Leveraging Public Health Data

Category 5: Prescription Drug Monitoring Program (PDMP)

Category 6: Opioid Community of Practice (OCP)

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Substance Use Program Manager
Saint Louis County Department of Public Health



RecoverSTL

- Declared public health emergency June 28, 2018
- Opioid Action Plan <u>stlouisco.com/recover</u>
 - 1. Education & Prevention
 - 2. Harm Reduction & Rescue
 - 3. Treatment
 - 4. Recovery
 - 5. Public Health Data



Current Data-Related Projects

- Opioid Community of Practice (OCP)
 - Medical Examiner/Coroner data project
 - Increased toxicology capacity
- PDMP Quarterly & Annual Reports
- Public-facing dashboard
 - www.recoverSTL.com



MEDICAL EXAMINER/CORONER PROJECT



Medical Examiner/Coroner Project

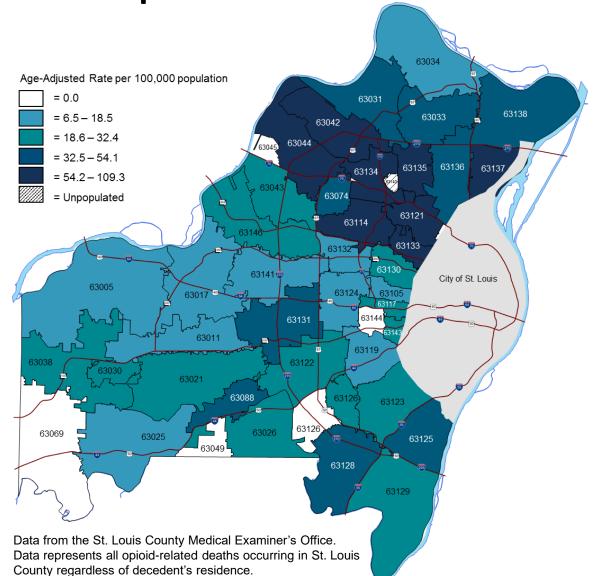
- Opioid Community of Practice (OCP) Action Group
 - Goal: compare opioid-related deaths across jurisdictions, identify trends, inform practice
- Lack of standardization in opioid-related death data across jurisdictions
- Build relationships between ME/C & LPHAs
 - Under what situation(s) does the ME/C become responsible for determining cause of death?
 - Who/how is cause of death determined?
 - When are toxicology tests run?
 - What drugs are included in the routine toxicology panel?
 - Where/how are toxicology results reflected in ME/C data?
 - How can the data be analyzed and presented by LPHAs for ME/C?
 - What is the typical timeframe to certify/finalize deaths? How frequently can LPHAs receive data?



Drug-Related Deaths, St. Louis County, 2012-2018

		275 -								
	% Change	250 -								
Drug	(2012-2018)	225 -								
Alcohol	9%	Deaths -								
Benzodiazepines	67%	으 명 175 -								
Cocaine	294%	<u>8</u> 150 -								
Fentanyl	26900%	Drug 125 -						<u> </u>		
Heroin	46%	Number of Drug-Related 125 - 100 - 75 -					/		$>\!\!<-$	
Methamphetamine	1233%	4 75 -								
Other Opioids	12%	50 -								
		25 -								
Non-fentanyl opioids	33%	0 -	2012	2013	2014	2015	2016	2017	2018	
All drugs (exc. fentanyl)	78%					Year				
Saint Louis			——Alcohol	_	Benzodiaze pines			■ Fentanyl		
COUNTY										

