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**INTER-AMERICAN DRUG ABUSE
CONTROL COMMISSION
CICAD**

Secretariat for Multidimensional Security

**SIXTIETH REGULAR SESSION
November 2-4, 2016
Nassau, The Bahamas**

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Heroin and Fentanyl in the United States



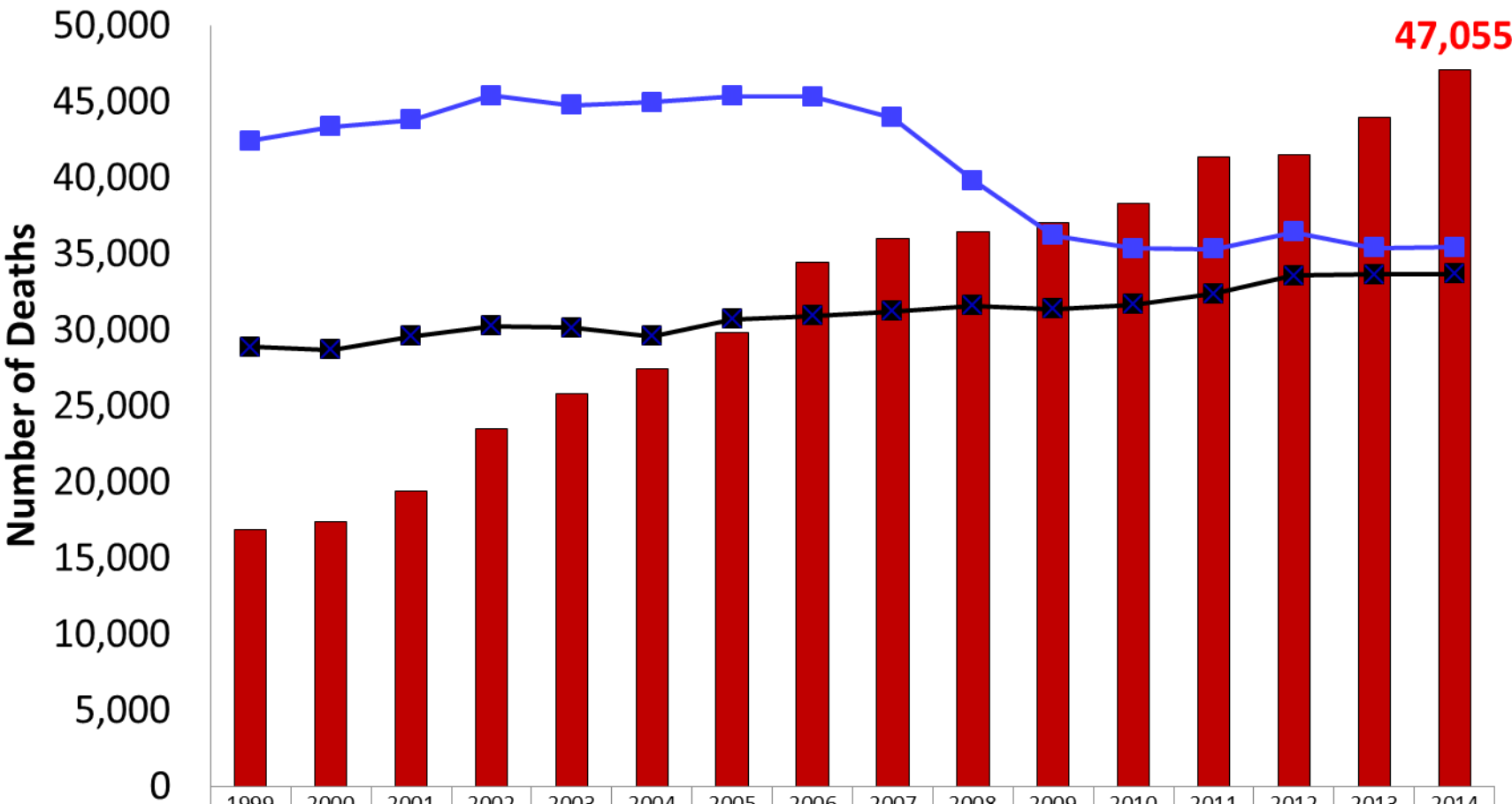
Heroin and Fentanyl in the United States



Antonio Guzman
Associate Section Chief
Synthetic Drugs and Chemicals Section (DOS)



