

2023

**ANNUAL
REPORT**



MISSISSIPPI STATE DEPARTMENT OF HEALTH

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ADMINISTRATIVE





MISSISSIPPI STATE DEPARTMENT OF HEALTH

As the State Health Officer, I am committed to fulfilling our mission of protecting and advancing the health, well-being, and safety of everyone in Mississippi.

Mississippi is faced with numerous health challenges, and it is our responsibility to address them. With a population of 2.9 million residents across the state, we have a significant number of individuals who require our care and attention. I, along with everyone at MSDH, have felt the need to be catalysts for change, recognizing the urgency to improve the state's public health system.

It is disheartening to acknowledge that Mississippi ranks at the bottom of virtually every healthcare indicator and at the top of every health disparity. However, I firmly believe that we do not have to accept this as our fate. We must challenge the notion that we are destined to be the unhealthiest state in the nation. Change cannot wait, and it is imperative that we act.

To address these challenges, we must employ strategies and develop partnerships that allow us to listen to the needs of our communities. By actively engaging with the people we serve, we can better understand their specific requirements and work together to enhance public health. Our goal is to go beyond traditional healthcare settings and establish meaningful connections with communities, ensuring that their voices are heard, and their needs are met.

In our pursuit of improvement, we rely on data and evidence-based methods. By leveraging the data contained in this report and understanding the evidence, we can identify the best ways to enhance the public health system. We are committed to presenting the science as we know it and utilizing the evidence to drive positive change.

I am confident that by working together, we can overcome the challenges that Mississippi faces. It is our duty to protect and advance the health, well-being, and safety of every individual in our state. Let us seize this opportunity to make a difference and create a healthier future for Mississippi.

Sincerely,

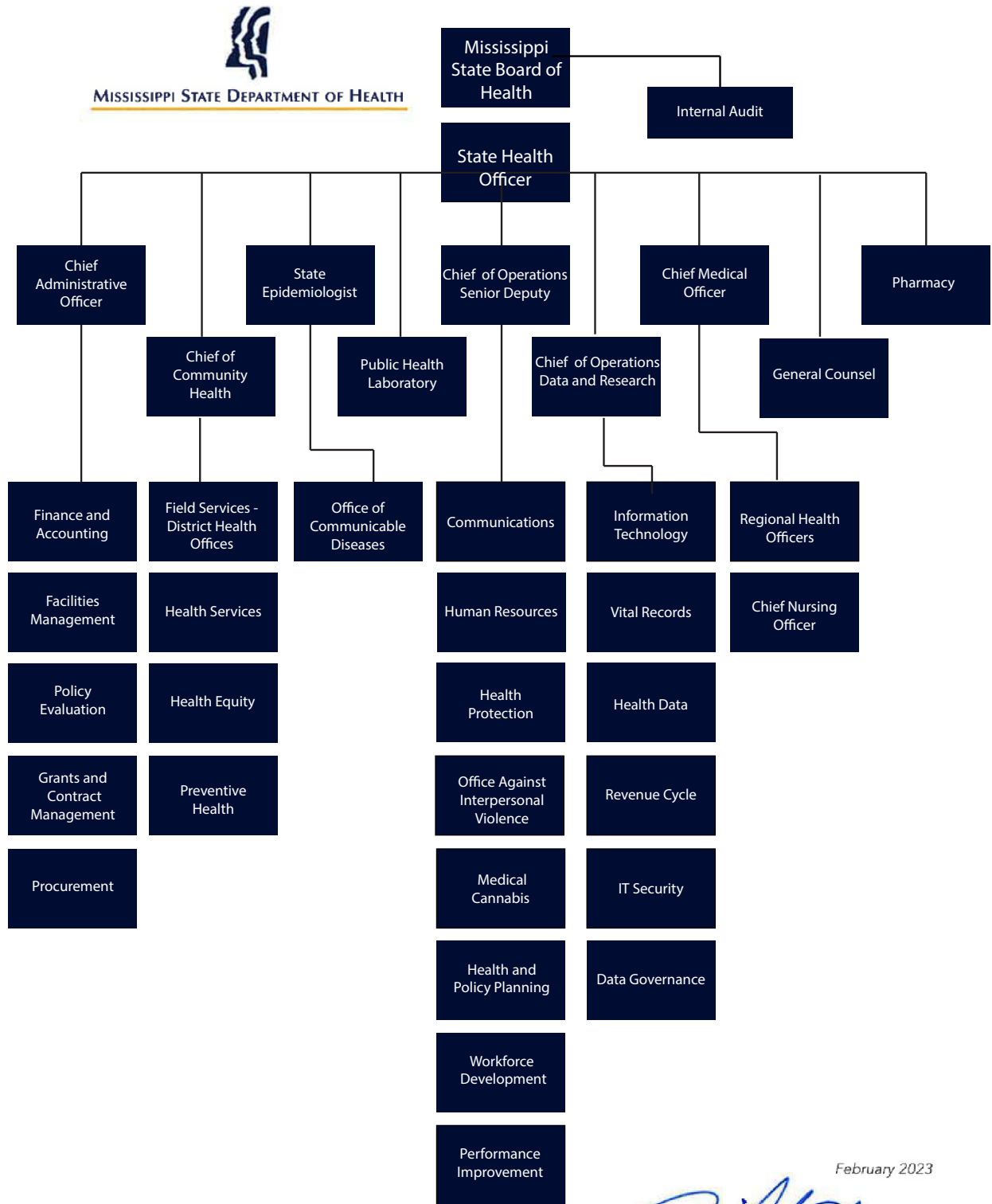
Daniel Edney, MD

Dr. Daniel Edney, M.D., FACP, FASAM
Mississippi State Health Officer

MISSISSIPPI STATE BOARD OF HEALTH FOR FY 2023

NAME	TERM EXPIRES
Elayne H. Anthony, PhD Madison, MS	June 30, 2025
James P. “Pat” Chaney, MD Amory, MS	June 30, 2027
John D. Davis, IV, MD Flowood, MS	June 30, 2023
Elizabeth “Beth” Edminston, PT Ocean Springs, MS	June 30, 2023
Lee Ann Griffin, PharmD. Jackson, MS	June 30, 2027
J. Edward Hill, MD, FAAFP Oxford, MS	June 30, 2027
Lucius “Luke” M. Lampton, MD Magnolia, MS	June 30, 2025
Robert “Bobby” J. Moody Louisville, MS	June 30, 2025
James “Jim” Lafayette Perry, III Jackson, MS	June 30, 2025
Wheeler Timothy “Tim” Timbs, III Indianola, MS	June 30, 2023
Thad Fulton Waites, MD, MACC Hattiesburg, MS	July 1, 2027

MISSISSIPPI STATE DEPARTMENT OF HEALTH FUNCTIONAL ORGANIZATIONAL CHART



February 2023

PUBLIC HEALTH REGIONS

Northern Public Health Region

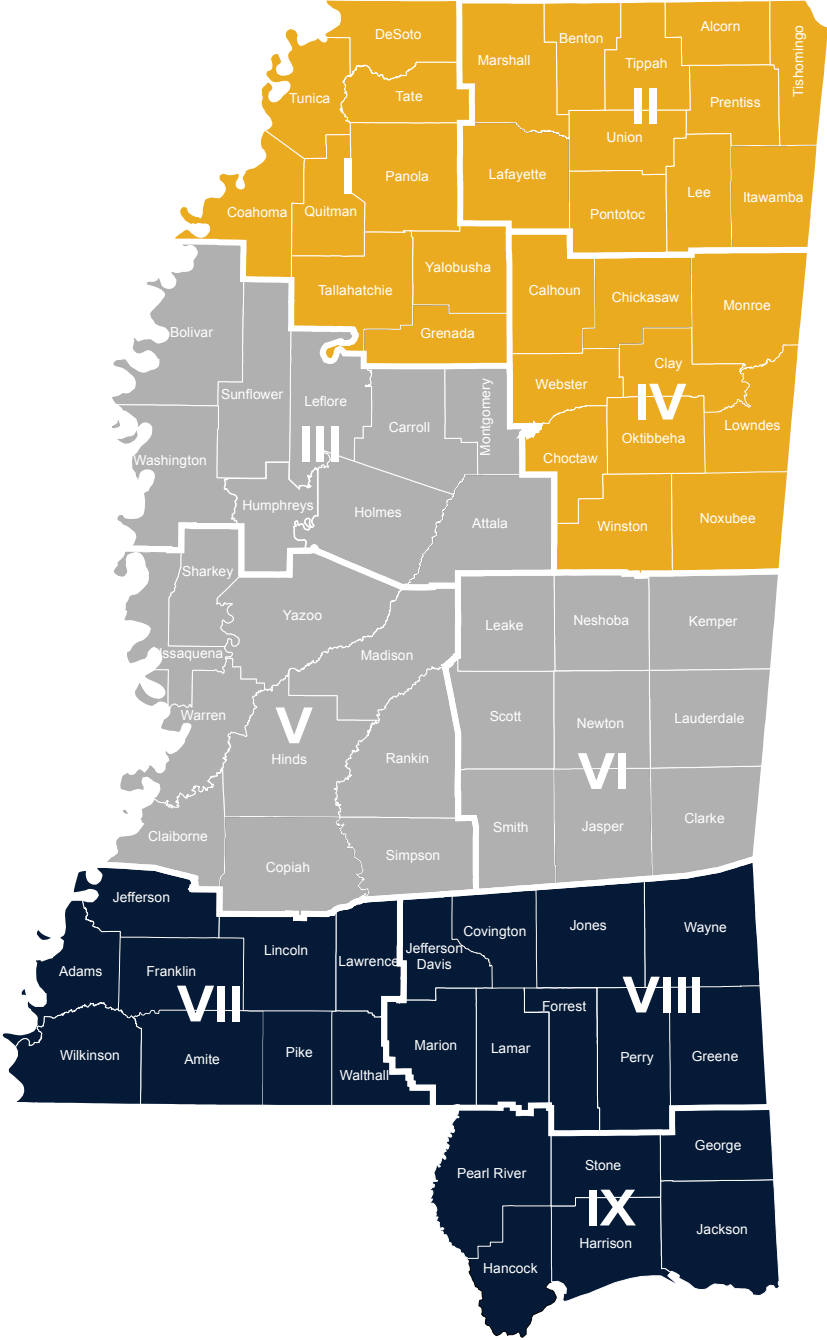
532 S. Church St.
 Tupelo, MS 38804
 Tel: 662-841-9015

Central Public Health Region

4800 McWillie Circle
 Jackson, MS 39206
 Tel: 601-981-2304

Southern Public Health Region

1141 Bayview Ave., Suite 102
 Biloxi, MS 39530
 Tel: 228-436-6770



MSDH ADMINISTRATION

State Health Officer	Daniel Edney, M.D., FACP, FASAM	(601) 576-7634
Senior Deputy	Kris Adcock, MSW, C.P.M.	(601) 576-8066
Performance Improvement	Katherine Richardson	(601) 576-7653
Government Relations	Logan Dillon	(601) 576-7634
Human Resources	Kimberly Reese	(601) 576-7642
Interpersonal Violence	Joy Jones	(601) 206-1553
MS Medical Cannabis Program	Laura Goodson	(601) 206-1540
Communications	Lauren Hegwood	(601) 576-7667
Director of Health Protection	Melissa Parker	(601) 364-1100
Emergency Planning & Response	Christy Berry	(601) 933-6864
EMS & Acute Care Systems	Teresa Windham	(601) 933-2442
Environmental Health	Les Herrington	(601) 576-7690
Licensure	Nicole Banes	(601) 364-1100
Health Data, Operations & Research	Dorothy K. Young, Ph.D.	(601) 576-7634
Revenue Cycle	Miranda Hillman	(601) 576-7886
EPIC	Christina Graham	(601) 576-7085
Health Data & Research	Degarette Tureaud	(601) 576-8165
Information Technology	Vacant	(601) 576-8092
Data Governance	David Trewolla	(601) 576-7855
Vital Records	Judy Moulder, M.H.S.	(601) 206-8265
Field Services	Tim Darnell, M.S.	(601) 576-7951
Regional Health Administrators		
Region 1	Jonathan Chaney	(662) 841-9015
Region 2	David Caulfield	(601) 981-2304
Region 3	Chad Bridges	(228) 436-6770
Chief Medical Officer	Justin Turner, M.D.	(601) 576-7634
Regional Health Officers		
Region 1	Crystal L. Tate, M.D.	(662) 841-9015
Region 2	Don Faucett, M.D.	(662) 773-8087
Region 3	Christy Barnett, M.D.	(228) 436-6770

MSDH ADMINISTRATION

Chief Administrative Officer	Sharon Dowdy, CPA, CFE, CPM	(601) 576-7359
Health Administration		
Financial Management	Geeta Foreman	(601) 576-7544
Support Services	Jennifer Dotson	(601) 576-7627
Policy Evaluation	Breanne Hancock	(601) 576-7428
Public Health Laboratory	Daphne Ware, Ph.D., M.S.	(601) 576-7582
Public Health Pharmacy	Meg Pearson, Pharm.D.	(601) 713-3457
Health Services		
Child & Adolescent Health	Beryl Polk, Ph.D., M.B.A., M.S.	(601) 576-7464
State Dental Director	Dr. Angela Filzen, DMD	(601) 206-1590
WIC	Jameshyia Ballard	(601) 991-6000
Women's Health	Krista Guynes	(601) 576-7856
Preventive Health & Health Equity		
Office of Preventive Health	Cassandra Brown	(601) 206-1559
Office of Tobacco Control	Vacant	(601) 991-6058
State Epidemiologist		
Deputy State Epidemiologist	Kathryn Taylor, M.D.	(601) 576-7725
	Vacant	(601) 576-7725
Communicable Disease		
Immunization	Jennifer Fulcher	(601) 576-7725
Tuberculosis	Amanda Netadj	(601) 576-7751
STD/HIV	Donald Franklin	(601) 576-7700
	Kendra Johnson	(601) 576-7723
Health Policy & Planning	Rachel Sprinkle, J.D.	(601) 576-7874
Legal Counsel	Christin Williams J.D.	(601) 576-7847
Internal Audit	Wayne Jerome, C.I.A.	(601) 576-7524

CHANGES IN REGULATIONS FISCAL YEAR 2023

The following final regulatory actions were taken by the Mississippi State Board of Health in FY 2023:

OCTOBER 2023

Final Adoption of Amendment to the Minimum Standards of Operations for Mississippi Hospitals

- Amended rule to require criminal background checks every two years for employees.

