



# MISSISSIPPI STATE DEPARTMENT OF HEALTH

TRAUMA CARE TRUST FUND DISTRIBUTION

July 1, 2021 through December 31, 2021

## 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, 2021. 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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November 8, 2022

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;<sup>1</sup> 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, 2021, for purposes of documentation of compliance with the Mississippi Trauma Care Trust Fund Distribution Policy.

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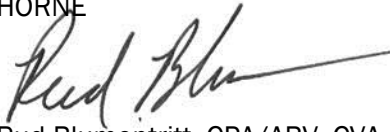
<sup>1</sup> As of December 19, 2020, the Trauma Rules and Regulations were revised to allocate a portion of the EMS component of this present distribution to be paid to the Division of Medicaid to support the Emergency Ground Ambulance Reimbursement Program. Funds remaining from said EMS portion after 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  
November 8, 2022  
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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

1222779

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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, 2021.

### Summary of Net Total Available for Administration and Distribution

1 <sup>st</sup> Subgrant Administration & Education Payment Fiscal Year 2023 <sup>2</sup>	\$ 550,000
Level I – Level III Fixed Distribution Total	3,414,000
Level I – Level III Variable Distribution Total	5,690,000
Level IV Administration Support <sup>3</sup>	620,000
Burn Fund	569,000
EMS Component Distribution Total	1,707,000
<b>Net Total Available for Administration and Distribution</b>	<b>\$ 12,550,000</b>

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.

<sup>2</sup> 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.

<sup>3</sup> 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. This is the annual stipend for fiscal year 2023 (July 1, 2022 through June 30, 2023).

## 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.<sup>4</sup>

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.<sup>5</sup>

### **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,<sup>6</sup> an allocation of the fund balance is available for distribution to eligible trauma centers<sup>7</sup> 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.

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

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

<sup>6</sup> Rule 1.3.5, Miss. Code Ann. §41-59-5.

<sup>7</sup> 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.<sup>8</sup>

### 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:<sup>9</sup>

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<sup>8</sup> Rule 1.3.5, Miss. Code Ann. §41-59-75.

<sup>9</sup> 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:<sup>10</sup>

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.

<sup>10</sup> 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](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, 2021, through December 31, 2021 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, 2021, 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  
 Mississippi  
 Delta Regional Medical Center  
 Garden Park Medical Center  
 Magnolia Regional Health Center  
 Merit Health Biloxi  
 Merit Health Central  
 Merit Health River Oaks  
 Merit Health Wesley  
 Ocean Springs Hospital  
 OCH Regional Medical Center  
 Rush Foundation Hospital  
 Singing River Hospital  
 South Central Regional Medical  
 Center

*Level IV (62 Hospitals)*

Alliance Healthcare  
 Baptist Medical Center – Attala  
 Baptist Medical Center – Leake  
 Baptist Medical Center – Yazoo City  
 Baptist Memorial Hospital Booneville  
 Baptist Memorial Hospital Calhoun  
 Baptist Memorial Hospital Union  
 County  
 Bolivar Medical Center  
 Choctaw Regional Medical Center  
 Claiborne County Hospital  
 Copiah County Medical Center  
 Covington County Hospital  
 Field Health System  
 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  
 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-Amory  
 North Mississippi Medical Center Iuka

North Mississippi Medical Center  
 Pontotoc  
 North Mississippi Medical Center  
 West Point  
 North Sunflower Medical Center  
 Northwest Mississippi Medical Center  
 Noxubee General Critical Access  
 Hospital  
 Ochsner Medical Center – Hancock  
 Panola Medical Center  
 Pearl River County Hospital & Nursing  
 Home  
 Perry County General Hospital  
 S.E. Lackey Memorial Hospital  
 Scott Regional Hospital  
 Sharkey Issaquena Community  
 Hospital  
 Simpson General Hospital  
 South Sunflower County Hospital  
 Southwest Mississippi Regional  
 Medical Center  
 St. Dominic Jackson Memorial  
 Hospital\*  
 Memorial Hospital at Stone County  
 Tallahatchie General Hospital  
 Tippah County Hospital  
 Tyler Holmes Memorial Hospital  
 University of Mississippi Medical  
 Center Grenada  
 University Hospital and Clinics –  
 Holmes County  
 Walthall 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.

