



MISSISSIPPI STATE DEPARTMENT OF HEALTH

TRAUMA CARE TRUST FUND DISTRIBUTION

July 1, 2023 through December 31, 2023

D I S C L A I M E R

This report is prepared for the purpose of providing the Mississippi Department of Health, Bureau of Acute Care Systems, with our calculation of allocations made in accordance with the Trauma Care Trust Fund Distribution Policy for the six-month period ended December 31, 2023. Distribution and use of this report, including the calculations presented herein, should be limited to and consistent with HORNE's contract with the Mississippi State Department of Health, Bureau of Acute Care Systems, for the contract term commencing July 1, 2024.

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October 29, 2024

Ms. Teresa Windham, MBA\HA, BSN, EMT, CHP
Mississippi State Department of Health
Bureau of Acute Care Systems
310 Airport Road South, Suite B
Pearl, Mississippi 39208

Re: Trauma Care Trust Fund Distribution

Dear Ms. Windham:

Pursuant to your request and in accordance with our contract with the Mississippi State Department of Health, Bureau of Acute Care Systems (“ACS”), for the term commencing July 1, 2024, we have performed the following services (collectively, “Fund Allocations”) in accordance with the Mississippi Trauma Care Trust Fund Distribution Policy:

- Determine allocation for each designated trauma center,
- Determine allocation for the Medicaid Emergency Ground Ambulance Reimbursement Program;¹ and
- Submit complete information to ACS to allow ACS to make proper disbursements.

The accompanying report is prepared for the purpose of providing the Mississippi Department of Health, Bureau of Acute Care Systems, with our calculation of the Fund Allocations for the six-month period ended December 31, 2023, for purposes of documentation of compliance with the Mississippi Trauma Care Trust Fund Distribution Policy.

¹ As of December 19, 2020, the Trauma Rules and Regulations were revised to allocate a portion of the EMS component of this present distribution to be paid to the Division of Medicaid to support the Emergency Ground Ambulance Reimbursement Program. Funds remaining from said EMS portion after making the state match payment to Medicaid will be distributed directly to EMS providers.

Ms. Teresa Windham, MBA\HA, BSN, EMT, CHP
Mississippi State Department of Health
October 29, 2024
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We appreciate this opportunity to be of assistance to you. Should you have any questions or comments regarding the information presented below, please do not hesitate to contact us.

Sincerely,

HORNE

A handwritten signature in black ink, appearing to read "Rud Blumentritt", with a long horizontal flourish extending to the right.

Rud Blumentritt, CPA/ABV, CVA

Partner

RMB/lps

Enclosures

1299236

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DISTRIBUTION SUMMARY

The following summary represents an overview of net total funds available in the Trauma Care Trust Fund for distribution as of the date of this report. Pursuant to Mississippi Trauma Care System Rules and Regulations, Chapter 1, Subchapter 3 (“Distribution Policy”), said funds cover current fiscal year administration expenses and distribution to trauma centers and EMS for the six-month period ended December 31, 2023.

Summary of Net Total Available for Administration and Distribution

1 st Subgrant Administration & Education Payment Fiscal Year 2024 ²	\$ 556,500
Level I – Level III Fixed Distribution Total	4,308,000
Level I – Level III Variable Distribution Total	7,180,000
Level IV Administration Support ³	640,000
Burn Fund	718,000
EMS Component Distribution Total	<u>2,154,000</u>
Net Total Available for Administration and Distribution	<u><u>\$ 15,556,500</u></u>

Based on the Total Funds Available for Distribution, we have performed the following services (collectively, “Fund Allocations”) in accordance with the Distribution Policy:

- Determine allocation for each designated trauma center;
- Determine allocation for the EMS Component Distribution, including the Medicaid Emergency Ground Ambulance Reimbursement Program; and
- Submit complete information to ACS to allow ACS to make proper disbursements.

For a summary of the Allocations made in accordance with the Distribution Policy, please refer to Schedule 1 in Appendix C.

² The Mississippi Trauma Care System Foundation (“Foundation”) was created under the Mississippi Hospital Association in 2020 to take the place of the Regional model in order to create a more centralized model to provide administration services and act as the educational vendor for the trauma facilities, as represented by ACS.

³ Each of the 64 Level IV Trauma Centers receive an annual \$10,000 stipend per fiscal year, as provided in Rule 1.3.4, Miss. Code Ann. §41-59-5.

HISTORY AND BACKGROUND

Establishment of the Trauma Care Trust Fund

In 1994, Mississippi Attorney General Mike Moore initiated a lawsuit against 13 tobacco companies, arguing that they should reimburse the state for the costs of treating smoking related illnesses. The settlement was worth \$246 billion, with Mississippi receiving \$4.1 billion.

The Mississippi legislature put those funds into a “lockbox” and planned to utilize only the interest earned on the money, leaving the corpus untouched. These designated interest funds were to be expended only on health-related initiatives in the state. One of those initiatives was the Trauma Care Trust Fund (“TCTF”). Administered by the Mississippi State Department of Health (“MSDH”), Division of Emergency Medical Services (“EMS”), the Fund received \$6 million annually from the tobacco expendable fund and additional monies from assessments on fines paid by moving traffic violators.

The purpose of the Mississippi Trauma Care System is to “reduce the death and disability resulting from traumatic injury” with a goal to “deliver the *right* patient to the *right* hospital the *first* time.” Every Mississippi hospital with an emergency room must maintain a trauma registry, which captures detailed information about patients whose injury meets the clinical criteria as defined by the state. This information, uploaded to the Department of Health monthly, is used to help ensure that patients have access to and are transported to the closest, most appropriate trauma facility, and also is used as part of the performance improvement process.

