



# MISSISSIPPI STATE DEPARTMENT OF HEALTH

TRAUMA CARE TRUST FUND DISTRIBUTION

January 1, 2020 through June 30, 2020

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## 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, 2020. 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, 2020.

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April 8, 2021

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, 2020, 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>
- 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, 2020 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  
Director, Bureau of Acute Care Systems  
Mississippi Department of Health  
April 8, 2021  
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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 LLP

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/ab

Enclosures

1078480

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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, 2020.

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

2 <sup>nd</sup> Subgrant Administration & Education Payment Fiscal Year 2021 <sup>2</sup>	\$ 550,000
Level I – Level III Fixed Distribution Total	3,900,000
Level I – Level III Variable Distribution Total	6,500,000
Level IV Administration Support <sup>3</sup>	N/A
Burn Fund	650,000
EMS Component Distribution Total	<u>1,950,000</u>
<b>Net Total Available for Administration and Distribution</b>	<b><u>\$ 13,550,000</u></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 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. The annual stipend for the fiscal year July 1, 2019 through June 30, 2020 was paid in the 1<sup>st</sup> 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 assure 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 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>

### **Recent Changes in Trauma Care Funding**

In 2020, the Mississippi Trauma Care System Foundation ("Foundation") was created under the Mississippi Hospital Association to take the place of the Regional model of providing administration services to the trauma facilities. The purpose of this 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 \$285,000 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 2020 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 center 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 Schedule 1 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 ISSs 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 January 1, 2020 through June 30, 2020 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, 2020 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  
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  
Southwest Mississippi Regional  
Medical Center  
South Sunflower County Hospital  
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, 2020 - June 30, 2020

	Notes		
Total Funds Available in the Trauma Care Trust Fund	(1)	\$ 13,550,000	
2nd Subgrant Administration & Education Payment Fiscal Year 2021	(2)	<u>550,000</u>	
Total to be Distributed to Hospitals	(3)	13,000,000	
Level IV Administration Support	(4)	<u>N/A</u>	
<b>Net Total Available for Distribution to Hospitals</b>		<b><u>\$ 13,000,000</u></b>	
<b>Summary of Net Total Available for Administration and Distribution</b>			
2nd Subgrant Administration & Education Payment Fiscal Year 2021	(2)	\$ 550,000	
Levels I - III: Hospital Fixed Distribution Total	(5)	3,900,000	30%
Levels I - III: Hospital Variable Distribution Total	(5)	6,500,000	50%
Level IV Administration Support	(4)	N/A	N/A
Burn Fund	(5)	650,000	5%
EMS Component Distribution Total	(6)	<u>1,950,000</u>	15%
<b>Total Funds Available in the Trauma Care Trust Fund</b>		<b><u>\$ 13,550,000</u></b>	

MISSISSIPPI STATE DEPARTMENT OF HEALTH

Trauma Care Trust Fund

Distribution Summary

January 1, 2020 - June 30, 2020

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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, 2020.
- (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, 2019 through June 30, 2020 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.

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
 Trauma Care Trust Fund  
 Funding Model for Medicaid Component  
 January 1, 2020 - June 30, 2020

	Notes		
Census	(1)		2,967,297
EMS Component Distribution Total	(2)	\$ 1,950,000	
EMS Enhanced Reimbursement Program Match	(3)	95,830	
Remaining to be distributed to the counties			\$ 1,854,170
Small County Per Capita Portion	(4)	7.8830%	146,164
Small County Dedicated Portion	(5)	3.5209%	65,283
Total EMS Component Funds for Small Counties (<15,000 pop.)			211,447
Total Number of Small Counties			23
Lump Sum per Small County			9,193
Total EMS Component Funds for Large Counties (>14,999 pop.)	(6)		1,642,723

County	Population	Population Percentage	EMS Distribution
<b>Small Counties (&lt;15,000 pop.):</b>			
Issaquena	1,406	0.047%	\$ 9,193
Sharkey	4,916	0.166%	9,193
Jefferson	7,726	0.260%	9,193
Franklin	8,118	0.274%	9,193
Quitman	8,223	0.277%	9,193
Choctaw	8,547	0.288%	9,193
Benton	8,729	0.294%	9,193
Humphreys	9,375	0.316%	9,193
Claiborne	9,604	0.324%	9,193
Wilkinson	9,878	0.333%	9,193
Webster	10,253	0.346%	9,193
Kemper	10,456	0.352%	9,193



MISSISSIPPI STATE DEPARTMENT OF HEALTH  
 Trauma Care Trust Fund  
 Funding Model for Medicaid Component  
 January 1, 2020 - June 30, 2020

