



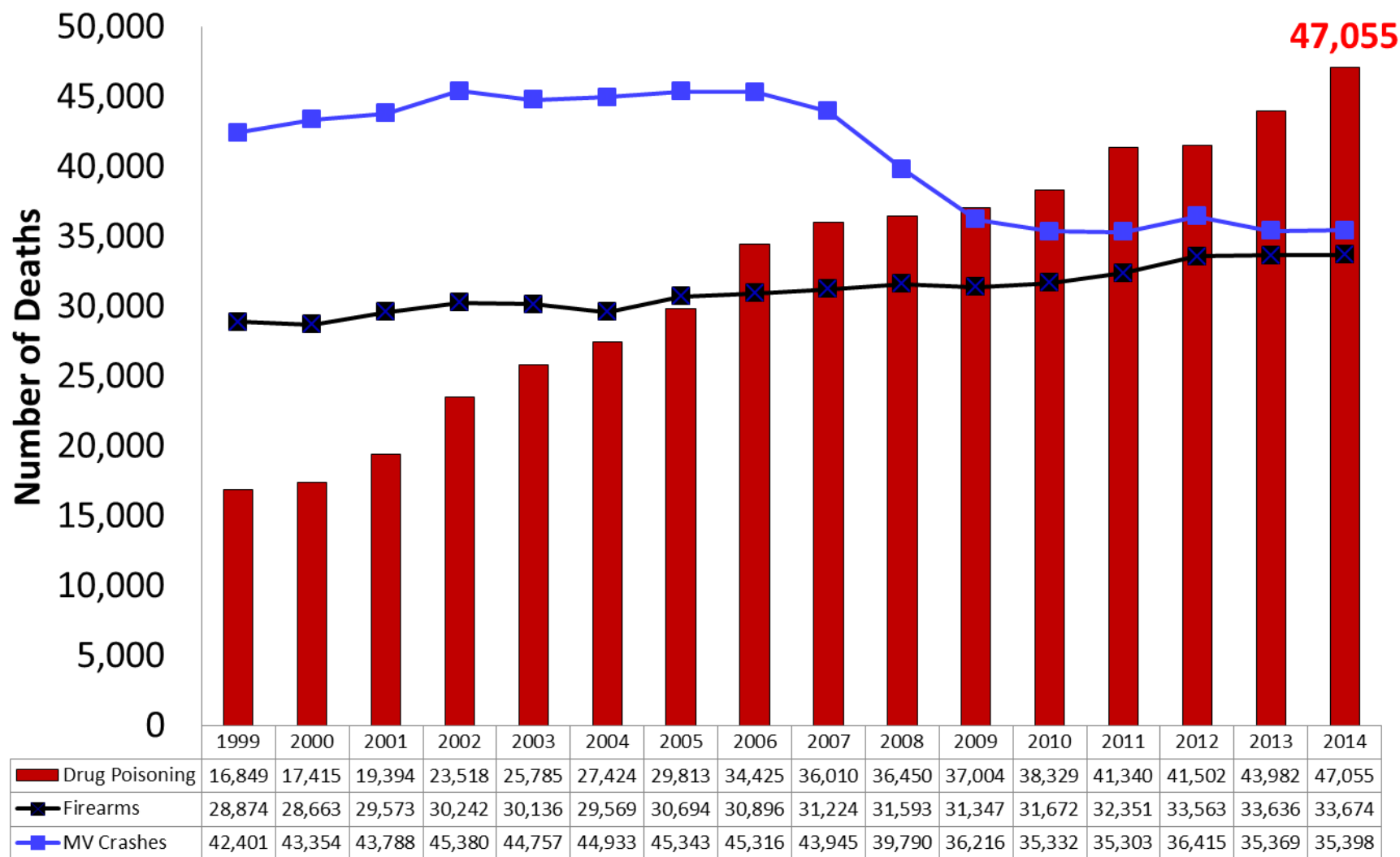
Heroin and Fentanyl in the United States



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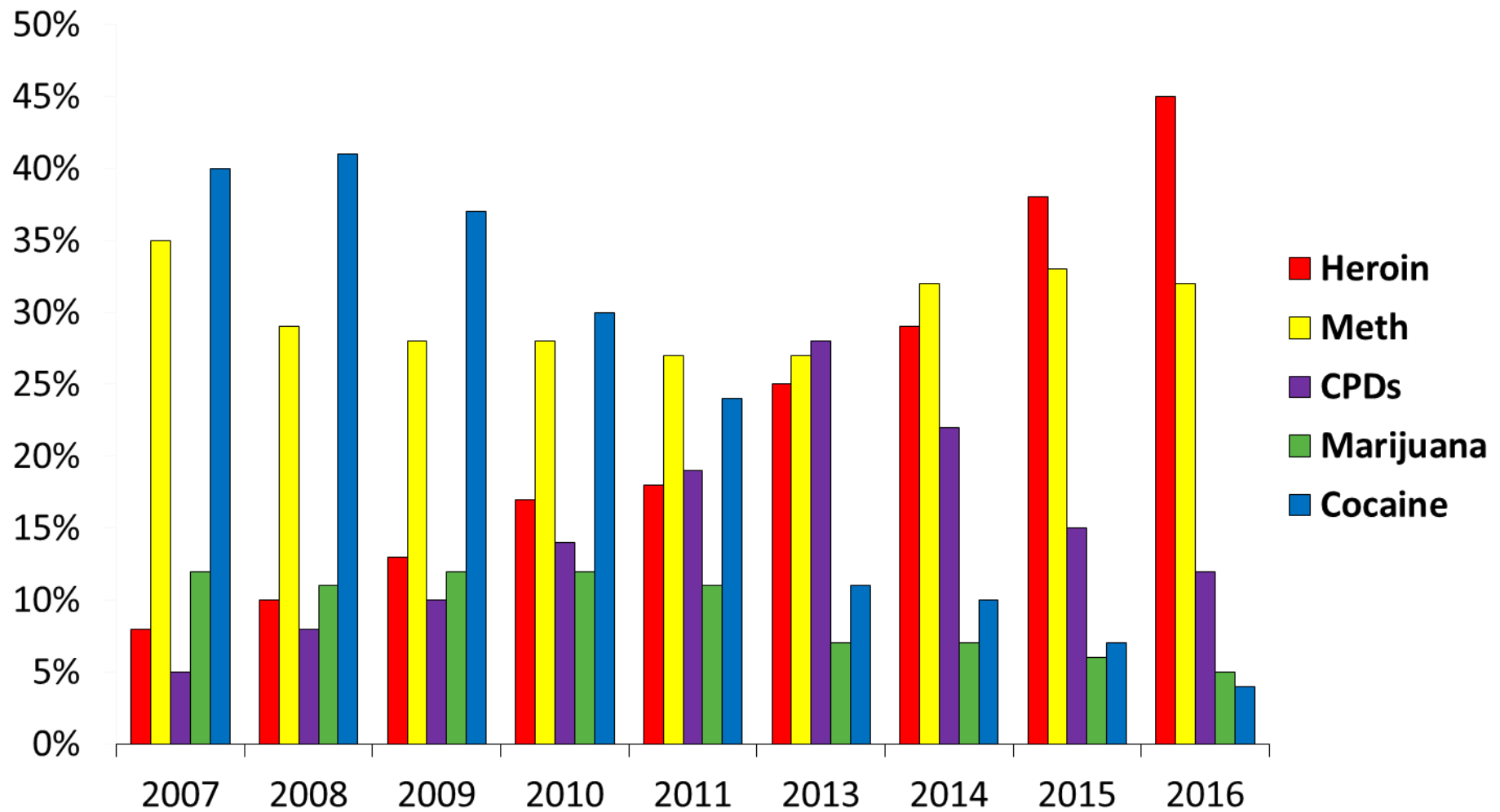


