

Opioid Surveillance Overview

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Contributors

- Continuing projects
- New projects
- Current data
- Future

BUREAU OF HEALTH INFORMATICS

Employing data and technology to public health practice, research, and learning, to unlock the potential of information systems to improve the health of the residents of Louisiana.



OD₂A Surveillance Activities

Continuing Projects

- Report ED data from syndromic surveillance “chief complaint” data on suspected drug overdoses.
- Work with coroners and toxicology labs to collect descriptions of drug overdose death circumstances; report to CDC and disseminate trends through BHI data products
- Funds directed to NMS Labs for comprehensive toxicology testing on behalf of 56 parish coroners.
- Continuation of death, injury, and healthcare utilization data on LODSS (<https://lodss.ldh.la.gov>)



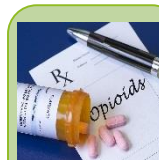
Death
Records
(OPH)



Inpatient
Discharge
Claims
(OPH)



Emergency
Dept. Claims
(LHA)



Prescription
Drug Data
(PMP)



Treatment
Locator

OD₂A Surveillance Activities

New Projects

- Examine the associations between opioid morbidity and mortality with social, psychological, and environmental factors in Louisiana
- Publish more detailed summary data on the demographics of opioid prescription data
- More analysis of toxicology data – types and combinations of drugs used
- Evaluation of reported drug specificity before and after the implementation of the LEERS “Opioid Button.”
- Pilot parish-wide implementation of ODMAP in Orleans Parish



Louisiana Opioid Data and Surveillance System

[HOME](#) [VIDEO TUTORIAL](#) [FAQ](#) [QUICK LINKS](#)

1,334

Drug-involved deaths
(death location), 2018

470

Opioid-involved deaths
(death location), 2018

13,890

Drug poisoning-related
ED visits, 2018

46

Stimulant prescriptions
per 100 people
(prescriber location),
2018

96

Opioid analgesic
prescriptions per 100
people (prescriber
location), 2018

SYSTEM UPDATES

11/1/2019

WELCOME TO LODSS 3.0!

We have new data and several new features to explore:

New features:

- SIGN UP FOR UPDATES! (see "Subscribe" button below)
- View select Substance Use Disorder treatment locations
- Compare data for up to four parishes or regions
- Compare demographic groups within a parish, region, or the state

[Tell us what you think!](#)

[Subscribe](#)



[Find Treatment Now](#)

Explore Opioid and Other Drug Data in Louisiana

The [Louisiana Department of Health \(LDH\)](#) is working to address Louisiana's opioid problem by targeting resources for treatment throughout our state with focused attention on areas where data shows the most prevalent challenges. The Bureau of Health Informatics (BHI) in the Office of Public Health (OPH) is supporting these strategies by leveraging data to inform program development.

The Louisiana Opioid Data and Surveillance System (LODSS) is designed to understand, analyze, and apply data to state and local efforts to track the behavior of what is now considered a public health epidemic nationwide.

Data within this system is interactive, and can be viewed in different formats, such as table, graphs and maps. The data displays, which have been carefully designed and reviewed by health experts and data specialists, allow various indicators to be explored geographically and over time. To request custom datasets and data visualizations, please [submit a request here](#).

Acknowledgments: The site was funded through a partnership between the LDH Office of Public Health, Bureau of Health Informatics and the CDC National Center for Injury Prevention and Control, Cooperative Endeavor Agreement 6 NU17CE924870-02-01.

What do you want to know about opioids in Louisiana?

(Mouse over each selection for more information)

Choose a Topic:

Treatment Services



Choose a Measure:

Opioid Treatment Program

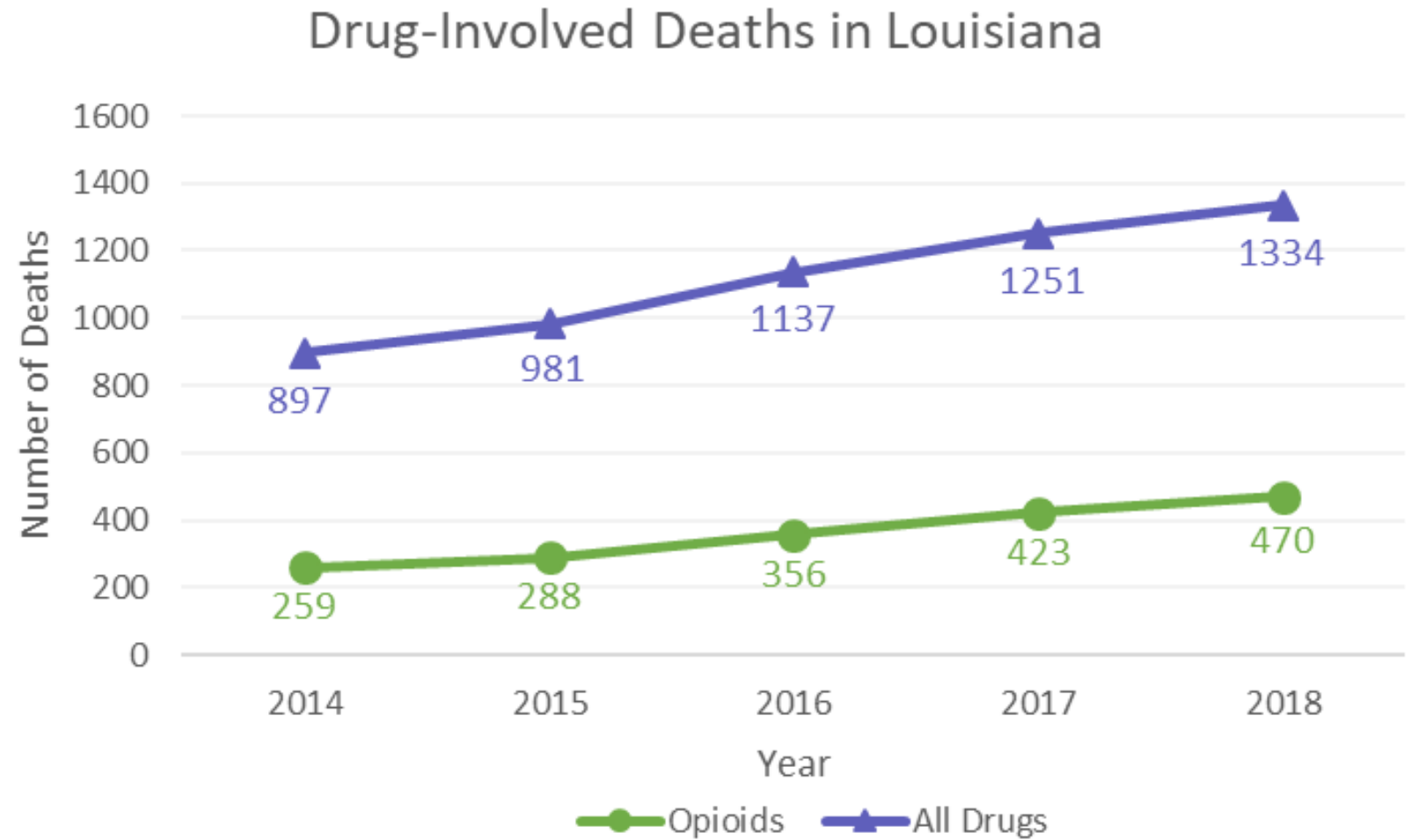


[Clear](#)

[Display Results](#)

<https://lodss.ldh.la.gov>

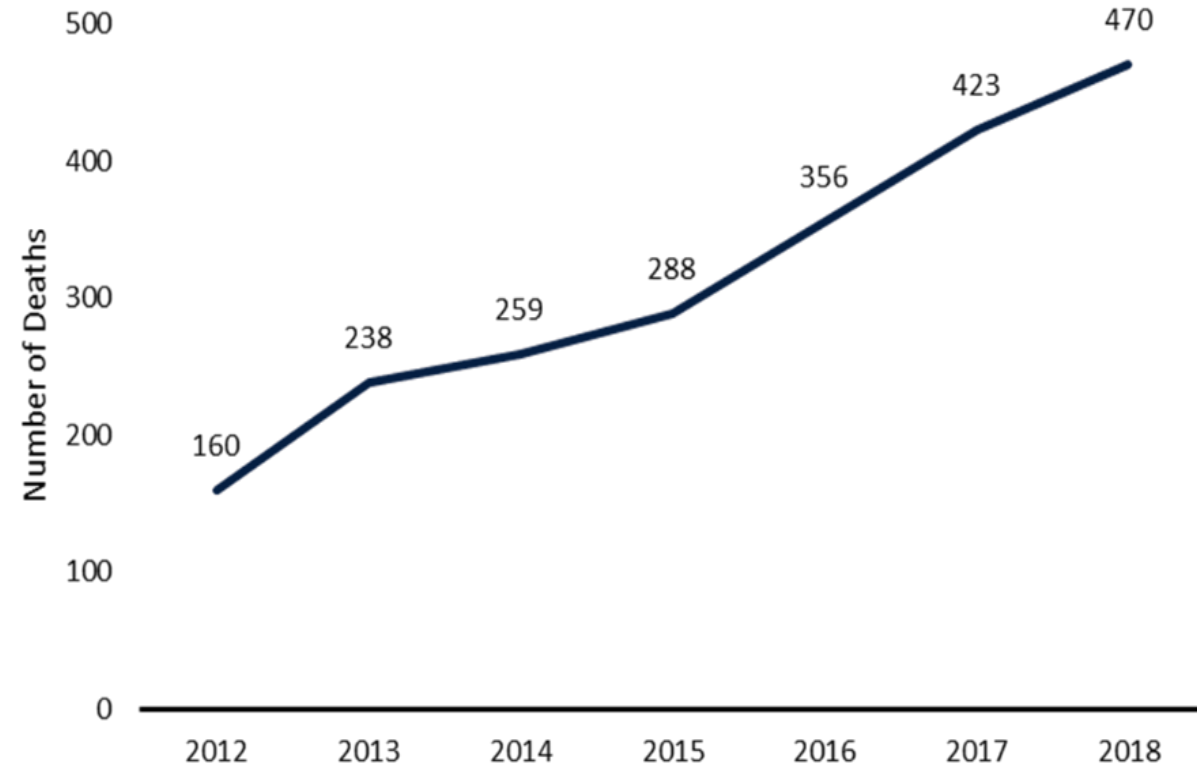
OD₂A Surveillance Data



Source: Louisiana Electronic Event Registration System, extracted from the Louisiana Opioid Data Surveillance System.