Final Adoption of Amendment to the Emergency Medical Services Rules and Regulations

- Amended the rules to provide a framework and regulation of EMS tiered response.

Final Adoption of Amendment to the Newborn Screening and Birth Defects Registry Regulations

- Amended the rules to add screening for X-ALD to the newborn screening panel.

JANUARY 2023

Final Adoption of Amendment to the Regulations Governing Licensure of Occupational Therapists and Occupational Therapy Assistants

- Defined requirements and parameters for telehealth for occupational therapists.
- Amended rule requirements for continuing education.
- Amended rule regarding supervision requirements.

Final Adoption of Amendments to the Regulations Governing Licensure of Respiratory Care Practitioners

- Revised rule to remove compensation restrictions for respiratory care practitioner students.
- Added rule to allow second year respiratory care practitioner students to receive compensation while employed and set the parameters for the duties they perform.
- Relabeled rule numbers.

Final Adoption of Amendments to the Minimum Standards of Institutions for the Aged or Infirm

- Amended the rules to be consistent with the rest of licensed facility regulations in the Office of Licensure.

Final Adoption of Amendments to the Minimum Standards of Operation for Birthing Centers

- Amended the rules to be consistent with the rest of licensed facility regulations in the Office of Licensure.
- Added rule to address infection control standards that shall be met at birthing centers.

CHANGES IN REGULATIONS FISCAL YEAR 2023

Final Adoption of Amendments to the Minimum Standards of Operation for Home Health Agencies

- Amended the rules to be consistent with the rest of licensed facility regulations in the Office of Licensure.

Final Adoption of Amendments to the Minimum Standards of Operation for Hospice

- Amended the rules to be consistent with the rest of licensed facility regulations in the Office of Licensure.

Final Adoption of Amendments to the Minimum Standards for Mississippi Hospitals

- Added rule to provide regulations for Critical Access Hospitals based on CMS guidelines.

Final Adoption of Amendments to the Regulations Governing Registration of Child Residential Homes

- Amended the rules to be consistent with the Childcare regulations filed in February 2022 in the Office of Licensure.

Final Adoption of Amendments to Emergency Medical Services Regulations

- Added rule to provide approval or disapproval of out-of-state paramedic clinical and field practicum experiences.

Final Adoption of Amendments to the Medical Cannabis Program Regulations for Cannabis Testing Facilities

- Added definition of demonstration of capability.
- Added and revised definitions for clarity.
- Amended rules for clarification.

Final Adoption of Amendments to the Medical Cannabis Program Regulations for Program Registry and Registry Identification Cards

- Amended rules for clarification.

Final Adoption of Amendments to the Medical Cannabis Program Regulations for Advertising and Marketing

- Amended rules for clarification.

Final Adoption of Amendments to the Medical Cannabis Program Regulations for Work Permits

- Amended rules for clarification.

Final Adoption of Amendments to the Medical Cannabis Program Regulations for Cannabis Cultivation Facilities (Cultivators and Micro-Cultivators)

- Amended rules for clarification.

CHANGES IN REGULATIONS FISCAL YEAR 2023

Final Adoption of Amendments to the Medical Cannabis Program Regulation for Cannabis Processing Facilities (Processors and Mirco-Processors)

- Amended rules for clarification.

Final Adoption of Amendments to the Medical Cannabis Program Regulation for the Commercial Transportation of medical Cannabis

- Amended rules for clarification.

Final Adoption of Amendments to the Medical Cannabis Program Regulation for the Commercial Disposal or Destruction of Cannabis and/or Cannabis Products

- Amended rules for clarification.
- Revised rules to add an administrative appeals process.

Final Adoption of Amendments to the STEMI System or Care Regulations

- Removed Appendix.
- Amended the rule to update current committee structure to allow for cardiology vice chair and to add non-transport EMS to he committee.

APRIL 2023

Final Adoption of Amendments to Medical Cannabis Program Regulations for Cannabis Testing Facilities

- Amended rules for clarification.
- Revised rules regarding testing.

Final Adoption of Amendments to the Medical Cannabis Program Regulations for Advertising and Marketing

- Amended rules for clarification.

Final Adoption of Amendments to the Medical Cannabis Program Regulations for Cannabis Cultivation Facilities (Cultivators and Mirco-Cultivators)

- Revision of rules regarding terminology and definitions.
- Amended rules for clarification.

CHANGES IN REGULATIONS FISCAL YEAR 2023

Final Adoption of Amendments to the Medical Cannabis Program Regulations for Cannabis Processing Facilities (Processors and Mirco-Processors)

- Revision of rules regarding terminology and definitions.
- Amended rules for clarification.

Final Adoption of an Amendment to the Rules Governing Vital Record Events

- Updated chapters 2 and 6 to remove and replace old rule numbers and references.
- Amended rules to comport with statutory language.

JULY 2023

Final Adoption of Modifications to the Rules and Regulations Governing Reportable Diseases and Conditions

- Adopted emergency amendments to address congenital syphilis.

Final Adoption of Modifications to the Minimum Standards of Operations for County Health Departments

- Adopted minimum standards for establishment, maintenance, and operation of county health departments and county health department buildings.

CHANGES IN STATE LAW

Legislative Updates for the 2023 Mississippi Legislative Session

HOUSE BILL 4. Signed 3/23/2023. Effective 7/1/2023.

To add Tianeptine to Schedule I of the Uniform Controlled Substances Act.

HOUSE BILL 231. Signed 3/15/2023. Effective 7/1/2023.

An act to direct the state department of mental health to develop and implement a comprehensive and statewide fentanyl and drug abuse education, prevention and cessation program that is based on scientific data and research.

HOUSE BILL 249. Signed 3/22/2023. Effective 7/1/2023.

To extend the date of the repealer on the provision of law excluding from the state service those employees of the state department of health and the department of revenue whose employment is solely related to the MS Medical Cannabis Act.

HOUSE BILL 259. Signed 3/22/2023. Effective 7/1/2023.

To extend the date of the repealers on those statutes establishing registration and continuing education requirements for medical radiation technologists.

HOUSE BILL 271. Signed 4/17/2023. Effective **ON PASSAGE.**

An act making an appropriation from the coronavirus state fiscal recovery lost revenue fund to the state department of health for the purpose of funding the health care impact grant program.

HOUSE BILL 280. Signed 3/22/2023. Effective 7/1/2023.

An act to prohibit a foreign government from purchasing, acquiring, leasing, or holding an interest, as defined, in agricultural land within the state of Mississippi.

HOUSE BILL 485. Signed 4/17/2023. Effective 7/1/2023.

An act to provide a process to collect and preserve sexual assault evidence collection kits.

HOUSE BILL 518. Signed 3/22/2022. Effective 7/1/2023

To revise certain provisions of the covid-19 Mississippi local provider innovation grant program.

HOUSE BILL 522. Signed 3/22/2023. Effective 7/1/2023.

To extend the date of the repealer on the Mississippi individual on-site wastewater disposal system law.

HOUSE BILL 540. Signed 3/22/2023. Effective 7/1/2023.

To require the department of finance and administration to conduct personal and professional services solicitations in excess of seventy-five thousand dollars for certain agencies.

HOUSE BILL 559. Signed 2/20/2023. Effective 7/1/2023.

To designate the second week of April each year as “the Phillip Cameron Hendry Mississippi mosquito and West Nile Virus awareness week”.

CHANGES IN STATE LAW

HOUSE BILL 584. Signed 3/22/2023. Effective 7/1/2023.

To clarify that the amount specified for care grants under the Mississippi qualified health center grant program is the minimum amount of grants to be issued.

HOUSE BILL 603. Signed 4/21. Effective **ON PASSAGE.**

An act to bring forward sections 27-103-125, 27-103-139, 27-103-203, 27-103-211, 27-103-213 and 27-103-303, Mississippi code of 1972, which relate to various aspects of the budget process, for the purposes of possible amendment.

HOUSE BILL 698. Signed 4/14/2023. Effective 7/1/2023.

To ensure just, reasonable and transparent billing for municipal water, wastewater and sewer services.

HOUSE BILL 722. Signed 3/13/2023. Effective 7/1/2023.

To exclude from the definition of “paraphernalia” under the uniform controlled substances law any materials used or intended for use in testing for the presence of fentanyl or a fentanyl analog in a substance.

HOUSE BILL 768. Signed 3/22/2023. Effective 7/1/2023.

To require an agency requesting an exemption from the Mississippi state personnel board oversight to create a written plan describing the justification for requesting an exemption.

HOUSE BILL 995. Signed 4/17/2023. Effective 7/1/2023.

To revise the evidentiary requirements for rape trials.

HOUSE BILL 1071. Signed 3/22/2023. Effective 7/1/2023.

To include sixteen substances as schedule I controlled substances because these drugs have no legitimate medical use and have a high potency with great potential to cause harm.

HOUSE BILL 1158. Signed 3/27/2023. Effective **ON PASSAGE.**

To authorize a practitioner to assist a patient in registering for a registry identification card with the department of health after the practitioner has issued a written certification to the patient.

HOUSE BILL 1169. Signed 3/27/2023. Effective 7/1/2023.

To provide that if any officer or employee of the state or a political subdivision thereof does not pay state income tax by august 15 after such income tax becomes due and payable, the officer or employee may elect to have amount withheld.

HOUSE BILL 1217. Signed 3/13/2023. Effective 7/1/2023.

To revise the court interpreters program administered by the administrative office of courts.

HOUSE BILL 1318. Signed 4/19/2023. Effective **ON PASSAGE.**

To revise the age of a child that can be dropped off under the “baby drop-off law”.

CHANGES IN STATE LAW

HOUSE BILL 1626. Signed 4/19/2023. Effective 7/1/2023 (Section 40 ON PASSAGE).

An act making an appropriation for the purpose of defraying the expenses of the state department of health for the fiscal year 2024.

HOUSE BILL 1643. Signed 4/19/2023. Effective 7/1/2023.

An act making a reappropriation to the department of finance and administration to reauthorize the expenditure of capital expenses and special funds previously appropriated for construction and/or repair and renovation projects.

SENATE BILL 2053. Signed 4/13/2023. Effective 7/1/2023.

An act to create the “deficit prevention act”.

SENATE BILL 2102. Signed 3/21/2023. Effective 7/1/2023.

To define impending emergency excavation.

SENATE BILL 2140. Signed 4/11/2023. Effective 7/1/2023.

To create the national security on state devices and networks act.

SENATE BILL 2167. Signed 4/17/2023. Effective ON PASSAGE.

An act to enact the Mississippi early intervention pilot project act.

SENATE BILL 2212. Signed 3/16/2023. Effective 7/1/2023.

To authorize and direct the division of Medicaid to provide up to 12 months of continuous coverage postpartum for any individual who qualifies for Medicaid as a pregnant woman to the extent allowable under federal law.

SENATE BILL 2282. Signed 3/10/2023. Effective 7/1/2023.

To delete the automatic repealer on the provision of law that authorizes a pharmacy to sell or distribute certain amounts of pseudoephedrine without a prescription.

SENATE BILL 2323. Signed 3/30/2023. Effective ON PASSAGE.

To clarify and expand the powers and authority of the boards of trustees of community hospitals and to provide that any consolidation or collaboration involving a community hospital and other public or private hospitals.

SENATE BILL 2336. Signed 3/14/2023. Effective 7/1/2023.

To except from the definition of the term “paraphernalia” certain testing equipment used to determine whether a controlled substance contains fentanyl or a fentanyl analog.

SENATE BILL 2371. Signed 4/17/2023. Effective 7/1/2023.

An act to create the American Rescue Plan act (ARPA) nurse/allied health workforce development and retention act.

SENATE BILL 2372. Signed 4/17/2023. Effective ON PASSAGE.

An act to establish the Mississippi hospital sustainability grant program for the purpose of improving and preserving access to hospital care for all Mississippians and in recognition of the challenges incurred by hospitals.

CHANGES IN STATE LAW

SENATE BILL 2433. Signed 3/8/2023. Effective 7/1/2023.

To exempt eligible homeowners associations in eligible municipalities from certain utility regulation when providing water to their own residents.

SENATE BILL 2444. Signed 4/14/2023. Effective **ON PASSAGE.**

An act to bring forward section 49-2-131, 41-3-16.1, 57-123-9, 57-123-11, 45-2-41, Mississippi code of 1972, which are certain ARPA programs, for purposes of possible amendment.

SENATE BILL 2485. Signed 3/14/2023. Effective 7/1/2023.

To revise the definition of qualified personnel who provide early intervention services under the early intervention act for infants and toddlers to include individuals who hold a degree in human development and family science.

SENATE BILL 2512. Signed 4/14/2023. Effective 7/1/2023.

An act to authorize counties to directly allocate coronavirus state and local fiscal recovery funds made available under the American Rescue Plan act of 2021 to rural water associations for water and sewer infrastructure projects.

SENATE BILL 2575. Signed 3/28/2023. Effective 7/1/2023.