County	Population	Population Percentage	EMS Distribution
Carroll	10,597	0.357%	9,193
Tunica	10,778	0.363%	9,193
Montgomery	10,925	0.368%	9,193
Noxubee	11,545	0.389%	9,193
Perry	12,250	0.413%	9,193
Jefferson Davis	12,487	0.421%	9,193
Yalobusha	12,678	0.427%	9,193
Lawrence	12,929	0.436%	9,193
Amite	13,131	0.443%	9,193
Greene	14,400	0.485%	9,193
Calhoun	14,962	0.504%	9,193
<b>Large Counties (&gt;14,999 pop.):</b>			
Tallahatchie	15,378	0.5182%	9,242
Walthall	15,443	0.5204%	9,281
Smith	16,491	0.5558%	9,913
Clarke	16,732	0.5639%	10,056
Jasper	17,062	0.5750%	10,254
Chickasaw	17,392	0.5861%	10,452
Stone	17,786	0.5994%	10,689
Winston	19,198	0.6470%	11,538
Holmes	19,198	0.6470%	11,538
Attala	19,564	0.6593%	11,758
Covington	19,568	0.6595%	11,761
Tishomingo	19,593	0.6603%	11,775
Clay	20,634	0.6954%	12,401
Wayne	20,747	0.6992%	12,469
Newton	21,720	0.7320%	13,054
Grenada	21,906	0.7382%	13,165

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
 Trauma Care Trust Fund  
 Funding Model for Medicaid Component  
 January 1, 2020 - June 30, 2020

County	Population	Population Percentage	EMS Distribution
Tippah	22,232	0.7492%	13,361
George	22,578	0.7609%	13,569
Itawamba	23,401	0.7886%	14,064
Leake	23,805	0.8022%	14,306
Prentiss	25,276	0.8518%	15,190
Coahoma	26,151	0.8813%	15,716
Marion	27,088	0.9129%	16,280
Union	27,134	0.9144%	16,307
Simpson	27,503	0.9269%	16,529
Yazoo	28,065	0.9458%	16,867
Scott	28,264	0.9525%	16,986
Tate	28,886	0.9735%	17,360
Copiah	29,449	0.9925%	17,699
Sunflower	29,450	0.9925%	17,699
Neshoba	29,676	1.0001%	17,835
Pontotoc	29,957	1.0096%	18,004
Adams	32,297	1.0884%	19,410
Leflore	32,317	1.0891%	19,422
Bolivar	34,145	1.1507%	20,521
Panola	34,707	1.1697%	20,859
Lincoln	34,869	1.1751%	20,955
Monroe	36,989	1.2466%	22,230
Alcorn	37,057	1.2488%	22,271
Marshall	37,144	1.2518%	22,323
Pike	40,404	1.3616%	24,282
Hancock	43,929	1.4804%	26,401
Lafayette	47,351	1.5958%	28,458
Oktibbeha	47,671	1.6065%	28,650

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
 Trauma Care Trust Fund  
 Funding Model for Medicaid Component  
 January 1, 2020 - June 30, 2020

County	Population	Population Percentage	EMS Distribution
Warren	48,773	1.6437%	29,312
Washington	51,137	1.7234%	30,733
Lamar	55,658	1.8757%	33,450
Pearl River	55,834	1.8816%	33,555
Lowndes	59,779	2.0146%	35,926
Jones	67,761	2.2836%	40,723
Forrest	74,934	2.5253%	45,034
Lauderdale	80,261	2.7049%	48,236
Lee	82,910	2.7941%	49,828
Madison	95,203	3.2084%	57,216
Jackson	139,668	4.7069%	83,938
Rankin	141,617	4.7726%	85,110
DeSoto	161,252	5.4343%	96,910
Harrison	187,105	6.3056%	112,447
Hinds	245,285	8.2663%	147,413
<b>Totals<sup>(7)</sup></b>	<b>2,967,297</b>	<b>100%</b>	<b>\$ 1,854,170</b>

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
Trauma Care Trust Fund  
Funding Model for Medicaid Component  
January 1, 2020 - June 30, 2020

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 \$1,803,330. \$1,707,500 was matched in the July 1, 2019 - December 31, 2019 distribution, leaving \$95,830 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, 2020 - June 30, 2020

