

National Emerging Threats Initiative
A National HIDTA Program



Emerging Threat Report

By National Emerging Threats Initiative

Pennsylvania Psychostimulant Symposium

November 19, 2019

Harrisburg, PA



Supplies of Drugs

- Opioids
- Stimulants



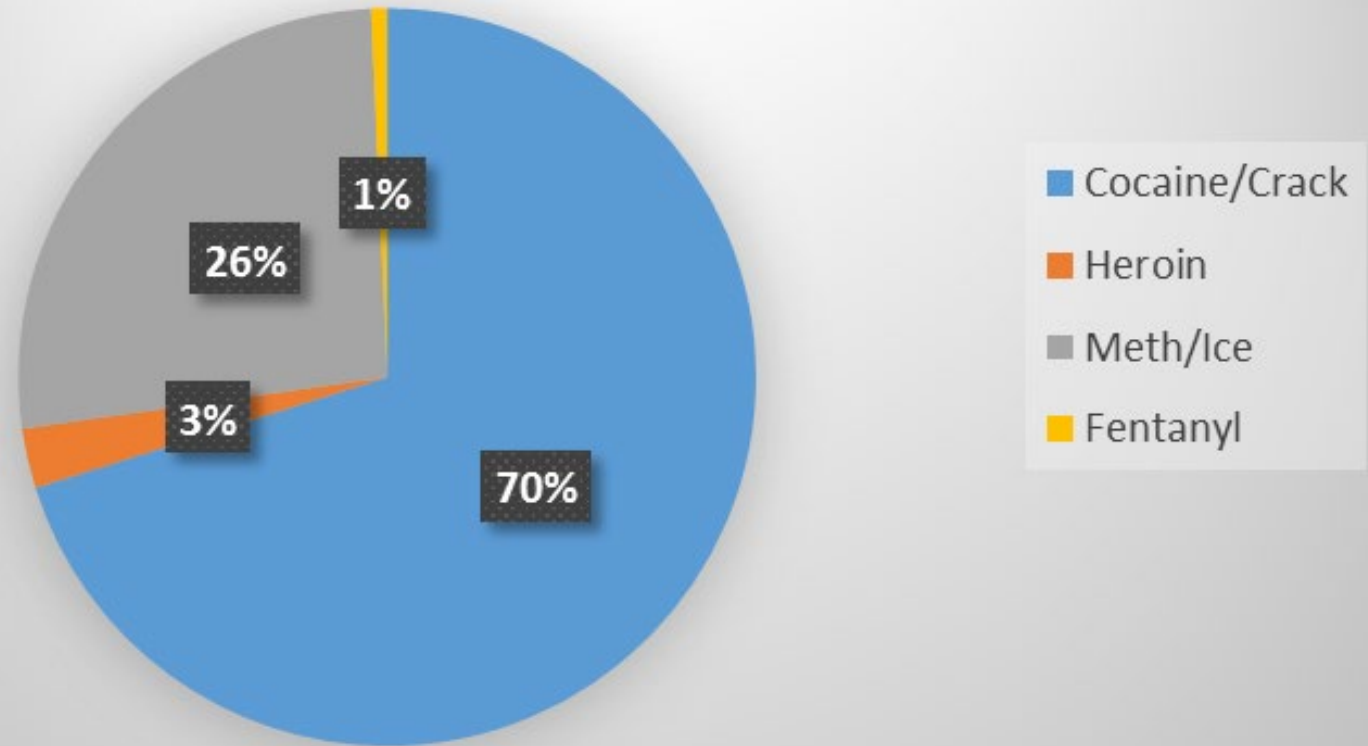
Law Enforcement Seizure Data

Data from
High Intensity Drug Trafficking Areas (HIDTAs)
Performance Management Process (PMP)

National Emerging Threats Initiative (NETI)
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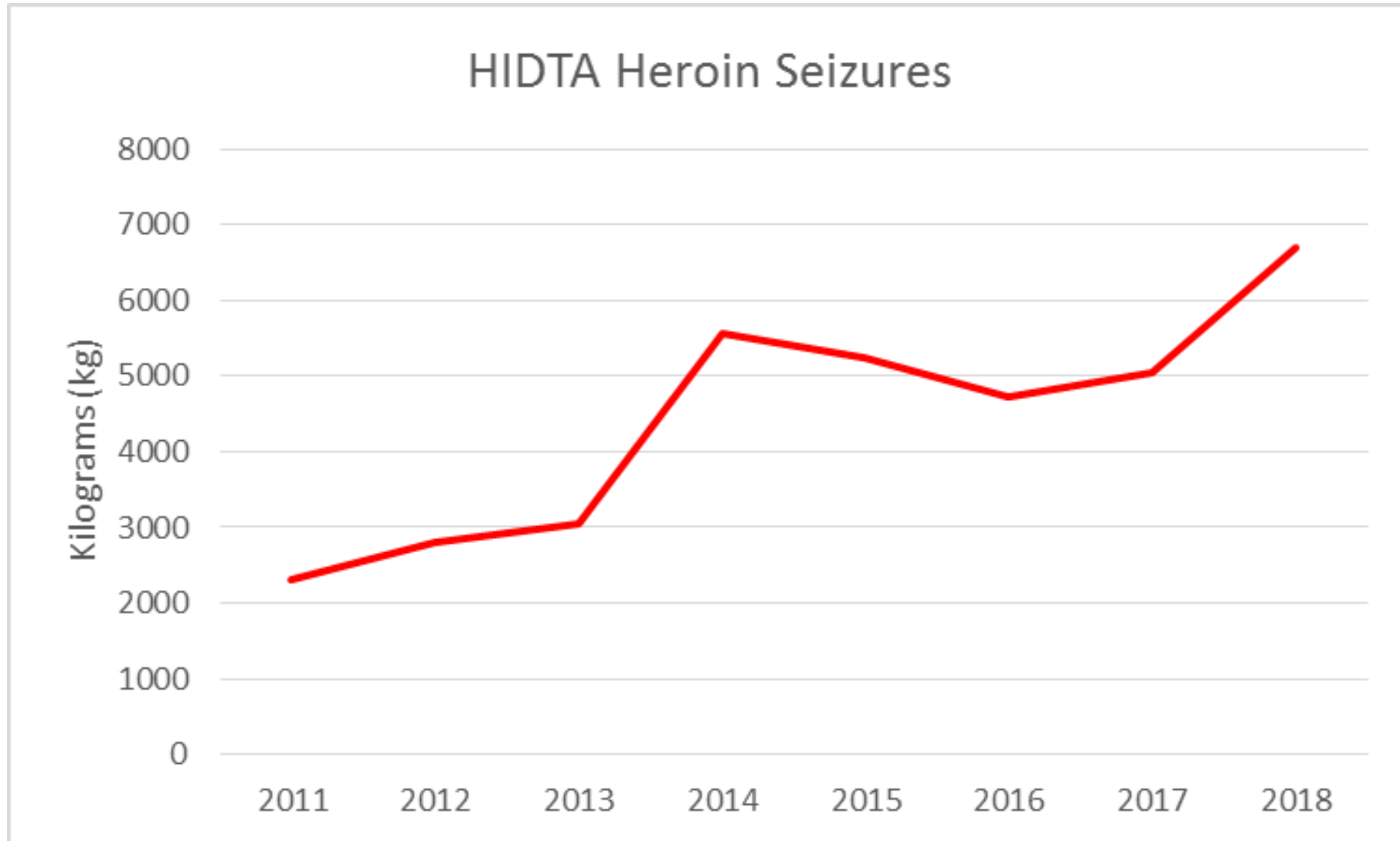
HIDTA 2018 Seizures





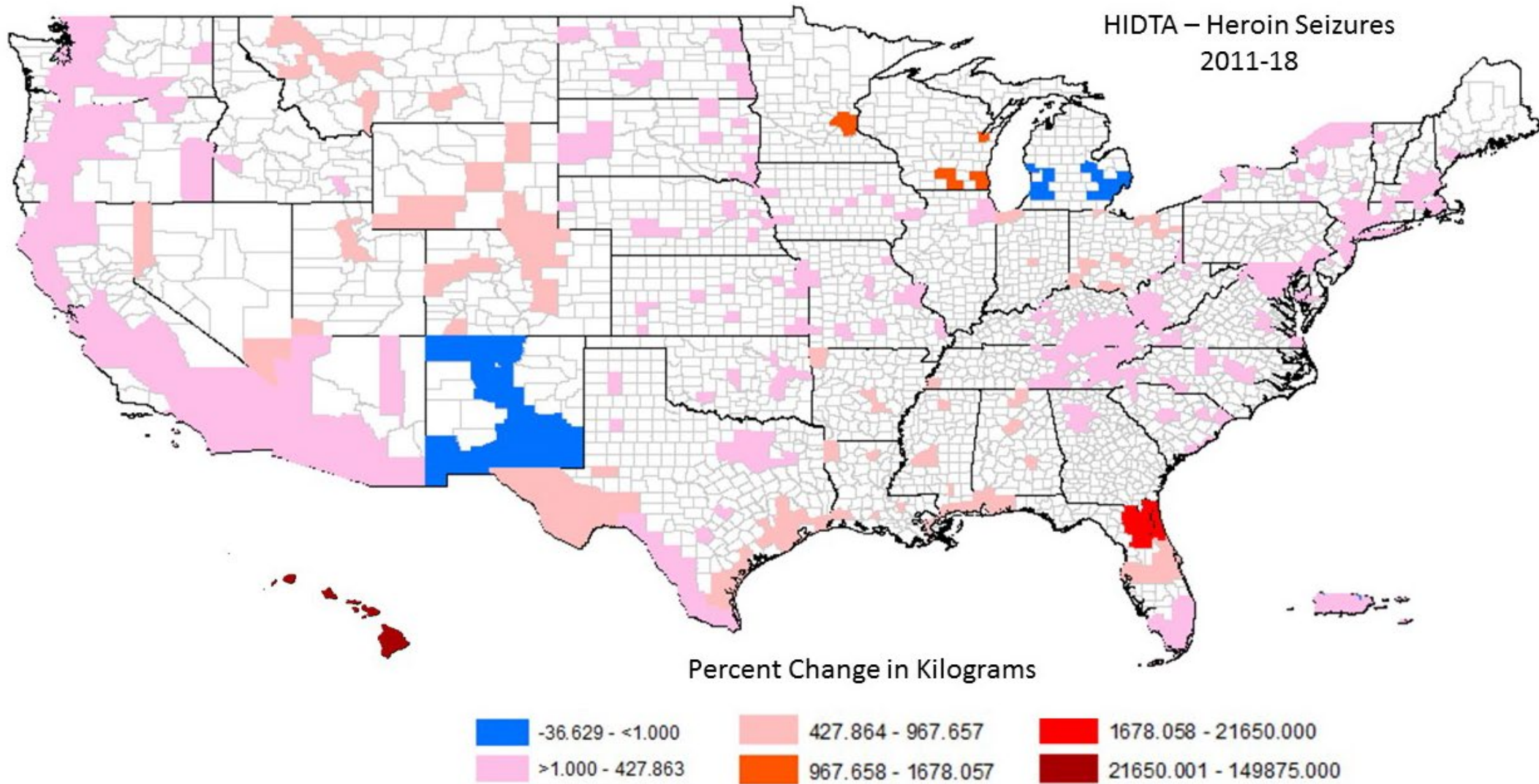
Heroin Seizures

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The above graph reflects the change in heroin seizures, in terms of amount seized (in kilograms) within all HIDTA counties from 2011 to 2018.

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The above map reflects HIDTA heroin seizure percentages of change over the past seven years, by comparing 2018 to 2011



Opioid Prescriptions

State Drug Monitoring Program (PDMP) Data



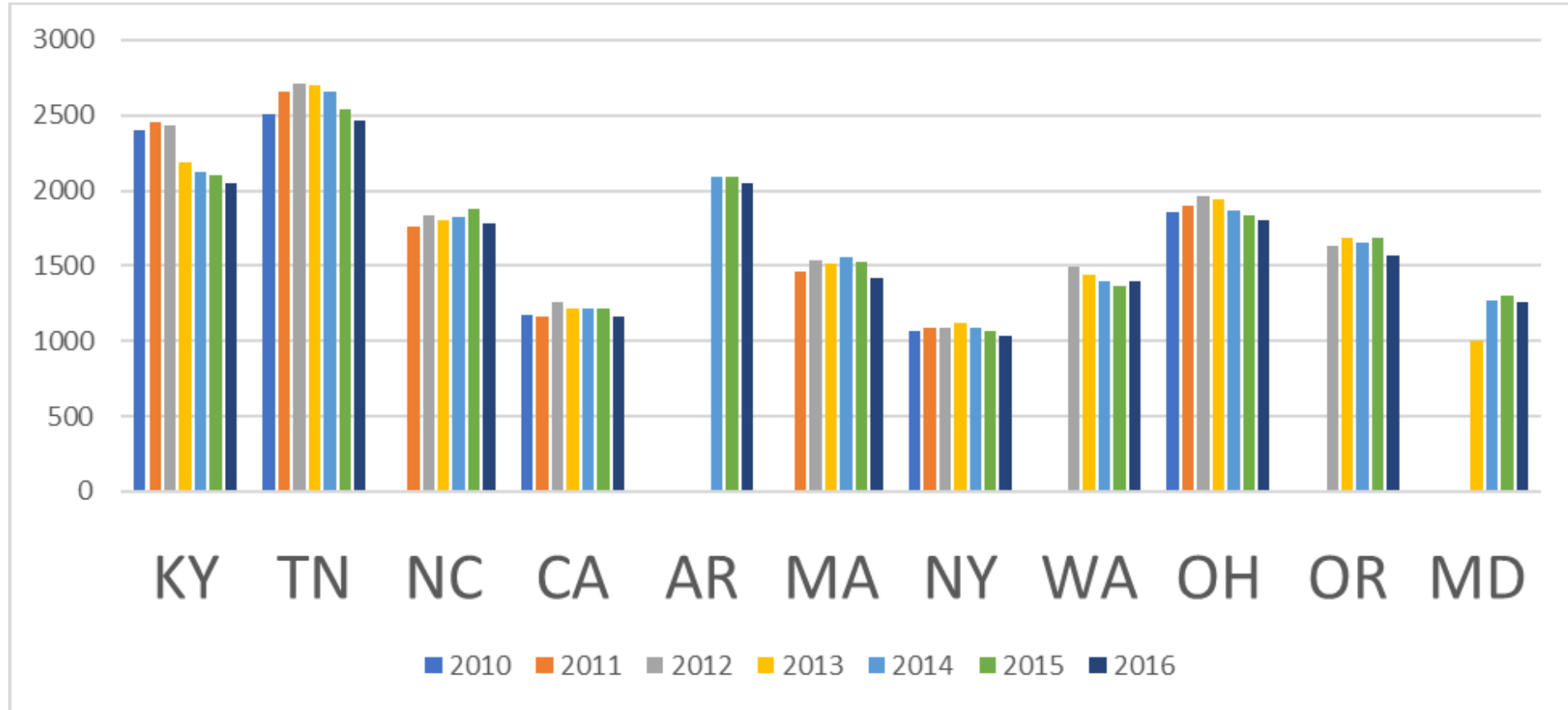
HIDTAs and Respective States

<u>HIDTA</u>	<u>State</u>
Appalachia	KY
Appalachia	TN
Atlanta/C Carolinas	NC
Central Valley California	CA
Los Angeles	CA
Northern California	CA
Southwest Border-San Diego	CA
Gulf Coast	AR

<u>HIDTA</u>	<u>State</u>
New England	MA
New York/ New Jersey	NY
Northwest	WA
Ohio	OH
Oregon	OR
Texoma	OK
Washington/ Baltimore	MD

Note: States were selected as representative among 15 HIDTAs, 10 of which had increases in cocaine and/or methamphetamine seizures.