A 2007 report by the Center for Mississippi Health Policy called for changes to the state’s trauma system and recommended a minimum funding level of \$40 million to maintain the trauma care system at adequate levels. In the 2008 legislative session, HB 1405 created a mandatory trauma system, requiring all hospitals to participate in the trauma network as a condition of licensure. (With this piece of legislation, Mississippi became the first state to implement a mandatory trauma system.) A hospital that chooses not to participate in the trauma network or chooses to participate at a level lower than it is capable of participating, is assessed a fine ranging from \$423,500 to nearly \$1.5 million. These fees came to be known as “play or pay” fees.

As the tobacco expendable fund dwindled, new funding sources for TCTF were required. Fund sources came to include portions of traffic fines, license plate fees and point-of-sale fees on motorcycles, ATVs, and personal watercraft. In addition, the aforementioned hospital non-participation fees, aka “play or pay” fees, provided funding to the TCTF. Pursuant to the change in funding sources within the TCTF, the distribution system was changed in 2009. The TCTF is now managed by the Department of Health’s Bureau of Acute Care Systems, which continues to use the Fund Allocations to cover administration expenses of the system while distributing the remaining balance to trauma centers and ambulance districts. Qualified burn centers also receive funding from the TCTF. Level I – III hospitals and burn centers are required to expend 30 percent of their allocated funds on their physician component.

Recent Changes in Trauma Care Funding

During the 2016 and 2017 regular sessions, the Mississippi Legislature passed two bills that had implications for trauma funding. In 2016 the Legislature passed Senate Bill 2362, also known as the Budget Transparency and Simplification Act, which redirected part of the funding to be collected for the TCTF in fiscal year 2017 to the State General Fund. Specifically, fines associated with moving violations were redirected to the State General Fund.

During the 2017 Regular Session, the Legislature passed House Bill 1511. This bill provided for a portion (exactly \$7,023,197) of fees collected from moving violations to be restored for use by the state's Trauma System; however, the bill reduced the Trauma System's authority to spend from \$40 million to \$20 million. Based on previous years' collections, this equated to a cut of more than \$2 million for the Mississippi TCTF for FY 2018.⁴

During the 2019 Regular Session, the Legislature restored a portion of the traditional spending authority for the Trauma System. The Legislature provided a spending authority of \$28 million for fiscal year 2020.⁵

Other Recent Changes

In 2020, the Mississippi Trauma Care System Foundation ("Foundation") was created under the Mississippi Hospital Association. MSDH contracted with the Foundation to provide specific administrative and education services. The purpose of the shift from the regional model to the Foundation was to create a more centralized model to provide administration services and act as the educational vendor for the trauma facilities. The change will save the ACS an estimated \$275,000 per distribution period in administration expenses.

As of December 19, 2020, the State Board of Health approved a proposed change to Trauma Rules and Regulations, which allocates a portion of the EMS component of this present distribution to be paid to the Division of Medicaid to support the State Plan Amendment (SPA) 20-0016 Emergency Ground Ambulance Reimbursement Program, as provided in Rule 1.3.5, Miss. Code Ann. §41-59-75. Funds remaining from said EMS portion after making the state match payment to Medicaid will be distributed directly to EMS providers.

Total Available for Distribution

Biannually the Trauma System Administrator obtains the Trauma Care Systems Fund balance from the State Treasurer to be distributed to eligible trauma centers.

In accordance with the Distribution Policy,⁶ an allocation of the fund balance is available for distribution to eligible trauma centers⁷ based on patient trauma registry data. Each allocation is distributed based on half of the fund balance less pre-determined administration adjustments.

The remaining fund balance ("Total Available for Distribution") is provided by ACS to HORNE for calculation of the Fund Allocation for each designated trauma center, as described below.

⁴ Mississippi State Department of Health, "FY 2018 Mississippi TRAUMA System of Care Plan," July 12, 2017.

⁵ Mississippi State Department of Health, "FY 2021 Mississippi TRAUMA System of Care Plan," March 2, 2021.

⁶ Rule 1.3.5, Miss. Code Ann. §41-59-5.

⁷ Eligible Level IV trauma centers constitute facilities that maintain licensing and participation requirements as determined by the Department.

FUND ALLOCATION METHODOLOGY

In accordance with the Distribution Policy, the remaining Fund balance is available for distribution to EMS providers, Level I through Level III trauma centers, and the state's burn centers as follows:

EMS Component Distribution

Fifteen percent of the Net Total Available for Distribution is allocated to eligible licensed ambulance services that provide pre-hospital care to trauma victims. As of December 19, 2020, MSDH approved a proposed change to Trauma Rules and Regulations, which allocates a portion of the EMS component of this present distribution to be paid to the Division of Medicaid to support the State Plan Amendment (SPA) 20-0016 Emergency Ground Ambulance Reimbursement Program, as provided in Rule 1.3.5, Miss. Code Ann. §41-59-75. Funds remaining from said EMS portion after making the state match payment to Medicaid will be distributed directly to EMS providers using the formula below:

Small County Distribution – EMS Component funds are allocated for counties with respective populations fewer than 15,000 (“Small Counties”) on a *per capita* basis. The Small County distribution is determined based on a sum of the following:

- A dedicated portion equal to 3.5209 percent of the total EMS Component fund was utilized to result in a small county distribution less than or equal to the disbursement received by the Large County with the population closest to or equal to 15,000 in accordance with Rule 1.3.5. of the Distribution Policy.
- The total Small County population as a percentage of the total state population multiplied by the total EMS Component fund.

