

Prevalence and Demographics of Opioid Intoxications in Central Ohio

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The Opioid Epidemic

- ☠ From 1999 to 2010, the number of U.S. drug poisoning deaths involving any opioid analgesic more than quadrupled, from 4,030 to 16,651 deaths.
- ☠ Each day, 78 people in the United States die from an opioid overdose.
- ☠ At least half of opioid overdoses involve a prescription opioid painkiller.

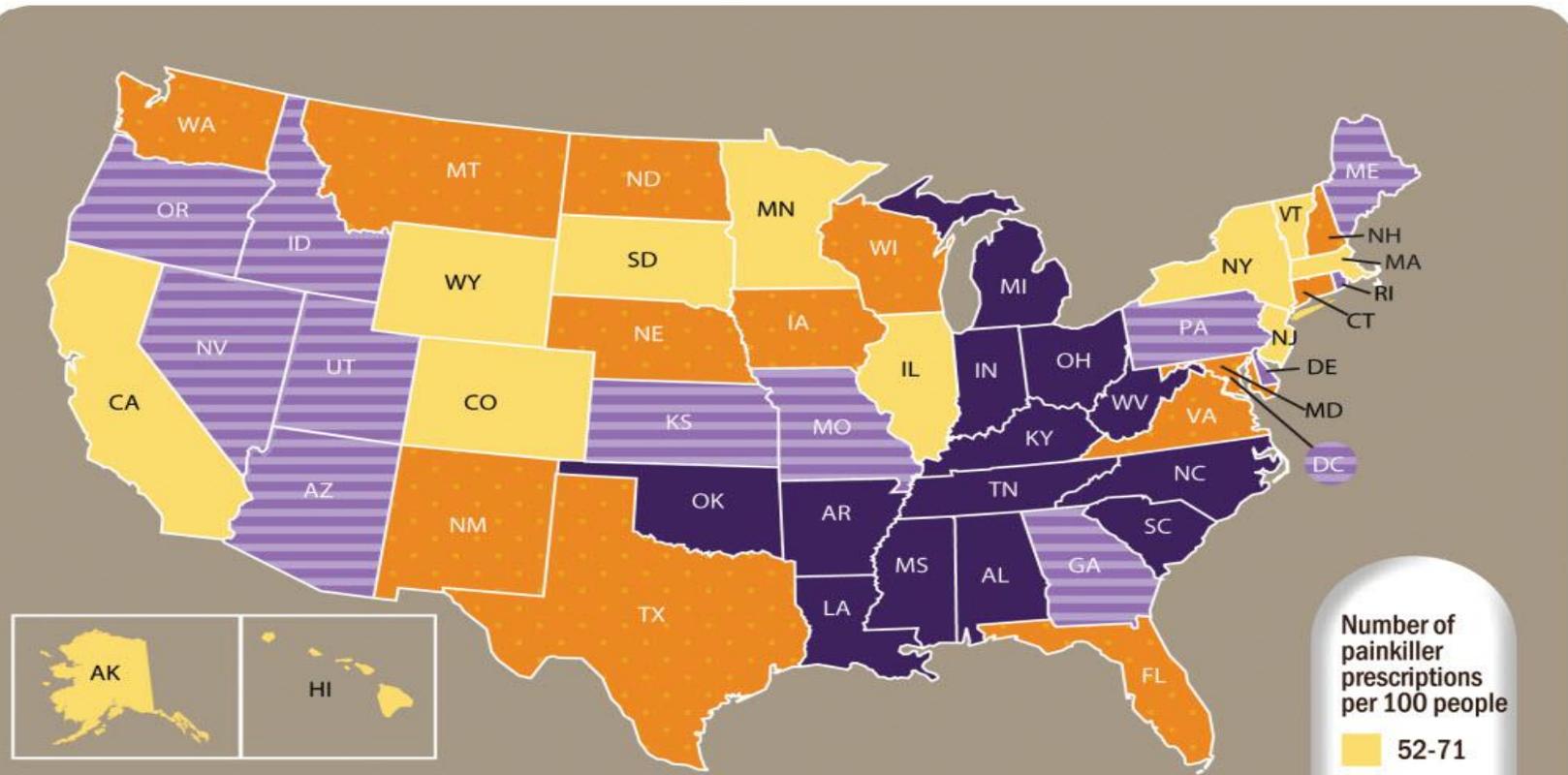
The Opioid Epidemic

- ☠ Drug overdose was the leading cause of injury death in 2013, surpassing motor vehicle traffic deaths.
- ☠ Oxycodone abuse and related deaths were recognized between 2001-2010
- ☠ Overdoses are known to increase with number of opioids dispensed.

Opioids Defined

Generic Name	Brand Name	Schedule
Buprenorphine	BUTRANS, BUPRENEX	Schedule III
Butorphanol	BUTORPHANOL NS	Schedule IV
Codeine (acetaminophen and other combination products)	TYLENOL W. CODEINE #3, TYLENOL W. CODEINE #4	Schedule III
Dihydrocodeine/ASA/caffeine	SYNALGOS-DC	Schedule III
Fentanyl	DURAGESIC, ACTIQ, ABSTRAL, LAZANDA, FENTORA, SUBSYS, SUBLIMAZE, ONSOLIS, IONSYS	Schedule II
Hydrocodone	ZOXYDOL ER	Schedule II
Hydrocodone (acetaminophen combination products)	XODOL, MAXIDONE, ZYDONE, LORCET, HYCET, ZAMICET, CO-GESIC, ZOLVIT, STAGESIC, LIQUICET, LORTAB, VICODIN, NORCO	Schedule II <i>(Effective October 6, 2014)</i>
Hydrocodone (ibuprofen combination products)	IBUDONE, REPRESXAIN, VICOPROFEN	Schedule II
Hydromorphone	DILAUDID, EXALGO	Schedule II
Meperidine	DEMEROL	Schedule II
Methadone	DOLOPHINE, METHADOSE	Schedule II
Morphine Sulfate	MS CONTIN, AVINZA, DURAMORPH, KADIAN, DEPODUR, ASTRAMORPH, IMFUMORPH	Schedule II
Oxycodone	OXECTA, ROXICODONE, OXYCONTIN	Schedule II
Oxycodone (acetaminophen, aspirin and other combination products)	PERCODAN, PERCOCET, ROXICET, ENDOCET, XOLOX, TYLOX, PRIMLEV, MAGNACET, XARTEMIS XR	Schedule II
Oxymorphone	OPANA, NUMORPHAN	Schedule II
Tapentadol	NUCYNTA	Schedule II
Tramadol	ULTRAM, ULTRACET, RYZOLT, CONZIP, RYBIX	Schedule IV <i>(Effective August 18, 2014)</i>

State Opioid Distribution Comparison



Some states have more painkiller prescriptions per person than others.

