



# **System Report**

**September 1, 2010 – November 30, 2010**

**Data Period-Third Quarter 2010  
(July-August-September)**

## **Mississippi Trauma Care System**

*Designated Trauma Care Providers  
Working Together to Prevent and Treat Trauma*

**Prepared for:**

**Mississippi State Board of Health**

**November 30, 2010**

## Introduction

The goal of the Mississippi Trauma Care System is to deliver the **right** patient to the **right** hospital at the **right** time. Research shows that this approach decreases mortality. Trauma remains the leading cause of death for Mississippians age 1 to 44 and Mississippi ranks third in the nation for unintentional injury deaths.

Mississippi began development of a statewide trauma system in 1991. The Mississippi Legislature charged the Mississippi State Department of Health with the responsibility for oversight of trauma system development. Since that time the state has adopted a trauma care plan, established seven designated trauma regions, designated qualifying hospitals as trauma centers, maintains a trauma registry, and disbursed funding to trauma regions, trauma centers, and physicians.

The Mississippi Legislature passed House Bill 1405 during the 2007 Regular Session to revitalize and more fully fund the Mississippi Trauma Care System. Mississippi moved from a voluntary system with indigent reimbursement, to a mandatory system with block grant funding based on participation; the first trauma system of its type in the United States. As suggested by the Mississippi Trauma Care Task Force, this report on the Mississippi Trauma Care System will be submitted quarterly to the Mississippi State Board of Health.



## Quarterly Activities

### Trauma Registry Meetings

Mississippi Trauma Registry Users' Group Meeting			
Jackson, Mississippi			
October 20, 2010			
Fourth Quarter 2010			
REGION	HOSPITAL	NAME	ATTENDANCE
EC	Rush Foundation Hospital	Alford, Ginger	X
SE	Forest General Hospital	Basye, Janet	X
EC	Neshoba County General Hospital	Beasley, Tracy	X
Coastal	North MS Medical Center-Tupelo	Brown, Kristin	X
Central	Montfort Jones Memorial Hospital	Coleman, Debbie	X
Central	MS Baptist Medical Center	Cox, Betty	X
North	North MS Medical Center-Tupelo	Furtick, Diane	X
Central	St. Dominic Memorial Hospital	Graves, Pam	X
Central	University Medical Center	Guthrie, Aleta	X
SE	Calhoun Health Services	James, Regina	X
EC	Neshoba County General Hospital	Jayroe, Brenda	X
Central	University Medical Center	Jones, Candance	X
SE	South Central Regional Medical Center	Knight, Bobbie	X
SE	Forest General Hospital	McCullum, Monica	X
SW	Field Memorial Community Hospital	McDaniels, Kim	X
SW	Southwest Trauma Care Region	McManus, Jimmy	X
North	Calhoun Health Services	Norman, Ruby	X
Delta	Greenwood Leflore Hospital	Oestreicher, Martha	X
Coastal	Biloxi Regional Medical Center	Sigman, Naomi	X
Central	Central MS Medical Center	Smith, Barbara	X
EC	H C Watkins Memorial Hospital	Smith, Marsha	X
SE	South Central Regional Medical Center	Strickland, Sammy	X
North	North MS Medical Center-Tupelo	Terrell, Kim	X
Coastal	University of South Alabama Hospital	Wilson, Lisa	X
North	North MS Medical Center-Tupelo	Wilson, Lisa C.	X
<b>Total</b>			<b>25</b>

<b>Mississippi Trauma Registry Software Training Jackson, Mississippi November 10 - 11, 2010 Fourth Quarter 2010</b>				
<b>Facility</b>	<b>First Name</b>	<b>Last Name</b>	<b>10- Nov</b>	<b>11- Nov</b>
University Hospital and Clinics-Holmes County	Elizabeth	Adcock	X	
Neshoba County General Hospital	Tracy	Beasley	X	
Jefferson Davis Community Hospital	Lisa	Berry	X	
Perry County General Hospital	Celeste	Brewer	X	X
MS Baptist Health Systems	Lynn	Christy	X	X
MS Baptist Medical Center	Betty	Cox	X	X
Anderson Regional Medical Center	Claire	Crowe	X	
Delta Regional Medical Center	Tonia T.	Hughes	X	X
River Oaks Hospital	Leslie	Jackson	X	X
Neshoba County General Hospital	Brenda	Jayroe	X	
Highland Community Hospital	Connie	Keim	X	X
Garden Park Medical Center	Carrie	Ladner	X	X
Jefferson Davis Community Hospital	Patricia	Magee	X	
Greenwood Leflore Hospital	Martha	Oestreicher	X	X
Perry County General Hospital	Melinda	Paris	X	X
University Hospital and Clinics-Holmes County	Paula	Pepper	X	
Hancock Medical Center	Branden	Slade	X	X
Central MS Medical Center	Barbara	Smith	X	X
Crossgates River Oaks Hospital	Linda	Swann	X	
Delta Regional Medical Center	Claudia	Williams	X	X
Uni of South Alabama Medical Center	Lisa	Wilson	X	X
<b>Totals</b>			26	28

