



# The Impact of Opioid Addiction on Infectious Diseases

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# Objectives

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- Discuss HRSA's Office of Regional Operations.
- Enhance knowledge of HIV and Opioid Abuse in Mississippi.
- Pre-Exposure Prophylaxis (PrEP) in Mississippi.
- Discuss ways to to address HIV/HCV in Mississippi.



# Health Resources and Services Administration (HRSA)

## Overview



Supports more than 90 programs that provide health care to people who are geographically isolated, economically or medically vulnerable.

The agency funds grants and cooperative agreements to more than 3,000 awardees, including community and faith-based organizations, colleges and universities, hospitals, state, local, and tribal governments, and private entities



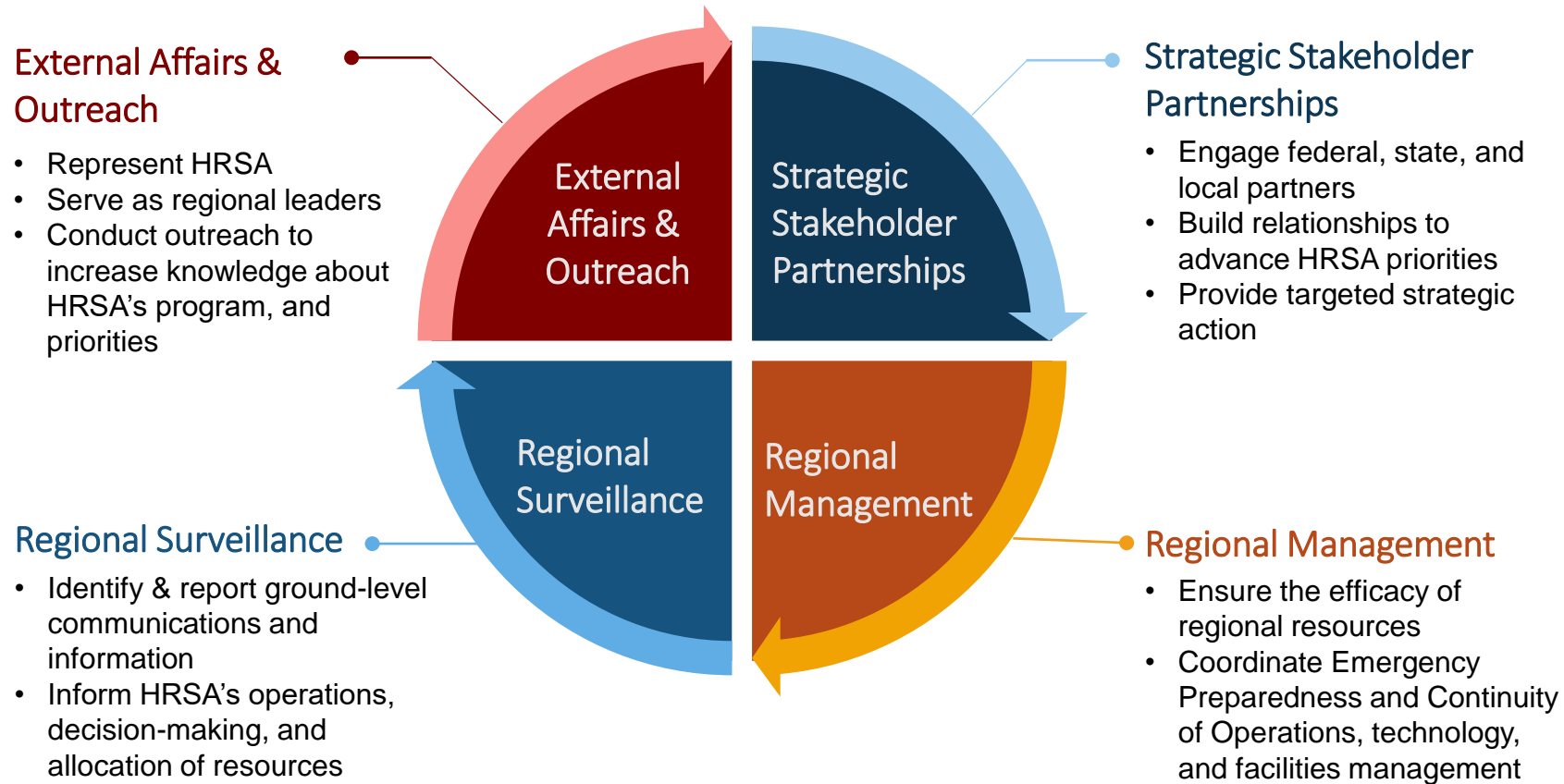
Every year, HRSA programs serve tens of millions of people, including people living with HIV/AIDS, pregnant women, mothers and their families, and those otherwise unable to access quality health care

# Office of Regional Operations



# Office of Regional Operations

## Core Functions



# Office of Regional Operations

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## When should you contact ORO?

