

Comprehensive Opioid Abuse Program (COAP)

Category 6 Grantees' Call



Prescription Drug Monitoring Program Training and Technical Assistance Center



BJA Update

Tara Kunkel

Senior Drug Policy Advisor – IPA Bureau of Justice
Assistance

U.S. Department of Justice

Challenges/Lessons Learned

- Data issues—multiple DEA numbers, file size, calculating MMEs, missing or incorrect data
- Data analysis—questionable prescribing patterns, identifying problem patient indicators, identifying hot spots
- Data sources—user agreements, matching data

Select BJA Grant Project Updates

- Louisiana – Nell Wilson
- Nebraska – Ashley Newmyer
- New Jersey – Jeffrey Laszczyk

Louisiana Opioid Surveillance Initiative

Department of Health, Office of Public Health, Bureau of Health Informatics

- ▶ In Louisiana, the role of the Office of Public Health is surveillance
- ▶ Mission: To assemble and analyze both new and existing data on the opioid epidemic in Louisiana that will provide education, inform prevention of disease and injury, and support intervention and treatment, all aimed at reducing the impact of opioid use disorder in the state
- ▶ Establishing this program as the subject experts on opioid use disorder data statewide
- ▶ BHI is also supporting the analytic needs of the Governor's Drug Policy Board and the Advisory Council on Heroin and Opioid Prevention and Education

Louisiana Opioid Surveillance Initiative

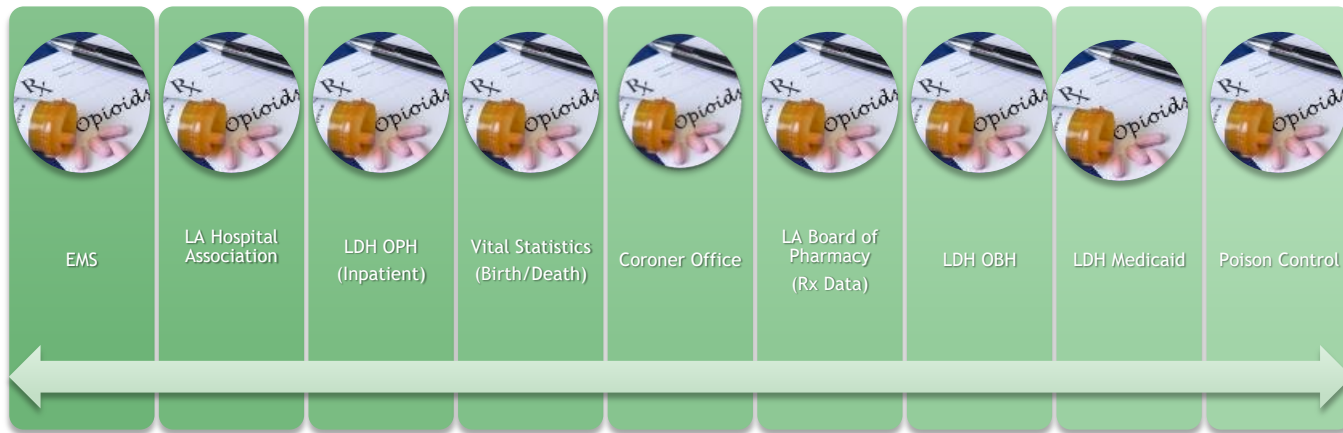
Department of Health, Office of Public Health, Bureau of Health Informatics

- ▶ Established by the Data-Driven Prevention Initiative award from the CDC in 2016
- ▶ Expanded with the Enhanced State Opioid Overdose Surveillance award from the CDC in 2017
- ▶ With COAP Category 6, the program anticipates \$2.8 million in funding over a three-year period
- ▶ Total staff
 - Project manager = 0.5 FTE
 - Assistant project manager = 0.5 FTE
 - DDPI epidemiologist = 1 FTE
 - ESOOS epidemiologist = 1FTE
 - COAP epidemiologist = 1 FTE
 - Chief data officer (technical expert) = 0.25 FTE

