

# NCDTF TRENDS

## 2018

Marijuana

Hash Oil

Prescription  
Pills

Heroin



Meth

Cocaine

MDMA

Synthetic  
Drugs

# NCDTF GOALS

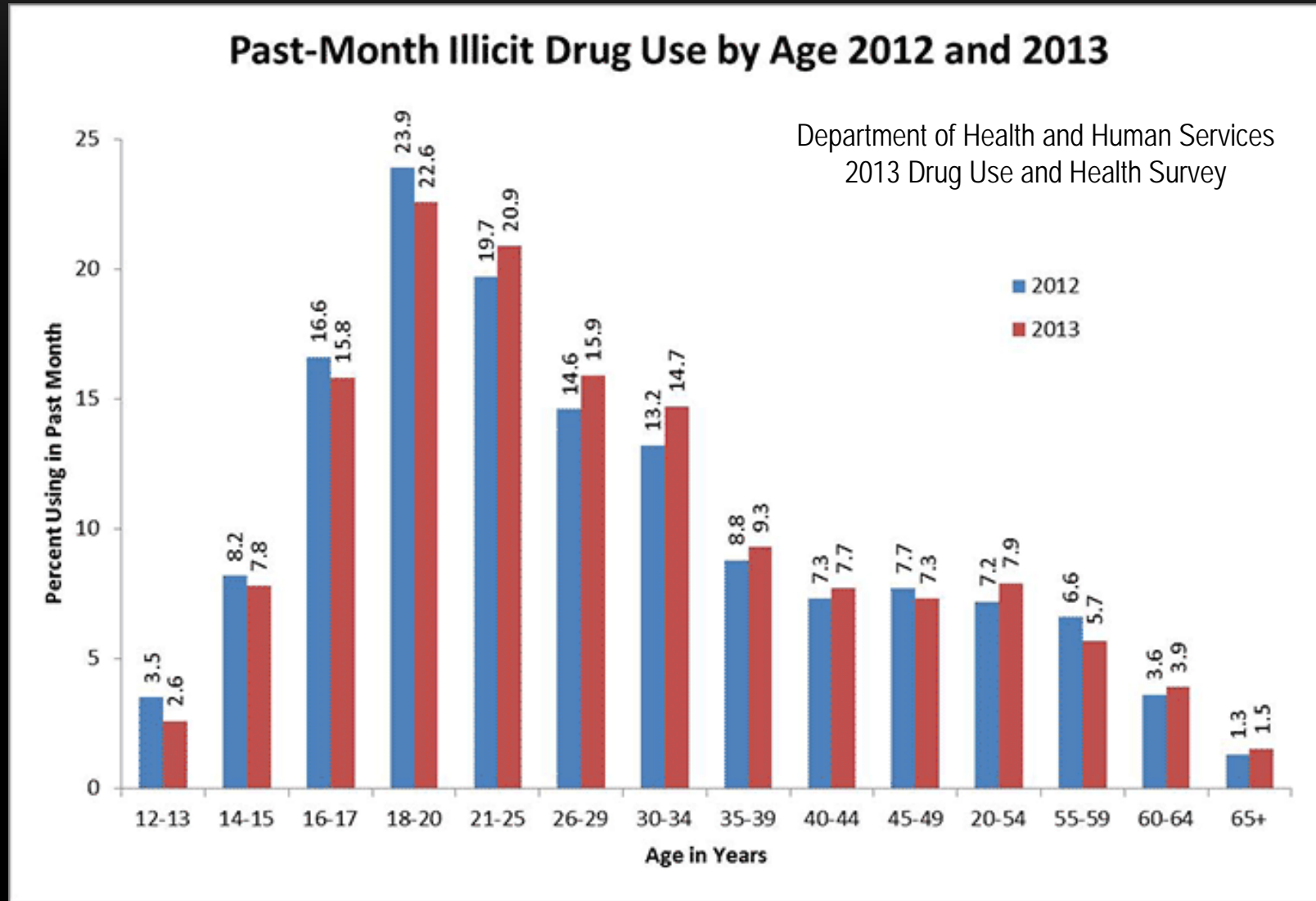
- Partner with and educate our communities about substance abuse issues and work together to identify community-based solutions.
- Team with citizen, business, civic and local/regional leadership groups for the purpose of incorporating creative solutions that are efficient and have long lasting impact.
- Collaborate with treatment providers to assist drug addicts in overcoming their addiction and becoming contributing members of society. (demand reduction)
- Target, investigate, arrest and prosecute mid to upper level drug dealers and drug trafficking organizations. (supply reduction)



# SUPPLY REDUCTION



# ILLICIT DRUG USE BY AGE

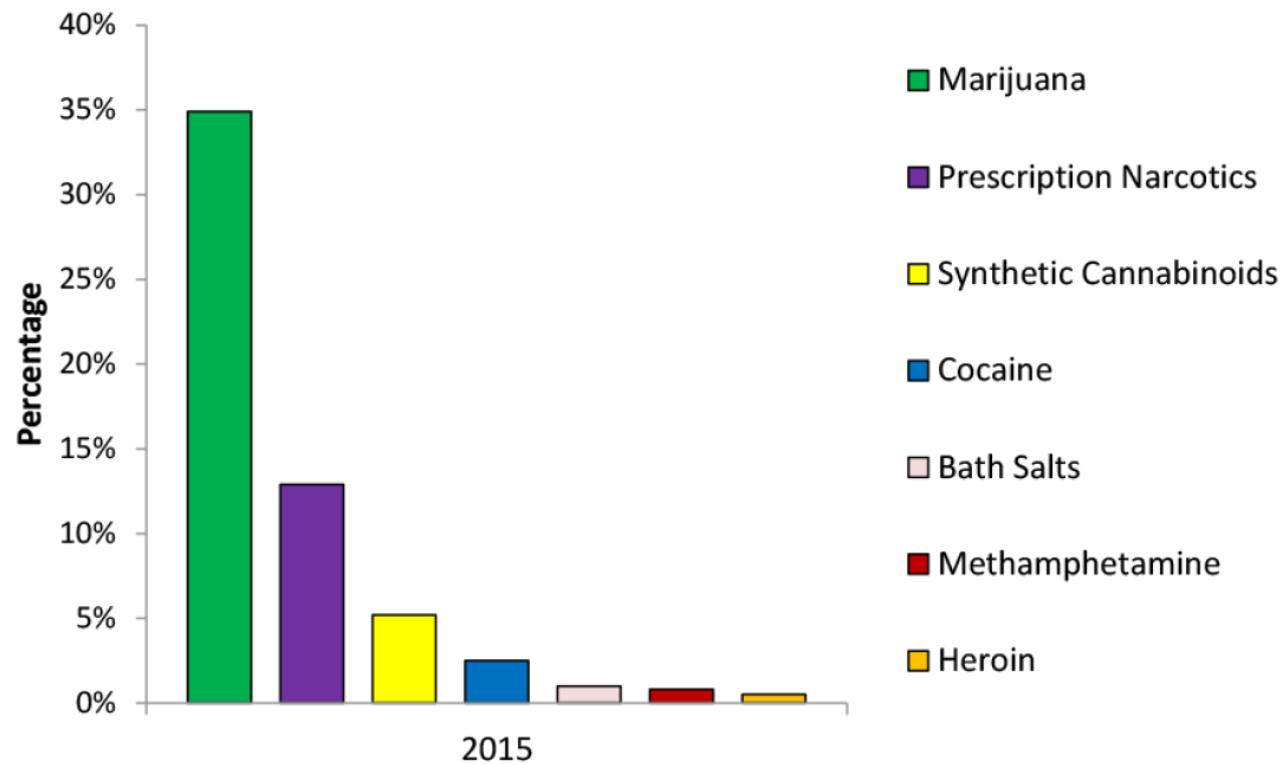




# ILLICIT DRUG USE INITIATION

2016 National Drug Threat Assessment Summary

Figure B4. Percentage of 12th Grade Students Reporting Past Year Use, 2015

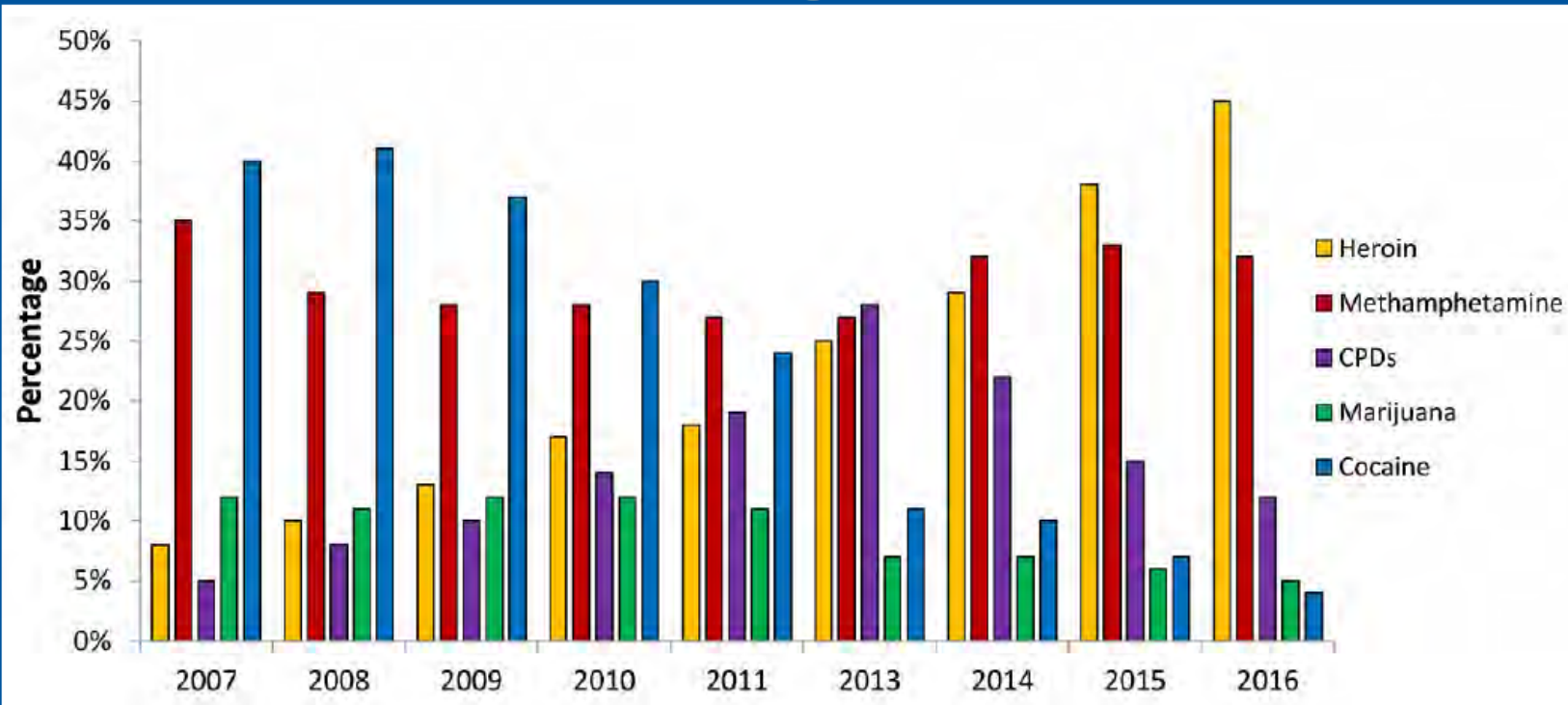


Source: 2015 Monitoring the Future Survey



# DRUG THREAT 2007-1016

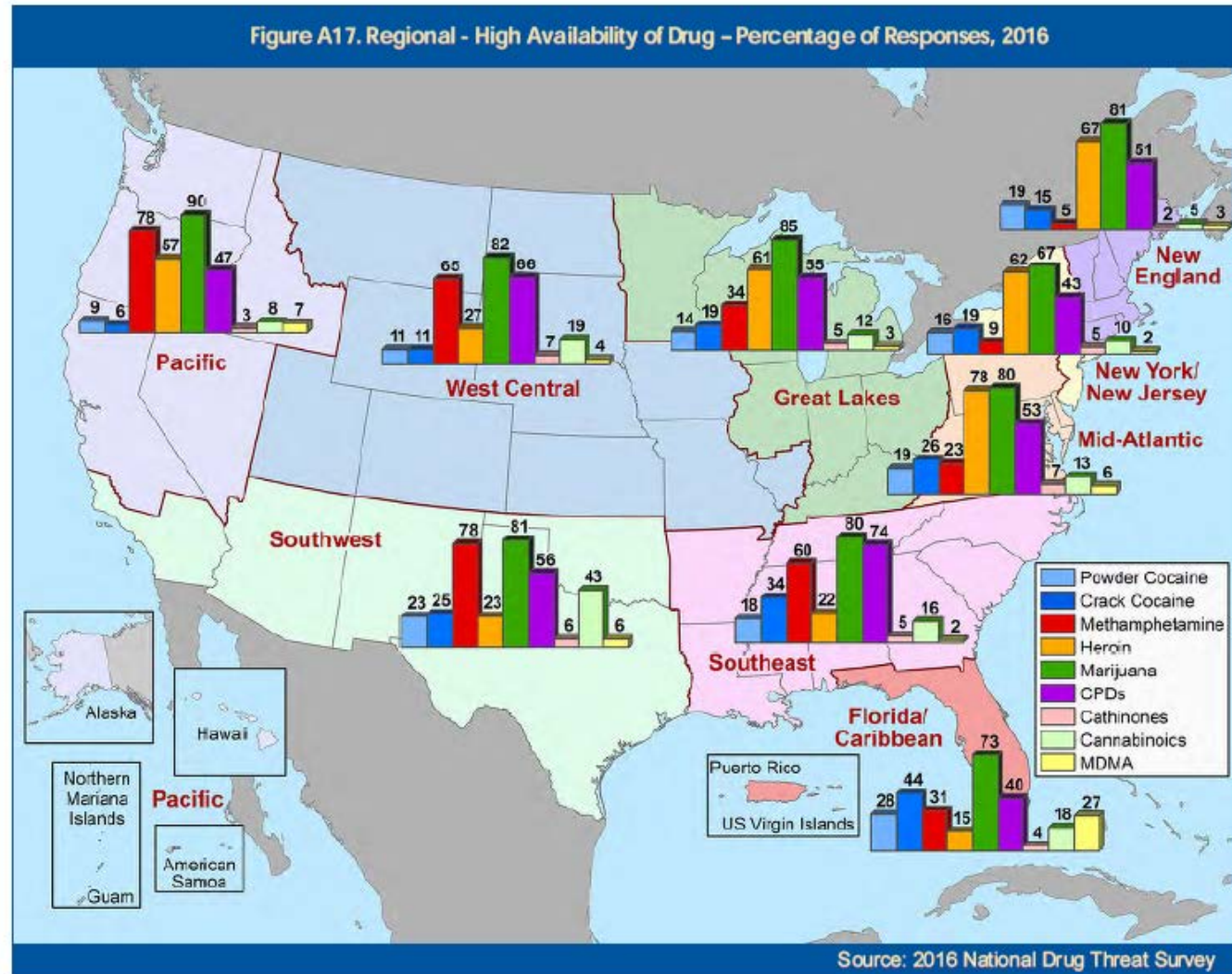
Figure A2: Greatest Drug Threat – Percentage of NDTS Responses, 2007 – 2016, Excluding 2012



Source: 2016 National Drug Threat Survey

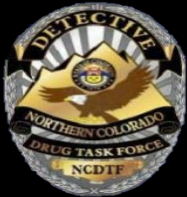
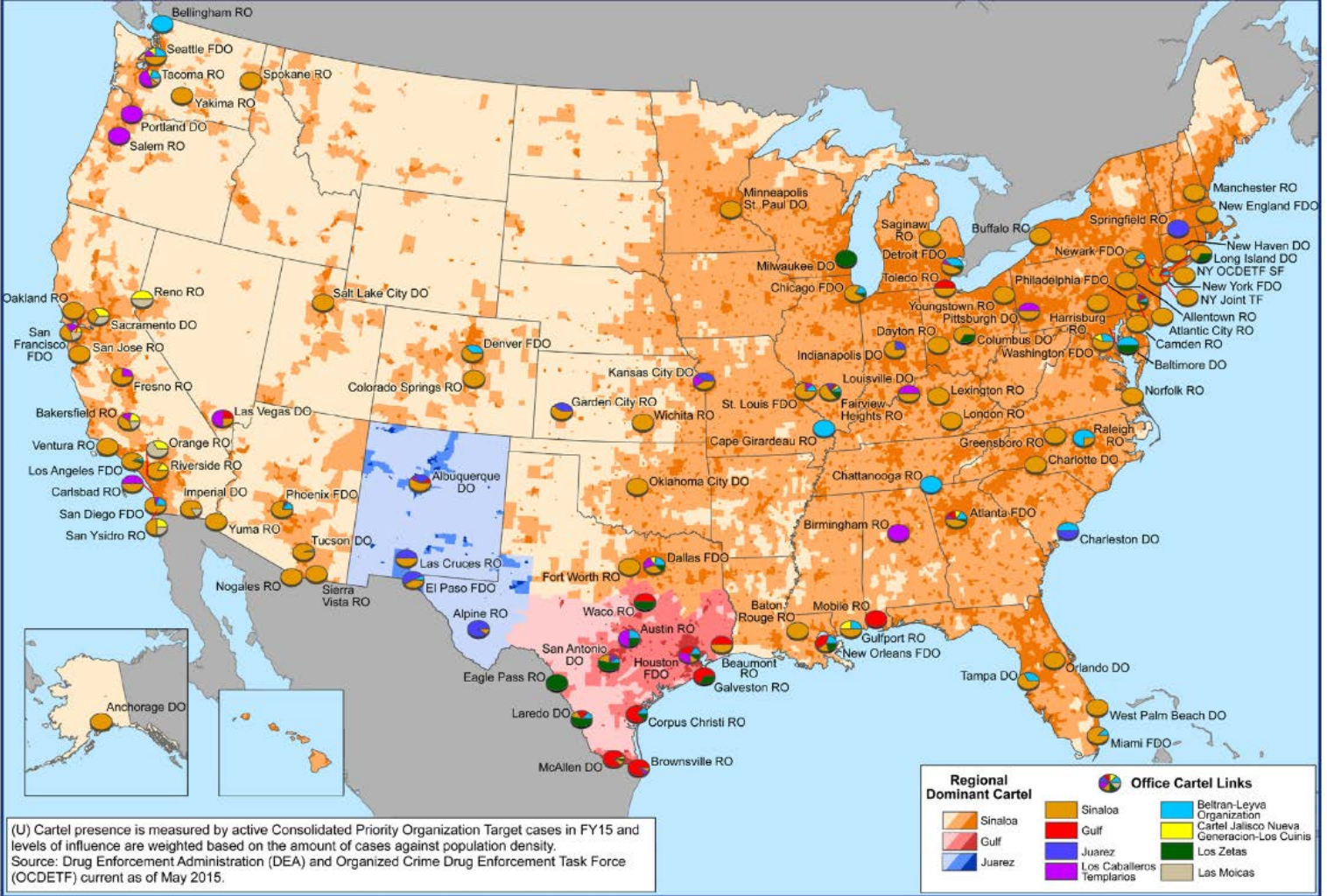