### Consultation Trauma Center Visits

There were no visits during this period.

### Trauma Center Inspections

The following hospitals received Level III Trauma Center inspections during this period:

Biloxi Regional Medical Center, Biloxi	September 13, 2010
Rush Foundation Hospital, Meridian	October 11, 2010
Southwest Regional Medical Center, McComb	October 14, 2010
River Oaks Hospital, Flowood	October 15, 2010
BMH-DeSoto, Southaven	October 25, 2010
BMH-North Mississippi, Oxford	October 26, 2010
Oktibbeha County Regional Medical Center, Starkville	October 27, 2010

## Trauma Center Designations

Applications are pending on the following hospitals:

- Patients Choice-Claiborne County, Port Gibson
- S. E. Lackey Memorial Hospital, Forest
- Simpson General Hospital, Mendenhall
- Northwest MS RMC, Clarksdale
- Patients Choice-Humphreys County, Belzoni
- Choctaw Health Center, Philadelphia
- Wesley Medical Center, Hattiesburg

With the approval of the inspections listed above, there are: three (3) Level I Trauma Centers (UMMC, Jackson; Regional Medical Center, Memphis; University of South Alabama, Mobile); five (5) Level II Trauma Centers (North Mississippi Medical Center, Tupelo; Baptist Memorial Hospital-Golden Triangle, Columbus; Forrest General Hospital, Hattiesburg; Memorial Hospital of Gulfport, Gulfport; Singing River Hospital, Pascagoula); twelve (12) Level III Trauma Centers; sixty five (65) Level IV Trauma Centers, four (4) non-participating hospitals (Mississippi Baptist Medical Center, Jackson; Gilmore Memorial Hospital, Amory; Magee General Hospital, Magee; Trace Regional Hospital; Houston), and one (1) suspended hospital (Choctaw County Hospital).

## Mississippi Trauma Advisory Committee (MTAC) Activities

The MTAC met on September 1, 2010 in the Cobb Auditorium. Two new members were appointed to MTAC to represent EMS providers: Mr. Wade Spruill, CEO of AAA Ambulance Service, and Mr. Tony McCallum, EMS Director, Southaven Fire Department.

MTAC approved the draft of Chapter 14, Mississippi Burn Care System, and recommended adoption by the State Board of Health. The changes to the Mississippi Trauma Care System Regulations were approved by the Board of Health at the October 13, 2010 meeting, and became effective November 14, 2010.

Next meeting of MTAC is December 6, 2010 in the Cobb Auditorium.

### **Significant committee actions for the period:**

#### **Rules and Regulations Sub-committee**

- Chapter 13 is under re-write. This chapter addresses pediatric trauma care. Next meeting of the Pediatric Task Force will be December 3, 2010. Prior to starting the re-write of the chapter, the Task Force requested clarification on definition of a pediatric age. For the purposes of pediatric trauma care, pediatric patients are defined as fifteen (15) years old and younger (less than 16 years old).

#### **Functionality Sub-Committee**

- The sub-committee discussed the expansion of trauma center designations from Level I –IV to Level I-V. Due to the complexity of this issue, the sub-committee recommends forming a task force to look at this topic in detail.
- Another topic was the need to standardize trauma activation criteria across the regions. Some regions use Alpha/Bravo, while others use Level I/II. Additionally, some regions allow EMS to call activations from the field.
- There was discussion of Physician Extender/Mid-Level Provider training. Currently, physicians have ATLS and nurses have TNCC as required training, but Physician Assistants and Nurse Practitioners do not have any required training. PAs and NPs can now participate in ATLS, or they can take Advanced Trauma Care for Nurses (ATCN).
- The Sub-committee recommended that the Level IV E&D chart be changed to allow physicians take ATLS once every 10 years, vice the requirement of maintaining currency in ATLS (once every 4 years).