Large County Distribution – The EMS Component funds, less the Small County Distribution, are allocated for counties with respective populations greater than 14,999 (“Large Counties”) based on the population size of each individual Large County relative to the aggregate population of Large Counties.

Please refer to Schedules 1 and 2 for the EMS Component Distribution allocation.⁸

Level I through Level III Distribution

Hospital Fixed Distribution

Thirty percent of the Net Total Available for Distribution is allocated *pro rata* to Level I, Level II, and Level III trauma centers based on their respective designations during the distribution period in conjunction with the following relative weights:⁹

⁸ Rule 1.3.5, Miss. Code Ann. §41-59-75.

⁹ Rule 1.3.6, Miss. Code Ann. §41-59-75.

Trauma Designation	Relative Weight
Level I	1.000
Level II	0.875
Level III	0.625

For a list of eligible Level I – III trauma centers, please refer to Appendix B. For details of our calculation of the fixed distribution allocation, please refer to Schedule 4.

Variable Distribution

Fifty percent of the Net Total Available for Distribution is allocated among the Regions based on patient data collected in the trauma registry’s Injury Severity Score (ISS) index for each trauma center. Funds are distributed based on each facility’s specific ISS scores which are weighted relative to the total ISS scores for all Level I – III trauma centers as presented below:¹⁰

ISS Severity Score	Severity Score Weight
1 – 9	1.02
10 – 15	2.02
16 – 24	3.80
> 24	6.57

For a list of eligible Level I – III trauma centers please refer to Appendix B. For details of our calculation of the variable distribution allocation, please refer to Schedules 3 and 5.

Physician Component Distribution

In accordance with the Distribution Policy, a minimum of 30 percent of each total hospital payment is required to fund the physician component for each Level I – III trauma center. A summary of fixed and variable distribution components for each eligible facility, including the physician component is presented on Schedule 3.

Burn Center Fund

Five percent of the fund balance is reserved for burn centers operating in the state. However, if no such burn centers exist, this amount is included in the fixed trauma center distribution. If more than one burn center is operating within the system, the five percent is distributed based on a pro-rata share of patients as determined by Trauma Registry inputs. For a summary of the allocation for burn center funds, please refer to Schedule 6.

¹⁰ Rule 1.3.7, Miss. Code Ann. §41-59-75.

APPENDIX A – SOURCES OF INFORMATION

- Mississippi Trauma Care System Regulations, Title 15: Mississippi Department of Health, Part 3: Bureau of Acute Care Systems, Subpart 1: Trauma System of Care. Accessed at https://msdh.ms.gov/msdhsite/index.cfm/49,7361,305,pdf/TraumaRegs_Nov2020.pdf.
- *Descriptive Review of the Mississippi Trauma Care Systems Fund*. Joint Legislative Committee on Performance Evaluation and Expenditure Review (2013).
- Hariel, Shane and Granberry, Erin. *Financial Health of the Mississippi Statewide Trauma Program for Hospital Providers* (2015).
- Total Funds Available for Distribution for the period July 1, 2023, through December 31, 2023, as provided by ACS.
- Injury Severity Score (“ISS”) and Severity Index for Level I – III hospitals in the Trauma Care System based on patient data for the six-month period ended December 31, 2023, as provided by ACS.
- Injury Severity Score (“ISS”) and Severity Index for Delta Regional Medical Center in the Trauma Care System based on patient data for the twelve-month period ended June 30, 2023, as provided by ACS.
- Other sources as cited within this report.

APPENDIX B - MISSISSIPPI DESIGNATED AND NON-DESIGNATED TRAUMA CENTERS

Level I (4 Hospitals)

Le Bonheur Children’s Hospital –
 Memphis, TN (Tertiary Pediatric)
 Regional One Medical Center –
 Memphis, TN
 University of Mississippi Medical
 Center – Jackson, MS
 University of South Alabama – Mobile,
 AL

Level II (3 Hospitals)

Forrest General Hospital
 Memorial Hospital - Gulfport
 North Mississippi Medical Center –
 Tupelo

Level III (16 Hospitals)

Baptist Memorial Hospital - Anderson
 Baptist Memorial Hospital - DeSoto
 Baptist Memorial Hospital - Golden
 Triangle
 Baptist Memorial Hospital – North -
 Oxford
 Delta Regional Medical Center
 Magnolia Regional Health Center
 Merit Health Biloxi
 Merit Health River Oaks
 Merit Health Wesley
 Mississippi Baptist Medical – Jackson
 OCH Regional Medical Center
 Ochsner Rush Hospital
 Singing River Hospital – Gulfport
 Singing River Hospital – Ocean
 Springs
 Singing River Hospital – Pascagoula
 South Central Regional

Level IV (64 Hospitals)

Alliance Healthcare
 Baptist Medical Center – Attala

Baptist Memorial Hospital Yazoo
 Baptist Memorial Hospital –
 Booneville
 Baptist Memorial Hospital – Calhoun
 Baptist Memorial Hospital – Leake
 Baptist Memorial Hospital – Union
 County
 Bolivar Medical Center
 Choctaw Regional Medical Center
 Claiborne County Medical Center
 Copiah County Medical Center
 Covington County Hospital
 Highland Hills Medical Center
 Delta Health - Northwest Regional
 Field Memorial Hospital
 Franklin County Memorial Hospital
 George Regional Hospital
 Greene County Hospital
 Greenwood LeFlore Hospital
 Highland Community Hospital
 Jefferson Davis Community Hospital
 John C. Stennis Memorial Hospital
 King’s Daughters Medical Center -
 Brookhaven
 Lawrence County Hospital
 Magee General Hospital
 Marion General Hospital
 Memorial Hospital at Stone County
 Merit Health Central
 Merit Health Madison
 Merit Health Natchez
 Merit Health Rankin
 Merit Health River Region
 Methodist Health Care – Olive Branch
 Monroe Regional
 Neshoba County General Hospital
 North Mississippi Medical Center –
 Gilmore
 North Mississippi Medical Center
 Eupora