APPENDIX C - SCHEDULES

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
 Trauma Care Trust Fund  
 Distribution Summary  
 July 1, 2021 - December 31, 2021

	Notes		
Total Funds Available in the Trauma Care Trust Fund	(1)	\$ 12,550,000	
1st Subgrant Administration & Education Payment Fiscal Year 2023	(2)	550,000	
<b>Total Amount to be Distributed</b>	<b>(3)</b>	<b>\$ 12,000,000</b>	
Level IV Administration Support	(4)	620,000	
<b>Net Total Available for Distribution</b>		<b>\$ 11,380,000</b>	
<b>Summary of Net Total Available for Administration and Distribution</b>			
1st Subgrant Administration & Education Payment Fiscal Year 2023	(2)	\$ 550,000	
Levels I - III: Hospital Fixed Distribution Total	(5)	3,414,000	30%
Levels I - III: Hospital Variable Distribution Total	(5)	5,690,000	50%
Level IV Administration Support	(4)	620,000	N/A
Burn Fund	(5)	569,000	5%
EMS Component Distribution Total	(6)	1,707,000	15%
<b>Total Funds Available in the Trauma Care Trust Fund</b>		<b>\$ 12,550,000</b>	

MISSISSIPPI STATE DEPARTMENT OF HEALTH

Trauma Care Trust Fund

Distribution Summary

July 1, 2021 - December 31, 2021

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, 2021.
- (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.
- (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 Ground Ambulance Reimbursement Program.



MISSISSIPPI STATE DEPARTMENT OF HEALTH  
 Trauma Care Trust Fund  
 Funding Model for Medicaid Component  
 July 1, 2021 - December 31, 2021

	Notes		
Census	(1)		2,961,279
EMS Component Distribution Total	(2)	\$ 1,707,000	
EMS Enhanced Reimbursement Program Match	(3)	800,000	
Remaining to be distributed to the counties			\$ 907,000
Small County Per Capita Portion	(4)	8.5808%	77,828
Small County Dedicated Portion	(5)	4.3370%	39,337
Total EMS Component Funds for Small Counties (<15,000 pop.)			117,165
Total Number of Small Counties			26
Lump Sum per Small County			4,506
Total EMS Component Funds for Large Counties (>14,999 pop.)	(6)		789,835

County	Population	Population Percentage	EMS Distribution
<b>Small Counties (&lt;15,000 pop.):</b>			
Issaquena	1,338	0.0452%	\$ 4,506
Sharkey	3,800	0.1283%	4,506
Jefferson	7,260	0.2452%	4,506
Franklin	7,675	0.2592%	4,506
Quitman	6,176	0.2086%	4,506
Choctaw	8,246	0.2785%	4,506
Benton	7,646	0.2582%	4,506
Humphreys	7,785	0.2629%	4,506
Claiborne	9,135	0.3085%	4,506
Wilkinson	8,587	0.2900%	4,506
Webster	9,926	0.3352%	4,506
Kemper	8,988	0.3035%	4,506



MISSISSIPPI STATE DEPARTMENT OF HEALTH  
 Trauma Care Trust Fund  
 Funding Model for Medicaid Component  
 July 1, 2021 - December 31, 2021

County	Population	Population Percentage	EMS Distribution
Carroll	9,998	0.3376%	4,506
Tunica	9,782	0.3303%	4,506
Montgomery	9,822	0.3317%	4,506
Noxubee	10,285	0.3473%	4,506
Perry	11,511	0.3887%	4,506
Jefferson Davis	11,321	0.3823%	4,506
Yalobusha	12,481	0.4215%	4,506
Lawrence	12,016	0.4058%	4,506
Amite	12,720	0.4295%	4,506
Greene	13,530	0.4569%	4,506
Calhoun	13,266	0.4480%	4,506
Tallahatchie	12,715	0.4294%	4,506
Walthall	13,884	0.4689%	4,506
Smith	14,209	0.4798%	4,506

County	Population	Population Percentage	Revised Distribution <sup>(4)</sup>
<b>Large Counties (&gt;14,999 pop.):</b>			
Clarke	15,615	0.5273%	4,557
Jasper	16,367	0.5527%	4,776
Chickasaw	17,106	0.5777%	4,992
Stone	18,333	0.6191%	5,350
Winston	17,714	0.5982%	5,169
Holmes	17,000	0.5741%	4,961
Attala	17,889	0.6041%	5,220
Covington	18,340	0.6193%	5,352
Tishomingo	18,850	0.6365%	5,500
Clay	18,636	0.6293%	5,438
Wayne	19,779	0.6679%	5,771