SOURCE: CDC Vital Signs, July 2014. cdc.gov/vitalsigns.



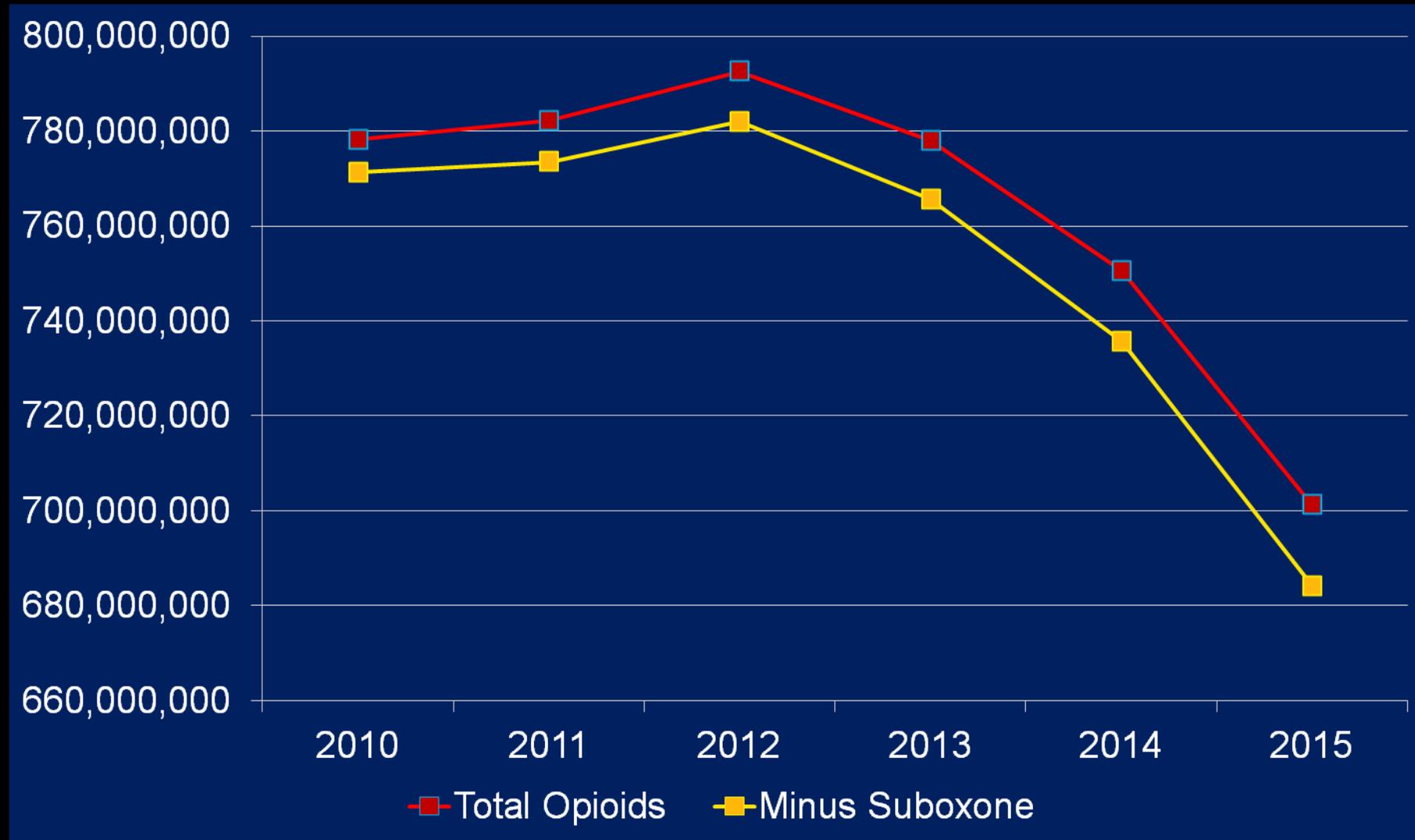
OHIO AUTOMATED
RX REPORTING SYSTEM

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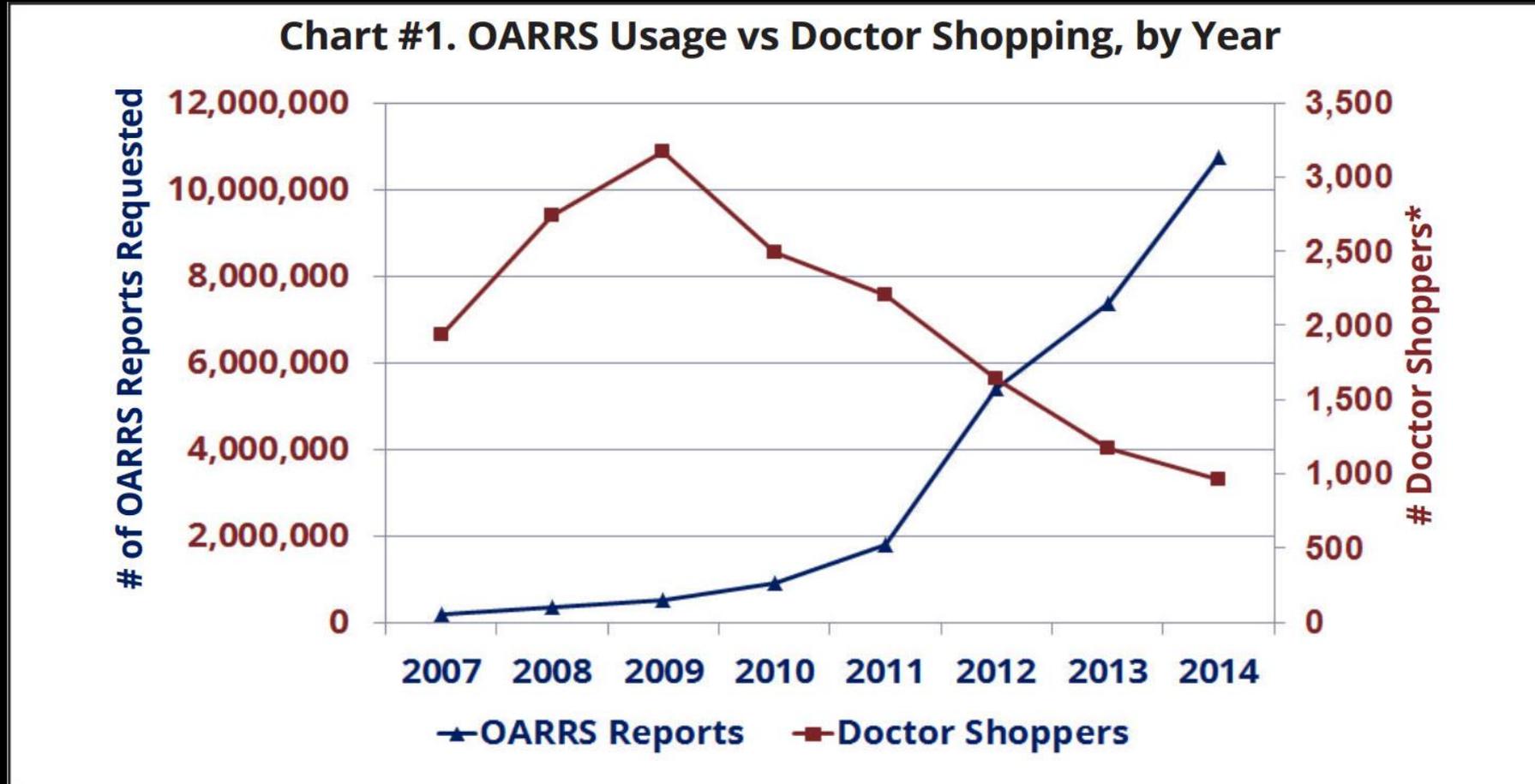


- OARRS has been available since 2008 to verify controlled substance prescribing record.
- Beginning April 1, 2015, Ohio law established requirements for Ohio prescribers to request and assess patient information when prescribing opioids or benzodiazepines.
- Beginning February 1, 2016, prior to dispensing a prescription for a controlled substance, a pharmacist shall request and review an OARRS report covering at least a one year time period