Major Causes of Death from Injury

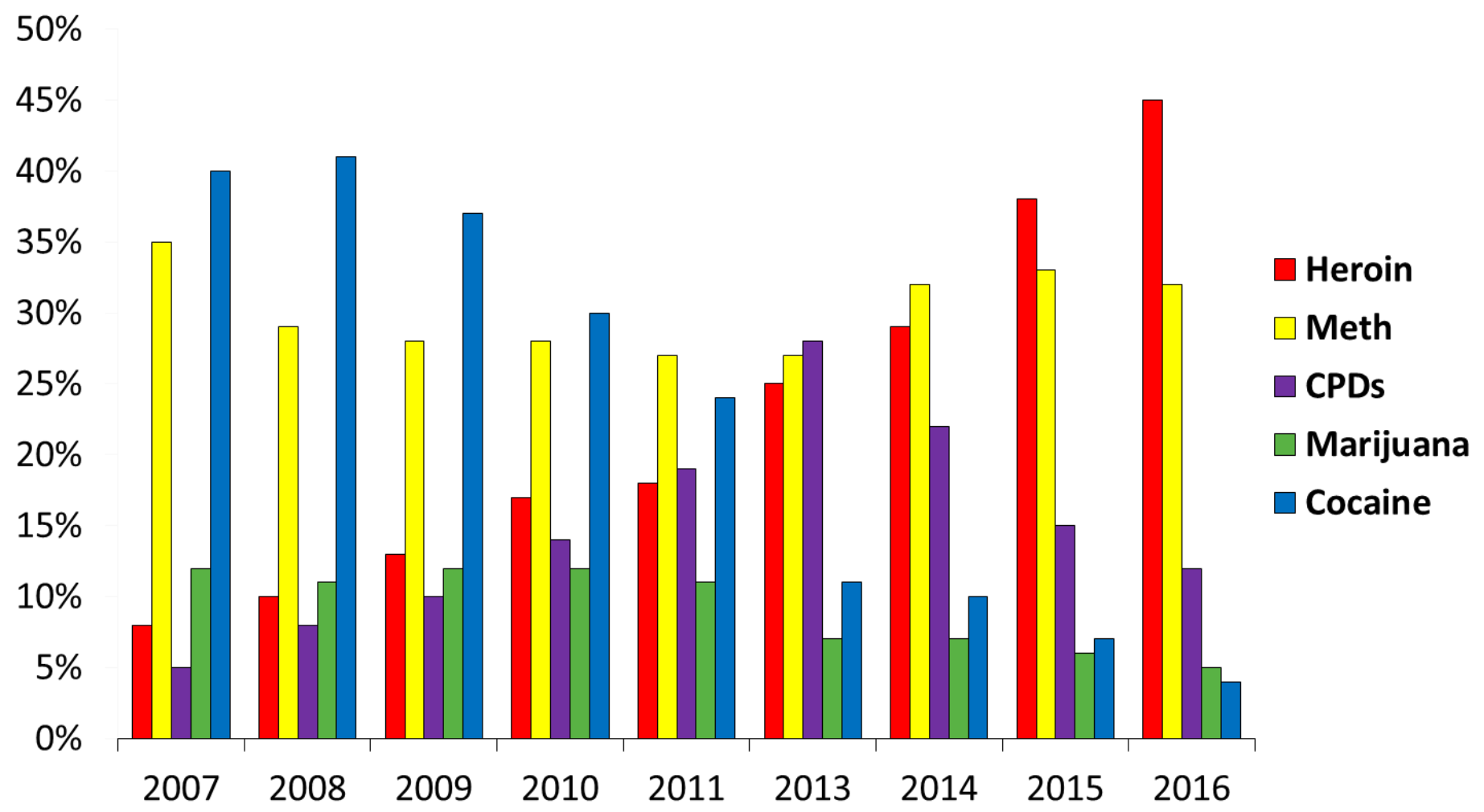


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Drug Poisoning	16,849	17,415	19,394	23,518	25,785	27,424	29,813	34,425	36,010	36,450	37,004	38,329	41,340	41,502	43,982	47,055
Firearms	28,874	28,663	29,573	30,242	30,136	29,569	30,694	30,896	31,224	31,593	31,347	31,672	32,351	33,563	33,636	33,674
MV Crashes	42,401	43,354	43,788	45,380	44,757	44,933	45,343	45,316	43,945	39,790	36,216	35,332	35,303	36,415	35,369	35,398