To provide that alternative delivery systems and group health insurance policies, plans or programs regulated by the state of Mississippi shall not deny the state department of health the right to participate as a contract provider.

SENATE BILL 2613. Signed 4/17/2023. Effective 7/1/2023.

To extend the date by which an entity providing nonemergency transportation services may continue to provide such services without first receiving a permit from the department of health.

SENATE BILL 2615. Signed 3/21/2023. Effective 7/1/2023.

To revise certain provisions to authorize contract personnel employed by the state or other government entities to purchase the base plan of the state and school employees' health insurance plan if such person pays the full price.

SENATE BILL 2623. Signed 3/10/2023. Effective 7/1/2023.

To create the Mississippi state and school employees' life and health insurance plan task force to study, report and make recommendations regarding such insurance plans.

SENATE BILL 2750. Signed 3/30/2023. Effective 7/1/2023.

To establish the automated external defibrillators in public places grant program to be administered by the department of health for the purpose of providing funds to entities to supply AEDS in public places.

SENATE BILL 2781. Signed 4/19/2023. Effective 7/1/2023.

An act to create the Mississippi access to maternal assistance program within the state department of health to coordinate and promote information and services related to pregnancy, childbirth and care for dependent children.

SENATE BILL 2844. Signed 4/17/2023. Effective 7/1/2023.

To revise the duties of the bureau of fleet management.

CHANGES IN STATE LAW

SENATE BILL 2853. Signed 4/12/2023. Effective 7/1/2023.

An act to require state purchased small unmanned aircraft systems or drones to be manufactured in the United States of America and possess collision avoidance systems.

SENATE BILL 3052. Signed 4/19/2023. Effective 7/1/2023.

Coronavirus State Fiscal Recovery Fund; FY 2024 reappropriate to certain agencies.

SENATE BILL 3118. Signed 4/19/2023. Effective **ON PASSAGE.**

An act making an additional appropriation from the coronavirus state fiscal recovery fund to the department of finance and administration bureau of building, grounds, and real property management for allowable capital projects.



PUBLIC HEALTH INDICATORS



The Office of Vital Records is responsible for the registration of vital events which occur in Mississippi. The following table outlines vital events registered during the calendar year of 2022, in the state of Mississippi. During this time, the Office of Vital Records issued 498,696 certified copies of vital records to the public, funeral homes, state and federal agencies. The Vital Records switchboard answered 57,525 calls in 2022.

VITAL RECORDS PROGRAM ACTIVITIES⁷

	Number
Births	33,683
Deaths	36,820
Marriages	17,035
Divorces	8,819
Fetal Deaths	316
Induced Terminations	2,286
Adoptions	1,283
Certified Copies of Records/Certificates Issued	498,696
Answered calls to the Office of Vital Records	57,525

⁷Calendar Year 2022

Source: Mississippi State Department of Health, Office of Vital Records and Public Health Statistics

INFANT DEATHS BY RACE IN MISSISSIPPI, 2013–2022

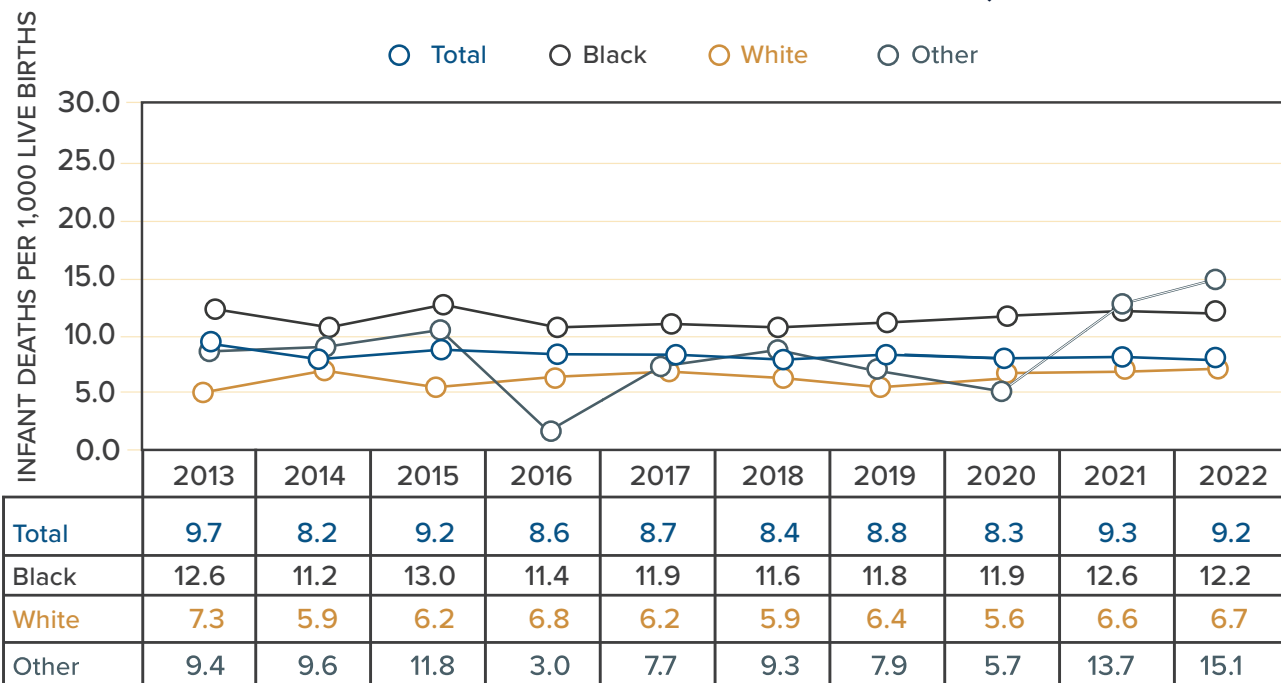
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total	373	319	354	327	326	312	322	293	327	319
Black	210	185	212	182	191	183	186	180	185	172
White	155	125	131	142	126	120	128	107	128	131
Other	8	9	11	3	8	9	8	6	14	16

Note: “Other” races include American Indian or Alaska Native, Chinese, Japanese, Hawaiian, Filipino, other Asian or Pacific Islander, or other races than those specified.

Infant Deaths, Mississippi 2022:	Total 319 (down)	Black 172 (down)	White 131 (up)	Other 16 (up)
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Source: Mississippi State Department of Health, Office of Vital Records and Public Health Statistics, CDC WONDER, Centers for Disease Control and Prevention, National Center for Health Statistics.

INFANT MORTALITY RATES BY RACE IN MISSISSIPPI, 2013–2022



Note: “Other” races include American Indian or Alaska Native, Chinese, Japanese, Hawaiian, Filipino, other Asian or Pacific Islander, or other races than those specified.

Infant Mortality Rate, Mississippi 2021:	Total 9.2	Black 12.2	White 6.7	Other 15.1
U.S. Infant Mortality Rate (2021): 5.4 per 1000 Births	(down)	(down)	(up)	(up)
Mississippi Rank in 50 States (2021): 50th				

Source: Mississippi State Department of Health, Office of Vital Records and Public Health Statistics, CDC WONDER, Centers for Disease Control and Prevention, National Center for Health Statistics.

TEEN BIRTHS BY RACE IN MISSISSIPPI, 2013–2022

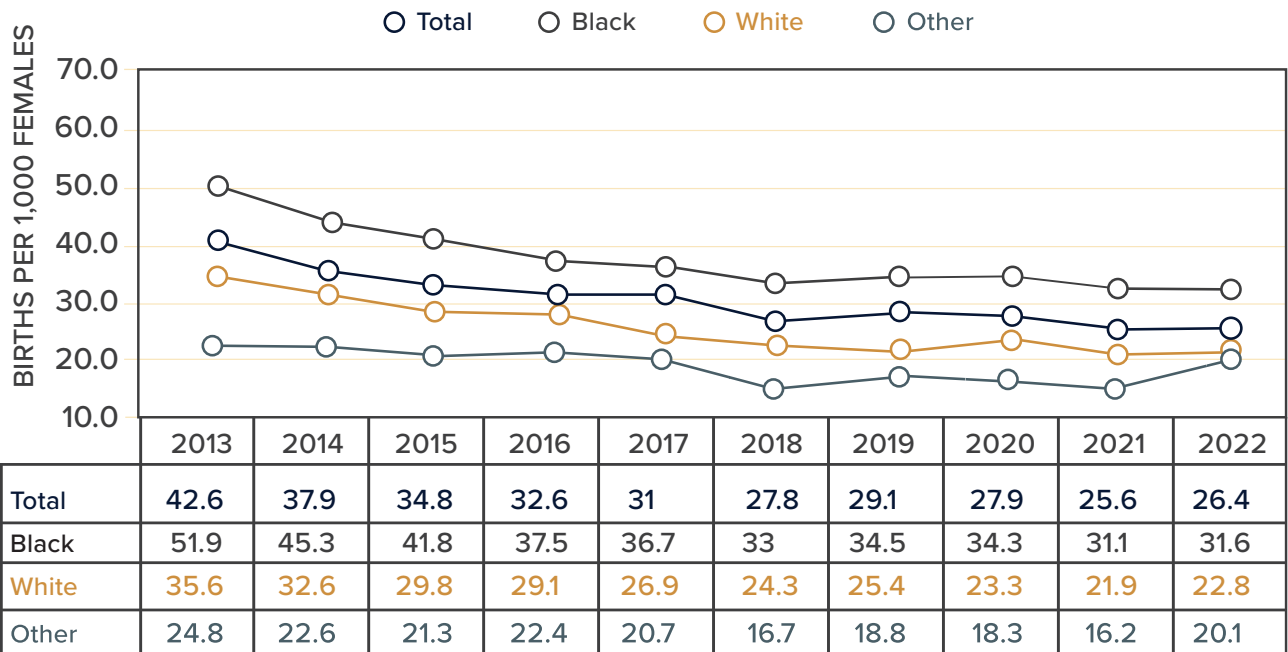
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total	4,343	3,851	3,537	3,326	3,137	2,809	2,869	2,711	2,546	2,683
Black	2,376	2,045	1,885	1,697	1,636	1,463	1,481	1,440	1,329	1,370
White	1,885	1,730	1,577	1,547	1,423	1,282	1,313	1,197	1,148	1,222
Other	82	76	75	82	78	64	75	74	69	91

Note: Total includes races other than white and black.

Teen Births, Mississippi 2022:	Total 2,683 (up)	Black 1,370 (up)	White 1,222 (up)	Other 91 (up)
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Source: Mississippi State Department of Health, Office of Vital Records and Public Health Statistics, CDC WONDER, Centers for Disease Control and Prevention, National Center for Health Statistics.

TEEN BIRTH RATES BY RACE IN MISSISSIPPI, 2013–2022



Note: Total includes races other than white and black.

Teen Birth Rate, Mississippi 2022:	Total 26.4 (up)	Black 31.6 (up)	White 22.8 (up)	Other 20.1 (up)
U.S. Teen Fertility Rate (2021): 13.9 per 1,000 Females 15-19				
Mississippi Rank in 50 States (2021): 49th				

Source: Mississippi State Department of Health, Office of Vital Records and Public Health Statistics, CDC WONDER, Centers for Disease Control and Prevention, National Center for Health Statistics.

2022 LEADING CAUSES OF DEATH, COUNTS BY YEAR, 2013-2022

Year	Heart Diseases	Malignant Neoplasms	Accidents	Sars-Cov-2 (COVID-19)	Emphysema & Other Chronic Lower Resp. Diseases
2013	7,720	6,540	1,680	0	1,757
2014	7,539	6,530	1,717	0	1,738
2015	7,965	6,490	1,799	0	1,926
2016	7,876	6,569	1,801	0	2,118
2017	7,936	6,528	1,718	0	2,037
2018	7,753	6,513	1,699	0	2,134
2019	7,993	6,586	1,892	0	2,079
2020	8,810	6,585	2,212	4,472	2,198
2021	8,841	6,619	2,436	5,084	2,131
2022	8,864	6,668	2,371	2,301	2,214

*NOTE: Causes of death include the following ICD-10 underlying cause of death codes: I00-I09, I11, I13, I20-I51 (Heart diseases); C00-C97 (malignant neoplasms); U07.1 (SARS-COV-2, COVID-19); V01-X59, Y85, Y86 (accidents); J40-J47 (emphysema and other chronic lower respiratory diseases)
Source: Mississippi State Department of Health, Office of Vital Records and Public Health Statistics.*

2022 LEADING CAUSES OF DEATH, MORTALITY RATES, 2013-2022

RATE (PER 100,000)

Year	Heart Diseases	Malignant Neoplasms	Accidents	Sars-Cov-2 (COVID-19)	Emphysema & Other Chronic Lower Resp. Diseases
2013	258.1	218.6	56.2	0.0	58.7
2014	251.8	218.1	57.3	0.0	58.0
2015	266.2	216.9	60.1	0.0	64.4
2016	263.5	219.8	60.3	0.0	70.9
2017	265.9	218.8	57.6	0.0	68.3
2018	259.6	218.1	56.9	0.0	71.5
2019	268.6	221.3	63.6	0.0	69.9
2020	297.0	222.0	74.6	150.7	74.1
2021	299.7	224.4	82.6	172.3	72.2
2022	301.5	226.8	80.6	78.3	75.3

NOTE: Causes of death include the following ICD-10 underlying cause of death codes: I00-I09, I11, I13, I20-I51 (Heart diseases); C00-C97 (malignant neoplasms); U07.1 (SARS-COV-2, COVID-19); V01-X59, Y85, Y86 (accidents); J40-J47 (emphysema and other chronic lower respiratory diseases)
Source: Mississippi State Department of Health, Office of Vital Records and Public Health Statistics.