- To connect with HRSA or HHS programs
- Questions about HRSA or HHS programs, data, policies, or resources
- Seeking a new type of partner or resource (including funding opportunities)
- To share information with HRSA to inform decision making or programming
- HRSA representation at a meeting or event
- Simply to connect!



# HIV Trends in Mississippi



# Vulnerable County Rank

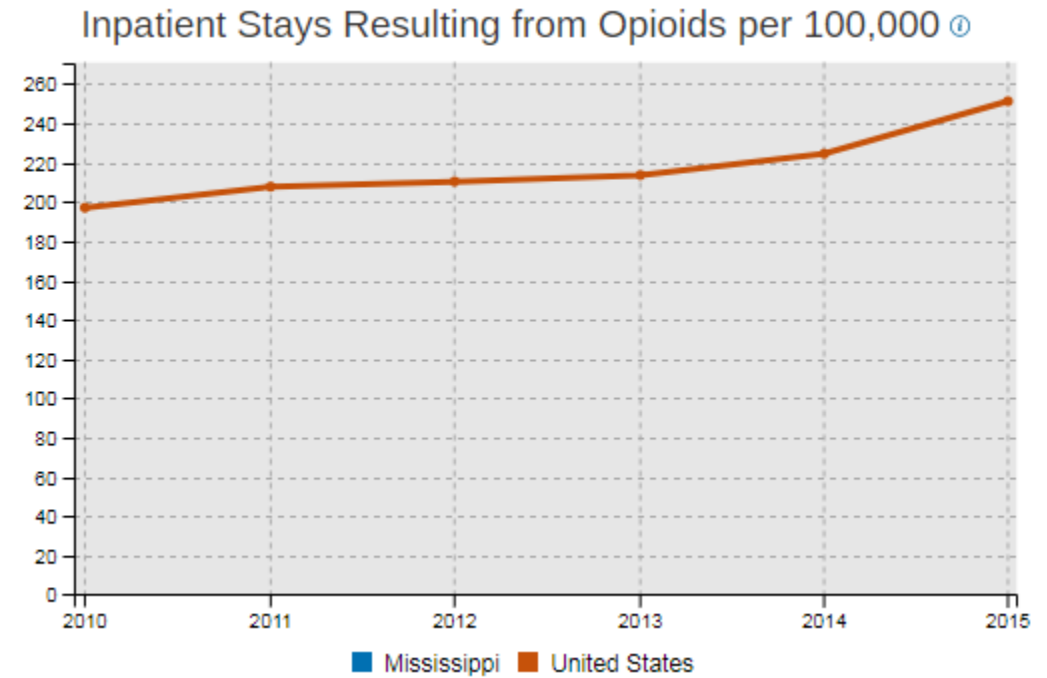
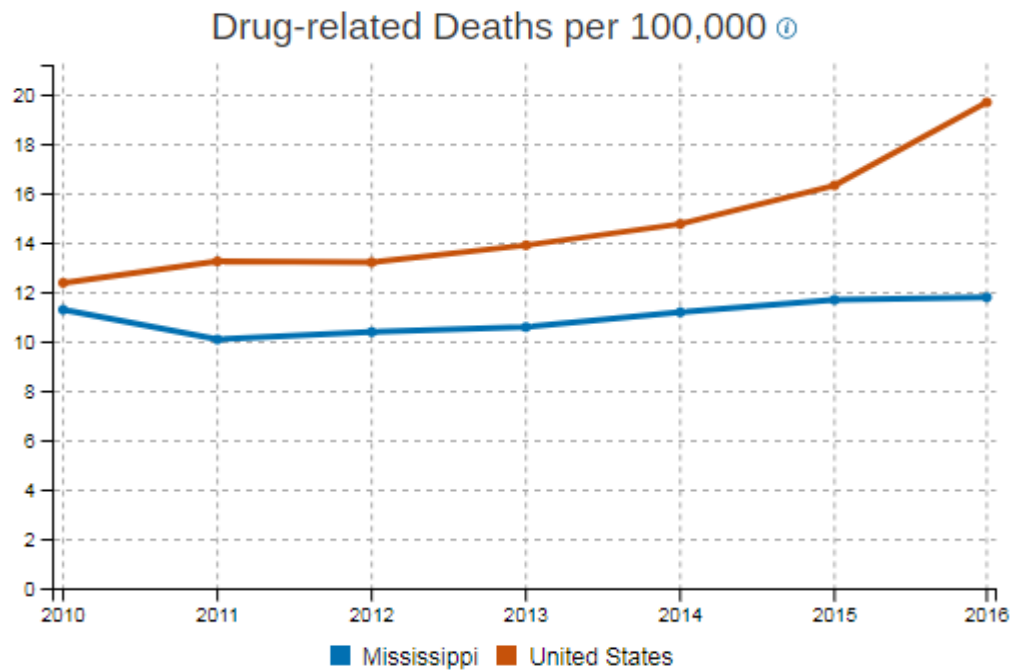
The CDC has identified 220 counties at risk of outbreaks of HIV and/or hepatitis C as a result of the opioid epidemic. In Mississippi, **Tishomingo County**.