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
 Trauma Care Trust Fund  
 Funding Model for Medicaid Component  
 July 1, 2021 - December 31, 2021

County	Population	Population Percentage	EMS Distribution
Leake	21,275	0.7184%	6,207
Newton	21,291	0.7190%	6,212
Coahoma	21,390	0.7223%	6,241
Grenada	21,629	0.7304%	6,310
Tippah	21,815	0.7367%	6,365
Itawamba	23,863	0.8058%	6,962
George	24,350	0.8223%	7,104
Marion	24,441	0.8254%	7,131
Prentiss	25,008	0.8445%	7,296
Simpson	25,949	0.8763%	7,571
Sunflower	25,971	0.8770%	7,577
Yazoo	26,743	0.9031%	7,802
Union	27,777	0.9380%	8,104
Scott	27,990	0.9452%	8,166
Tate	28,064	0.9477%	8,188
Leflore	28,339	0.9570%	8,268
Copiah	28,368	0.9580%	8,277
Neshoba	29,087	0.9822%	8,486
Adams	29,538	0.9975%	8,618

County	Population	Population Percentage	Revised Distribution <sup>(4)</sup>
Bolivar	30,985	1.0463%	9,040
Pontotoc	31,184	1.0531%	9,098
Panola	33,208	1.1214%	9,689
Marshall	33,752	1.1398%	9,847
Monroe	34,180	1.1542%	9,972
Alcorn	34,740	1.1731%	10,136
Lincoln	34,907	1.1788%	10,184

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
 Trauma Care Trust Fund  
 Funding Model for Medicaid Component  
 July 1, 2021 - December 31, 2021

County	Population	Population Percentage	Revised Distribution <sup>(4)</sup>
Pike	40,324	1.3617%	11,765
Warren	44,722	1.5102%	13,048
Washington	44,922	1.5170%	13,106
Hancock	46,053	1.5552%	13,436

County	Population	Population Percentage	EMS Distribution
Oktibbeha	51,788	1.7488%	15,109
Lafayette	55,813	1.8848%	16,284
Pearl River	56,145	1.8960%	16,381
Lowndes	58,879	1.9883%	17,178
Lamar	64,222	2.1687%	18,737
Jones	67,246	2.2708%	19,619
Lauderdale	72,984	2.4646%	21,294
Forrest	78,158	2.6393%	22,803
Lee	83,343	2.8144%	24,316
Madison	109,145	3.6857%	31,844
Jackson	143,252	4.8375%	41,795
Rankin	157,031	5.3028%	45,815
DeSoto	185,314	6.2579%	54,066
Harrison	208,621	7.0450%	60,866
Hinds	227,742	7.6907%	66,445
<b>Totals <sup>(7)</sup></b>	<b>2,961,279</b>	<b>106%</b>	<b>\$ 907,000</b>

MISSISSIPPI STATE DEPARTMENT OF HEALTH

Trauma Care Trust Fund

Funding Model for Medicaid Component

July 1, 2021 - December 31, 2021

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**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 July 1, 2021 through December 31, 2021.
- (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, 2021 - December 31, 2021

Trauma Facility	Fixed Amount <sup>(1)</sup>	Variable Amount <sup>(2)</sup>	Total	Physician Payment <sup>(3)</sup>
<b>Level I:</b>				
Le Bonheur Children's Hospital	\$205,352	\$144,299	\$349,651	\$104,895
Regional One Health	205,352	451,628	656,980	197,094
University of Mississippi Medical Center	205,352	1,887,118	2,092,470	627,741
USA Health University	205,352	227,851	433,203	129,961
<b>Level II:</b>				
Forrest General Hospital	179,685	506,178	685,863	205,759
Memorial Hospital at Gulfport	179,685	207,703	387,388	116,216
North Mississippi Medical Center - Tupelo	179,685	534,150	713,835	214,151
<b>Level III:</b>				
Anderson Regional Medical Center	128,346	132,258	260,604	78,181
Baptist Memorial Hospital - Desoto	128,346	221,569	349,915	104,975
Baptist Memorial Hospital - Golden Triangle	128,346	155,445	283,791	85,137
Baptist Memorial Hospital - North Mississippi	128,346	168,327	296,673	89,002
Delta Regional Medical Center	128,346	81,731	210,077	63,023
Garden Park Medical Center (Singing River Hospital - Gulfport)	128,346	92,309	220,655	66,197
Magnolia Regional HealthCenter	128,346	148,947	277,293	83,188
Merit Health Biloxi	128,346	71,848	200,194	60,058
Merit Health Central	128,346	54,578	182,924	54,877
Merit Health River Oaks	128,346	44,285	172,631	51,789
Merit Health Wesley	128,346	45,486	173,832	52,150
Ocean Springs Hospital (Singing River Hospital - Ocean Springs)	128,346	99,154	227,500	68,250
OCH Regional Medical Center	128,346	54,214	182,560	54,768
Rush Foundation Hospital	128,346	89,037	217,383	65,215
Singing River Hospital	128,346	148,674	277,020	83,106
South Central Regional Medical Center	128,346	123,211	251,557	75,467
<b>Totals <sup>(4)</sup></b>	<b>\$3,414,000</b>	<b>\$5,690,000</b>	<b>\$9,104,000</b>	<b>\$2,731,200</b>