North Mississippi Medical Center –
 Iuka
 North Mississippi Medical Center –
 Pontotoc
 North Mississippi Medical Center –
 West Point
 North Sunflower Medical Center
 Noxubee General Hospital
 Ochsner Laird Hospital
 Ochsner Medical Center – Hancock
 Ochsner Watkins Hospital
 Panola Medical Center
 Pearl River Community Hospital
 Perry County Hospital
 Quitman Community Hospital
 S.E. Lackey Memorial Hospital
 Scott County Regional Hospital
 Sharkey Issaquena Community
 Hospital
 Simpson General Hospital
 South Sunflower County Hospital
 Southwest Mississippi Regional
 Medical Center
 St. Dominic Jackson Memorial
 Hospital*
 Tallahatchie General Hospital
 Tippah County Hospital
 Tyler Holmes Memorial Hospital
 University of Mississippi Medical
 Center Grenada
 University – Holmes County
 Walthall County General Hospital
 Wayne General Hospital
 Winston Medical Center

*Burn Center Designation
 (3 Hospitals)*

Regional One Health Firefighters Burn
 Center – Memphis, TN
 Mississippi Baptist Medical Center –
 Jackson
 University of Mississippi Medical
 Center - Burn

* St. Dominic Jackson Memorial Hospital – Jackson, MS has been determined capable of participating at a higher level than currently designated and thus was invoiced pursuant to the pay or play schedule. See the Trauma System Rules and Regulations, Rule 1.3.12 for more information about the “pay or play” rule and the fee schedule.

APPENDIX C - SCHEDULES

MISSISSIPPI STATE DEPARTMENT OF HEALTH

Trauma Care Trust Fund

Distribution Summary

July 1, 2023 - December 31, 2023

	Notes		
Total Funds Available in the Trauma Care Trust Fund	(1)	\$ 15,556,500	
1st Subgrant Administration & Education Payment Fiscal Year 2025	(2)	556,500	
Total to be Distributed to Hospitals	(3)	15,000,000	
Level IV Administration Support	(4)	640,000	
Net Total Available for Distribution to Hospitals		\$ 14,360,000	
Summary of Net Total Available for Administration and Distribution			
1st Subgrant Administration & Education Payment Fiscal Year 2025	(2)	\$ 556,500	
Levels I - III: Hospital Fixed Distribution Total	(5)	4,308,000	30%
Levels I - III: Hospital Variable Distribution Total	(5)	7,180,000	50%
Level IV Administration Support	(4)	640,000	N/A
Burn Fund	(5)	718,000	5%
EMS Component Distribution Total	(6)	2,154,000	15%
Total Funds Available in the Trauma Care Trust Fund		\$ 15,556,500	

MISSISSIPPI STATE DEPARTMENT OF HEALTH

Trauma Care Trust Fund

Distribution Summary

July 1, 2023 - December 31, 2023

Notes

Notes

- (1) Pursuant to Mississippi Trauma Care System Rules and Regulations, Chapter 1, Subchapter 3, said funds cover current fiscal year administration expenses and distribution to trauma centers and EMS for the six-month period ended December 31, 2023.
- (2) Administration funds will be distributed to the Mississippi Trauma Care System Foundation ("Foundation"). The Foundation was created in 2020 under the Mississippi Hospital Association to take the place of the Regional model in order to create a more centralized model to provide administration services and act as the educational vendor for the trauma facilities, as represented by ACS.
- (3) Amount available for distribution to the hospital facilities as provided by ACS for allocation in accordance with the Trauma Care Trust Fund Distribution Policy ("Distribution Policy").
- (4) Each of the 64 Level IV Trauma Centers receive an annual \$10,000 stipend per fiscal year, as provided in Rule 1.3.4, Miss. Code Ann. §41-59-5.
- (5) Based on percent of the Net Total Available for Distribution as provided in Rules 1.3.5 through 1.3.8, Miss. Code Ann. §41-59-75.
- (6) Based on percent of the Net Total Available for Distribution as provided in Rules 1.3.5 through 1.3.8, Miss. Code Ann. §41-59-75 and includes an amount available for distribution to the Division of Medicaid to support the Emergency Ground Ambulance Reimbursement Program, as provided in Rule 1.3.5, Miss. Code Ann. §41-59-75. These match funds will be held in trust and paid to the Division of Medicaid to cover the cost of the Emergency Medical Services ("EMS") Enhanced Reimbursement Program.

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Funding Model for Medicaid Component
 July 1, 2023 - December 31, 2023

	Notes		
Census	(1)		2,961,279
EMS Component Distribution Total	(2)	\$ 2,154,000	
EMS Enhanced Reimbursement Program Match	(3)	400,000	
Remaining to be distributed to the counties			\$ 1,754,000
Small County Per Capita Portion	(4)	8.5808%	150,508
Small County Dedicated Portion	(5)	4.3965%	77,115
Total EMS Component Funds for Small Counties (<15,000 pop.)			227,622
Total Number of Small Counties			26
Lump Sum per Small County			8,755
Total EMS Component Funds for Large Counties (>14,999 pop.)	(6)		1,526,378