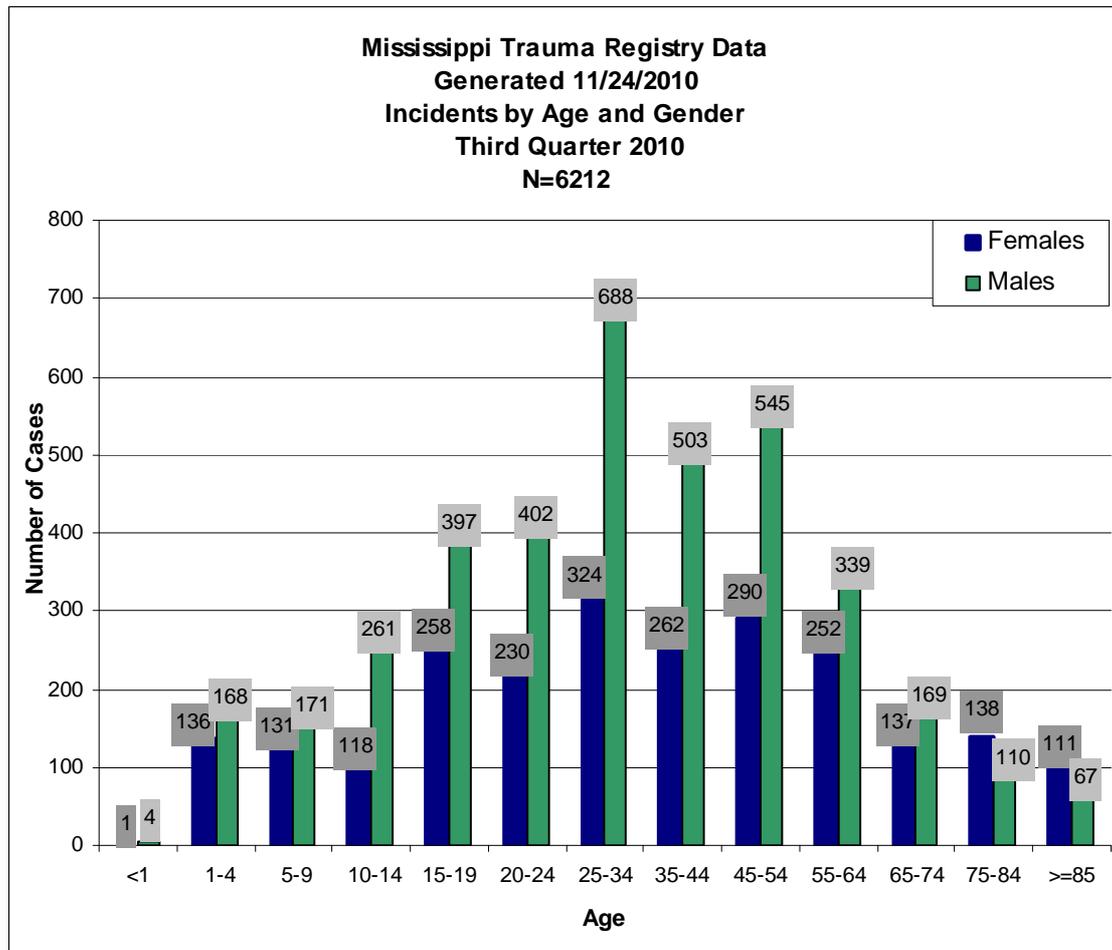
#### **Strategic Planning Conference**

- The conference was held October 12-13, 2010 at the Pearl River Resort, in Philadelphia, MS. The meeting focused on long range vision/goals/objectives in a non-structured, non-public setting.
- There were 26 confirmed attendees from MTAC, the Mississippi Association of Trauma Administrators (MATA), MSDH staff, and other interested parties.
- Assignments of various topics were made to “champions” who will research the topic and report to MTAC on the recommended action. Topics and champions are:
  - Partial Capability: Dr. Hugh Gamble
  - Patient’s Choice: Gail Thomas
  - Protecting PI Data: Doug Higginbotham, Dr. Pete Avara

