



MISSISSIPPI STATE DEPARTMENT OF HEALTH

TRAUMA CARE TRUST FUND DISTRIBUTION

January 1, 2022 through June 30, 2022

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, 2022. 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, 2022.

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April 19, 2023

Mr. David B. Hall, MA, NRP, CHP
Director, Office of EMS and Acute Care Systems
State EMS Director
Mississippi State Department of Health
310 Airport Road South, Suite B
Pearl, Mississippi 39208

Re: Trauma Care Trust Fund Distribution

Dear Mr. Hall:

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, 2022, 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, 2022, 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.

Mr. David B. Hall, MA, NRP, CHP
Director, Office of EMS and Acute Care Systems
State EMS Director
Mississippi State Department of Health
April 19, 2023
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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

1241386

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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, 2022.

Summary of Net Total Available for Administration and Distribution

2 nd Subgrant Administration & Education Payment Fiscal Year 2023 ²	\$ 550,000
Level I – Level III Fixed Distribution Total	4,275,000
Level I – Level III Variable Distribution Total	7,125,000
Level IV Administration Support ³	N/A
Burn Fund	712,500
EMS Component Distribution Total	2,137,500
Net Total Available for Administration and Distribution	\$ 14,800,000

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. The annual stipend for fiscal year 2023 (July 1, 2022 through June 30, 2023) was paid in the 1st Trauma Care Trust Fund Distribution for the fiscal year. We have noted that the annual stipend for the fiscal year 2023 only includes 62 Level IV Trauma Centers, as there were two hospitals which re-opened in the fall of 2021 – Delta Health Highland Hills and Quitman Community Hospital.

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 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 January 1, 2022, through June 30, 2022 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, 2022, 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 Health – Memphis, TN
 University of Mississippi Medical
 Center – Jackson, MS
 USA Health University (University of
 South Alabama Health Hospital) –
 Mobile, AL

Level II (3 Hospitals)

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

Level III (16 Hospitals)

Anderson Regional Medical Center
 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 Central
 Merit Health River Oaks
 Merit Health Wesley
 OCH Regional Medical Center
 Rush Foundation Hospital
 Singing River Hospital – Gulfport
 Singing River Hospital – Pascagoula
 Singing River Hospital – Ocean
 Springs
 South Central Regional Medical
 Center

Level IV (64 Hospitals)

Alliance Healthcare
 Baptist Medical Center – Attala
 Baptist Memorial Hospital –Booneville
 Baptist Memorial Hospital –Calhoun

Baptist Memorial Hospital – Leake
 Baptist Memorial Hospital –Union
 County
 Baptist Memorial Hospital – Yazoo
 City
 Bolivar Medical Center
 Choctaw Regional Medical Center
 Claiborne County Hospital
 Copiah County Medical Center
 Covington County Hospital
 Delta Health Highland Hills (formerly
 Senatobia Community Hospital –
 Tate)**
 Delta Health - Northwest Regional
 (formerly - Merit Health Northwest
 Mississippi)
 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
 Laird Hospital
 Lawrence County Hospital
 Magee General Hospital
 Marion General Hospital
 Memorial Hospital at Stone County
 Merit Health Madison
 Merit Health Natchez
 Merit Health Rankin
 Merit Health River Region
 Methodist Healthcare – Olive Branch
 Hospital
 Mississippi Baptist Medical Center*
 Monroe Regional Hospital
 Neshoba County General Hospital
 North Mississippi Medical Center
 Eupora
 North Mississippi Medical Center –
 Gilmore

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 Hospital and Clinics –
 Holmes County
 Walthall County General Hospital
 Wayne General Hospital
 Winston Medical Center

*Burn Center Designation
 (2 Hospitals)*

J.M. Still Burn Center at Merit Health
 Central
 Regional One Health Firefighters Burn
 Center – Memphis, TN

*Non-Designated
 (1 Hospital)*

Jefferson County Hospital

*Mississippi Baptist Medical Center – Jackson, MS 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.
 **Delta Health Highland Hills and Quitman Community Hospital re-opened in the fall of 2021.