County	Population	Population Percentage	EMS Distribution
Small Counties (<15,000 pop.):			
Issaquena	1,338	0.0452%	\$ 8,755
Sharkey	3,800	0.1283%	8,755
Jefferson	7,260	0.2452%	8,755
Franklin	7,675	0.2592%	8,755
Quitman	6,176	0.2086%	8,755
Choctaw	8,246	0.2785%	8,755
Benton	7,646	0.2582%	8,755
Humphreys	7,785	0.2629%	8,755
Claiborne	9,135	0.3085%	8,755
Wilkinson	8,587	0.2900%	8,755
Webster	9,926	0.3352%	8,755
Kemper	8,988	0.3035%	8,755

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Funding Model for Medicaid Component
 July 1, 2023 - December 31, 2023

County	Population	Population Percentage	EMS Distribution
Carroll	9,998	0.3376%	8,755
Tunica	9,782	0.3303%	8,755
Montgomery	9,822	0.3317%	8,755
Noxubee	10,285	0.3473%	8,755
Perry	11,511	0.3887%	8,755
Jefferson Davis	11,321	0.3823%	8,755
Yalobusha	12,481	0.4215%	8,755
Lawrence	12,016	0.4058%	8,755
Amite	12,720	0.4295%	8,755
Greene	13,530	0.4569%	8,755
Calhoun	13,266	0.4480%	8,755
Tallahatchie	12,715	0.4294%	8,755
Walthall	13,884	0.4689%	8,755
Smith	14,209	0.4798%	8,755
Large Counties (>14,999 pop.):			
Clarke	15,615	0.5273%	8,804
Jasper	16,367	0.5527%	9,228
Chickasaw	17,106	0.5777%	9,646
Stone	18,333	0.6191%	10,337
Winston	17,714	0.5982%	9,988
Holmes	17,000	0.5741%	9,585
Attala	17,889	0.6041%	10,086
Covington	18,340	0.6193%	10,340
Tishomingo	18,850	0.6365%	10,627
Clay	18,636	0.6293%	10,507
Wayne	19,779	0.6679%	11,152

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Funding Model for Medicaid Component
 July 1, 2023 - December 31, 2023

County	Population	Population Percentage	EMS Distribution
Leake	21,275	0.7184%	11,995
Newton	21,291	0.7190%	12,005
Coahoma	21,390	0.7223%	12,060
Grenada	21,629	0.7304%	12,195
Tippah	21,815	0.7367%	12,300
Itawamba	23,863	0.8058%	13,454
George	24,350	0.8223%	13,730
Marion	24,441	0.8254%	13,781
Prentiss	25,008	0.8445%	14,100
Simpson	25,949	0.8763%	14,631
Sunflower	25,971	0.8770%	14,643
Yazoo	26,743	0.9031%	15,079
Union	27,777	0.9380%	15,661
Scott	27,990	0.9452%	15,782
Tate	28,064	0.9477%	15,823
Leflore	28,339	0.9570%	15,979
Copiah	28,368	0.9580%	15,995
Neshoba	29,087	0.9822%	16,399
Adams	29,538	0.9975%	16,655
Bolivar	30,985	1.0463%	17,470
Pontotoc	31,184	1.0531%	17,583
Panola	33,208	1.1214%	18,723
Marshall	33,752	1.1398%	19,031
Monroe	34,180	1.1542%	19,271
Alcorn	34,740	1.1731%	19,587
Lincoln	34,907	1.1788%	19,682

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Funding Model for Medicaid Component
 July 1, 2023 - December 31, 2023

County	Population	Population Percentage	EMS Distribution
Pike	40,324	1.3617%	22,736
Warren	44,722	1.5102%	25,215
Washington	44,922	1.5170%	25,329
Hancock	46,053	1.5552%	25,966
Oktibbeha	51,788	1.7488%	29,199
Lafayette	55,813	1.8848%	31,470
Pearl River	56,145	1.8960%	31,657
Lowndes	58,879	1.9883%	33,198
Lamar	64,222	2.1687%	36,210
Jones	67,246	2.2708%	37,914
Lauderdale	72,984	2.4646%	41,150
Forrest	78,158	2.6393%	44,067
Lee	83,343	2.8144%	46,991
Madison	109,145	3.6857%	61,538
Jackson	143,252	4.8375%	80,769
Rankin	157,031	5.3028%	88,538
DeSoto	185,314	6.2579%	104,485
Harrison	208,621	7.0450%	117,628
Hinds	227,742	7.6907%	128,409
Totals⁽⁷⁾	2,961,279	100%	\$ 1,754,000

MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Funding Model for Medicaid Component
July 1, 2023 - December 31, 2023

Notes

- (1) Based on the United States Census Bureau 2020 census data for Mississippi as provided by Rule 1.3.5., Miss. Code Ann. §41-59-75.
- (2) Based on 15 percent of the net total available for distribution as presented on Schedule 1.
- (3) The total estimated Emergency Ground Ambulance Reimbursement Program match payment for the fiscal year is \$800,000. \$400,000 is estimated to be matched in each FY2025 distribution period; therefore, \$400,000 of the EMS funds will be held in a trust and paid to the Division of Medicaid to cover the cost of the Emergency Ground Ambulance Reimbursement Program for the period July 1, 2023 through December 31, 2023.
- (4) Based on the combined population for counties with fewer than 15,000 inhabitants as a percentage of the total population for the state of Mississippi.
- (5) Based on a dedicated portion to result in less than or equal to the Disbursement received by the Large County with the population closest to or equal to 15,000 as provided by Rule 1.3.5., Miss. Code Ann. §41-59-75.
- (6) Calculated as the difference between total Medicaid component fund balance (a) less the small county population percentage (b) multiplied by the subject county's population percentage (c) less the subject county's population percentage (c) multiplied by the small county dedicated portion (d), and the subject county's population (e) as a percentage of total population (f) multiplied by the difference in total distribution (g) for all small counties less total distribution (g) for all small counties excluding the small county dedicated portion (d) as provided by Rule 1.3.5., Miss. Code Ann. §41-59-75:
$$=(((a-b)*c)-(c*d))-((e/f)*(g-(g-d)))$$
- (7) Percentages in this report may contain rounding differences.

