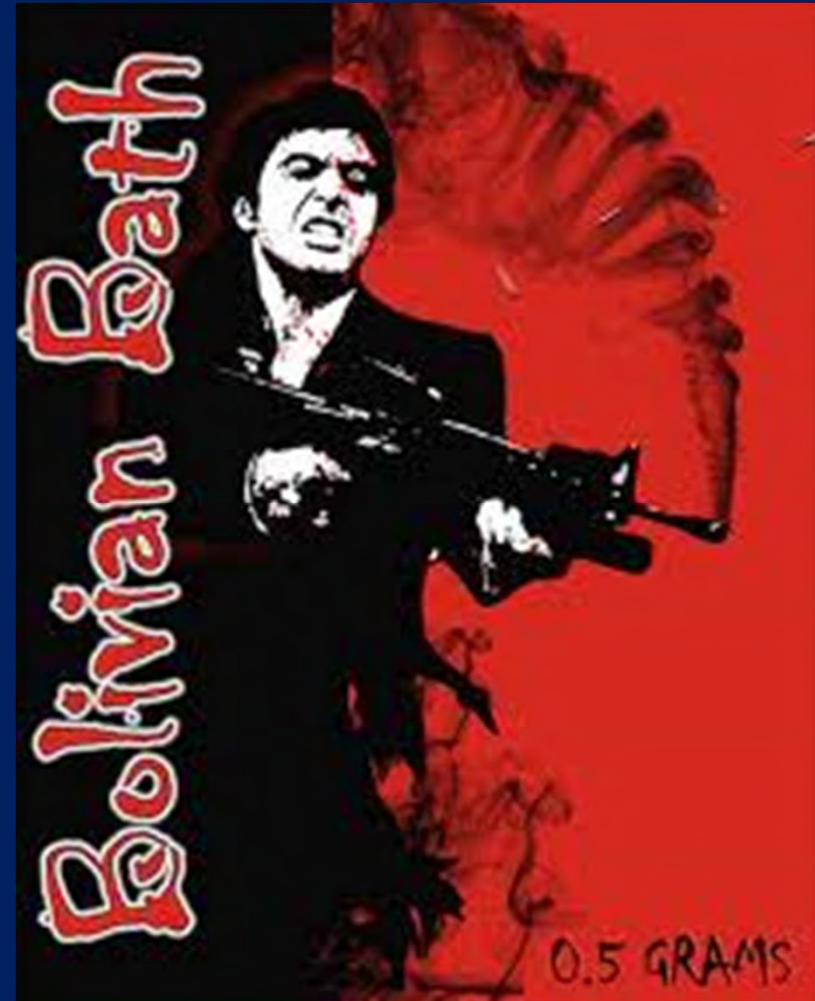
Multiple deaths have been connected to the abuse of these substances alone and with other substances on-board.

Psychological	Anxiety, <u>aggressive behavior</u> , agitation, confusion, dysphoria, <u>paranoia</u> , agitation, irritation, panic attacks, <u>intense hallucinations</u>
Neurological	Seizures, loss of consciousness
Cardiovascular	Tachycardia, hypertension, chest pain, cardiac ischemia
Metabolic	Hypokalemia, hyperglycemia
Gastrointestinal	Nausea, vomiting
Autonomic	Fever, mydriasis
Other	<u>Organ damage</u>





# BATH SALTS, PLANT FOOD, GLASS CLEANER, ETC.





## Synthetic Cathinones

(bath salts, plant food, glass cleaner, “Molly”)

- Structurally and pharmacologically similar to amphetamine, Ecstasy (MDMA) and other related substances.
- Are central nervous system (CNS) stimulants and have stimulant and psychoactive properties similar to schedule I and II amphetamine type stimulants.
- Synthetic cathinones are sold in retail stores, on the internet, and in “head shops” as “bath salts”, “plant food”, “jewelry cleaner”, “lady bug attractant” and others.



# Synthetic Cathinones

(bath salts, plant food, glass cleaner)

- Like the cannabinoids, unregulated and unlicensed industry
- Full disclosure of ingredients typically not present
- Significant batch to batch variances “Hot Spots”
- Sold in convenience stores, gas stations and online







# Adverse Health Effects: Cathinones

Synthetic cathinone users commonly report cardiac, psychiatric, and neurological signs and symptoms with death.