Retrieved from: <http://opioid.amfar.org/MS>



# Mississippi State Trends

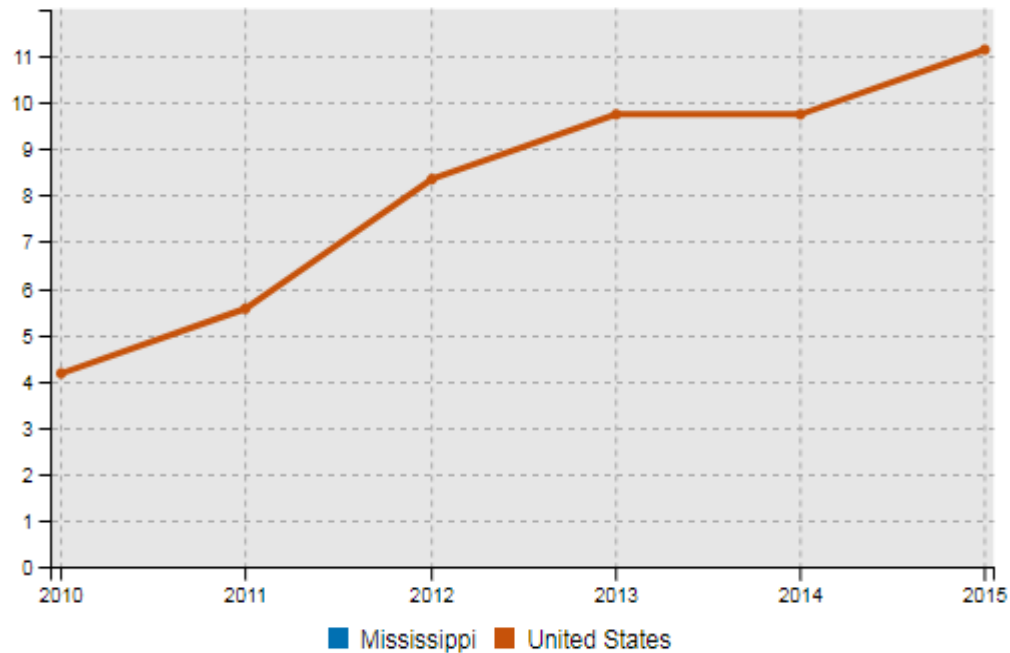


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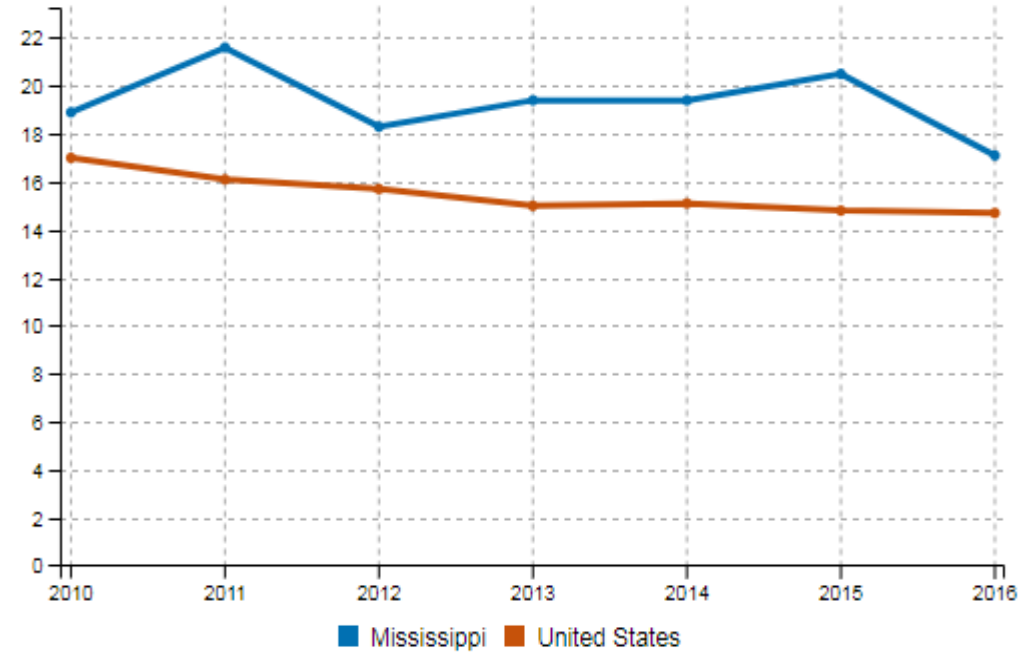


# Mississippi State Trends

Estimated Acute Hepatitis C Cases per 100,000 ⓘ



New HIV Diagnoses per 100,000 ⓘ



Retrieved from: <http://opioid.amfar.org/MS>

# Mississippi Demographics

	Mississippi	National
<b>Demographics</b>		
Percent of People without Health Insurance (2016) ⓘ	14.6%	11.7%
Population (2016) ⓘ	2,988,726	323,127,513
<b>HIV and HCV</b>		
Number of People Living with Diagnosed HIV (2015) ⓘ	9,236	971,524
Number of People with Hepatitis C (2010) ⓘ	35,200	3,862,600
<b>Opioid Use</b>		
Drug-related Deaths (2016) ⓘ	352	63,632
Drug-related Deaths per 100,000 (2016) ⓘ	11.8	19.7

Retrieved from: <http://opioid.amfar.org/MS>



# Mississippi Demographics

Healthcare		
Percent Needing but Not Receiving Addiction Treatment (2016) ⓘ	93.3%	88.9%
Opioids prescribed per capita, in morphine mg equivalents (MME) (2015) ⓘ	769.6	642.1
Number of 30 Days Supply of Opioids per Part D Enrollee (2015) ⓘ	2.8	2.1
Treatment and Prevention Services		
