



MISSISSIPPI STATE DEPARTMENT OF HEALTH

TRAUMA CARE TRUST FUND DISTRIBUTION

January 1, 2023 through June 30, 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 June 30, 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, 2023.

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May 28, 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, 2023, 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 June 30, 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
May 28, 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

1286249

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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 June 30, 2023.

Summary of Net Total Available for Administration and Distribution

2 nd Subgrant Administration & Education Payment Fiscal Year 2024 ²	\$ 556,500
Level I – Level III Fixed Distribution Total	3,600,000
Level I – Level III Variable Distribution Total	6,000,000
Level IV Administration Support ³	N/A
Burn Fund	600,000
EMS Component Distribution Total	1,800,000
Net Total Available for Administration and Distribution	\$ 12,556,500

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 65 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. The annual stipend for fiscal year 2024 (July 1, 2023 through June 30, 2024) was paid in the 1st Trauma Care Trust Fund Distribution for the fiscal year.

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 Reductions 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 4.3804 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 January 1, 2023, through June 30, 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 June 30, 2023, as provided by ACS.
- Patient counts for the Burn Centers based on patient data for the six-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)
 University of Mississippi Medical
 Center – Jackson, MS
 University of South Alabama – Mobile,
 AL
 Regional One Medical Center –
 Memphis, TN

Level II (3 Hospitals)

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

Level III (15 Hospitals)

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

Level IV (65 Hospitals)

Alliance Healthcare

Baptist Medical Center – Attala
 Baptist Medical Center – Jackson*
 Baptist Memorial Hospital Yazoo
 Baptist Memorial Hospital – Calhoun
 Baptist Memorial Hospital –Booneville
 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
 Delta Health Highland Hills
 Delta Health - Northwest Regional
 Field Memorial Hospital
 Franklin County Memorial Hospital
 George Regional Hospital
 Greene County Hospital
 Greenwood LeFlore Hospital
 H.C. Watkins Memorial Hospital
 Highland Community Hospital
 Jefferson Davis Community Hospital
 John C. Stennis Memorial Hospital
 King’s Daughters Medical Center -
 Brookhaven
 Laird Hospital
 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 Medical Center – Hancock
 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
 (2 Hospitals)*

Regional One Health Firefighters Burn
 Center – Memphis, TN
 University of Mississippi Medical
 Center – Mississippi Burn Center**

* Baptist Medical Center – Jackson and St. Dominic Jackson Memorial Hospital – Jackson, MS have been determined capable of participating at a higher level than currently designated and thus were 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.

** The University of Mississippi Medical Center – Mississippi Burn Center was established in March of 2023.

APPENDIX C - SCHEDULES

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Distribution Summary
 January 1, 2023 - June 30, 2023

	Notes		
Total Funds Available in the Trauma Care Trust Fund	(1)	\$ 12,556,500	
2nd Subgrant Administration & Education Payment Fiscal Year 2024	(2)	556,500	
Total to be Distributed to Hospitals	(3)	12,000,000	
Level IV Administration Support	(4)	N/A	
Net Total Available for Distribution to Hospitals		\$ 12,000,000	
Summary of Net Total Available for Administration and Distribution			
2nd Subgrant Administration & Education Payment Fiscal Year 2024	(2)	\$ 556,500	
Levels I - III: Hospital Fixed Distribution Total	(5)	3,600,000	30%
Levels I - III: Hospital Variable Distribution Total	(5)	6,000,000	50%
Level IV Administration Support	(4)	N/A	N/A
Burn Fund	(5)	600,000	5%
EMS Component Distribution Total	(6)	1,800,000	15%
Total Funds Available in the Trauma Care Trust Fund		\$ 12,556,500	

MISSISSIPPI STATE DEPARTMENT OF HEALTH

Trauma Care Trust Fund

Distribution Summary

January 1, 2023 - June 30, 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 June 30, 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 65 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. The annual stipend for the fiscal year July 1, 2022 through June 30, 2023 was paid in the 1st Trauma Care Trust Fund Distribution for the fiscal year.
- (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
 January 1, 2023 - June 30, 2023

	Notes		
Census	(1)		2,961,279
EMS Component Distribution Total	(2)	\$ 1,800,000	
EMS Enhanced Reimbursement Program Match	(3)	400,000	
Remaining to be distributed to the counties			\$ 1,400,000
Small County Per Capita Portion	(4)	8.5808%	120,131
Small County Dedicated Portion	(5)	4.3804%	61,325
Total EMS Component Funds for Small Counties (<15,000 pop.)			181,457
Total Number of Small Counties			26
Lump Sum per Small County			6,979
Total EMS Component Funds for Large Counties (>14,999 pop.)	(6)		1,218,543