2018 Opioid-Related Deaths

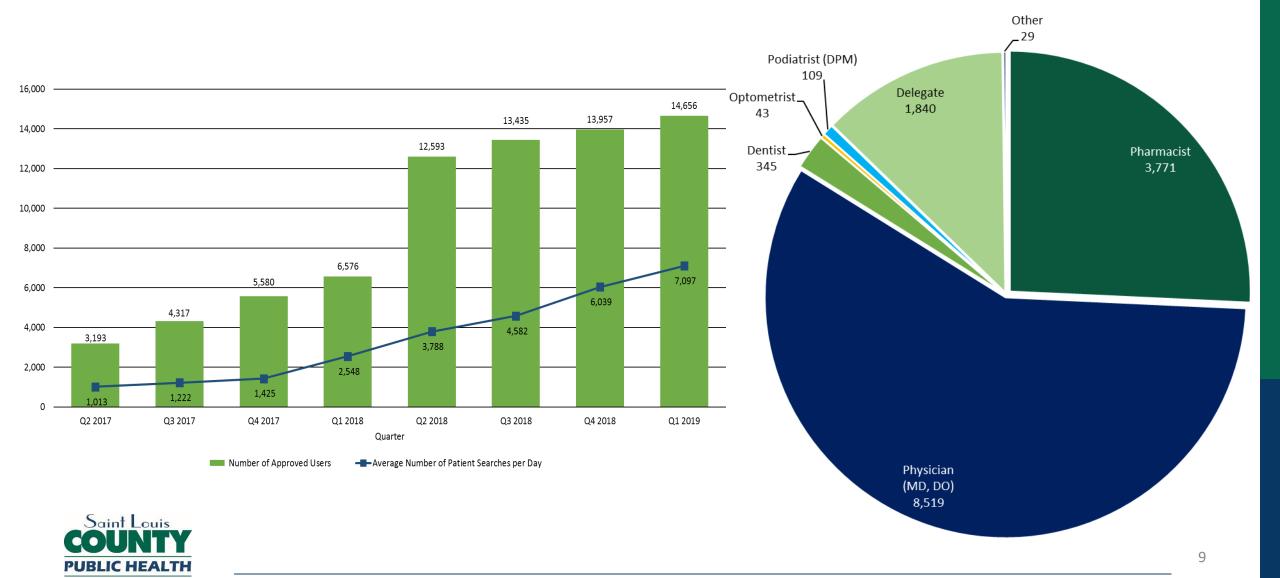




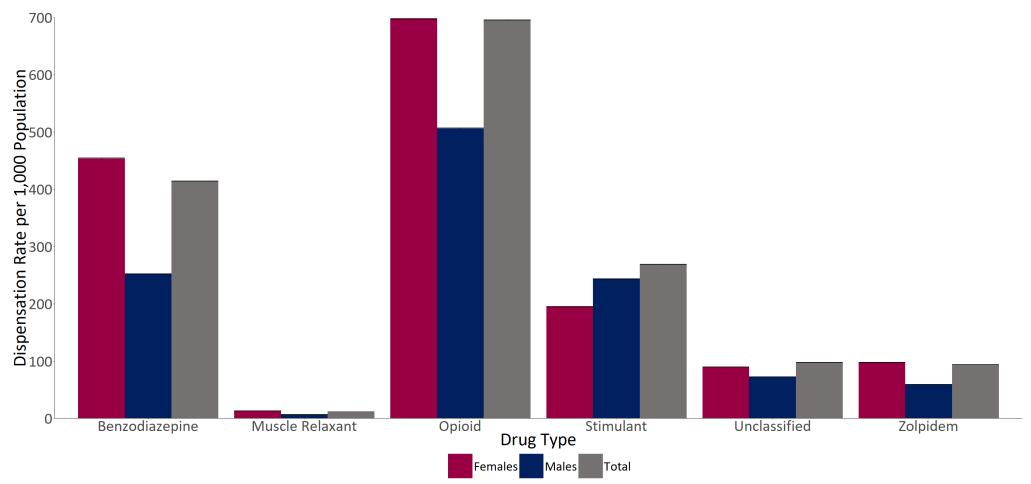
PDMP ANNUAL & QUARTERLY REPORTS



PDMP Registration & Utilization

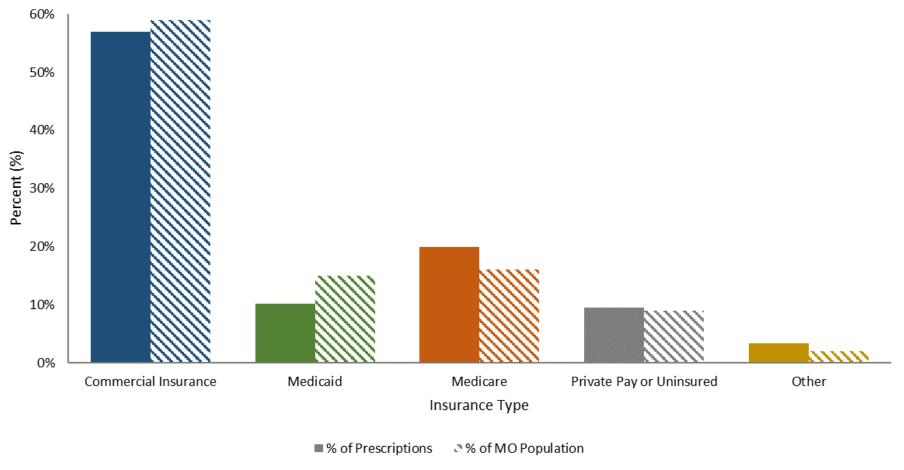


Controlled Substance Dispensation Rates per 1,000 Population by Drug Type and Gender



