



MISSISSIPPI STATE DEPARTMENT OF HEALTH

TRAUMA CARE TRUST FUND DISTRIBUTION

January 1, 2021 through June 30, 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 June 30, 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, 2021.

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10000 Perkins Rowe, Suite 610
Building G
Baton Rouge, LA 70810

225.755.9798
888.821.0277

HORNE.COM

April 1, 2022

Mr. David B. Hall, MA, NRP
Director, Bureau of Acute Care Systems
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, 2021, 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, 2021 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
Director, Bureau of Acute Care Systems
Mississippi Department of Health
April 1, 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

1172651

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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, 2021.

Summary of Net Total Available for Administration and Distribution

2 nd Subgrant Administration & Education Payment Fiscal Year 2022 ²	\$ 550,000
Level I – Level III Fixed Distribution Total	4,413,530
Level I – Level III Variable Distribution Total	7,355,884
Level IV Administration Support ³	N/A
Burn Fund	735,588
EMS Component Distribution Total	2,206,765
Net Total Available for Administration and Distribution	\$ 15,261,767

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 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 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 2022 (July 1, 2021 through June 30, 2022) 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 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 ISSs 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, 2021 through June 30, 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 June 30, 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 MS
Delta Regional Medical Center
Garden Park Medical Center (Now
Singing River Hospital - Gulfport)
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
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
Jackson*
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 Hospitals 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 are assessed as Level II trauma centers. 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
 January 1, 2021 - June 30, 2021

	Notes	
Total Funds Available in the Trauma Care Trust Fund	(1)	\$ 15,261,767
2nd Subgrant Administration & Education Payment Fiscal Year 2022	(2)	<u>550,000</u>
Total to be Distributed to Hospitals	(3)	14,711,767
Level IV Administration Support	(4)	<u>N/A</u>
Net Total Available for Distribution to Hospitals		<u>\$ 14,711,767</u>

Summary of Net Total Available for Administration and Distribution

2nd Subgrant Administration & Education Payment Fiscal Year 2022	(2)	\$ 550,000	
Levels I - III: Hospital Fixed Distribution Total	(5)	4,413,530	30%
Levels I - III: Hospital Variable Distribution Total	(5)	7,355,884	50%
Level IV Administration Support	(4)	N/A	N/A
Burn Fund	(5)	735,588	5%
EMS Component Distribution Total	(6)	<u>2,206,765</u>	15%
Total Funds Available in the Trauma Care Trust Fund		<u>\$ 15,261,767</u>	

MISSISSIPPI STATE DEPARTMENT OF HEALTH

Trauma Care Trust Fund

Distribution Summary

January 1, 2021 - June 30, 2021

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, 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. The annual stipend for the fiscal year July 1, 2020 through June 30, 2021 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, 2021 - June 30, 2021

	Notes		
Census	(1)		2,967,297
EMS Component Distribution Total	(2)	\$ 2,206,765	
EMS Enhanced Reimbursement Program Match	(3)	49,549	
Remaining to be distributed to the counties			\$ 2,157,216
Small County Per Capita Portion	(4)	7.8830%	170,053
Small County Dedicated Portion	(5)	3.5284%	76,115
Total EMS Component Funds for Small Counties (<15,000 pop.)			246,168
Total Number of Small Counties			23
Lump Sum per Small County			10,703
Total EMS Component Funds for Large Counties (>14,999 pop.)	(6)		1,911,048

County	Population	Population Percentage	EMS Distribution
Small Counties (<15,000 pop.):			
Issaquena	1,406	0.047%	\$ 10,703
Sharkey	4,916	0.166%	10,703
Jefferson	7,726	0.260%	10,703
Franklin	8,118	0.274%	10,703
Quitman	8,223	0.277%	10,703
Choctaw	8,547	0.288%	10,703
Benton	8,729	0.294%	10,703
Humphreys	9,375	0.316%	10,703
Claiborne	9,604	0.324%	10,703
Wilkinson	9,878	0.333%	10,703
Webster	10,253	0.346%	10,703
Kemper	10,456	0.352%	10,703

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Funding Model for Medicaid Component
 January 1, 2021 - June 30, 2021