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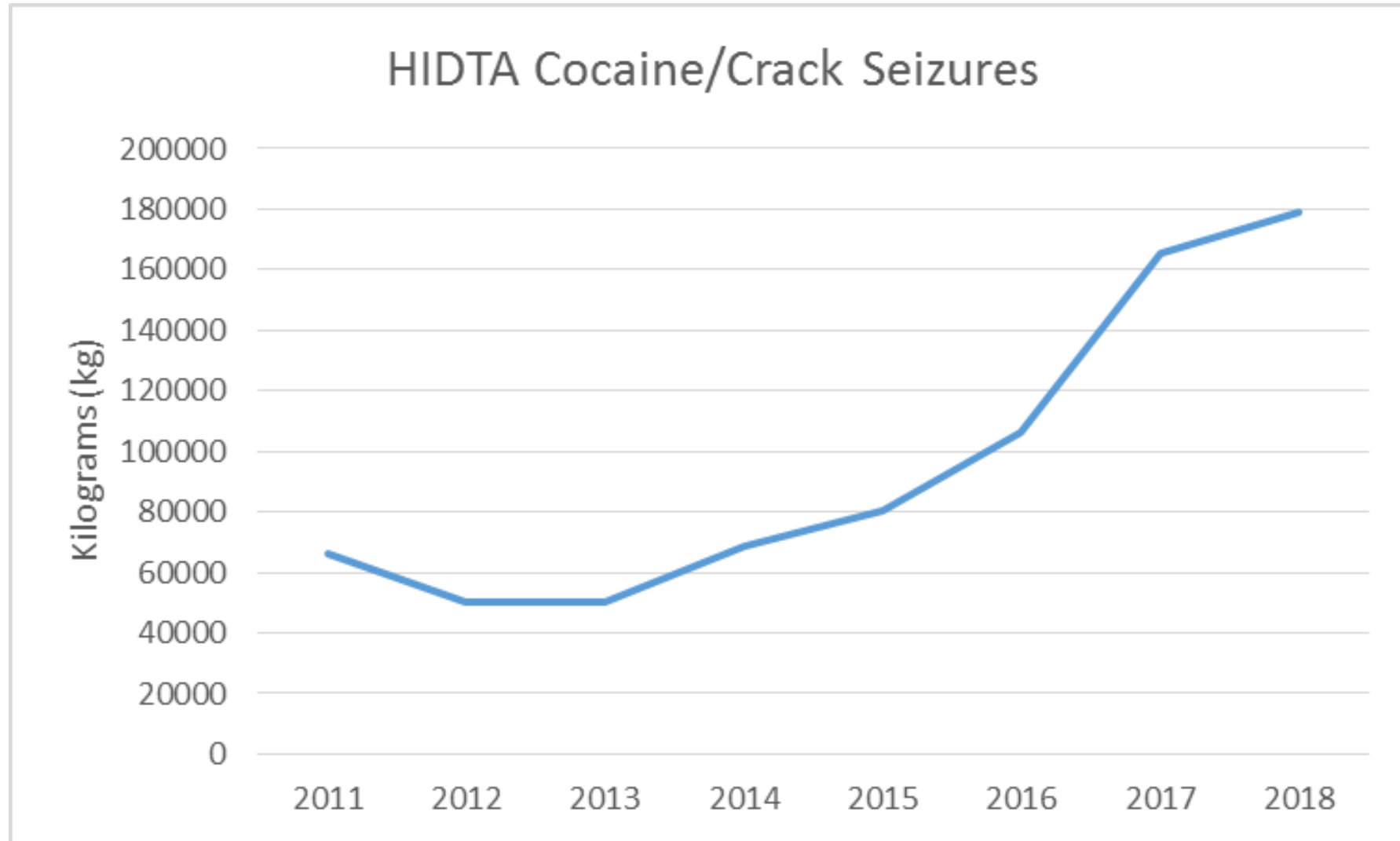


Opioid & Other Controlled Substances Prescription Rates for Representative States Rate of Rx per 1,000 Population - 2010-2016



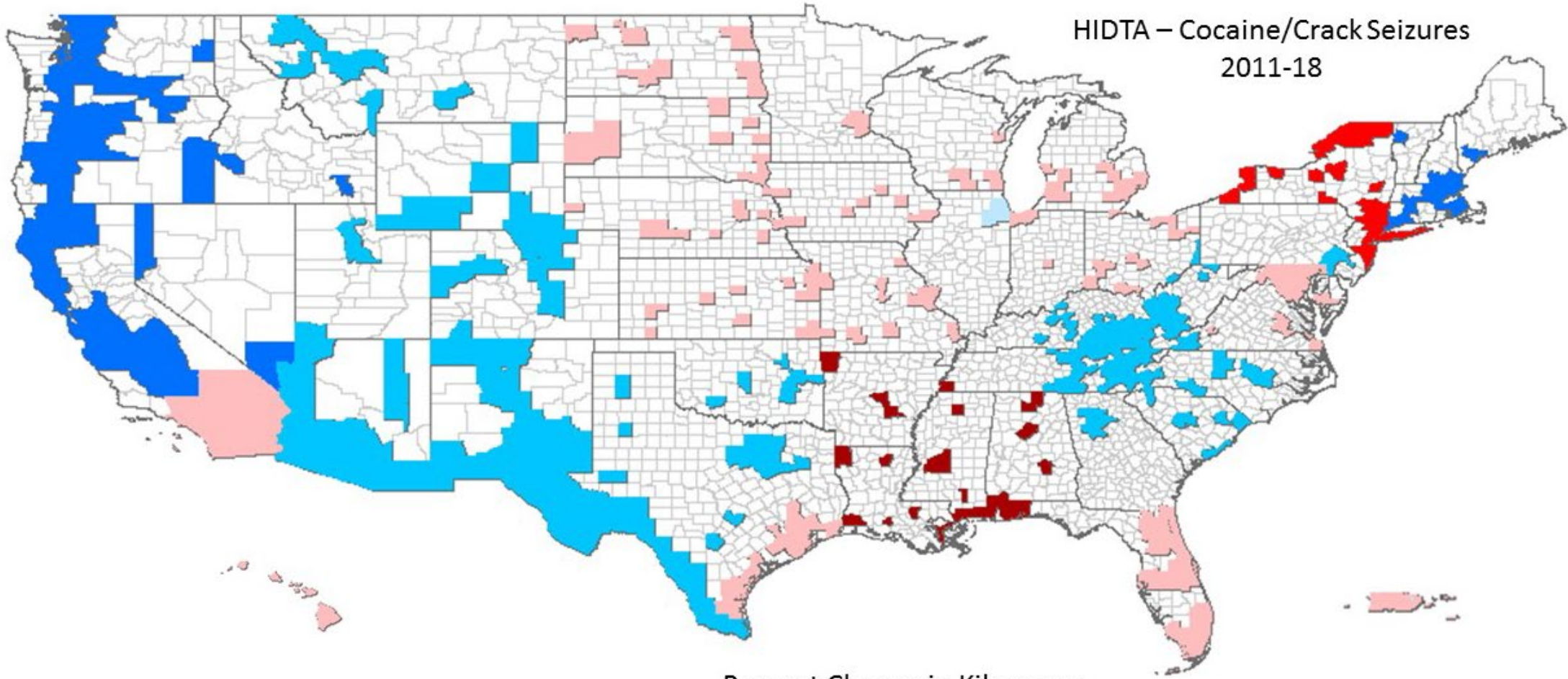
Cocaine Seizures

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The above graph reflects the change in cocaine/crack seizures, in terms of amount seized (in kilograms) within all HIDTA counties from 2011 to 2018.

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HIDTA – Cocaine/Crack Seizures
2011-18

Percent Change in Kilograms

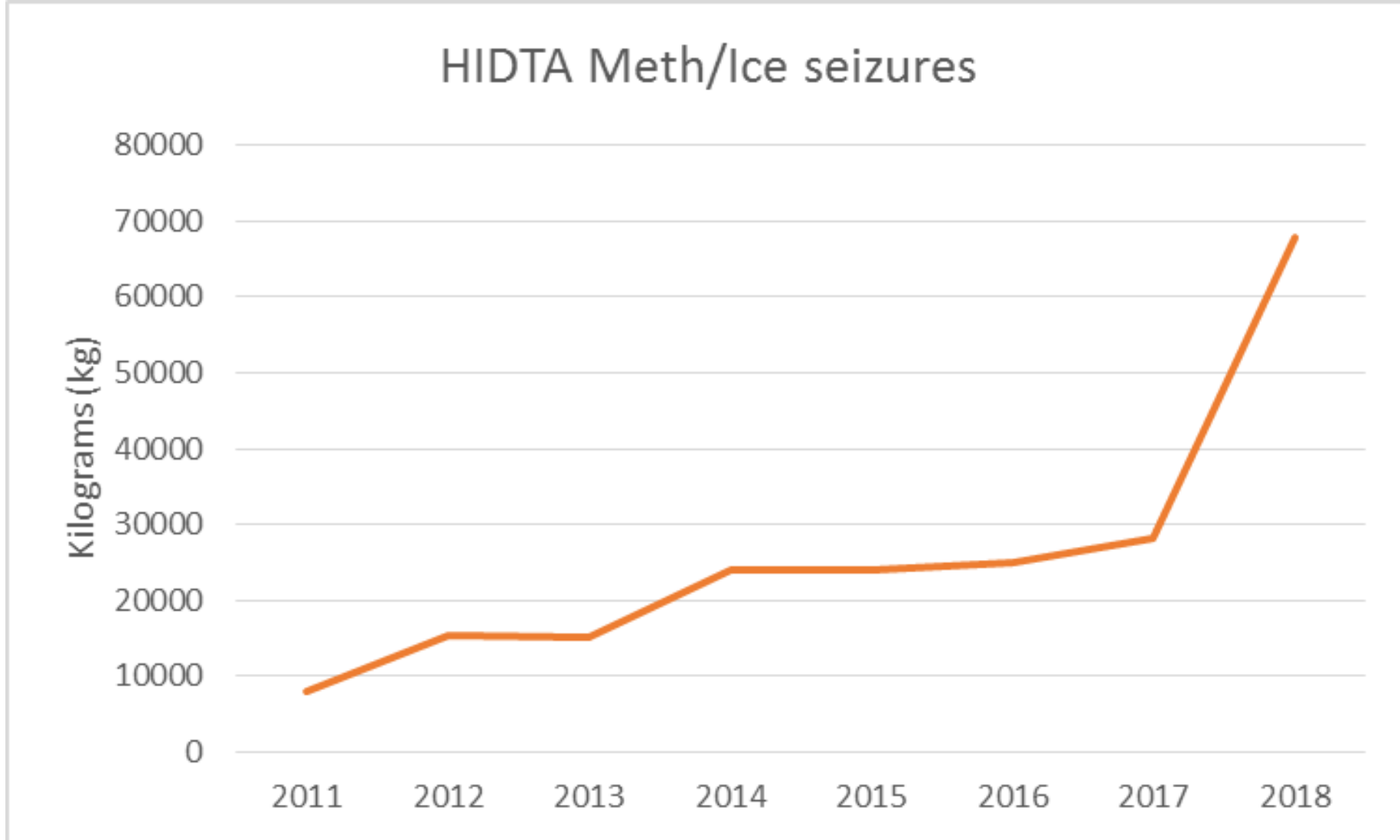
 -88.684 - -57.489	 -31.362 - <1.000	 434.797 - 922.872
 -57.488 - -31.363	 >1.000 - 434.796	 922.873 - 4712.908

The above map reflects HIDTA cocaine/crack seizure percentages of change over the past seven years, by comparing 2018 to 2011