Major Causes of Death from Injury



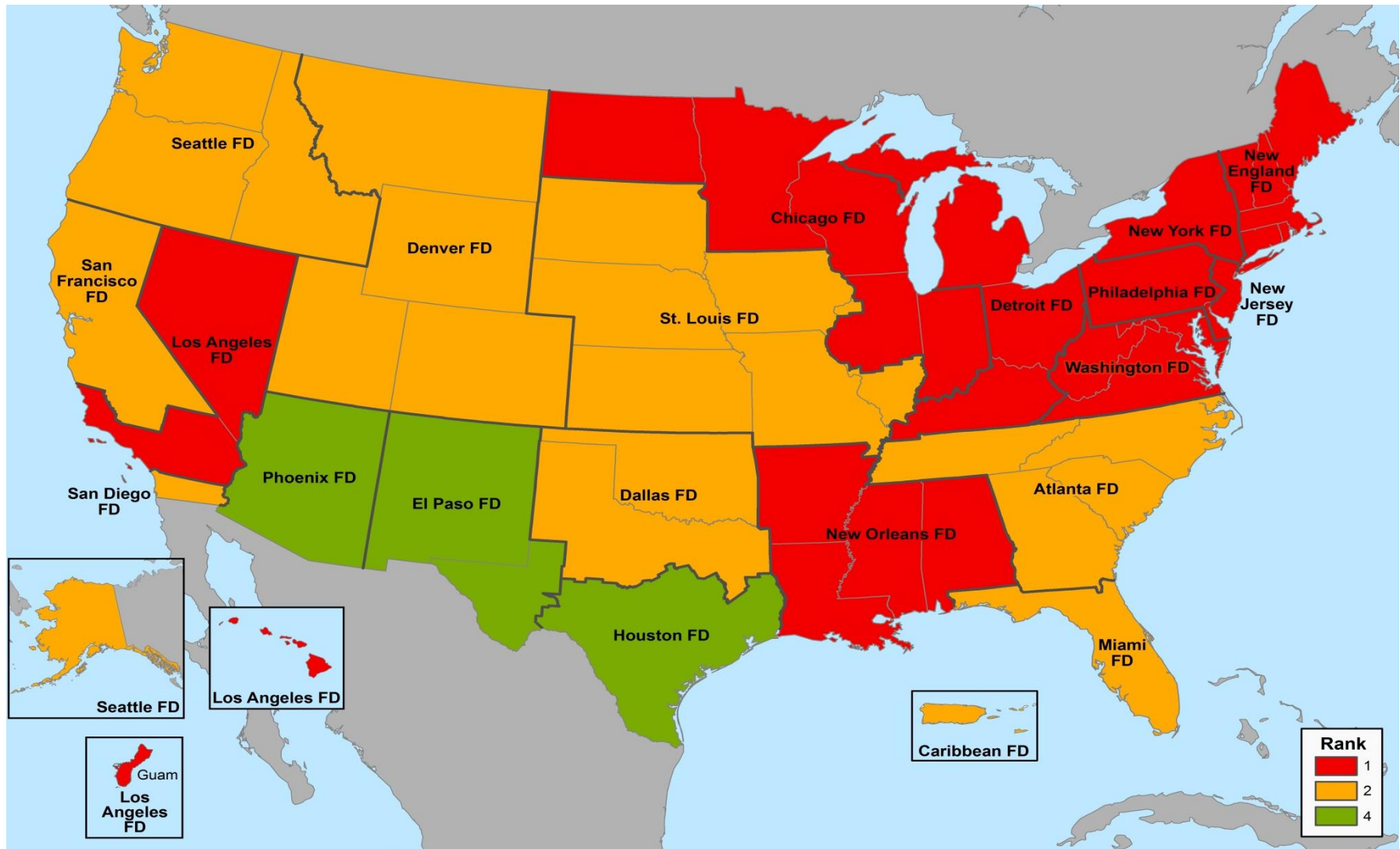


Heroin Threat Increasing



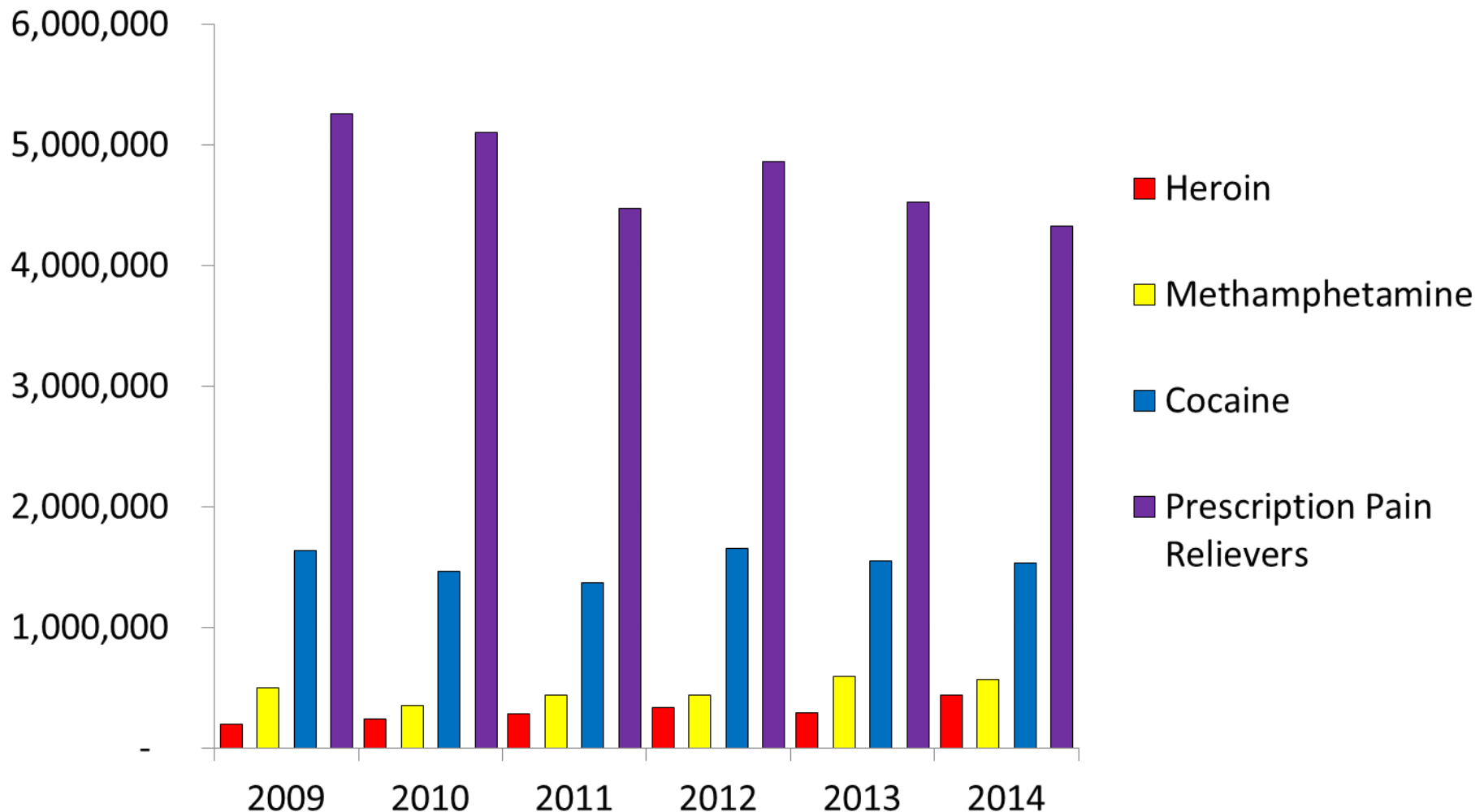