County	Population	Population Percentage	EMS Distribution
Carroll	10,597	0.357%	10,703
Tunica	10,778	0.363%	10,703
Montgomery	10,925	0.368%	10,703
Noxubee	11,545	0.389%	10,703
Perry	12,250	0.413%	10,703
Jefferson Davis	12,487	0.421%	10,703
Yalobusha	12,678	0.427%	10,703
Lawrence	12,929	0.436%	10,703
Amite	13,131	0.443%	10,703
Greene	14,400	0.485%	10,703
Calhoun	14,962	0.504%	10,703
Large Counties (>14,999 pop.):			
Tallahatchie	15,378	0.5182%	10,752
Walthall	15,443	0.5204%	10,796
Smith	16,491	0.5558%	11,531
Clarke	16,732	0.5639%	11,699
Jasper	17,062	0.5750%	11,929
Chickasaw	17,392	0.5861%	12,159
Stone	17,786	0.5994%	12,435
Winston	19,198	0.6470%	13,423
Holmes	19,198	0.6470%	13,423
Attala	19,564	0.6593%	13,678
Covington	19,568	0.6595%	13,682
Tishomingo	19,593	0.6603%	13,699
Clay	20,634	0.6954%	14,427
Wayne	20,747	0.6992%	14,506
Newton	21,720	0.7320%	15,186
Grenada	21,906	0.7382%	15,315

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Funding Model for Medicaid Component
 January 1, 2021 - June 30, 2021

County	Population	Population Percentage	EMS Distribution
Tippah	22,232	0.7492%	15,543
George	22,578	0.7609%	15,786
Itawamba	23,401	0.7886%	16,360
Leake	23,805	0.8022%	16,642
Prentiss	25,276	0.8518%	17,671
Coahoma	26,151	0.8813%	18,283
Marion	27,088	0.9129%	18,939
Union	27,134	0.9144%	18,970
Simpson	27,503	0.9269%	19,229
Yazoo	28,065	0.9458%	19,621
Scott	28,264	0.9525%	19,760
Tate	28,886	0.9735%	20,196
Copiah	29,449	0.9925%	20,590
Sunflower	29,450	0.9925%	20,590
Neshoba	29,676	1.0001%	20,748
Pontotoc	29,957	1.0096%	20,945
Adams	32,297	1.0884%	22,580
Leflore	32,317	1.0891%	22,594
Bolivar	34,145	1.1507%	23,872
Panola	34,707	1.1697%	24,266
Lincoln	34,869	1.1751%	24,378
Monroe	36,989	1.2466%	25,862
Alcorn	37,057	1.2488%	25,907
Marshall	37,144	1.2518%	25,970
Pike	40,404	1.3616%	28,248
Hancock	43,929	1.4804%	30,712
Lafayette	47,351	1.5958%	33,106
Oktibbeha	47,671	1.6065%	33,328

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 Trauma Care Trust Fund
 Funding Model for Medicaid Component
 January 1, 2021 - June 30, 2021

County	Population	Population Percentage	EMS Distribution
Warren	48,773	1.6437%	34,100
Washington	51,137	1.7234%	35,753
Lamar	55,658	1.8757%	38,913
Pearl River	55,834	1.8816%	39,035
Lowndes	59,779	2.0146%	41,795
Jones	67,761	2.2836%	47,375
Forrest	74,934	2.5253%	52,390
Lauderdale	80,261	2.7049%	56,116
Lee	82,910	2.7941%	57,966
Madison	95,203	3.2084%	66,561
Jackson	139,668	4.7069%	97,649
Rankin	141,617	4.7726%	99,012
DeSoto	161,252	5.4343%	112,739
Harrison	187,105	6.3056%	130,815
Hinds	245,285	8.2663%	171,492
Totals⁽⁷⁾	2,967,297	100%	\$ 2,157,216

MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Funding Model for Medicaid Component
January 1, 2021 - June 30, 2021

Notes

- (1) Based on the United States Census Bureau 2010 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 \$1,616,188. \$1,566,639 was matched in the July 1, 2020 - December 31, 2020 distribution, leaving \$49,549 of the estimated total match to be held in trust and paid to the Division of Medicaid to cover the remaining cost of the Emergency Ground Ambulance Reimbursement Program.
- (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, 2021 - June 30, 2021