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
Trauma Care Trust Fund  
Level I - III Hospital Distribution  
July 1, 2021 - December 31, 2021

Trauma Facility	Fixed Amount <sup>(1)</sup>	Variable Amount <sup>(2)</sup>	Total	Physician Payment <sup>(3)</sup>
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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, 2021 - December 31, 2021

Hospital Fixed Distribution Total	\$	3,414,000
Level I Hospital Allocation		821,408
Level II Hospital Allocation		539,055
Level III Hospital Allocation		2,053,537

Trauma Facility	Relative Weight <sup>(1)</sup>	Distribution Percentage <sup>(1)</sup>	Fixed Distribution Allocation <sup>(2)</sup>
<b>Level I:</b>			
Le Bonheur Children's Hospital	1.000	6.0150%	\$205,352
Regional One Health	1.000	6.0150%	\$205,352
University of Mississippi Medical Center	1.000	6.0150%	\$205,352
USA Health University	1.000	6.0150%	\$205,352
<b>Level I Hospital Totals<sup>(3)</sup></b>	<b>4.000</b>	<b>24.06%</b>	<b>821,408</b>
<b>Level II:</b>			
Forrest General Hospital	0.875	5.2632%	179,685
Memorial Hospital at Gulfport	0.875	5.2632%	179,685
North Mississippi Medical Center - Tupelo	0.875	5.2632%	179,685
<b>Level II Hospital Totals<sup>(3)</sup></b>	<b>2.625</b>	<b>15.79%</b>	<b>539,055</b>
<b>Level III:</b>			
Anderson Regional Medical Center	0.625	3.7594%	128,346
Baptist Memorial Hospital - Desoto	0.625	3.7594%	128,346
Baptist Memorial Hospital - Golden Triangle	0.625	3.7594%	128,346
Baptist Memorial Hospital - North Mississippi	0.625	3.7594%	128,346
Delta Regional Medical Center	0.625	3.7594%	128,346
Garden Park Medical Center (Singing River Hospital - Gulfport)	0.625	3.7594%	128,346
Magnolia Regional HealthCenter	0.625	3.7594%	128,346

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
 Trauma Care Trust Fund  
 Fixed Funding Distribution for Level I, II and III Hospitals  
 July 1, 2021 - December 31, 2021

Trauma Facility	Relative Weight(1)	Distribution Percentage <sup>(1)</sup>	Fixed Distribution Allocation(2)
Merit Health Biloxi	0.625	3.7594%	128,346
Merit Health Central	0.625	3.7594%	128,346
Merit Health River Oaks	0.625	3.7594%	128,346
Merit Health Wesley	0.625	3.7594%	128,346
Ocean Springs Hospital (Singing River Hospital - Ocean Springs)	0.625	3.7594%	128,346
OCH Regional Medical Center	0.625	3.7594%	128,346
Rush Foundation Hospital	0.625	3.7594%	128,346
Singing River Hospital	0.625	3.7594%	128,346
South Central Regional Medical Center	0.625	3.7594%	128,346
<b>Level III Hospital Totals <sup>(3)</sup></b>	<b>10.000</b>	<b>60.15%</b>	<b>2,053,537</b>
<b>Level I - III Hospital Totals <sup>(3)</sup></b>	<b>16.625</b>	<b>100.0%</b>	<b>3,414,000</b>