Heroin Threat Increasing





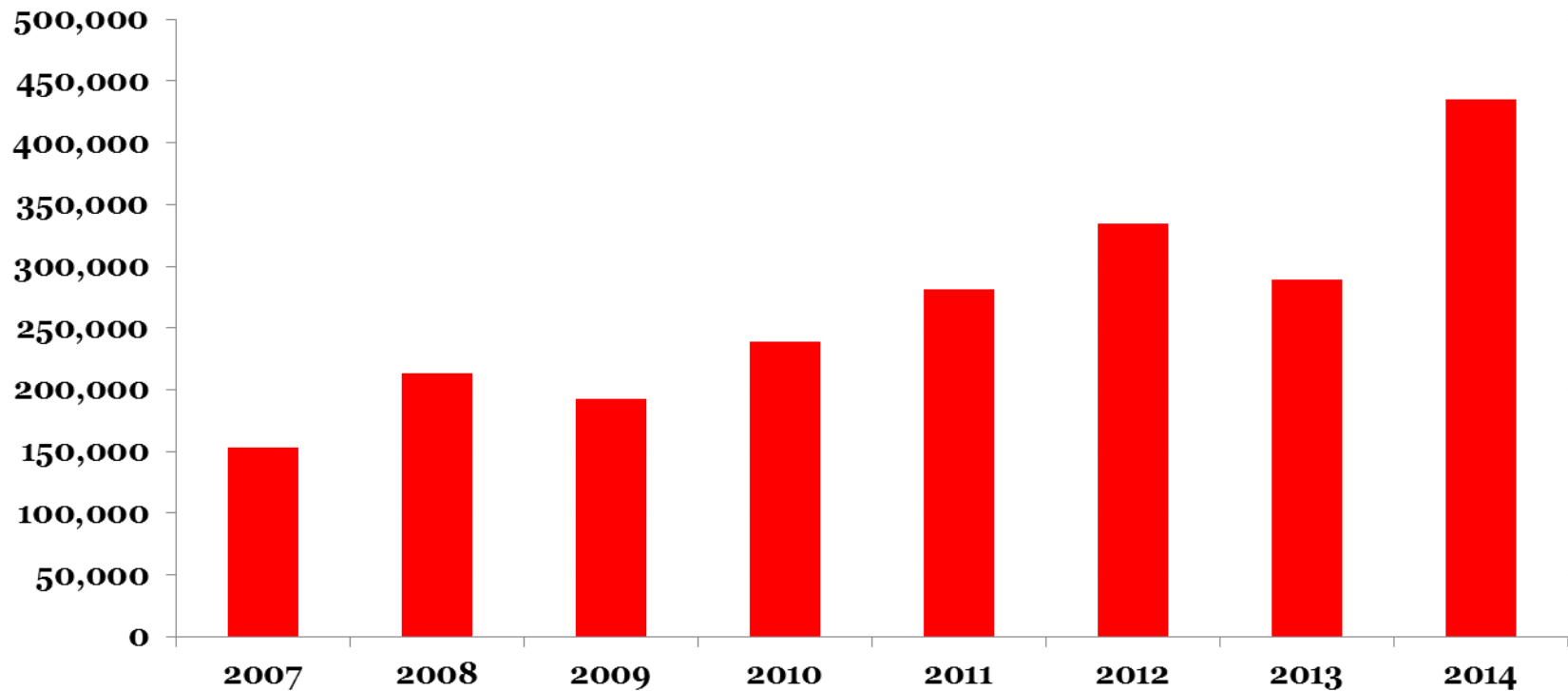
How does heroin compare to other drugs?