OD₂A Surveillance Data

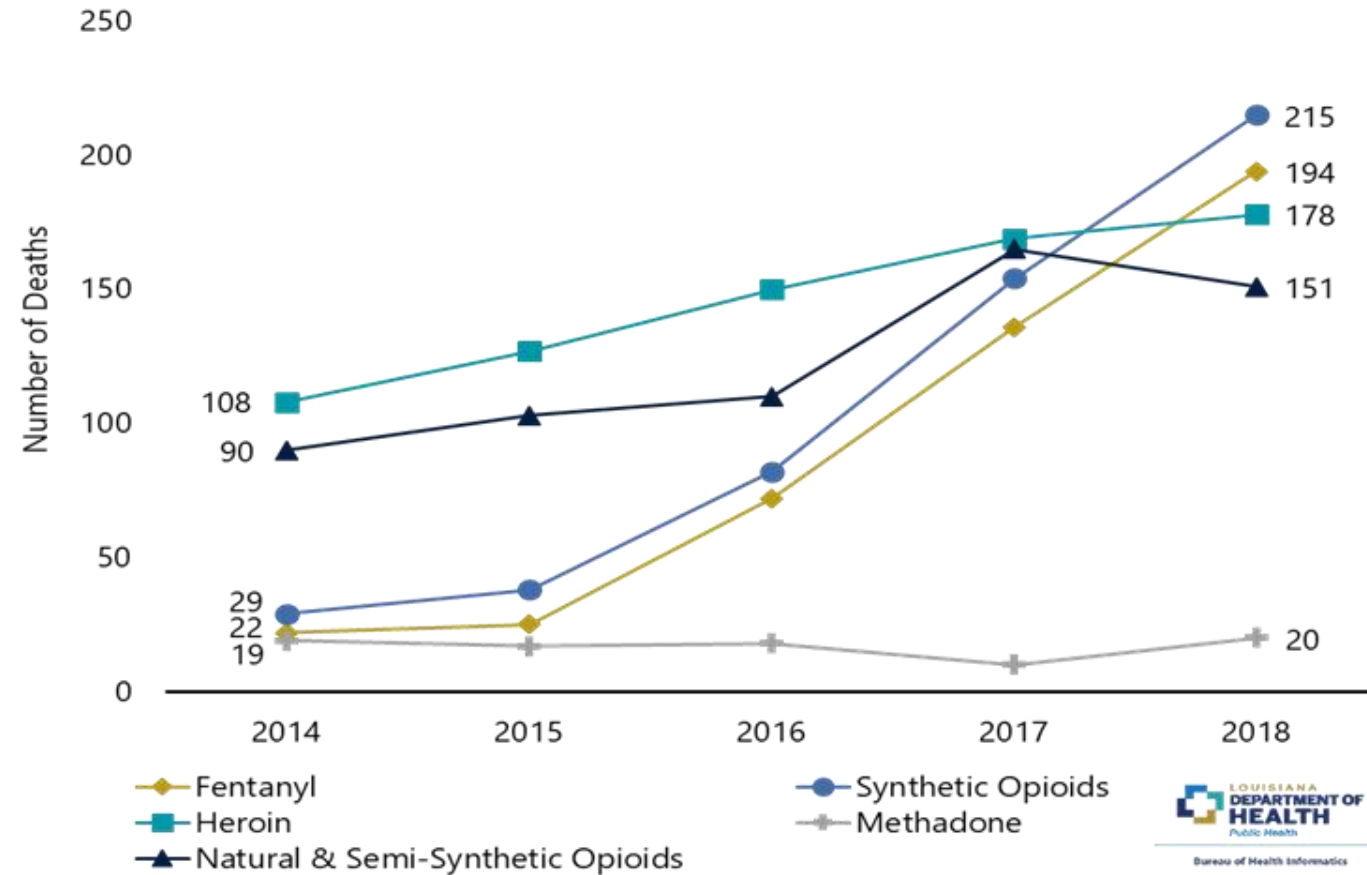
Opioid-involved deaths occurring in Louisiana, 2012-2018



Source: Louisiana Electronic Event Registration System, extracted from the Louisiana Opioid Data Surveillance System.