Source: CDC



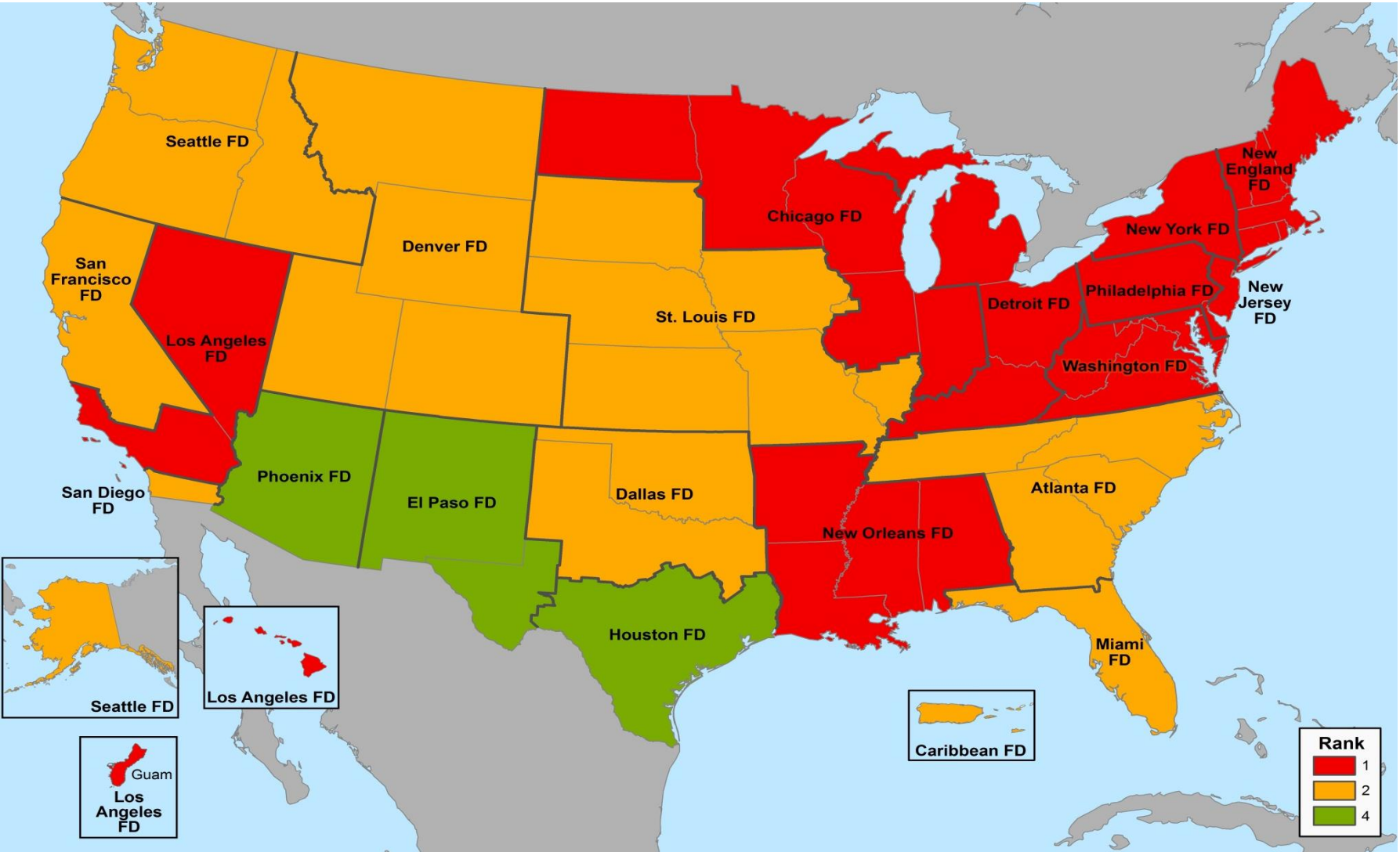
Heroin Threat Increasing



Source: DEA



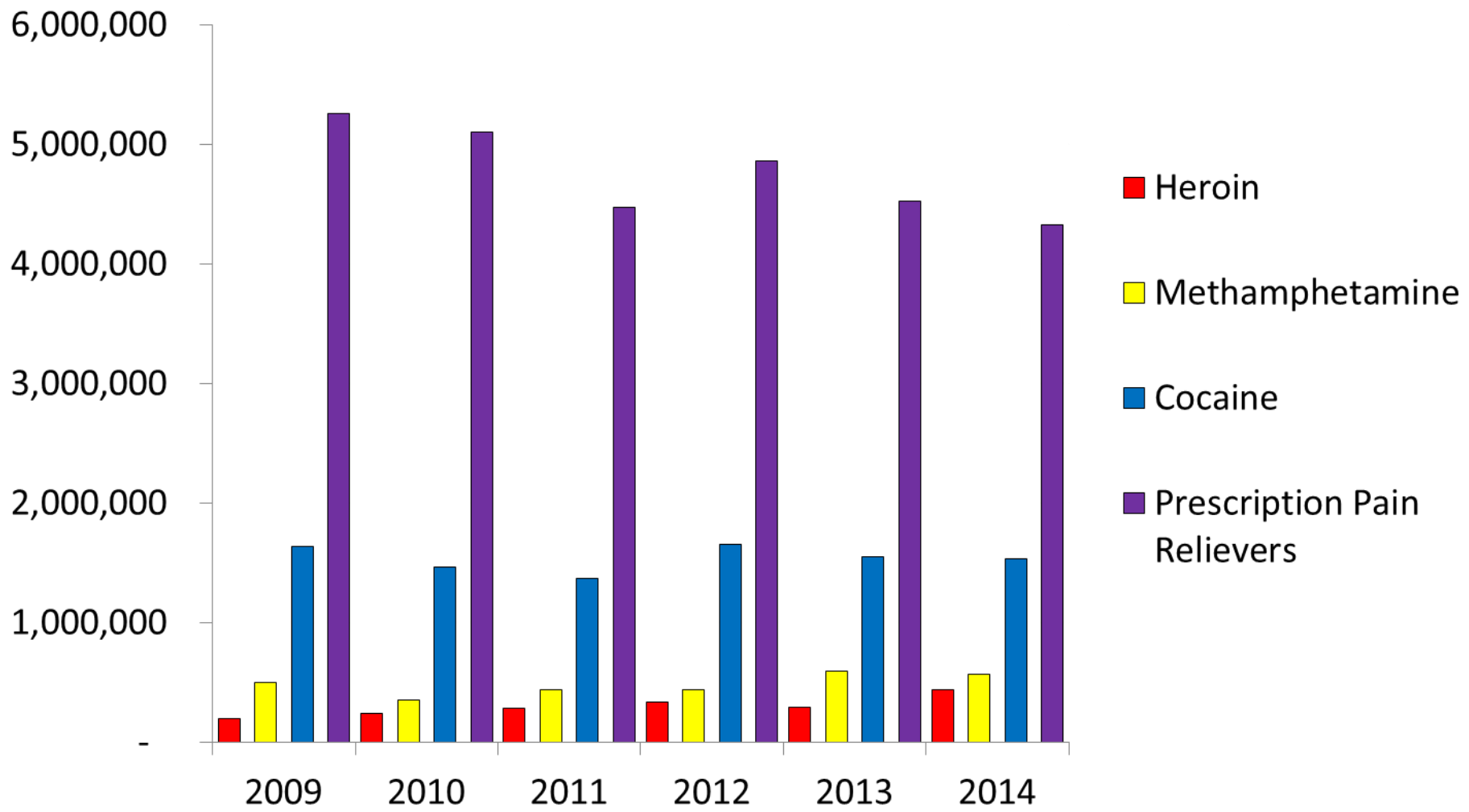
Heroin Threat Increasing



Source: DEA



How does heroin compare to other drugs?