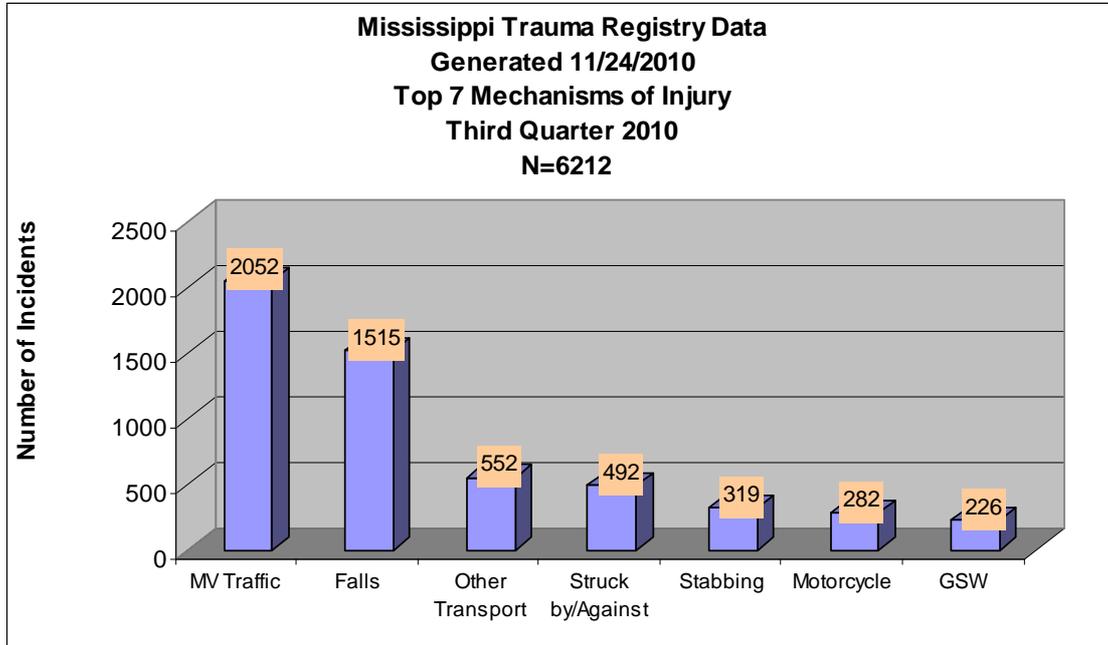
- EMS Roadmap: Josh Wenzel, Dr. Clyde Deschamp
- Education and Training: Dr. Rick Carlton
- Level IV Designation: Tim Thomas
- Region Design: Wade Spruill