OD₂A Surveillance Data

Deaths by Specific Opioid Drugs Used—Louisiana, 2014-2018

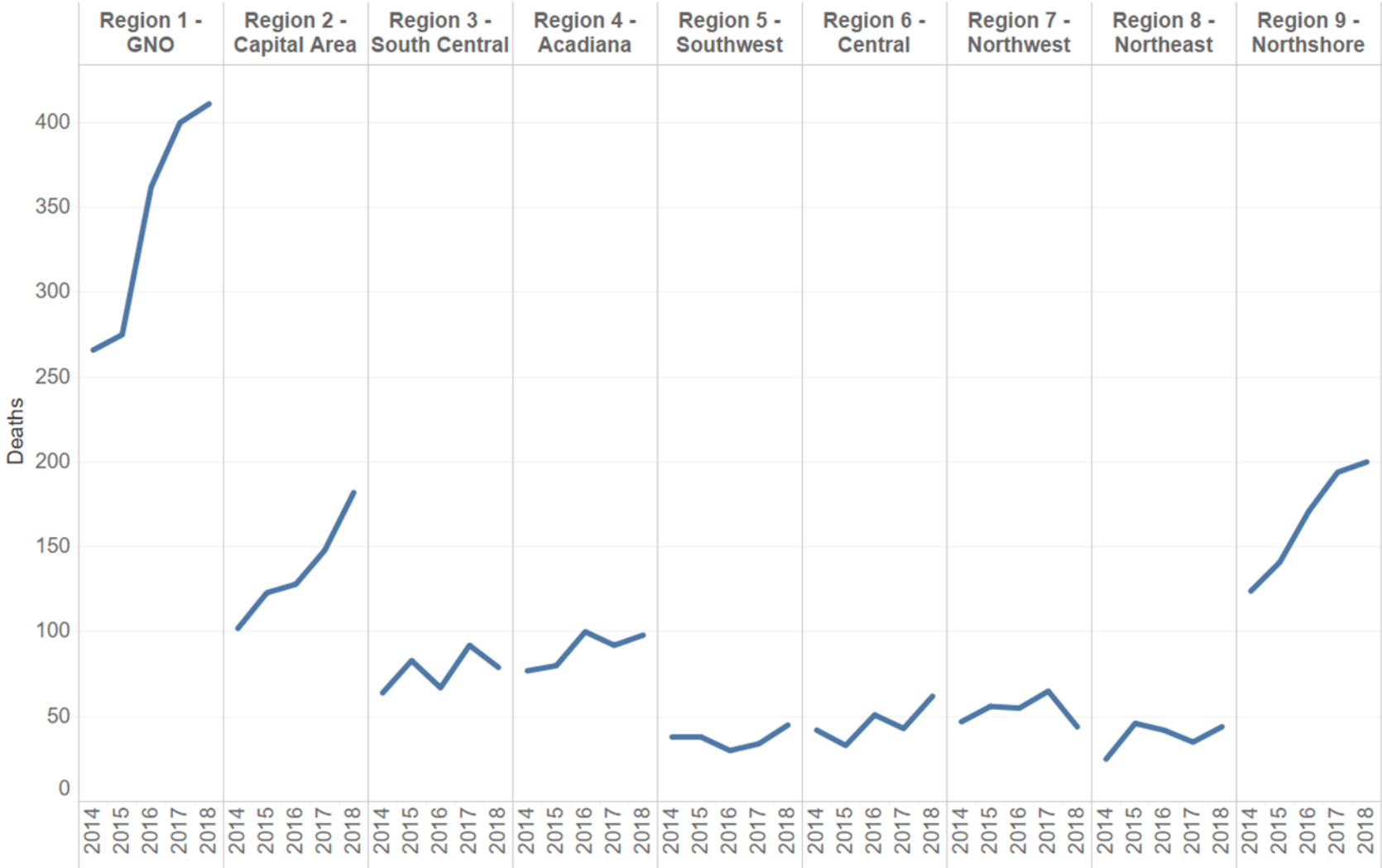


Source: Louisiana Electronic Event Registration System, extracted from the Louisiana Opioid Data Surveillance System.