# AVAILABILITY OF DRUGS





# MEXICAN DRUG CARTEL INFLUENCE





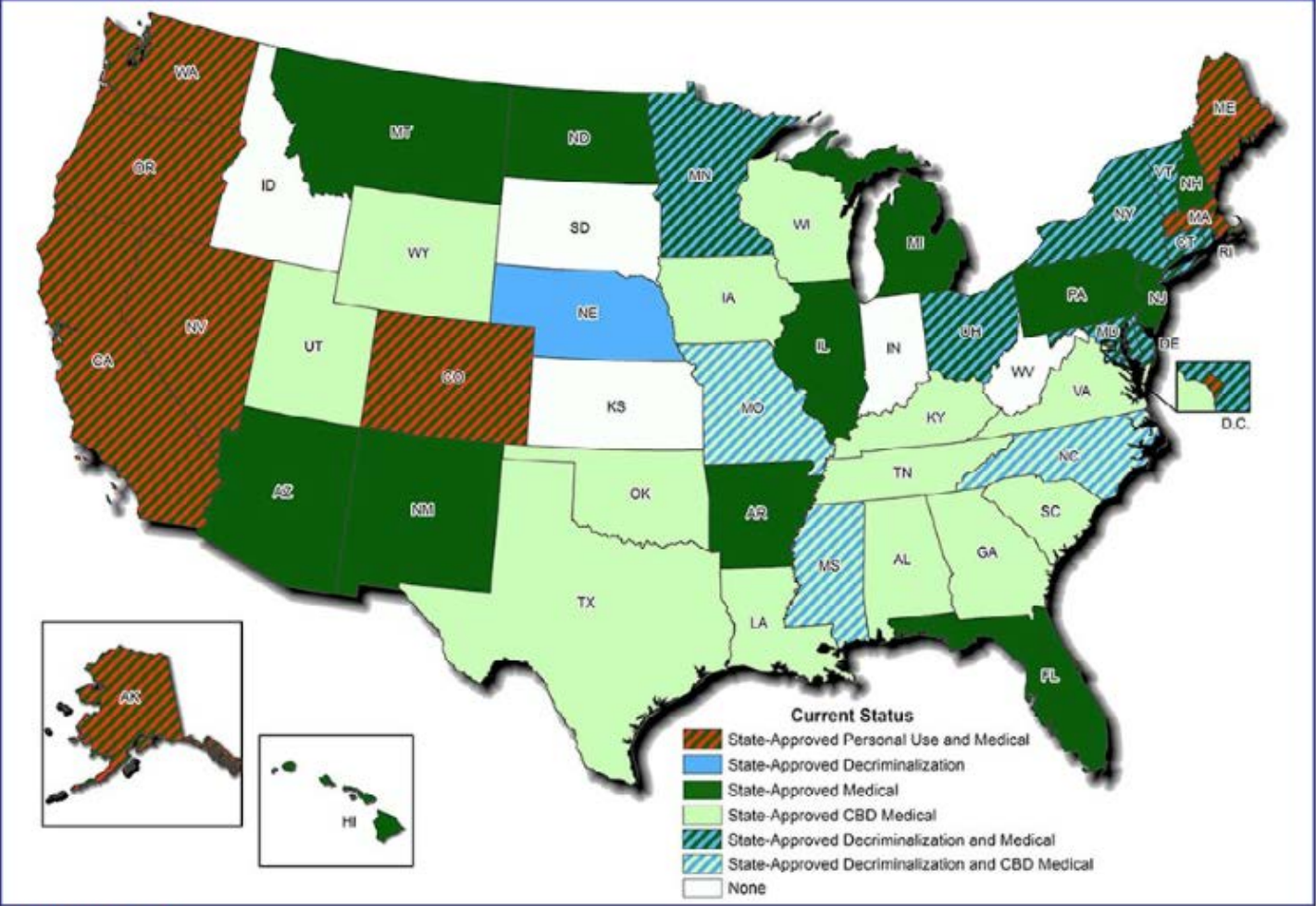
# MARIJUANA USE

- Demographics for medical marijuana use mirrors demographics of recreational drug users:
  - Average age- 39 years old
  - Median age- 33 years old
  - 70%- Male, 30%- Female
- 99% of medical marijuana patients chief complaint is chronic pain.



# MARIJUANA

Figure 107. Current State-Approved Marijuana Status, August 2017.

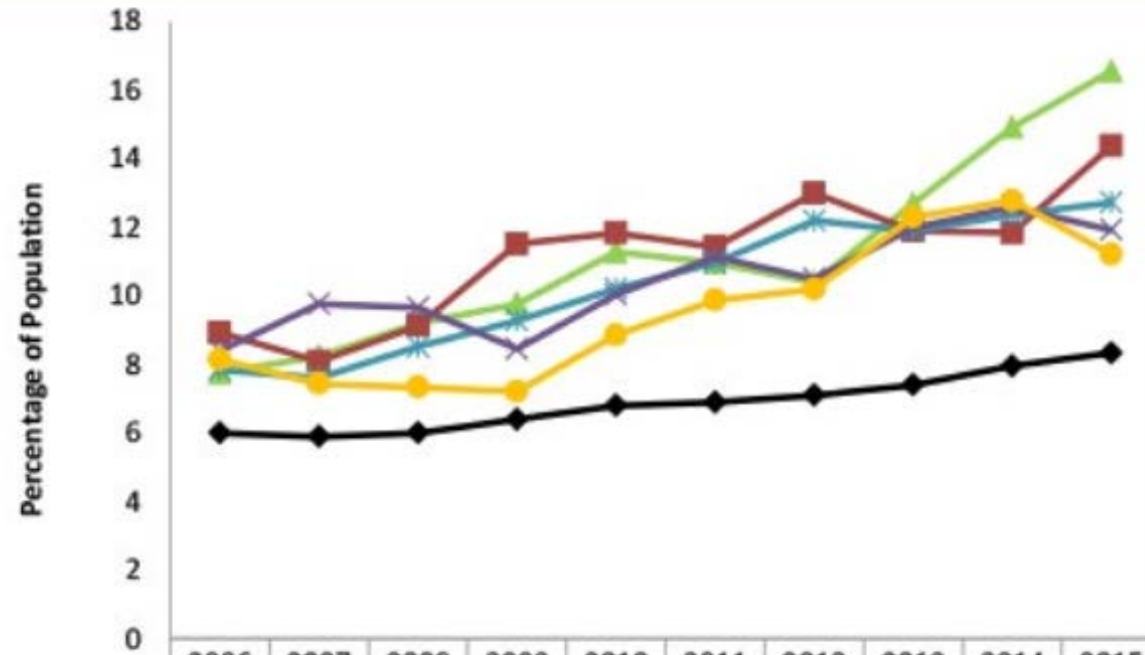


Source: DEA



# MARIJUANA USE

Figure 109. Percentage of Marijuana Use in the Past Month, U.S. Average Compared to States with Approved Personal Use/Recreational Laws.<sup>36</sup>



	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Colorado (2012)	7.8	8.2	9.2	9.8	11.3	11.0	10.4	12.7	14.93	16.57
Alaska (2014)	8.9	8.1	9.1	11.5	11.8	11.4	13	11.9	11.85	14.38
Oregon (2014)	7.9	7.6	8.5	9.3	10.2	11.0	12.2	11.9	12.38	12.73
District of Columbia (2014)	8.4	9.8	9.7	8.5	10.0	11.2	10.5	12	12.60	11.93
Washington (2012)	8.1	7.4	7.3	7.2	8.9	9.9	10.2	12.3	12.79	11.22
U.S. Average	6	5.9	6	6.4	6.8	6.9	7.1	7.4	7.96	8.34

Source: National Survey on Drug Use and Health



# MEDICAL MARIJUANA AND AMENDMENT 64

## Medical Marijuana (Amendment 20)

- 18 and over
- 6 plants
- 2 ounces finished product
- If caregiver, they can grow 6 plants per patient.

## Amendment 64

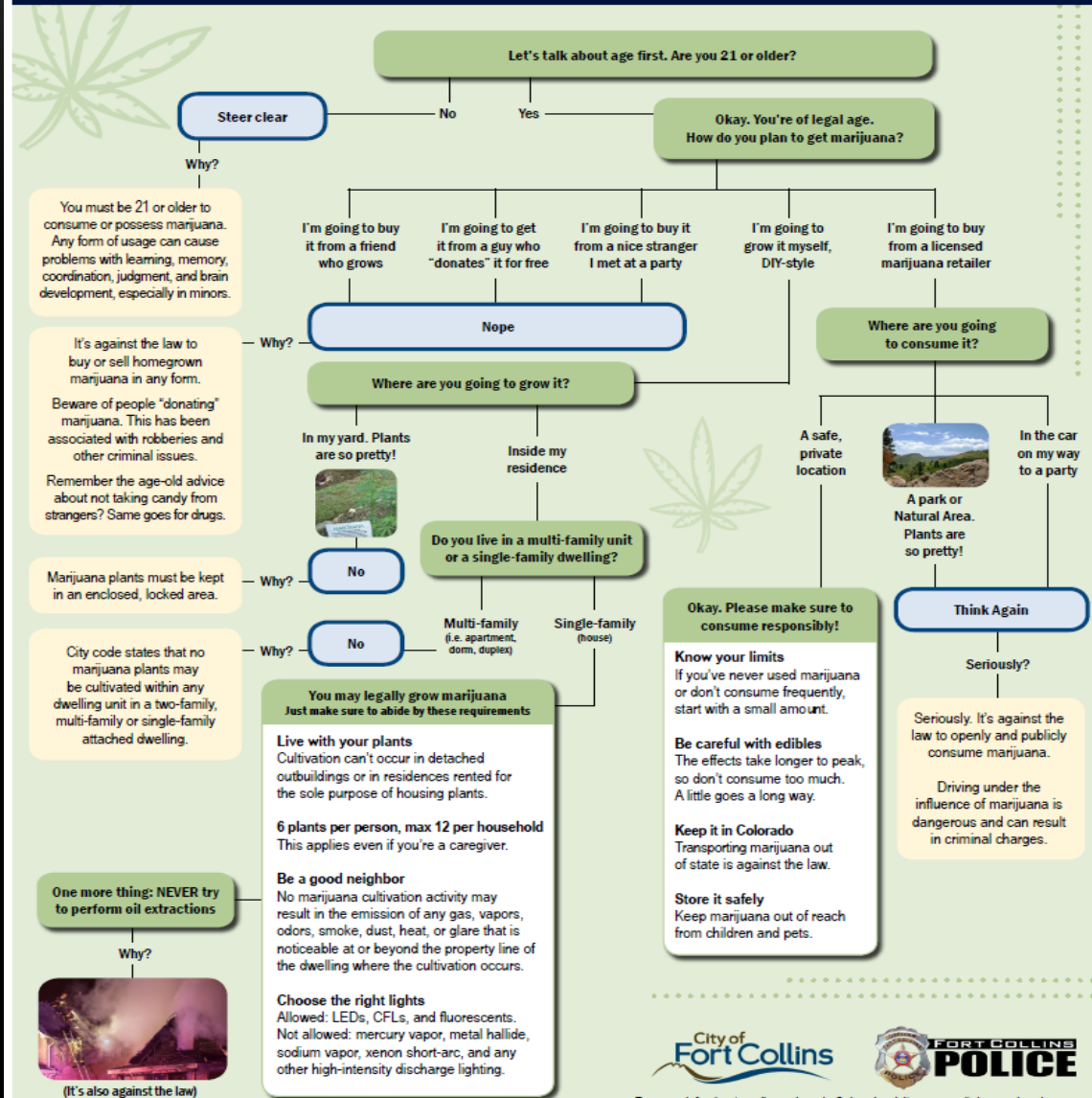
- 21 and over
- 6 plants
- 1 ounce of finished product
- Can distribute up to 1 ounce.





# MARIJUANA

IF YOU USE OR GROW IT FOR RECREATIONAL PURPOSES IN FORT COLLINS, MAKE SURE YOU KNOW THE LAW





# WHAT IS HASH OIL?

- Wikipedia:
- Hash Oil is a resinous matrix of cannabinoids obtained from the Cannabis plant by solvent extraction.
- The solvent is removed after the extraction
- Final product is pliable and waxy substance similar to caramel and honey
- Hash Oil, or oils from Marijuana plants have high levels of concentrated THC
- The Oil is in liquid form and can be infused into products for easy and alternate consumption





# HASH OIL PRODUCTION





# WHY MAKE HASH OIL?

- THC levels
  - Marijuana “buds” -Up to 30% (15% to 25% Average)
  - Hash Oil -Can exceed 85%
  - It takes approximately one ounce of marijuana to make six grams of Hash Oil



# BUTANE HASH OIL FAILS

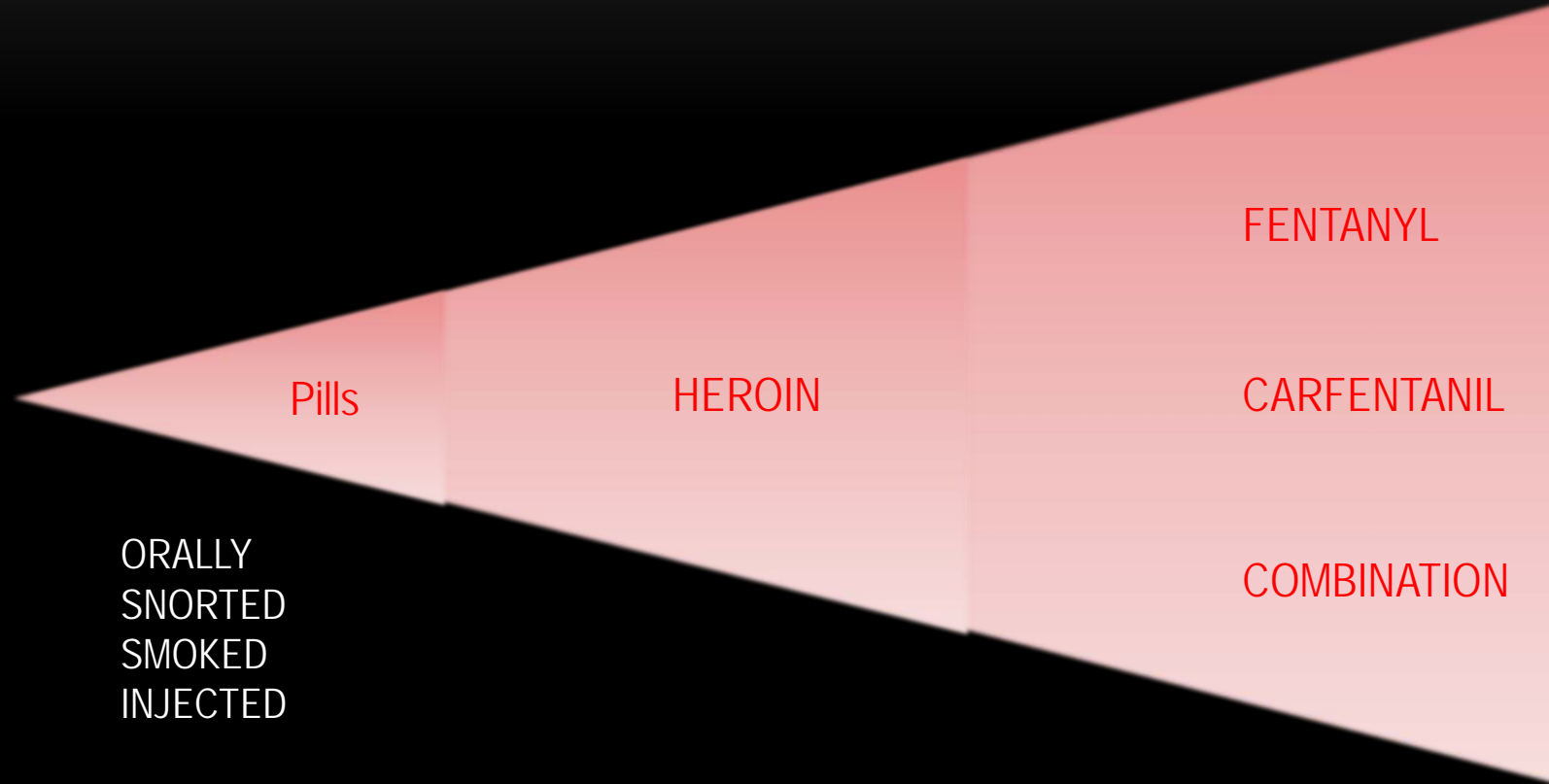


# OPIATES AND OPIOIDS

- Central nervous system depressant, used to treat pain.
- The drug works by binding to the opioid receptors in the brain to block, reduce pain.
- Opioids flood the brain with dopamine, a neurotransmitter that is associated with feelings of pleasure.