Louisiana Opioid Surveillance Initiative

Data-Driven Prevention Initiative

- ▶ Accesses existing LDH databases and partners with external organization to collect and analyze health data related to opioid use disorder
- ▶ Results disseminated through facts sheets, publications, training and educational materials, and the online data and surveillance system
- ▶ Collaborates with the Prescription Monitoring Board to disseminate data on the opioid prescription patterns in the state
 - Future projects will link prescription data to fatal and nonfatal overdose data





Louisiana Opioid Data and Surveillance System

HOME

QUICK LINKS

320

Number of opioid poisoning deaths, 2016

2,544

Number of opioid-related emergency room visits,, 2015

781

Number of opioid poisoning inpatient stays, 2016

5,202,715

Opioid Prescriptions filled, 2016

DASHBOARD UPDATES

4/10/2018

Testing

11/27/2017

LODSS Website in Development

Optional descriptive text will go here.

Tell us what you think!

1 0 4 8

Visits



Explore Opioid Data in Louisiana

Opioids – both prescription and illicit – are the main driver of drug overdose deaths nationally. The Louisiana Department of Health has developed a multi-disciplinary strategic approach to reducing overdoses in the state. The Bureau of Health Informatics in the Office of Public Health is supporting these strategies by leveraging data from multiple internal and external sources to strengthen readiness, capacity building, and program development.

The Louisiana Opioid Data and Surveillance System has been developed to provide access to health professionals, researchers, and decision makers to access, analyze, and apply data to statewide opioid abuse reduction efforts. Its goal is to evaluate the impact of programmatic and policy efforts and track the behavior of what is now considered a public health epidemic nationwide.

The OPH Bureau of Health Informatics (BHI) and U.S. Centers for Disease Control and Prevention (CDC) have partnered to provide this broad range of indicators and measures. 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. Quick access is also provided to associated information and links.

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 NU17CE924870-01-02.

What do you want to know about opioids in Louisiana?

Choose a Category:

Choose a Topic:

Show data by: Quarter Year Select Quarter:

Choose a Population:
 Age:

Race: All Races Black Other White

Sex: All Genders Female Male

Select Geography: Parish Region State

by Region:

Parishes:

What measure do you want to see:

Age-Adjusted Rate Count Crude Rate

Clear

Display Results



Louisiana Opioid Data and Surveillance System

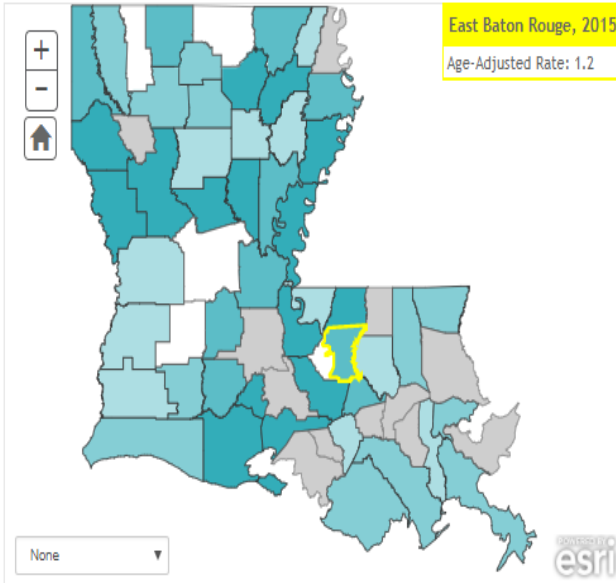
HOME

QUICK LINKS

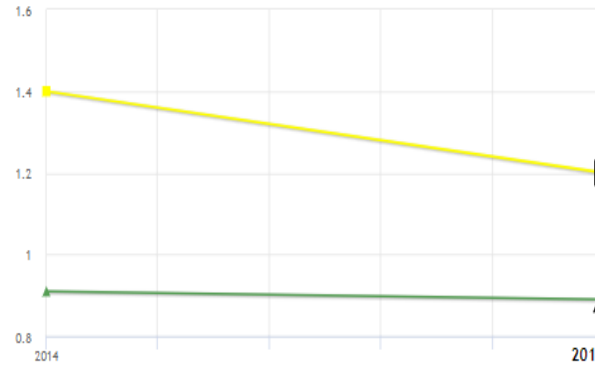
Change Data Selection

Death > Number of poison deaths > Age-Adjusted Rate

Selected Year: 2015, Age Range: All Ages, Race: All Races, Sex: All Genders, Areas: multiple(64)