## Trauma Data

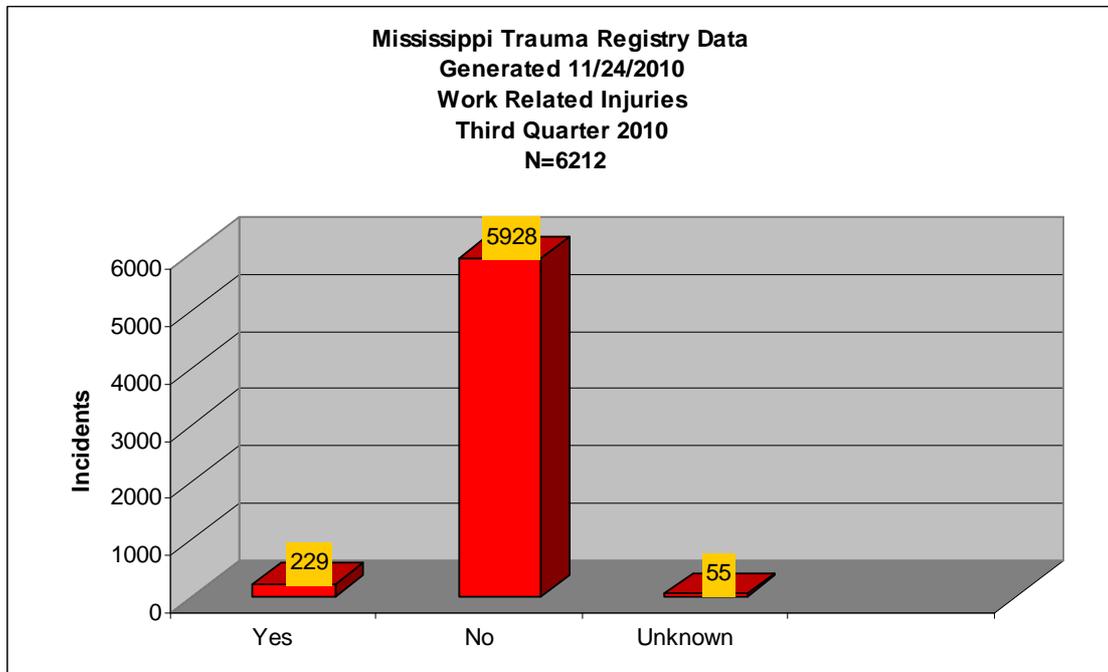
### Age and Gender



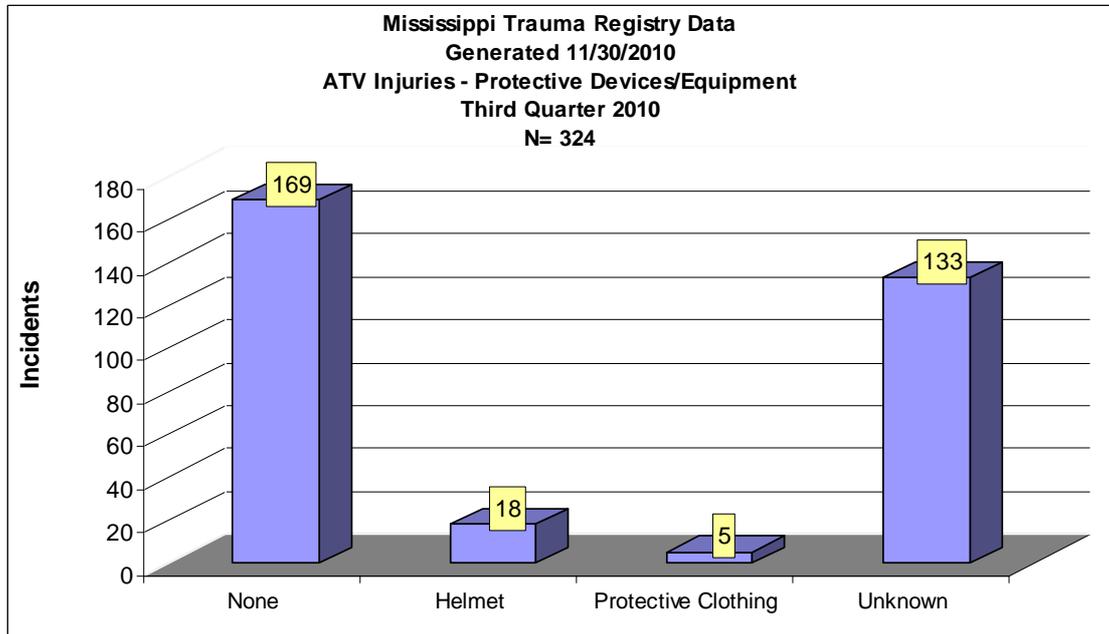
**The top 7 mechanisms of injury**



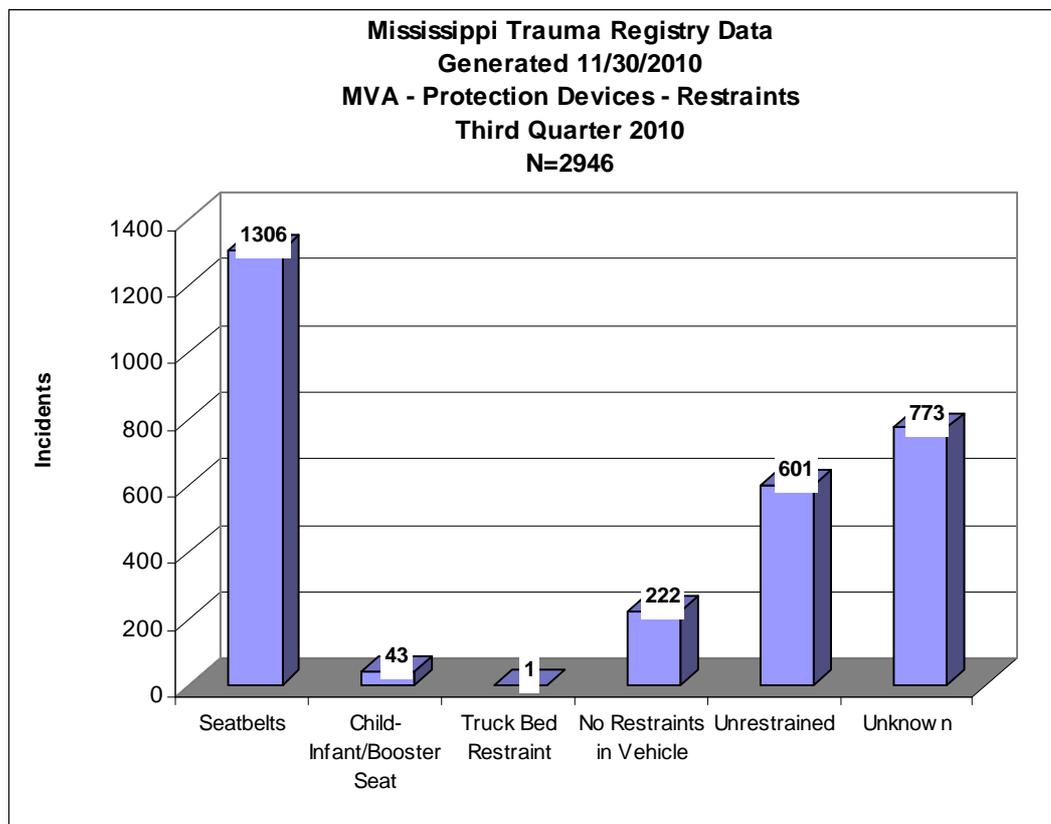
**Work related injuries**

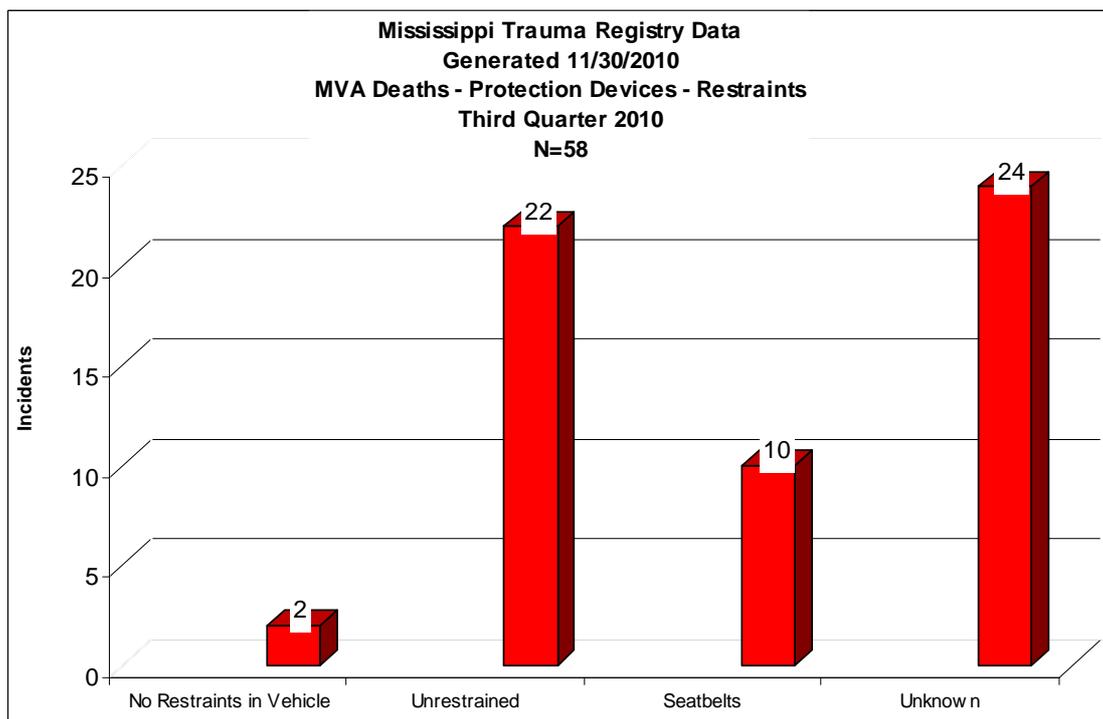


**ATV injuries with Protective Devices/Equipment**



**MVA with and without restraints**

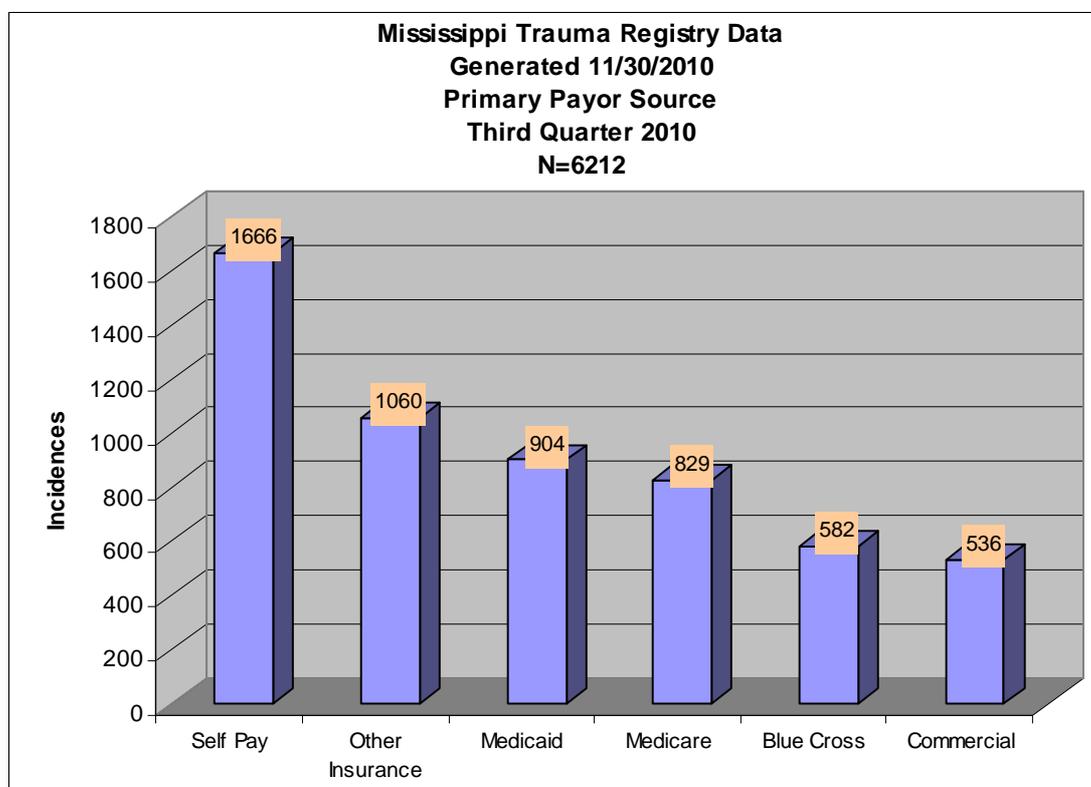




## Performance Improvement Programs

The State PI Committee met on August 16, 2010. The State PI Plan Task Force presented the first draft of the state PI Plan, comprised of an Introduction/Overview, and individual chapters covering state-level, region-level, hospital, and pre-hospital PI