2022 LEADING CAUSES OF DEATH, U.S. RATE AND RANK IN 50 STATES (2021)

U.S. Rank/Rate (2021)	Heart Diseases	Malignant Neoplasms	Accidents	Sars-Cov-2 (COVID-19)	Emphysema & Other Chronic Lower Resp. Diseases
MS Rate	47	47	41	44	48
U.S. Rate	209.6	182.4	67.8	125.6	42.9

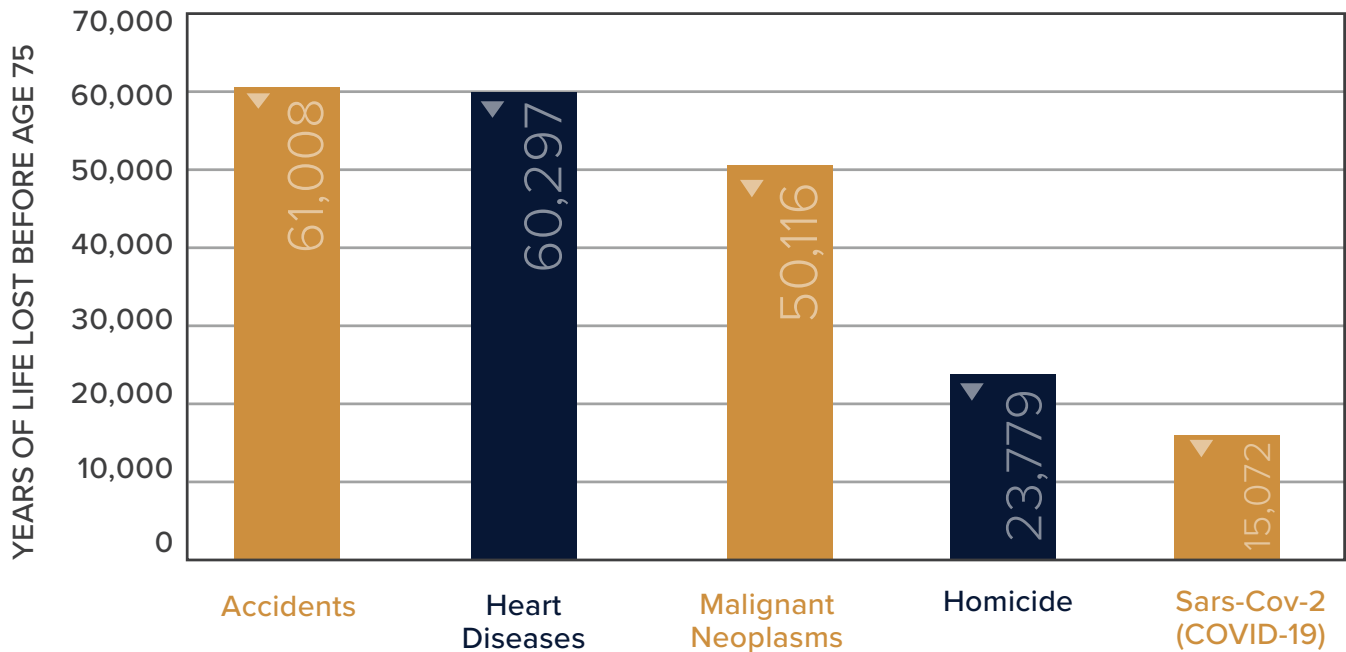
NOTE: Causes of death include the following ICD-10 underlying cause of death codes: I00-I09, I11, I13, I20-I51 (Heart diseases); C00-C97 (malignant neoplasms); U07.1 (SARS-COV-2, COVID-19); V01-X59, Y85, Y86 (accidents); J40-J47 (emphysema and other chronic lower respiratory diseases)
Source: Mississippi State Department of Health, Office of Vital Records and Public Health Statistics, CDC WONDER, Prevention, National Center for Health Statistics

LEADING CAUSES OF YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75, MISSISSIPPI RESIDENTS, 2013-2022

Year	Accidents	Heart Diseases	Malignant Neoplasms	Homicide	Sars-Cov-2 (COVID-19)
2013	42,642	52,513	58,142	11,292	0
2014	45,405	52,533	56,828	13,370	0
2015	47,445	52,780	53,031	11,840	0
2016	45,842	52,057	54,582	14,302	0
2017	42,572	51,992	51,711	13,974	0
2018	41,503	50,529	51,301	15,279	0
2019	46,214	53,656	50,675	17,745	0
2020	58,985	60,508	50,682	23,330	28,808
2021	65,523	62,594	51,128	27,033	51,410
2022	61,008	60,297	50,116	23,779	15,072

*NOTE: Causes of death include the following ICD-10 underlying cause of death codes: I00-I09, I11, I13, I20-I51 (Heart diseases); C00-C97 (malignant neoplasms); U071 (SARS-COV-2, COVID-19); V01-X59, Y85, Y86 (accidents); X85-Y09, Y87.1 (homicide)
Source: Mississippi State Department of Health, Office of Vital Records and Public Health Statistics.*

LEADING CAUSES OF YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75, MISSISSIPPI RESIDENTS, 2022



*NOTE: Causes of death include the following ICD-10 underlying cause of death codes: I00-I09, I11, I13, I20-I51 (Heart diseases); C00-C97 (malignant neoplasms); U071 (SARS-COV-2, COVID-19); V01-X59, Y85, Y86 (accidents); X85-Y09, Y87.1 (homicide)
Source: Mississippi State Department of Health, Office of Vital Records and Public Health Statistics.*

STATUS OF SELECTED HEALTH INDICATORS FOR MISSISSIPPI, 2011-2021

Year	Infant Mortality Rate ¹	Heart Disease Mortality Rate ²	Teen (15-19) Birth Rate ³
2011	9.4	245.9	50.2
2012	8.9	242.8	46.0
2013	9.7	258.1	42.6
2014	8.2	251.8	37.9
2015	9.2	266.2	34.8
2016	8.6	263.5	32.6
2017	8.7	265.9	31.0
2018	8.4	259.6	27.8
2019	8.8	268.6	29.1
2020	8.3	297.0	27.9
2021	9.3	299.7	25.6
U.S. Rate (year)	5.4 (2020)	211.5 (2020)	15.4 (2020)
MS Rank ⁴	50	49	50

¹ Infant deaths per 1,000 live births

² Deaths per 100,000 population

³ Births among 15-19 year olds per 1,000 females 15-19

⁴ Rank: 1=best/50=worst

Source: Mississippi State Department of Health, Vital Records and Public Health Statistics.

STATUS OF SELECTED PREVALENCE INDICATORS FOR MISSISSIPPI, 2011-2021

Year	Obesity Prevalence Rate ¹	Diabetes Prevalence Rate ¹	Self-Reported Fair or Poor Health Status Prevalence Rate ¹
2011	34.9	12.4	24.0
2012	34.6	12.5	23.4
2013	35.2	12.9	24.4
2014	35.5	13.0	22.1
2015	35.6	14.8	23.6
2016	37.4	13.7	23.2
2017	37.5	14.4	25.3
2018	39.5	14.3	23.3
2019	40.8	14.8	23.6
2020	39.7	14.6	19.9
2021	39.1	15.2	22.5
U.S. Rate ³ (year)	33.9 (2021)	10.9 (2021)	14.8 (2021)
MS Rank ²	45	48	47

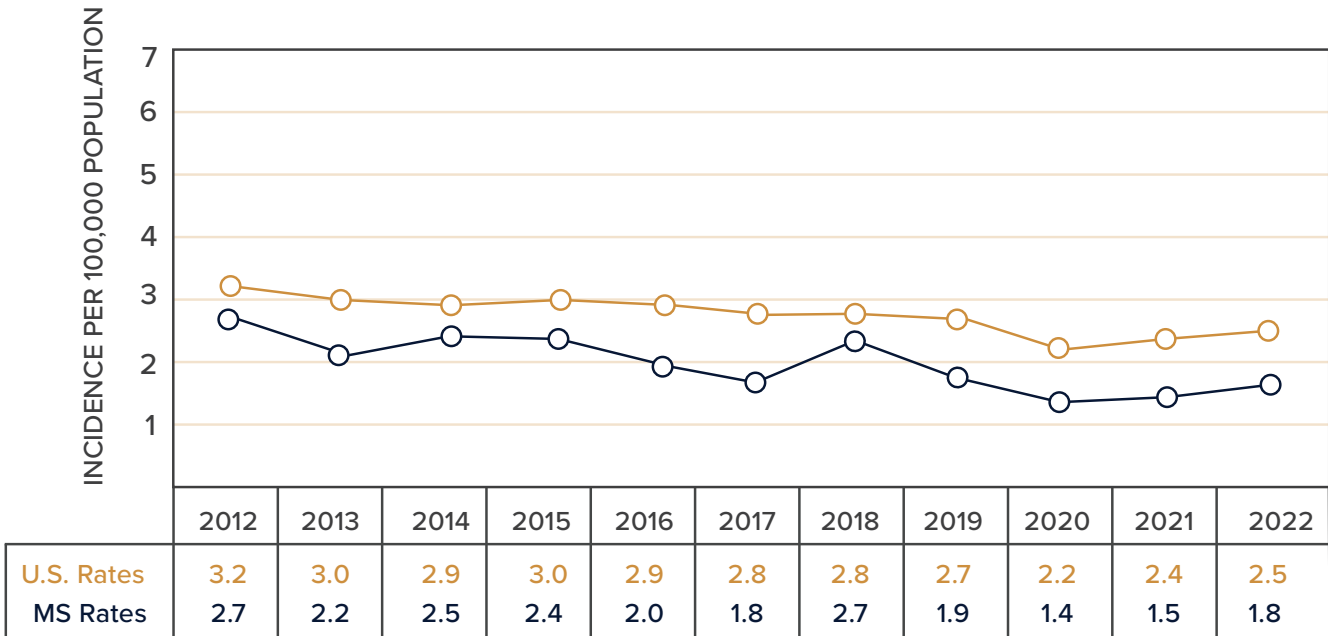
¹ Percent

² Rank: 1=best/49=worst

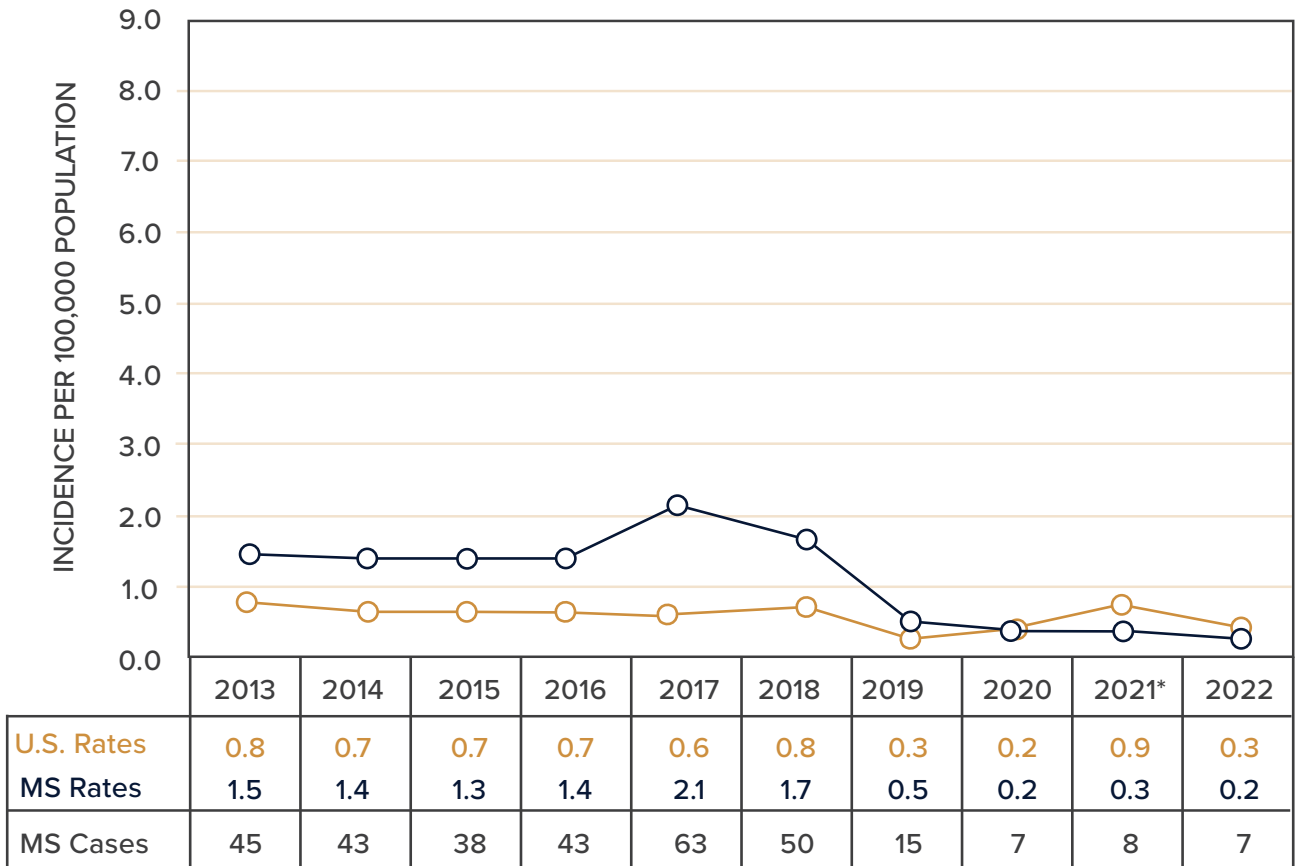
³ Median, excluding Florida (data unavailable)

Source: Mississippi State Department of Health, Office of Health Data and Research, Behavioral Risk Factor Surveillance System (BRFSS).