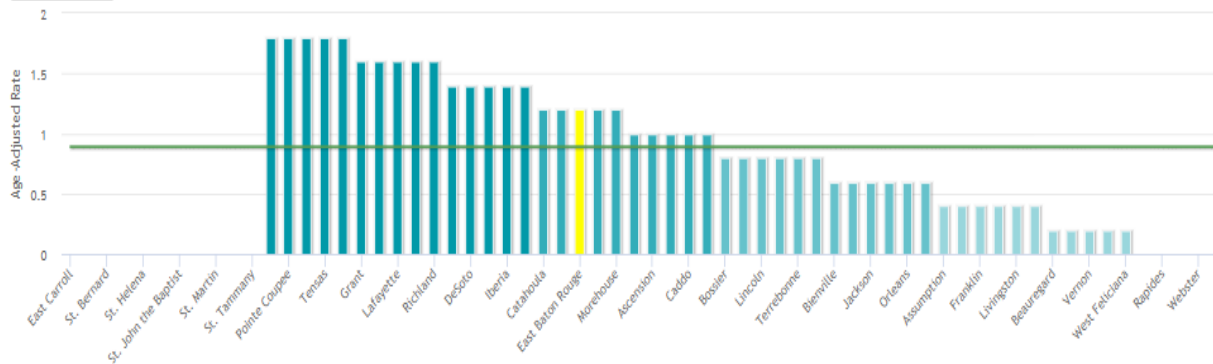


Map Chart Table CSV PDF



- 0
- 0.20 to 0.40
- 0.41 to 0.89
- 0.90 to 1.20
- 1.21 to 1.80
- Data Unavailable
- Data Suppressed
- Louisiana: 0.89
- East Baton Rouge