MISSISSIPPI STATE DEPARTMENT OF HEALTH

Trauma Care Trust Fund

Level I - III Hospital Distribution

July 1, 2023 - December 31, 2023

Trauma Facility	Fixed Amount ⁽¹⁾	Variable Amount ⁽²⁾	Total	Physician Payment ⁽³⁾
Level I:				
Le Bonheur Children's Hospital	\$259,128	\$184,643	\$443,771	\$133,131
Regional One Medical Center - Memphis	259,128	650,606	909,733	272,920
University of Mississippi Medical Center	259,128	2,083,296	2,342,424	702,727
University of South Alabama	259,128	298,745	557,873	167,362
Level II:				
Forrest General Hospital	226,737	583,765	810,502	243,151
Memorial Hospital - Gulfport	226,737	209,388	436,125	130,837
North Mississippi Medical Center - Tupelo	226,737	595,542	822,279	246,684
Level III:				
Baptist Medical Center - Jackson	161,955	311,652	473,607	142,082
Baptist Memorial Hospital - Anderson	161,955	130,949	292,904	87,871
Baptist Memorial Hospital - Desoto	161,955	267,070	429,024	128,707
Baptist Memorial Hospital - Golden Triangle	161,955	204,883	366,838	110,051
Baptist Memorial Hospital North - Oxford	161,955	216,699	378,654	113,596
Delta Regional Medical Center	161,955	138,911	300,866	90,260
Magnolia Regional Health Center	161,955	141,540	303,495	91,049
Merit Health Biloxi	161,955	72,348	234,303	70,291
Merit Health River Oaks	161,955	62,051	224,006	67,202
Merit Health Wesley	161,955	38,545	200,500	60,150
OCH Regional Medical Center	161,955	51,784	213,739	64,122
Ochsner Rush Hospital	161,955	176,714	338,669	101,601
Singing River Hospital - Gulfport	161,955	176,854	338,809	101,643
Singing River Hospital - Ocean Springs	161,955	329,309	491,264	147,379
Singing River Hospital - Pascagoula	161,955	189,060	351,015	105,305
South Central Regional Medical Center	161,955	65,645	227,600	68,280
Totals⁽⁴⁾	\$4,308,000	\$7,180,000	\$11,488,000	\$3,446,400

MISSISSIPPI STATE DEPARTMENT OF HEALTH

Trauma Care Trust Fund

Level I - III Hospital Distribution

July 1, 2023 - December 31, 2023

Notes

- (1) Please refer to Schedule 4.
- (2) Determined by calculating the severity percentage found in Schedule 5 by the hospital variable distribution total found in Schedule 1.
- (3) At a minimum, 30 percent of each total hospital payment shall fund the physician component for each Level I - III trauma center as provided in Rule 1.3.3, Miss. Code Ann. §41-59-5.
- (4) Percentages in this report may contain rounding differences.



MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Fixed Funding Distribution for Level I, II and III Hospitals
 July 1, 2023 - December 31, 2023

Hospital Fixed Distribution Total	\$ 4,308,000
Level I Hospital Allocation	1,036,511
Level II Hospital Allocation	680,211
Level III Hospital Allocation	2,591,278

Trauma Facility	Relative Weight ⁽¹⁾	Distribution Percentage ⁽¹⁾	Fixed Distribution Allocation ⁽²⁾
Level I:			
Le Bonheur Children's Hospital	1.000	6.0150%	\$259,128
Regional One Medical Center - Memphis	1.000	6.0150%	259,128
University of Mississippi Medical Center	1.000	6.0150%	259,128
University of South Alabama	1.000	6.0150%	259,128
Level I Hospital Totals⁽³⁾	4.000	24.0602%	1,036,511
Level II:			
Forrest General Hospital	0.875	5.2632%	226,737
Memorial Hospital - Gulfport	0.875	5.2632%	226,737
North Mississippi Medical Center - Tupelo	0.875	5.2632%	226,737
Level II Hospital Totals⁽³⁾	2.625	15.7895%	680,211
Level III:			
Baptist Medical Center - Jackson	0.625	3.7594%	161,955
Baptist Memorial Hospital - Anderson	0.625	3.7594%	161,955
Baptist Memorial Hospital - Desoto	0.625	3.7594%	161,955
Baptist Memorial Hospital - Golden Triangle	0.625	3.7594%	161,955
Baptist Memorial Hospital North - Oxford	0.625	3.7594%	161,955
Delta Regional Medical Center	0.625	3.7594%	161,955
Magnolia Regional Health Center	0.625	3.7594%	161,955



MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Fixed Funding Distribution for Level I, II and III Hospitals
July 1, 2023 - December 31, 2023

Trauma Facility	Relative Weight ⁽¹⁾	Distribution Percentage ⁽¹⁾	Fixed Distribution Allocation ⁽²⁾
Merit Health Biloxi	0.625	3.7594%	161,955
Merit Health River Oaks	0.625	3.7594%	161,955
Merit Health Wesley	0.625	3.7594%	161,955
OCH Regional Medical Center	0.625	3.7594%	161,955
Ochsner Rush Hospital	0.625	3.7594%	161,955
Singing River Hospital - Gulfport	0.625	3.7594%	161,955
Singing River Hospital - Ocean Springs	0.625	3.7594%	161,955
Singing River Hospital - Pascagoula	0.625	3.7594%	161,955
South Central Regional Medical Center	0.625	3.7594%	161,955
Level III Hospital Totals ⁽³⁾	10.000	60.1504%	2,591,278
Level I - III Hospital Totals ⁽³⁾	16.625	100.0%	4,308,000

Notes

- (1) Based on the relative weight for Level I - III trauma centers as provided in Rule 1.3.6, Miss. Code Ann. §41-59-75.
- (2) Based on each hospital's distribution percentage multiplied by Hospital Fixed Distribution Total as presented on Schedule 1.
- (3) Percentages in this report may contain rounding differences.