Facilities Providing Substance Abuse Services (2018) ⓘ	70	12,722
Syringe Exchange Programs (2018) ⓘ	0	297
Percent of Drug Treatment Paid by Medicaid (2016) ⓘ	4.0%	24.2%

Retrieved from: <http://opioid.amfar.org/MS>



# HIV in Mississippi

**Diagnoses of HIV infection, by year of diagnosis and selected characteristics, 2013 - 2017 - Mississippi**  
*Based on data reported through January 8, 2018 (allowed a minimum of 1 months reporting delay of diagnoses)*

		2013	2014	2015	2016	2017
<b>Sub-total</b>		<b>479</b>	<b>486</b>	<b>512</b>	<b>426</b>	<b>413</b>
<b>Transmission Category: Male Adult or Adolescent</b>	Male-to-male sexual contact	248	283	269	208	126
	Injection drug use	4	1	-	1	-
	Male-to-male sexual contact & injection drug use	3	3	1	-	-
	Heterosexual contact **	36	13	113	81	35
	Perinatal exposure	-	1	-	-	-
	Other ***	71	74	17	40	151
<b>Sub-total</b>		<b>362</b>	<b>375</b>	<b>400</b>	<b>330</b>	<b>312</b>
<b>Transmission Category: Female Adult or Adolescent</b>	Injection drug use	4	1	1	-	-
	Heterosexual contact **	65	33	105	80	50
	Perinatal exposure	1	-	-	-	1
	Other ***	46	77	5	16	50
<b>Sub-total</b>		<b>116</b>	<b>111</b>	<b>111</b>	<b>96</b>	<b>101</b>