Total Opioid Doses Dispensed in Ohio 2010 - 2015

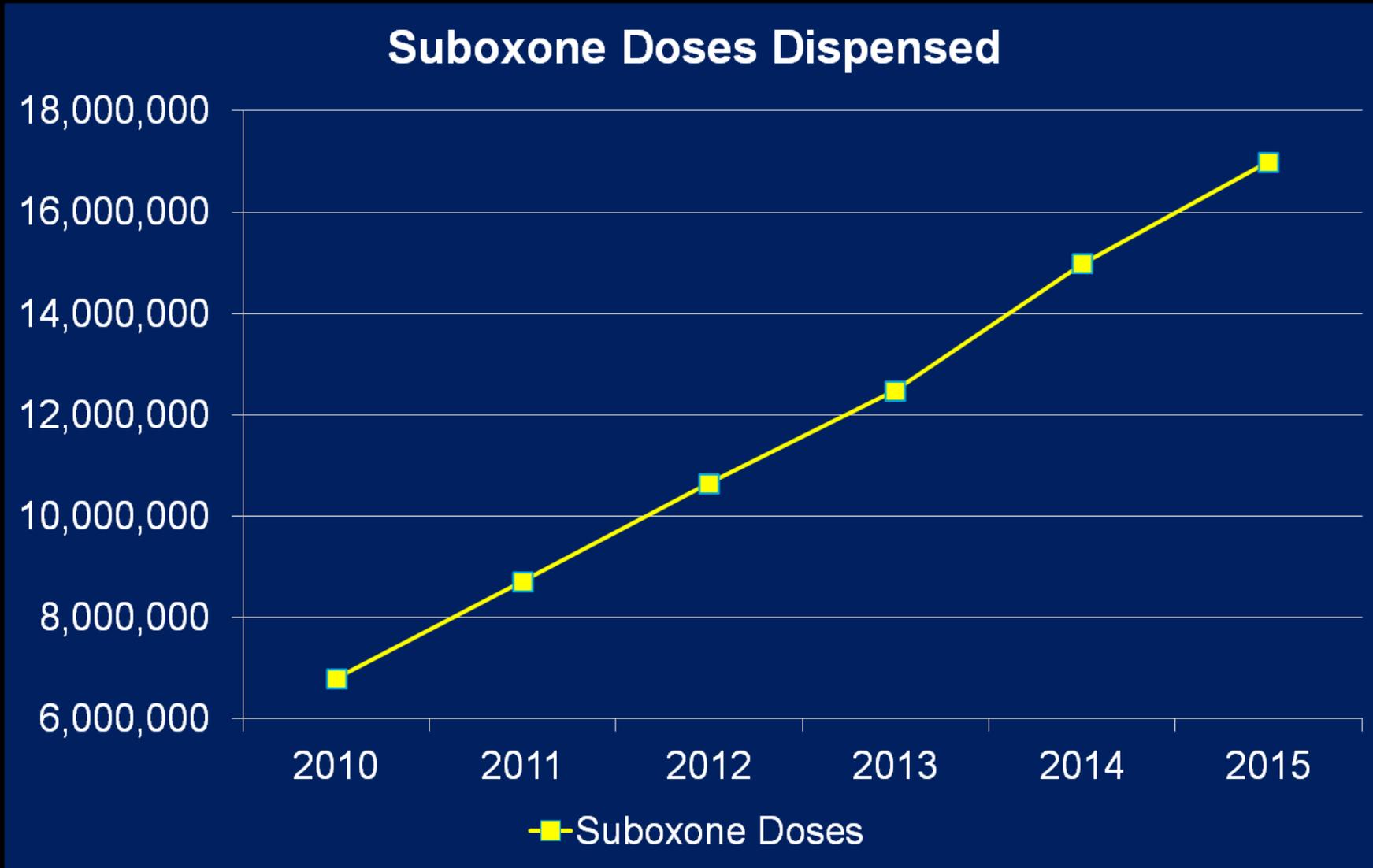


OARRS Impact on Doctor Shopping 2007-2014

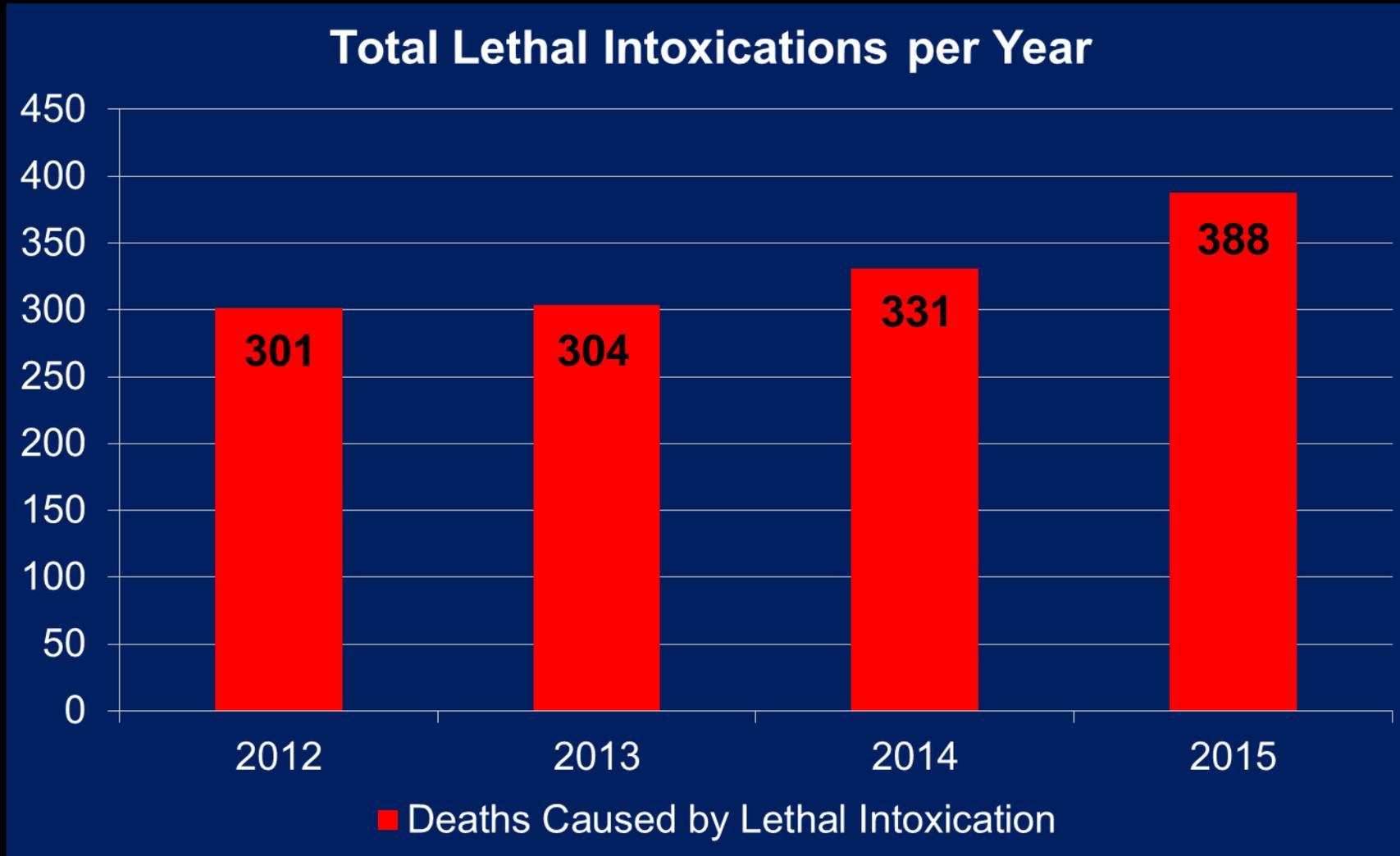


* A doctor shopper is defined as an individual who visits, at a minimum, five prescribers and five pharmacies in a single month.