Drug Poisoning Deaths by Region —Louisiana, 2014-2018

OD₂A
Surveillance
Data

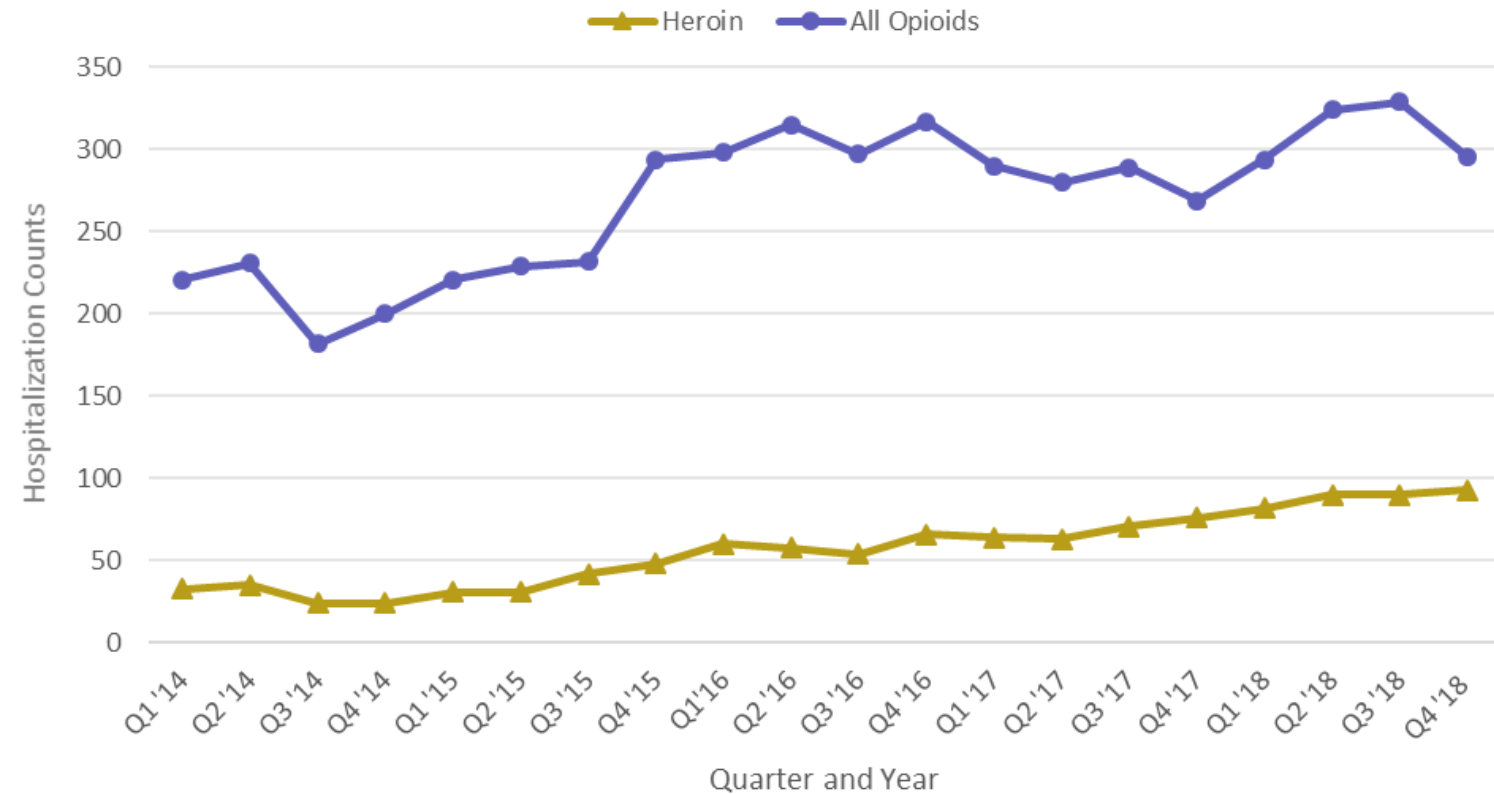
Region x Year (all ages, races, genders)



Source: Louisiana Electronic Event Registration System, extracted from the Louisiana Opioid Data Surveillance System.

OD₂A Surveillance Data

Hospital admissions involving opioid poisoning* and heroin poisoning by quarter** Louisiana, 2014 - 2018