Cardiovascular	palpitations, tachycardia, chest pain, vasoconstriction, myocardial infarction
Psychological	<u>Aggressive behavior</u> , anger, anxiety, agitation, <u>auditory and visual hallucinations</u> , depression, dysphoria, empathy, euphoria, fatigue, formication, increased energy, concentration, panic attacks, <u>paranoia</u> , perceptual disorders, restlessness, <u>self-mutilation</u> , <u>suicidal ideation</u>
Neurological	Seizures, tremor, dizziness, memory loss, cerebral edema, headache, lightheadedness
Musculoskeletal	Arthralgia, extremity changes (coldness, discoloration, numbness, tingling), muscular tension, cramping
Gastrointestinal	Abdominal pain, anorexia, nausea, vomiting
Pulmonary	Shortness of breath
Ear Nose Throat	Dry mouth, nasal pain, tinnitus





## Synthetic Cathinones

- Also sold in pill form
- Popular at Clubs
- Available at Parties
- Mimics MDMA
  - Ecstasy/XTC
- Street name “Molly”





# What is Molly?

## Where did the term come from?

- Molly – derived from the word “molecule”
  - Rogue chemists would often alter one molecule to defeat the controlled substance laws
- Molly – a synthetic designer drug
  - Originally - a street name for pure MDMA (Ecstasy)
  - Currently - a street name for a drug, that has the same effects as MDMA



# Molly

- Some of the Drugs found in “Molly” (Scheduled)
  - MDMA (1985)
  - Methylone (October 2011)
  - A-PVP (March 2014)
  - 4-MEC (March 2014)
  - Pentadrone (March 2014)
  - Butylone (March 2014)
  - Ethylone
  - others





# Other Synthetic Drugs of Abuse

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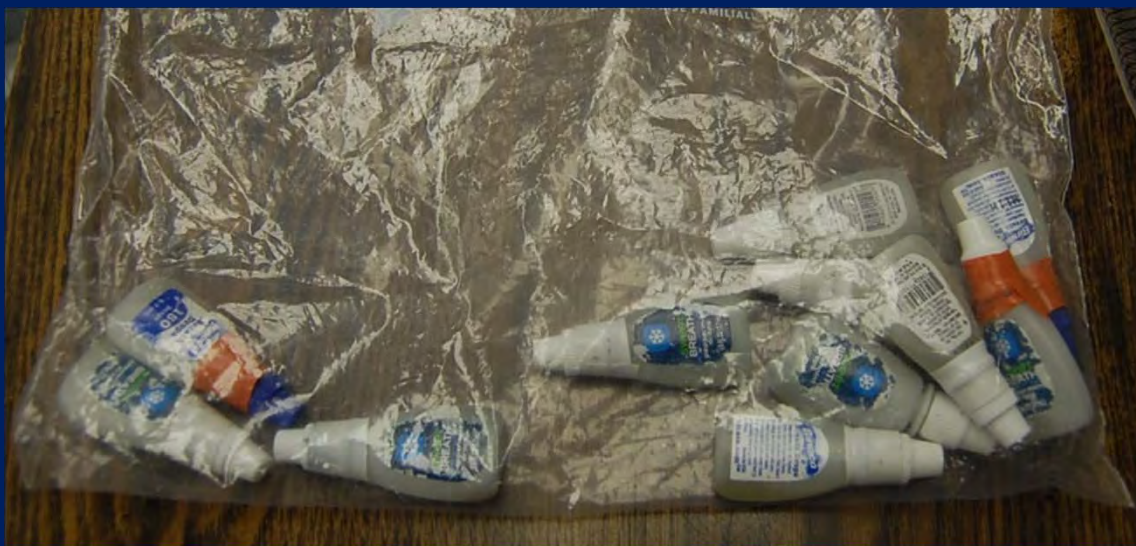


# Phenethylamines

25I-NBOMe and 25C-NBOMe

“N-BOMB”, “2-5-I”, “Eye” and “Smiles”