County	Population	Population Percentage	EMS Distribution
Small Counties (<15,000 pop.):			
Issaquena	1,338	0.0452%	\$ 6,979
Sharkey	3,800	0.1283%	6,979
Jefferson	7,260	0.2452%	6,979
Franklin	7,675	0.2592%	6,979
Quitman	6,176	0.2086%	6,979
Choctaw	8,246	0.2785%	6,979
Benton	7,646	0.2582%	6,979
Humphreys	7,785	0.2629%	6,979
Claiborne	9,135	0.3085%	6,979
Wilkinson	8,587	0.2900%	6,979
Webster	9,926	0.3352%	6,979
Kemper	8,988	0.3035%	6,979

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Funding Model for Medicaid Component
 January 1, 2023 - June 30, 2023

County	Population	Population Percentage	EMS Distribution
Small Counties (<15,000 pop.):			
Carroll	9,998	0.3376%	6,979
Tunica	9,782	0.3303%	6,979
Montgomery	9,822	0.3317%	6,979
Noxubee	10,285	0.3473%	6,979
Perry	11,511	0.3887%	6,979
Jefferson Davis	11,321	0.3823%	6,979
Yalobusha	12,481	0.4215%	6,979
Lawrence	12,016	0.4058%	6,979
Amite	12,720	0.4295%	6,979
Greene	13,530	0.4569%	6,979
Calhoun	13,266	0.4480%	6,979
Tallahatchie	12,715	0.4294%	6,979
Walthall	13,884	0.4689%	6,979
Smith	14,209	0.4798%	6,979
Large Counties (>14,999 pop.):			
Clarke	15,615	0.5273%	7,029
Jasper	16,367	0.5527%	7,367
Chickasaw	17,106	0.5777%	7,700
Stone	18,333	0.6191%	8,252
Winston	17,714	0.5982%	7,973
Holmes	17,000	0.5741%	7,652
Attala	17,889	0.6041%	8,052
Covington	18,340	0.6193%	8,255
Tishomingo	18,850	0.6365%	8,485
Clay	18,636	0.6293%	8,388
Wayne	19,779	0.6679%	8,903

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Funding Model for Medicaid Component
 January 1, 2023 - June 30, 2023

County	Population	Population Percentage	EMS Distribution
Large Counties (>14,999 pop.):			
Leake	21,275	0.7184%	9,576
Newton	21,291	0.7190%	9,583
Coahoma	21,390	0.7223%	9,628
Grenada	21,629	0.7304%	9,736
Tippah	21,815	0.7367%	9,819
Itawamba	23,863	0.8058%	10,741
George	24,350	0.8223%	10,960
Marion	24,441	0.8254%	11,001
Prentiss	25,008	0.8445%	11,256
Simpson	25,949	0.8763%	11,680
Sunflower	25,971	0.8770%	11,690
Yazoo	26,743	0.9031%	12,037
Union	27,777	0.9380%	12,503
Scott	27,990	0.9452%	12,599
Tate	28,064	0.9477%	12,632
Leflore	28,339	0.9570%	12,756
Copiah	28,368	0.9580%	12,769
Neshoba	29,087	0.9822%	13,093
Adams	29,538	0.9975%	13,296
Bolivar	30,985	1.0463%	13,947
Pontotoc	31,184	1.0531%	14,036
Panola	33,208	1.1214%	14,947
Marshall	33,752	1.1398%	15,192
Monroe	34,180	1.1542%	15,385
Alcorn	34,740	1.1731%	15,637
Lincoln	34,907	1.1788%	15,712

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Funding Model for Medicaid Component
 January 1, 2023 - June 30, 2023

County	Population	Population Percentage	Revised Distribution ⁽⁴⁾
Pike	40,324	1.3617%	18,150
Warren	44,722	1.5102%	20,130
Washington	44,922	1.5170%	20,220
Hancock	46,053	1.5552%	20,729
Oktibbeha	51,788	1.7488%	23,311
Lafayette	55,813	1.8848%	25,122
Pearl River	56,145	1.8960%	25,272
Lowndes	58,879	1.9883%	26,502
Lamar	64,222	2.1687%	28,907
Jones	67,246	2.2708%	30,268
Lauderdale	72,984	2.4646%	32,851
Forrest	78,158	2.6393%	35,180
Lee	83,343	2.8144%	37,514
Madison	109,145	3.6857%	49,128
Jackson	143,252	4.8375%	64,480
Rankin	157,031	5.3028%	70,682
DeSoto	185,314	6.2579%	83,413
Harrison	208,621	7.0450%	93,904
Hinds	227,742	7.6907%	102,510
Totals ⁽⁷⁾	2,961,279	100%	\$ 1,400,000

MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Funding Model for Medicaid Component
January 1, 2023 - June 30, 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 FY2024 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 January 1, 2023 through June 30, 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
 January 1, 2023 - June 30, 2023

Trauma Facility	Fixed Amount ⁽¹⁾	Variable Amount ⁽²⁾	Total	Physician Payment ⁽³⁾
Level I:				
Le Bonheur Children's Hospital	\$225,000	\$138,564	\$363,564	\$109,069
University of Mississippi Medical Center	225,000	1,925,950	2,150,950	645,285
University of South Alabama Medical Center	225,000	250,844	475,844	142,753
Regional One Medical Center - Memphis	225,000	488,115	713,115	213,934
Level II:				
Memorial Hospital - Gulfport	196,875	244,032	440,907	132,272
North Mississippi Medical Center - Tupelo	196,875	454,089	650,964	195,289
Forrest General Hospital	196,875	531,919	728,794	218,638
Level III:				
Anderson Regional Medical Center	140,625	137,165	277,790	83,337
Baptist Memorial Hospital - Desoto	140,625	213,532	354,157	106,247
Baptist Memorial Hospital - Golden Triangle	140,625	173,619	314,244	94,273
Baptist Memorial Hospital - North Mississippi	140,625	193,597	334,222	100,267
Delta Regional Medical Center	140,625	113,043	253,668	76,100
Magnolia Regional Health Center	140,625	116,510	257,135	77,141
Merit Health Biloxi	140,625	82,551	223,176	66,953
Merit Health River Oaks	140,625	40,060	180,685	54,205
Merit Health Wesley	140,625	35,090	175,715	52,714
OCH Regional Medical Center	140,625	63,964	204,589	61,377
Rush Foundation Hospital	140,625	103,059	243,684	73,105
Singing River Hospital - Gulfport	140,625	155,661	296,286	88,886
Singing River Hospital - Ocean Springs	140,625	252,248	392,873	117,862
Singing River Hospital - Pascagoula	140,625	186,488	327,113	98,134
South Central Regional Medical Center	140,625	99,900	240,525	72,158
Totals⁽⁴⁾	\$3,600,000	\$6,000,000	\$9,600,000	\$2,880,000

MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Level I - III Hospital Distribution
January 1, 2023 - June 30, 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
 January 1, 2023 - June 30, 2023



Hospital Fixed Distribution Total	\$ 3,600,000
Level I Hospital Allocation	900,000
Level II Hospital Allocation	590,625
Level III Hospital Allocation	2,109,375

Trauma Facility	Relative Weight ⁽¹⁾	Distribution Percentage ⁽¹⁾	Fixed Distribution Allocation ⁽²⁾
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Level I:

Le Bonheur Children's Hospital	1.000	6.2500%	\$225,000
University of Mississippi Medical Center	1.000	6.2500%	225,000
University of South Alabama Medical Center	1.000	6.2500%	225,000
Regional One Medical Center - Memphis	1.000	6.2500%	225,000

Level I Hospital Totals⁽³⁾	4.000	25.0000%	900,000
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Level II:

Memorial Hospital - Gulfport	0.875	5.4688%	196,875
North Mississippi Medical Center - Tupelo	0.875	5.4688%	196,875
Forrest General Hospital	0.875	5.4688%	196,875

Level II Hospital Totals⁽³⁾	2.625	16.4063%	590,625
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Level III:

Anderson Regional Medical Center	0.625	3.9063%	140,625
Baptist Memorial Hospital - Desoto	0.625	3.9063%	140,625
Baptist Memorial Hospital - Golden Triangle	0.625	3.9063%	140,625
Baptist Memorial Hospital - North Mississippi	0.625	3.9063%	140,625
Delta Regional Medical Center	0.625	3.9063%	140,625
Magnolia Regional Health Center	0.625	3.9063%	140,625
Merit Health Biloxi	0.625	3.9063%	140,625



MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Fixed Funding Distribution for Level I, II and III Hospitals
January 1, 2023 - June 30, 2023

Trauma Facility	Relative Weight ⁽¹⁾	Distribution Percentage ⁽¹⁾	Fixed Distribution Allocation ⁽²⁾
Merit Health River Oaks	0.625	3.9063%	140,625
Merit Health Wesley	0.625	3.9063%	140,625
OCH Regional Medical Center	0.625	3.9063%	140,625
Rush Foundation Hospital	0.625	3.9063%	140,625
Singing River Hospital - Gulfport	0.625	3.9063%	140,625
Singing River Hospital - Ocean Springs	0.625	3.9063%	140,625
Singing River Hospital - Pascagoula	0.625	3.9063%	140,625
South Central Regional Medical Center	0.625	3.9063%	140,625
Level III Hospital Totals⁽³⁾	9.375	58.5938%	2,109,375
Level I - III Hospital Totals⁽³⁾	16.000	100.0%	3,600,000