**TUBERCULOSIS RATES BY YEAR,
UNITED STATES AND MISSISSIPPI, 2012-2022**

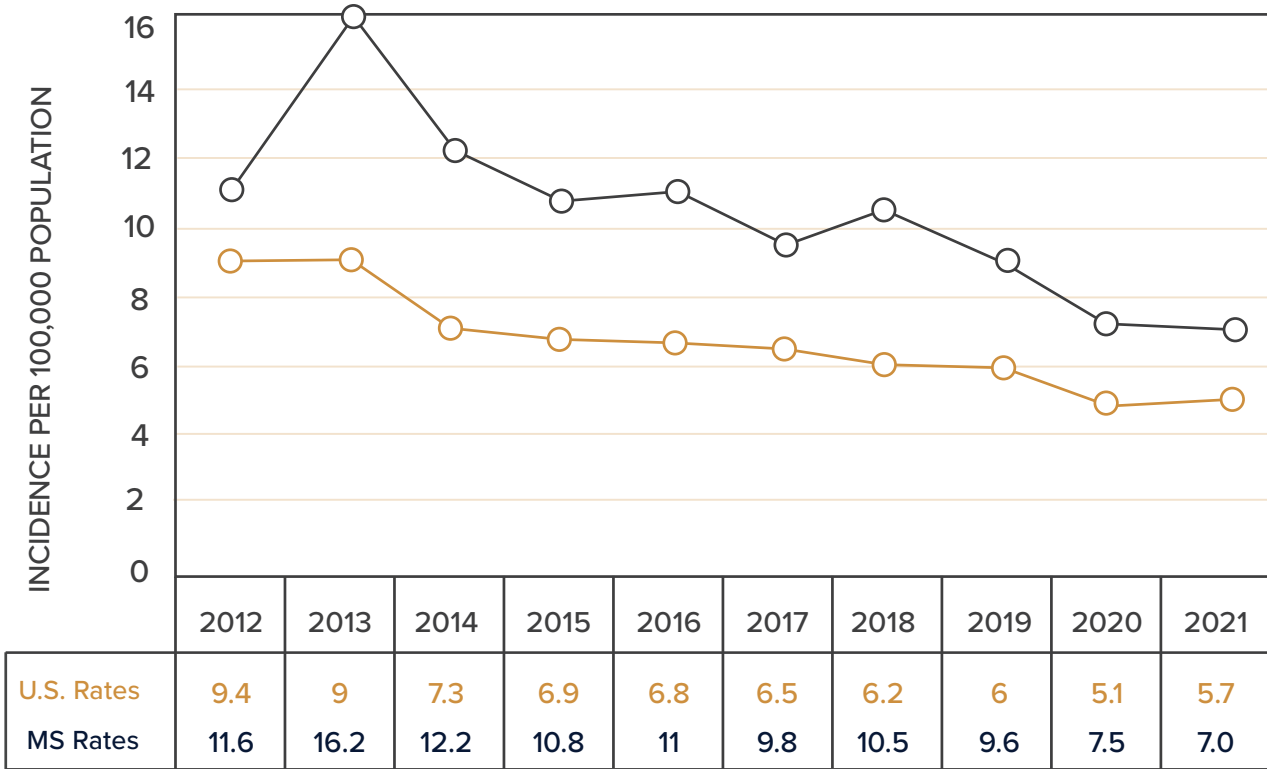


**WEST NILE VIRUS RATES BY YEAR,
UNITED STATES AND MISSISSIPPI, 2013-2022**

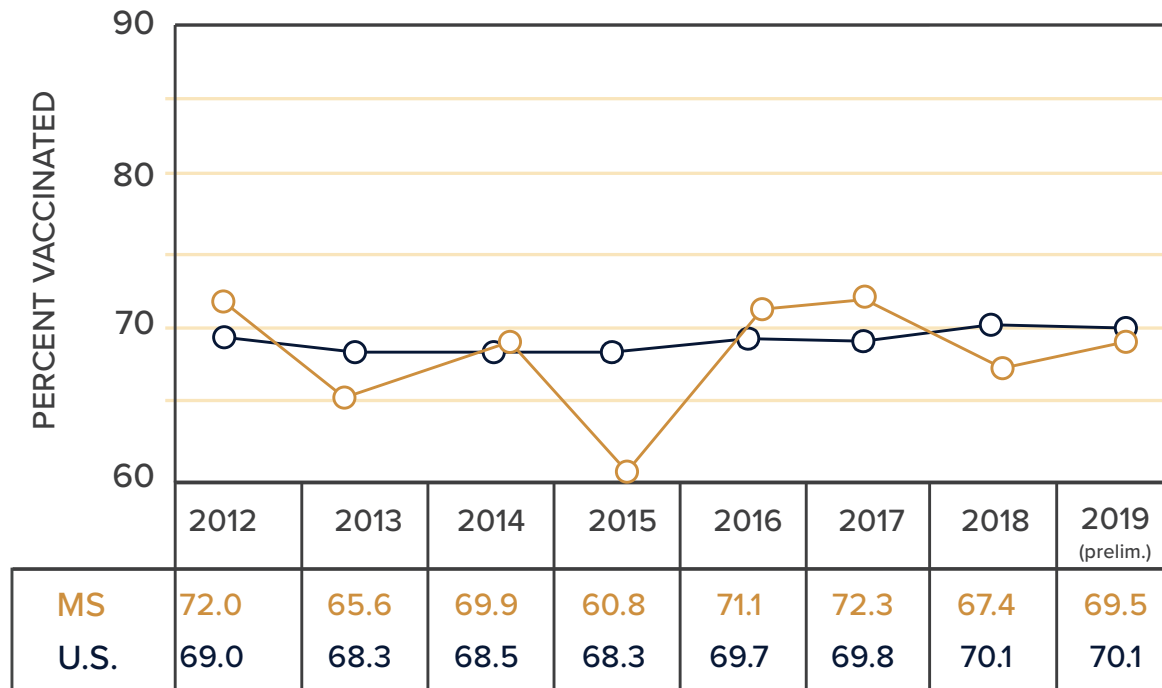


*2021 data is provisional.

AIDS RATES BY YEAR, UNITED STATES AND MISSISSIPPI, 2012–2021



VACCINATION COVERAGE RATE BY AGE 24 MONTHS*, BY BIRTH YEAR, MISSISSIPPI AND UNITED STATES, 2012-2019



CDC National Immunization Survey. CDC has transitioned to reporting NIS-Child data by birth year rather than survey year. This survey data is for children born 2012-2019 (2019 preliminary) were surveyed between 2013-2021.

*4+ DTaP, 3+ polio, 1+ MMR, 3 or 4 doses Hib, depending on vaccine type, 3+ HepB, 1+ varicella, and 4+ PCV.

*NIS-Child MMWR data has not been released or published at this time.



PHARMACY



PHARMACY PROGRAM DESCRIPTIONS AND OVERVIEW

NALOXONE DISTRIBUTION

The MSDH Pharmacy has implemented an innovative approach to provide individuals with naloxone to increase accessibility and availability of this life-saving drug throughout Mississippi. Utilizing a Redcap survey on the ODFree.org website, individuals can request naloxone from the MSDH Pharmacy to be shipped directly to their home. These requests are processed using the naloxone statewide standing order. Each naloxone kit contains two doses of naloxone nasal spray and educational materials that provide information on opioid overdose recognition, opioid overdose emergency management, and naloxone nasal spray administration. By offering these naloxone kits at no cost to Mississippians by mail, we have helped mitigate barriers to access and play an important role in decreasing fatal opioid overdoses. Through social media campaigns, news articles, and word-of-mouth, the number of naloxone kits distributed continues to increase.

WORKFLOW AND OPERATIONS

The MSDH Pharmacy is permitted through the Mississippi Board of Pharmacy as a limited closed-door pharmacy. Medications supplied from the MSDH Pharmacy meet the needs of clients enrolled in specific programs offered through public health including the AIDS Drug Assistance Program (ADAP), family planning, tuberculosis, disease outbreak, and breast cancer. The MSDH Pharmacy is also a fully operational warehouse. Supply orders are received daily from county health departments to service several programs including child health, emergency kits, HIV prevention, family planning, immunizations, sexually transmitted diseases (STD), and tuberculosis. Currently, the MSDH pharmacy processes approximately 10,000 prescriptions and supply orders monthly. The pharmacy staff is also responsible for formulary management, procurement, third party reimbursement, and inventory control for medications and supplies.

The MSDH Pharmacy holds the responsibility of coordinating and distributing all COVID-19 medications that fall under the Department of Health and Human Services (HHS) until the end of 2023. This work involves regular communication with federal partners and coordination with public and private sector entities within the state such as hospitals, Federally Qualified Health Centers, clinics, and pharmacies. Except for chain retail pharmacies, MSDH Pharmacy onboards and activates pharmacies in the state who wish to dispense oral antivirals for COVID-19 and approves and processes all orders for Paxlovid and Lagevrio for these pharmacies.

REGIONAL CONSULTANT PHARMACISTS

The MSDH Pharmacy employs one pharmacist for each Public Health Region. The regional pharmacists are tasked with the following job duties:

- Complete inventory control process within each assigned county health department (CHD) two times monthly.
- Complete self-audits for each CHD and the MSDH Pharmacy for 340B compliance within each of the MSDH 340B programs.
- Complete self-audits for CHD and the MSDH Pharmacy for Title X compliance.
- As applicable, conduct ad hoc training to CHD staff on data entry into EPIC.

Additional duties embarked upon by the three Regional Consultant Pharmacists for fiscal year 2023:

- Assisting in CHD transition of the Title X program to a combined sexually transmitted diseases-contraceptive (STD-C) program reflecting provision of comprehensive reproductive health.
- Educating and promoting “Going Gold”, an agency-wide effort at increasing the number of eligible clients enrolled in the Family Planning Waiver program.

- Training CHD staff on screening clientele for health risk behavior associated with alcohol or substance use (Screening, Brief Intervention, and Referral for Treatment / SBIRT) and treatment of opioid use disorder (Medications for Substance Use Disorder / MSUD).

ADAP

The AIDS Drug Assistance Program (ADAP) operates under the Ryan White HIV/AIDS Program (RWHAP) Part B. It provides FDA-approved medications to low-income clients with HIV. These clients have limited or no health insurance. The program can also use funds to: (1) buy health insurance for eligible clients, and (2) provide services that improve access to, adherence to, and monitoring of drug treatments. ADAP assisted over 3000 clients with medication and provided insurance to over 800 clients during the last fiscal year.

RESIDENCY PROGRAM AND STUDENT EXPERIENTIAL EDUCATION

The MSDH Public Health Pharmacy offers a twelve-month Postgraduate Year One (PGY1) Community-Based Pharmacy Residency Program, accredited by the American Society of Health- System Pharmacists (ASHP) in partnership with the American Pharmacists Association (APhA). The resident is a full-time professional staff member working within an academic curriculum program through the Public Health Pharmacy and various other MSDH programs such as Health Services, Opioid, Communicable Disease, Preventive Health, and Health Protection. Graduates of this program will have the clinical competence and skills necessary to manage a community and/or public health practice; counsel, educate, and evaluate patients; manage multiple disease states such as HIV, Tuberculosis, Diabetes, Hypertension, Dyslipidemia, etc.; educate pharmacy students; and provide pharmaceutical care services to various multidisciplinary teams, and programs. In addition, graduates will be skilled in applying for, leading, managing, and providing deliverables for grants/public health initiatives and be well versed in advocacy and public health policy.

OPIOID AND SUBSTANCE USE PROGRAM

The MSDH Opioid and Substance Use Program has taken multiple steps to address the epidemic of drug use, such as establishing a comprehensive drug abuse surveillance system, expanding access to naloxone, providing a variety of trainings for healthcare professionals, developing a novel approach to expand access to outpatient opioid use disorder treatment, and improving public awareness and education on the scope of the drug epidemic. Public health efforts also have led to a significant improvement in drug categorization and accurate reporting on drug categories.

340B

The 340B Drug Pricing Program was created in 1992 under Section 340B of the Public Health Service Act and was designed to help certain safety net providers stretch scarce federal resources as far as possible, reaching more eligible patients and providing more comprehensive services. Although MSDH transitioned the Title X Family Planning 340 Program into a comprehensive STDC program through most of fiscal year 2023, MSDH maintained four 340B Programs: Title X Family Planning, Tuberculosis, Sexually Transmitted Disease, and Ryan White/AIDS Drug Assistance Program. Participation in the 340B Program gives these programs access to purchasing drugs at significantly discounted prices from the average wholesale price (AWP). All 340 B savings and revenue are then reinvested back into the program from which they were generated to help sustain and expand the program.

SPECIALTY PHARMACY

The MSDH Pharmacy achieved Utilization Review Accreditation Commission (URAC) Specialty Pharmacy accreditation on June 1, 2022. MSDH Pharmacy offers specialty pharmacy services with a goal to provide exceptional personalized care and increased access to generate healthier outcomes for Mississippians. One of the three major focus areas of accreditation is Medication Therapy Management (MTM) services provided by pharmacists that include patient counseling for medications and disease state education, drug utilization review, and medication adherence counseling and monitoring. The second focus area includes continuous quality improvement and quality assurance. The third area of focus is overall pharmacy performance and is measured by metrics including consumer satisfaction, medication errors, telephone answer rates and speeds, patient adherence measures, and others.