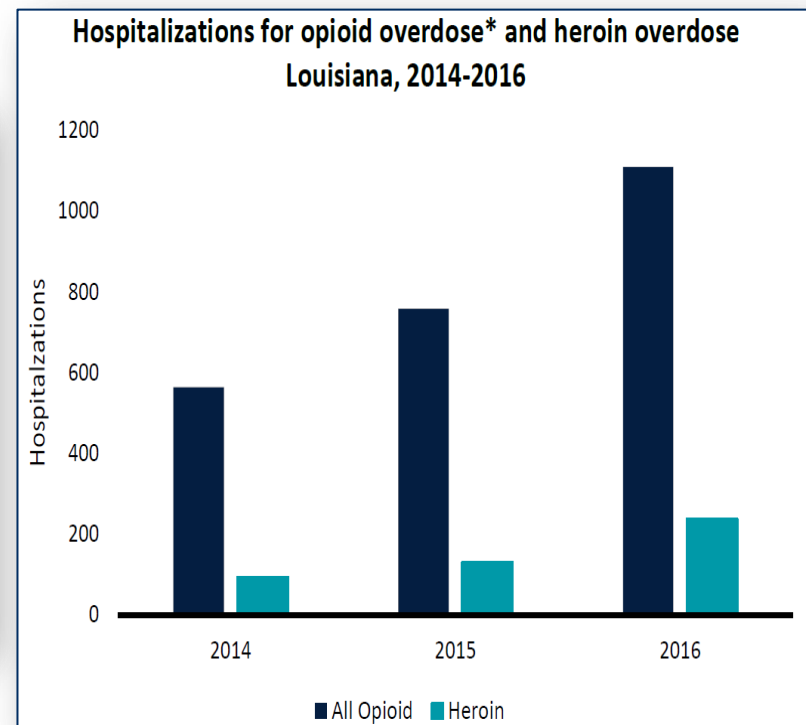
Sort: Descending



Louisiana Opioid Surveillance Initiative

Number of Deaths for Specific Opioid** Drugs Used Louisiana, 2014-2016			
Year	2014*	2015	2016*
Opioid Analgesic	119	145	191
Natural and Semi-synthetic Opioid Analgesic	90	103	110
Synthetic Opioid Analgesic, excluding Methadone	29	38	81
Fentanyl	22	26	71
Methadone	19	17	18
Heroin	108	127	141
Total Opioid-related Deaths	217	260	320

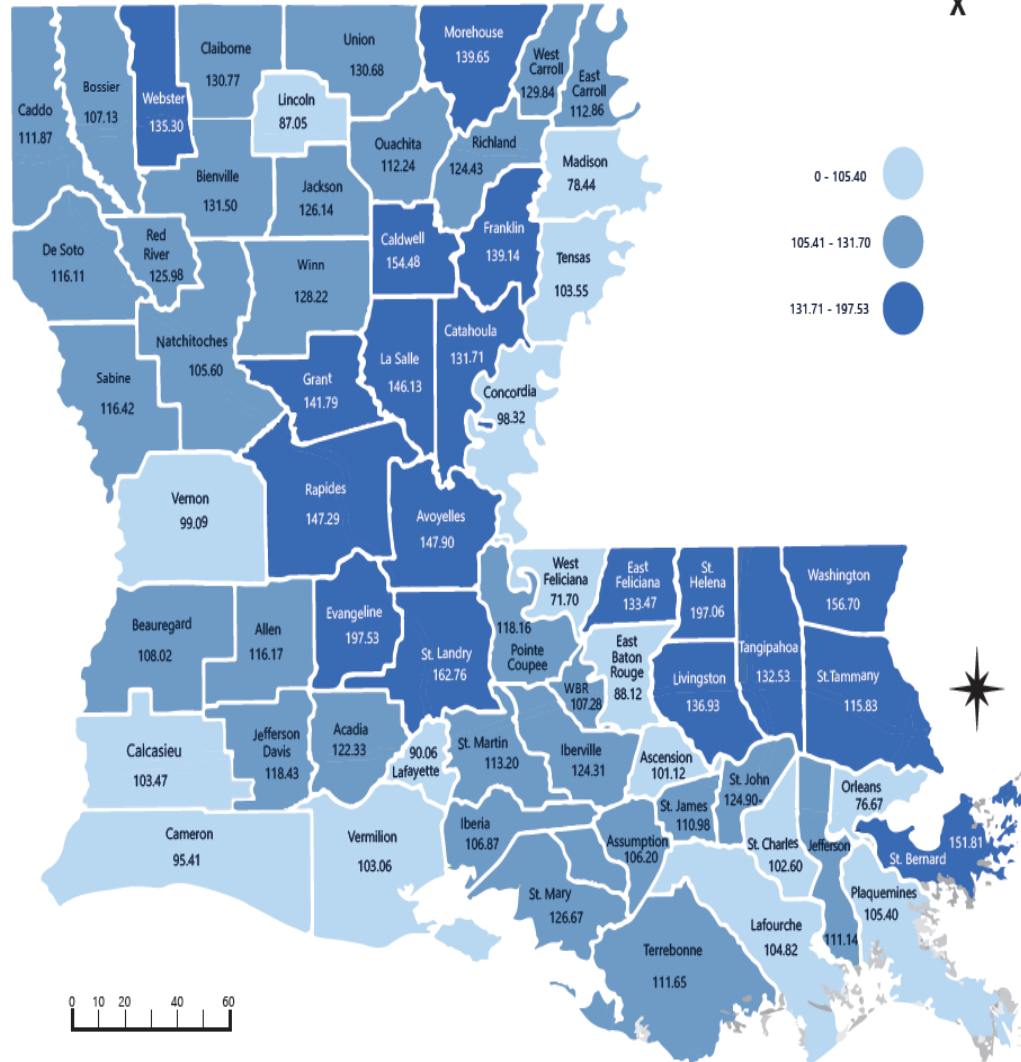
*Data is preliminary
 **ICD-10 codes for opioids: Heroin (T40.1); Opioid Analgesic (T40.2 – T40.4)
 Source: LDH Vital Records