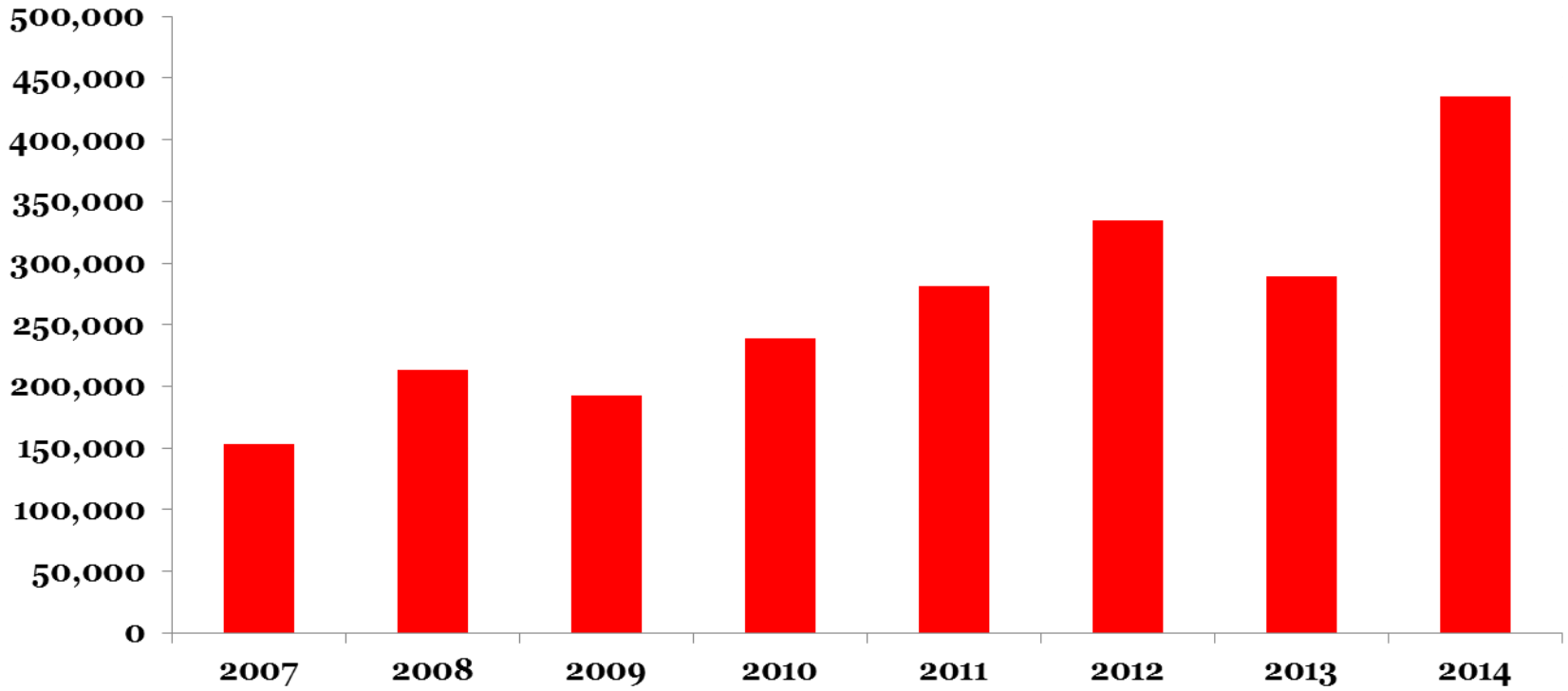


Source: NSDUH



User Population Growing Faster

Current (Past Month) Heroin Users

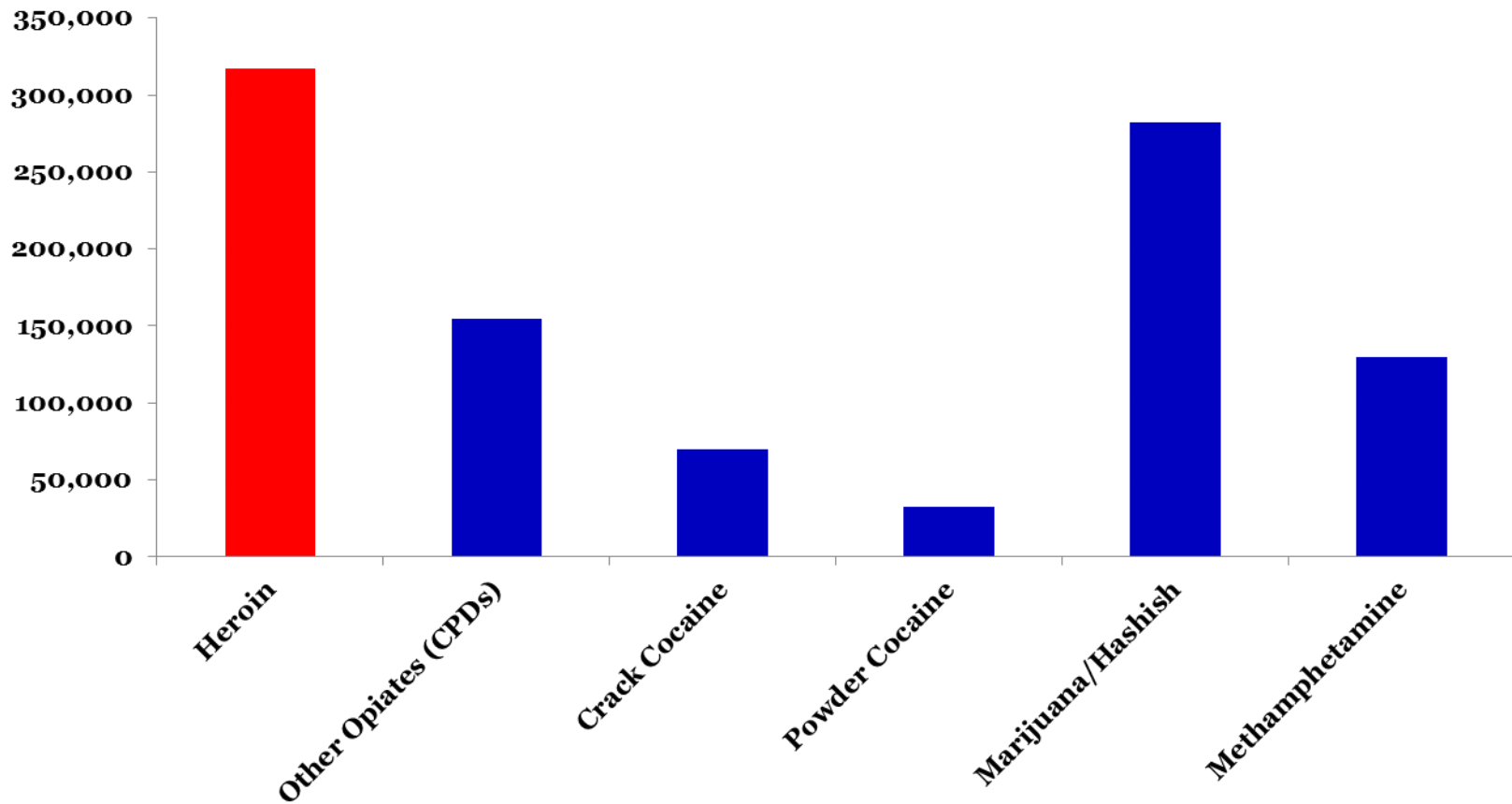


Source: NSDUH



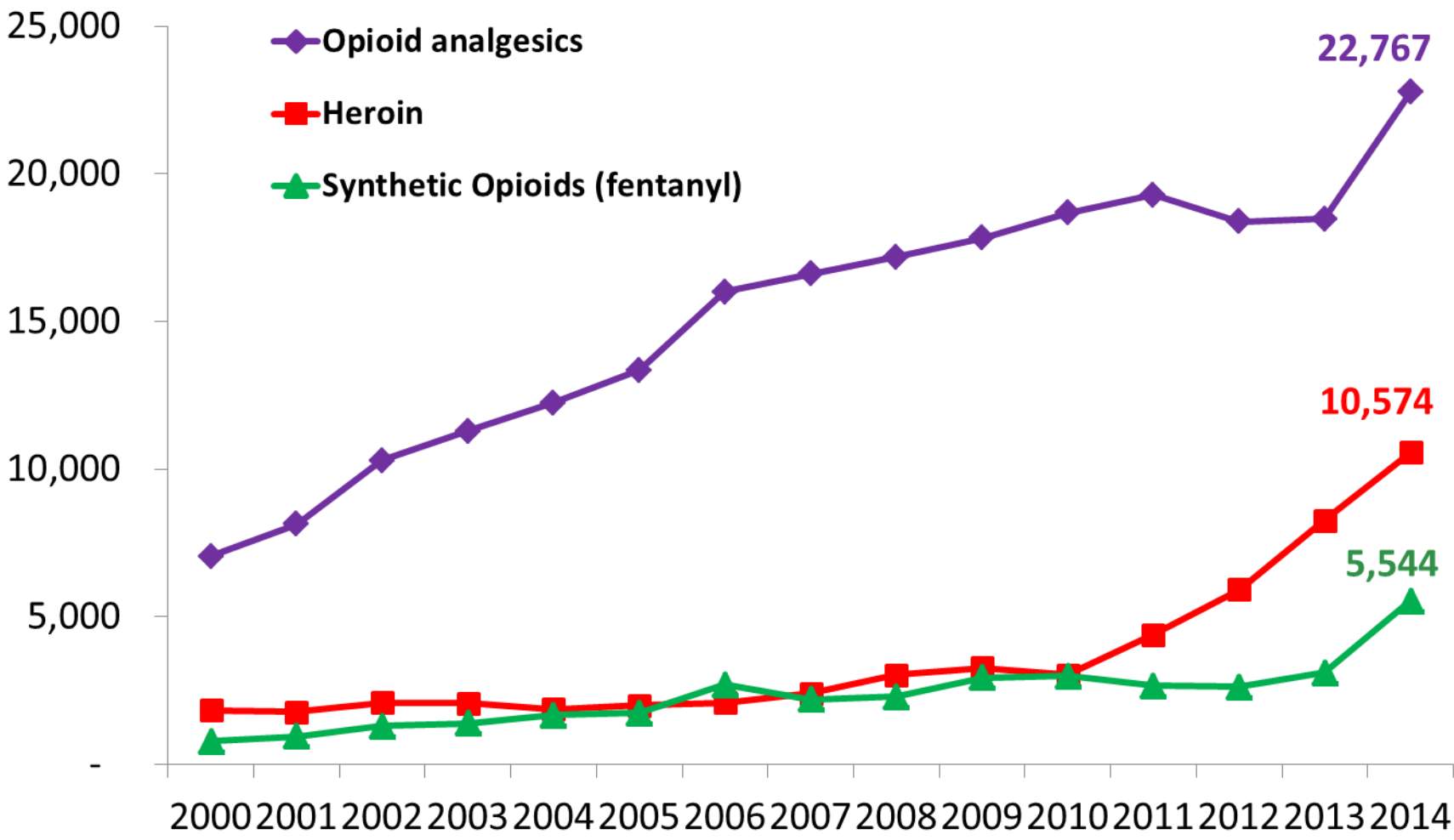
Higher Rates of Treatment

Treatment Admissions to Publicly-Funded Facilities by Primary Drug, 2013