MISSISSIPPI STATE DEPARTMENT OF HEALTH

Trauma Care Trust Fund

Injury Severity Score Summary for Level I, II and III Hospitals ⁽¹⁾

July 1, 2023 - December 31, 2023

Trauma Facility	A 1-9	Severity ⁽²⁾	B 10-15	Severity ⁽²⁾	C 16-24	Severity ⁽²⁾	D >24	Severity ⁽²⁾	Not Valued	A - D	Severity Totals ⁽²⁾	Severity Percentage
Level I:												
Le Bonheur Children's Hospital	187	190.74	62	125.24	14	53.20	8	52.56	0	271	421.74	2.572%
Regional One Medical Center - Memphis	403	411.06	121	244.42	101	383.80	68	446.76	0	693	1,486.04	9.061%
University of Mississippi Medical Center	1,750	1,785.00	413	834.26	250	950.00	181	1,189.17	0	2,594	4,758.43	29.015%
University of South Alabama	128	130.56	61	123.22	54	205.20	34	223.38	0	277	682.36	4.161%
Level II:												
Forrest General Hospital	656	669.12	116	234.32	63	239.40	29	190.53	0	864	1,333.37	8.130%
Memorial Hospital - Gulfport	218	222.36	36	72.72	24	91.20	14	91.98	0	292	478.26	2.916%
North Mississippi Medical Center - Tupelo	576	587.52	156	315.12	53	201.40	39	256.23	0	824	1,360.27	8.294%
Level III:												
Baptist Medical Center - Jackson	477	486.54	33	66.66	21	79.80	12	78.84	0	543	711.84	4.341%
Baptist Memorial Hospital - Anderson	94	95.88	64	129.28	16	60.80	2	13.14	0	176	299.10	1.824%
Baptist Memorial Hospital - Desoto	407	415.14	40	80.80	11	41.80	11	72.27	0	469	610.01	3.720%
Baptist Memorial Hospital - Golden Triangle	294	299.88	24	48.48	9	34.20	13	85.41	0	340	467.97	2.854%
Baptist Memorial Hospital North - Oxford	404	412.08	27	54.54	4	15.20	2	13.14	0	437	494.96	3.018%
Delta Regional Medical Center ³	174	177.48	20	39.39	10	38.00	10	62.42	0	213	317.29	1.935%
Magnolia Regional Health Center	166	169.32	29	58.58	13	49.40	7	45.99	0	215	323.29	1.971%
Merit Health Biloxi	77	78.54	20	40.40	7	26.60	3	19.71	0	107	165.25	1.008%
Merit Health River Oaks	102	104.04	6	12.12	5	19.00	1	6.57	0	114	141.73	0.864%
Merit Health Wesley	65	66.30	7	14.14	2	7.60	0	0	0	74	88.04	0.537%
OCH Regional Medical Center	83	84.66	11	22.22	3	11.40	0	0	0	97	118.28	0.721%
Ochsner Rush Hospital	218	222.36	23	46.46	13	49.40	13	85.41	0	267	403.63	2.461%
Singing River Hospital - Gulfport	233	237.66	13	26.26	4	15.20	19	124.83	0	269	403.95	2.463%
Singing River Hospital - Ocean Springs	294	299.88	19	38.38	0	0	63	413.91	0	376	752.17	4.586%
Singing River Hospital - Pascagoula	295	300.90	27	54.54	8	30.40	7	45.99	0	337	431.83	2.633%
South Central Regional Medical Center	147	149.94	0	0	0	0	0	0	0	147	149.94	0.914%
Totals⁽⁴⁾	7,448	7,596.96	1,328	2,681.55	685	2,603.00	536	3,518.24	-	9,996	16,399.75	100.00%

MISSISSIPPI STATE DEPARTMENT OF HEALTH

Trauma Care Trust Fund

Injury Severity Score Summary for Level I, II and III Hospitals ⁽¹⁾

July 1, 2023 - December 31, 2023

Notes

- (1) Based on injury severity scores for patients in the trauma registry during the period July 1, 2023 through December 31, 2023 as provided by ACS.
- (2) Based on Injury Severity Score weightings as provided in Rule 1.3.7, Miss. Code Ann. §41-59-75.

ISS Severity Score	Severity Index
1 - 9	1.02
10 - 15	2.02
16 - 24	3.80
> 24	6.57

- (3) We were not provided with ISS data for Delta Regional Medical Center ("Delta"). Therefore, we have relied upon average injury severity scores for patients in the trauma registry during the period July 1, 2022 through June 30, 2023 as provided by ACS, due to difficulty obtaining for July 1, 2023 through December 31, 2023 due to database changes. We will provide a true up in the next distribution period based on actual July through December 2023 ISS data, when it becomes available.
- (4) Percentages in this report may contain rounding differences.