**OPIOID
PRESCRIPTION
RATES**

2016 Rate of Opioids
Prescribed per
100 Louisiana Residents
(By Parish)

Source:
Louisiana Board of Pharmacy
United States Census Bureau



Louisiana Opioid Surveillance Initiative

Enhanced State Opioid Overdose Surveillance

- ▶ Joined a cohort of 33 states working to improve the timeliness of fatal and nonfatal overdose reporting and analysis
- ▶ Reports data to CDC databases on emergency department utilization, emergency transports where naloxone was administered, and state death records
- ▶ Collaborates with coroners statewide to fund more comprehensive toxicology testing, which gives us access to more detailed data
- ▶ Supports improved prevention and response efforts and provides analysis on trends, patterns, and “hot spots”

Louisiana Opioid Surveillance Initiative

COAP Category 6: Enhanced Data Collection

- ▶ Add statewide nonhealth data to the Louisiana Opioid Data and Surveillance System
 - Law enforcement data
 - Drug seizure data
 - Data on justice-involved individuals
 - Overdose reversal drug administration
- ▶ Additional analysis and linking with the PMP
- ▶ Partnering with COAP Cat 4 recipients on an app development
- ▶ Formation of an Opioid Death Review Panel of coroners, law enforcement officers, first responders, and pathologists

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DOJ BJA COAP— Category 6 Nebraska Update

April 24, 2018



PRESCRIPTION DRUG MONITORING PROGRAM



*Helping People Live Better
Lives.*



Nebraska COAP Category 6

~~Project Overview~~

Improve efficiency and timeliness of drug overdose surveillance data dissemination through development and implementation of a data dashboard

Improved death certificate data quality among drug overdose cases through toxicology project

Outcome

Efficient and improved targeting of drug overdose prevention efforts

through timely information obtained by prevention and evaluation groups

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Helping People Live Better Lives.

Nebraska COAP Category 6

~~Project Goals~~

Form a multidisciplinary action group to advise on the development of a public data dashboard

Develop the data dashboard—data from vital records, hospital discharges, PDMP, and treatment services geographic information

Increase the number of toxicology trainings and reports on suspected drug-related overdose fatalities to improve the accuracy of information collected on fatal drug overdose cases

Nebraska COAP Category 6

~~Goals—Progress~~

1. Multidisciplinary action group

- i. **In process**—hiring a program manager to contact, form, and facilitate group and meetings

2. Develop the data dashboard

- i. **In process**—working with IT procurement to purchase software license
- ii. **In process**—working with IT office to set up server, firewall, and other IT security
- iii. **Not yet started**—development of code for data dashboard and data set linkage

3. Increase number of toxicology trainings and reports

- i. **In process**—hiring program manager (from Goal 1) to facilitate and build relationships with county attorneys, coroners, and pathologists around state
- ii. **In process**—11 of 93 counties have now signed up (2nd largest county represented as of April 2018)

Contact Information

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Integrated Drug Awareness Dashboard (IDAD)

New Jersey Department of Law and Public Safety:
Comprehensive Opioid Abuse Site-Based Program;
Category 6

Background/Project Necessity

- ▶ Governor declared a *public health crisis* in January 2017
- ▶ Drug overdoses are the leading cause of accidental death in New Jersey
- ▶ New Jersey's overdose death rate is 3 times the national average
- ▶ Since 2016, opioid-related deaths have increased by 30 percent