PHARMACY PROGRAM STATISTICS FOR FY 2023

WORKFLOW AND OPERATIONS

Items on MSDH Pharmacy formulary	512
Prescriptions and supply orders processed monthly	~10,000
Prescriptions broken down by program from Fiscal Year 2023	
Total	107,271
Tuberculosis	5,019
Family Planning	25,137
Disease Outbreak	463
Breast Cancer	7
AIDS Drug Assistance Program (ADAP)	71,837
Naloxone	5,067
Medications for Substance Use Disorder (MSUD)	41
Supply orders broken down by program from Fiscal Year 2023	
Total	10,122
Child health	130
Tuberculosis	923
Sexually Transmitted Diseases (STD)	3,706
Immunizations	572
Family Planning	2,994
Emergency kits	1,092
COVID-19 Response	
Paxlovid	16,415
Lagerio	1,525

REGIONAL CONSULTANT PHARMACISTS

County health department site visits conducted by regional pharmacists in Fiscal Year 2023	
Total	887
Northern	379
Central	228
Southern	280

AIDS DRUG ASSISTANCE PROGRAM (ADAP)/ MISSISSIPPI MEDICATION ASSISTANCE PROGRAM (MMAP)

Drugs added to ADAP formulary in Fiscal Year 2023	1
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RESIDENCY PROGRAM AND STUDENT EXPERIENTIAL EDUCATION

Postgraduate Year One (PGY1) Residents hosted since resident program inception

- PGY1 Residents hosted in fiscal year 2023. 4
 - 4 business plans created (1 by each resident).
 - 4 quality improvement projects completed (1 by each resident).
 - 4 IRB approved research projects conducted (1 by each resident).
- Pharmacy professional conferences attended by residents and residency program coordinators 5
- Publications of pharmacy continuing education and training resources. 5
- Pharmacy students hosted for experiential education rotations in Fiscal Year 2023
- Total 36
- Public Health Elective Advanced Pharmacy Practice Experience (APPE) 24
- Public Health Elective Introductory Pharmacy Practice Experience (IPPE) 12
- Pharmacy student projects completed 24
- Presentations to Pharmacy Staff/MSDH Program Staff 8
- Clinical Questions. 4
- MSDH website, forms, and information updates. 4
- Clinical Pharmaceutical Knowledge Handouts created 8

OPIOID AND SUBSTANCE USE PROGRAM

- Federal grants secured and ongoing in Fiscal Year 2023 5
- Trainings provided to healthcare professionals related to substance use disorders.
- Total training sessions provided. 5
- Healthcare professionals trained. 445

340B

- MSDH Programs that are 340B eligible 4

SPECIALTY PHARMACY

- Patients served by MSDH Pharmacy who have qualified for Patient Management Program (PMP) services. 2,023
- Quality Improvement Projects initiated and/or completed in Fiscal Year 2022 4



PUBLIC HEALTH LABORATORY



PUBLIC HEALTH LABORATORY

The Mississippi Public Health Laboratory (MPHL) is the state’s only public health laboratory. The mission of the MPHL is to provide quality and innovative laboratory testing services for the diagnosis, prevention and surveillance of infectious and chronic diseases and environmental contaminants to reduce the incidence of illness and death and to improve the quality of life among Mississippians. The MPHL currently has a 60-member staff that performs approximately 125 different tests on a variety of sample types, from blood and body fluids collected from patients, to drinking water and food. The lab is staffed by highly trained scientists and equipped with state-of-the-art instrumentation that would be unavailable or cost-prohibitive elsewhere. The MPHL is always ready and available to locally respond to novel strains of disease, natural disasters, chemical spills, foodborne outbreaks, and other health emergencies as needed. The lab provides results that monitor and detect health threats ranging from rabies and foodborne-illness to antibiotic resistance bacteria, cases and outbreaks of sexually transmitted infections, influenza, tuberculosis, and arboviruses in humans and mosquitoes. The facility is a first responder for terrorism events by being a Level 2 chemical terrorist response laboratory and a Laboratory Response Network (LRN) reference laboratory for biological threats. The lab also tests all of the state’s drinking water, bottled water, raw milk, and dairy products for bacteriological and chemical agents. MPHL testing and support functions are arranged into the below service areas and associated sections:

Administration Services	Clinical Services	Environmental Services	Outreach Services	Informatics Services
<ul style="list-style-type: none"> • Logistics • Records and Data Entry • Procurement 	<ul style="list-style-type: none"> • Quality Assurance • Mycobacteriology • STI/Immunology • Special Microbiology • Chemistry/Hematology • Molecular Diagnostics <ul style="list-style-type: none"> • Biochemistry • Core Sequencing • Clinical Chemistry 	<ul style="list-style-type: none"> • Quality Assurance • Chemistry Organic • Chemistry Inorganic <ul style="list-style-type: none"> • Environmental Microbiology 	<ul style="list-style-type: none"> • Lab Training • Terrorism Response Coordination • Lab Safety • Biosafety Outreach 	<ul style="list-style-type: none"> • Laboratory Information Systems • Data Management and analytics

Laboratory Quality

Laboratorians work diligently and are committed to ensure testing that supports public health. The MPHL is accredited by the Center for Disease Control and Prevention, the Center for Medicare and Medicaid Service, the U.S. Environmental Protection Agency (EPA), and the U.S Food and Drug Administration (FDA) for all testing performed. To maintain accreditation, the MPHL is inspected by the above federal agencies every two or three years.

DISTRIBUTION OF SPECIMENS RECEIVED AND TEST PERFORMED AT MPHIL

	Environmental	Clinical	Lab Total
Total Samples	62,112	140,893	203,005
Total Tests	223,435	152,851	376,286

MPHL Section	Total Test Count by Section
Biochemistry	385
Clinical Chemistry	8,354
Immunology	31,527
Molecular Diagnostics	2,222
Special Microbiology	4,499
Sexually Transmitted Infections	90,760
Mycobacteriology	11,655
Core Sequencing	3,449
Organic Chemistry	54,016
Inorganic Chemistry	38,626
Environmental Microbiology	130,793

Infectious Disease Surveillance

The MPHIL serves as the state's representative in the following national laboratory surveillance networks:

- Pulse Net- a national laboratory foodborne illness surveillance network
- AR Lab Network- a national laboratory network to rapidly detect antimicrobial resistance and inform local responses to prevent spread and protect people.

The MPHIL received 961 total specimens for the AR Lab Network and 1050 total specimens for Pulse Net. All specimens were tested using general microbiological and molecular methods. The MPHIL further characterized the below specimens using whole genomic sequencing to identify outbreak clusters and new resistance mechanisms.

Organism	Total Number Sequenced
Salmonella	807
Ecoli 0157	14
E.coli non-0157	23
Shigella	16
Liseria	5
AR Bacteria	261

Preparedness

The MPHL serves as the state’s laboratory response network reference laboratory for biological and chemical threats. The MPHL tested 12 samples for biological threat determination, including samples submitted for Bacillus anthrax, smallpox and Ricin toxin rule-out testing. The MPHL also tested 190 lesion specimens to assist with the state’s response to Monkeypox.

Respiratory Virus Surveillance

The MPHL tests specimens using molecular methods that are submitted from Emergency Rooms, pediatric clinics and family practice clinics throughout the state for influenza and COVID-19 virological surveillance. This testing identifies what types of viruses are circulating in our state and assists with influenza vaccine production. The MPHL performed the below tests for respiratory virus surveillance

Virus	Total Tests Performed
SARS-CoV-2 only	7,597
Influenza A and B only	53
Influenza and SARS-CoV-2	151

The MPHL further characterized 2,323 SARS-COV-2 specimen using next-generation sequencing to identify the specific variants affecting MS citizens as well as which variants were more associated with hospitalization.

Sexually Transmitted Infection (STI) Testing

The MPHL also supported STI surveillance and outbreak response by performing testing on specimens submitted from MSDH clinics, MS jails and detection centers and community health clinics. The MPHL performed the below number of STI tests using serology and molecular methods and obtained the following positivity rate

STI Type	Total Tests Performed	Positivity Rate
HIV Testing Summary	31,069	0.84%
Chlamydia	43,510	11.4%
Gonorrhea	43,510	5.64%
Trichomonas Vaginalis	11,090	20.23%
Syphilis	39,338	9%

Drinking Water Response

The MPHL tests drinking water samples for compliance with EPA safety standards. Additionally, the MPHL tests drinking water samples in response to water system issues, including pressure issues or system leaks. To assist MS water systems, the MPHL tested 4008 boil water samples.



COMMUNICATIONS



COMMUNICATIONS ACTIVITIES

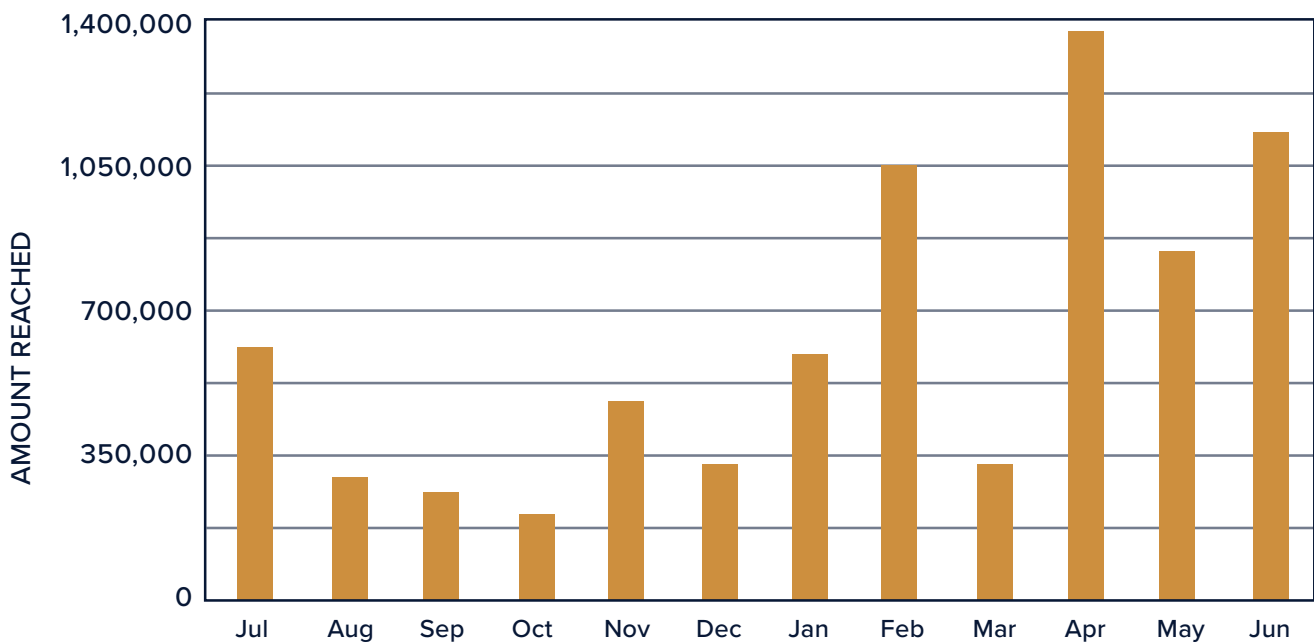
Website users	1,684,516
Website pages viewed	6,176,706
Social media followers	205,173
Social media average monthly audience reached	612,758
News releases produced	65
Total number media inquiries	598
News coverage total (media mentions)	18,100
TV	1,240
Social media	9,970
Online news	6,700
Top news articles by reach	
MSN.com: What is congenital syphilis? Mississippi sees 900 percent increase of newborns treated for the condition – by Amber Raiken	
MSN.com: \$600M designated for struggling water system in Mississippi – by Emily Wagster Pettus	
The Mississippi Free Press: Do not drink the water: Jackson water system failing for 180,000 people – by Nick Judin	
MS Ready smartphone app alerts and notifications created	22
Approximate number of users	20,000+
Total notifications distributed	440,000

SOCIAL MEDIA REACH BY MONTH

Month	FB	IG	TW (now X)	Total reach by month
Jul-22	564,342	9,901	1,002	575,245
Aug-22	282,585	4,626	609	287,820
Sep-22	246,309	5,256	1,886	253,451
Oct-22	200,095	4,340	6,843	211,278
Nov-22	380,247	5,564	63,900	449,711
Dec-22	187,032	7,863	117,000	311,895
Jan-22	401,355	65,685	64,500	531,540
Feb-22	779,233	204,478	73,000	1,056,711
Mar-22	228,789	32,349	57,400	318,538
Apr-22	375,033	294,951	689,200	1,359,184
May-22	545,627	243,620	49,500	838,747
Jun-22	784,510	299,861	74,600	1,158,971

Amount of followers:	FB 163,959	IG 10,701	TW (now X) 30,513	Total 205,173
Website use:	Users 30,513	Viewers 30,513	Files 30,513	

TOTAL SOCIAL MEDIA REACH BY MONTH





**PUBLIC
HEALTH
ACTIVITES
& STATISTICS**

MSDH PROGRAM ACTIVITIES & STATISTICS

CLIENTS, FACILITIES, CERTIFICATES & INSPECTIONS

Fiscal Year 2023 Report of Activities by Program

HEALTH SERVICES

Child Health

Newborns screened for phenylketonuria, hypothyroidism, galactosemia, hemoglobinopathies, congenital adrenal hyperplasia, and other genetic disorders 33,897

Children & Youth with Special Healthcare Needs (CYSHCN)

Total CYSHCN Served 23,280

By Race

African American or Black 16,709
 American Indian or Alaska Native 173
 Asian 205
 White 3,779
 Native Hawaiian or Pacific Islander 159
 Other race or multiple races 1,038

By Gender

Female 13,177
 Male 7,471

By Insurance

Total with Insurance 23,090
 Medicaid 13,171
 CHIP 2,016
 Medicare 0
 Private Insurance 4,199
 Uninsured 205
 Other 444

WIC – Special Supplemental Nutrition Program for Women, Infants, and Children (Average monthly participation)

Women 13,742
 Infants 17,578
 Children 33,512
 Total 64,832

Women’s Health

Healthy Moms/Healthy Babies (HM/HB) Maternity Patients

Number of HM/HB participants 912
 Number of professional visits 5,065

Healthy Moms/Healthy Babies (HM/HB) Infant Patients

Number of HM/HB participants 495
 Number of professional visits 3,245

Note: PHRM/ISS program transitioned towards Healthy Moms/Healthy Babies (HMHB).