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 <sup>(1)</sup>

July 1, 2021 - December 31, 2021

Trauma Facility	A 1-9	Severity <sup>(2)</sup>	B 10-15	Severity <sup>(2)</sup>	C 16-24	Severity <sup>(2)</sup>	D >24	Severity <sup>(2)</sup>	Not Valued	A - D	Severity Totals <sup>(2)</sup>	Severity Percentage
<b>Level I:</b>												
Le Bonheur Children's Hospital	211	215.22	31	62.62	13	49.40	10	65.70	3	268	392.94	2.5360%
Regional One Health	345	351.90	109	220.18	78	296.40	55	361.35	-	587	1,229.83	7.9372%
University of Mississippi Medical Center	1,713	1,747.26	465	939.30	303	1,151.40	198	1,300.86	3	2,682	5,138.82	33.1655%
USA Health University	113	115.26	54	109.08	42	159.60	36	236.52	-	245	620.46	4.0044%
<b>Level II:</b>												
Forrest General Hospital	535	545.70	96	193.92	73	277.40	55	361.35	-	759	1,378.37	8.8959%
Memorial Hospital at Gulfport	230	234.60	41	82.82	29	110.20	21	137.97	-	321	565.59	3.6503%
North Mississippi Medical Center - Tupelo	485	494.70	161	325.22	65	247.00	59	387.63	-	770	1,454.55	9.3875%
<b>Level III:</b>												
Anderson Regional Medical Center	157	160.14	40	80.80	21	79.80	6	39.42	-	224	360.16	2.3244%
Baptist Memorial Hospital - Desoto	418	426.36	25	50.50	16	60.80	10	65.70	-	469	603.36	3.8940%
Baptist Memorial Hospital - Golden Triangle	333	339.66	32	64.64	5	19.00	-	-	31	401	423.30	2.7319%
Baptist Memorial Hospital - North Mississippi	323	329.46	32	64.64	10	38.00	4	26.28	-	369	458.38	2.9583%
Delta Regional Medical Center	121	123.42	20	40.40	12	45.60	2	13.14	2	157	222.56	1.4364%
Garden Park Medical Center (Singing River Hospital - Gulfport)	149	151.98	22	44.44	11	41.80	2	13.14	-	184	251.36	1.6223%
Magnolia Regional HealthCenter	183	186.66	42	84.84	18	68.40	10	65.70	-	253	405.60	2.6177%
Merit Health Biloxi	111	113.22	16	32.32	8	30.40	3	19.71	-	138	195.65	1.2627%
Merit Health Central	84	85.68	12	24.24	5	19.00	3	19.71	-	104	148.63	0.9592%
Merit Health River Oaks	84	85.68	6	12.12	6	22.80	-	-	-	96	120.60	0.7783%
Merit Health Wesley	86	87.72	9	18.18	3	11.40	1	6.57	1	100	123.87	0.7994%
Ocean Springs Hospital (Singing River Hospital - Ocean Springs)	146	148.92	30	60.60	9	34.20	4	26.28	-	189	270.00	1.7426%
OCH Regional Medical Center	86	87.72	17	34.34	5	19.00	1	6.57	1	110	147.63	0.9528%
Rush Foundation Hospital	118	120.36	24	48.48	9	34.20	6	39.42	-	157	242.46	1.5648%
Singing River Hospital	189	192.78	54	109.08	15	57.00	7	45.99	-	265	404.85	2.6129%
South Central Regional Medical Center	133	135.66	30	60.60	28	106.40	5	32.85	-	196	335.51	2.1654%
<b>Totals<sup>(3)</sup></b>	<b>6,353</b>	<b>6,480.06</b>	<b>1,368</b>	<b>2,763.36</b>	<b>784</b>	<b>2,979.20</b>	<b>498</b>	<b>3,271.86</b>	<b>41</b>	<b>9,044</b>	<b>15,494.48</b>	<b>100.00%</b>

MISSISSIPPI STATE DEPARTMENT OF HEALTH

Trauma Care Trust Fund

Injury Severity Score Summary for Level I, II and III Hospitals <sup>(1)</sup>

July 1, 2021 - December 31, 2021

Trauma Facility	A 1-9	Severity <sup>(2)</sup>	B 10-15	Severity <sup>(2)</sup>	C 16-24	Severity <sup>(2)</sup>	D >24	Severity <sup>(2)</sup>	Not Valued	A - D	Severity Totals <sup>(2)</sup>	Severity Percentage
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Notes