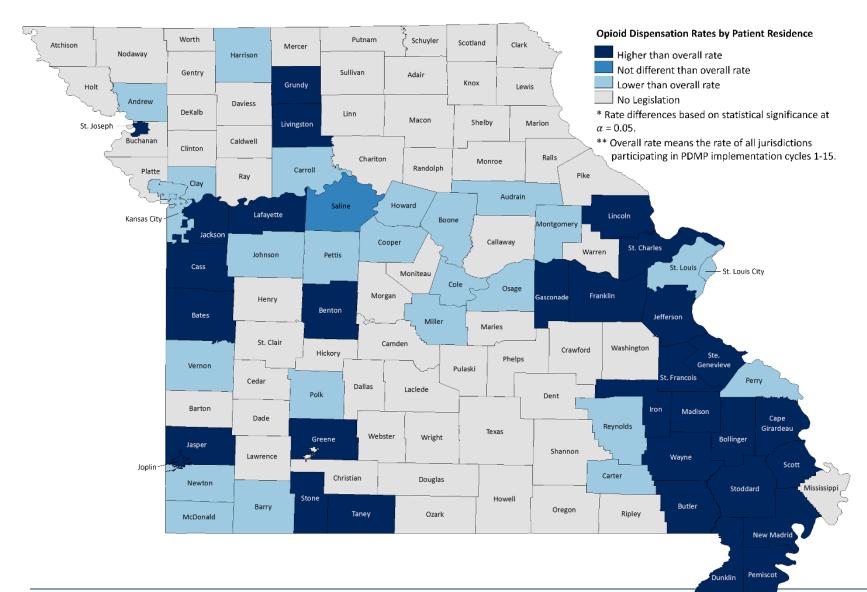


Controlled Substance Dispensations by Payment Type



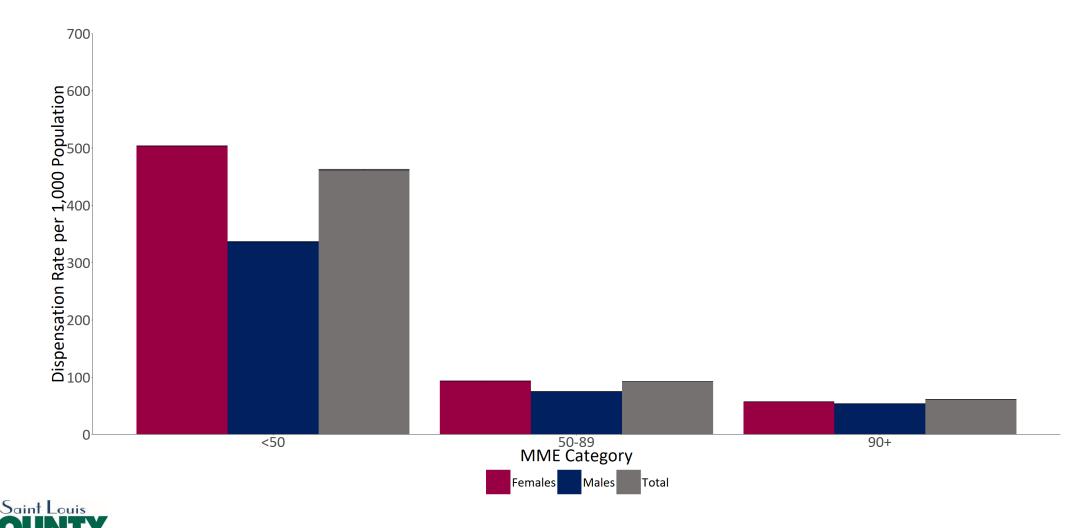


Opioid Dispensation Rates per 1,000 Population



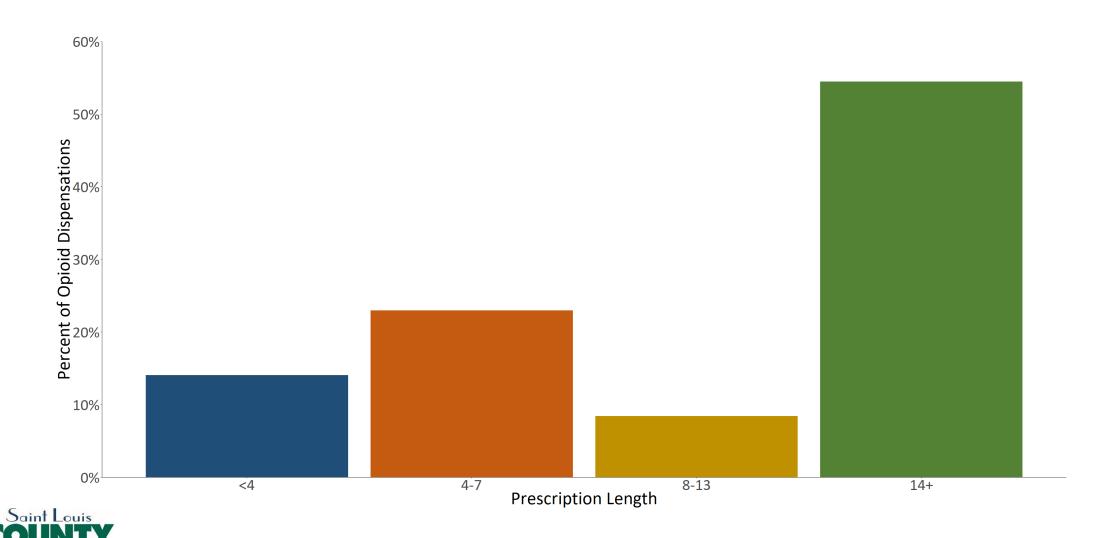


Opioid Dispensation Rates per 1,000 Population by Morphine Milligram Equivalent (MME) Category & Gender