More Deadly to its Population



Source: CDC



Prescription Pain Relievers to Heroin

Contributing to increased demand for heroin

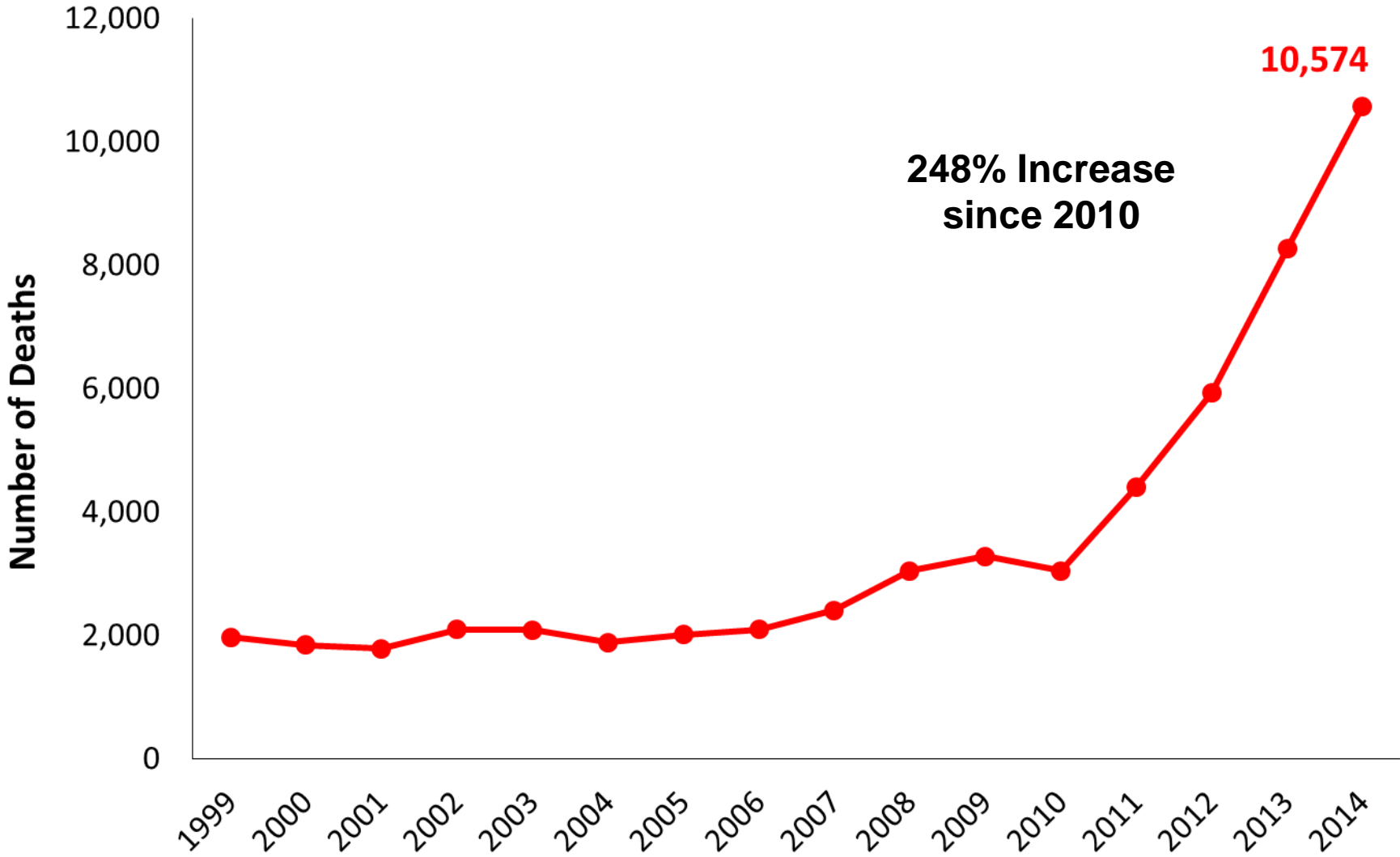
- 19x higher among former CPD abusers
- 80% of new heroin abusers were CPD abusers