User Population Growing Faster

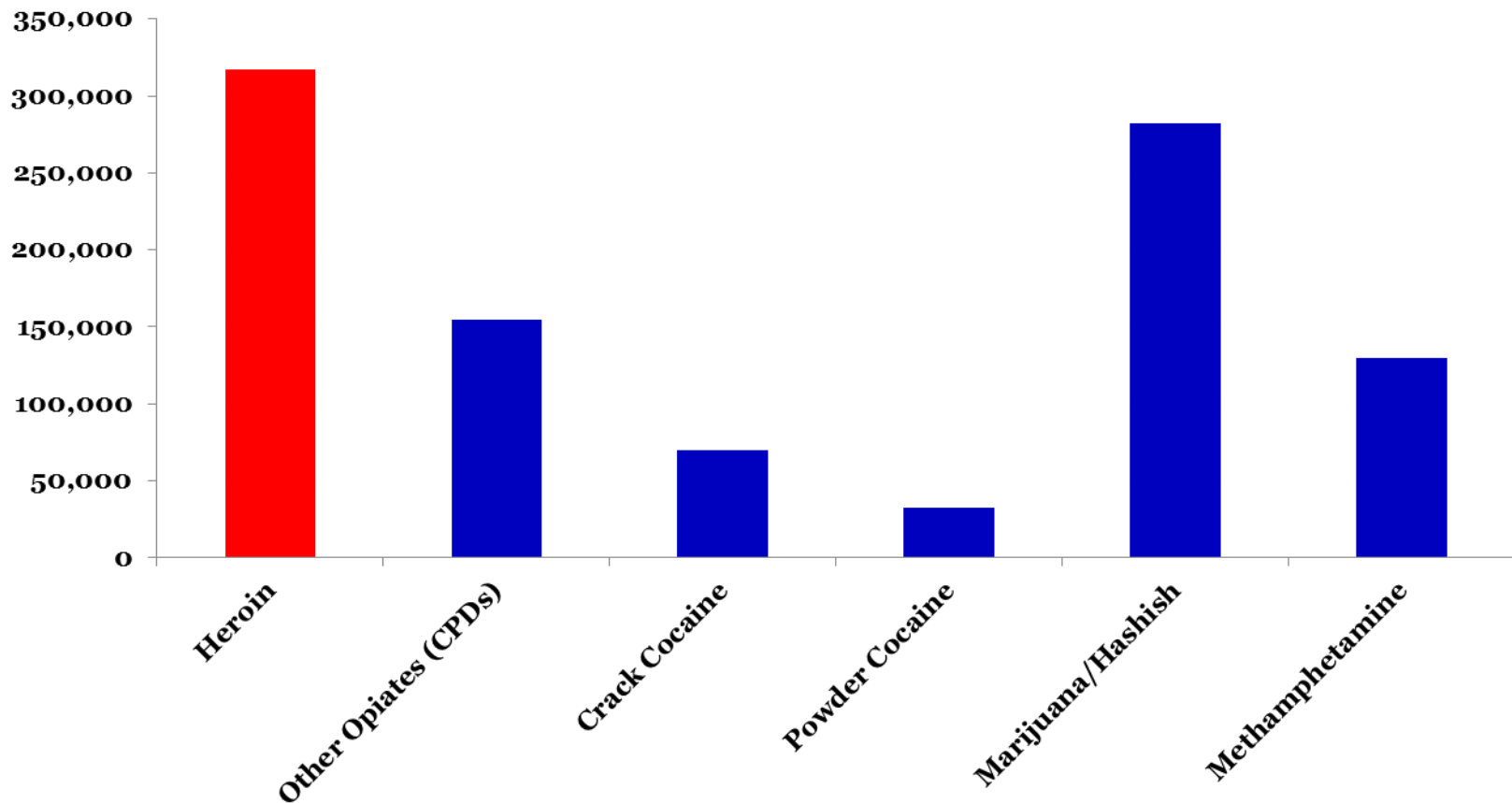
Current (Past Month) Heroin Users





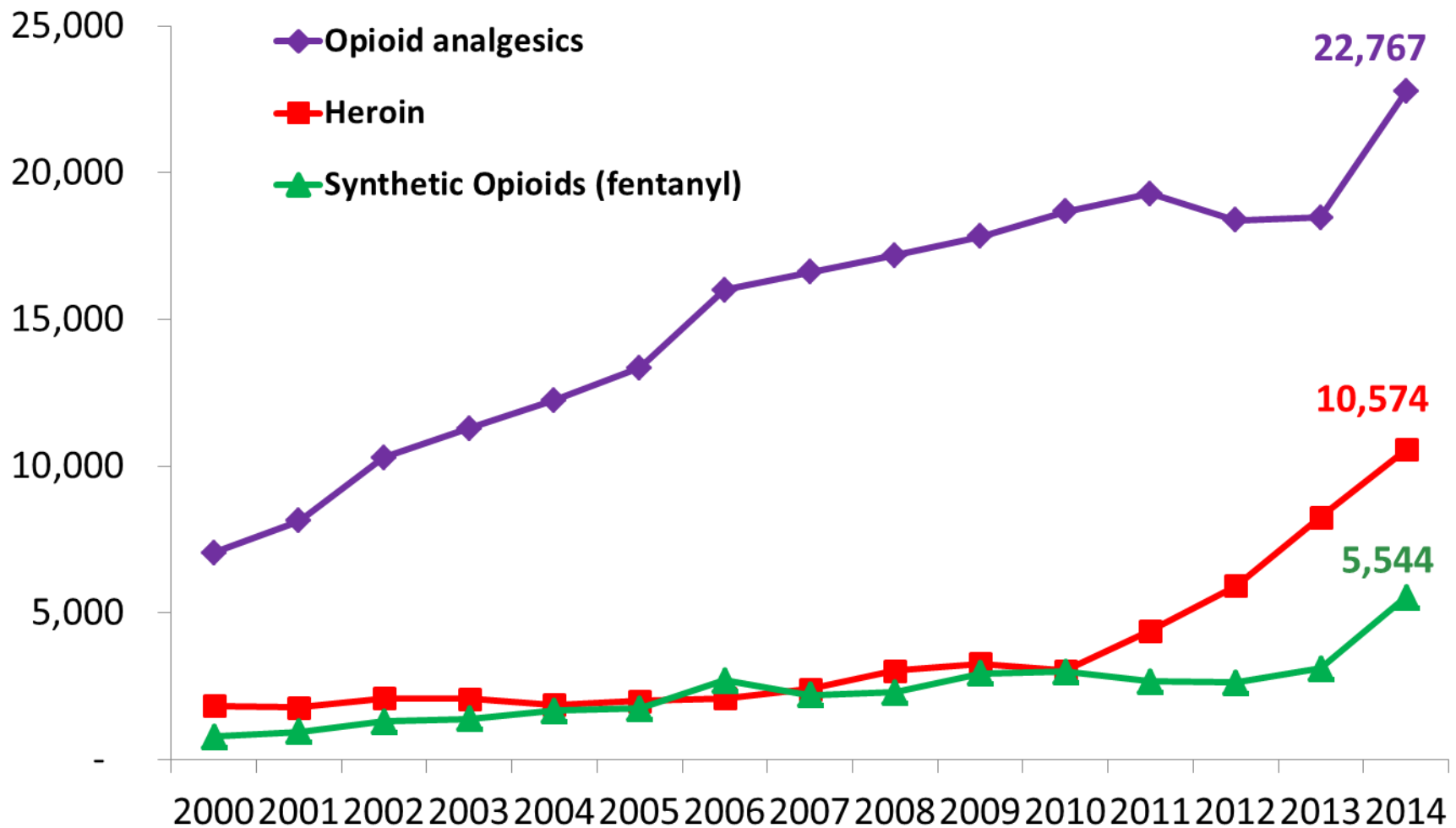
Higher Rates of Treatment

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





More Deadly to its Population