Trauma Facility	Fixed Amount ⁽¹⁾	Variable Amount ⁽²⁾	Total	Physician Payment ⁽³⁾
Level I:				
Le Bonheur Children's Hospital	\$265,474	\$205,993	\$471,467	\$141,440
Regional One Health	265,474	\$522,524	787,998	236,399
University of Mississippi Medical Center	265,474	\$2,356,530	2,622,004	786,601
USA Health University (University of South Alabama Health Hospital)	265,474	\$403,263	668,737	200,621
Level II:				
Forrest General Hospital	232,294	700,507	932,801	279,841
Memorial Hospital of Gulfport	232,294	254,947	487,241	146,173
North Mississippi Medical Center - Tupelo	232,294	630,317	862,611	258,784
Level III:				
Anderson Regional Medical Center	165,922	167,935	333,857	100,157
Baptist Memorial Hospital - Desoto	165,922	315,619	481,541	144,462
Baptist Memorial Hospital - Golden Triangle	165,922	233,424	399,346	119,804
Baptist Memorial Hospital - North Mississippi	165,922	198,109	364,031	109,209
Delta Regional Medical Center	165,922	84,166	250,088	75,026
Garden Park Medical Center (Now Singing River Hospital - Gulfport)	165,922	156,305	322,227	96,668
Magnolia Regional Health Center	165,922	151,355	317,277	95,183
Merit Health Biloxi	165,922	114,428	280,350	84,105
Merit Health Central	165,922	71,006	236,928	71,078
Merit Health River Oaks	165,922	45,555	211,477	63,443
Merit Health Wesley	165,922	62,165	228,087	68,426
Ocean Springs Hospital	165,922	155,334	321,256	96,377
OCH Regional Medical Center	165,922	78,406	244,328	73,298
Rush Foundation Hospital	165,922	102,387	268,309	80,493
Singing River Hospital	165,922	160,388	326,310	97,893
South Central Regional Medical Center	165,922	185,221	351,143	105,343
Totals⁽⁴⁾	\$4,413,530	\$7,355,884	\$11,769,414	\$3,530,824

MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Level I - III Hospital Distribution
January 1, 2021 - June 30, 2021

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, 2021 - June 30, 2021



Hospital Fixed Distribution Total	\$	4,413,530
Level I Hospital Allocation		1,061,896
Level II Hospital Allocation		696,882
Level III Hospital Allocation		2,654,752

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	6.0150%	\$265,474
Regional One Health	1.000	6.0150%	265,474
University of Mississippi Medical Center	1.000	6.0150%	265,474
USA Health University (University of South Alabama Health Hospital)	1.000	6.0150%	265,474
Level I Hospital Totals⁽³⁾	4.000	24.0600%	1,061,896

Level II:

Forrest General Hospital	0.875	5.2632%	232,294
Memorial Hospital of Gulfport	0.875	5.2632%	232,294
North Mississippi Medical Center - Tupelo	0.875	5.2632%	232,294
Level II Hospital Totals⁽³⁾	2.625	15.7896%	696,882

Level III:

Anderson Regional Medical Center	0.625	3.7594%	165,922
Baptist Memorial Hospital - Desoto	0.625	3.7594%	165,922
Baptist Memorial Hospital - Golden Triangle	0.625	3.7594%	165,922
Baptist Memorial Hospital - North Mississippi	0.625	3.7594%	165,922
Delta Regional Medical Center	0.625	3.7594%	165,922
Garden Park Medical Center (Now Singing River Hospital - Gulfport)	0.625	3.7594%	165,922
Magnolia Regional Health Center	0.625	3.7594%	165,922



MISSISSIPPI STATE DEPARTMENT OF HEALTH
Trauma Care Trust Fund
Fixed Funding Distribution for Level I, II and III Hospitals
January 1, 2021 - June 30, 2021

Trauma Facility	Relative Weight ⁽¹⁾	Distribution Percentage ⁽¹⁾	Fixed Distribution Allocation ⁽²⁾
Merit Health Biloxi	0.625	3.7594%	165,922
Merit Health Central	0.625	3.7594%	165,922
Merit Health River Oaks	0.625	3.7594%	165,922
Merit Health Wesley	0.625	3.7594%	165,922
Ocean Springs Hospital	0.625	3.7594%	165,922
OCH Regional Medical Center	0.625	3.7594%	165,922
Rush Foundation Hospital	0.625	3.7594%	165,922
Singing River Hospital	0.625	3.7594%	165,922
South Central Regional Medical Center	0.625	3.7594%	165,922
Level III Hospital Totals⁽³⁾	10.000	60.1504%	2,654,752
Level I - III Hospital Totals⁽³⁾	16.625	100.0%	4,413,530