- Small number of CPD abusers = large influx of heroin users
- CPD abusers at elevated risk

Reasons

- Price
- Availability
- Tolerance



Overdose Deaths



**248% Increase
since 2010**

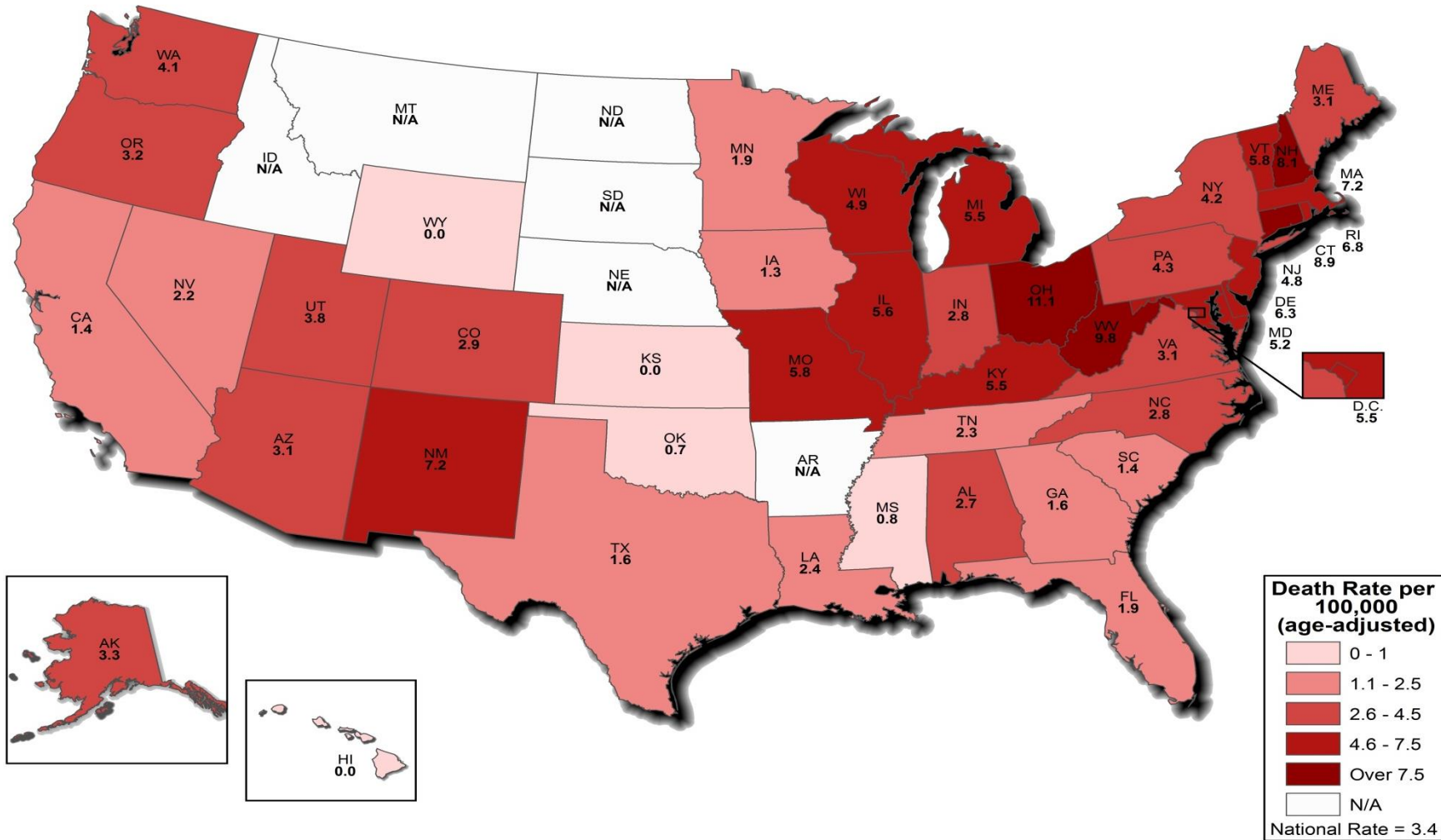
10,574

Source: CDC



Heroin Drug Poisoning Deaths

(Rate per 100,000 population)