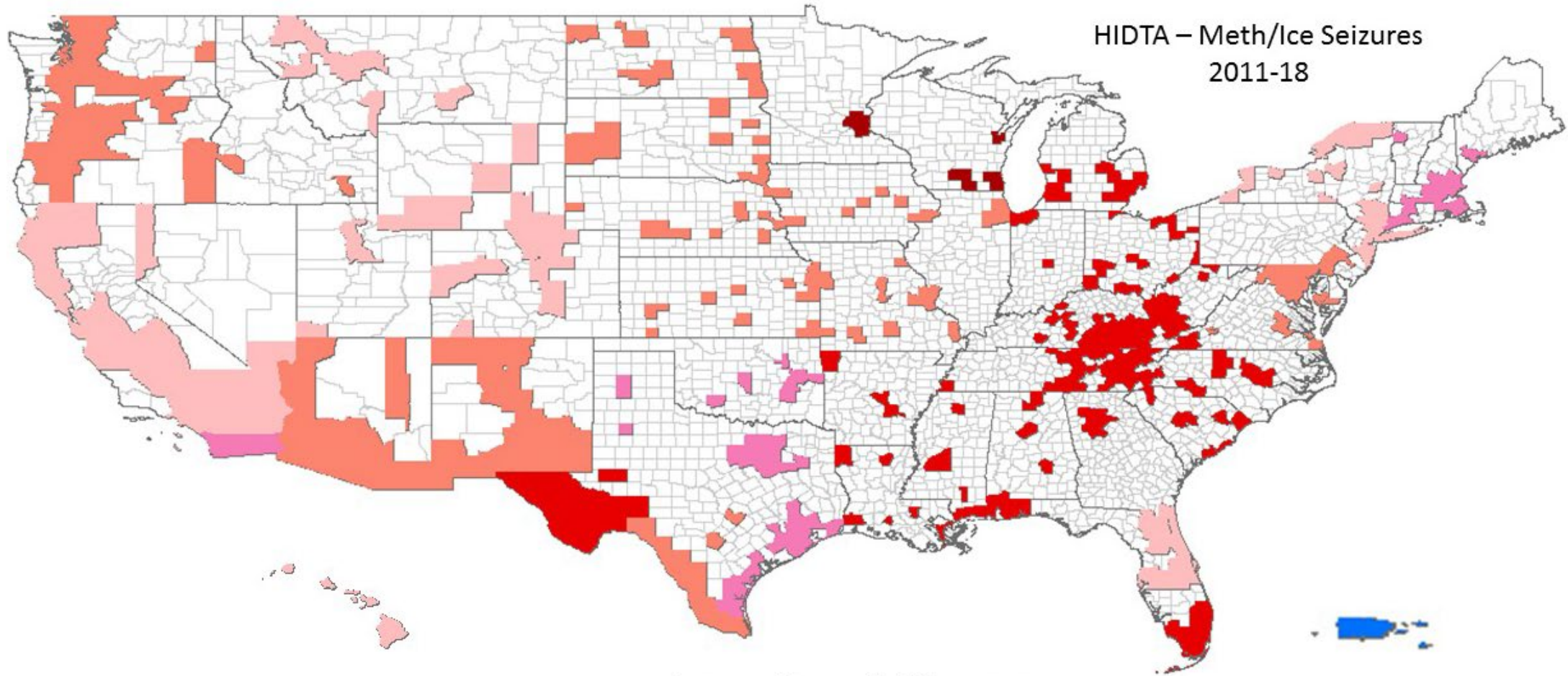
Methamphetamine Seizures

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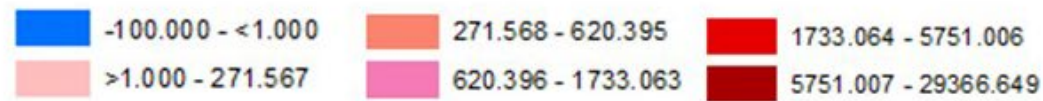
The graph above highlights HIDTAs methamphetamine/ice seizures across all HIDTA from 2011-18.

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HIDTA – Meth/Ice Seizures
2011-18

Percent Change in Kilograms



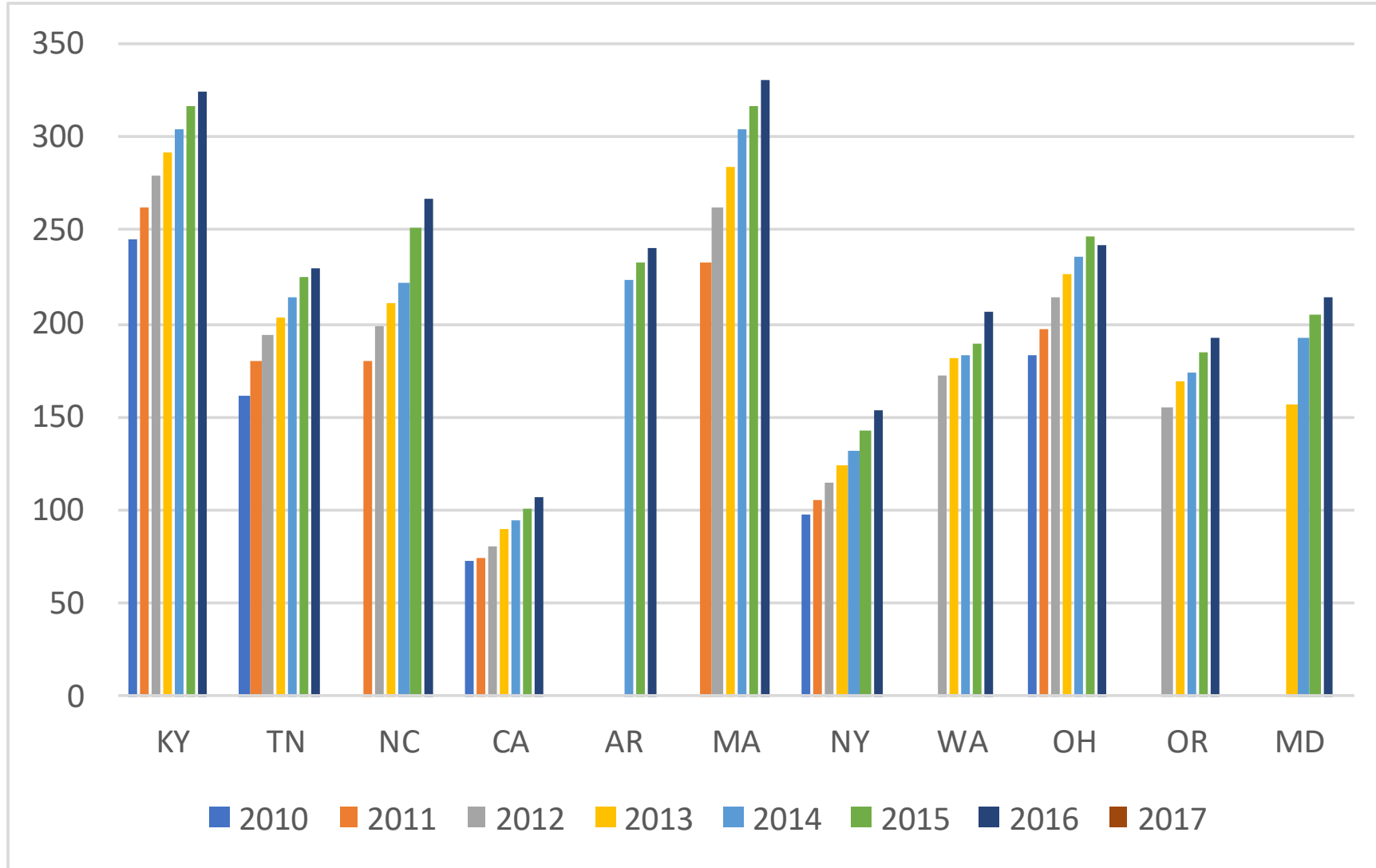
The above map reflects HIDTA methamphetamine seizure percentages of change over the past seven years, by comparing 2018 to 2011



Stimulant Prescriptions

State Drug Monitoring Program (PDMP) Data

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Stimulant Prescription Rates for Representative States Rate of Rx per 1,000 Population - 2010-2016



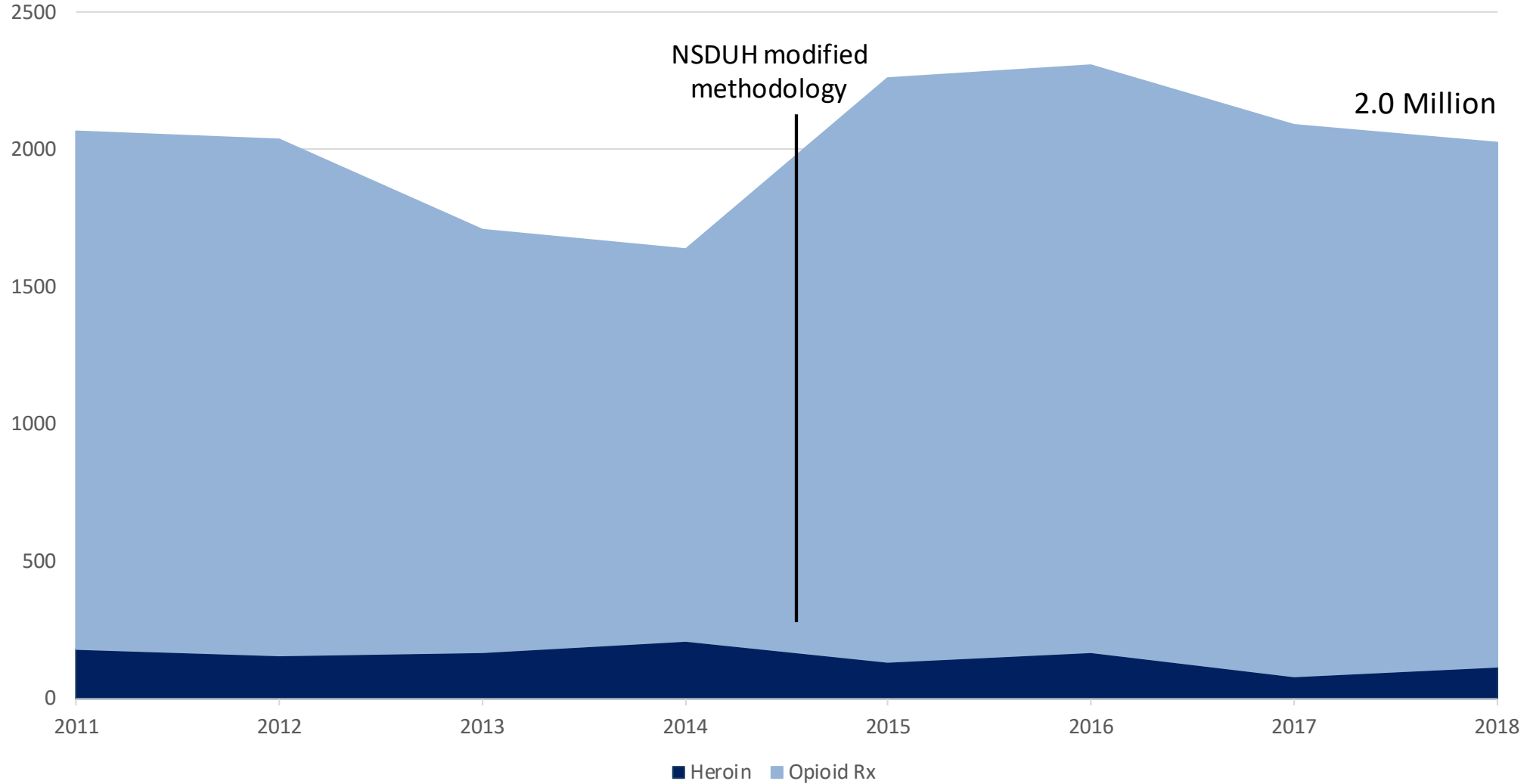
Demand for Drugs

- Opioids
- Stimulants

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New Initiates in (000s) - Opioids