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, 2021 - June 30, 2021

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	204	208.08	26	52.52	24	91.20	12	78.84	1	267	430.64	2.8004%
Regional One Health	287	292.74	74	149.48	76	288.80	55	361.35	1	493	1,092.37	7.1035%
University of Mississippi Medical Center	1,822	1,858.44	439	886.78	287	1,090.60	166	1,090.62	0	2,714	4,926.44	32.0360%
USA Health University (University of South Alabama Health Hospital)	151	154.02	62	125.24	55	209.00	54	354.78	0	322	843.04	5.4822%
Level II:												
Forrest General Hospital	681	694.62	100	202.00	82	311.60	39	256.23	0	902	1,464.45	9.5231%
Memorial Hospital of Gulfport	269	274.38	44	88.88	17	64.60	16	105.12	0	346	532.98	3.4659%
North Mississippi Medical Center - Tupelo	468	477.36	127	256.54	62	235.60	53	348.21	0	710	1,317.71	8.5689%
Level III:												
Anderson Regional Medical Center	164	167.28	46	92.92	17	64.60	4	26.28	0	231	351.08	2.2830%
Baptist Memorial Hospital - Desoto	462	471.24	41	82.82	14	53.20	8	52.56	0	525	659.82	4.2907%
Baptist Memorial Hospital - Golden Triangle	409	417.18	20	40.40	8	30.40	0	-	14	451	487.98	3.1733%
Baptist Memorial Hospital - North Mississippi	303	309.06	32	64.64	2	7.60	5	32.85	0	342	414.15	2.6932%
Delta Regional Medical Center	143	145.86	6	12.12	3	11.40	1	6.57	0	153	175.95	1.1442%
Garden Park Medical Center (Now Singing River Hospital - Gulfport)	188	191.76	22	44.44	10	38.00	8	52.56	0	228	326.76	2.1249%
Magnolia Regional Health Center	161	164.22	30	60.60	12	45.60	7	45.99	0	210	316.41	2.0576%
Merit Health Biloxi	108	110.16	10	20.20	20	76.00	5	32.85	0	143	239.21	1.5556%
Merit Health Central	92	93.84	13	26.26	4	15.20	2	13.14	0	111	148.44	0.9653%
Merit Health River Oaks	79	80.58	4	8.08	0	-	1	6.57	0	84	95.23	0.6193%
Merit Health Wesley	87	88.74	11	22.22	5	19.00	0	-	0	103	129.96	0.8451%
Ocean Springs Hospital	191	194.82	39	78.78	10	38.00	2	13.14	0	242	324.74	2.1117%
OCH Regional Medical Center	102	104.04	24	48.48	3	11.40	0	-	0	129	163.92	1.0659%
Rush Foundation Hospital	104	106.08	17	34.34	9	34.20	6	39.42	0	136	214.04	1.3919%
Singing River Hospital	183	186.66	38	76.76	12	45.60	4	26.28	4	241	335.30	2.1804%
South Central Regional Medical Center	155	158.10	45	90.90	26	98.80	6	39.42	0	232	387.22	2.5180%
Totals⁽³⁾	6,813	6,949.26	1,270	2,565.40	758	2,880.40	454	2,982.78	20	9,315	15,377.84	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, 2021 - June 30, 2021

Notes

- (1) Based on injury severity scores for patients in the trauma registry during the period January 1, 2021 through June 30, 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⁽¹⁾
 January 1, 2021 - June 30, 2021

Burn Center	Patient Count ⁽²⁾	Allocation Percentage	Distribution Payment
J.M. Still Burn Center at Merit Health Central	231	80.77%	\$ 594,134
Regional One Health Firefighters Burn Center	55	19.23%	141,454
Totals⁽³⁾	286	100.00%	\$735,588

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, 2021 through June 30, 2021, 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, 2021 - June 30, 2021

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, 2021 - June 30, 2021 distribution period.



HORNE