- Hallucinogen, abused orally or through nasal passages
- Encountered on blotter paper and in dropper bottles
- Taken as a substitute for LSD
- Linked to several overdose deaths
- 11/2013 controlled 25I-NBOMe, 25B-NBOMe & 25C-NBOMe





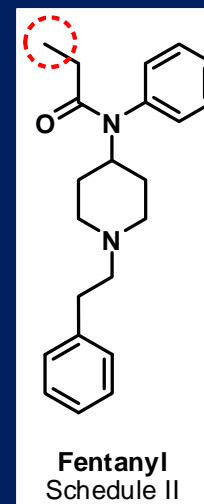
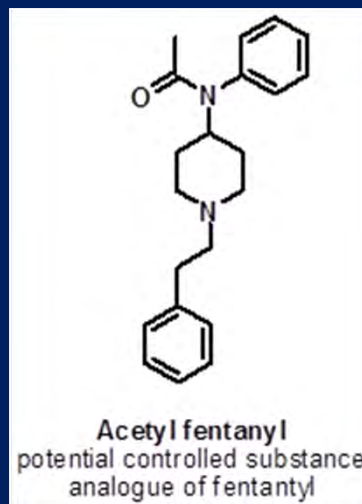
# Synthetic Opioids

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# Acetyl Fentanyl

- RI Medical Examiner's Office regarding twelve (12) overdose deaths in March/April 2013
- Preliminary Lab/Toxicology reports attribute OD deaths to Acetylfentanyl
  - 5 of 12 overdose deaths occurred in Woonsocket, RI
  - May 16, 2013 two individuals arrested in Woonsocket, RI in possession of 28 grams of suspected Acetyl fentanyl
    - Attempts will be made to confirm link to OD deaths







# Addressing through Legislation

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# U.S. Synthetic Drug Abuse and Prevention Act 2012

## Cannabinoids

- |                                |             |
|--------------------------------|-------------|
| 1) AM2201                      | 8) JWH-200  |
| 2) AM694                       | 9) JWH-019  |
| 3) CP-47,497                   | 10) JWH-250 |
| 4) CP-47,497 –<br>C8 homologue | 11) JWH-122 |
| 5) JWH-018                     | 12) JWH-203 |
| 6) JWH-073                     | 13) JWH-398 |
| 7) JWH-081                     | 14) SR-19   |
|                                | 15) SR-18   |

## Cathinones

- 1) Mephedrone
- 2) MDPV

## Phenethylamines

- 1) 2C-E
- 2) 2C-D
- 3) 2C-C
- 4) 2C-I
- 5) 2C-T-2
- 6) 2C-T-4
- 7) 2C-H
- 8) 2C-N
- 9) 2C-P



# Prosecution of Non-Controlled Drugs

## U.S. Controlled Substance

### Analogue Act

21 USC 813 – A Controlled Substance Analogue, shall, to the extent intended for human consumption, be treated for the purposes for any Federal law as a controlled substance in Schedule I

21 USC 802(32) – chemical structure is substantially similar to a controlled substance in schedule I or II and has a similar pharmacologic effect.





# Law Enforcement Efforts

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# DEA Web-based Resources

EA.gov





# Prevention . . .

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# DEA Web-based Resources

# DEA

UNITED STATES

## Drug Enforcement Administration

TOUGH WORK, VITAL MISSION

[HOME](#)[ABOUT](#)[CAREERS](#)[OPERATIONS](#)[DRUG INFO](#)[PREVENTION](#)[PRESS ROOM](#)[ESPAÑOL](#)

**Drug Facts for Today's Teens**  
[JustThinkTwice.com](http://JustThinkTwice.com)

**A DEA Resource for Parents**  
[GetSmartAboutDrugs.com](http://GetSmartAboutDrugs.com)

**THE DEA POSITION ON  
MARIJUANA**

### TOP STORY

#### DEA Statement Regarding the Release of Rafael Caro-Quintero

AUGUST 9 (WASHINGTON)

Today, the Drug Enforcement Administration was deeply troubled to learn of the decision by a Mexican court to release infamous drug trafficker Rafael Caro-Quintero from a Mexican prison. Caro-Quintero had

### TOPICS OF INTEREST

[DEA Museum Galleries Re-Open](#)

[DEA Fact Sheet](#)