Prescription Pain Relievers to Heroin

Contributing to increased demand for heroin

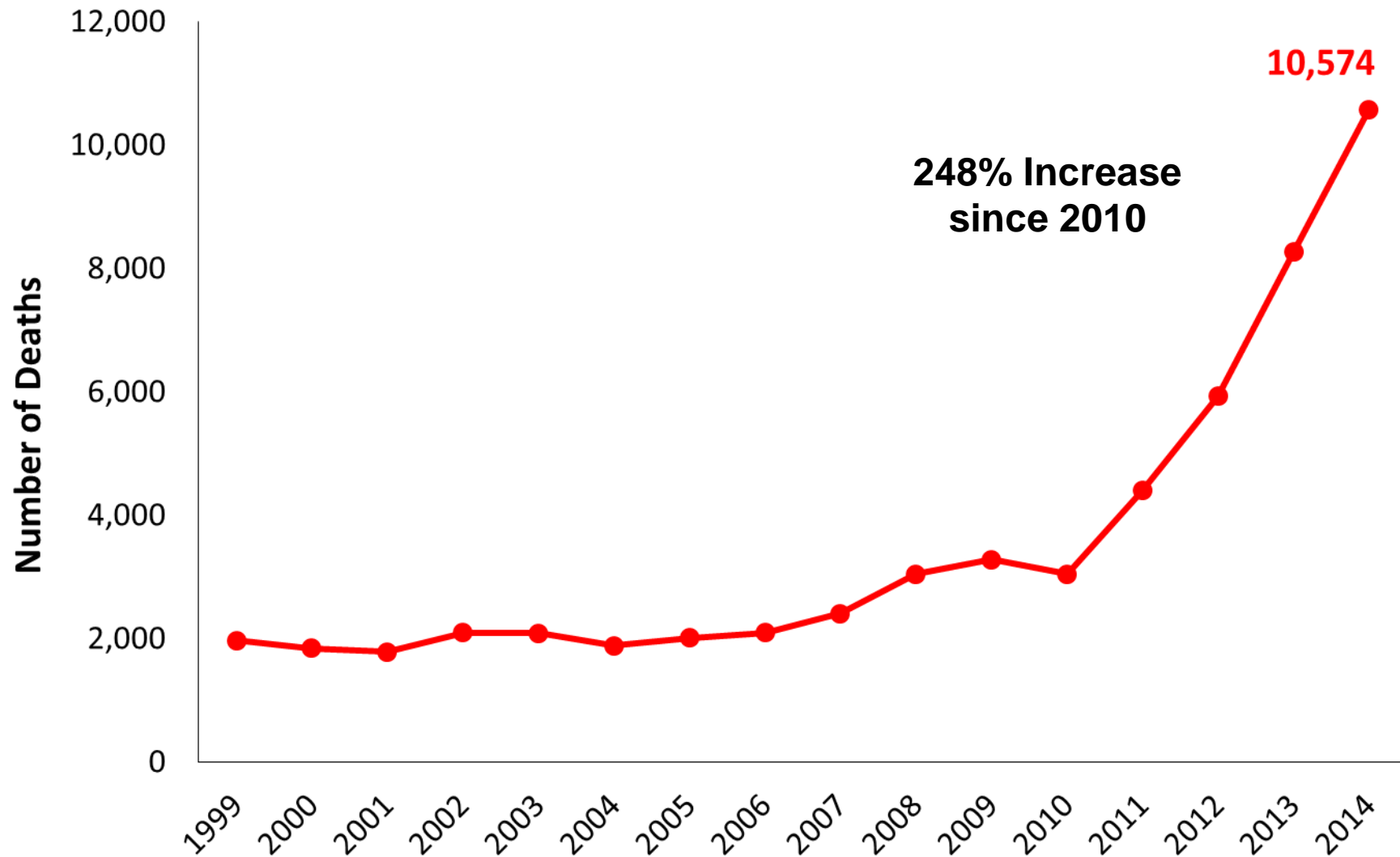
- 19x higher among former CPD abusers
- 80% of new heroin abusers were CPD abusers
- Small number of CPD abusers = large influx of heroin users
- CPD abusers at elevated risk