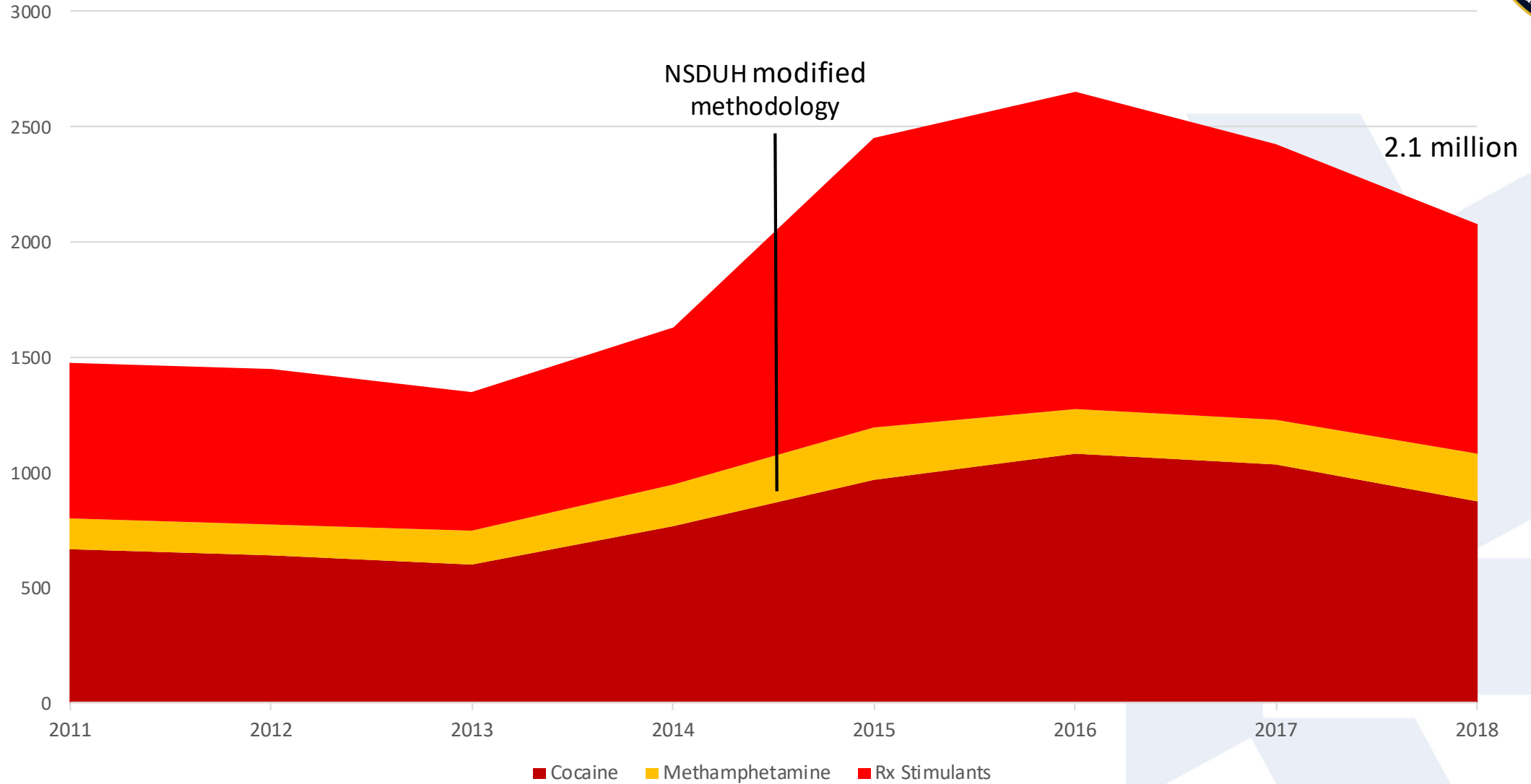


2.0 Million

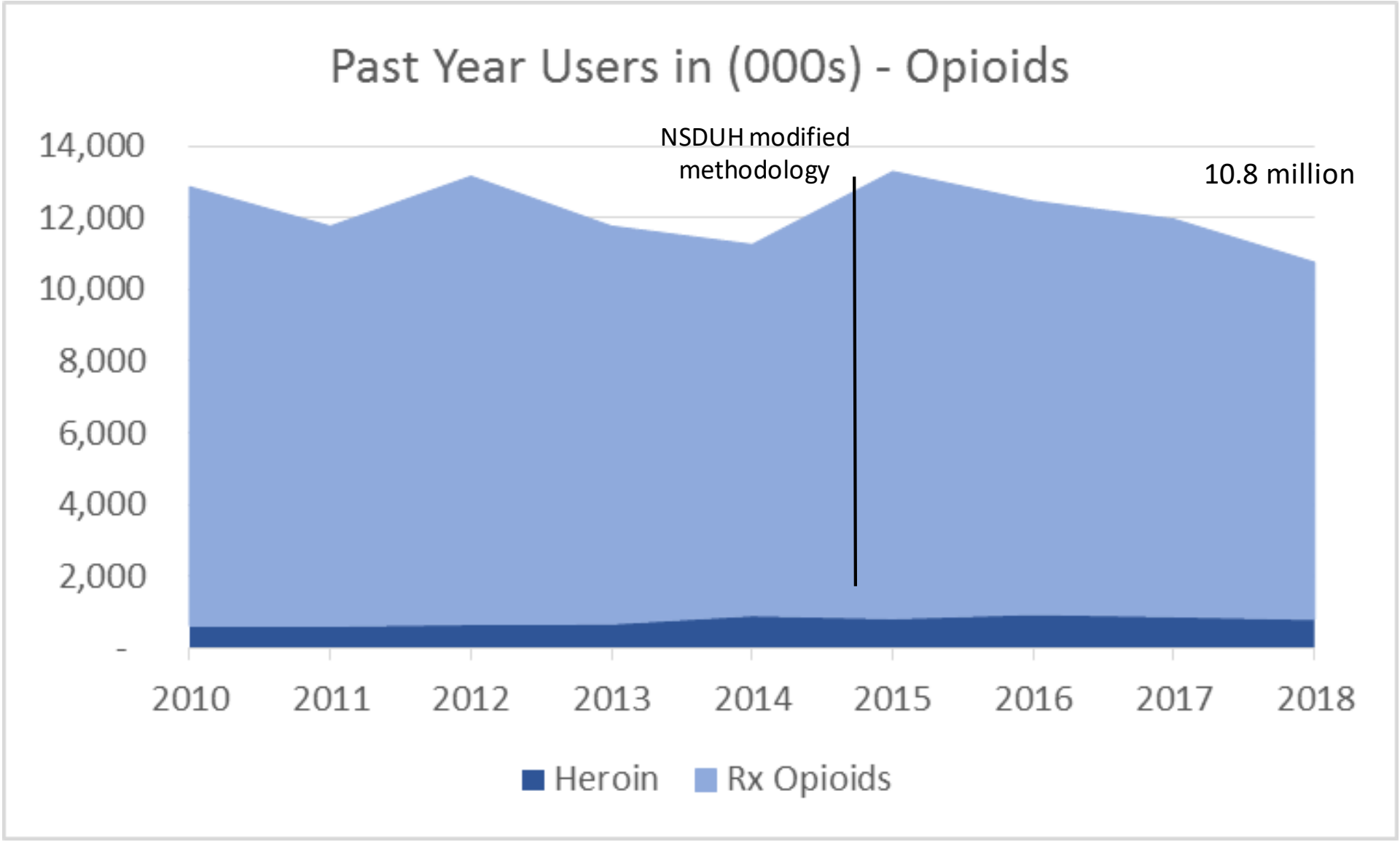
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New Initiates in (000s) - Stimulants



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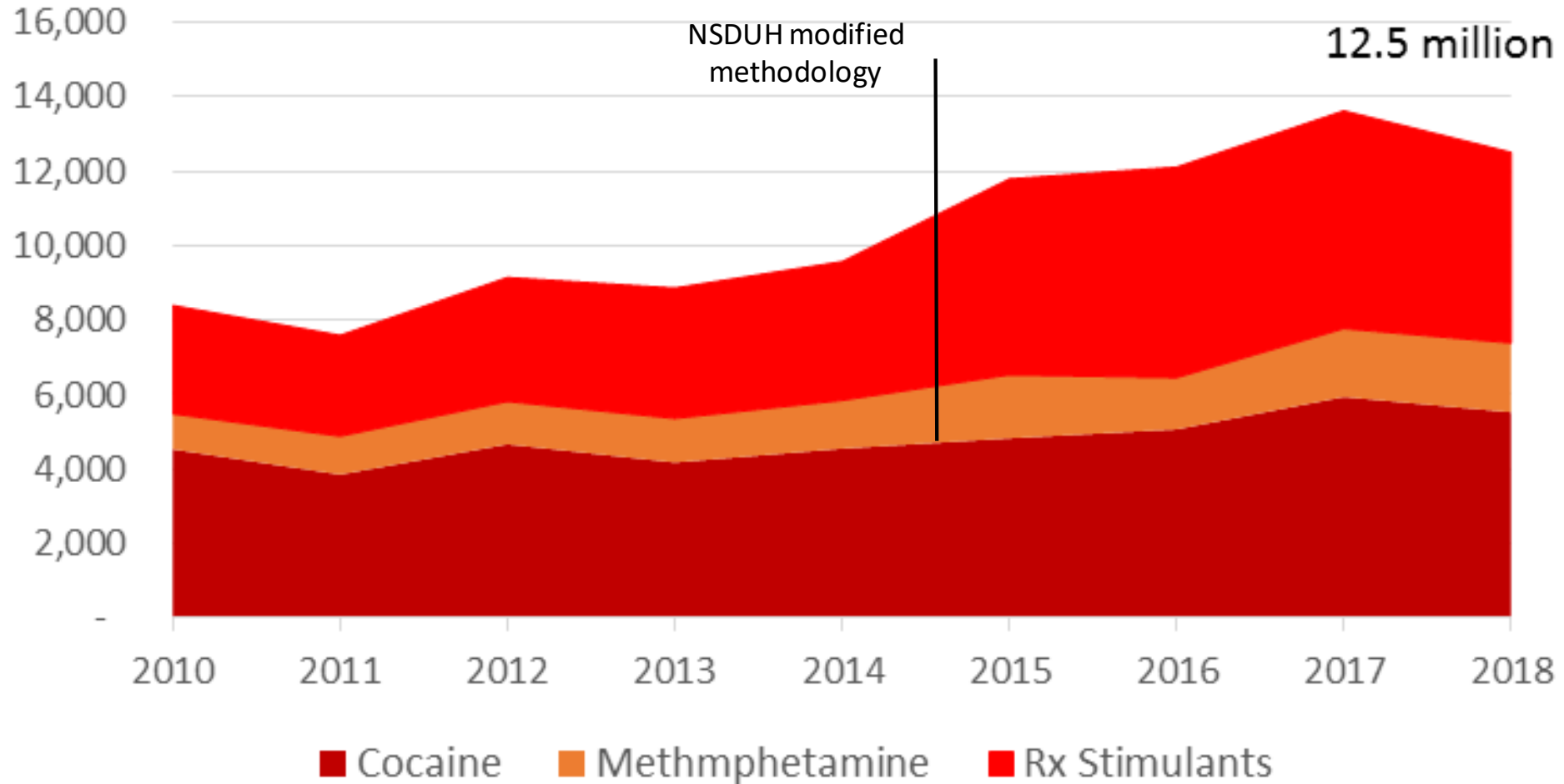


Past Year Nonmedical/Illicit Users in (000s) - Opioids

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Past Years Use in (000s) - Stimulants

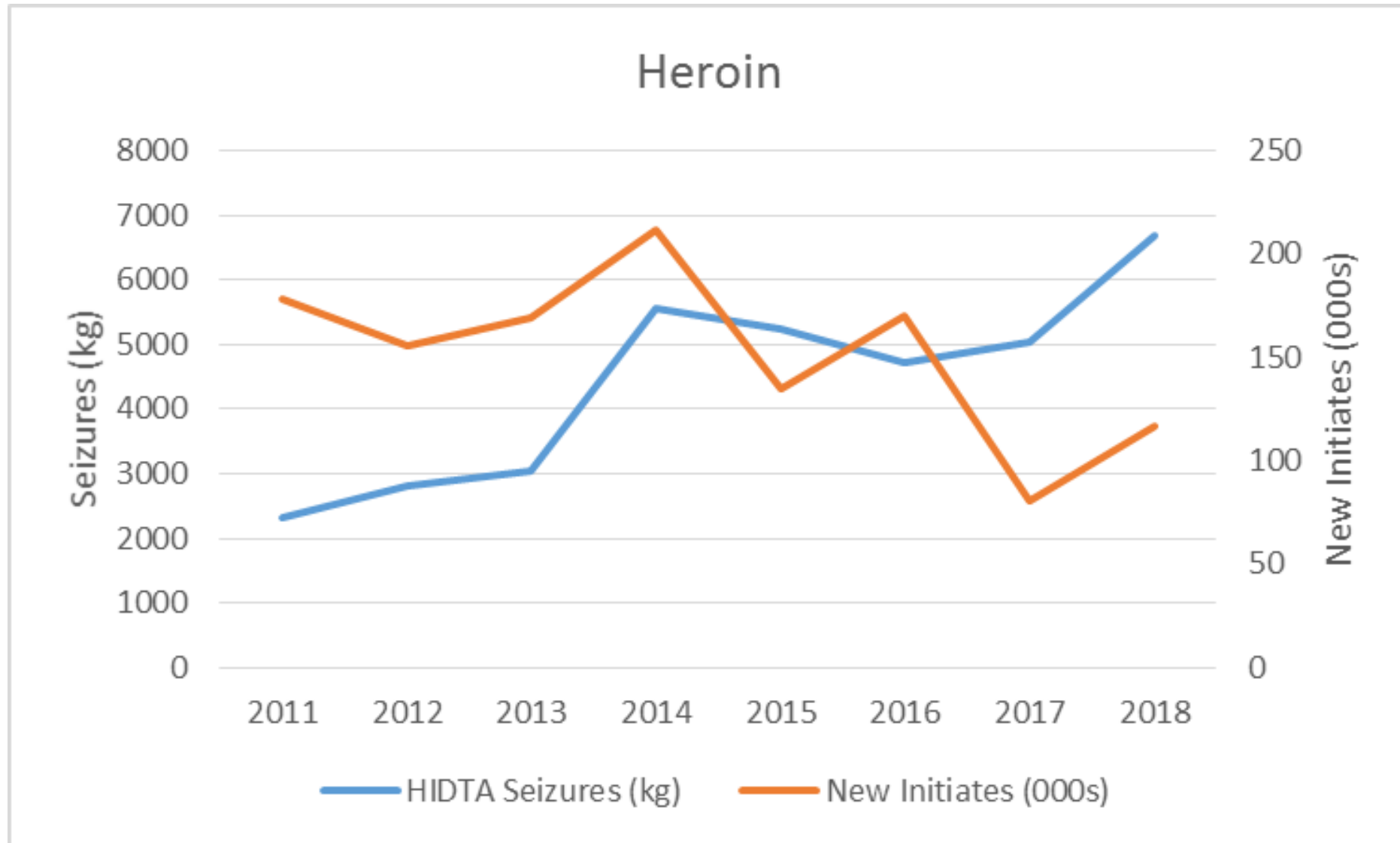




Supplies and Demand

- Opioids
- Stimulants

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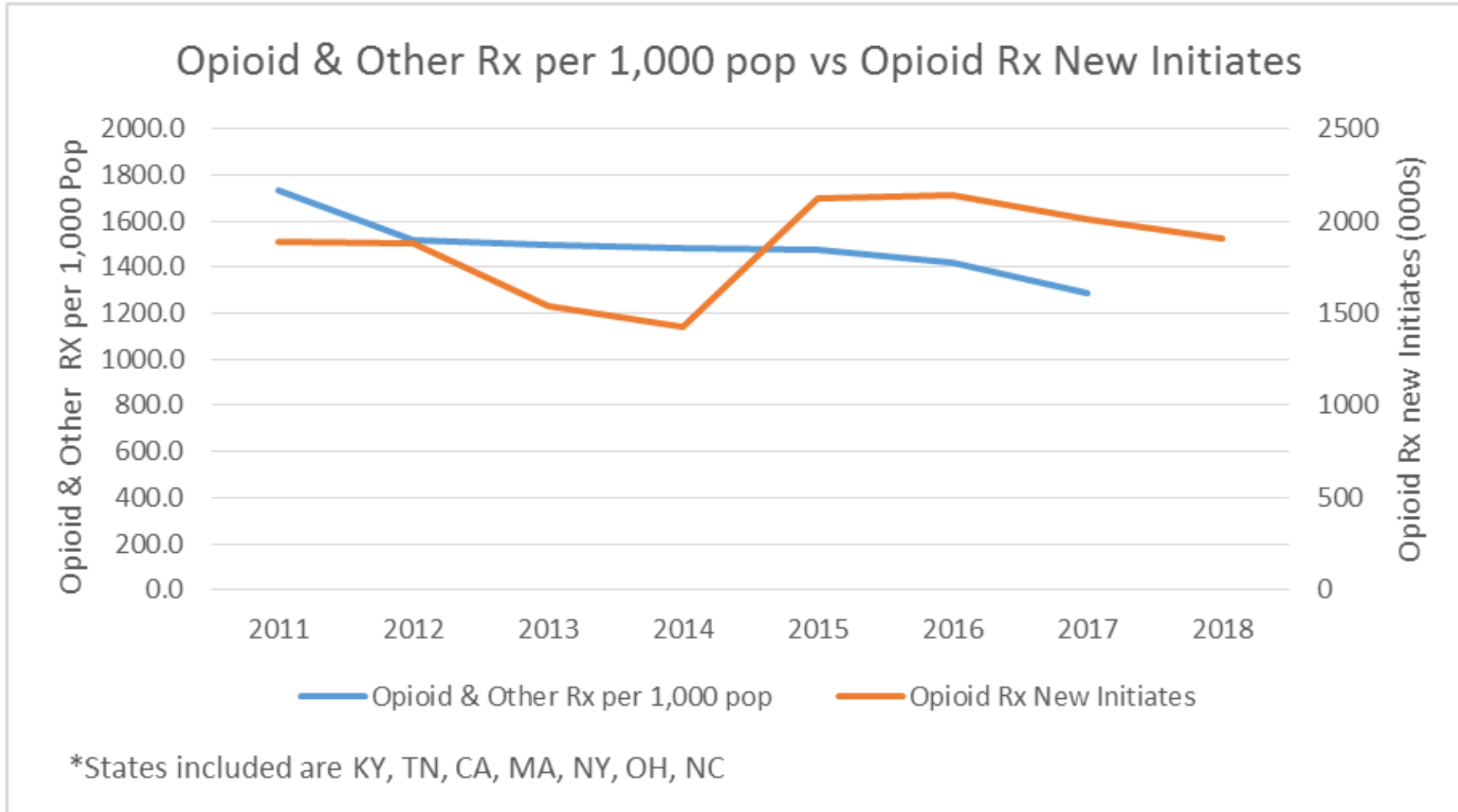