[Drugs of Abuse: A DEA Resource Guide](#)

[Extension of Temporary Placement of Five Synthetic Cannabinoids](#)

### RESOURCE CENTER

[Controlled Substances Act](#)

[DEA Museum and Visitors Center](#)

[Doing Business with DEA](#)

[Drug Disposal](#)

[Employee Assistance Program](#)

[Extortion Scam Alert](#)





# DEA Web-based Resources

gs.com

The screenshot shows the homepage of the 'Get Smart About Drugs' website, which is a DEA resource for parents. The browser address bar shows 'http://www.getsmartaboutdrugs.com/'. The website features a navigation menu with links: Home, Identify, Prevent, Help, Hot Topics, DEA in the Community, and Communities of Practice. A search bar is located on the right side of the menu. The main content area includes a featured article about the 'Communities of Practice' section, which includes PowerPoint presentations and a 'Train the Trainer' module. Below this, there are buttons for 'BACK', 'STOP', and 'NEXT'. To the right, there are two promotional boxes: 'DEA Publications' with a 'READ MORE' button, and 'Watch the Videos' with a 'VIEW' button. At the bottom, there are three sections: 'Latest News' with a link to 'See All News Stories', 'Voices' featuring 'Irma Perez's Story', and 'Inside DEA' with a brief description of the organization's role.

http://www.getsmartaboutdrugs.com/

Get Smart About Drugs  
A DEA Resource for Parents

Home Identify Prevent Help Hot Topics DEA in the Community Communities of Practice

The new Communities of Practice section includes three PowerPoint presentations about drug abuse and awareness and an online Train the Trainer module that provides presenters with techniques to effectively deliver the presentations.

[Learn more](#)

BACK STOP NEXT

COMMUNITIES of PRACTICE

DEA Publications  
Download or request  
Drugs of Abuse and  
Prescription for Disaster  
[READ MORE](#)

Watch the Videos  
View videos to learn how  
to keep your family safe,  
including ways to avoid  
prescription drug abuse.  
[VIEW](#)

**Latest News** [See All News Stories](#)

**Drug Court Offers Hope for the Future**  
Jan 22, 2013 The Columbia River Partnerships for Change, a nonprofit in Oregon, is seeing tremendous success with its three drug court programs: adult treatment, juvenile treatment, and families restored.

**ER Visits Tied to Energy Drinks Double Since 2007**  
Jan 16, 2013 Hospitals around the country have seen a gradual uptick in the number of emergency room visits involving energy drinks.

**Voices**

**Irma Perez's Story**

Irma was a 14 year old girl from Belmont, California who took an Ecstasy pill on April 23, 2004. She became sick immediately—vomiting and writhing in pain—yet her friends did not seek medical help for her. Instead, they gave

**Inside DEA**

The men and women of DEA aren't just drug enforcement agents—we're parents, grandparents, brothers and sisters. We've seen how drugs rob young people of their promise and dreams, and how entire families are affected by a child's drug abuse...



# DEA Web-based Resources

e.com

The screenshot shows the homepage of the "Just Think Twice" website, which is a DEA web-based resource. The browser address bar shows the URL "http://www.justthinktwice.com/". The website has a yellow and black color scheme. At the top, there is a banner that reads "JUST THINK TWICE" and "YOU'VE HEARD THE FICTION. NOW LEARN THE FACTS." Below this is a navigation bar with links: HOME (return home), DRUG FACTS (learn the truth), FACTS & FICTION (know the difference), CONSEQUENCES (life changing events), TEENS TO TEENS (sharing our experience), and INSIDE DEA (find out more). A search bar is located on the right side of the navigation bar. The main content area features a large section titled "THINK YOU KNOW WHAT METHAMPHETAMINE IS MADE OF" with a question mark. Below the title, it says "Maybe you've heard it's made of the same stuff as cold medicine. Well, that's not all. Some of the ingredients used to make meth include battery acid, gasoline, and drain cleaner." and "GET THE FACTS ABOUT METHAMPHETAMINE »". There are three small images of drugs: MARIJUANA, COCAINE, and METH. To the right of the main section, there is a sidebar with two sections: "IT'S TIME TO SHATTER THE MYTHS ABOUT DRUGS AND DRUG ABUSE" with a "Learn More" link, and "FACTS & FICTION Get the Facts". Below these is a section titled "TEENS TO TEENS" with the text "Advice from teens on the D.A.R.E. Youth Advisory Board" and a "READ MORE »" link.