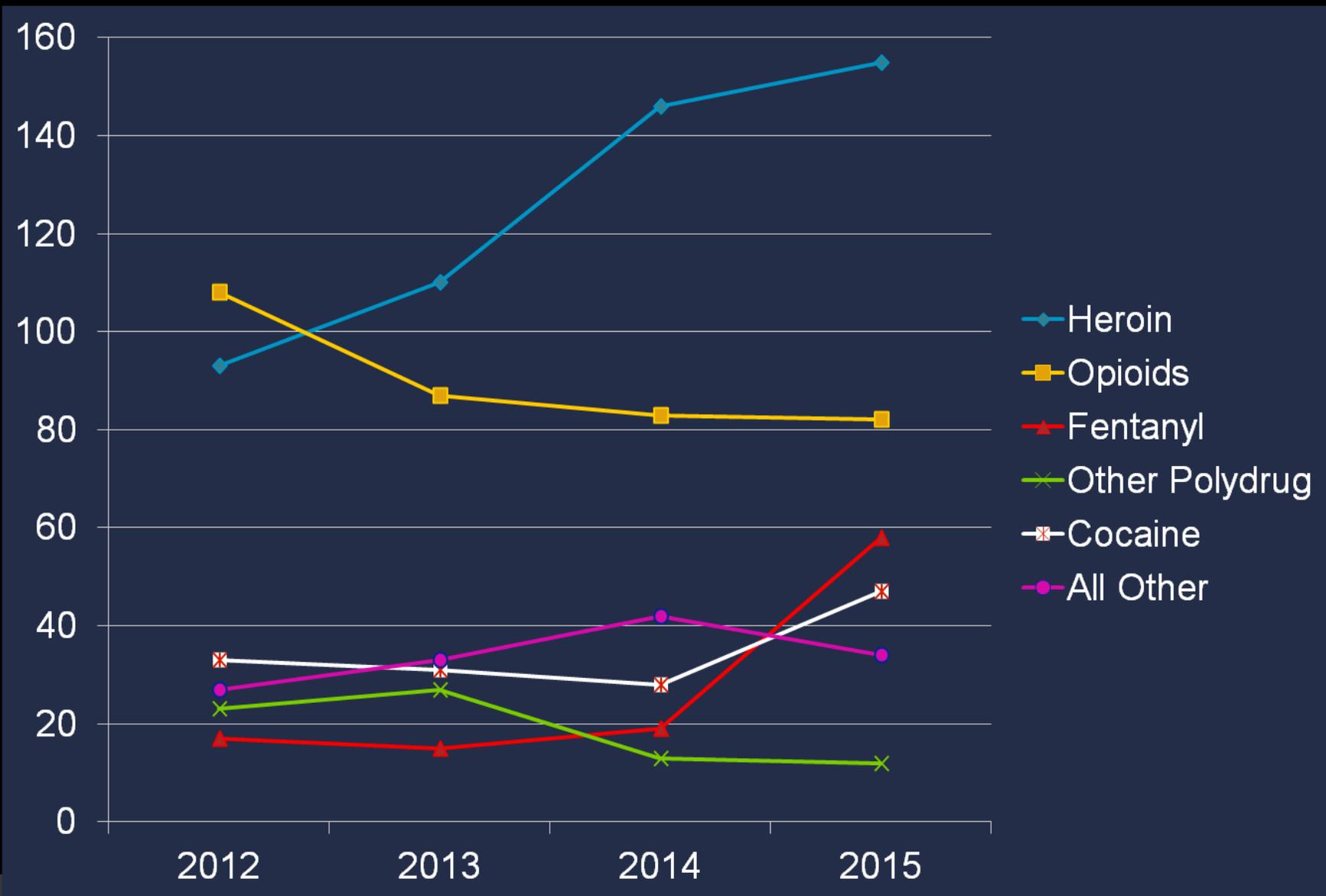
Suboxone Doses Dispensed in Ohio 2010 - 2015