The graph above reflects heroin new Initiate data versus HIDTA Seizures from over a eight year period

Source: New Initiated - National Survey on Drug Use and Health by SAMHSA

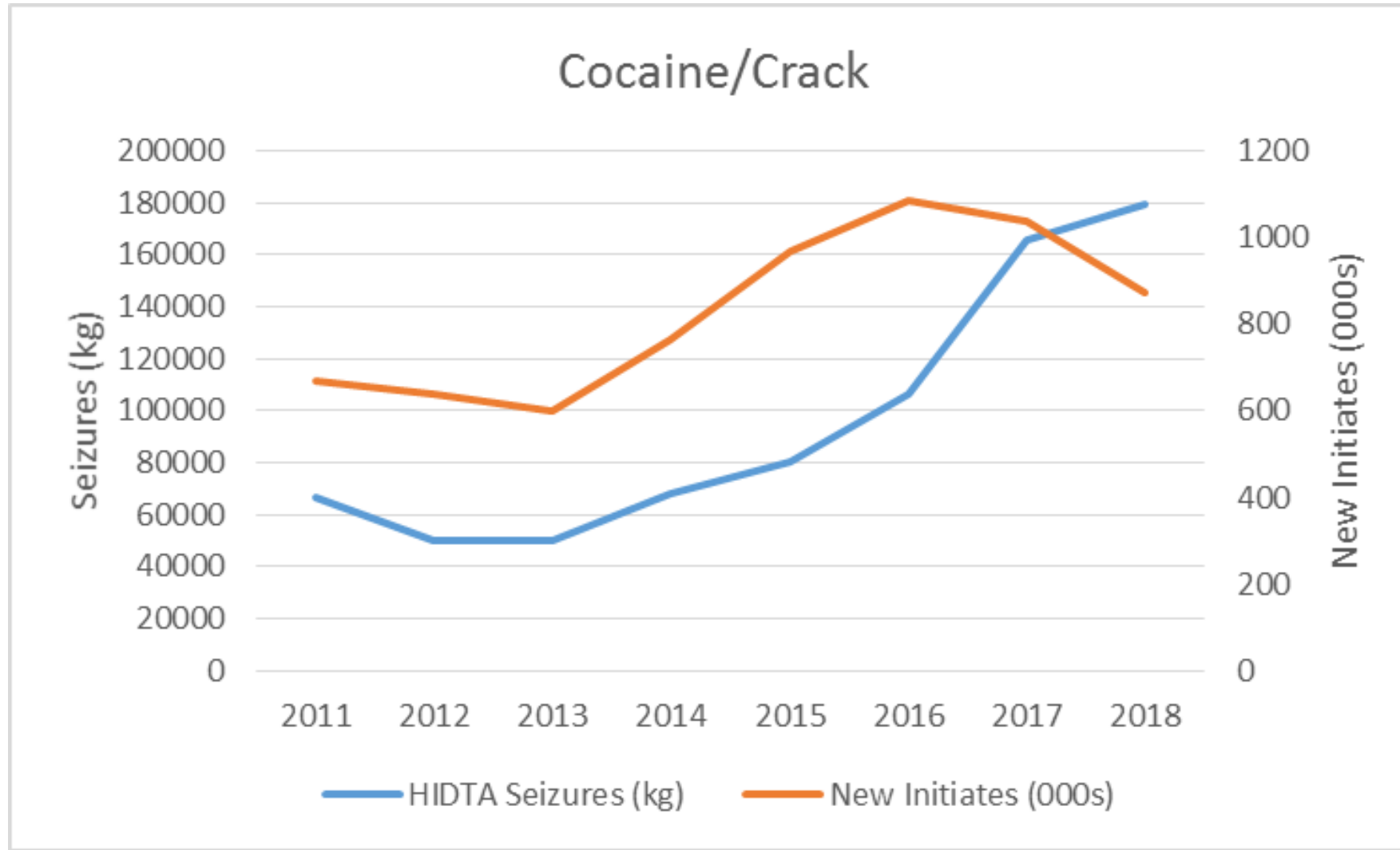
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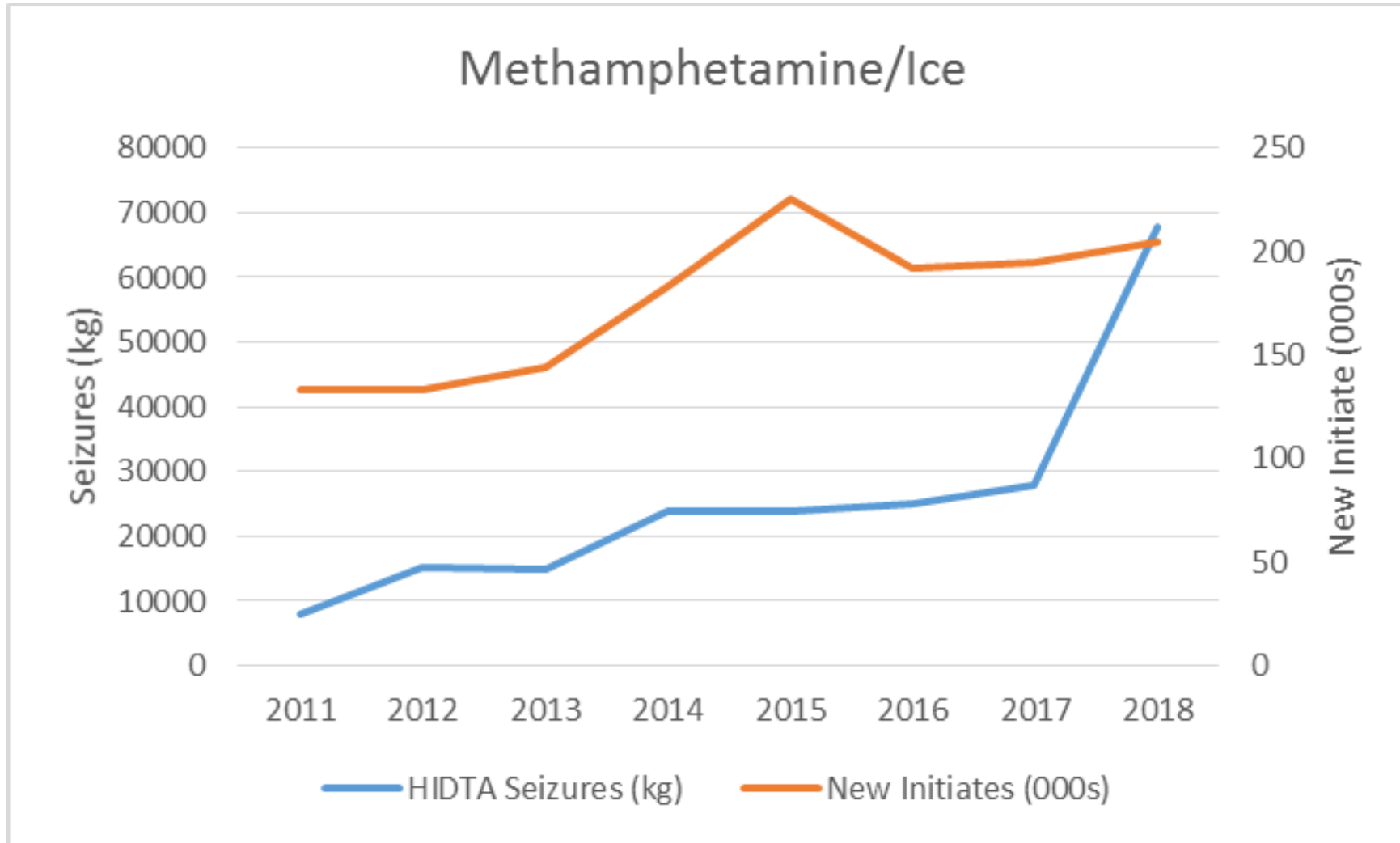
The graph compares Opioid & Other Prescription Rates for Representative States per 1,000 population against Opioid prescription New Initiates over a eight year period.

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The above graph reflects cocaine new Initiate data versus HIDTA Seizures from over a eight year period

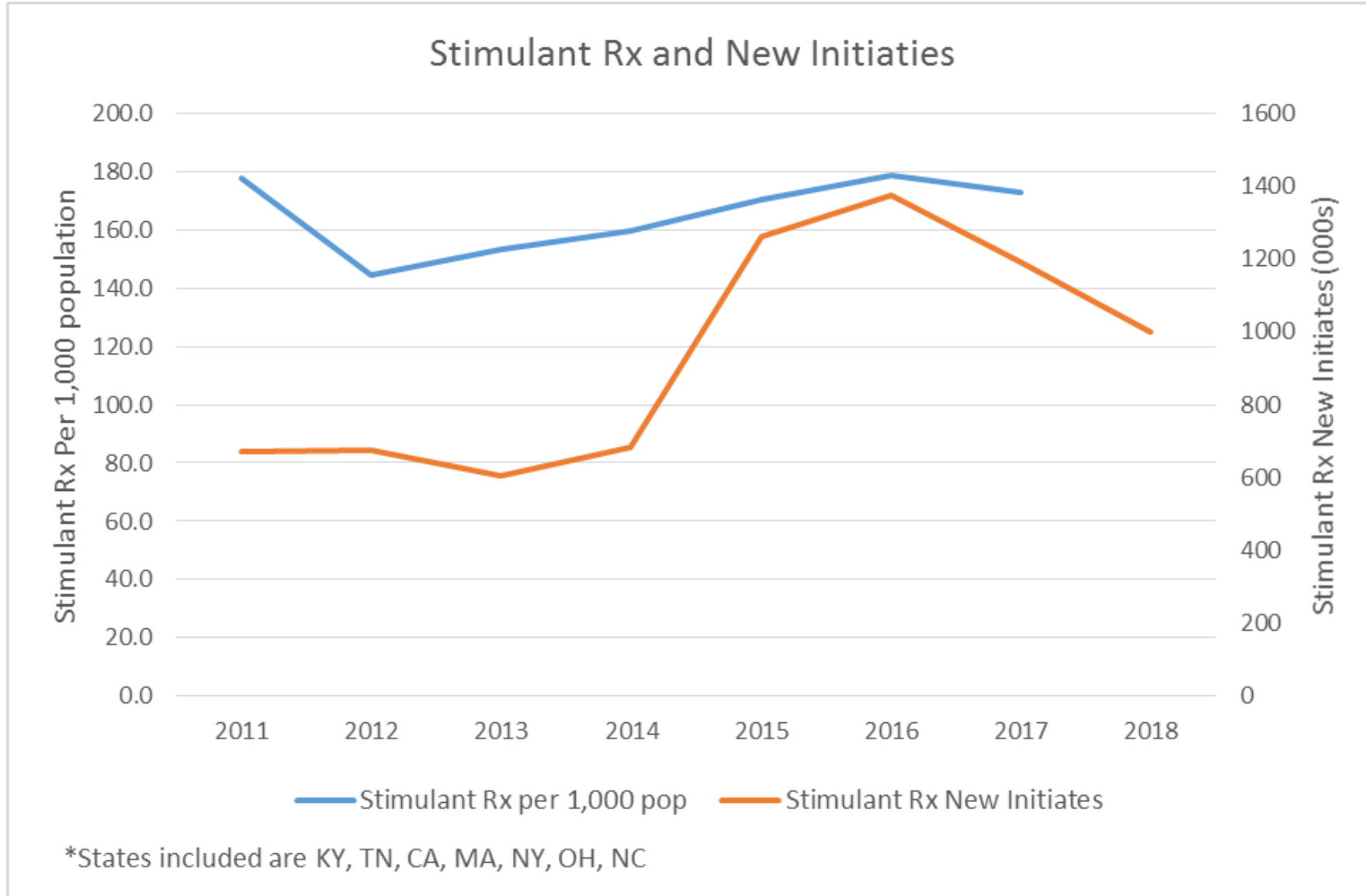
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The graph reflects methamphetamine new Initiate data versus HIDTA Seizures from over a eight year period