# TYPICAL OPIOID PROGRESSION





# CONTROLLED PRESCRIPTION DRUGS (CPD'S)

## "PILLS"

- In 2012, 259 million prescriptions were written for opioids, which is more than enough to give every American adult their own bottle of pills.
- The prescribing rates for prescription opioids among adolescents and young adults nearly doubled from 1994-2007.
- Most commonly abused drug after marijuana and alcohol by Americans 14 years and older.



- American Society of Addiction Medicine 2016



# CONTROLLED PRESCRIPTION DRUGS (CPD'S)

- Since 2002, the number of deaths attributed to CPD's has outpaced those for cocaine and heroin combined.
- 52 people a day die from overdosing on prescription painkillers (Center for Disease Control).

**Figure 12. Drug Poisoning Deaths Involving Selected Illicit Drugs, 2008-2015.**

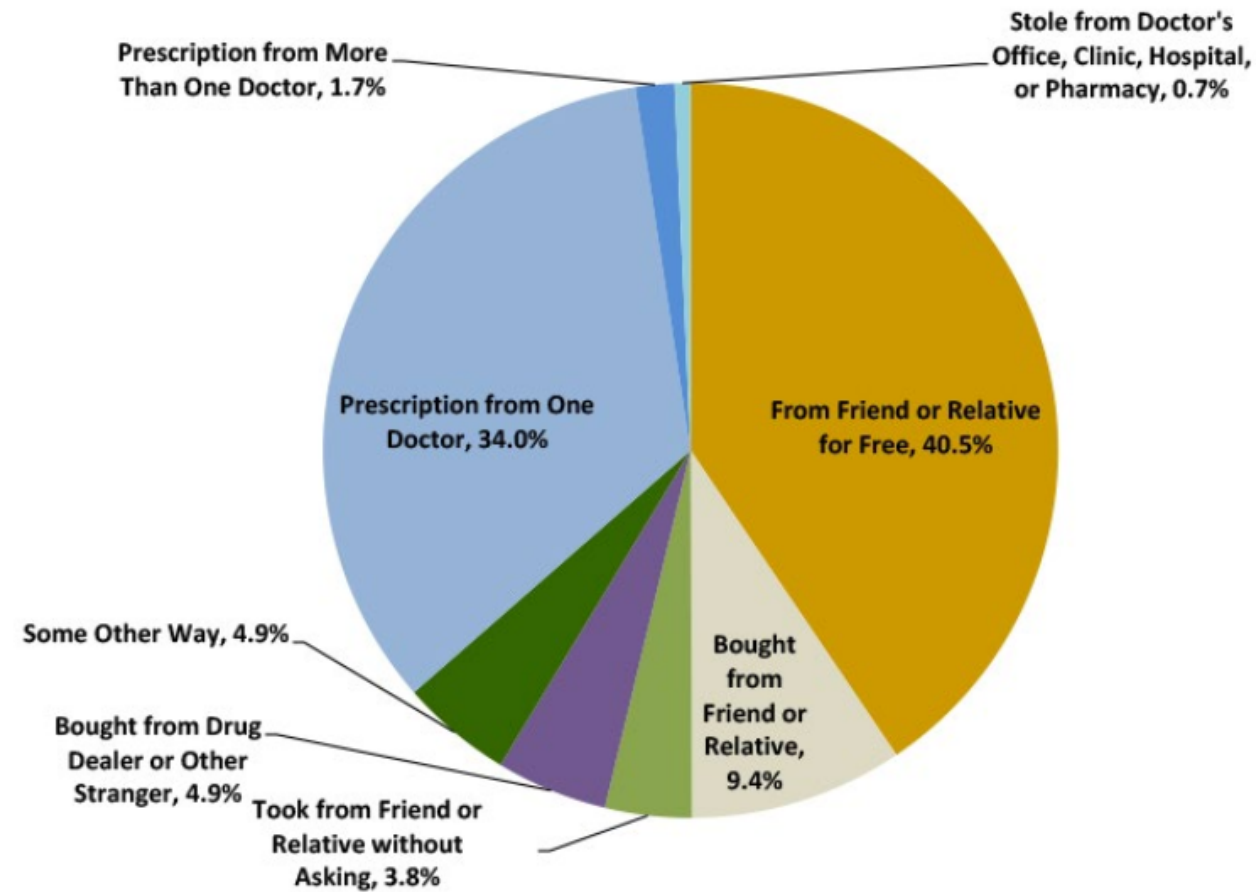
<b>Drug</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Medications <sup>7</sup>	21,994	22,668	23,749	24,697	24,085	24,536	27,203	31,181
Heroin	3,041	3,279	3,038	4,397	5,927	8,260	10,574	12,990
Cocaine	5,129	4,350	4,183	4,681	4,404	4,944	5,415	6,784
Psychostimulants With Abuse Potential	1,302	1,632	1,854	2,266	2,635	3,627	4,298	5,716

Source: National Center for Health Statistics/Centers for Disease Control and Prevention



# CONTROLLED PRESCRIPTION DRUGS (CPD'S)

Figure 20. Source Where Pain Relievers Were Obtained for Most Recent Misuse among Past Year Users Aged 12 or Older: 2015.

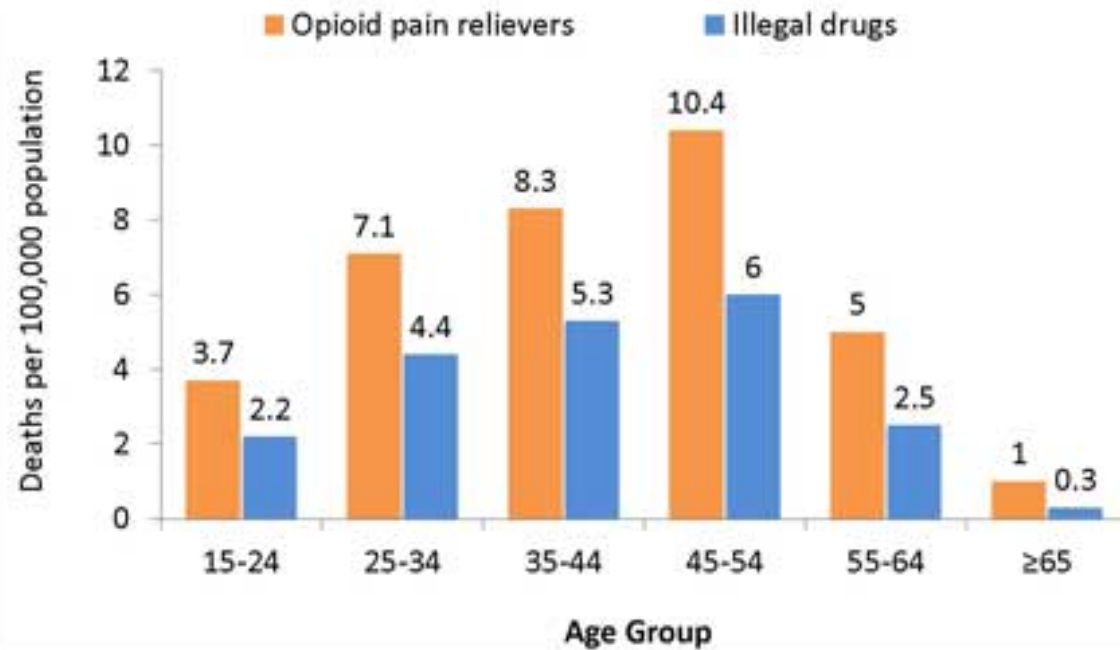


Source: Substance Abuse and Mental Health Services Administration, National Survey on Drug Use and Health (NSDUH)



# CONTROLLED PRESCRIPTION DRUGS (CPD'S) DEATHS

## Deaths from Opioid Pain Relievers Exceed Those from All Illegal Drugs



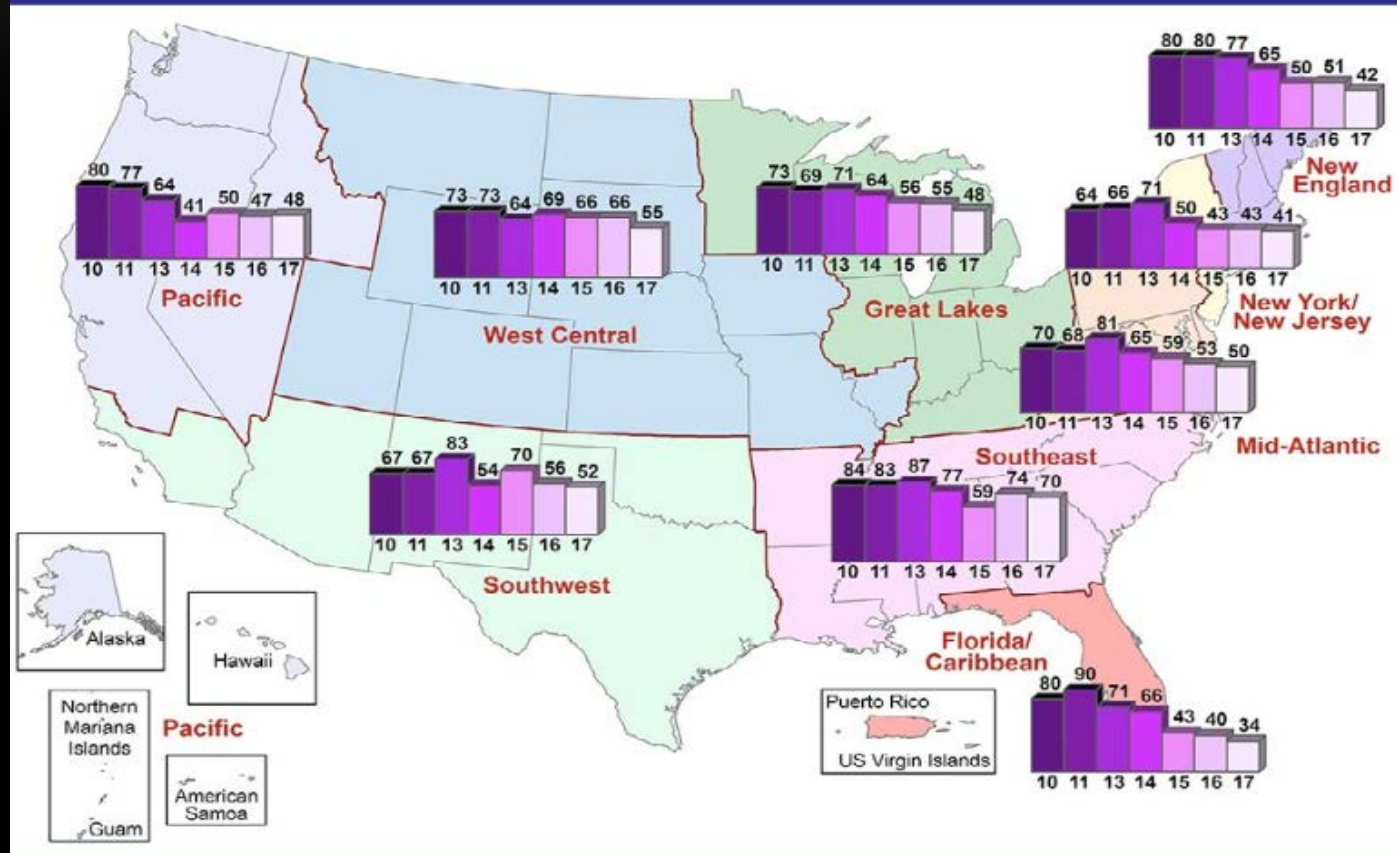
Source: CDC, Morbidity and Mortality Weekly Report, 60(43): 1489, 2011.





# CONTROLLED PRESCRIPTION DRUGS (CPD'S)

Figure 15. Percentage of NDTs Respondents Reporting High CPDs Availability 2010-2011, 2013-2017.<sup>9</sup>



- Recent data suggests a slight decrease in abuse of CPD's. The same data shows an increase in heroin use as CPD abusers have transitioned to heroin as a cheaper alternative.



# HEROIN

- Four in five new heroin users started out misusing prescription painkillers.
- 2014: 94% of people in treatment for opioid addiction chose to use heroin because prescription opioids were “far more expensive and harder to obtain.”
- Nearly half of young people who inject heroin surveyed in three recent studies reported abusing prescription opioids before starting to use heroin.



# HEROIN

- Large increases in poppy cultivation and heroin production in Mexico, the primary source for heroin for the US market, allows traffickers to provide a steady stream of high-purity, low-cost heroin throughout the US.
- Heroin overdose deaths more than tripled between 2010-2014.
- CPD abusers are 10 times the size of heroin users but overdose deaths are only twice that of heroin abusers.





# HEROIN





# HEROIN



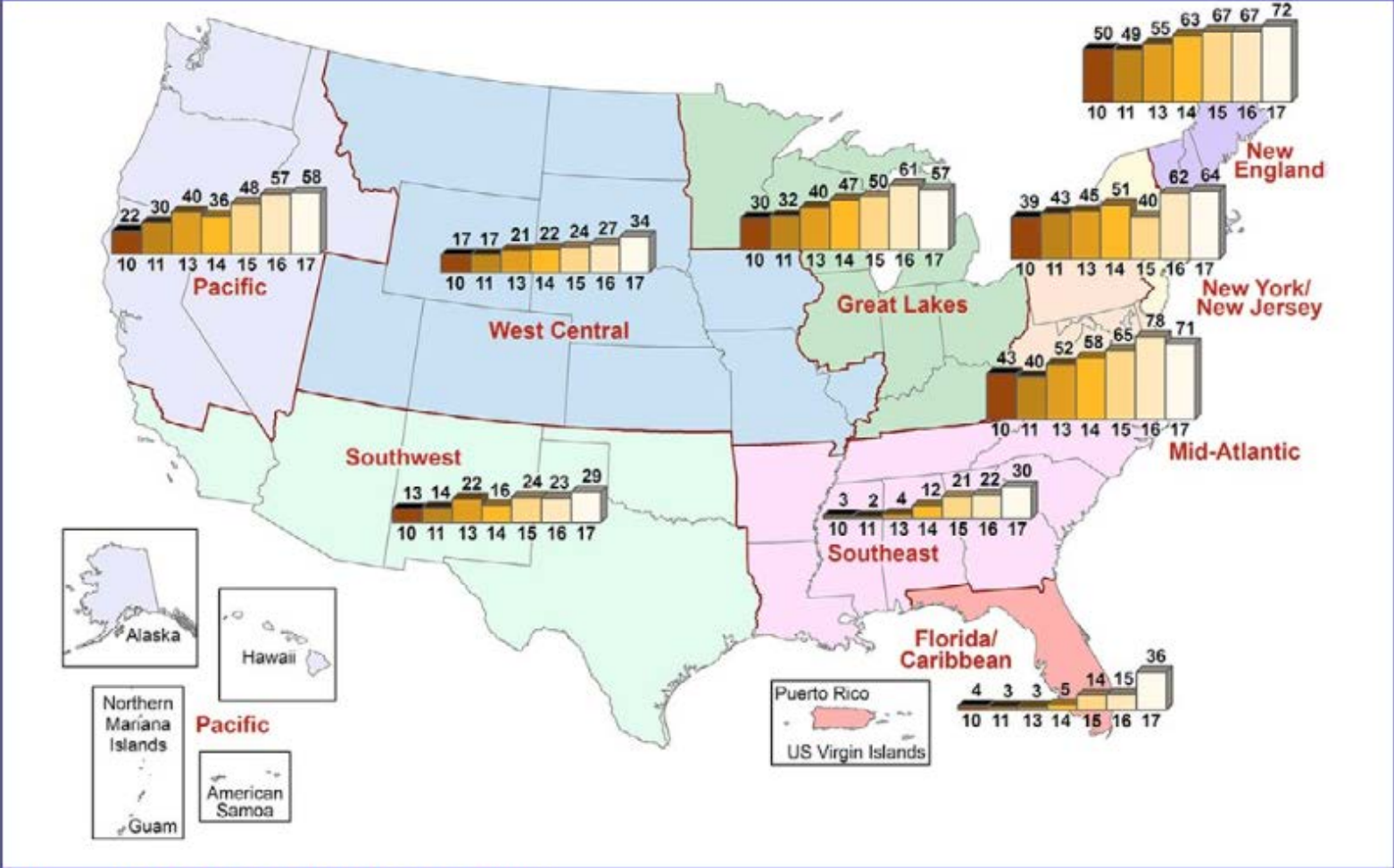


# HEROIN



# HEROIN AVAILABILITY- NATIONALLY

Figure 35. Percentage of NDTS Respondents Reporting High Heroin Availability, 2010-2011, 2013-2017.