APPENDIX C - SCHEDULES



MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Distribution Summary
January 1, 2022 - June 30, 2022

	Notes		
Total Funds Available in the Trauma Care Trust Fund	(1)	\$ 14,800,000	
2nd Subgrant Administration & Education Payment Fiscal Year 2023	(2)	<u>550,000</u>	
Total to be Distributed to Hospitals	(3)	14,250,000	
Level IV Administration Support	(4)	<u>N/A</u>	
Net Total Available for Distribution to Hospitals		<u>\$ 14,250,000</u>	

Summary of Net Total Available for Administration and Distribution

2nd Subgrant Administration & Education Payment Fiscal Year 2023	(2)	\$ 550,000	
Levels I - III: Hospital Fixed Distribution Total	(5)	4,275,000	30%
Levels I - III: Hospital Variable Distribution Total	(5)	7,125,000	50%
Level IV Administration Support	(4)	N/A	N/A
Burn Fund	(5)	712,500	5%
EMS Component Distribution Total	(6)	<u>2,137,500</u>	15%
Total Funds Available in the Trauma Care Trust Fund		<u>\$ 14,800,000</u>	

MISSISSIPPI STATE DEPARTMENT OF HEALTH

Trauma Care Trust Fund

Distribution Summary

January 1, 2022 - June 30, 2022

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, 2022.
- (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 62 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, 2021 through June 30, 2022 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, 2022 - June 30, 2022

	Notes		
Census	(1)		2,961,279
EMS Component Distribution Total	(2)	\$ 2,137,500	
EMS Enhanced Reimbursement Program Match	(3)	800,000	
Remaining to be distributed to the counties			\$ 1,337,500
Small County Per Capita Portion	(4)	8.5808%	114,768
Small County Dedicated Portion	(5)	4.3767%	58,538
Total EMS Component Funds for Small Counties (<15,000 pop.)			173,306
Total Number of Small Counties			26
Lump Sum per Small County			6,666
Total EMS Component Funds for Large Counties (>14,999 pop.)	(6)		1,164,194

County	Population	Population Percentage	EMS Distribution
Small Counties (<15,000 pop.):			
Issaquena	1,338	0.0452%	\$ 6,666
Sharkey	3,800	0.1283%	6,666
Jefferson	7,260	0.2452%	6,666
Franklin	7,675	0.2592%	6,666
Quitman	6,176	0.2086%	6,666
Choctaw	8,246	0.2785%	6,666
Benton	7,646	0.2582%	6,666
Humphreys	7,785	0.2629%	6,666
Claiborne	9,135	0.3085%	6,666
Wilkinson	8,587	0.2900%	6,666
Webster	9,926	0.3352%	6,666
Kemper	8,988	0.3035%	6,666

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Funding Model for Medicaid Component
 January 1, 2022 - June 30, 2022

County	Population	Population Percentage	EMS Distribution
Carroll	9,998	0.3376%	6,666
Tunica	9,782	0.3303%	6,666
Montgomery	9,822	0.3317%	6,666
Noxubee	10,285	0.3473%	6,666
Perry	11,511	0.3887%	6,666
Jefferson Davis	11,321	0.3823%	6,666
Yalobusha	12,481	0.4215%	6,666
Lawrence	12,016	0.4058%	6,666
Amite	12,720	0.4295%	6,666
Greene	13,530	0.4569%	6,666
Calhoun	13,266	0.4480%	6,666
Tallahatchie	12,715	0.4294%	6,666
Walthall	13,884	0.4689%	6,666
Smith	14,209	0.4798%	6,666
Large Counties (>14,999 pop.):			
Clarke	15,615	0.5273%	6,714
Jasper	16,367	0.5527%	7,038
Chickasaw	17,106	0.5777%	7,356
Stone	18,333	0.6191%	7,883
Winston	17,714	0.5982%	7,617
Holmes	17,000	0.5741%	7,310
Attala	17,889	0.6041%	7,692
Covington	18,340	0.6193%	7,886
Tishomingo	18,850	0.6365%	8,106
Clay	18,636	0.6293%	8,014
Wayne	19,779	0.6679%	8,506