- ▶ 14,356 naloxone deployments in 2017

Primary State Partners

Office of the Attorney General

New Jersey State Police

- ▶ Drug Monitoring Initiative (DMI)
- ▶ Data points
 - ▶ Drug arrests
 - ▶ Naloxone administrations
 - ▶ Pawn shop transactions
 - ▶ Theft crimes
 - ▶ Shootings
 - ▶ Gun recoveries

New Jersey Prescription Monitoring Program

- ▶ Prescription information
 - ▶ Controlled dangerous substances
 - ▶ Schedule II, III, IV, V
 - ▶ Human growth hormone products
 - ▶ Gabapentin (summer 2018)



Additional State Partners

- ▶ **Department of Health**
 - ▶ Naloxone administrations
 - ▶ Infectious disease rates
- ▶ **Medical Examiner's Office**
 - ▶ Toxicology results
 - ▶ Overdose deaths
- ▶ **Department of Human Services**
 - ▶ Drug treatment data
 - ▶ Child welfare data
- ▶ **Department of Children & Families**
 - ▶ Neonatal abstinence syndrome data
- ▶ Department of Corrections
- ▶ Office of Information Technology
- ▶ Juvenile Justice Commission
- ▶ Department of Education
- ▶ State Parole Board
- ▶ State Forensics Lab
- ▶ Department of Military & Veteran's Affairs
- ▶ Governor's Office
- ▶ Governor's Counsel on Alcoholism & Drug Abuse
- ▶ Statewide Opioid Working Group



Research Partner

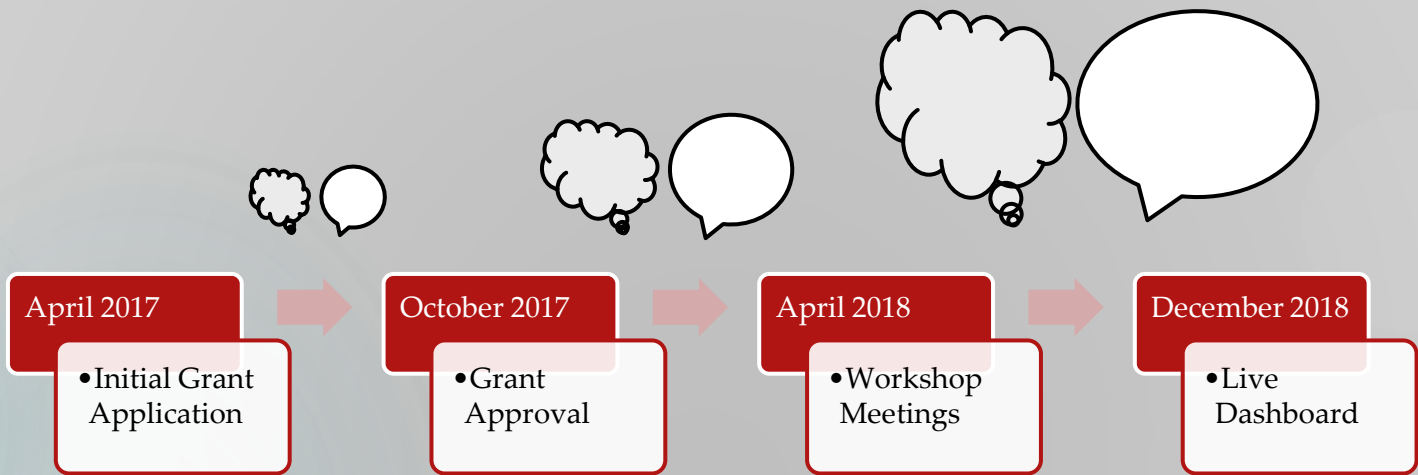
▶ Montclair State University

▶ Program Evaluation/Key Questions

- ▶ How has the IDAD been developed and implemented?
- ▶ How has the development and implementation of the IDAD changed data utilization across participating agencies?
- ▶ What has been the impact of the initiative on patient outcomes?



Where Are We Now?



CONTACT INFORMATION

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Grantee Discussion Forum

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