activities. The plan was accepted by the PI committee, and the Task Force has been charged with developing appendices which will further define the PI indicators each organization will collect and review. The next scheduled meeting of the State PI Committee is January 10, 2011.

## Financial Data



## Trauma Care Trust Fund

**Fund Balance – August 31, 2010**

**\$ 7,345,802.68\***

Month	Moving Violations	Interest	Tag Fee	ATV/ Motorcycle Fee	Play or Pay	Total Collected
September	\$538,612.61	\$6,507.44	\$262,660.00	\$66,250.00		\$874,030.05
October	896,149.51	7,801.53	945,196.00	66,660.00		1,915,747.04
November	549,240.01	7,357.81	905,400.00	90,900.00		1,552,897.82
<b>Total</b>	<b>\$1,984,002.13</b>	<b>\$21,666.78</b>	<b>\$2,113,256.00</b>	<b>\$223,750.00</b>		<b>\$4,342,674.91</b>

**Fund Balance – November 30, 2010**

**\$ 11,688,477.59\***

**Expenditures**

TCR Administrative Funding	\$ 1,050,000.00
May 2010 TCTF Distribution to Delta TCR	1,779,719.00
November 2010 TCTF Distribution	<u>6,660,000.00</u>

**Total Fund Balance – November 30, 2010** **\$ 2,198,758.59**

\*Includes \$1,779,719 of May 2010 TCTF distribution to Delta Trauma Care Region being withheld pending outcome of audit.

**Uncompensated Trauma Care Audits**

September 1 - 3, 2010                      South Central RMC, Laurel  
October 25 - November 5, 2010      Forrest General Hospital, Hattiesburg