Reasons

- Price
- Availability
- Tolerance



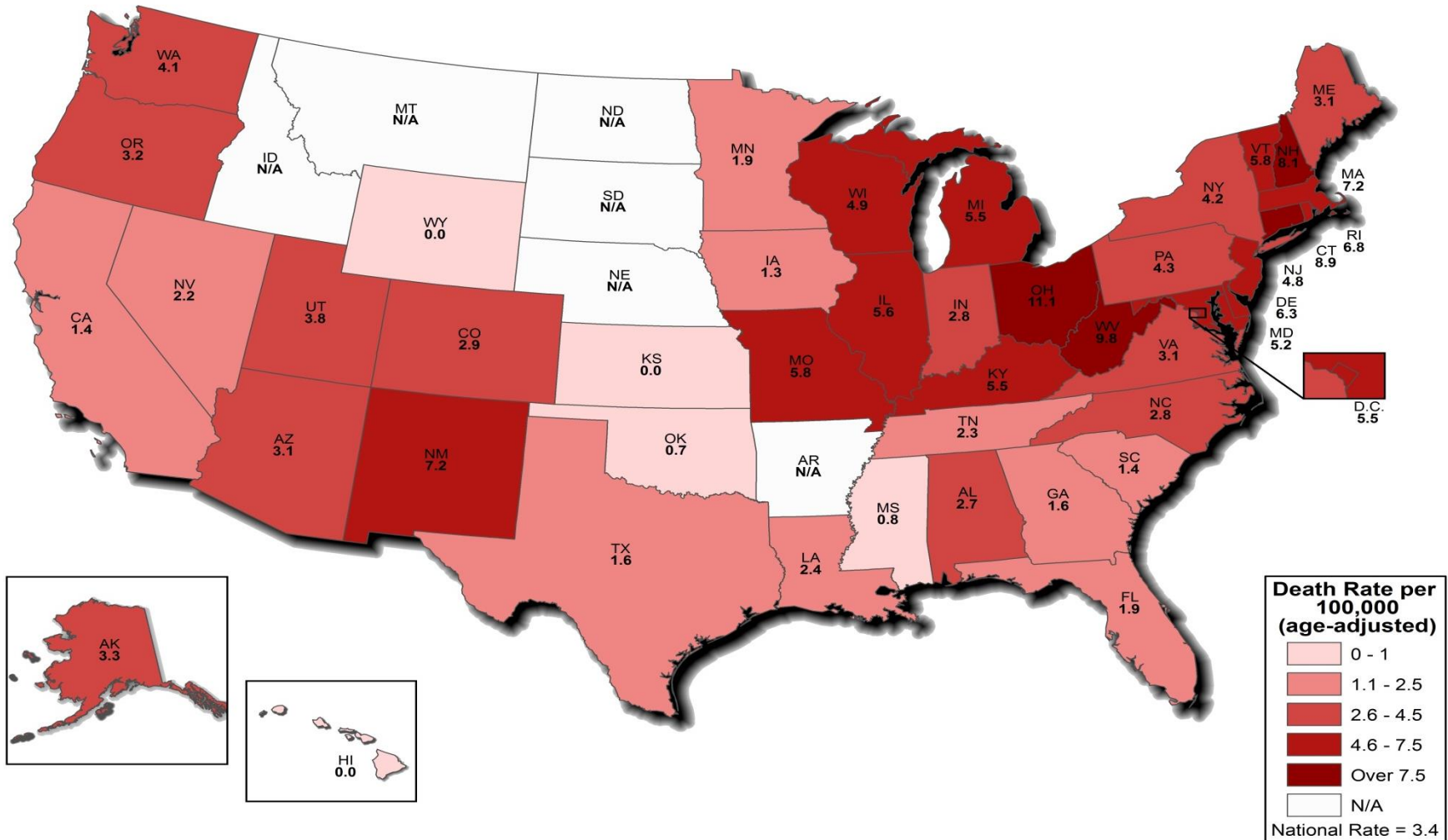
Overdose Deaths





Heroin Drug Poisoning Deaths

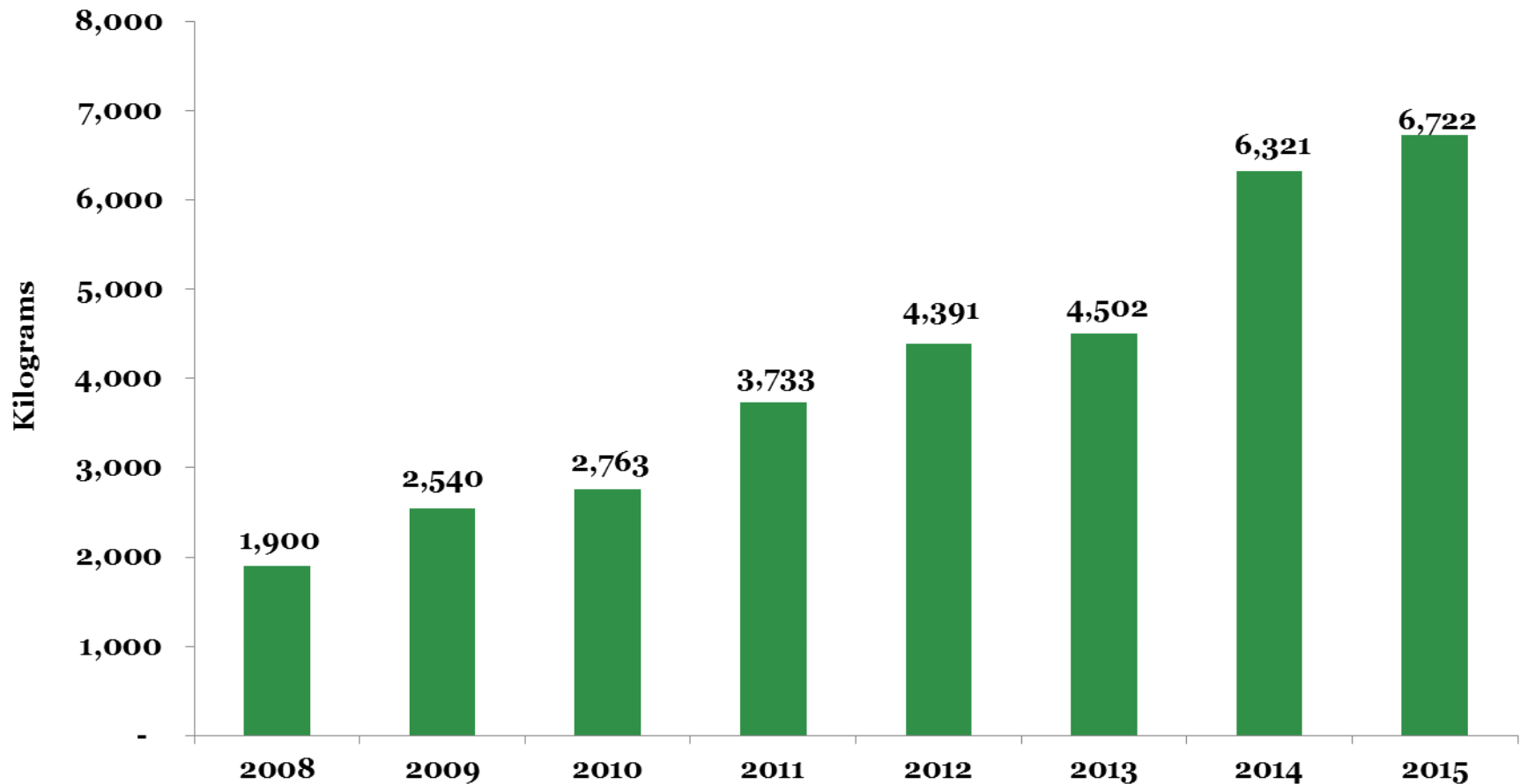
(Rate per 100,000 population)