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Funding Model for Medicaid Component
 January 1, 2022 - June 30, 2022

County	Population	Population Percentage	EMS Distribution
Leake	21,275	0.7184%	9,149
Newton	21,291	0.7190%	9,156
Coahoma	21,390	0.7223%	9,199
Grenada	21,629	0.7304%	9,301
Tippah	21,815	0.7367%	9,381
Itawamba	23,863	0.8058%	10,262
George	24,350	0.8223%	10,471
Marion	24,441	0.8254%	10,511
Prentiss	25,008	0.8445%	10,754
Simpson	25,949	0.8763%	11,159
Sunflower	25,971	0.8770%	11,168
Yazoo	26,743	0.9031%	11,501
Union	27,777	0.9380%	11,945
Scott	27,990	0.9452%	12,037
Tate	28,064	0.9477%	12,069
Leflore	28,339	0.9570%	12,187
Copiah	28,368	0.9580%	12,199
Neshoba	29,087	0.9822%	12,508
Adams	29,538	0.9975%	12,703
Bolivar	30,985	1.0463%	13,324
Pontotoc	31,184	1.0531%	13,410
Panola	33,208	1.1214%	14,281
Marshall	33,752	1.1398%	14,515
Monroe	34,180	1.1542%	14,698
Alcorn	34,740	1.1731%	14,939
Lincoln	34,907	1.1788%	15,011



MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Funding Model for Medicaid Component
January 1, 2022 - June 30, 2022

County	Population	Population Percentage	Revised Distribution ⁽⁴⁾
Pike	40,324	1.3617%	17,341
Warren	44,722	1.5102%	19,232
Washington	44,922	1.5170%	19,318
Hancock	46,053	1.5552%	19,805
Oktoberfest	51,788	1.7488%	22,271
Lafayette	55,813	1.8848%	24,002
Pearl River	56,145	1.8960%	24,145
Lowndes	58,879	1.9883%	25,320
Lamar	64,222	2.1687%	27,618
Jones	67,246	2.2708%	28,918
Lauderdale	72,984	2.4646%	31,386
Forrest	78,158	2.6393%	33,611
Lee	83,343	2.8144%	35,841
Madison	109,145	3.6857%	46,937
Jackson	143,252	4.8375%	61,604
Rankin	157,031	5.3028%	67,530
DeSoto	185,314	6.2579%	79,692
Harrison	208,621	7.0450%	89,715
Hinds	227,742	7.6907%	97,938
Totals ⁽⁷⁾	2,961,279	100%	\$ 1,337,500

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 \$1,600,000. \$800,000 is estimated to be matched in each FY2022 distribution period; therefore, \$800,000 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, 2022 through June 30, 2022.
- (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, 2022 - June 30, 2022