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	\$234,584	\$162,129	\$396,713	\$119,014
Regional One Health	234,584	\$349,933	584,517	175,355
University of Mississippi Medical Center	234,584	\$2,222,856	2,457,440	737,231
USA Health University (University of South Alabama Health Hospital)	234,584	\$339,839	574,423	172,327
<b>Level II:</b>				
Forrest General Hospital	205,264	695,065	900,329	270,099
Memorial Hospital of Gulfport	205,264	258,596	463,860	139,158
North Mississippi Medical Center - Tupelo	205,264	487,065	692,329	207,699
<b>Level III:</b>				
Anderson Regional Medical Center	146,617	167,128	313,745	94,124
Baptist Memorial Hospital - Desoto	146,617	278,655	425,272	127,582
Baptist Memorial Hospital - Golden Triangle	146,617	192,875	339,492	101,848
Baptist Memorial Hospital - North Mississippi	146,617	182,078	328,695	98,609
Delta Regional Medical Center	146,617	80,990	227,607	68,282
Garden Park Medical Center	146,617	160,102	306,719	92,016
Magnolia Regional Health Center	146,617	160,557	307,174	92,152
Merit Health Biloxi	146,617	92,651	239,268	71,780
Merit Health Central	146,617	30,277	176,894	53,068
Merit Health River Oaks	146,617	38,461	185,078	55,523
Merit Health Wesley	146,617	54,561	201,178	60,353
Ocean Springs Hospital	146,617	90,025	236,642	70,993
OCH Regional Medical Center	146,617	82,251	228,868	68,660
Rush Foundation Hospital	146,617	91,273	237,890	71,367
Singing River Hospital	146,617	97,019	243,636	73,091
South Central Regional Medical Center	146,617	185,614	332,231	99,669
<b>Totals<sup>(4)</sup></b>	<b>\$3,900,000</b>	<b>\$6,500,000</b>	<b>\$10,400,000</b>	<b>\$3,120,000</b>

**MISSISSIPPI STATE DEPARTMENT OF HEALTH****Trauma Care Trust Fund****Level I - III Hospital Distribution****January 1, 2020 - June 30, 2020**Notes

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- (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, 2020 - June 30, 2020



Hospital Fixed Distribution Total	\$	3,900,000
Level I Hospital Allocation		938,336
Level II Hospital Allocation		615,792
Level III Hospital Allocation		2,345,872

Trauma Facility	Relative Weight <sup>(1)</sup>	Distribution Percentage <sup>(1)</sup>	Fixed Distribution Allocation <sup>(2)</sup>
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**Level I:**

Le Bonheur Children's Hospital	1.000	6.0150%	\$234,584
Regional One Health	1.000	6.0150%	234,584
University of Mississippi Medical Center	1.000	6.0150%	234,584
USA Health University (University of South Alabama Health Hospital)	1.000	6.0150%	234,584
<b>Level I Hospital Totals<sup>(3)</sup></b>	<b>4.000</b>	<b>24.0600%</b>	<b>938,336</b>

**Level II:**

Forrest General Hospital	0.875	5.2632%	205,264
Memorial Hospital of Gulfport	0.875	5.2632%	205,264
North Mississippi Medical Center - Tupelo	0.875	5.2632%	205,264
<b>Level II Hospital Totals<sup>(3)</sup></b>	<b>2.625</b>	<b>15.7896%</b>	<b>615,792</b>

**Level III:**

Anderson Regional Medical Center	0.625	3.7594%	146,617
Baptist Memorial Hospital - Desoto	0.625	3.7594%	146,617
Baptist Memorial Hospital - Golden Triangle	0.625	3.7594%	146,617
Baptist Memorial Hospital - North Mississippi	0.625	3.7594%	146,617
Delta Regional Medical Center	0.625	3.7594%	146,617
Garden Park Medical Center	0.625	3.7594%	146,617
Magnolia Regional Health Center	0.625	3.7594%	146,617

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
 Trauma Care Trust Fund  
 Fixed Funding Distribution for Level I, II and III Hospitals  
 January 1, 2020 - June 30, 2020

Trauma Facility	Relative Weight(1)	Distribution Percentage <sup>(4)</sup>	Fixed Distribution Allocation(2)
Merit Health Biloxi	0.625	3.7594%	146,617
Merit Health Central	0.625	3.7594%	146,617
Merit Health River Oaks	0.625	3.7594%	146,617
Merit Health Wesley	0.625	3.7594%	146,617
Ocean Springs Hospital	0.625	3.7594%	146,617
OCH Regional Medical Center	0.625	3.7594%	146,617
Rush Foundation Hospital	0.625	3.7594%	146,617
Singing River Hospital	0.625	3.7594%	146,617
South Central Regional Medical Center	0.625	3.7594%	146,617
<b>Level III Hospital Totals<sup>(3)</sup></b>	<b>10.000</b>	<b>60.15%</b>	<b>2,345,872</b>
<b>Level I - III Hospital Totals<sup>(3)</sup></b>	<b>16.625</b>	<b>100.0%</b>	<b>3,900,000</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>