Retrieved from: [https://msdh.ms.gov/msdhsite/\\_static/](https://msdh.ms.gov/msdhsite/_static/)



# HIV in Mississippi Health Centers

Health Center Name	City	State	HIV	HIV Linkage to Care
AARON E. HENRY COMMUNITY HEALTH SERVICES CENTER, INC.	CLARKSDALE	MS	0.76%	100.00%
ACCESS FAMILY HEALTH SERVICES, INC.	SMITHVILLE	MS	0.00%	-
AMITE COUNTY MEDICAL SERVICES, INC.	LIBERTY	MS	0.11%	-
CENTRAL MISSISSIPPI CIVIC IMPROVEMENT ASSOCIATION, INC.	JACKSON	MS	0.34%	0.00%
CENTRAL MISSISSIPPI HEALTH SERVICES, INC.	JACKSON	MS	0.20%	100.00%
CLAIBORNE COUNTY FAMILY HEALTH CENTER	PORT GIBSON	MS	-	-
COASTAL FAMILY HEALTH CENTER, INC.	BILOXI	MS	1.76%	100.00%
DELTA HEALTH CENTER, INC.	MOUND BAYOU	MS	0.17%	-
DR. ARENIA C. MALLORY HLTH. CENTER, INC.	LEXINGTON	MS	0.01%	-
EAST CENTRAL MISSISSIPPI HEALTH CARE, INC	SEBASTOPOL	MS	0.02%	-
FAMILY HEALTH CARE CLINIC, INC.	PEARL	MS	0.04%	-
FAMILY HEALTH CENTER, INC.	LAUREL	MS	0.06%	100.00%
G.A. CARMICHAEL FAMILY HEALTH CENTER, INC.	CANTON	MS	1.37%	100.00%
GREATER MERIDIAN HEALTH CLINIC, INC	MERIDIAN	MS	0.45%	-
GREENE AREA MEDICAL EXTENDERS, INC.	LEAKESVILLE	MS	0.00%	-
JEFFERSON COMPREHENSIVE HEALTH CENTER, INC.	FAYETTE	MS	0.07%	100.00%
MANTACHIE RURAL HEALTH CARE, INC	MANTACHIE	MS	0.00%	-
NORTH MISSISSIPPI PRIMARY HEALTH CARE INC.	ASHLAND	MS	0.04%	100.00%
NORTHEAST MISSISSIPPI HEALTH CARE, INC.	BYHALIA	MS	0.04%	-
OUTREACH HEALTH SERVICES, INC.	SHUBUTA	MS	0.09%	-
SOUTHEAST MISSISSIPPI RURAL HEALTH, INC	HATTIESBURG	MS	1.70%	100.00%

Retrieved from: <https://bphc.hrsa.gov/uds/datacenter>.



# POLICIES AND PrEP



# Mississippi Opioid Policies

Several policies can mitigate the impact of increased opioid use



Syringe Exchange Programs  
are Not Legal (2017)



Prescribers are Not Required  
to Check PDMP (2016)



Jurisdictions have Not  
Completed CDC Consultation  
(2018)



# A Pill a Day to Keep HIV Away

The U.S. Food and Drug Administration (FDA) approved **Truvada** for PrEP use in 2012. This medication is taken as a once-daily oral pill, which combines two medicines in one.



# PrEP Prescribers in Mississippi

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## Laura Family Clinic

1440 Jefferson Street  
Laurel, MS 39440

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## Open Arms Healthcare Center\*

805 East River Place  
Jackson, MS 39216

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## Lakeland Family Medicine

764 Lakeland Drive  
Flowood, MS 39216



Retrieved from: <https://www.greaterthan.org/get-prep/>

# Ryan White and PrEP HRSA/HAB Policy Guidance

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- Ryan White funds cannot be used for PrEP medications or medical services related to PrEP.
- Ryan White fund recipients and providers can provide services like risk reduction counseling and targeted testing.



# Call to Action

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- **Seek opportunities to participate** in state and local discussions about HIV/HCV and opioids in MS.
- **Establish a partnership** with state and community partners in HIV.
- **Discuss** what your agency/program can do to promote PrEP in MS rural communities.
- **Others?**



# Office of Regional Operations - Atlanta

## Questions

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## Connect with HRSA

To learn more about our agency, visit

[www.HRSA.gov](http://www.HRSA.gov)



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# Office of Regional Operations - Atlanta

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