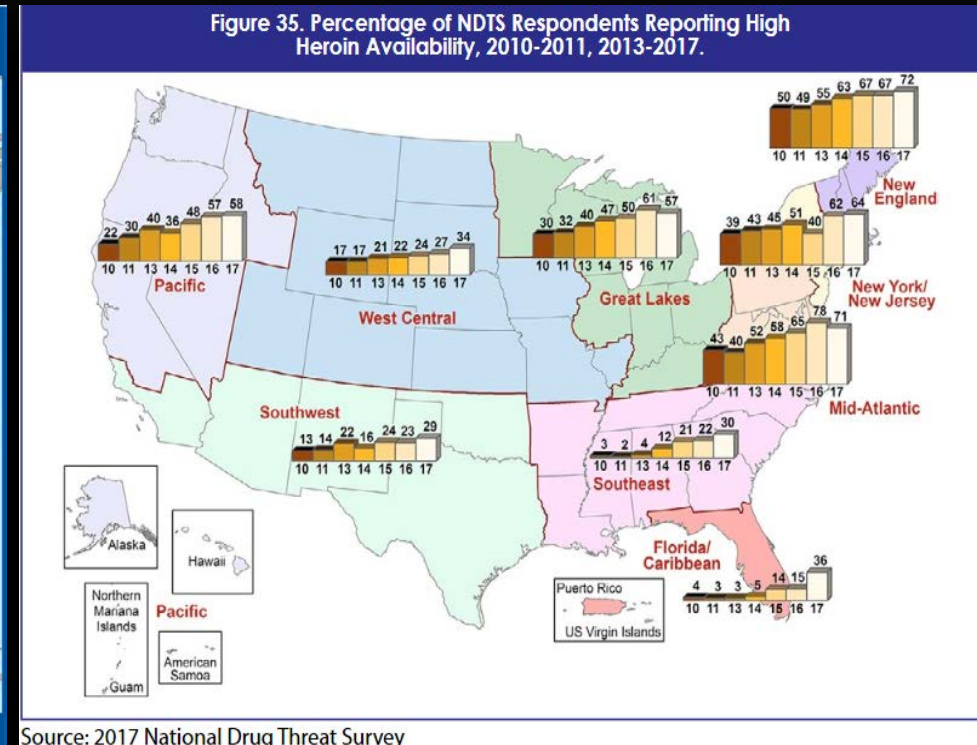
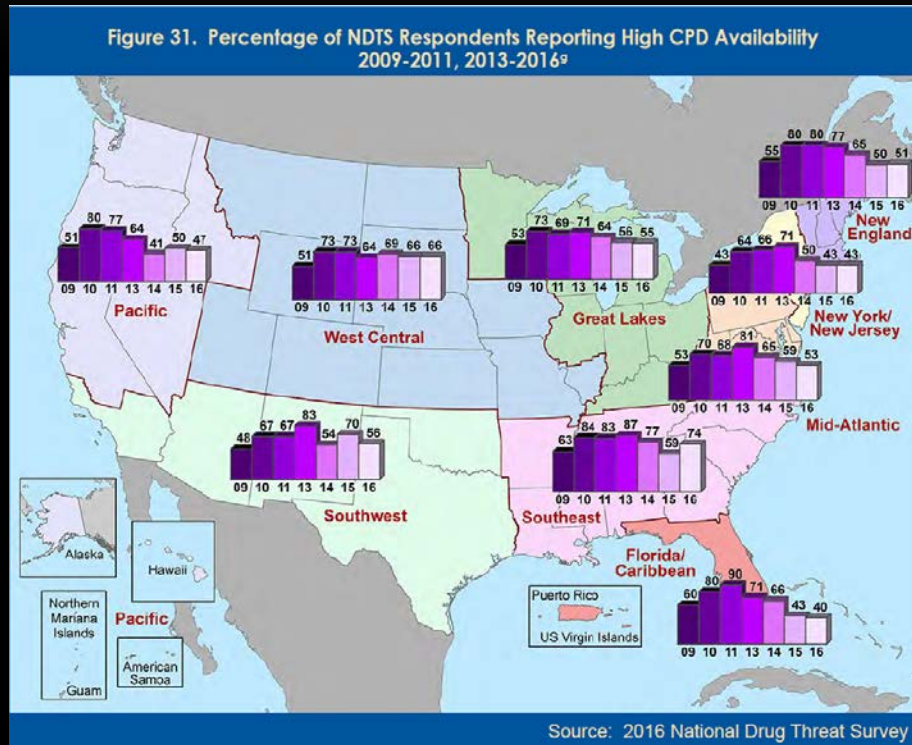


Source: 2017 National Drug Threat Survey

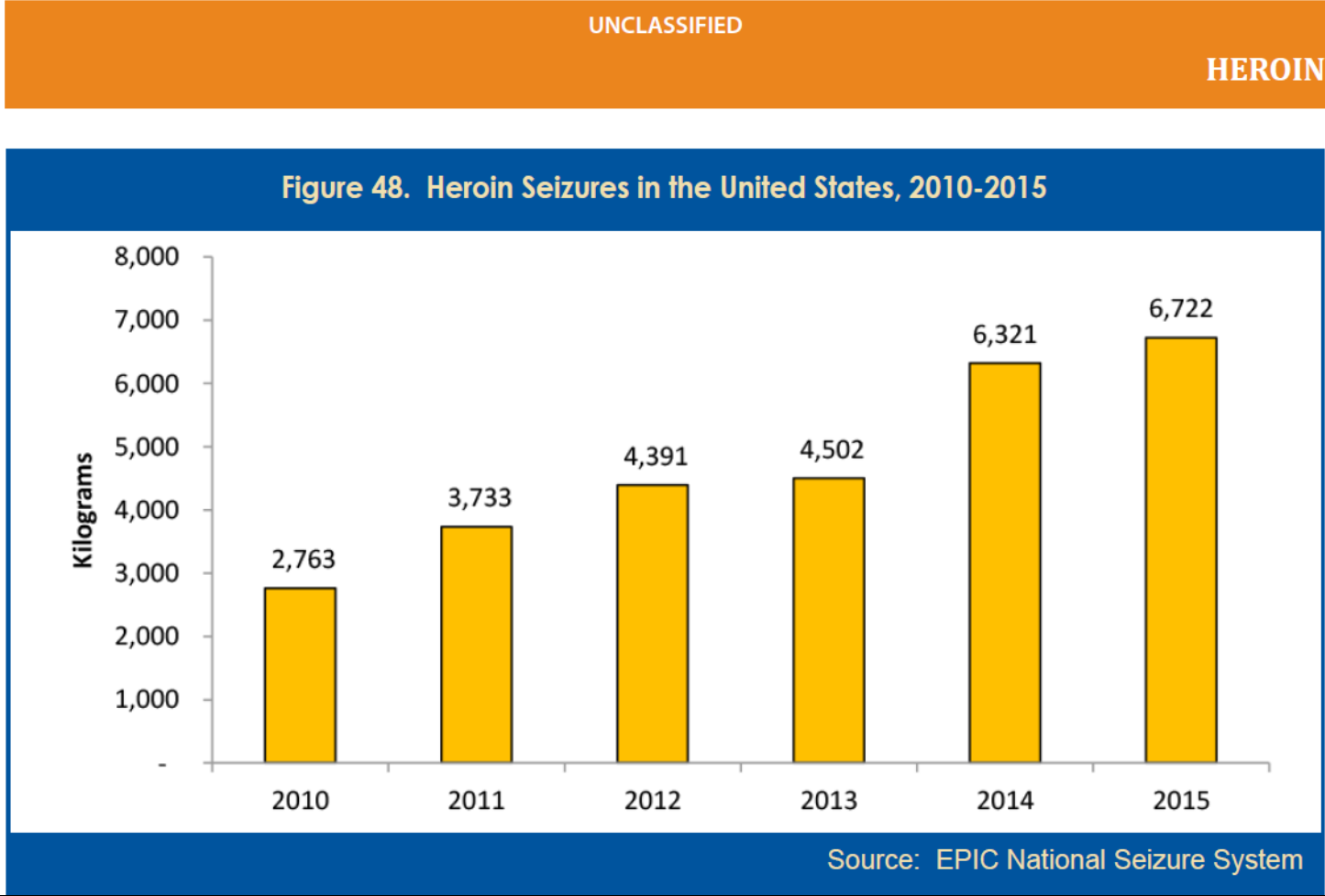




# AVAILABILITY- CPD'S VS HEROIN



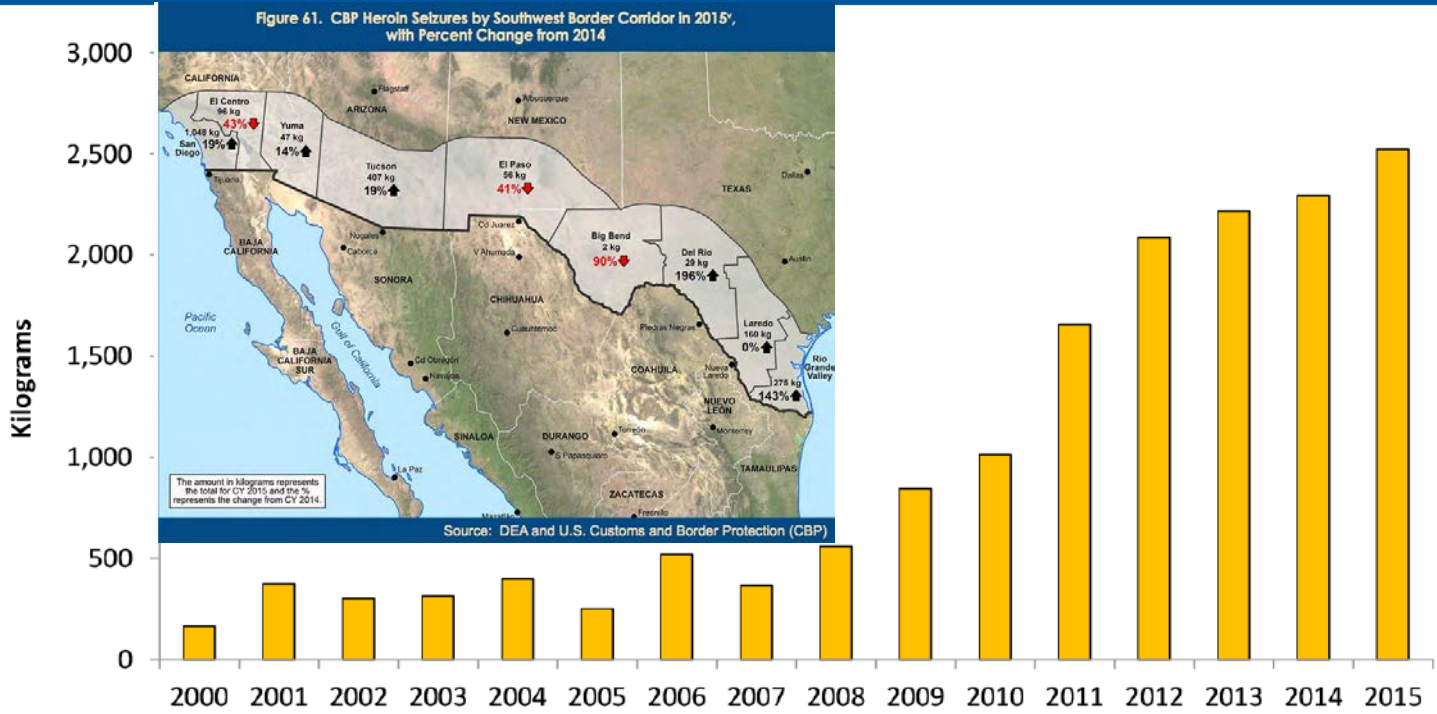
# HEROIN SEIZURES- NATIONALLY





# HEROIN SEIZURES- SOUTHWEST BORDER

Figure 49. Heroin Seizures at the Southwest Border, 2000-2015



Source: EPIC National Seizure System

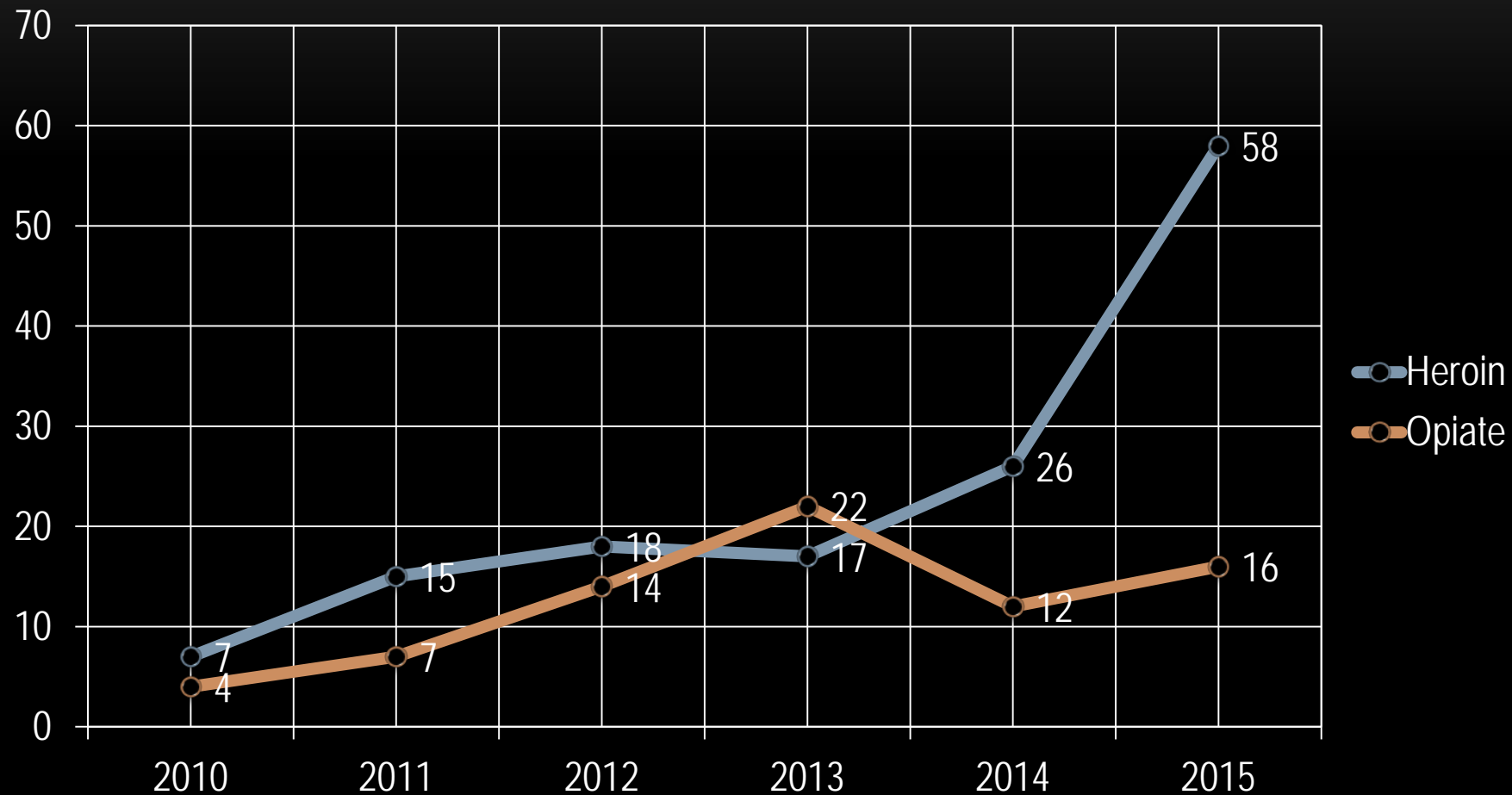


# HEROIN SEIZURES STATEWIDE





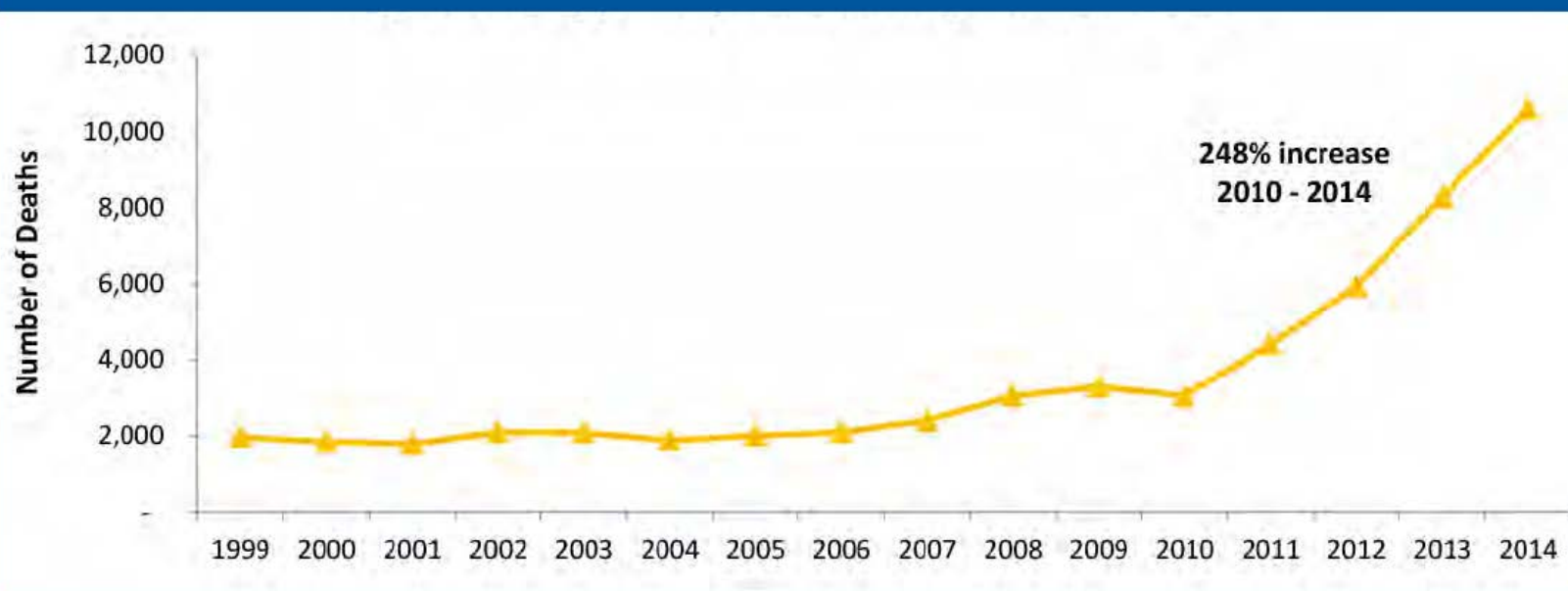
# HEROIN/OPIATE RELATED ARRESTS- LARIMER COUNTY