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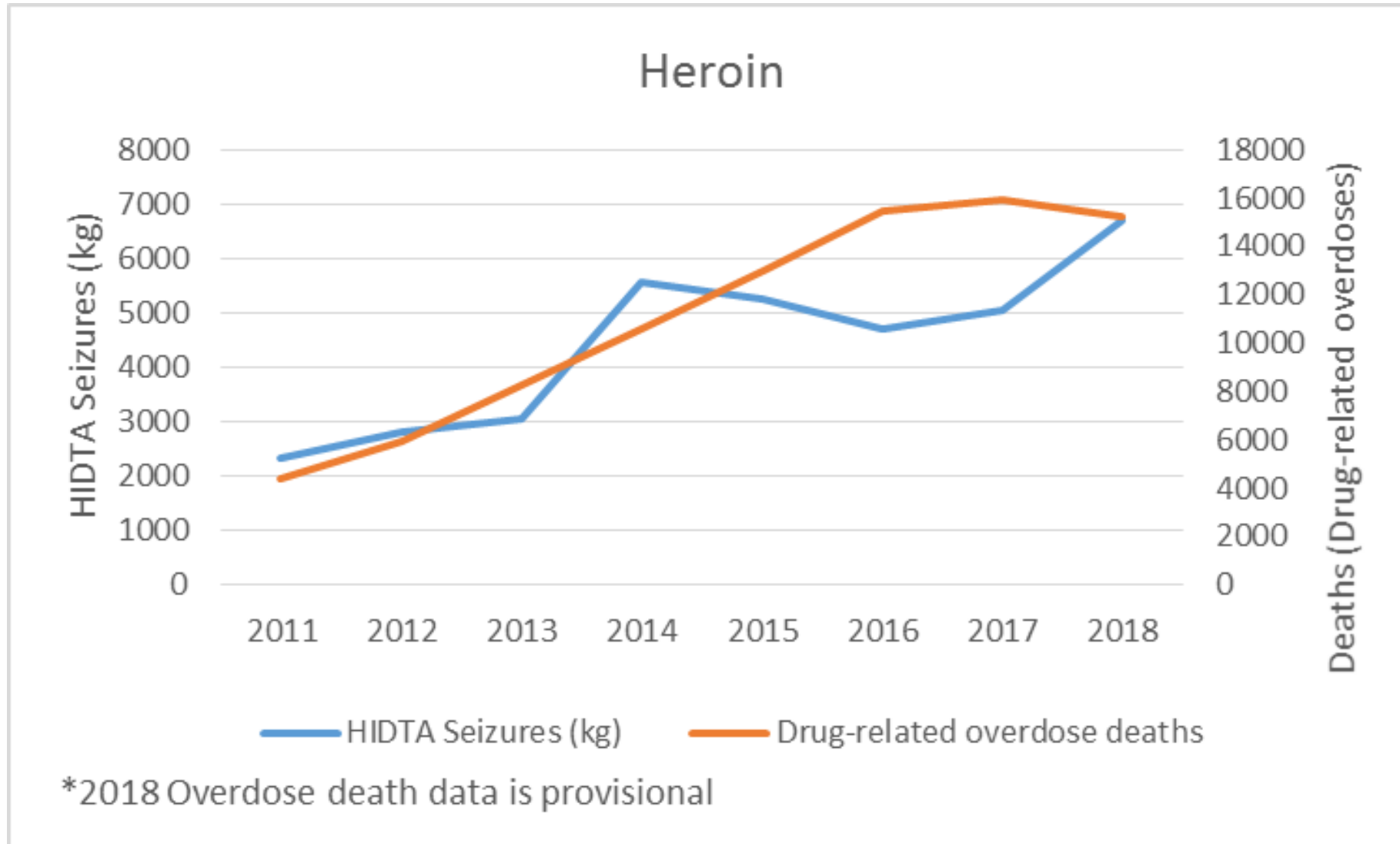
The graph reflects stimulant new Initiates data compared against stimulant prescriptions per 1,000 population



Supplies and Deaths

- Opioids
- Stimulants

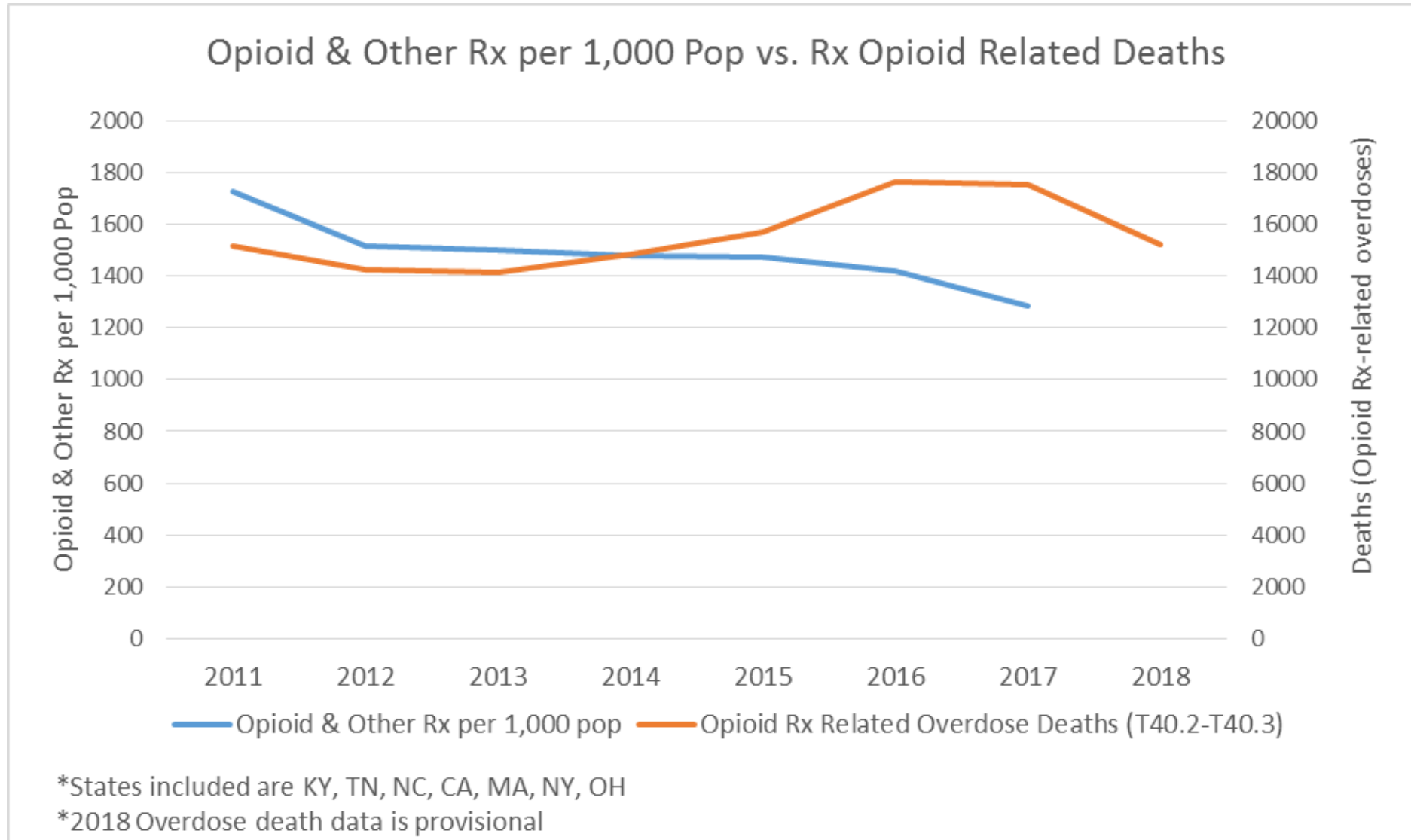
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The above graph compares HIDTA Heroin seizures to heroin related drug overdose deaths over a eight-year period.

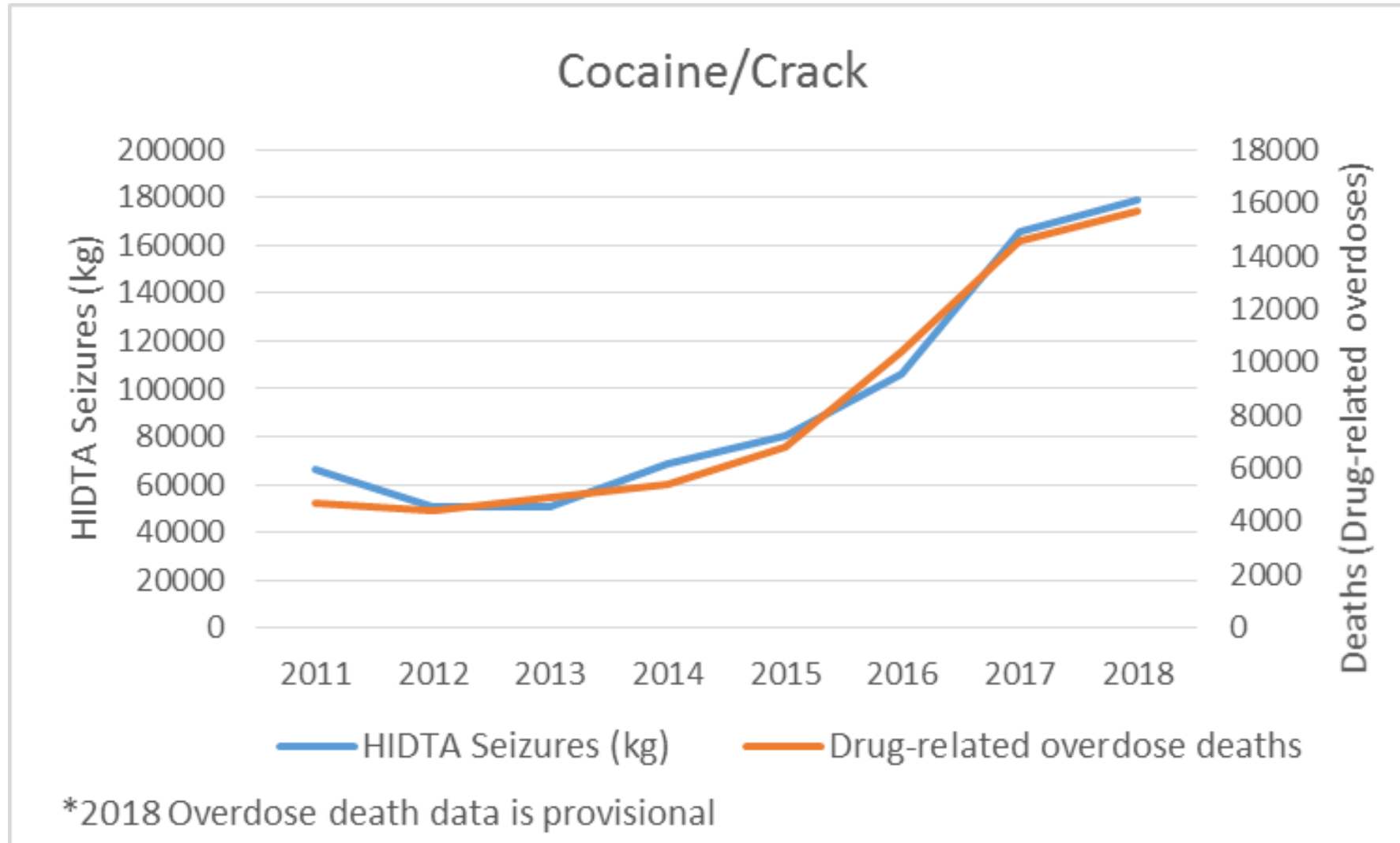
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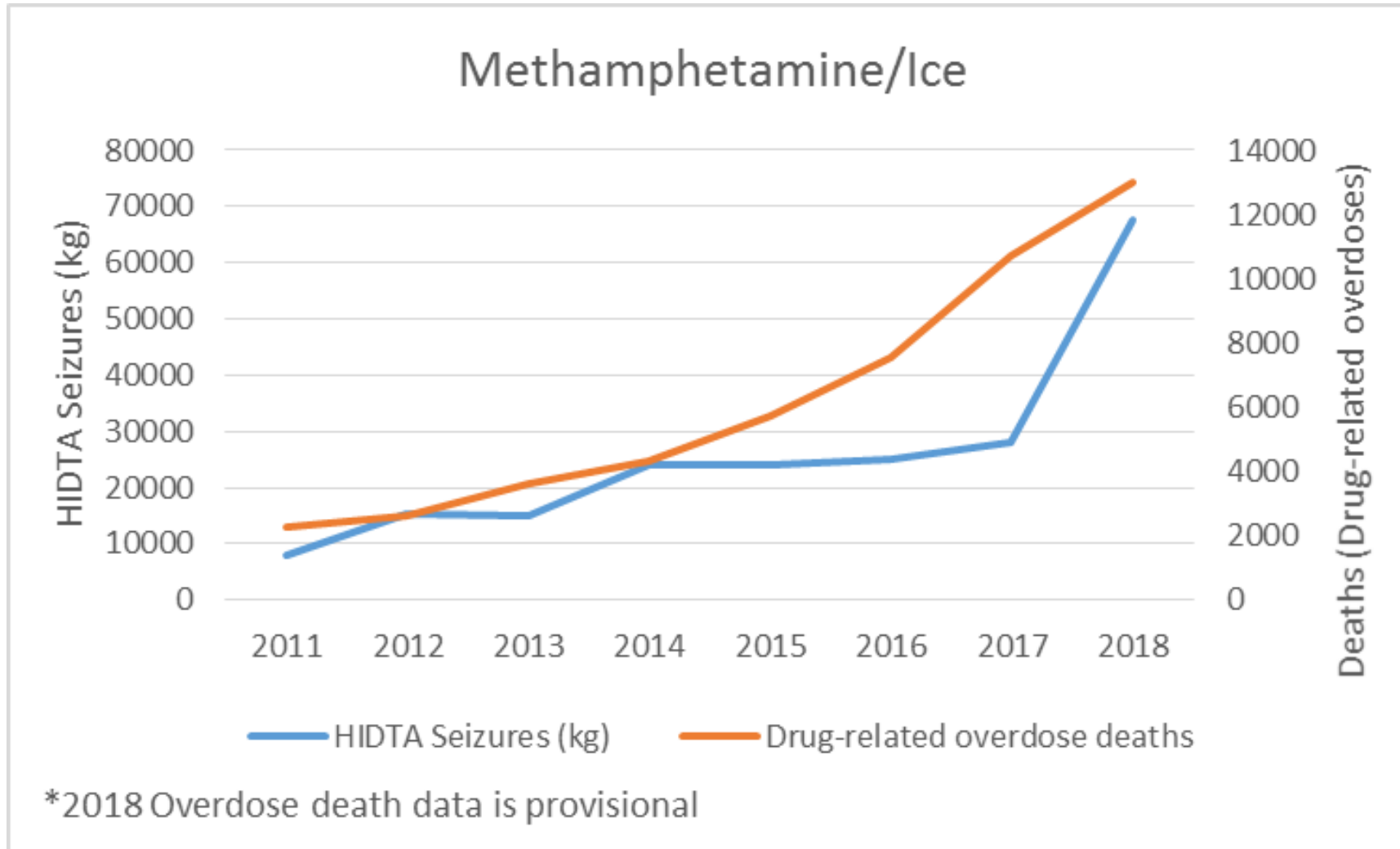
Opioid & other non-stimulant controlled substances Rx as reported by 7 state PDMPs for 2011 through 2017 compared to the provisional number of overdose deaths involving opioid Rx, as reported from CDC.