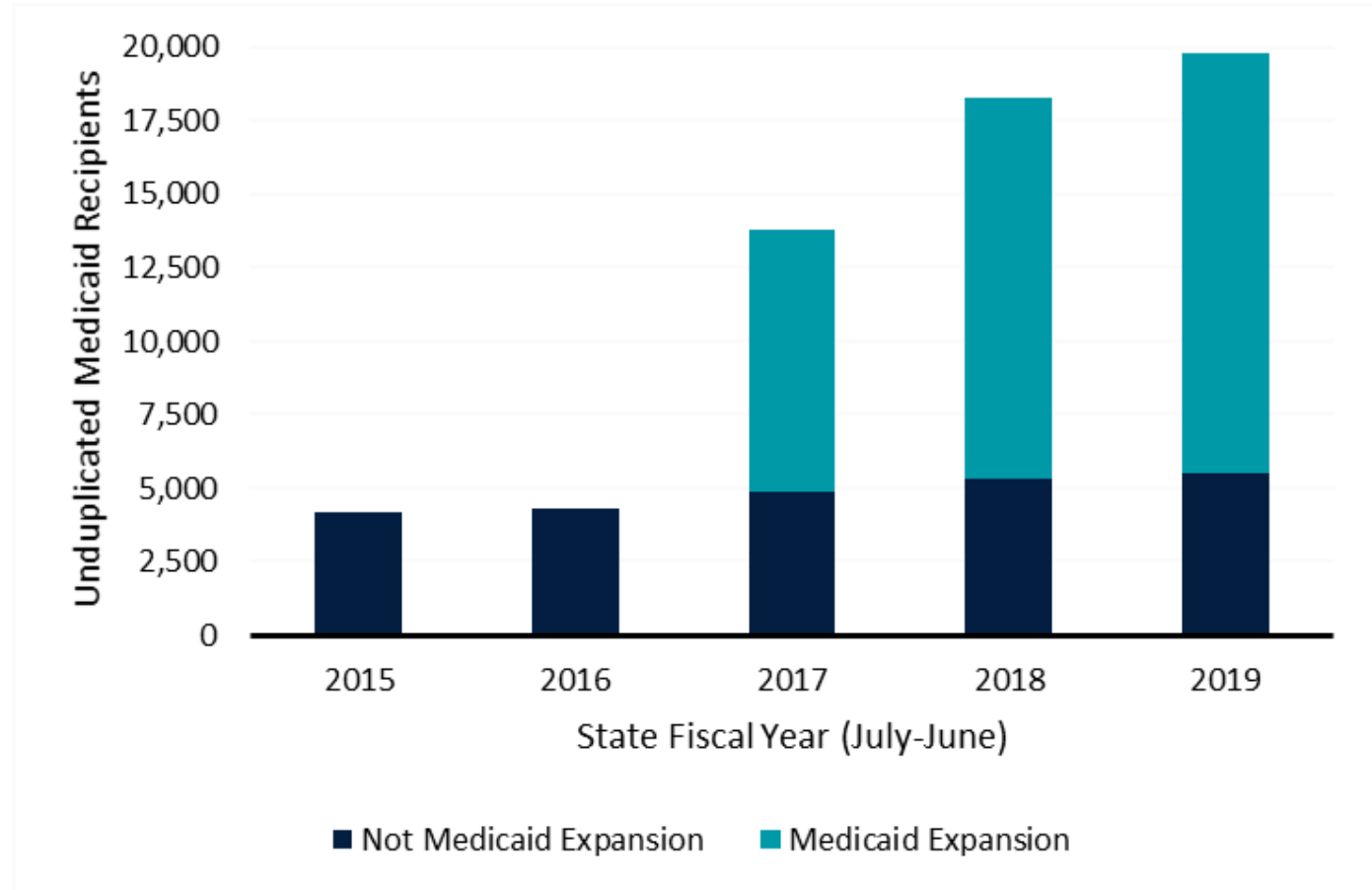
Source: Louisiana Electronic Event Registration System, extracted from the Louisiana Opioid Data Surveillance System.

*Opioid overdose defined as an opioid-related ICD-CM code in any diagnosis or external cause of injury field

**Hospitals switched from ICD9 coding to ICD10 coding in October 2015, which may affect Q1 '16 totals.

OD2A Surveillance Data

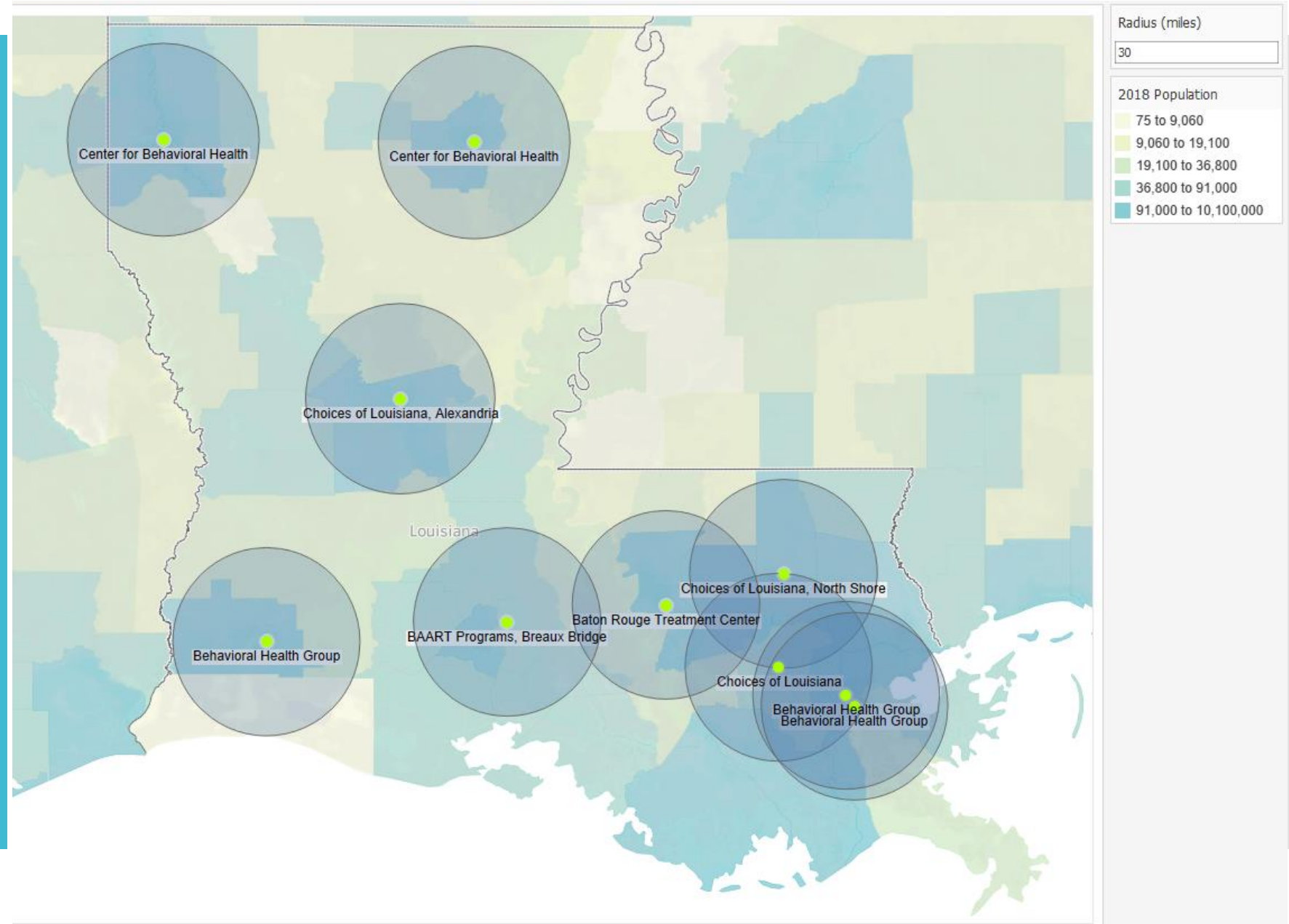
Medicaid members receiving Substance Use Disorder treatment services* State Fiscal Years 2015-2018