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Burn Center Distribution⁽¹⁾
 July 1, 2023 - December 31, 2023

Burn Center	Patient Count ⁽²⁾	Allocation Percentage	Distribution Payment
Regional One Health Firefighters Burn Center	52	13.79%	\$ 99,034
Mississippi Baptist Medical Center - Jackson	164	43.50%	312,340
University of Mississippi Medical Center - Burn	161	42.71%	306,626
Totals	377	100.00%	\$ 718,000

Notes

- (1) 5 percent of the amount reserved for distribution to hospitals shall be distributed to designated burn centers within the Trauma System. If more than one burn center is operating within the system, the 5% will be distributed based on a pro-rata share of patients as determined by Trauma Registry inputs, as provided in Rule 1.3.8, Miss. Code Ann. §41-59-75.
- (2) Based on burn patients in the trauma registry during the period July 1, 2023 through December 31, 2023 for Regional One Health Firefighters Burn Center, MS Baptist Medical Center, and the University of MS Medical Center - Burn, as provided by ACS.

MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Level IV Administration Support - Annual Stipend
July 1, 2023 - December 31, 2023

Hospital	County	Fixed Amount
Level IV:		
Alliance Healthcare	Marshall	\$ 10,000
Baptist Medical Center - Attala	Attala	10,000
Baptist Memorial Hospital Yazoo	Yazoo	10,000
Baptist Memorial Hospital - Booneville	Prentiss	10,000
Baptist Memorial Hospital - Calhoun	Calhoun	10,000
Baptist Memorial Hospital - Leake	Leake	10,000
Baptist Memorial Hospital - Union County	Union	10,000
Bolivar Medical Center	Bolivar	10,000
Choctaw Regional Medical Center	Choctaw	10,000
Claiborne County Medical Center	Claiborne	10,000
Copiah County Medical Center	Copiah	10,000
Covington County Hospital	Covington	10,000
Highland Hills Medical Center	Tate	10,000
Delta Health - Northwest Regional	Coahoma	10,000
Field Memorial Hospital	Wilkinson	10,000
Franklin County Memorial Hospital	Franklin	10,000
George Regional Hospital	George	10,000
Greene County Hospital	Greene	10,000
Greenwood LeFlore Hospital	Leflore	10,000
Highland Community Hospital	Pearl River	10,000
Jefferson Davis Community Hospital	Jefferson Davis	10,000
John C. Stennis Memorial Hospital	Kemper	10,000
King's Daughters Medical Center - Brookhaven	Lincoln	10,000
Lawrence County Hospital	Lawrence	10,000
Magee General Hospital	Simpson	10,000
Marion General Hospital	Marion	10,000
Memorial Hospital at Stone County	Stone	10,000
Merit Health Central	Hinds	10,000

MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Level IV Administration Support - Annual Stipend
July 1, 2023 - December 31, 2023

Hospital	County	Fixed Amount
Merit Health Madison	Madison	10,000
Merit Health Natchez	Adams	10,000
Merit Health Rankin	Rankin	10,000
Merit Health River Region	Warren	10,000
Methodist Health Care - Olive Branch	DeSoto	10,000
Monroe Regional	Monroe	10,000
Neshoba County General Hospital	Neshoba	10,000
North Mississippi Medical Center - Gilmore	Monroe	10,000
North Mississippi Medical Center - Eupora	Webster	10,000
North Mississippi Medical Center - Iuka	Tishomingo	10,000
North Mississippi Medical Center - Pontotoc	Pontotoc	10,000
North Mississippi Medical Center - West Point	Clay	10,000
North Sunflower Medical Center	Sunflower	10,000
Noxubee General Hospital	Noxubee	10,000
Ochsner Laird Hospital	Newton	10,000
Ochsner Medical Center - Hancock	Hancock	10,000
Ochsner Watkins Hospital	Clarke	10,000
Panola Medical Center	Panola	10,000
Pearl River Community Hospital	Pearl River	10,000
Perry County Hospital	Perry	10,000
Quitman Community Hospital	Quitman	10,000
S.E. Lackey Memorial Hospital	Scott	10,000
Scott County Regional Hospital	Scott	10,000
Sharkey Issaquena Community Hospital	Sharkey	10,000
Simpson General Hospital	Simpson	10,000
South Sunflower County Hospital	Sunflower	10,000
Southwest Mississippi Regional Medical Center	Pike	10,000
St. Dominic Jackson Memorial Hospital	Hinds	10,000
Tallahatchie General Hospital	Tallahatchie	10,000



MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Level IV Administration Support - Annual Stipend
July 1, 2023 - December 31, 2023

Hospital	County	Fixed Amount
Tippah County Hospital	Tippah	10,000
Tyler Holmes Memorial Hospital	Montgomery	10,000
University of Mississippi Medical Center - Grenada	Grenada	10,000
University - Holmes County	Holmes	10,000
Walthall County General Hospital	Walthall	10,000
Wayne General Hospital	Wayne	10,000
Winston Medical Center	Winston	10,000
Fiscal Year 2024 (July 1, 2023 - June 30, 2024) Level IV Distribution ⁽¹⁾		<u>\$ 640,000</u>

Notes

(1) Each of the Level IV Trauma Centers receive an annual \$10,000 stipend per fiscal year, as provided in Rule 1.3.4, Miss. Code Ann. §41-59-5.

MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Administration Expenses Distribution⁽¹⁾
July 1, 2023 - December 31, 2023

Mississippi Trauma Care System Foundation Administration Expenses

Administration Expenses	\$ 328,840
Educational Expenses	<u>227,660</u>
Total Foundation Administration Expenses	<u>\$ 556,500</u>

Notes

(1) Calculation provided by MSDH, Bureau of Acute Care Systems ("ACS"). The calculation is based on ACS's calculation effective for the July 1, 2023 - December 31, 2023 distribution period.



HORNE