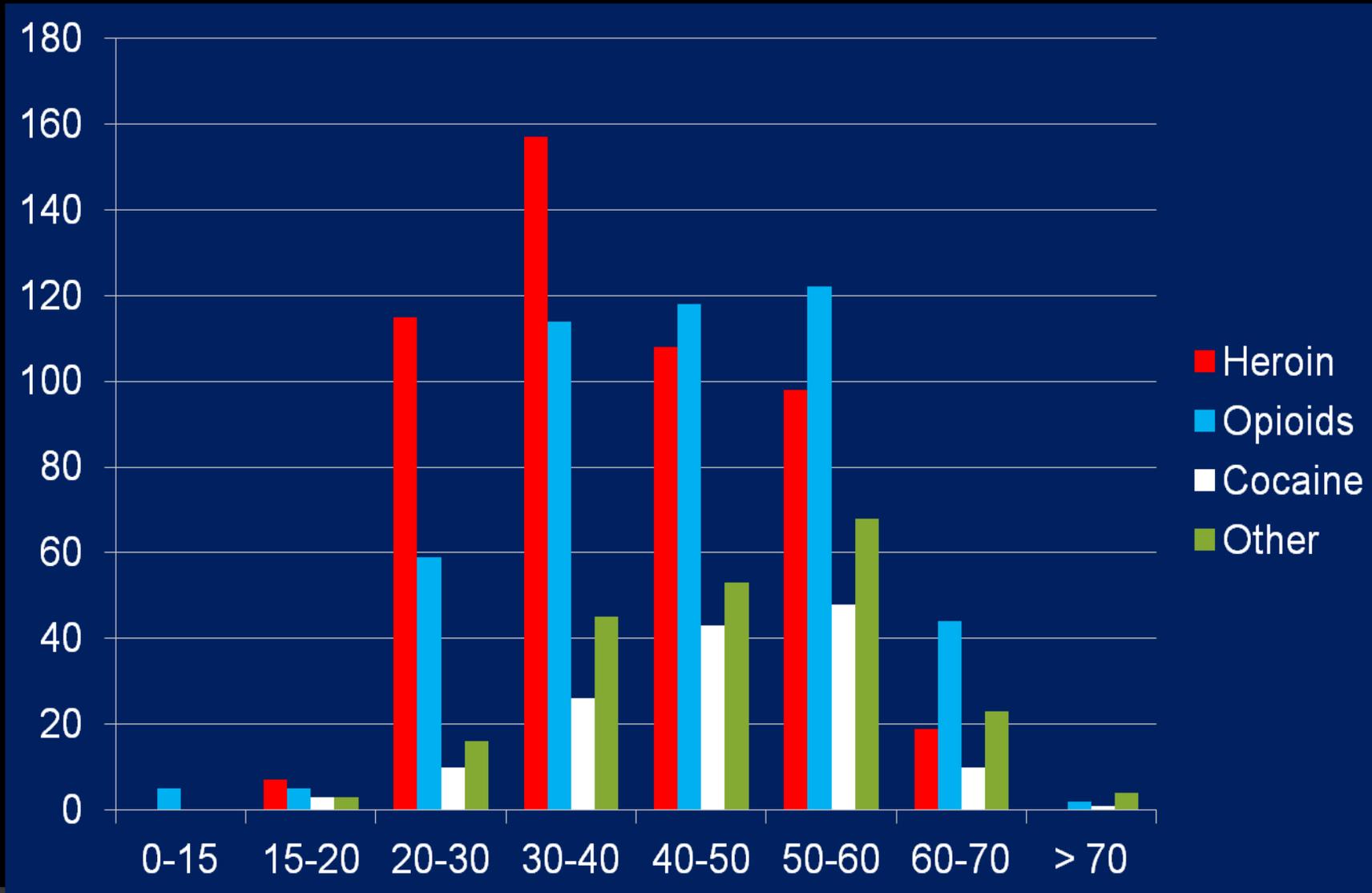
Central Ohio Overdoses 2012 - 2015



Central Ohio Overdoses 2012 - 2015

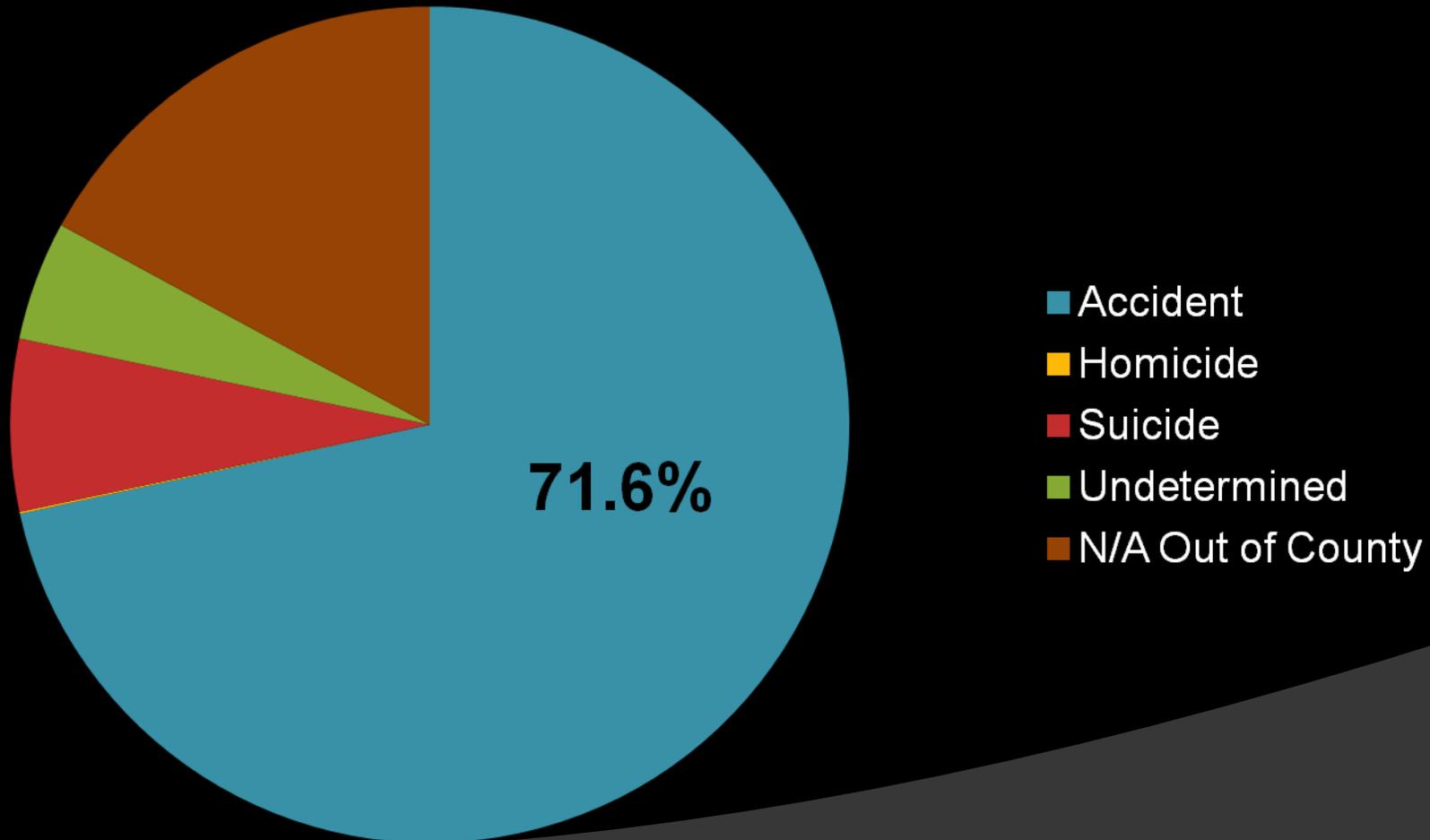


Central Ohio OD Demographics - AGE



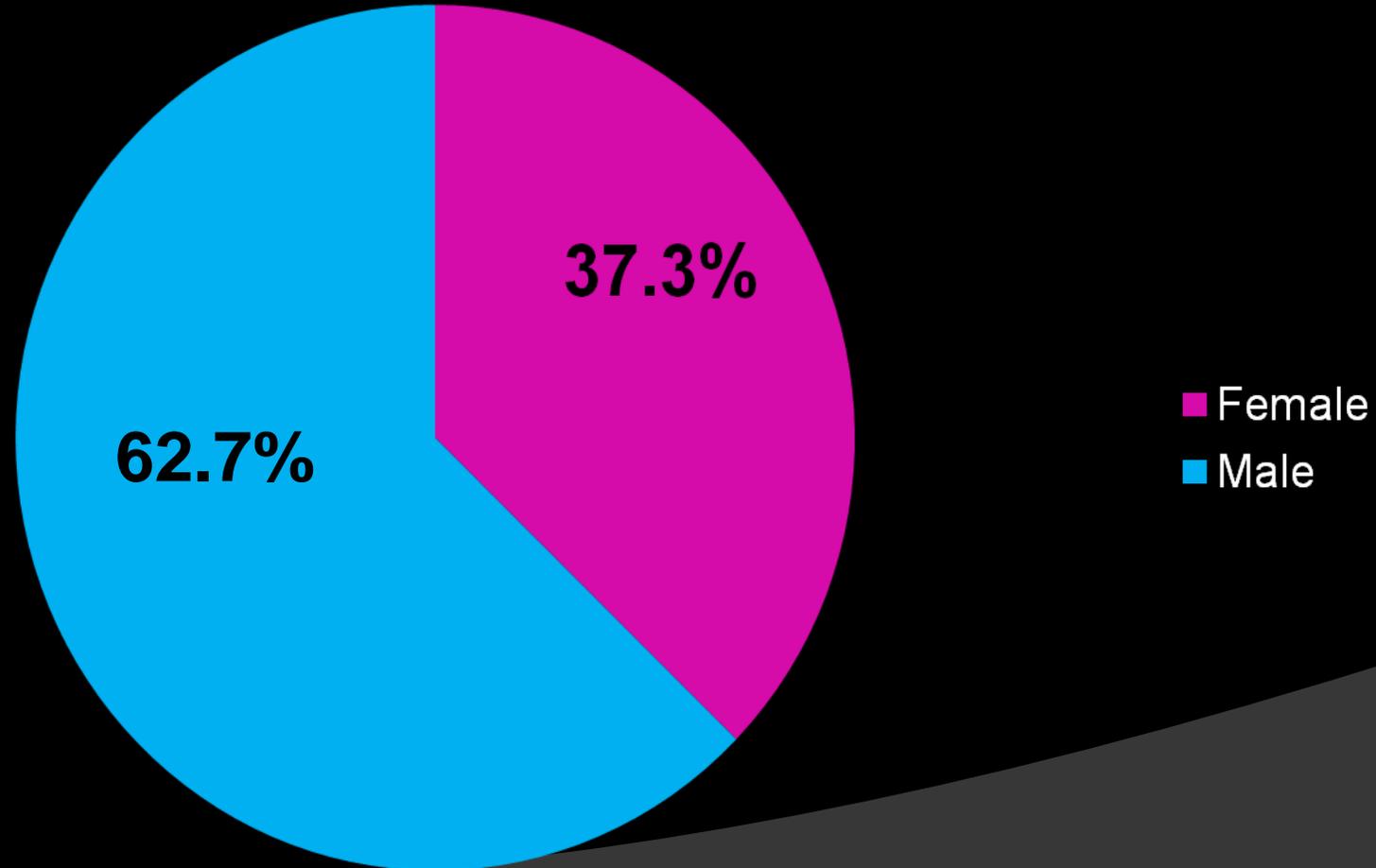
Central Ohio OD Demographics

Manner of Death



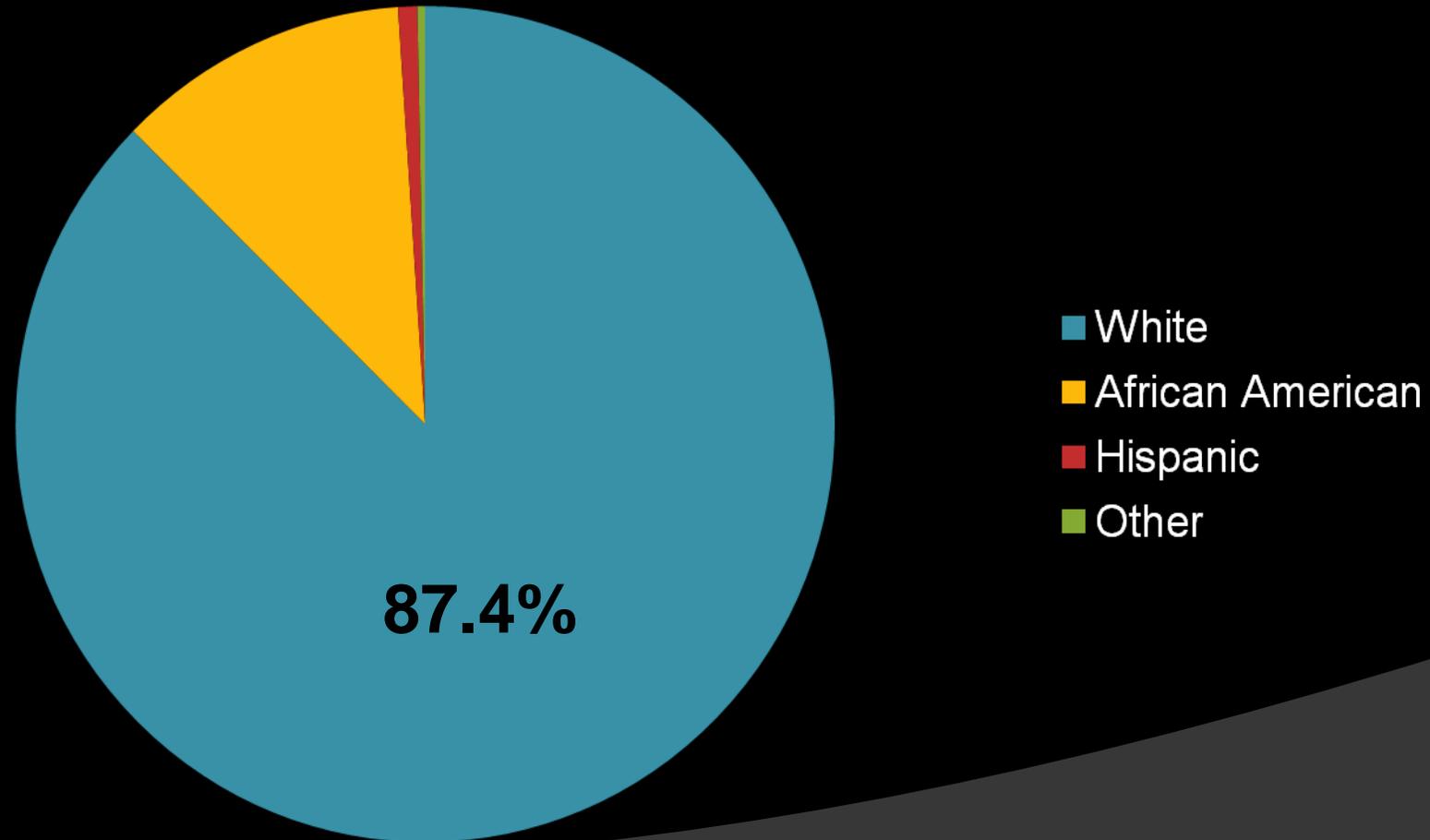
Central Ohio OD Demographics

Gender

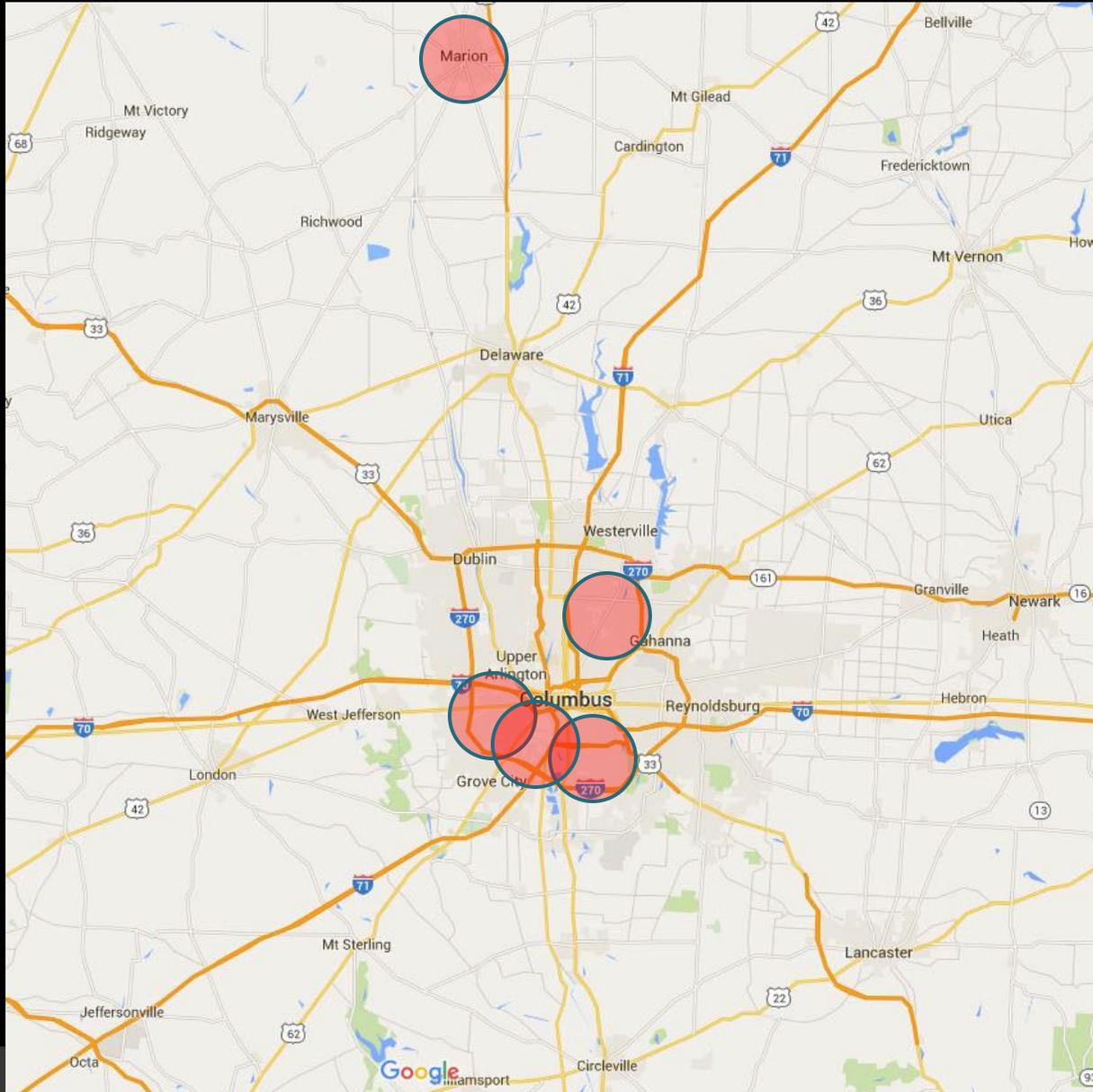


Central Ohio OD Demographics

Race