# HEROIN DEATHS- NATIONALLY

## 1999-2014

Figure 58. Drug-Poisoning Deaths Involving Heroin, 1999-2014



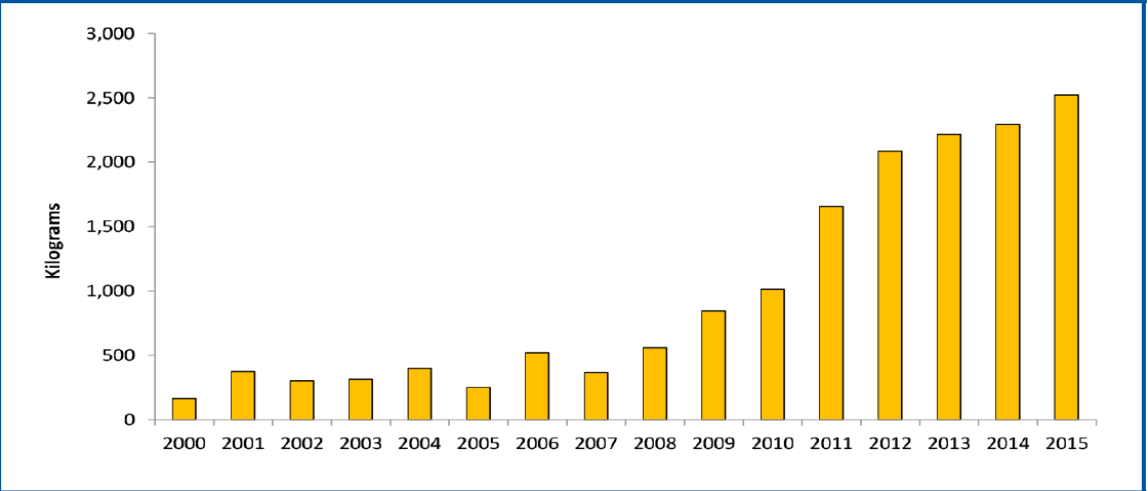
Source: National Center for Health Statistics/Centers for Disease Control





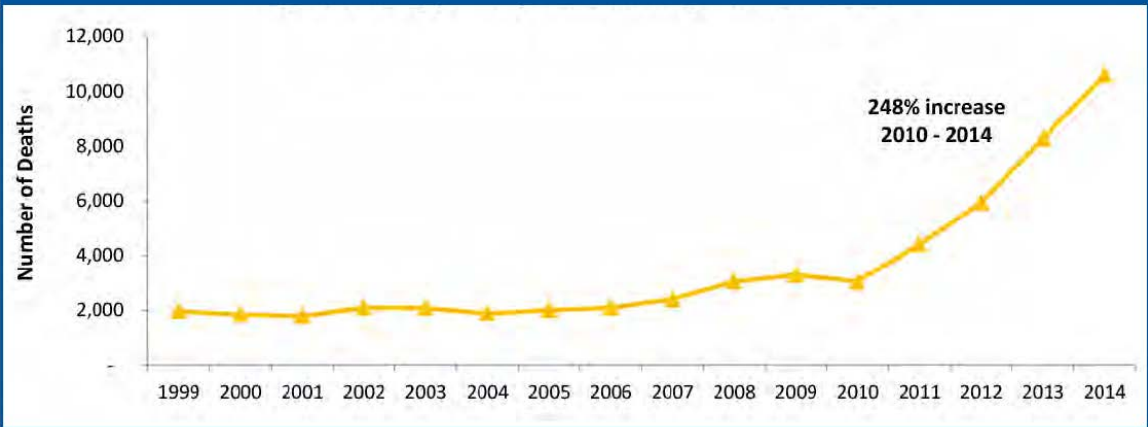
# HEROIN SEIZURES AND DEATHS

Figure 49. Heroin Seizures at the Southwest Border, 2000-2015



Source: EPIC National Seizure System

Figure 58. Drug-Poisoning Deaths Involving Heroin, 1999-2014

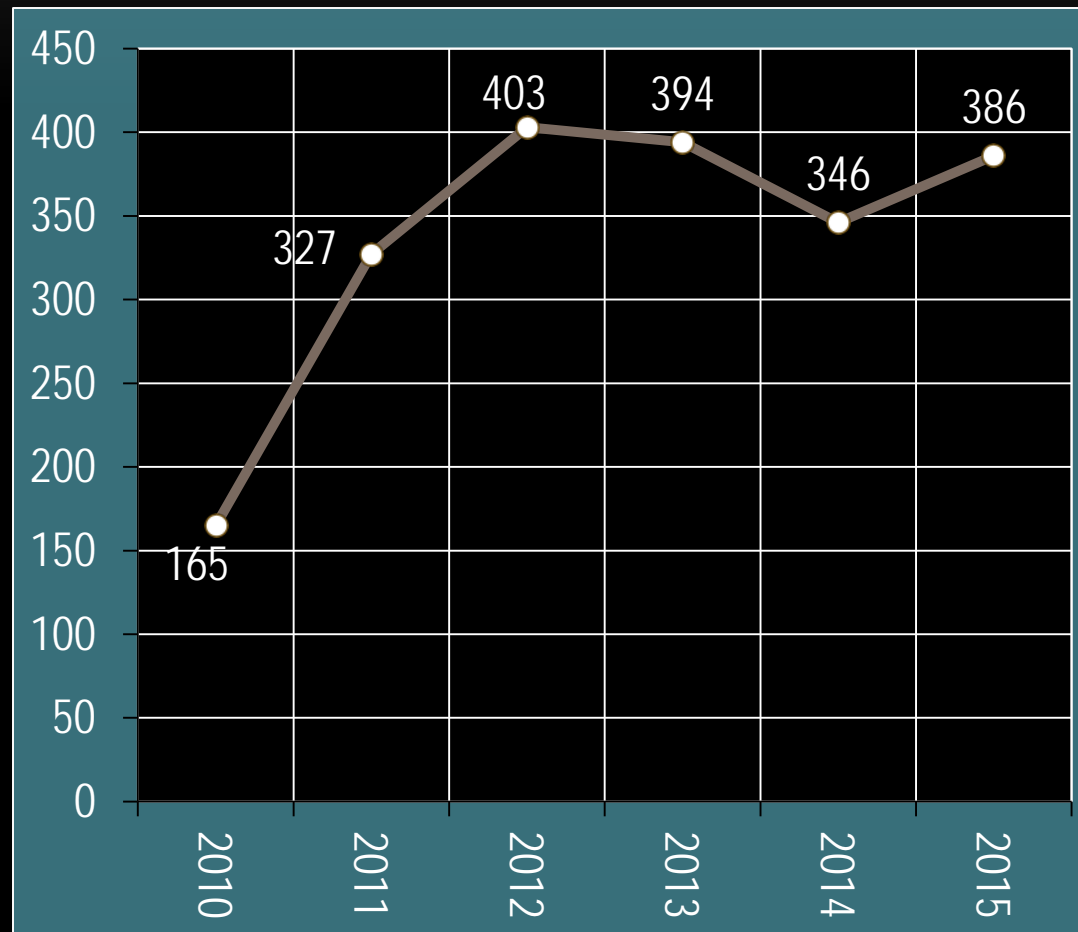


Source: National Center for Health Statistics/Centers for Disease Control



# NALOXONE DOSE DISTRIBUTIONS\*

## LARIMER COUNTY



\*Thompson Valley, Poudre Valley, Estes Park EMS Statistics

\*\*PV EMS Statistics not available for 2010



# OVERDOSE DEATHS 2015

<u>Accidents (43)</u>	<u>Age</u>	<u>Gender</u>	<u>Alcohol</u>	<u>Drug #1</u>	<u>Drug #2</u>
1	38	FE	.259	Hydrocodone	
2	43	M		Methamphetamine	Cocaine
3	31	FE		Hydrocodone	Oxycontin
4	47	M		Morphine	Oxycodone
5	40	M		Hydrocodone	Benzos
6	34	M		Heroin	
7	58	FE		Baclofen	
8	14	FE		Morphine	
9	51	FE	.033	Morphine	Hydrocodone
10	35	M	.192	Oxycodone	
11	26	M		Heroin	Methamphetamine
12	34	M		Morphine	
13	44	M		Heroin	Benzos
14	30	M		Fentanyl	Ecstasy/ GHB
15	34	M	.166	Methamphetamine	Oxycodone
16	29	M		Heroin	
17	30	FE		Hydrocodone	Benzos
18	46	FE		Hydrocodone	
19	57	M	.026	Oxycodone	
20	19	M		Methadone	
21	57	FE		Methadone	Antidepressants
22	23	M	.045	Benzos	Baclofen
23	27	M		Morphine	Oxycodone
24	31	M	.04	Heroin	
25	36	M	.052	Fentanyl	
26	61	M	.095	Oxycodone	Antidepressants
27	55	M	.292	Heroin	THC
28	45	M	.335	Oxycodone	THC
29	31	FE	.311	Benzos	
30	32	M	.470		
31	30	M		Heroin	
32	44	FE		Oxycodone	Benzos
33	33	M	.197	Oxymorphone	
34	31	M		Oxycodone	Neurontin
35	27	M	.19	Benzos	
36	43	FE		Oxycodone	Benzos



# OVERDOSE DEATHS 2016

Accidents (41)	Age	Gender	Alcohol	Drug #1	Drug #2
1	19	M		HEROIN	COCAINE
2	16	M		HEROIN	RX OPIATES
3	38	M		RX OPIATES	
4	53	M		RX OPIATES	
5	44	M		FENTANYL	BENZOS
6	34	M	.281	RX OPIATES	
7	42	M	.160	RX OPIATES	COCAINE
8	33	M		HEROIN	
9	48	M		RX OPIATES	
10	34	M	.255	RX OTHER	
11	32	M		HEROIN	COCAINE
12	53	M		RX OPIATES	
13	19	M		HEROIN	
14	42	FE		RX OPIATES	
15	53	M		METHAMPHETAMINE	COCAINE
16	58	FE		RX OPIATES	
17	28	M		HEROIN	METHAMPHETAMINE
18	56	FE		HEROIN	RX OPIATES
19	69	FE		RX OPIATES	RX OTHER
20	59	FE		HEROIN	
21	40	M		HEROIN	
22	23	M		HEROIN	
23	37	M	.176	HEROIN	METHAMPHETAMINE
24	54	FE		FENTANYL	RX OTHER
25	60	FE		RX OPIATES	METHAMPHETAMINE
26	25	FE		HEROIN	METHAMPHETAMINE
27	22	M		HEROIN	
28	55	M		RX OPIATES	
29	39	FE		RX OPIATES	
30	60	FE		HEROIN	METHAMPHETAMINE
31	32	M		HEROIN	COCAINE
32	39	M		OTC	
33	29	M		FENTANYL/HEROIN	METHAMPHETAMINE
34	68	M		RX OTHER	
35	38	M		FENTANYL	RX OPIATES
36	21	M		FENTANYL	



# OVERDOSE DEATHS 2017

Accidents (38)	Age	Gender	Alcohol	Drug #1	Drug #2
1	33	M	.472		
2	16	M	.159	Cocaine	Benzos
3	26	M		Hydrocodone	Benzos
4	57	M	.156	Heroin	
5	48	M	.024	Heroin	
6	42	M		Oxycodone	
7	43	M	.415	Hydrocodone	THC
8	56	FE		Barbiturates	Benzos
9	62	FE	.110	Hydrocodone	Benzos
10	44	M	.037	Fentanyl	
11	45	M	.538	Benzos	
12	23	M	.396	Benzos	
13	26	FE	.135	Heroin	Methamphetamine
14	38	M		Oxymorphone	
15	59	FE		Morphine	
16	45	M		Oxycodone	Benzos
17	63	M		Hydromorphone	
18	55	M		Fentanyl	
19	39	M		Methamphetamine	
20	60	M	.314	Benzos	
21	21	M		Benzos	Oxycodone
22	25	M	.033	Heroin	Cocaine
23	38	M		Heroin	Methamphetamine
24	54	FE		Methamphetamine	
25	43	M		Oxycodone	
26	27	M		Fentanyl	
27	44	FE		Oxycodone	Benzos
28	24	FE		Heroin	Methamphetamine
29	25	M		Heroin	Methamphetamine
30	61	M		Methamphetamine	Oxycodone
31	57	M		Heroin	Methamphetamine
32	23	FE		Heroin	Fentanyl
33	33	M	.040	Oxycodone	Benzos
34	28	M		Fentanyl	Oxycodone
35	54	FE		Benzos	
36	51	FE		Barbiturates	





# FENTANYL AND OTHER SYNTHETIC OPIOIDS

- Fentanyl- A powerful synthetic opioid, similar to morphine but 50-100 times more potent.
  - Manufactured in China and likely in Mexico.
  - Dose is 125 micrograms- About the size of 2 grains of salt.
  - Lethal dose- 2 milligrams- About 32 grains of salt.
  - Provides a strong high, although it doesn't last as long as heroin.
  - 79% increase in deaths involving synthetic opioids in one year.
    - 2013- 3,097 → 2014- 5,544
- Carfentanil- Most common illicit Fentanyl analogue
  - 100 times more potent than Fentanyl. 4,000 times more potent than heroin.
  - Used as a elephant tranquilizer.



# FENTANYL AND OTHER SYNTHETIC OPIOIDS (CONT.)

- Fentanyl is commonly found as a white powder
- Often sold as “White China” heroin, or mixed with traditional heroin.
- Fentanyl can be absorbed through the skin and can easily become airborne and inhaled.
- Serious concern for first responders being exposed.

**Figure 76. Two Milligrams of Fentanyl - A Potential Lethal Dose**

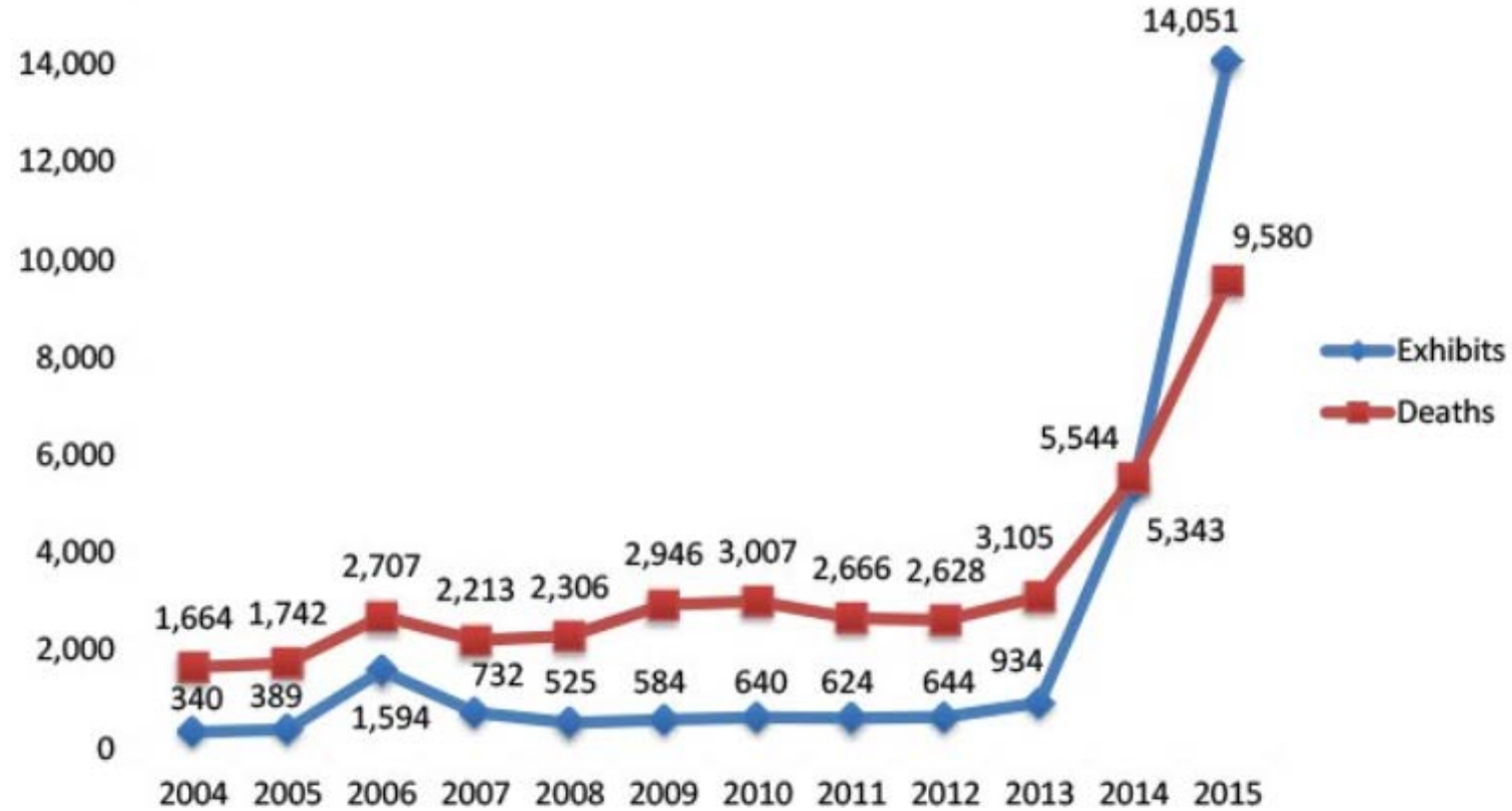


Source: Network Environmental Systems (NES)



# SYNTHETIC OPIOID DEATHS- NATIONALLY

Figure 48. Number of Synthetic Opioid Deaths and Fentanyl Exhibits by Year, 2004-2015.