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⁾

January 1, 2023 - June 30, 2023

Trauma Facility	A 1-9	Severity ⁽²⁾	B 10-15	Severity ⁽²⁾	C 16-24	Severity ⁽²⁾	D >24	Severity ⁽²⁾	A - D	Severity Totals ⁽²⁾	Severity Percentage
Level I:											
Le Bonheur Children's Hospital	177	180.54	28	56.56	16	60.80	8	52.56	229	350.46	2.309%
University of Mississippi Medical Center	1,618	1,650.36	428	864.56	276	1,048.80	199	1,307.43	2,521	4,871.15	32.099%
University of South Alabama Medical Center	179	182.58	37	74.74	37	140.60	36	236.52	289	634.44	4.181%
Regional One Medical Center - Memphis	392	399.84	109	220.18	77	292.60	49	321.93	627	1,234.55	8.135%
Level II:											
Memorial Hospital - Gulfport	279	284.58	56	113.12	18	68.40	23	151.11	376	617.21	4.067%
North Mississippi Medical Center - Tupelo	534	544.68	148	298.96	37	140.60	25	164.25	744	1,148.49	7.568%
Forrest General Hospital	693	706.86	88	177.76	59	224.20	36	236.52	876	1,345.34	8.865%
Level III:											
Anderson Regional Medical Center	118	120.36	29	58.58	20	76.00	14	91.98	181	346.92	2.286%
Baptist Memorial Hospital - Desoto	380	387.60	31	62.62	15	57.00	5	32.85	431	540.07	3.559%
Baptist Memorial Hospital - Golden Triangle	347	353.94	29	58.58	7	26.60	0	-	383	439.12	2.894%
Baptist Memorial Hospital - North Mississippi	349	355.98	34	68.68	5	19.00	7	45.99	395	489.65	3.227%
Delta Regional Medical Center	170	173.40	16	32.32	9	34.20	7	45.99	202	285.91	1.884%
Magnolia Regional Health Center	161	164.22	29	58.58	12	45.60	4	26.28	206	294.68	1.942%
Merit Health Biloxi	81	82.62	19	38.38	11	41.80	7	45.99	118	208.79	1.376%
Merit Health River Oaks	80	81.60	6	12.12	2	7.60	0	-	88	101.32	0.668%
Merit Health Wesley	61	62.22	8	16.16	1	3.80	1	6.57	71	88.75	0.585%
OCH Regional Medical Center	114	116.28	15	30.30	4	15.20	0	-	133	161.78	1.066%
Rush Foundation Hospital	89	90.78	29	58.58	12	45.60	10	65.70	140	260.66	1.718%
Singing River Hospital - Gulfport	220	224.40	15	30.30	2	7.60	20	131.40	257	393.70	2.594%
Singing River Hospital - Ocean Springs	345	351.90	35	70.70	10	38.00	27	177.39	417	637.99	4.204%
Singing River Hospital - Pascagoula	340	346.80	24	48.48	8	30.40	7	45.99	379	471.67	3.108%
South Central Regional Medical Center	158	161.16	27	54.54	8	30.40	1	6.57	194	252.67	1.665%
Totals⁽³⁾	6,885	7,022.70	1,240	2,504.80	646	2,454.80	486	3,193.02	9,257	15,175.32	100.00%

MISSISSIPPI STATE DEPARTMENT OF HEALTH**Trauma Care Trust Fund****Injury Severity Score Summary for Level I, II and III Hospitals ⁽¹⁾****January 1, 2023 - June 30, 2023****Notes**

- (1) Based on injury severity scores for patients in the trauma registry during the period January 1, 2023 through June 30, 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) Percentages in this report may contain rounding differences.

MISSISSIPPI STATE DEPARTMENT OF HEALTH

Trauma Care Trust Fund

Burn Center Distribution ⁽¹⁾

January 1, 2023 - June 30, 2023

Burn Center	Patient Count ⁽²⁾	Allocation Percentage	Distribution Payment
University of Mississippi Medical Center - The Mississippi Burn Center	201	75.85%	\$ 455,094
Regional One Health Firefighters Burn Center	64	24.15%	144,906
Totals ⁽³⁾	265	100.00%	\$600,000

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 January 1, 2023 through June 30, 2023 for Regional One Health Firefighters Burn Center and March 1, 2023 through June 30, 2023 for University of Mississippi Medical Center - The Mississippi Burn Center, as provided by ACS.
- (3) Percentages in this report may contain rounding differences.

MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Administration Expenses Distribution ⁽¹⁾
January 1, 2023 - June 30, 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 January 1, 2023 - June 30, 2023 distribution period.



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