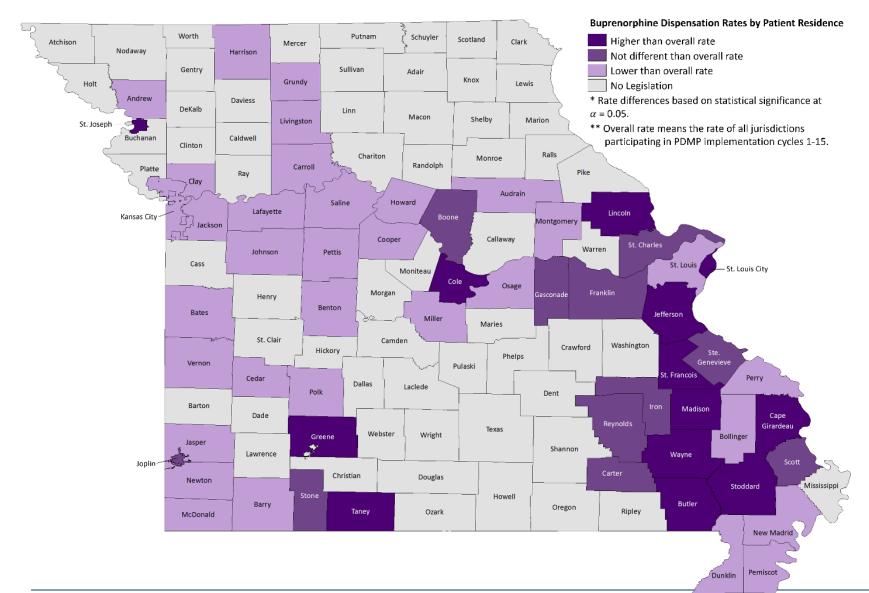
PUBLIC HEALTH

Opioid Dispensations by Prescription Length



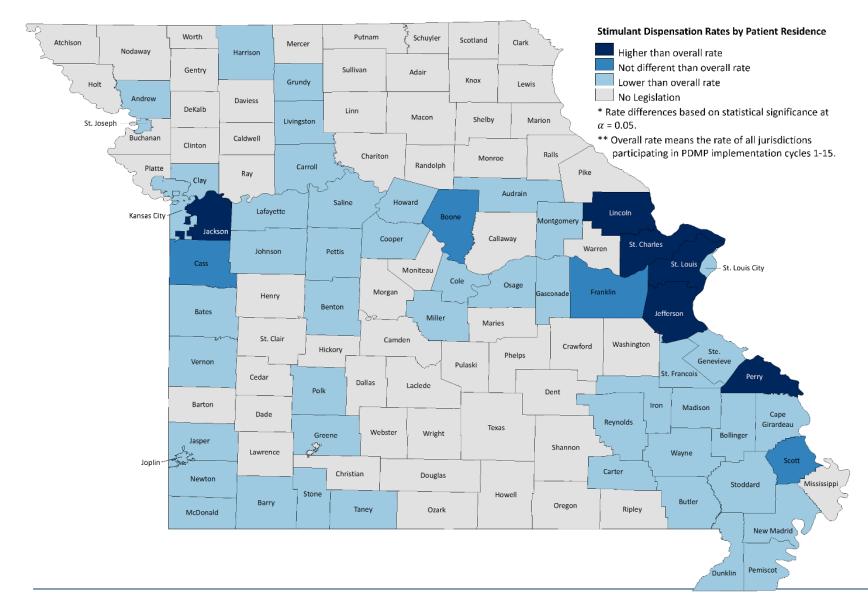
PUBLIC HEALTH

Buprenorphine Dispensation Rates per 1,000 Population



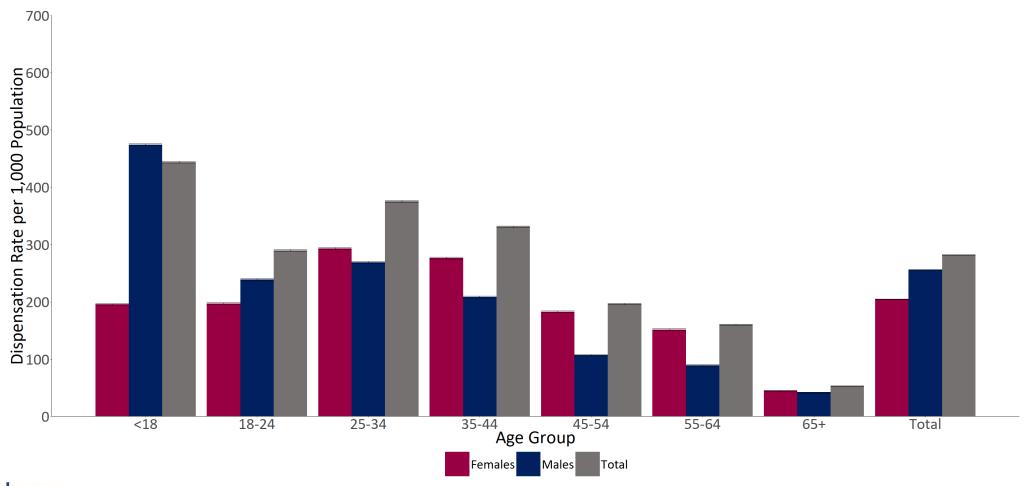


Stimulant Dispensation Rates per 1,000 Population





Stimulant Dispensation Rates per 1,000 Population





PUBLIC-FACING DASHBOARD



Opioid Action Plan Dashboard

OPIOID ACTION PLAN PROGRESS

The 8 metrics below will be used to monitor the progress of the opioid action plan and how the community's health is being affected. Click the metric to see more information including metric definitions, data source, and additional data points.

306

Opioid-Related Deaths
Occurrences in St. Louis
County 2018

299

Nonfatal Overdoses / Month
St. Louis City & County 2018,
Monthly Average

8

Agencies Reporting Nonfatal
Overdoses
St. Louis City and County

8,125

Naloxone Kits Distributed
MO-HOPE Project
St. Louis City & County
Dec 2016-Mar 2019

6

Overdose Response Teams Established St. Louis County 15.1

Average Day Supply of
Opioids Prescribed
St. Louis County
Q4 2018

26%

PDMP Patient Searches /
Prescriptions Dispensed
Q4 2018

118

Medication-Assisted

Treatment (MAT) Providers

St. Louis County



Future Data-Related Projects

- Prescribing Summaries
- Nonfatal Overdose Surveillance
- Data Linkages
- Targeted Naloxone Distribution



Contact Information

Opioid Action Plan website: www.recoverSTL.com

DPH PDMP website: www.stlouisco.com/PDMP

PDMP website: https://missouri.pmpaware.net

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