Source: Center for Disease Control and DEA National Forensic Laboratory Information System



# FENTANYL

- Can be mixed into heroin or pressed into counterfeit prescription pills.

Figure 82. Black Tar Fentanyl

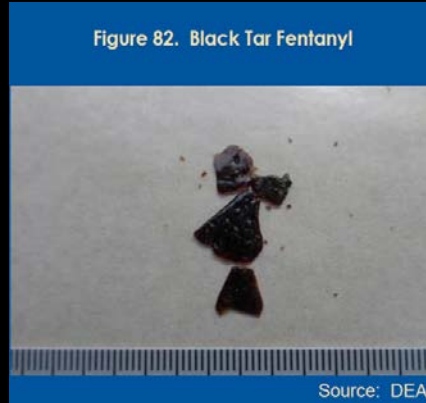


Figure 84. Fentanyl Seized from a Suitcase

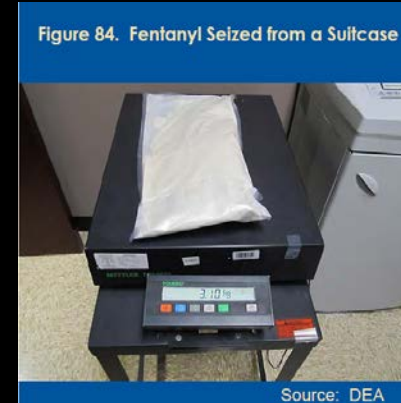
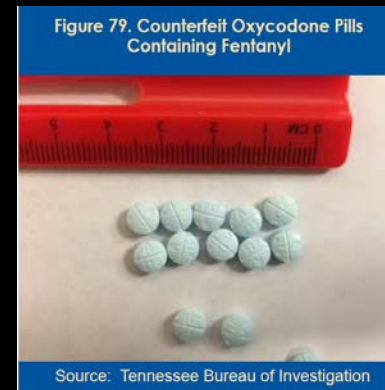


Figure 79. Counterfeit Oxycodone Pills Containing Fentanyl



# FENTANYL AND OTHER SYNTHETIC OPIOIDS (CONT.)



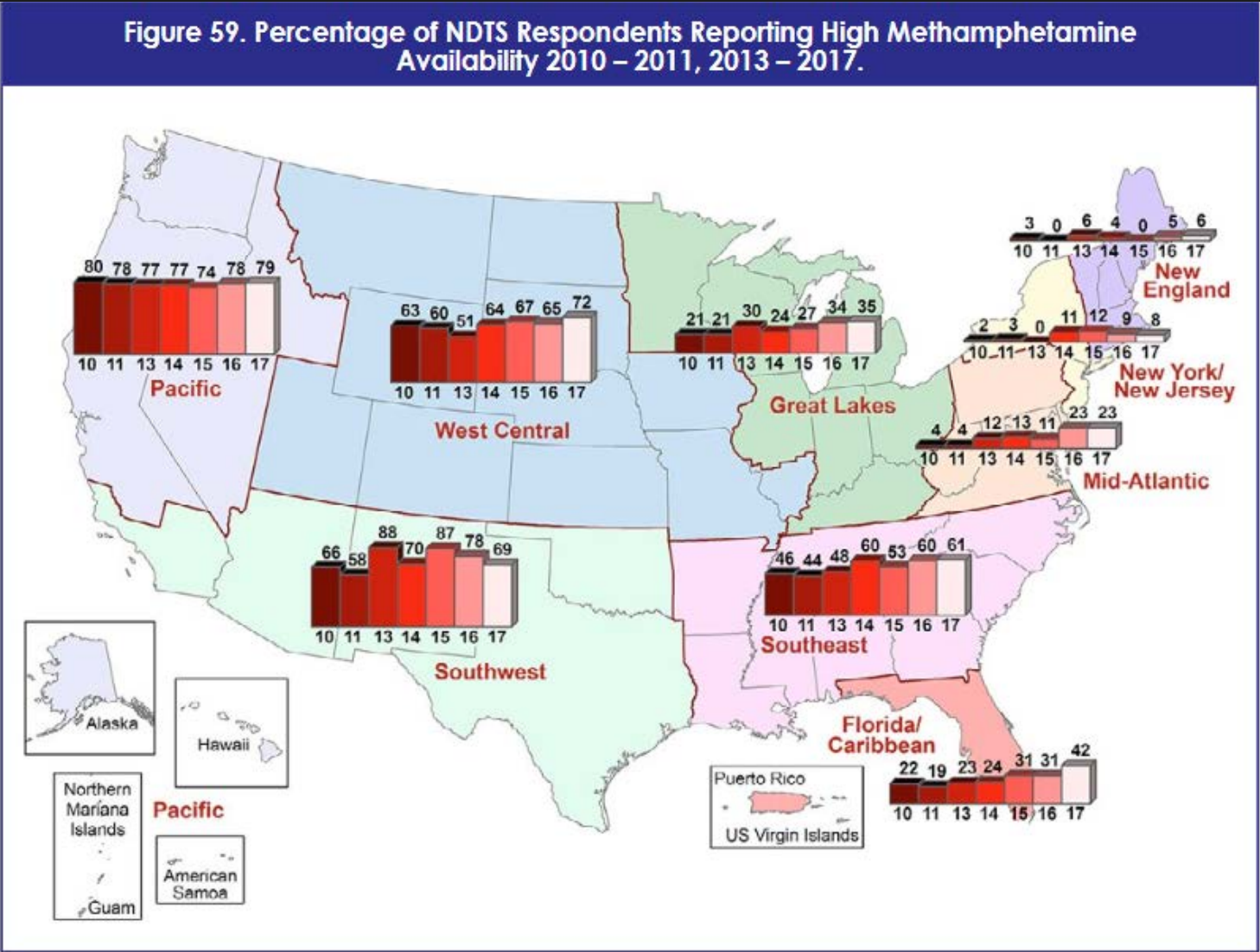


# METHAMPHETAMINE

- General information
  - Chemically manufactured drug
  - Methamphetamine (ice, crank, crystal)
    - white powder, clear, chunky crystals, small tablets
    - oral, injected, or snorted
  - High psychological and physical dependency



# METHAMPHETAMINE



Source: National Drug Threat Survey



# METHAMPHETAMINE

- Methamphetamine has the highest correlation of crime associated with it's use and distribution of all the illicit drugs.
  - Theft, fraud & forgery, robbery



# METHAMPHETAMINE AMOUNTS AND COST

28 grams = 1 ounce

16 ounces = 1 pound

1 kilogram = 2.2 pounds

¼ gram	1 hit	\$25
1 gram	(sugar pkt)	\$100
1 ¾ grams	"Teener"	\$150-200
3 ½ grams	"8 Ball"	\$350-400
½ ounce		\$900-1,100
1 ounce		\$1,500-2,000

Cost is driven by supply and demand as well as by quality, local vs. trafficked in

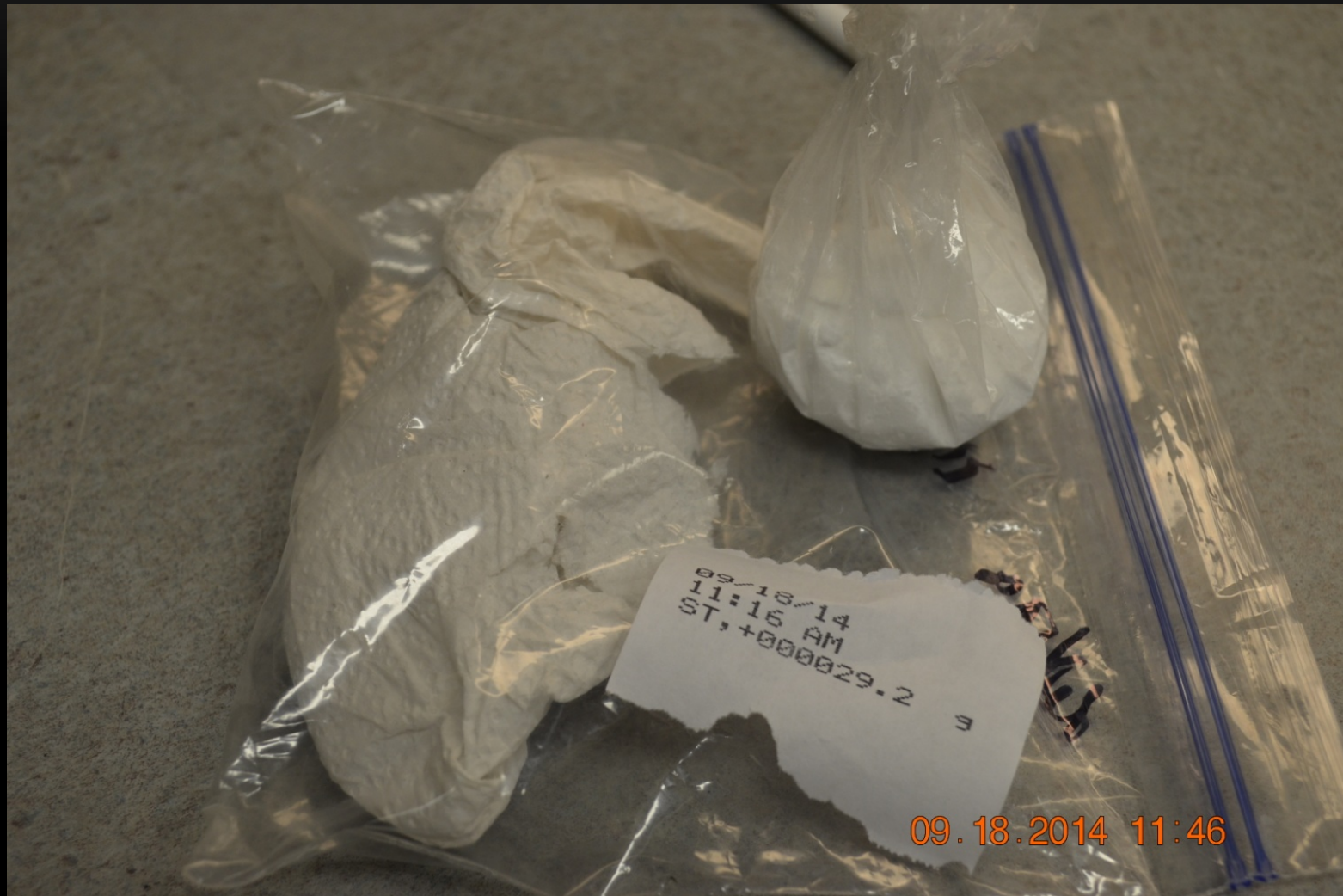


# DISTRIBUTION AND PACKAGING





# DISTRIBUTION AND PACKAGING



# METHAMPHETAMINE ADMINISTRATION ONSET OF EFFECTS

- Smoking (7-10 seconds)
- Injection (7-10 seconds)
- Snorting or sniffing (3-10 minutes)
- Oral Ingestion (10-20 minutes)

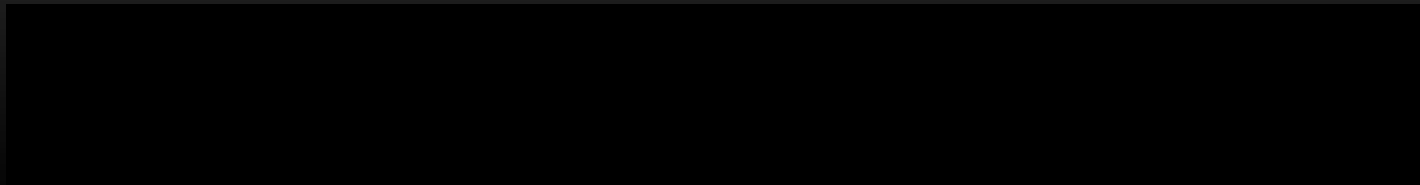


# HOW IS IT USED?

- Smoking

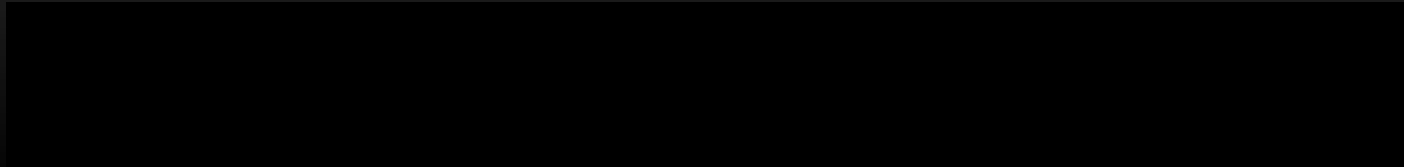


# METH- SMOKING

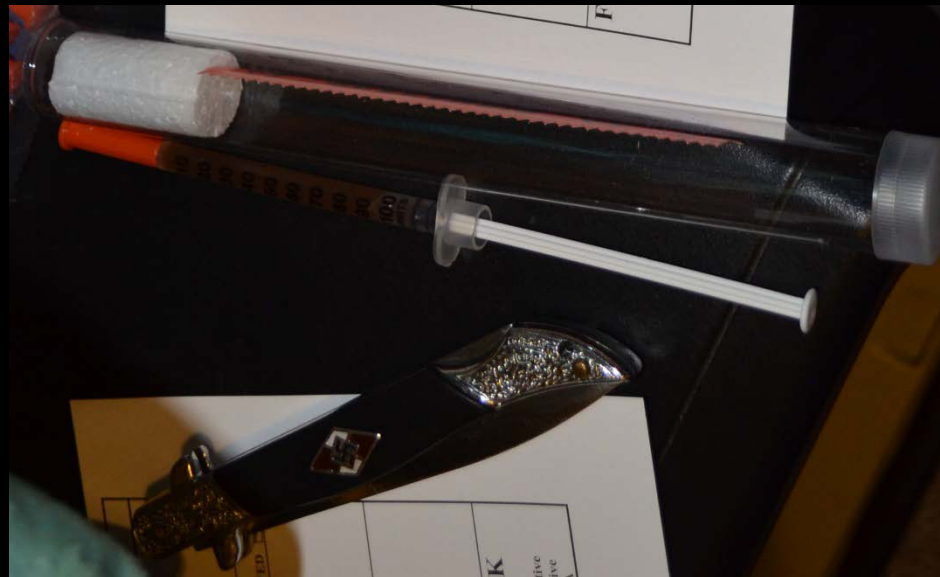




# METH- SHOOTING/SLAMMING/BANGING

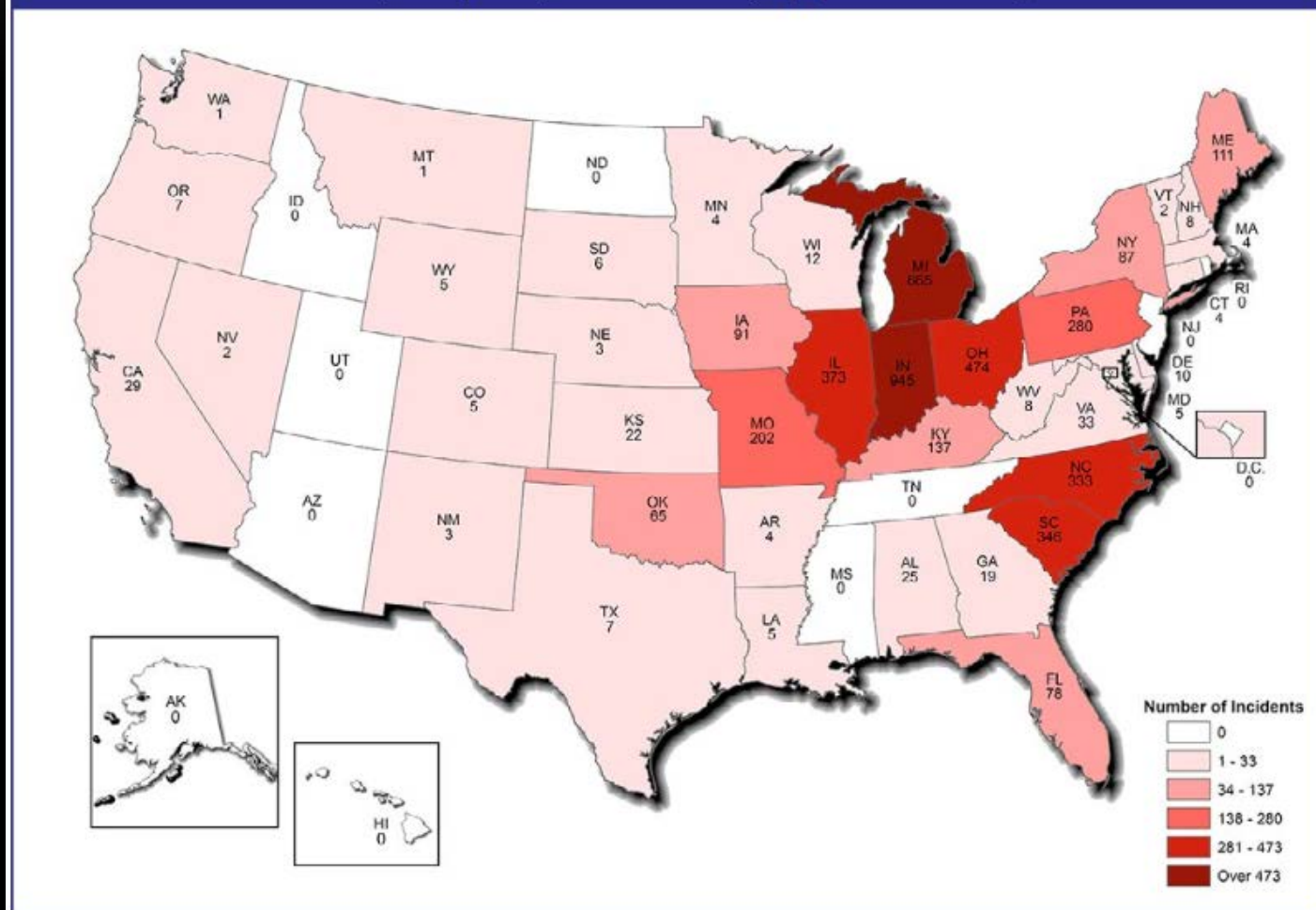


# SHOOTING/SLAMMING/BANGING



# METHAMPHETAMINE LABS U.S.

Figure 70. Total of All Methamphetamine Clandestine Laboratory Incidents Including Laboratories, Dumpsites, and Chemical/Equipment Seizures, CY 2016.