Women with Cervical Cancer Diagnostic/ screening service 898
 Women with Breast Cancer Diagnostic/ screening: 3,397
 Total Cancer Diagnostic/ screening services: 4,295
 Total number of women referred to Medicaid for cancer treatment: 41
 Total number of breast and cervical cancer prevention education programs conducted: 68

Reproductive Health (Family Planning)

Adult patients served	17,176
Teens	3,536
Total	20,712

Tobacco Control

Number of counties with Tobacco-Free Coalitions implementing evidence-based programs consistent with CDC best practice guidelines (funding support for 82)	78
Number of cities in Mississippi with comprehensive smoke-free air ordinances.	185
Number of unduplicated individuals who have completed the intake process for OTC-funded tobacco cessation treatment programs	4,389
Number of unduplicated individuals who have contacted OTC-funded tobacco cessation treatment programs via phone	8,992
Number of unduplicated individuals who have contacted OTC-funded tobacco cessation treatment programs via website	426
Number of unduplicated individuals who utilized the OTC-funded specialized tobacco cessation treatment program for Mississippians with behavioral health conditions	880

HEALTH PROTECTION

Environmental Health

Boilers and Pressure vessels inspected (including inspections done by insurance representatives, which are assured by MSDH)	18,965 ⁽¹⁾
Food establishments permitted	12,584
Inspections of food establishments	17,270
Wastewater complaints investigated	811 ⁽²⁾
Water system inspections	989 ⁽³⁾
Sewage disposal inspections and soil/site evaluations	11,101 ⁽⁴⁾
Dairy farm inspections	185 ⁽⁵⁾
Dairy samples collected for evaluation	1,353 ⁽⁵⁾
Jail inspections performed	101

⁽¹⁾Increased program staffing and delinquent account pursuit resulted in an increased number of pressure vessels inspected.

⁽²⁾Fewer wastewater complaints were received in SFY2023, but all received complaints were investigated.

⁽³⁾Fewer water system inspections conducted due to reduced staffing. 83% of the state's 1189 unique water systems were still inspected. Efforts are underway to return program to full staffing.

⁽⁴⁾Fewer requests for sewage disposal inspections and soil/site evaluations received in SFY2023, but all received requests were inspected/evaluated.

⁽⁵⁾Fewer dairy samples were collected and fewer dairy inspections conducted due to a reduction in total number of dairies across the state.

Radiological Health and Safety

Radioactive materials licenses inspected	80
Healing Arts X-ray tubes inspected	1,825
Mammography units inspected	127
Environmental samples collected and analyzed for radioactivity around the Grand Gulf Nuclear Station and Salmon Test	536

Emergency Medical Services/Acute Care Systems

Ambulance permits issued	732
Certifications/Recertifications Issued:	
Emergency Medical Technicians/ Paramedics	1,986
EMS Drivers	401
Emergency services licensed/relicensed	84
Designated trauma centers (includes burn centers)	88

Licensure

Abortion facilities	0
Ambulatory surgical centers (licensed/certified)	72
Community mental health Centers (certified)	4
Comprehensive outpatient rehabilitation facilities (certified)	0
End stage renal disease facilities (certified)	97
Home health agencies (licensed/certified)	45
Hospice (licensed/certified)(include branches/satellites).	129
Hospitals - accredited (licensed/certified)	68
Hospitals - non-accredited (licensed/certified)	44
Outpatient physical therapy (certified)	4
Portable x-ray (certified).	4
Post acute residential brain injury rehabilitation(licensed only)	1
Psychiatric residential treatment facilities (licensed/certified)	8
Rural emergency hospital treatment facilities (no inpatient beds).	2
Rural health clinics (certified)	208
Total health facility surveys (licensure and recertification)(7/1/22-6/30/23)	410
Total complaint/FRI surveys (7/1/22-6/20/23)	771
Licenses issued for athletic trainers, audiologists, dietitians, hearing aid specialists, occupational therapists and occupational therapy assistants, respiratory care practitioners, speech-language pathologists, and professional art therapists.	8,125
Total number of registered or certified radiation technologists, audiology aides, eye enucleators, speech language pathology aides, tattoo artists, body piercers, and hair braiders	14,323
CLIA laboratories (excluding VA labs) (certified only)	3,595
Utilization review agents	58
Intermediate care facilities for individuals with intellectual disabilities (ICF_IID) (licensed)	14
Personal care homes (licensed).	202
Prescribed pediatric extended care facilities (licensed)	18
Number of inspections of youth camps	73
Child residential care homes monitored per notification Act X	27
Number of general/renewal inspections of daycare facilities.	4,133
Daycare complaints investigated	848
Total number of CHRCs processed for healthcare facilities	72,758
Total number of CHRCs processed for child care facilities	14,422
Total number of CHRCs processed for medical cannabis facilities	2,831

OFFICE OF HEALTH PLANNING AND RESOURCE DEVELOPMENT

Certificate of Need (CON) applications reviewed	13
Capital Expenditures Authorized through Issued CONs	\$35,111,002
Declaratory Rulings (DR) issued.	33
Capital Expenditures Authorized through Issued DRs	\$246,503,485.51
Total Capital Expenditures Authorized through Issued CONs and DRs	\$281,614,487.51

RURAL HEALTH AND PRIMARY CARE

Number of Health Professional Shortage Area (HPSA) designation reviews conducted

Primary Care.	107
Dental	103
Mental Health (by Catchment Area)	16
Mental Health (by Two Single Counties)	79
Number of National Health Service Corps site applications processed.	61
Number of J-1 Visa Waiver applications reviewed.	8
Number of National Interest Waiver applications processed	2

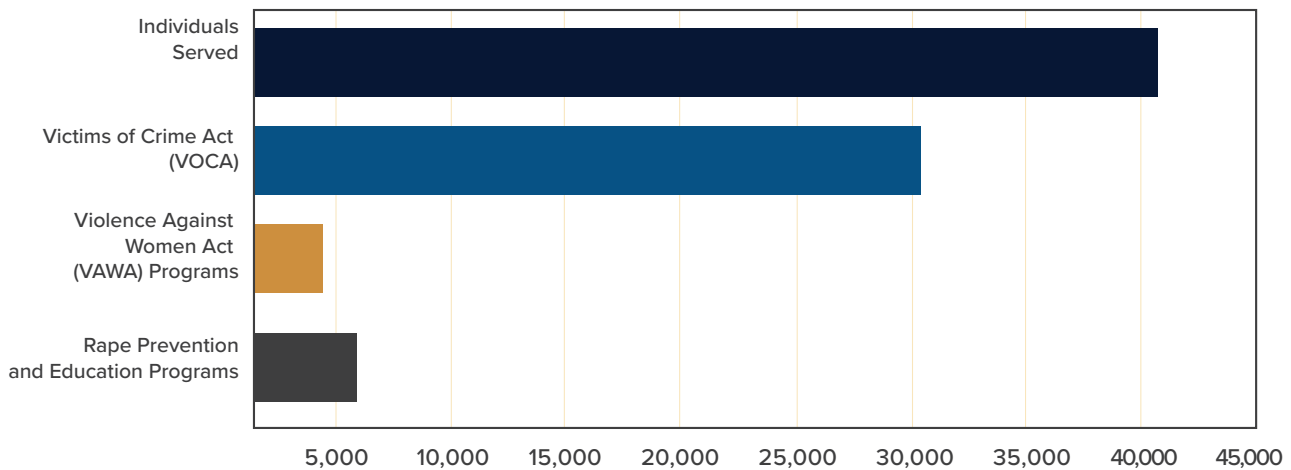
Number of health care professionals placed in areas of need

Primary Care Practitioners	69
Specialists.	8
Dentists	6
Core Mental Health Professionals.	47

SOURCE: Bureau of Health Workforce (BHW)/Shortage Designation Management System (SDMS), Bureau of Health Workforce Field Strength Dashboards (hrsa.gov), Mississippi Office of Rural Health and Primary Care-J-1 Waiver Database.

OFFICE AGAINST INTERPERSONAL VIOLENCE

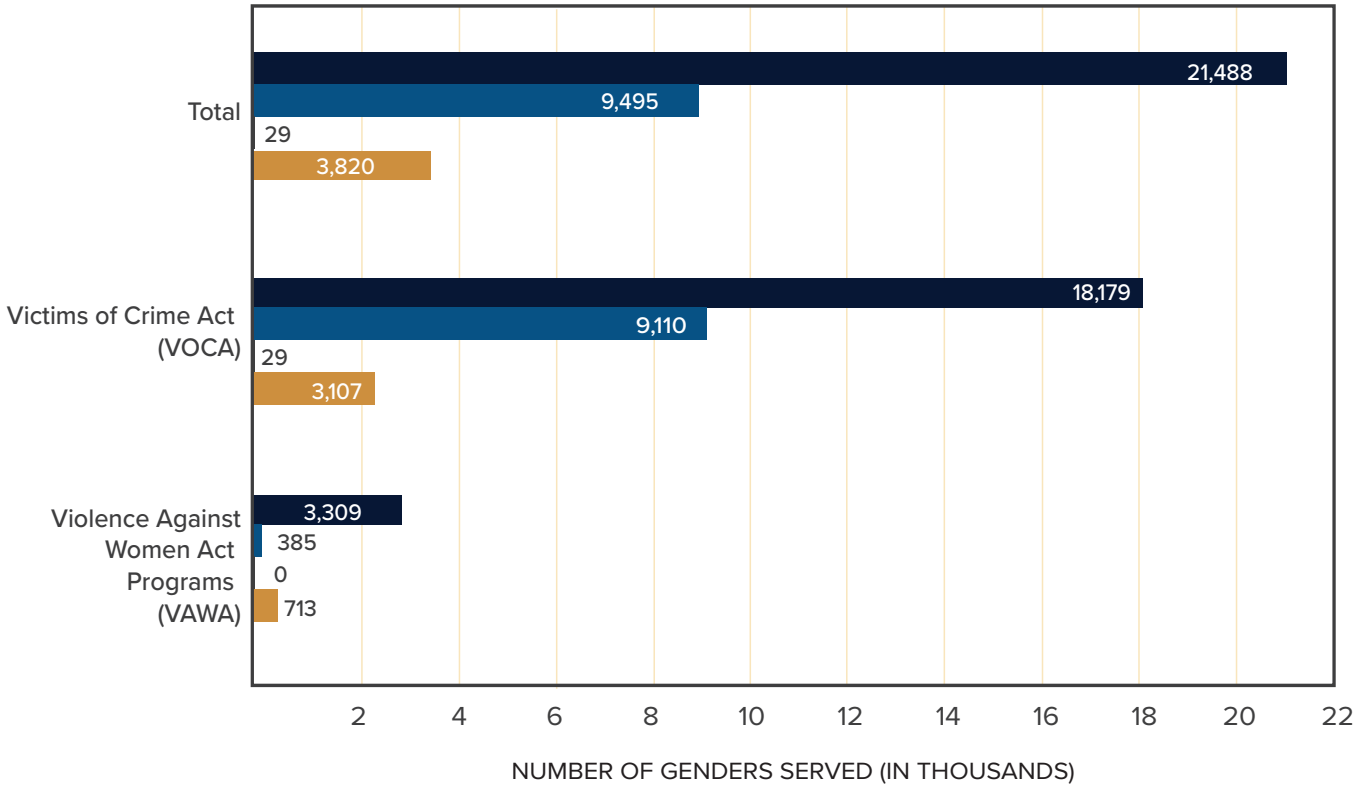
TOTAL NUMBER OF INDIVIDUALS SERVED IN 2023



Total Numbers Served, 2023:	Individuals Served	Victims of Crime Act (VOCA)	Violence Against Women Act (VAWA) Programs	Rape Prevention and Education Programs
	41,680	30,425	4,407	6,848

GENDERS SERVED IN 2023

■ Female
 ■ Male
 ■ Other
 ■ Not Reported/Tracked



INDIVIDUALS SERVED BY AGE RANGE IN 2023

Ages of Individuals Served	Victims of Crime Act (VOCA)	Violence Against Women Act Programs (VAWA)	Total
0-12	8,898	248	9,146
13-17	4,662	239	4,901
18-24	2,176	796	2,972
25-59	8,669	2,364	11,033
60+	1,237	177	1,414
Not Reported/Tracked	4,783	583	5,366

INDIVIDUALS SERVED BY RACE IN 2023

Individuals Served by Race	Victims of Crime Act (VOCA)	Violence Against Women Act Programs (VAWA)	Total
American Indian or Alaska Native	118	35	153
Asian	72	134	206
Black or African American	11,600	2,554	14,154
Hispanic or Latino	784	285	1,069
Native Hawaiian or Other Pacific Islander	9	11	20
White Non-Latino or Caucasian	13,025	2,427	15,452
Other Race	215	-	215
Multiple Races Reported	719	-	719
Not Reported/Tracked	3,883	1,952	5,835