Trauma Facility	Fixed Amount ⁽¹⁾	Variable Amount ⁽²⁾	Total	Physician Payment ⁽³⁾
Level I:				
Le Bonheur Children's Hospital	\$257,141	\$69,753	\$326,894	\$98,068
Regional One Health	257,141	580,117	837,258	251,177
University of Mississippi Medical Center	257,141	2,016,588	2,273,729	682,119
USA Health University (University of South Alabama Health Hospital)	257,141	375,914	633,055	189,917
Level II:				
Forrest General Hospital	225,004	549,053	774,057	232,216
Memorial Hospital of Gulfport	225,004	293,265	518,269	155,480
North Mississippi Medical Center - Tupelo	225,004	648,945	873,949	262,184
Level III:				
Anderson Regional Medical Center	160,714	153,615	314,329	94,299
Baptist Memorial Hospital - Desoto	160,714	262,271	422,985	126,896
Baptist Memorial Hospital - Golden Triangle	160,714	175,560	336,274	100,882
Baptist Memorial Hospital - North Mississippi	160,714	243,533	404,247	121,274
Delta Regional Medical Center	160,714	135,233	295,947	88,784
Magnolia Regional Health Center	160,714	131,741	292,455	87,737
Merit Health Biloxi	160,714	83,933	244,647	73,394
Merit Health Central	160,714	54,008	214,722	64,417
Merit Health River Oaks	160,714	47,880	208,594	62,578
Merit Health Wesley	160,714	56,145	216,859	65,058
OCH Regional Medical Center	160,714	50,231	210,945	63,284
Rush Foundation Hospital	160,714	139,864	300,578	90,173
Singing River Hospital - Gulfport	160,714	373,493	534,207	160,262
Singing River Hospital - Ocean Springs	160,714	273,885	434,599	130,380
Singing River Hospital - Pascagoula	160,714	275,168	435,882	130,765
South Central Regional Medical Center	160,714	134,805	295,519	88,656
Totals ⁽⁴⁾	\$4,275,000	\$7,125,000	\$11,400,000	\$3,420,000

MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Level I - III Hospital Distribution
January 1, 2022 - June 30, 2022

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, 2022 - June 30, 2022



Hospital Fixed Distribution Total	\$	4,275,000
Level I Hospital Allocation		1,028,564
Level II Hospital Allocation		675,012
Level III Hospital Allocation		2,571,424

Trauma Facility	Relative Weight ⁽¹⁾	Distribution Percentage ⁽¹⁾	Fixed Distribution Allocation ⁽²⁾
Level I:			
Le Bonheur Children's Hospital	1.000	6.0150%	\$257,141
Regional One Health	1.000	6.0150%	257,141
University of Mississippi Medical Center	1.000	6.0150%	257,141
USA Health University (University of South Alabama Health Hospital)	1.000	6.0150%	257,141
Level I Hospital Totals⁽³⁾	4.000	24.0600%	1,028,564
Level II:			
Forrest General Hospital	0.875	5.2632%	225,004
Memorial Hospital of Gulfport	0.875	5.2632%	225,004
North Mississippi Medical Center - Tupelo	0.875	5.2632%	225,004
Level II Hospital Totals⁽³⁾	2.625	15.7896%	675,012
Level III:			
Anderson Regional Medical Center	0.625	3.7594%	160,714
Baptist Memorial Hospital - Desoto	0.625	3.7594%	160,714
Baptist Memorial Hospital - Golden Triangle	0.625	3.7594%	160,714
Baptist Memorial Hospital - North Mississippi	0.625	3.7594%	160,714
Delta Regional Medical Center	0.625	3.7594%	160,714
Magnolia Regional Health Center	0.625	3.7594%	160,714
Merit Health Biloxi	0.625	3.7594%	160,714



MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Fixed Funding Distribution for Level I, II and III Hospitals
 January 1, 2022 - June 30, 2022

Trauma Facility	Relative Weight ⁽¹⁾	Distribution Percentage ⁽¹⁾	Fixed Distribution Allocation ⁽²⁾
Merit Health Central	0.625	3.7594%	160,714
Merit Health River Oaks	0.625	3.7594%	160,714
Merit Health Wesley	0.625	3.7594%	160,714
OCH Regional Medical Center	0.625	3.7594%	160,714
Rush Foundation Hospital	0.625	3.7594%	160,714
Singing River Hospital - Gulfport	0.625	3.7594%	160,714
Singing River Hospital - Ocean Springs	0.625	3.7594%	160,714
Singing River Hospital - Pascagoula	0.625	3.7594%	160,714
South Central Regional Medical Center	0.625	3.7594%	160,714
Level III Hospital Totals ⁽³⁾	10.000	60.1504%	2,571,424
Level I - III Hospital Totals ⁽³⁾	16.625	100.0%	4,275,000