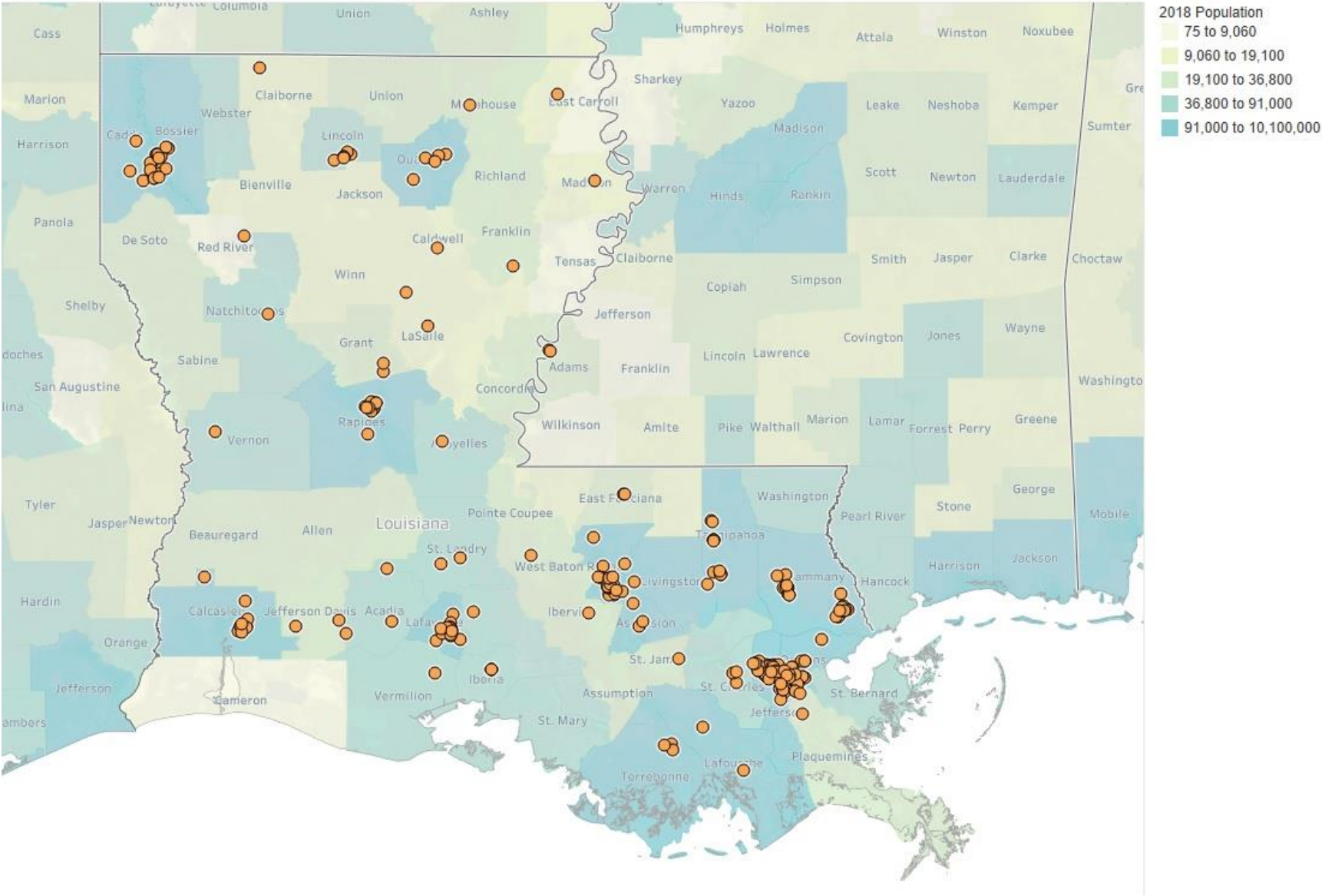
Source: LDH Office of Behavioral Health Data Warehouse