Availability Increasing

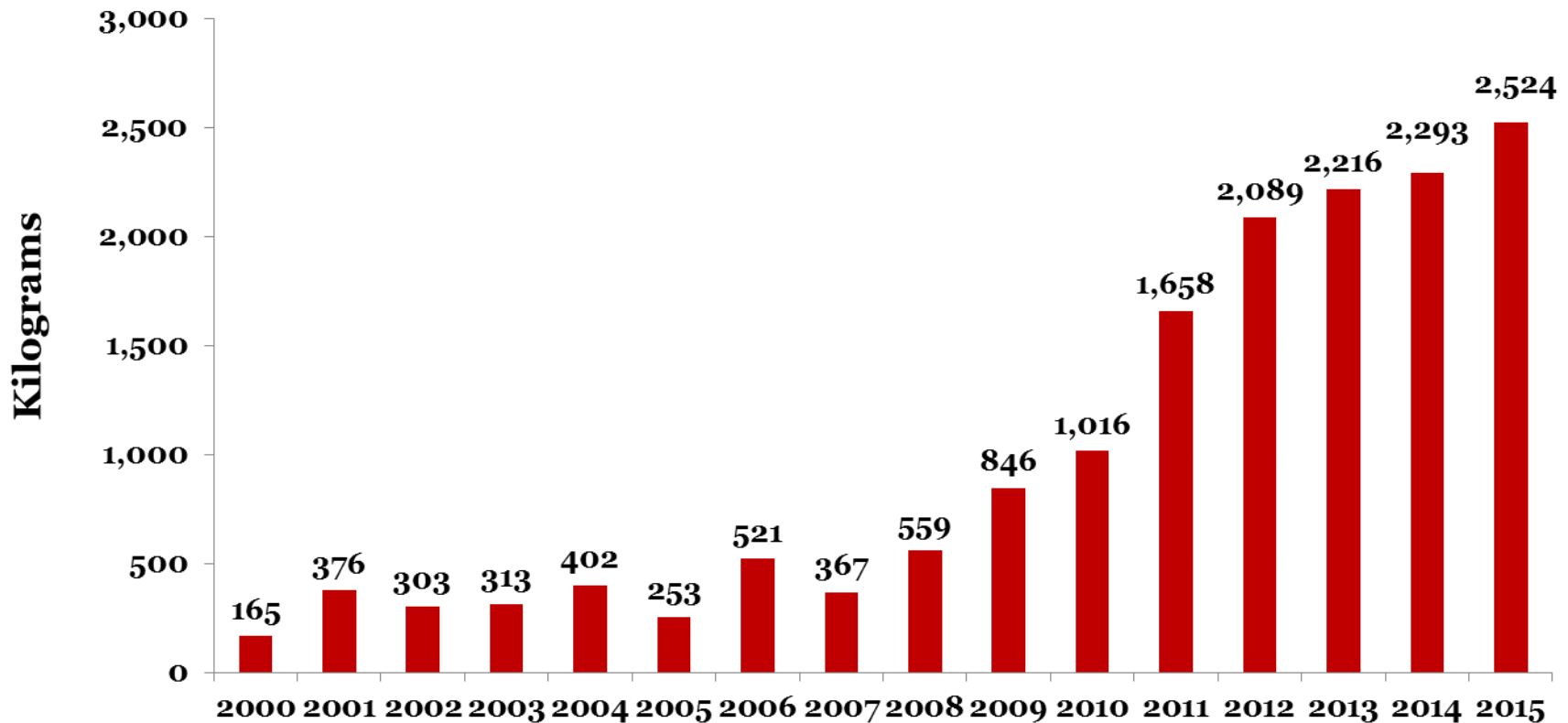
US Heroin Seizures, 2008 - 2015





Heroin at the Southwest Border

Heroin Seizures at the Southwest Border, 2000-2015



Fentanyl

Schedule II synthetic opioid

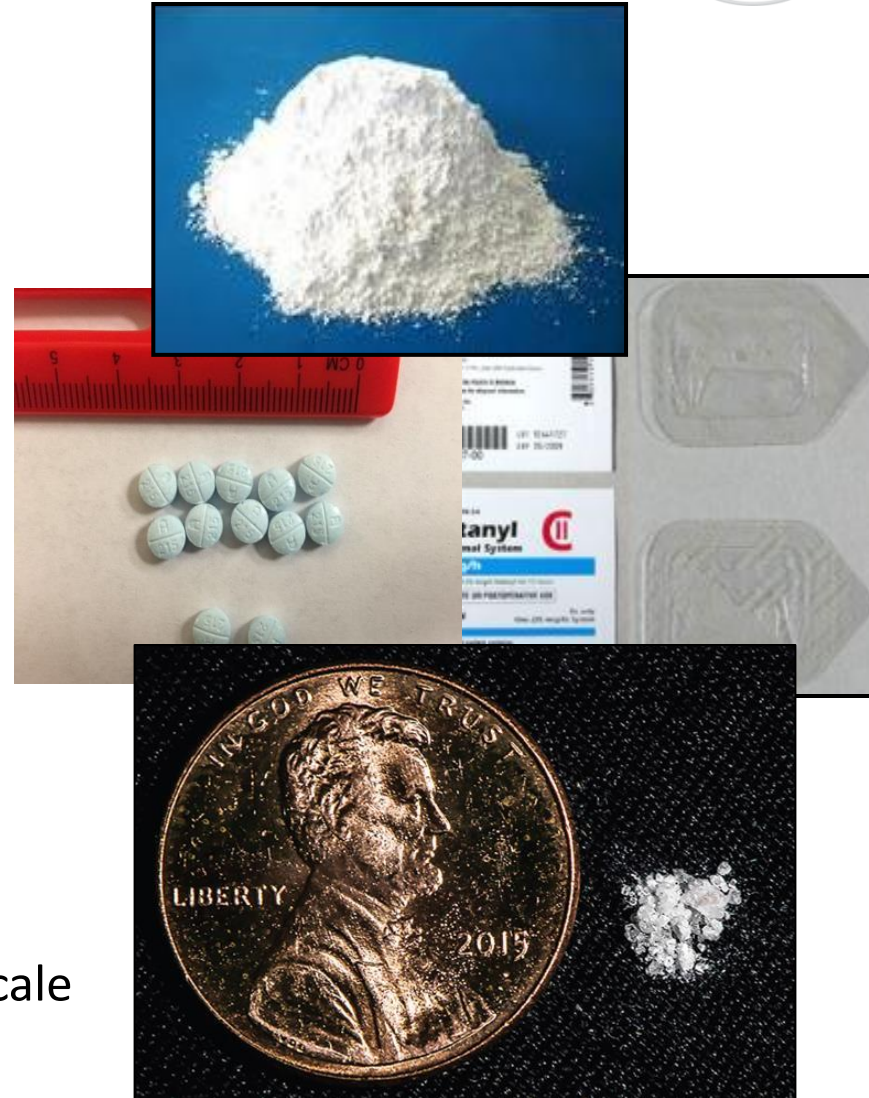
- Exponentially more potent than heroin

Forms

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

Sources

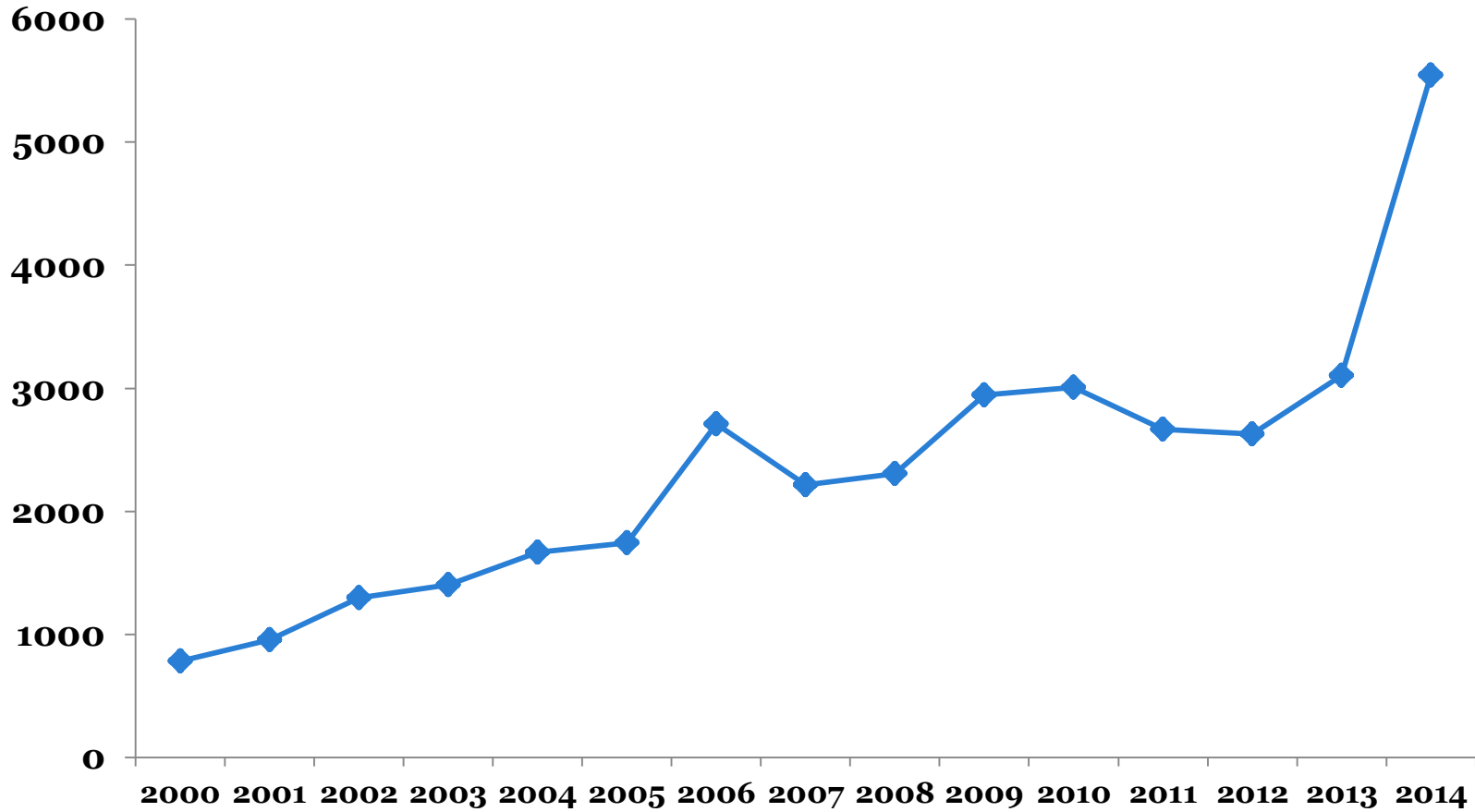
- Through Mexico, also Canada
- Direct from China
- Pharmaceutical Diversion: much smaller scale