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The comparison of HIDTA seizures of Cocaine to deaths involving cocaine show rapid increases from 2011 through 2016, suggesting that the increased deaths are highly correlated with increasing supply.

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Methamphetamine seizures and deaths, while smaller in numbers than cocaine, are both increasing at a faster rate from 2011 to 2018.

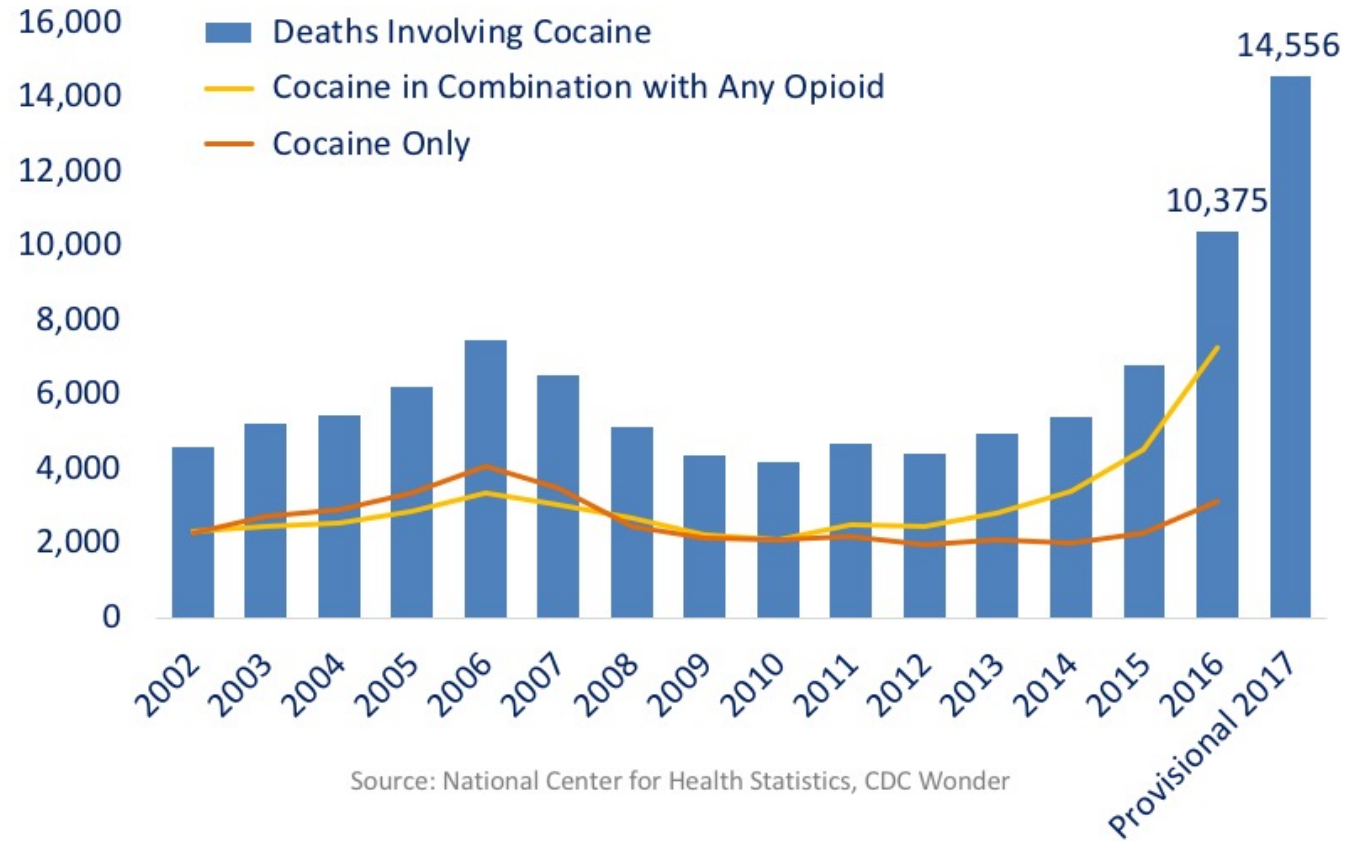


The Opioid Epidemic and Emergence of Major Stimulant Abuse are intertwined

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Opioid Involvement in Cocaine Overdose

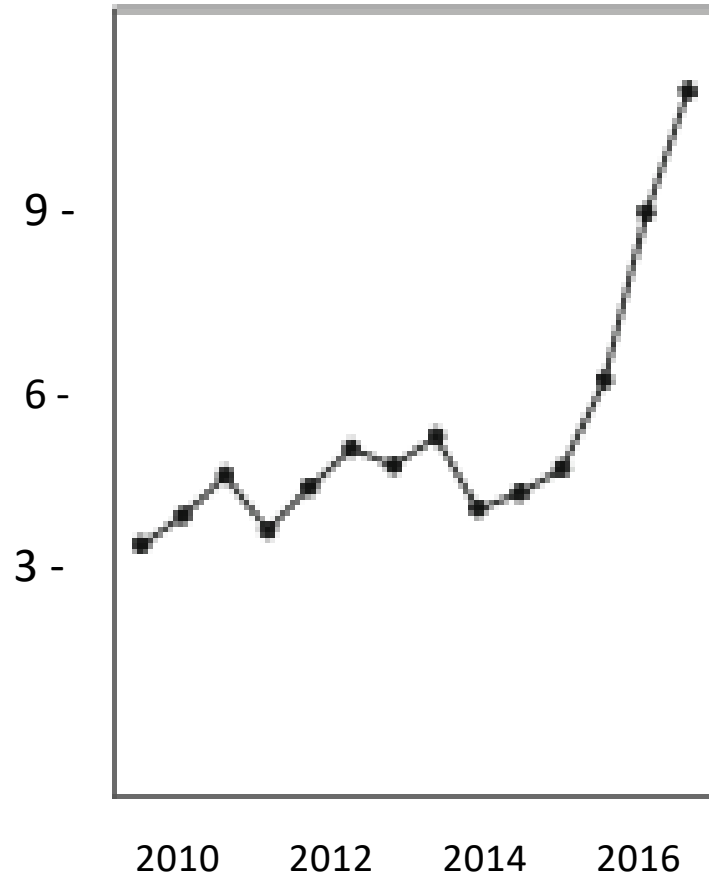


Source: National Center for Health Statistics, CDC Wonder



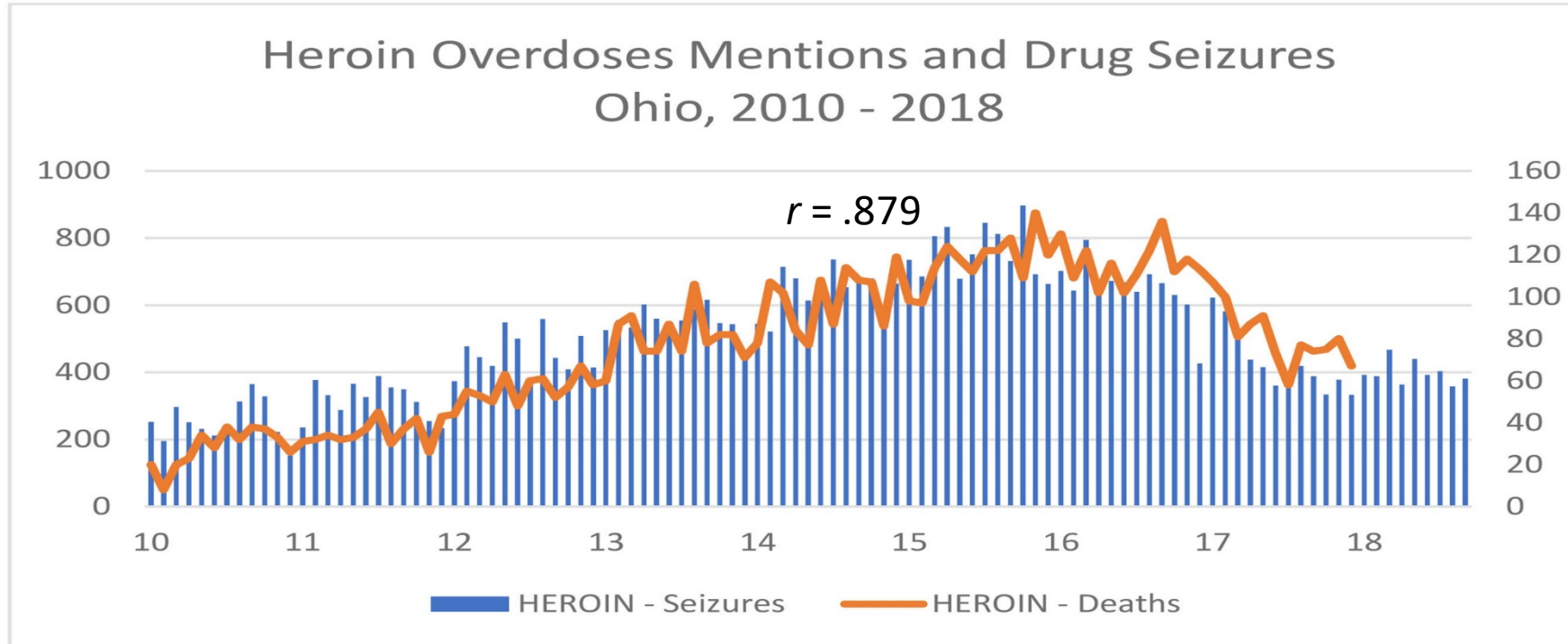
Cocaine OD Deaths in New York City

Age Adjusted Rate per 100,000 residents

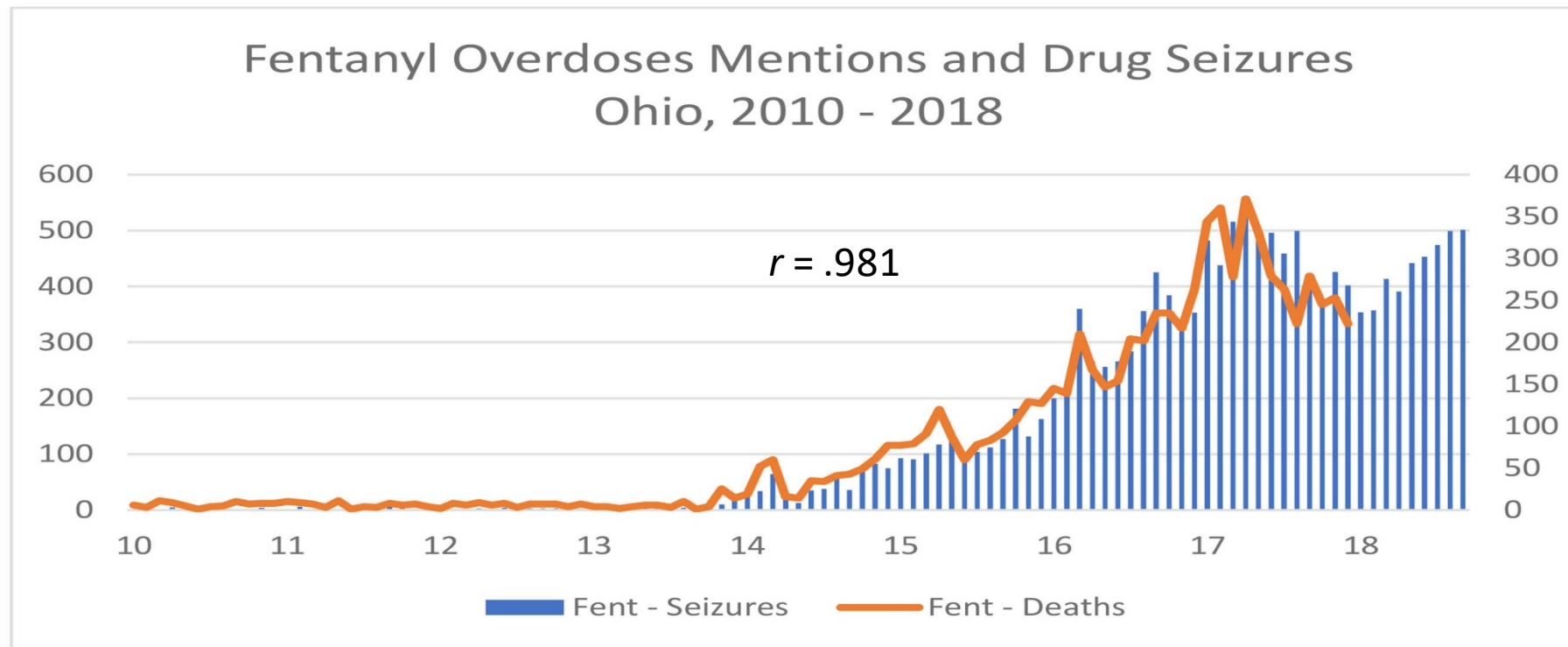


- Rate of cocaine overdose (OD) deaths doubled from 5.2 per 100,000 first half of 2015 to 10.4 last half of 2016.
- Primarily, cocaine was in combination with opioids, i.e. heroin and/or fentanyl.
- Cocaine with fentanyl accounted for 90% of the overall increase in rate of Cocaine OD deaths.