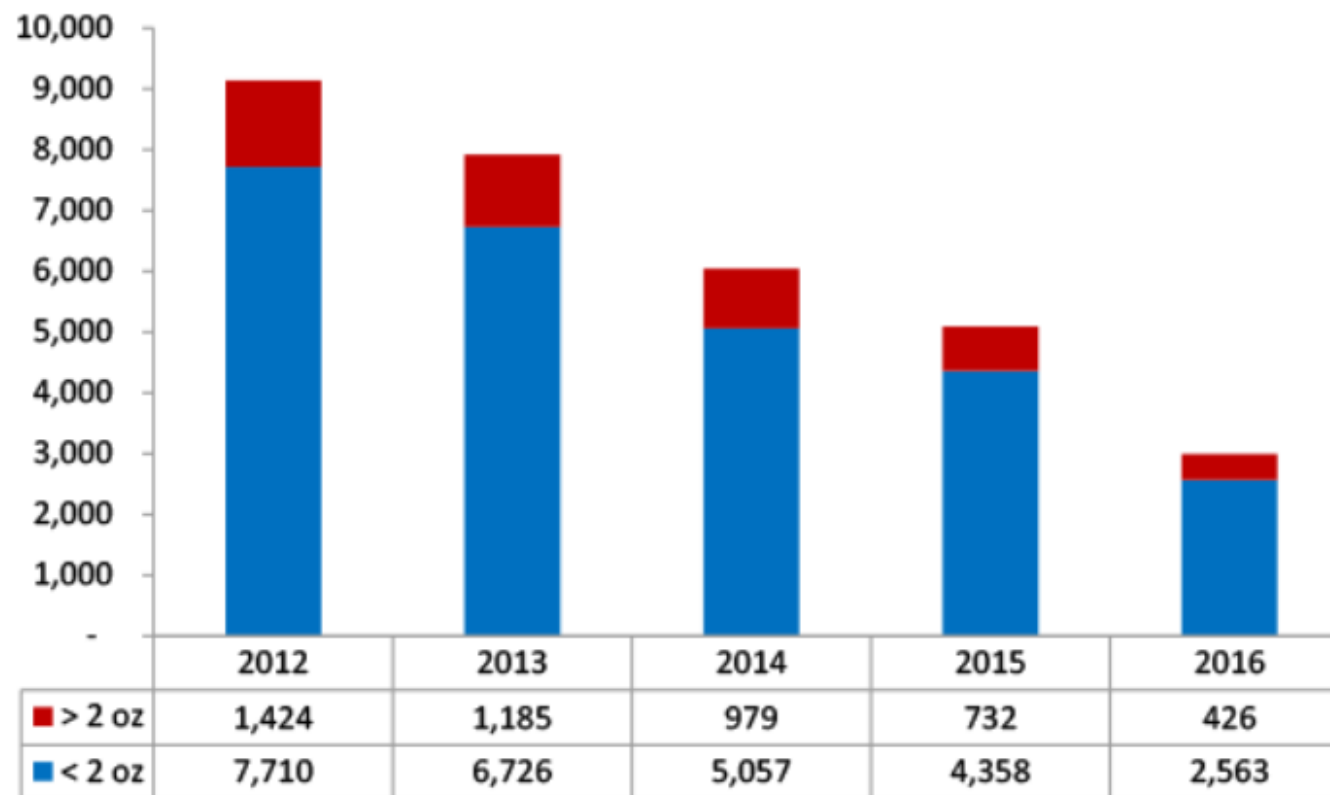


Source: EPIC National Seizure System as of April 2017



# METHAMPHETAMINE LAB SEIZURES U.S.

Figure 69. Number of Methamphetamine Laboratories Seized,  
by Capacity, 2012 – 2016.<sup>30</sup>



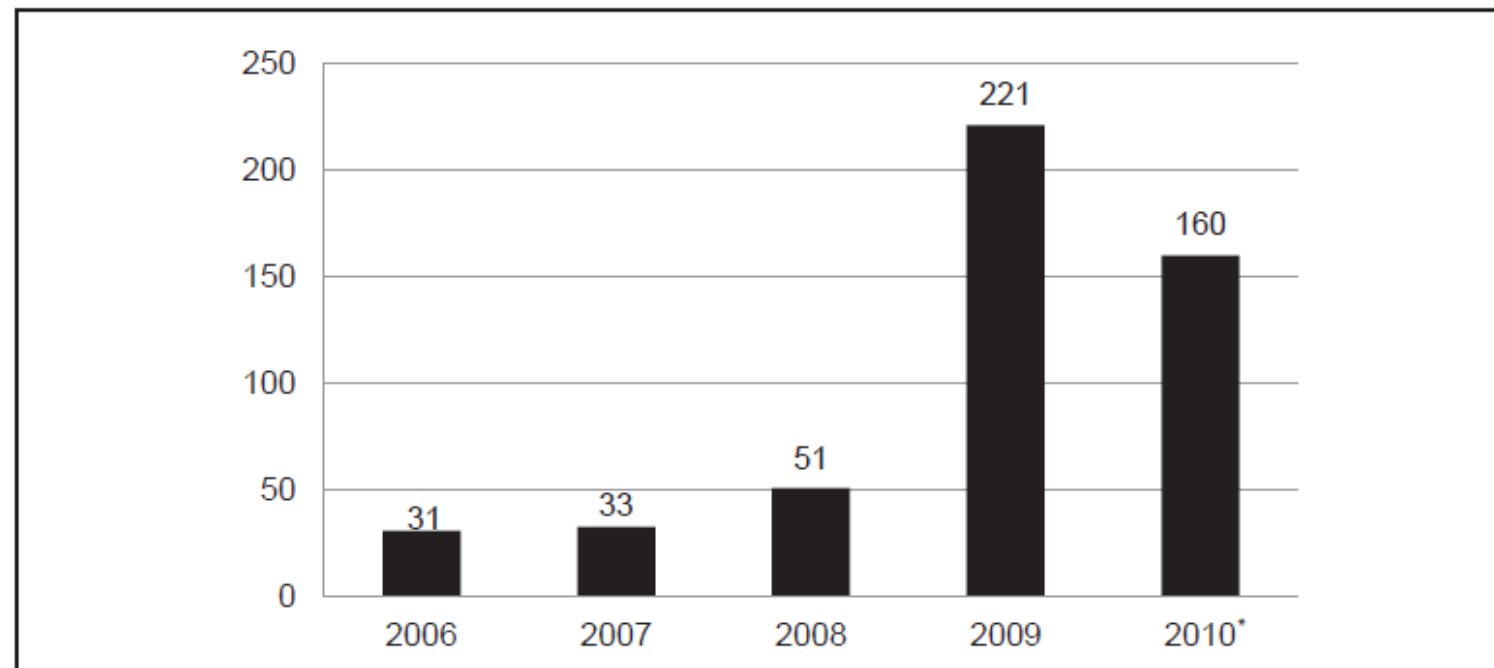
Source: El Paso Intelligence Center/ National Seizure System





# METHAMPHETAMINE LABS MEXICO

**Figure 12. Methamphetamine Laboratory Seizures in Mexico, 2006–2010\***



Source: Secretariat of National Defense, Government of Mexico, through Drug Enforcement Administration.

\*2010 data as of June 1, 2011.



# SMURFING

Store #: 2729 Report Date: 5/21/2009		Corvus Pharmacy System Wal-Mart Pharmacy 10-2729 Pseudoephedrine Summary All Patients		From: 05/21/2009 To: 07/21/2009 1250 EAST MAGNOLIA ST FORT COLLINS CO 80524		
Sold Date	Trans. ID	Patient	Drug	Qty Pkg/Gram Pack Size	DL# OR State ID# /State	Associate Name/In State
5/21/2009 9:03:30 AM	23914	HRDLJCKA, HANOS 437 BAYLOR ST FT. COLLINS, CO 80525 DOB: 1/23/1978	EQ IBP COLD & SINUS TAB	2 / 2.4 48	662109753 CO	GLENDIA C SCHMIDT/ GCSCHME
5/21/2009 9:15:27 AM	23915	SOTH, ELISABETH 3257 KIMPOFISHER CT FT. COLLINS, CO 80528 DOB: 5/13/1960	EQ SUPHED 12HR 120MG TAB	1 / 2.4 20	063520603 CO	GLENDIA C SCHMIDT/ GCSCHME
5/21/2009 9:10:10 AM	23916	HENDON, SUSAN 1408 EPHIG ST FT. COLLINS, CO 80524 DOB: 5/17/1960	EQ SUPHED 12HR 120MG TAB	1 / 2.4 20	042902401 CO	GLENDIA C SCHMIDT/ GCSCHME
5/21/2009 9:23:10 AM	23917	LEE, RACHEL 8923 SMOKE SIGNAL WAY WELLINGTON, CO 80549 DOB: 3/1/1969	PRISMATENE 12.5-200 TAB	1 / 0.75 60	0603226053 NV	GLENDIA C SCHMIDT/ GCSCHME
5/21/2009 10:00:22 AM	23918	PEROTTI, GREGG 1359 KIRKWOOD DR. UNIT #4 FORT COLLINS, CO 80525 DOB: 11/28/1963	EQ SUPHED 12HR 120MG TAB	1 / 2.4 20	000870524 CO	GLENDIA C SCHMIDT/ GCSCHME
5/21/2009 11:00:28 AM	23919	GOFORTH, ROBERT 1757 BEDFORD CR. FT. COLLINS, CO 80526 DOB: 8/28/1953	EQ CETIRIZINE-D 12H TAB.	1 / 2.68 24	930837861 CO	CHERYL A JONES/ CAJONES
5/21/2009 12:01:23 PM	23920	LOGAN, GEORGE 9225 COUNTY RD 19 FORT COLLINS, CO 80524 DOB: 11/21/1961	CLARITIN-D 10-240MG TAB	1 / 2.6 15	106442759 NY	CHERYL A JONES/ CAJONES
5/21/2009 12:03:29 PM	23921	SCHNEIDER, JOANNE 7740 1ST ST WELLINGTON, CO 80549 DOB: 4/24/1949	EQ SUPHEDRINE 30MG TAB	1 / 1.44 48	00522484061 CO	GLENDIA C SCHMIDT/ GCSCHME
5/21/2009 12:14:46 PM	23922	NAVRATIL, DONNA 3405 SHIELD DRIVE FORT COLLINS, CO 80521 DOB: 12/28/1942	SUDAFED 30MG TAB	1 / 1.44 48	00921665026 CO	LESLIE A DAVIS/ LABAVIS
5/21/2009 1:08:06 PM	23923	HORTON, SHIRLEY 1601 N COLLEGE #288 FT. COLLINS, CO 80524 DOB: 12/11/1942	EQ SUPHEDRINE 30MG TAB	1 / 1.44 48	921064900 CO	ALICE R PROCTOR/ ARPROCT
5/21/2009 1:36:01 PM	23924	WHITE, KRISTAL 5468 S. LAM CT FORT COLLINS, CO 80524 DOB: 4/15/1942	EQ IBP COLD & SINUS TAB	1 / 1.2 40	010110387 CO	CHERYL A JONES/ CAJONES

PSEUDOEPHEDRINE LOG BOOK				STORE NAME:	STORE #:
IN RE- COMPLETED BY PURCHASER	92-143-6264	Pharmacist: <i>John Swartz</i>	Pharmacy: <i>Wal-Mart</i>	Pharmacy: <i>Wal-Mart</i>	Pharmacy: <i>Wal-Mart</i>
IN RE- COMPLETED BY PURCHASER	6/1/09	Pharmacist: <i>Richard M. Swartz</i>	Pharmacy: <i>Wal-Mart</i>	Pharmacy: <i>Wal-Mart</i>	Pharmacy: <i>Wal-Mart</i>
<p>NOTE: Section 101 of the Controlled Substances Act states that a person who knowingly or recklessly transfers or distributes a controlled substance to another person, or who knowingly or recklessly transfers or distributes a controlled substance to another person, is guilty of a crime. This log book is to be used to document the transfer of pseudoephedrine to a customer. The log book is to be filled out by the pharmacist or pharmacist-in-charge. The log book is to be kept for a minimum of one year.</p>					

## (LES) Ephedrine and Pseudoephedrine Smurfing

Ephedrine and pseudoephedrine smurfing is a method used by some methamphetamine traffickers to acquire large quantities of precursor chemicals. Methamphetamine producers purchase the chemicals in quantities at or below legal thresholds from multiple retail locations. They often enlist the assistance of several friends or associates in smurfing operations to increase the speed of the operation and the quantity of chemicals acquired. For instance, an October 2007 investigation in Fresno County, California, revealed that a couple conducted daily precursor chemical smurfing operations, soliciting homeless individuals to get into their car and ride from store to store to purchase pseudoephedrine. In exchange, the couple paid each person approximately \$30 and sometimes gave the individuals alcohol. Evidence seized from the couple's vehicle included packages of pseudoephedrine, pharmacy listings torn from an area telephone directory, and several cellular telephones. Ephedrine and pseudoephedrine smurfing has occurred for many years, particularly since retail sales restrictions were implemented nationally in 2006 as required by the Combat Methamphetamine Epidemic Act of 2005. Large-scale smurfing, however, only became common recently when pseudoephedrine availability and methamphetamine production in Mexico decreased, and many methamphetamine producers relocated from Mexico to California.