January 1, 2020 - June 30, 2020

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	173	176.46	27	54.54	18	68.40	7	45.99	0	225	345.39	2.4943%
Regional One Health	187	190.74	77	155.54	48	182.40	33	216.81	0	345	745.49	5.3836%
University of Mississippi Medical Center	1,864	1,901.28	435	878.70	257	976.60	149	978.93	0	2,705	4,735.51	34.1978%
USA Health University (University of South Alabama Health Hospital)	177	180.54	37	74.74	49	186.20	43	282.51	0	306	723.99	5.2283%
<b>Level II:</b>												
Forrest General Hospital	735	749.70	133	268.66	75	285.00	27	177.39	0	970	1,480.75	10.6933%
Memorial Hospital of Gulfport	256	261.12	36	72.72	26	98.80	18	118.26	0	336	550.90	3.9784%
North Mississippi Medical Center - Tupelo	514	524.28	100	202.00	56	212.80	15	98.55	0	685	1,037.63	7.4933%
<b>Level III:</b>												
Anderson Regional Medical Center	158	161.16	46	92.92	13	49.40	8	52.56	0	225	356.04	2.5712%
Baptist Memorial Hospital - Desoto	413	421.26	34	68.68	10	38.00	10	65.70	0	467	593.64	4.2870%
Baptist Memorial Hospital - Golden Triangle	358	365.16	17	34.34	3	11.40	0	-	0	378	410.90	2.9673%
Baptist Memorial Hospital - North Mississippi	304	310.08	25	50.50	2	7.60	3	19.71	0	334	387.89	2.8012%
Delta Regional Medical Center	132	134.64	15	30.30	2	7.60	0	-	0	149	172.54	1.2460%
Garden Park Medical Center	148	150.96	32	64.64	14	53.20	11	72.27	0	205	341.07	2.4631%
Magnolia Regional Health Center	173	176.46	38	76.76	13	49.40	6	39.42	0	230	342.04	2.4701%
Merit Health Biloxi	138	140.76	14	28.28	4	15.20	2	13.14	0	158	197.38	1.4254%
Merit Health Central	34	34.68	11	22.22	2	7.60	0	-	0	47	64.50	0.4658%
Merit Health River Oaks	61	62.22	6	12.12	2	7.60	0	-	0	69	81.94	0.5917%
Merit Health Wesley	82	83.64	11	22.22	1	3.80	1	6.57	0	95	116.23	0.8394%
Ocean Springs Hospital	135	137.70	16	32.32	4	15.20	1	6.57	0	156	191.79	1.3850%
OCH Regional Medical Center	120	122.40	14	28.28	3	11.40	2	13.14	0	139	175.22	1.2654%
Rush Foundation Hospital	92	93.84	25	50.50	8	30.40	3	19.71	0	128	194.45	1.4042%
Singing River Hospital	163	166.26	13	26.26	2	7.60	1	6.57	0	179	206.69	1.4926%
South Central Regional Medical Center	167	170.34	49	98.98	28	106.40	3	19.71	0	247	395.43	2.8556%
<b>Totals<sup>(3)</sup></b>	<b>6,584</b>	<b>6,715.68</b>	<b>1,211</b>	<b>2,446.22</b>	<b>640</b>	<b>2,432.00</b>	<b>343</b>	<b>2,253.51</b>	<b>-</b>	<b>8,778</b>	<b>13,847.41</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>  
January 1, 2020 - June 30, 2020

**Notes**

- (1) Based on injury severity scores for patients in the trauma registry during the period January 1, 2020 through June 30, 2020 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>

January 1, 2020 - June 30, 2020

Burn Center	Patient Count <sup>(2)</sup>	Allocation Percentage	Distribution Payment
J.M. Still Burn Center at Merit Health Central	294	92.45%	\$ 600,925
Regional One Health Firefighters Burn Center	24	7.55%	49,075
<b>Totals<sup>(3)</sup></b>	<b>318</b>	<b>100.00%</b>	<b>\$650,000</b>

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.
- 25 Based on burn patients in the trauma registry during the period January 1, 2020 through June 30, 2020, as provided by ACS. Regional One Health Firefighters Burn Center was designated on January 31, 2020; therefore, patients who entered the trauma registry system at this location between January 1, 2020 and January 30, 2020 were not included in this patient count, and were captured in the ISS Summary for Regional One Health.
- (3) Percentages in this report may contain rounding differences.

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
Trauma Care Trust Fund  
Administration Expenses Distribution<sup>(1)</sup>  
January 1, 2020 - June 30, 2020

Notes

**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, 2020 - June 30, 2020 distribution period.



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