(1) Based on injury severity scores for patients in the trauma registry during the period July 1, 2021 through December 31, 2021 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 <sup>(1)</sup>  
 July 1, 2021 - December 31, 2021

Burn Center	Patient Count <sup>(2)</sup>	Allocation Percentage	Distribution Payment
J.M. Still Burn Center at Merit Health Central	180	80.72%	\$ 459,297
Regional One Health Firefighters Burn Center	43	19.28%	109,703
<b>Totals <sup>(3)</sup></b>	<b>223</b>	<b>100.00%</b>	<b>\$569,000</b>

Notes

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- (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, 2021 through December 31, 2021, as provided by ACS.
  - (3) Percentages in this report may contain rounding differences.



MISSISSIPPI STATE DEPARTMENT OF HEALTH  
Trauma Care Trust Fund  
Level IV Administration Support - Annual Stipend  
July 1, 2021 - December 31, 2021

Hospital	County	Fixed Amount
<b>Level IV:</b>		
Alliance Healthcare	Marshall	\$ 10,000
Baptist Medical Center - Attala	Attala	10,000
Baptist Medical Center - Leake	Leake	10,000
Baptist Medical Center - Yazoo City	Yazoo	10,000
Baptist Memorial Hospital Booneville	Prentiss	10,000
Baptist Memorial Hospital Calhoun	Calhoun	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 Hospital	Claiborne	10,000
Copiah County Medical Center	Copiah	10,000
Covington County Hospital	Covington	10,000
Field Health System	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
H. C. Watkins Memorial Hospital	Clarke	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	Lincoln	10,000
Laird Hospital	Newton	10,000
Lawrence County Hospital	Lawrence	10,000
Magee General Hospital	Simpson	10,000
Marion General Hospital	Marion	10,000
Merit Health Madison	Madison	10,000
Merit Health Natchez	Adams	10,000



MISSISSIPPI STATE DEPARTMENT OF HEALTH  
Trauma Care Trust Fund  
Level IV Administration Support - Annual Stipend  
July 1, 2021 - December 31, 2021

Hospital	County	Fixed Amount
Merit Health Rankin	Rankin	10,000
Merit Health River Region	Warren	10,000
Methodist Health Care - Olive Branch Hospital	DeSoto	10,000
Mississippi Baptist Medical Center - Jackson	Hinds	10,000
Monroe Regional Hospital	Monroe	10,000
Neshoba County General Hospital	Neshoba	10,000
North Mississippi Medical Center Eupora	Webster	10,000
North Mississippi Medical Center Gilmore-Amory	Monroe	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
Northwest Mississippi Medical Center	Coahoma	10,000
Noxubee General Critical Access Hospital	Noxubee	10,000
Ochsner Medical Center - Hancock	Hancock	10,000
Panola Medical Center	Panola	10,000
Pearl River County Hospital & Nursing Home	Pearl River	10,000
Perry County General Hospital	Perry	10,000
S.E. Lackey Memorial Hospital	Scott	10,000
Scott 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
Memorial Hospital at Stone County	Stone	10,000
Tallahatchie General Hospital	Tallahatchie	10,000
Tippah County Hospital	Tippah	10,000
Tyler Holmes Memorial Hospital	Montgomery	10,000



MISSISSIPPI STATE DEPARTMENT OF HEALTH  
Trauma Care Trust Fund  
Level IV Administration Support - Annual Stipend  
July 1, 2021 - December 31, 2021

Hospital	County	Fixed Amount
University of MS Medical Center Grenada	Grenada	10,000
University Hospital and Clinics - Holmes County	Holmes	10,000
Walthall General Hospital	Walthall	10,000
Wayne General Hospital	Wayne	10,000
Winston Medical Center	Winston	10,000
Fiscal Year 2022 (July 1, 2021 - June 30, 2022) Level IV Distribution <sup>(1)</sup>		<u>\$ 620,000</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 <sup>(1)</sup>  
July 1, 2021 - December 31, 2021

		Notes
<b>Mississippi Trauma Care System Foundation Administration Expenses</b>		
Administration Expenses	\$	325,000
Educational Expenses		<u>225,000</u>
Total Foundation Administration Expenses	\$	<u><u>550,000</u></u>

Notes

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(1) Calculation provided by MSDH, Bureau of Acute Care Systems ("ACS"). The calculation is based on ACS's calculation effective for the July 1, 2021 - December 31, 2021 distribution period.



**HORNE**