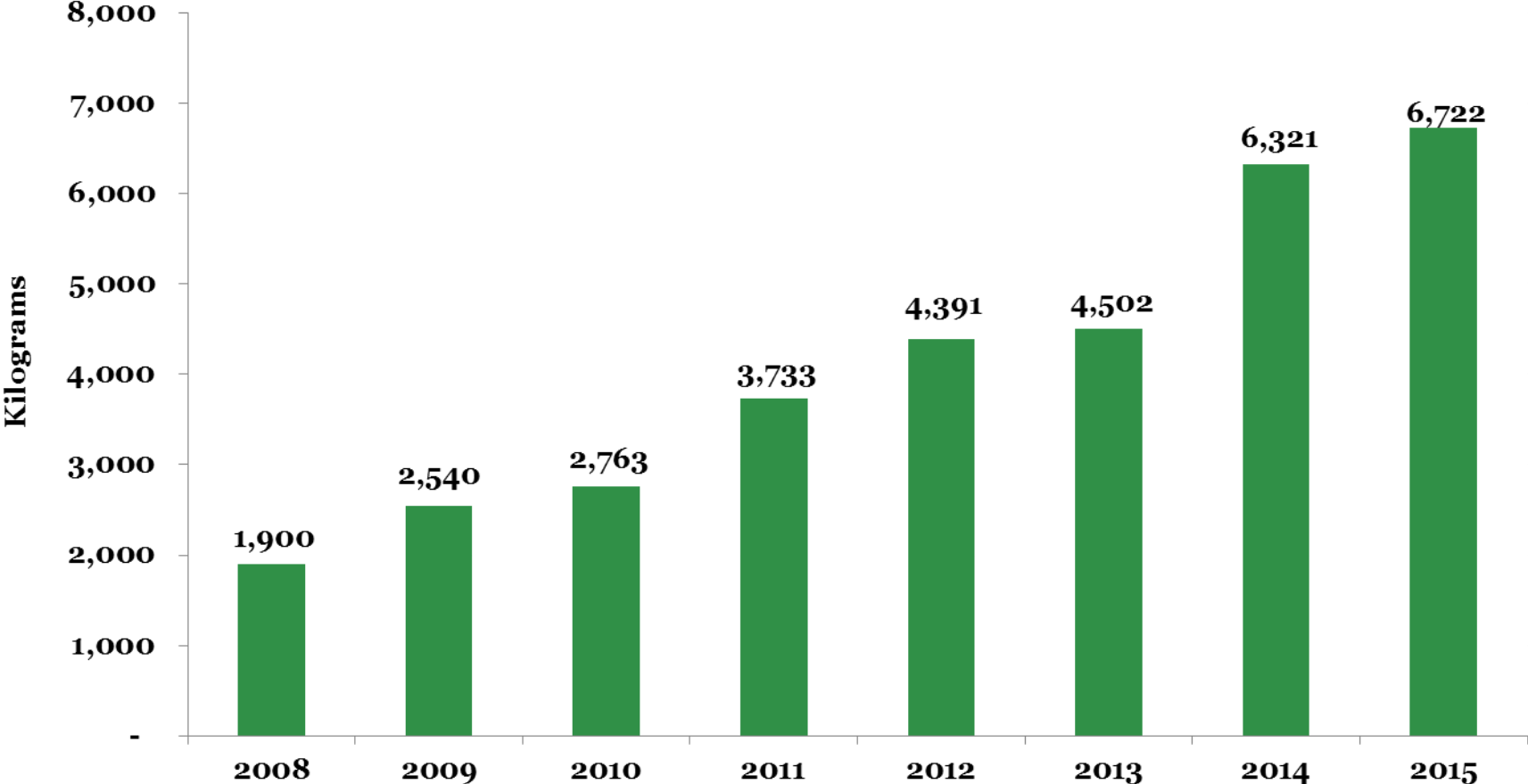


Source: CDC



Availability Increasing

US Heroin Seizures, 2008 - 2015

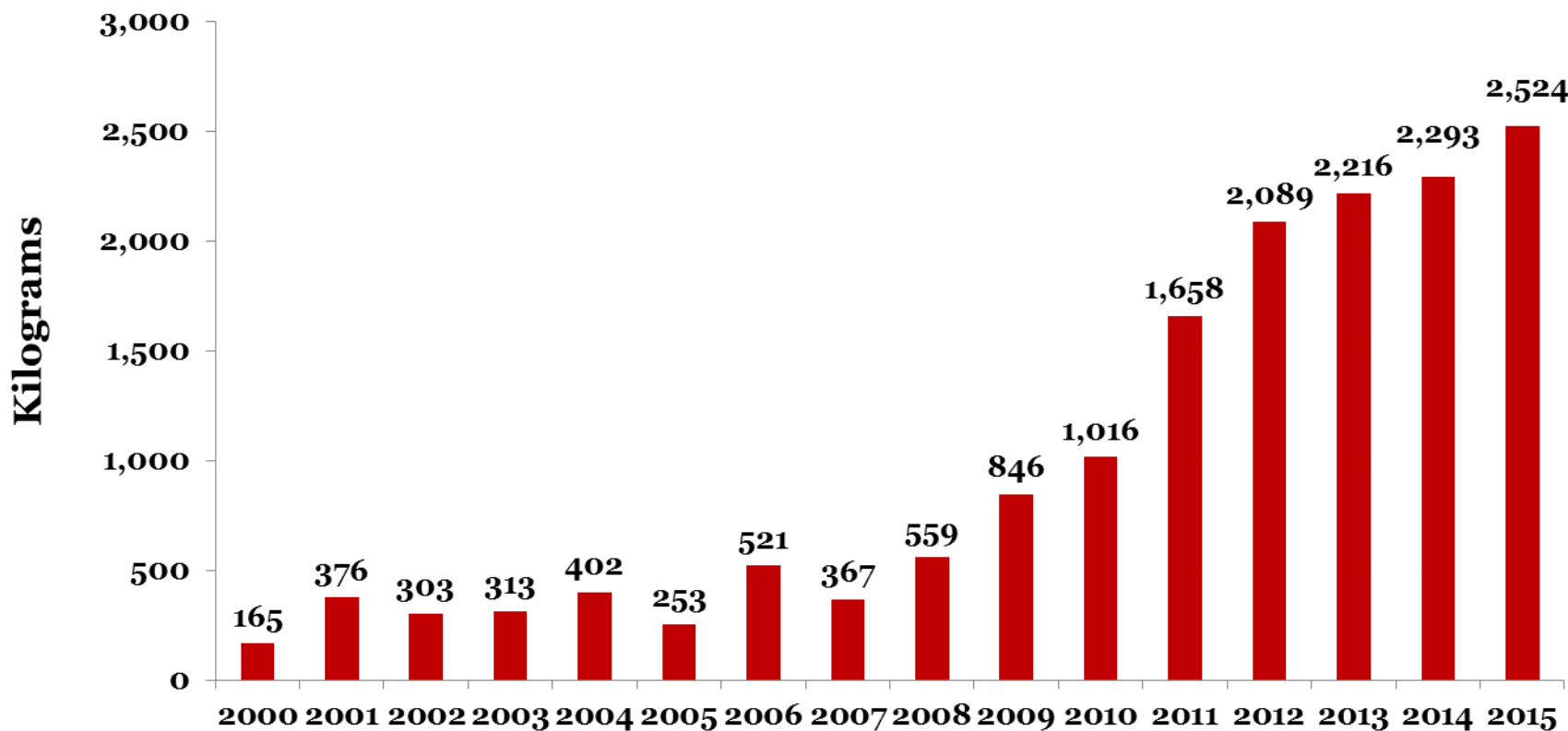


Source: NSS



Heroin at the Southwest Border

Heroin Seizures at the Southwest Border, 2000-2015



Fentanyl

Schedule II synthetic opioid

- Exponentially more potent than heroin

Forms

- White powder
- Counterfeit pills
- Pharmaceutical forms (patches, lozenges)
- Derivatives (“analogs”)

Sources

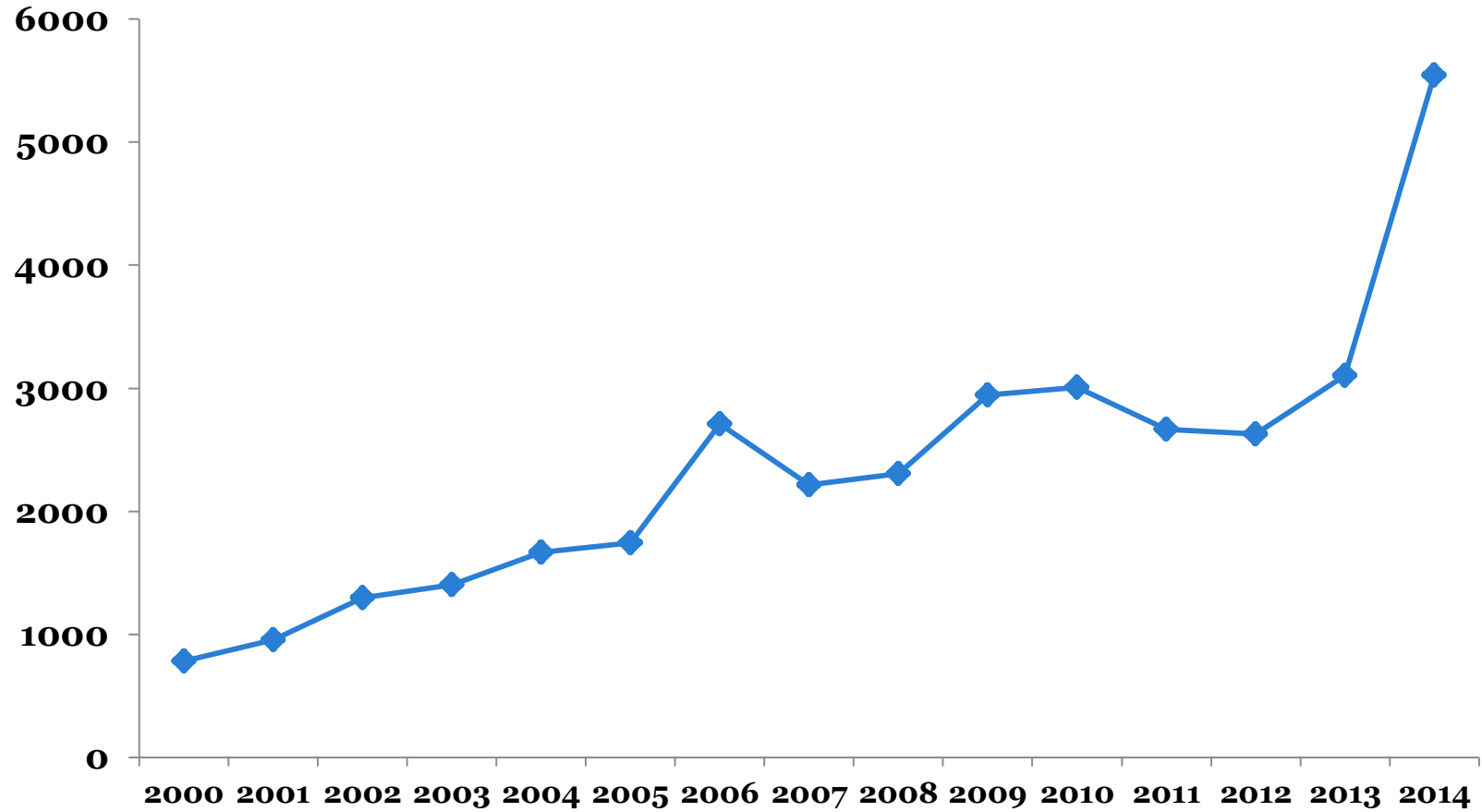
- Through Mexico, also Canada
- Direct from China
- Pharmaceutical Diversion: much smaller scale