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, 2022 - June 30, 2022

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	80	81.60	9	18.18	9	34.20	2	13.14	1	101	147.12	0.979%
Regional One Health	352	359.04	82	165.64	87	330.60	56	367.92	0	577	1,223.20	8.142%
University of Mississippi Medical Center	1576	1,607.52	357	721.14	226	858.80	162	1,064.34	3	2,324	4,251.80	28.303%
USA Health University (University of South Alabama Health Hospital)	134	136.68	61	123.22	52	197.60	51	335.07	0	298	792.57	5.276%
Level II:												
Forrest General Hospital	506	516.12	96	193.92	59	224.20	34	223.38	0	695	1,157.62	7.706%
Memorial Hospital of Gulfport	233	237.66	55	111.10	26	98.80	26	170.82	0	340	618.38	4.116%
North Mississippi Medical Center - Tupelo	504	514.08	145	292.90	63	239.40	49	321.93	0	761	1,368.31	9.108%
Level III:												
Anderson Regional Medical Center	148	150.96	38	76.76	8	30.40	10	65.70	0	204	323.82	2.156%
Baptist Memorial Hospital - Desoto	379	386.58	37	74.74	12	45.60	7	45.99	0	435	552.91	3.681%
Baptist Memorial Hospital - Golden Triangle	296	301.92	23	46.46	4	15.20	1	6.57	11	335	370.15	2.464%
Baptist Memorial Hospital - North Mississippi	379	386.58	25	50.50	8	30.40	7	45.99	0	419	513.47	3.418%
Delta Regional Medical Center	169	172.38	26	52.52	2	7.60	8	52.56	0	205	285.06	1.898%
Magnolia Regional Health Center	127	129.54	28	56.56	12	45.60	7	45.99	0	174	277.69	1.849%
Merit Health Biloxi	85	86.70	6	12.12	5	19.00	9	59.13	0	105	176.95	1.178%
Merit Health Central	69	70.38	8	16.16	2	7.60	3	19.71	0	82	113.85	0.758%
Merit Health River Oaks	70	71.40	2	4.04	5	19.00	1	6.57	0	78	101.01	0.672%
Merit Health Wesley	89	90.78	8	16.16	3	11.40	0	-	0	100	118.34	0.788%
OCH Regional Medical Center	79	80.58	5	10.10	4	15.20	0	-	0	88	105.88	0.705%
Rush Foundation Hospital	130	132.60	16	32.32	10	38.00	14	91.98	0	170	294.90	1.963%
Singing River Hospital - Gulfport	178	181.56	16	32.32	4	15.20	85	558.45	0	283	787.53	5.242%
Singing River Hospital - Ocean Springs	202	206.04	30	60.60	4	15.20	45	295.65	0	281	577.49	3.844%
Singing River Hospital - Pascagoula	263	268.26	25	50.50	10	38.00	34	223.38	0	332	580.14	3.862%
South Central Regional Medical Center	153	156.06	33	66.66	11	41.80	3	19.71	2	202	284.23	1.892%
Totals⁽³⁾	6,201	6,325.02	1,131	2,284.62	626	2,378.80	614	4,033.98	17	8,589	15,022.42	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, 2022 - June 30, 2022

Notes

(1) Based on injury severity scores for patients in the trauma registry during the period January 1, 2022 through June 30, 2022 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, 2022 - June 30, 2022

Burn Center	Patient Count ⁽²⁾	Allocation Percentage	Distribution Payment
J.M. Still Burn Center at Merit Health Central	184	82.88%	\$ 590,520
Regional One Health Firefighters Burn Center	38	17.12%	121,980
Totals⁽³⁾	222	100.00%	\$712,500

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, 2022 through June 30, 2022, 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, 2022 - June 30, 2022

Mississippi Trauma Care System Foundation Administration Expenses

Administration Expenses	\$ 325,000
Educational Expenses	<u>225,000</u>
Total Foundation Administration Expenses	<u>\$ 550,000</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, 2022 - June 30, 2022 distribution period.



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