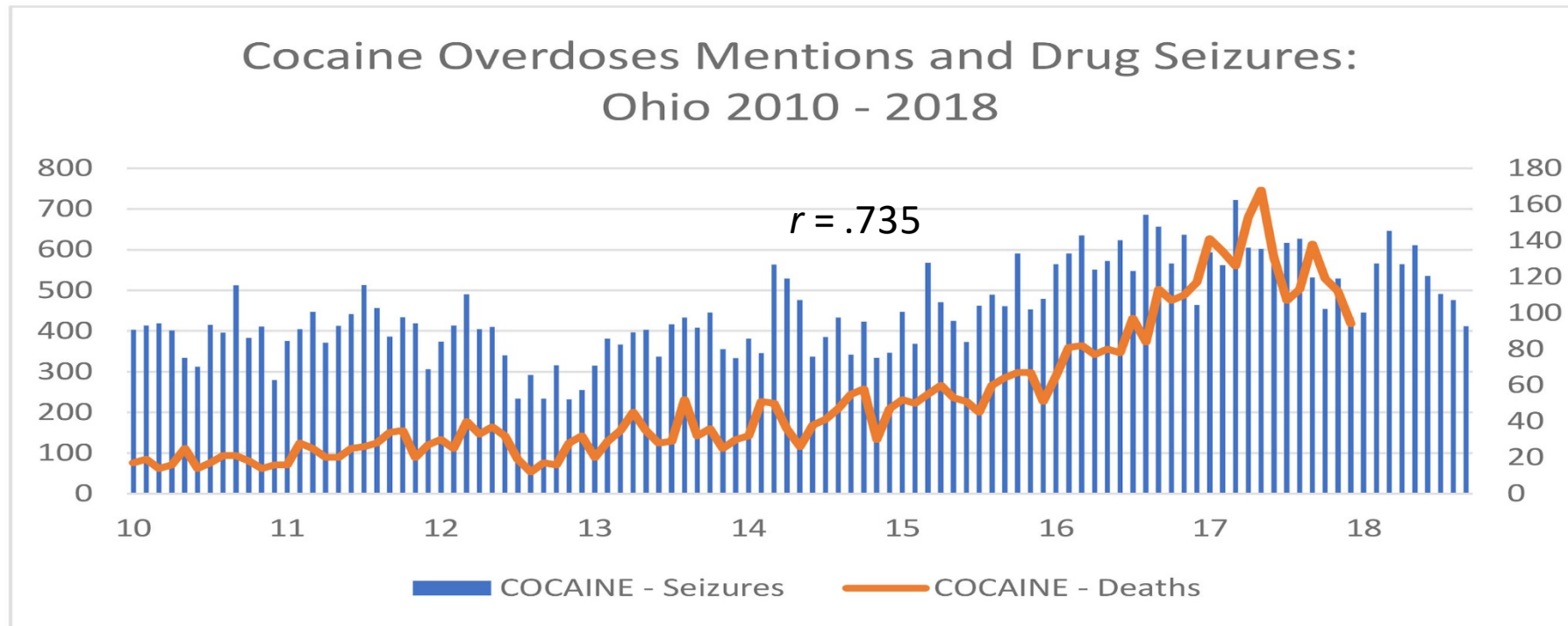
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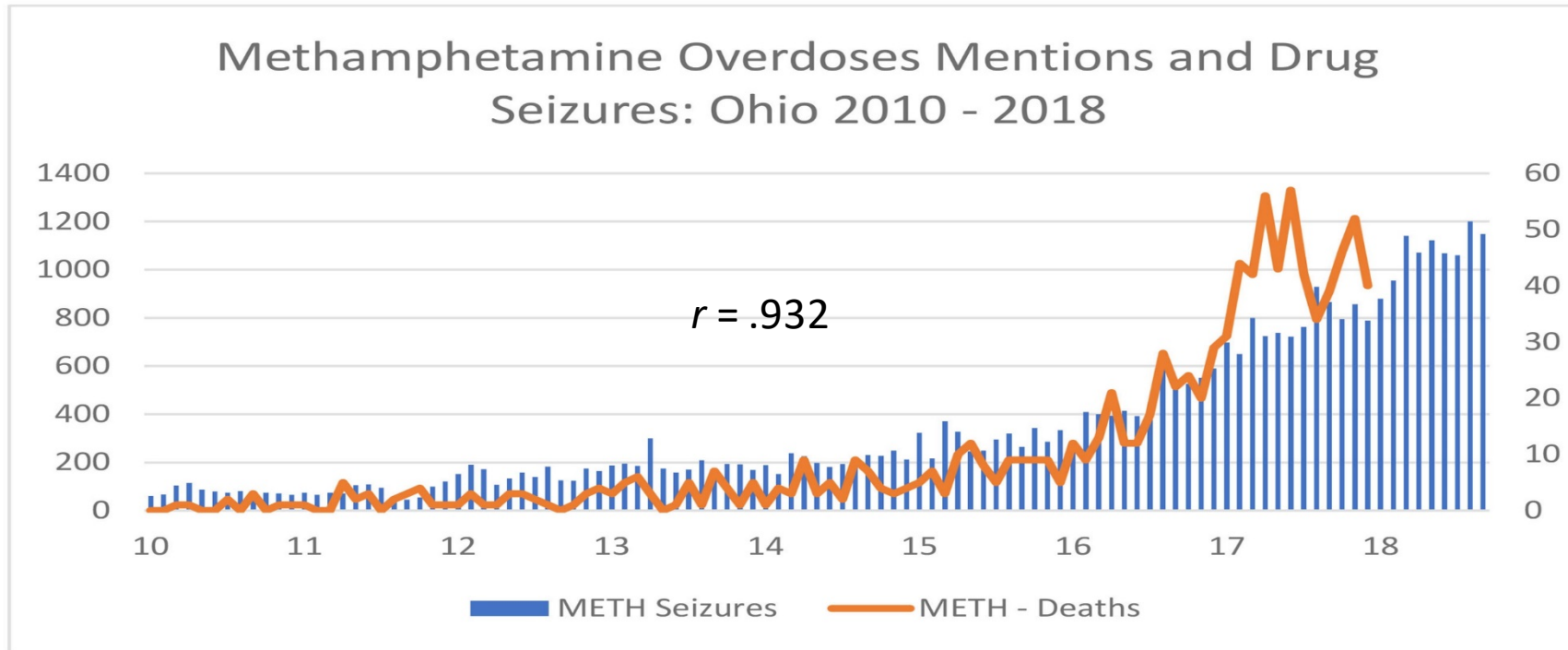
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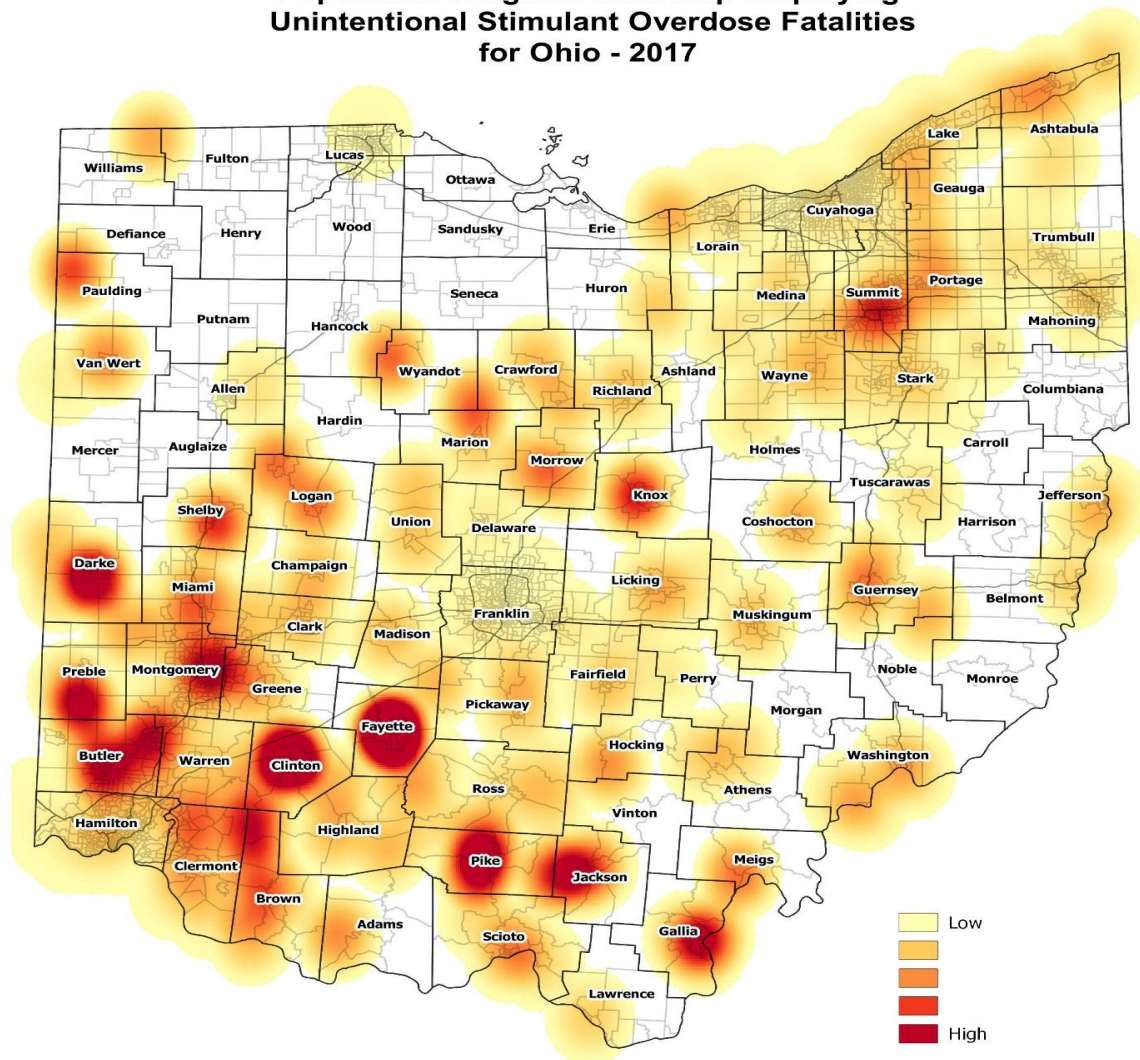


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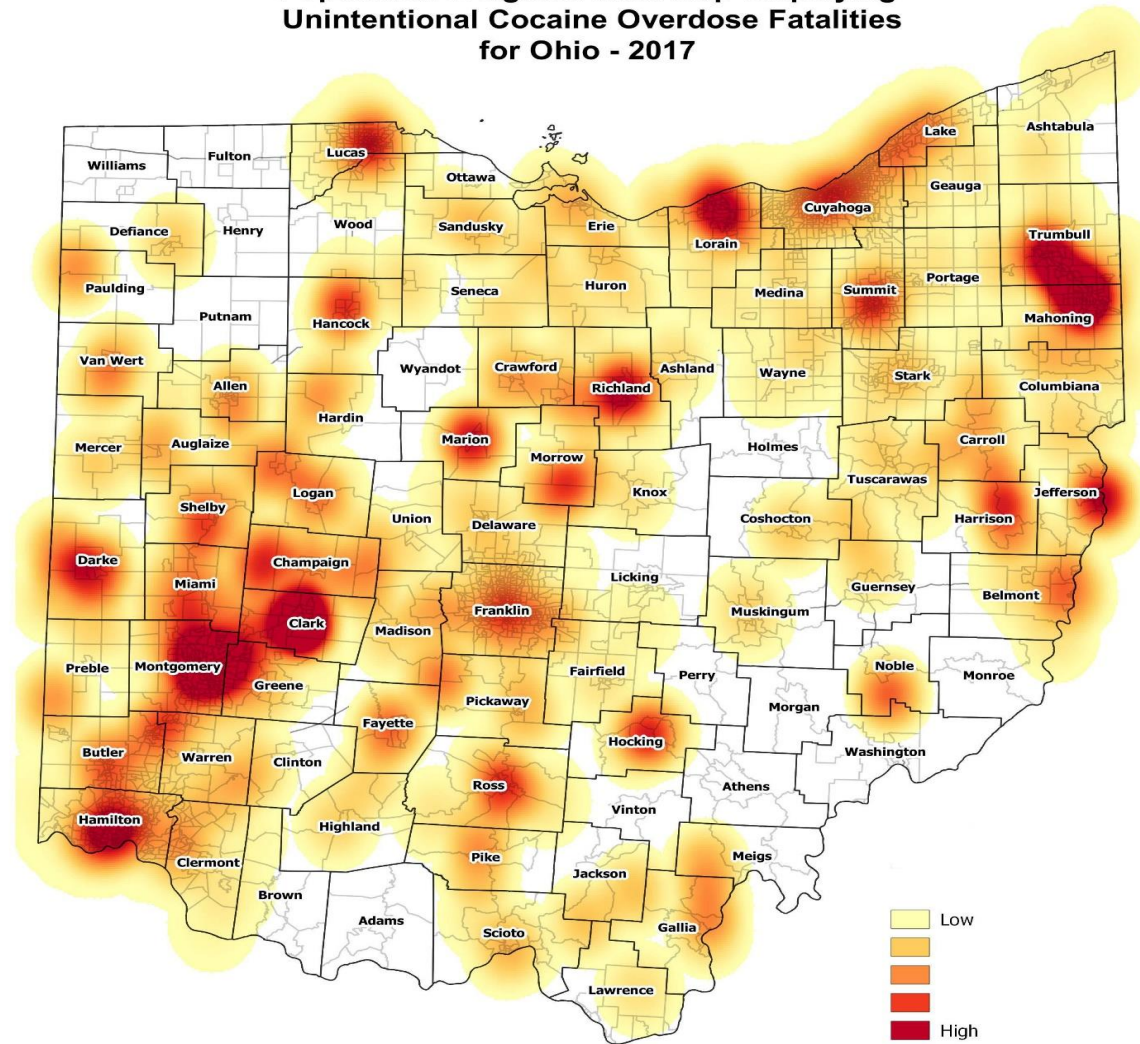
Population Weighted Heat Map Displaying Unintentional Stimulant Overdose Fatalities for Ohio - 2017



Source: Ohio Department of Health, Bureau of Vital Statistics, Ohio Death Certificate File. These data were provided by the Ohio Department of Health. The Department specifically disclaims responsibility for any analyses, interpretations or conclusions.



Population Weighted Heat Map Displaying Unintentional Cocaine Overdose Fatalities for Ohio - 2017



Source: Ohio Department of Health, Bureau of Vital Statistics, Ohio Death Certificate File. These data were provided by the Ohio Department of Health. The Department specifically disclaims responsibility for any analyses, interpretations or conclusions.



Contact Information

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