Fentanyl Deaths

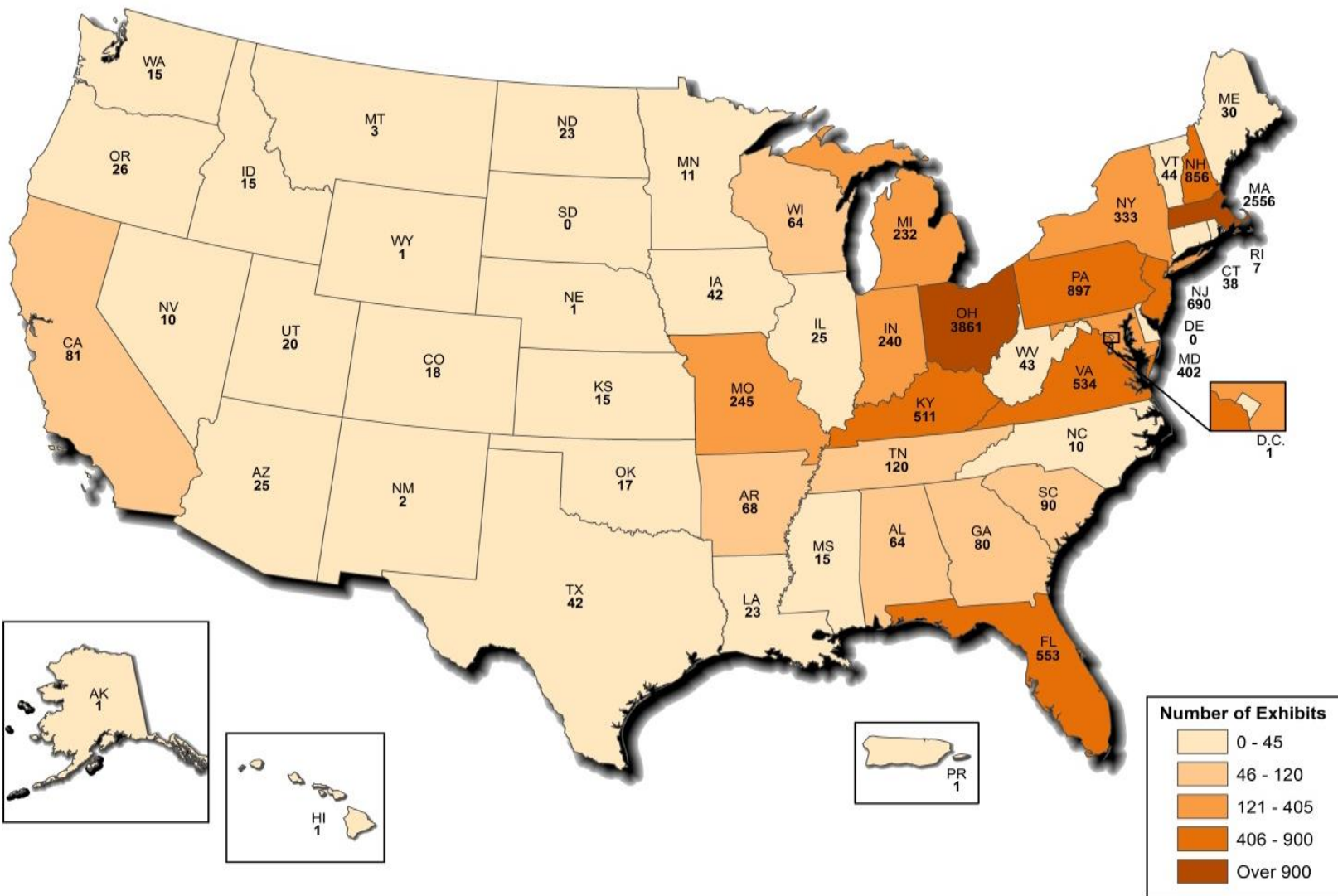
Synthetic Opioid Deaths, 2000 - 2014



Source: CDC



Fentanyl Lab Exhibits by State

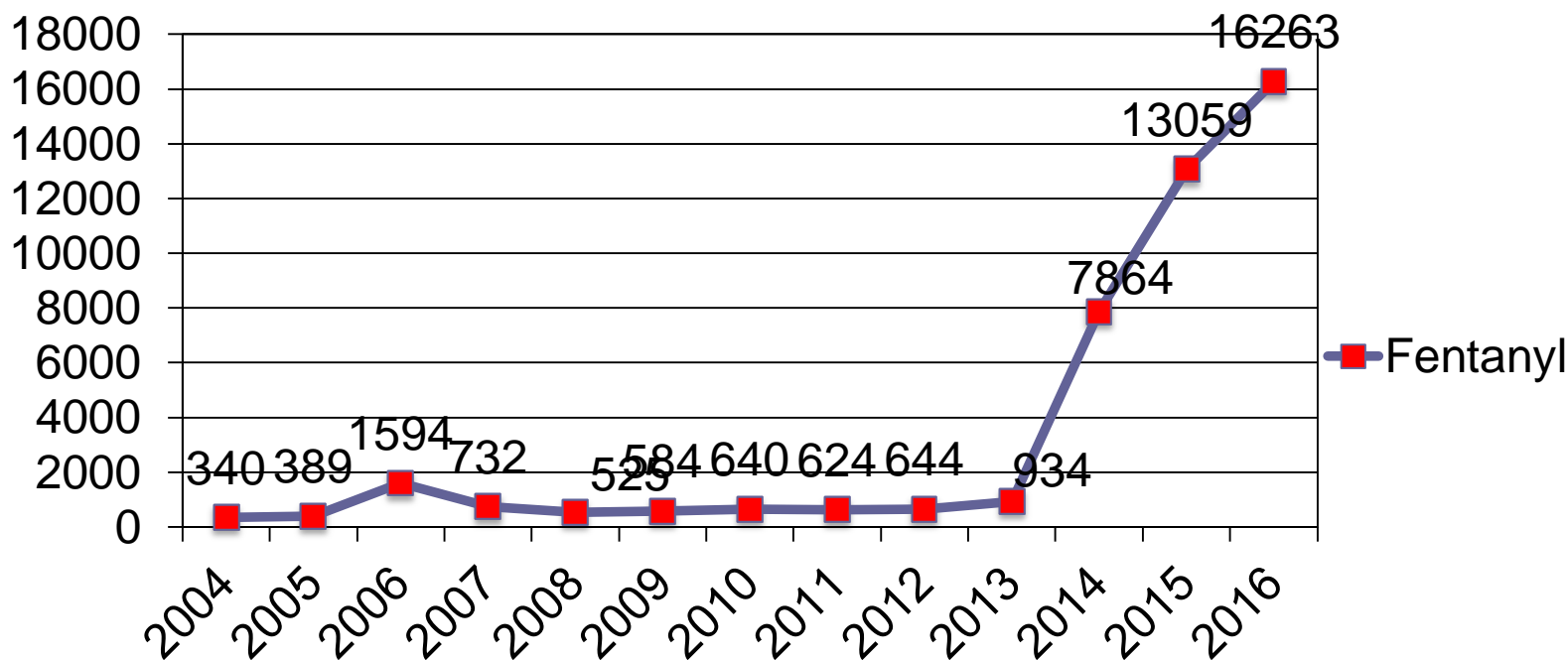


Source: NFLIS



Fentanyl Threat Increasing

Number of Fentanyl and Acetyl Fentanyl Exhibits in NFLIS, 2009-2016(Sept)





Potential Profit With *Minimal* Investment Fentanyl Generates Greater Profits Than Heroin

Drug	Cost Per 1 Kg to DTO	Approximate Number of Kgs Produced	Wholesale Price per Kg in USA	Revenue to DTO from 1 Kg
Heroin	\$6,000 - 7,000	1 kg	\$80,000	\$80,000
Pure Fentanyl (99%)	\$4,200 - 6,000	16-24 kg (4%-6%)	\$80,000	\$1,280,000 - 1,920,000



Potential Revenue Generated from Fentanyl Pill Sales Using One Kilogram of Fentanyl

Amount of fentanyl per pill	Price per pill	Price per pill	Price per pill
	\$10.00	\$15.00	\$20.00
1.5 milligrams (666,666 pills)	\$6.6 million	\$9.9 million	\$13 million
1 milligram (1 million pills)	\$10 million	\$15 million	\$20 million

CARFENTANIL

- Available from web or dark net
- \$600 per 100 grams (as of June)

Relative

- 1kg of Fentanyl HCl = 500,000 fatal doses
- 1kg of Carfentanil HCl= 50,000 ,000 fatal doses



Source: DEA-MIA-BUL-159-16 (June 2016)



We will not arrest/legislate our way out of this problem!!!!

- Enforcement/Regulation is just as important as....
- Prevention/Education
- Treatment



WORKING TOGETHER



TO IMPACT THE HEROIN/FENTANYL THREAT