http://www.justthinktwice.com/

**JUST THINK TWICE**  
YOU'VE HEARD THE FICTION. NOW LEARN THE FACTS.

Parents & Educators | Drug Glossary

SEARCH

**HOME** *return home* | **DRUG FACTS** *learn the truth* | **FACTS & FICTION** *know the difference* | **CONSEQUENCES** *life changing events* | **TEENS TO TEENS** *sharing our experience* | **INSIDE DEA** *find out more*

**THINK YOU KNOW WHAT METHAMPHETAMINE IS MADE OF?**

Maybe you've heard it's made of the same stuff as cold medicine. Well, that's not all. Some of the ingredients used to make meth include battery acid, gasoline, and drain cleaner.

[GET THE FACTS ABOUT METHAMPHETAMINE »](#)

MARIJUANA | COCAINE | METH

**IT'S TIME TO SHATTER THE MYTHS ABOUT DRUGS AND DRUG ABUSE**  
[Learn More](#)

**FACTS & FICTION**  
*Get the Facts*

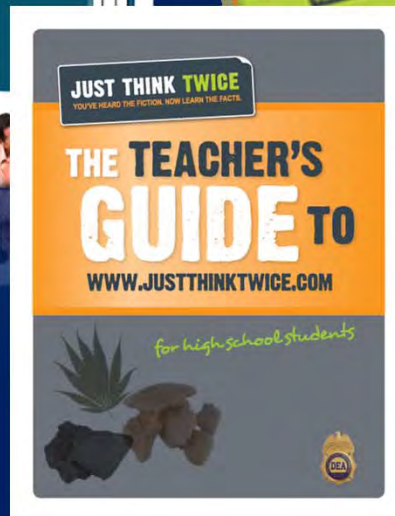
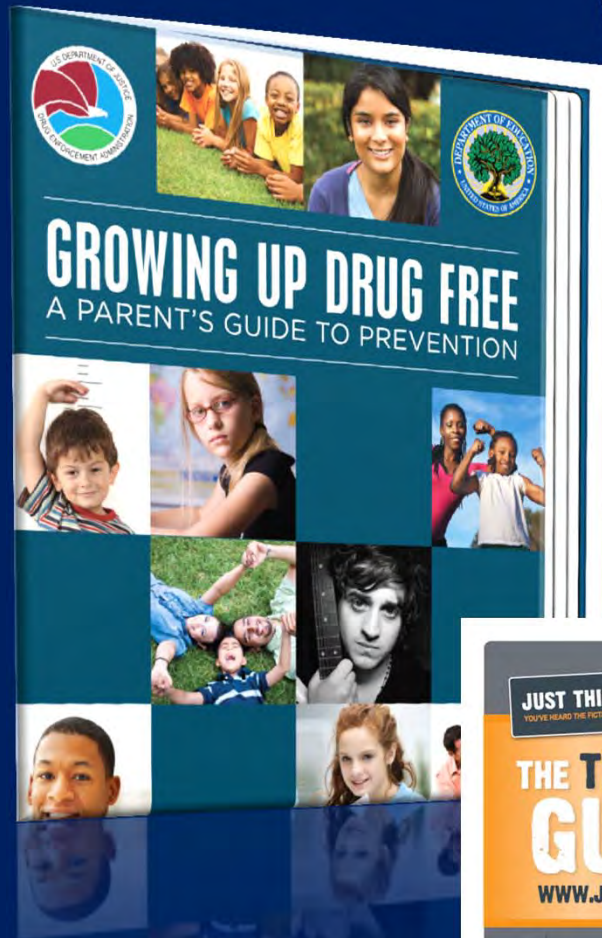
**TEENS TO TEENS**  
Advice from teens on the D.A.R.E. Youth Advisory Board  
[READ MORE »](#)

**Did You Know?** Combine toxic chemicals with neglected hygiene, and you get a condition called "meth mouth"—rotten and decaying teeth.





# Publications







Thank you