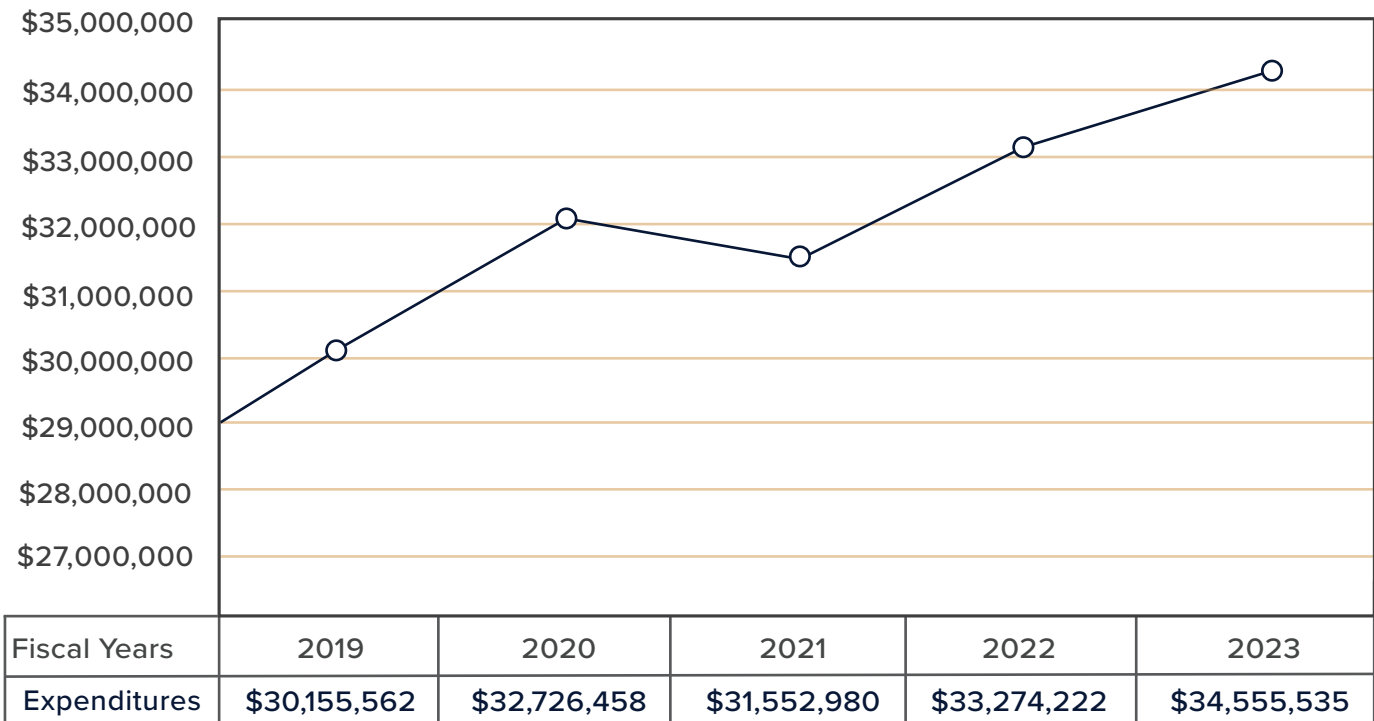
FISCAL YEAR 2023

EXPENDITURE FUNDING SOURCES FOR FISCAL YEARS 2019–2023

	2019	2020	2021	2022	2023
General Funds	\$30,155,562	\$32,726,458	\$31,552,980	\$33,274,222	\$34,555,535
Federal	165,245,220	182,006,049	218,686,629	227,797,238	180,705,763
Fees and Other	76,522,423	77,300,495	91,630,642	101,473,202	116,372,202
Health Care Expendable	8,572,933	8,176,157	5,988,103	5,655,982	11,793,667
Tobacco Control	18,173,018	18,984,810	17,556,778	17,918,040	16,023,296
Budget Contingency Fund	0	0	87,900,000	0	0
ICU Infrastructure Fund	0	0	10,000,000	0	0
COVID-19 Hospital Expanded Capacity	0	0	0	0	125,583
Local Provider Innovation Grant Pgm	0	0	0	0	954,919
MS Hospital Sustainability Grant Pgm	0	0	0	0	51,401
Burn Care Fund	500,000	500,000	1,000,000	1,000,000	999,904
Local Government & Rural Water	20,248,726	19,783,298	13,596,581	30,502,425	34,508,536
Rural Water Associations Infrastructure	0	0	0	0	451,641
Medical Cannabis	0	0	0	116,605	5,106,934
Total	\$319,417,882	\$339,477,177	\$477,911,713	\$426,737,714	\$401,649,381

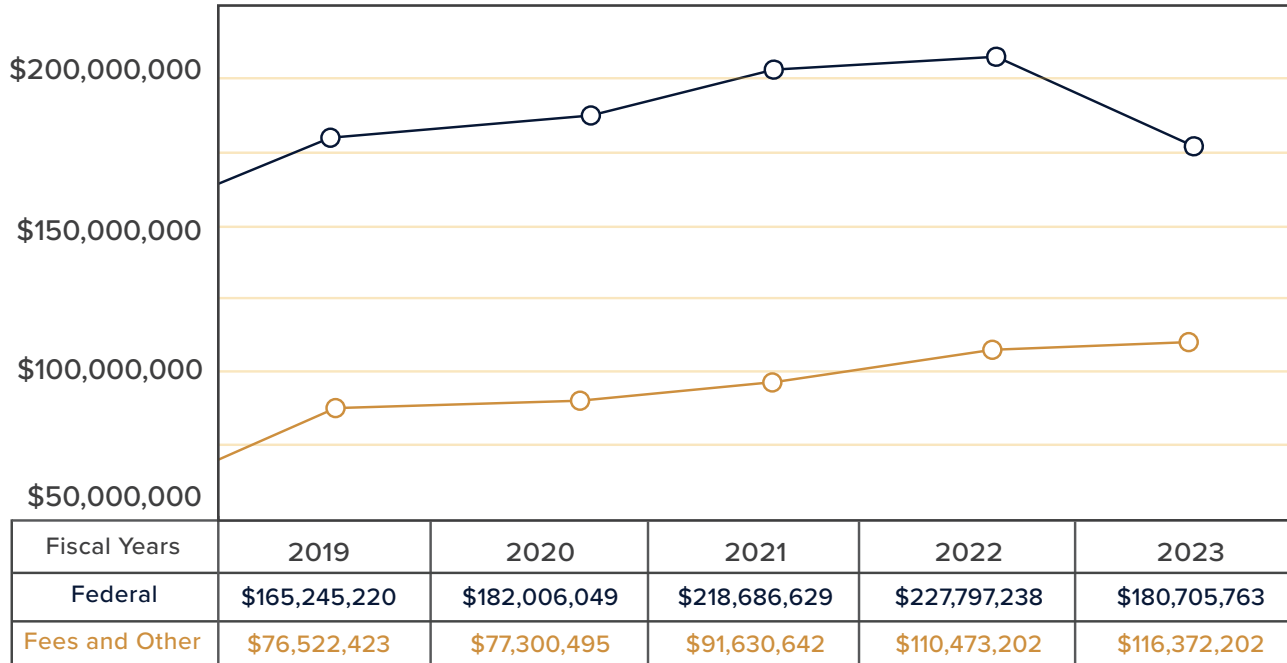
Source: FY Budget Request

GENERAL FUND EXPENDITURES



EXPENDITURE FUNDING SOURCES FOR FISCAL YEARS 2019–2023

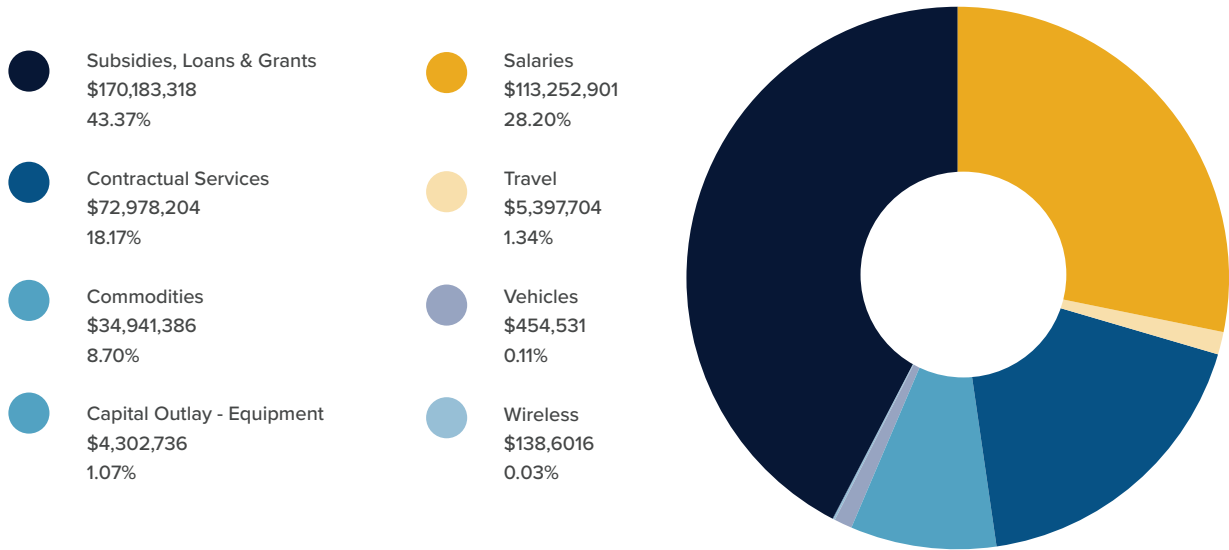
SPECIAL FUND EXPENDITURES



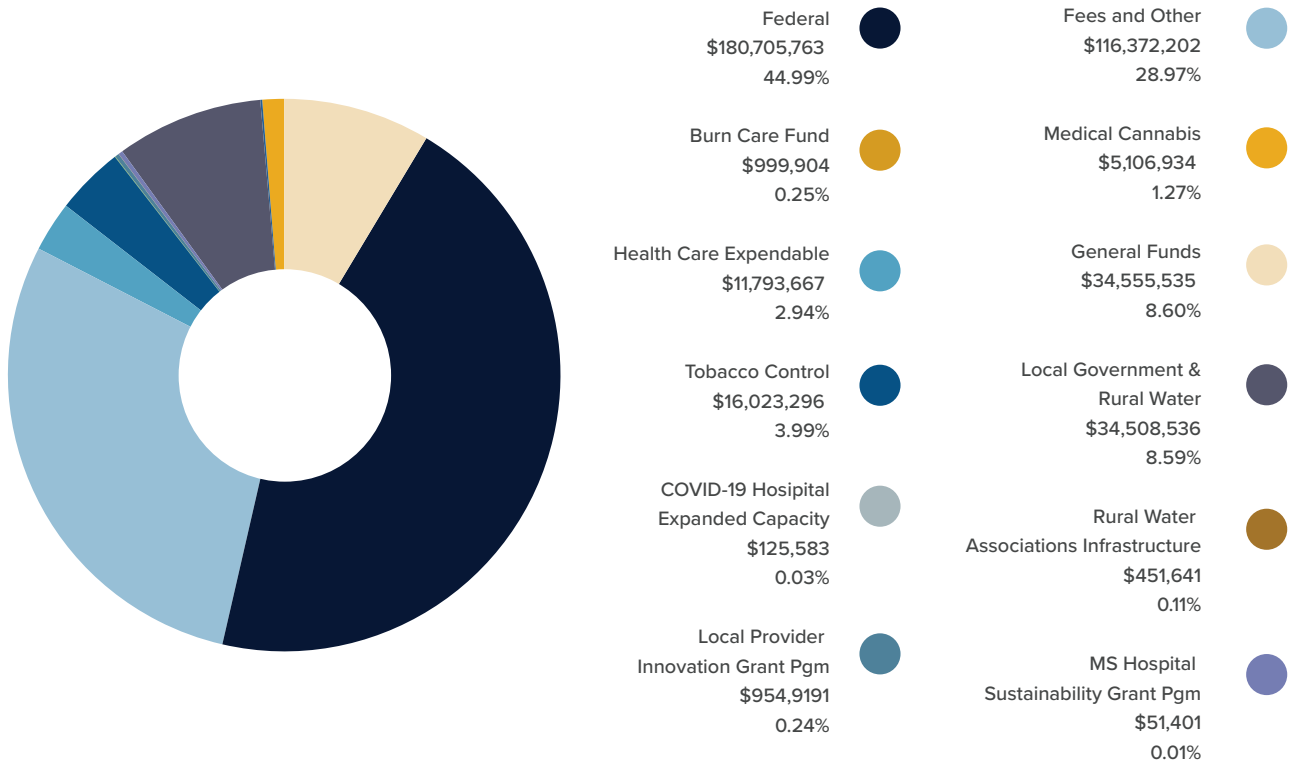
EXPENDITURES BY MAJOR CATEGORY FOR FISCAL YEARS 2019–2023

	2019	2020	2021	2022	2023
Salaries	\$93,682,978	\$103,798,547	\$115,434,916	\$107,333,053	\$113,252,901
Travel	5,286,736	5,035,655	3,631,780	3,704,651	5,397,704
Contractual Services	47,488,672	42,971,193	60,129,950	87,812,739	72,978,204
Commodities	44,055,514	40,369,399	69,965,237	59,455,053	34,941,386
Capital Outlay-Equipment	2,715,197	2,974,428	2,931,221	5,845,460	4,302,736
Vehicles	64,134	52,574		105,370	454,531
Wireless Comm. Devices	44,838	61,957	326,240	50,836	138,601
Subsidies, Loans & Grants	126,079,813	144,213,424	225,492,369	162,430,552	170,183,318
Total	\$319,417,882	\$339,477,177	\$477,911,713	\$426,737,714	\$401,649,381

FISCAL YEAR 2023 EXPENDITURES BY FUNDING CATEGORY



FISCAL YEAR 2023 EXPENDITURES BY EXPENDITURE CATEGORY





MISSISSIPPI STATE DEPARTMENT OF HEALTH

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