# MANUFACTURING METHAMPHETAMINE

- Pseudoephedrine (Smurfing)
- Ammonium Nitrate (Cold Packs)
- Coleman Fuel
- Lithium batteries
- Sodium Hydroxide (Drain Cleaner)
- Salt
- Sulfuric acid



# ONE POT- FORT COLLINS



# COCAINE

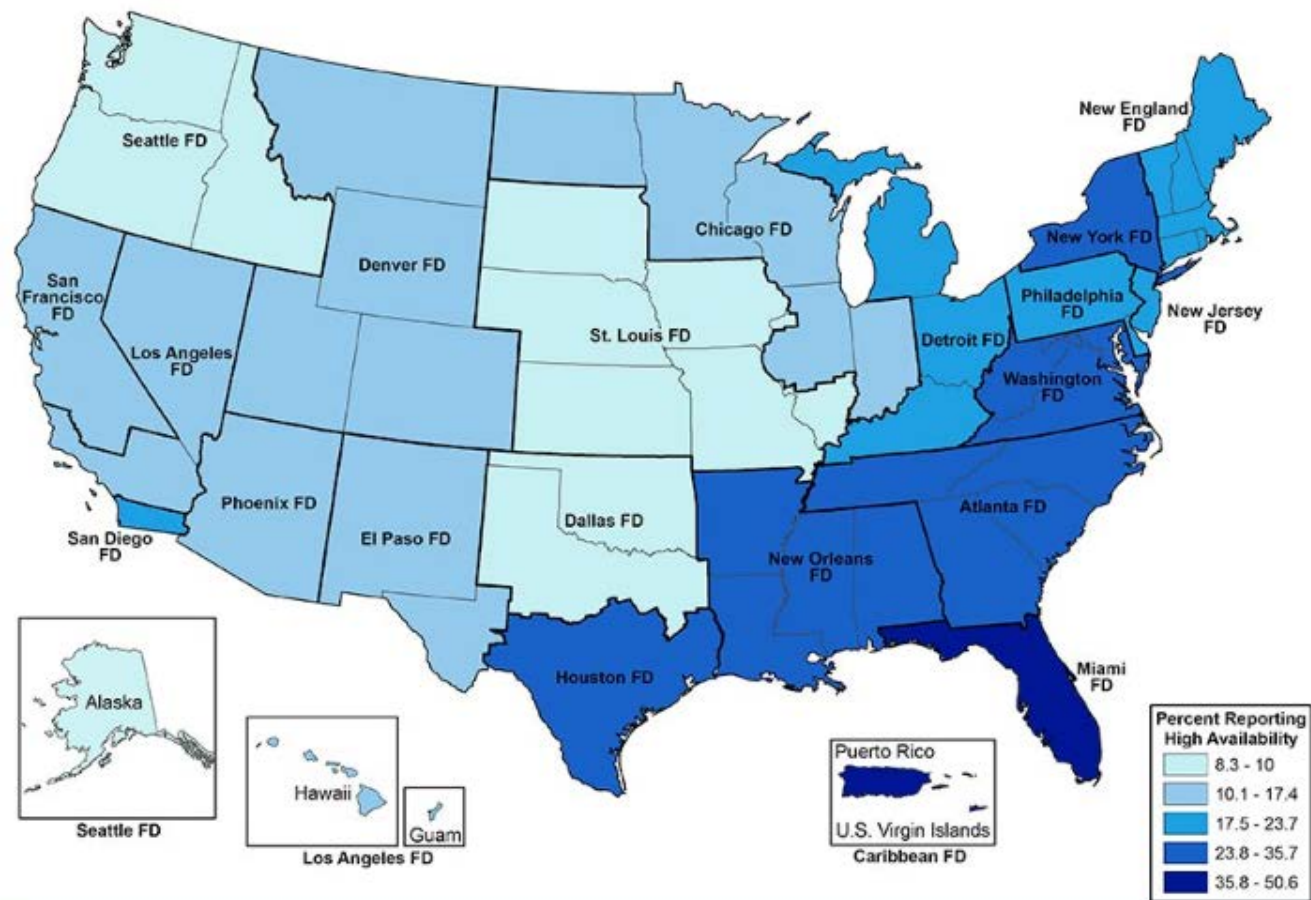
- General information
  - Central Nervous System (CNS) stimulant
    - "Upper"
  - 1.9 million Americans currently use cocaine
  - 359,000 used crack in last 30 days
  - Cocaine is a white crystalline powder derived from the coca plant
  - Powder cocaine is snorted or injected
    - Effects felt within minutes; lasts 40-50 minutes/line





# COCAINE

Figure 87. Percentage of NDTs Respondents Reporting High Cocaine Availability, 2017.

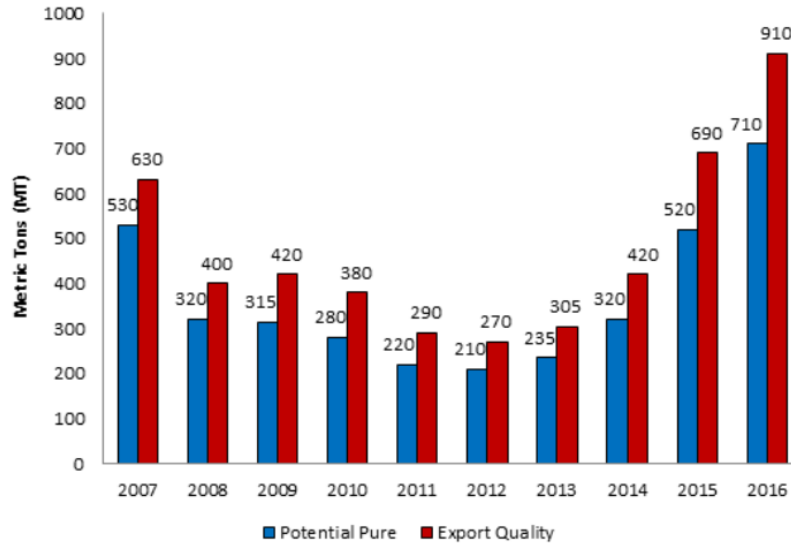


Source: DEA



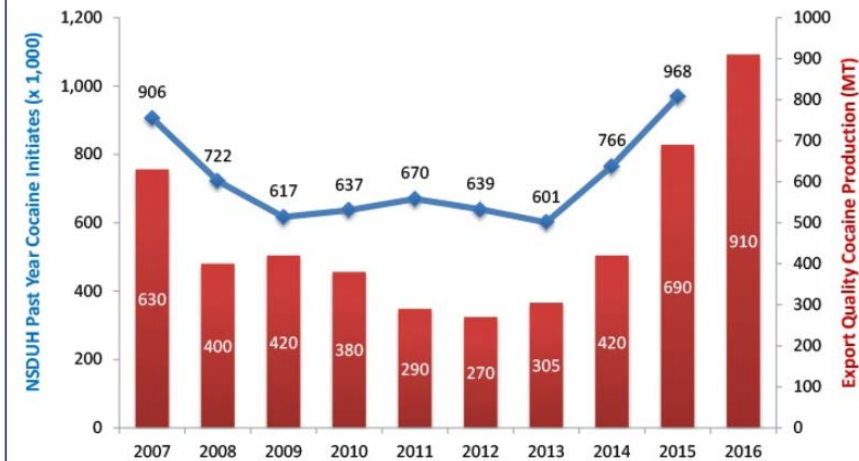
# COCAINE

Figure 93. Colombian Cocaine Production, 2007- 2016.



Source: U.S. Government estimates

Figure 90. Past Year Cocaine Initiates and Export Quality Cocaine Production, 2006-2016.



Source: National Survey on Drug Use and Health and DEA



# COCAINE

- In our community, the availability of cocaine has slightly increased as the cost of methamphetamine has increased.
- Cocaine used more in the college demographic. More socially accepted than methamphetamine.
- Crime correlation is not as high.



# COCAINE

- Use in our community is more recreational.
- Crack cocaine is not as prevalent as in other cities although it is present.



# MDMA "ECSTASY"





# SPICE

- K2 a.k.a. "Spice," "Genie," or "Zohai" are the best known brand names for synthetic cannabis, a herbal and chemical product which mimics the effects of marijuana.



# SYNTHETIC DRUGS- WHAT ARE THEY?

- Chemicals sprayed onto any plant substance that bind to the cannabinoid receptors in the body triggering physiological and psychological responses. (Beware though we are seeing this stuff in liquid and capsule form)
- They were originally created by a scientist, Dr. Huffman, to research the effects of cannabinoids on the brain.
- There are hundreds of different synthetic cannabinoids having different chemical compound structures and different potency.



# COMMON NAMES

- Genie, K2, Skunk, Spice Diamond, Spice Gold, Spice Silver, Yucatan Fire, Zohai, K3 Spice, Pep Spice, Black Mamba, Dragon, Bombay Blue, Skunk, Blaze, Red X Dawn.
- Beware, the names change frequently and the product may not have any name on it.





# ARE THEY LIKE THC?

- Only in that they bind to the cannabinoid receptors in the body and may have chemical structures similar or somewhat similar to THC.
- Do not be misled, this stuff is in no way like THC other than binding to the receptors. You should refrain from calling it synthetic marijuana that may send a message that it's not so bad.
- These drugs bind much more tightly to the cannabinoid receptors than THC; these drugs, unlike THC, fully activate the cannabinoid receptors.
- Drug dependence is much more common among users of Spice evidenced by severe withdrawal symptoms similar to those experienced by users of heroin or meth.





# SYNTHETIC DRUGS

CBI Confirmed Synthetic Cannabinoid and Cathinone	
February 2012	
Spreadsheet Key	
Confirmed Synthetic Cannabinoid (Spice)	Illegal Colorado and Federal (Charges)
Confirmed Synthetic Cathinone (Bath Salts)	Illegal Federal (Seize & Destroy)
Confirmed Ecstasy	Illegal Colorado and Federal (Charges)
Unconfirmed or Unknown	
BRAND NAME, LOGO, OR DESCRIPTION	Drug(s) Found
ORIGINAL FRANKY	AM2201
2,5-DIMETHOXY-4-iodophenethylamine	
AROMACHOLOGY	
AROMACHOLOGY	4-METHYL-ALPHA-PYRROLIDINOPROPIOPHENONE
AROMACHOLOGY	MPPP
B-2	NOT ANALYZED YET
BAG WITH BLACK IRON CROSS	MEPHEDRONE (4-METHYLMETHCATHINONE OR 4-MMC)
BAG WITH BLACK IRON CROSS	MEPHEDRONE (4-METHYLMETHCATHINONE OR 4-MMC)
BAG WITH BLACK IRON CROSS	MEPHEDRONE (4-METHYLMETHCATHINONE OR 4-MMC)
BIG BANG	suspected Kratom (PLANT MATERIAL)
BLACK MAGIC	JWH-122
BLACK MAMBA	JWH-203 & JWH-122
BLACK MAMBA	AM-2201
BLACK MAMBA	JWH-203 & JWH-122
Black Mamba	JWH-122
BLACK MAMBA GOLD SERIES	AM-2201
BLACK MAMBA GOLD SERIES	JWH-203
BLUE LIQUID - NO LOGO	
BLUE SILK	NOT ANALYZED YET
BLUEBERRY	JWH-250, AM-2201, JWH-081
Blys Pan-Asian Kratom	mitragynine (NON-CONTROLLED NARCOTIC)
CARIBBEAN DREM	AM-2201
CLEAR CAPSULE	MEPHEDRONE (4-METHYLMETHCATHINONE OR 4-MMC)
CLEAR CAPSULE	MEPHEDRONE (4-METHYLMETHCATHINONE OR 4-MMC)
CLEAR CAPSULE	MEPHEDRONE (4-METHYLMETHCATHINONE OR 4-MMC)
CLEAR CAPSULE	MEPHEDRONE (4-METHYLMETHCATHINONE OR 4-MMC)
COLORADO CHRONIC	4-METHYL-ALPHA-PYRROLIDINOPROPIOPHENONE
COLORADO CHRONIC	AM-2201, JWH-210
COLORADO CHRONIC	MPPP
DA PIMP BOMB	suspected Kratom (CAPSULES)
DAYLIGHTS	NOT ANALYZED YET
DEAD MAN WALKING	AM-2201
EIGHT BALLZ	NOT ANALYZED YET
EINSTEIN	AM-2201
FUNKY MONKEY 20X	AM-2201
FUNKY MONKEY	AM-2201
FUNKY MONKEY	AM2201
Funky Monkey Black Label	AM2201
FUNKY MONKEY XXXX	JWH-250 & JWH-081
GELCAPS - NO LOGO	METHYLONE
GREEN TABLETS WITH SHIELD IMPRINT	METHYLONE
Happee Gro	Methylone
HAPPY TIGER STICKY STRAWBERRY BREEZE	JWH-122
JAR WITH YELLOW SURPRISED FACE STICKER AND A RED HEART STICKER	MEPHEDRONE (4-METHYLMETHCATHINONE OR 4-MMC)
JUNGLE BOOGIE	AM-2201 & JWH-210
K-2 SEX	5-MeO-DALT, JWH-122, JWH-210, JWH-081
K-2 SKY	5-MeO-DALT, JWH-122, JWH-210
K-2 SKY PREMIUM	AM2201
K2 Super Kush	JWH-018
LOCO-MOTION BATH SALTS (POWDER)	MDPV

BRAND NAME, LOGO, OR DESCRIPTION	Drug(s) Found
MAENG DA	suspected Kratom (PLANT MATERIAL)
MAYAN DREAM	suspected Kratom (HASH APPEARANCE)
MEGABITCH POTPOURRI	AM-2201
MELLOW	NOT ANALYZED YET
no brand	METHYLONE
no brand name	JWH-250 + JWH-018
NO LABEL	AM-2201
NO LOGO TABLET	BZP
no name - just a blue powder	METHYLONE
none	METHYLONE
NONE	2C-E
NONE	2C-E
NONE	JWH-018
NONE	MEPHEDRONE
NONE	MEPHEDRONE (4-METHYLMETHCATHINONE)
NONE	JWH-018 & JWH-073
NONE	METHYLONE
none - suspected MDAI	
OZ Original	RCS-4 & AM-2201
powder	METHEDRONE (4-METHOXYCATHINONE)
Pump It	PENTEDRONE
Pure Jolly DJ Chalk	METHYLONE
PURE PLANT FOOD	NOT ANALYZED YET
PURPLE LIQUID - NO LOGO	
PURPLE TABLETS WITH PAW IMPRINT	METHYLONE
RED LIQUID - NO LOGO	
ROLEX LOGO TABLET	BZP
ROLEX LOGO TABLET	BZP
ROLEX LOGO TABLET	BZP
SCORPION KING	AM-2201
SCORPION KING	NOT ANALYZED YET
SINGLE TABLET	5-MeO-DIPT
SKEET SKEET	NOT ANALYZED YET
SOARING EAGLE BOTANICALS	?
SPIKE	JWH-122
SUB ZERO	NOT ANALYZED YET
SUSPECTED 2-CI	
SUSPECTED CATHINONES	MDPV
SUSPECTED CATHINONES	MDPV
SUSPECTED CATHINONES	MDPV
SUSPECTED CATHINONES	MDPV
SUSPECTED CATHINONES	MDPV
SUSPECTED JWH-018	
The Senators Choice SB134 Legal	
TRIP	NOT ANALYZED YET
WHITE DEVIL	4-MEC and (4-FLUOROMETHCATHINONE)
WHITE LIGHTENING	NOT ANALYZED YET
WHITE LION	NOT ANALYZED YET
White Rain	MDPV (ORANGE LIQUID SAMPLE)
Wicked XXX herbal potpourri raspberry	JWH-250, AM-2201, JWH-122, RCS-4, JWH-210
XSCAPE	suspected Kratom (CAPSULES)
ZIPLOC BAG WITH "HEAVY D" AND RECLINING	METHYLONE
FEMALE FIGURE	
Ziploc bag with green alien face and off white powder	METHEDRONE (4-METHOXYMETHCATHINONE)
ZIPLOC BAG WITH WHITE POWDER - NO LABEL	METHYLONE
ZOMBIE MATTER DAWN	5-MeO-DALT
	MEPHEDRONE
	NOT ANALYZED YET







# DRUG PARAPHERNALIA AND KIDS

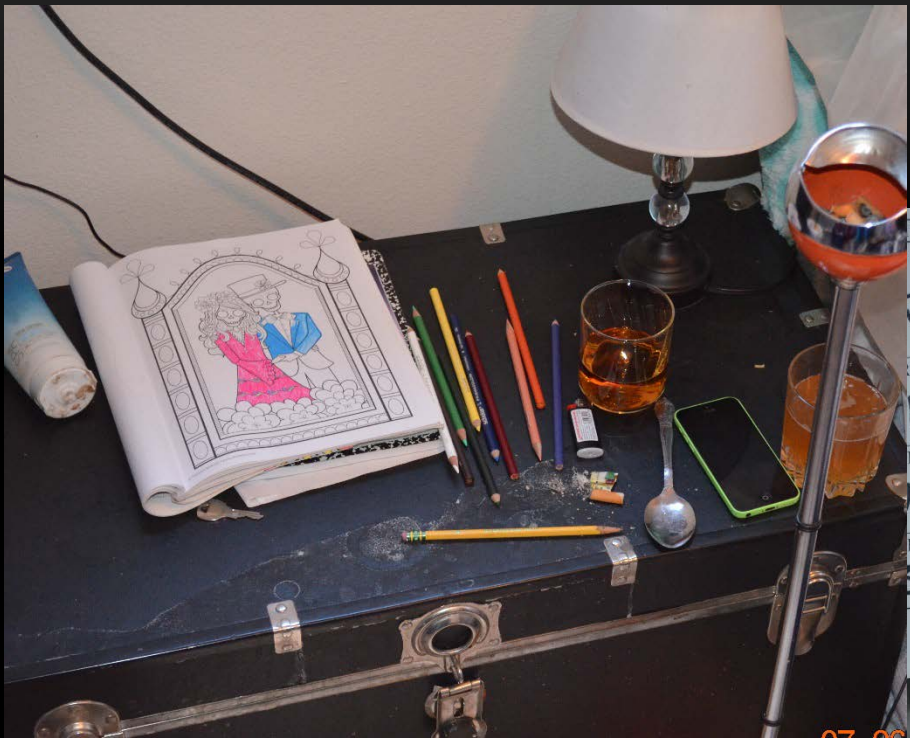




# DRUG PARAPHERNALIA AND KIDS



# DRUG PARAPHERNALIA AND KIDS



NORTHERN COLORADO DRUG TASK FORCE - NCDTF			
CASE	18-118608		
278-23	EVIDENCE <input type="checkbox"/>	SAMPLED <input type="checkbox"/>	DESTROYED <input type="checkbox"/>
DESCRIPTION			
PARAPHERNALIA			
LOCATION FOUND BOX			
ARREST IN BEDROOM #1			
SEARCHED BY	SAMPLED BY	PH	NIK
BERTS			Negative Positive N/A





# NCDTF TRENDS 2018

Marijuana

Hash Oil

Prescription  
Pills

Heroin

Meth

Cocaine

MDMA

Synthetic  
Drugs



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