*Count of unduplicated Medicaid Recipients receiving Substance Use Residential services (ASAM 3.1, 3.2-WM, 3.3, 3.5, 3.7, 3.7-WM), Intensive Outpatient services (ASAM 2.1), or Inpatient Hospital Withdrawal Management services (ASAM 4-WM) during State Fiscal Year

Data tools: OTP Coverage



Buprenorphine Prescribers Listed in Prescription Monitoring Program



Enhancing
LODSS With
Types of
Providers

Fact sheets: Deaths & Injury

FOR EVERY OPIOID POISONING DEATH IN LOUISIANA

IN 2018, THERE WERE APPROXIMATELY...

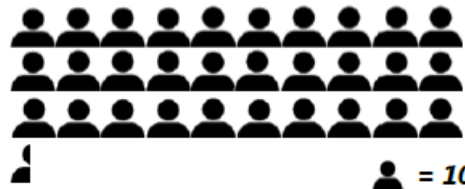
**2.6 PEOPLE HOSPITALIZED FOR
OPIOID-RELATED CONDITIONS**



**9 VISITS TO THE EMERGENCY
DEPARTMENT RELATED TO DRUGS**



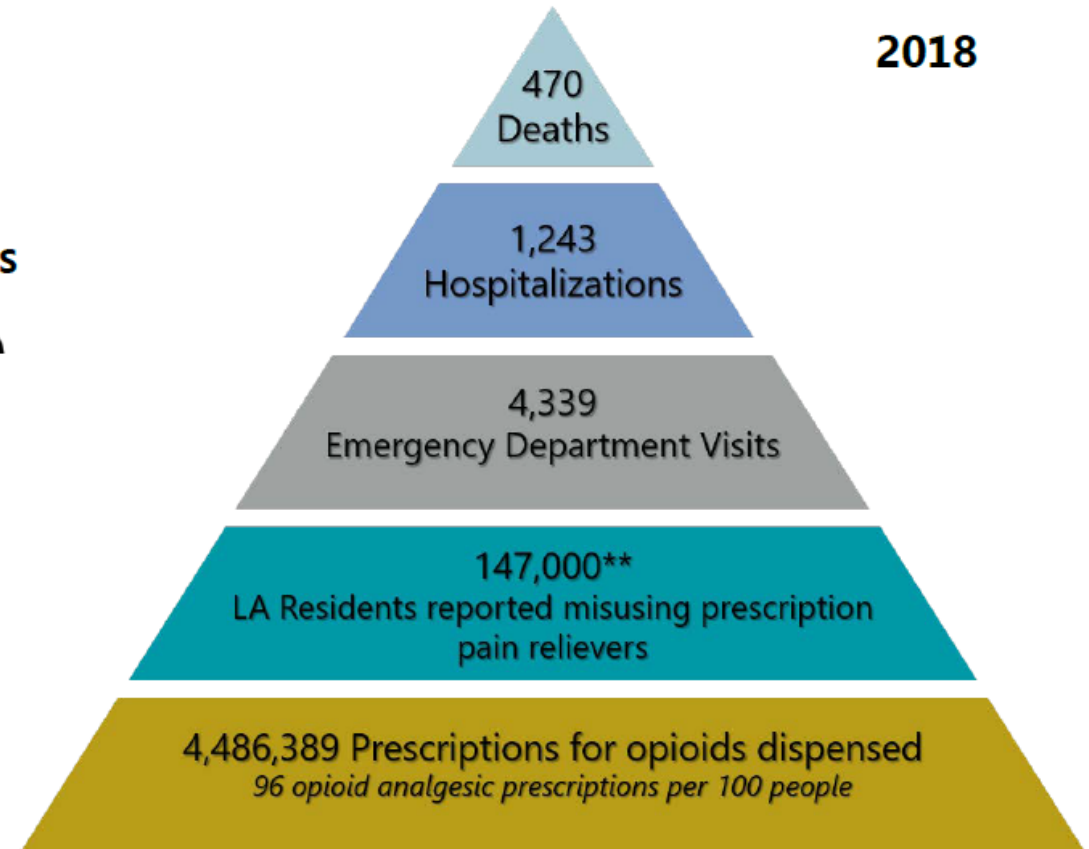
**313 PEOPLE WHO MISUSED
PRESCRIPTION PAIN RELIEVERS****



9,545 OPIOID PRESCRIPTIONS



2018



SOURCES: LOUISIANA OPIOID DATA AND SURVEILLANCE SYSTEM (LODSS) AND **NATIONAL SURVEY FOR DRUG USE AND HEALTH
For more information, visit www.ldh.la.gov/cphi or email healthinformatics@la.gov.