Central Ohio OD Demographics – Map



Deaths 2012 - 2015

 = > 40 Deaths

Columbus = 454

Suburbs = 229

Marion = 74

Central Ohio Overdoses - Overall Picture

- 💀 **Between 2012 and 2015, 1323 deaths were attributed to lethal intoxications.**
- 💀 **973 or 73.5% of OD deaths were attributed to an opioid or polysubstance intoxication including an opioid.**
- 💀 **Heroin accounted for 504 lethal intoxications. That is 38.1% of all intoxications and 51.7% of opioid related intoxications.**
- 💀 **Prescription opioid related deaths have decreased overall since 2012. From 108 deaths in 2012 to 82 deaths in 2015.**
- 💀 **Heroin related deaths have increased since 2012. From 93 deaths in 2012 to 155 deaths in 2015.**
- 💀 **Fentanyl related deaths increased sharply in 2015 with 58 deaths from 19 deaths in 2014. Illicit fentanyl is responsible.**

Central Ohio Overdoses - Overall Picture

- ☠️ **Central Ohioans aged 20-60 have the highest rates of opioid overdose.**
- ☠️ **Most overdoses are an accident.**
- ☠️ **Males suffer overdoses at a higher rate than females.**
- ☠️ **Lethal intoxications are more prevalent among whites.**
- ☠️ **Location of overdoses is highest within the Columbus Metropolitan area.**
- ☠️ **Opioid deaths were higher in specific areas of Columbus (43207, 43204, 43223, 43224, and 43228) and in Marion.**



Thank you.