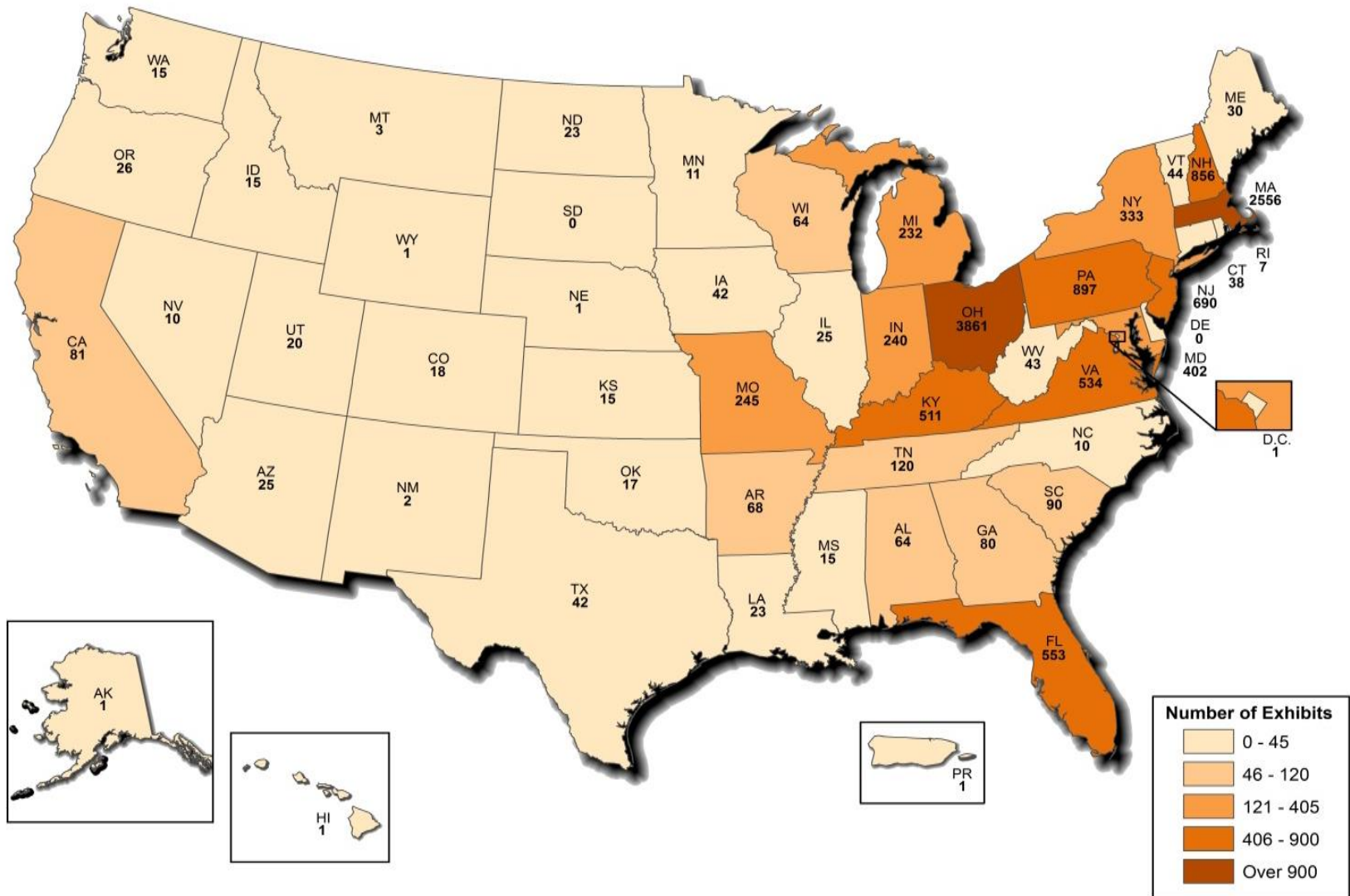
Fentanyl Deaths

Synthetic Opioid Deaths, 2000 - 2014





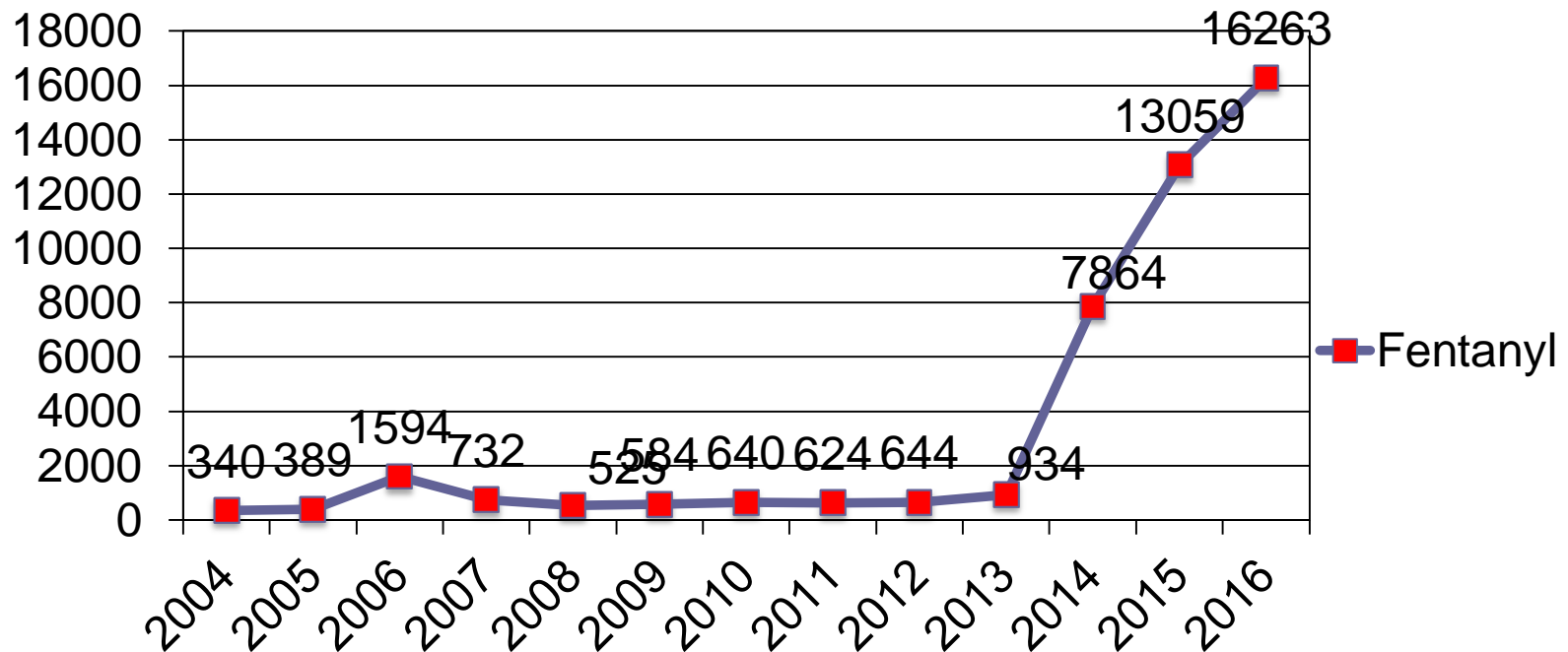
Fentanyl Lab Exhibits by State





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