



System Report

March 1, 2010 – May 31, 2010

**Data Period-First Quarter 2010
(January-February-March)**

Mississippi Trauma Care System

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

Prepared for:

Mississippi State Board of Health

June 1, 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 Classes

Mississippi Trauma Registry Users' Group Meeting Jackson, Mississippi April 21, 2010			
REGION	HOSPITAL	NAME	ATTENDANCE
Central	Central MS Med Ctr	Williams, Tammie	X
Central	Madison County Medical Center	Edwards, Tara	X
Central	Mississippi Baptist Medical Center	Cox, Betty	X
Central	Mississippi Baptist Medical Center	Lee, Joyce	X
Central	Patient's Choice-Claiborne County	Thomas, LaShonda	X
Central	University of MS Medical Center	Gilliland, Melinda	X
Central	University of MS Medical Center	Kyle, Amber	X
Coastal	Biloxi Regional Medical Center	Sigman, Naomi	X
Coastal	USA Medical Center	Bass, Diane	X
Coastal	USA Medical Center	Wilson, Lisa	X
Delta	Greenwood Leflore Hospital	Oestreicher, Martha	X
East Central	Choctaw Health Center	Jimmie, Janis	X
East Central	Laird Hospital	Moore, Connie	X
East Central	Rush Foundation Hospital	Alford, Ginger	X
North	North Mississippi Medical Center-Tupelo	Furtick, Diane	X
North	North Mississippi Medical Center-Tupelo	Jacobs, Kristin	X
North	North Mississippi Medical Center-Tupelo	Wilson, Lisa	X
South East	Covington County Hospital	Calhoun, Jon	X
South East	Forrest General Hospital	Basye, Janet	X
South East	Forrest General Hospital	McCullum, Monica	X
South East	Perry County Hospital	Paris, Melinda	X
South East	South Central Regional Medical Center	Knight, Bobbie	X
South East	South Central Regional Medical Center	Strickland, Sammy	X

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South West	Field Memorial Community Hospital	McDaniels, Kim	X
South West	SW Trauma Region	McManus, Jimmy	X
Total			25

Mississippi Trauma Registry Software Training Jackson, Mississippi May 5 - 7, 2010					
Facility	First Name	Last Name	May 5	6-May	7-May
Baptist Memorial Hospital-Golden Tri	Marcella	Scott	x		
Baptist Memorial Hospital-North MS	Cassie	McCutchen			x
Biloxi Reg Med Ctr	Naomi	Sigman	x		
Bolivar Medical Center	Crystal	Quinton			x
Bolivar Medical Center	Ann	Williamson			x
Calhoun Health Services	Regina	James	x	x	x
Calhoun Health Services	Ruby	Norman	x	x	x
Central MS Medical Ctr	Tammie	Williams	x	x	x
Covington County Hosp	Jon	Calhoun	x	x	x
East Mississippi Trauma Region	James	Miller		x	
Franklin County Mem Hosp	Mindy	Cupit	x	x	
Franklin County Mem Hosp	Patti	McClain	x	x	
George Regional Hospital	Tricia	Mitchell	x	x	
George Regional Hospital	Paula	Bell	x	x	
Greene County Hosp	Angela	Herndon	x	x	x
Highland Community Hosp	Connie	Keim	x		
Jeff Anderson Reg Med Ctr	Heather	Kyle		x	x
Kings Daughters' Hosp-Brookhaven	Terry	Singleton	x	x	x
Kings Daughters' Hosp-Brookhaven	Sherry	Barry	x	x	x
Laird Hospital	Connie	Moore	x	x	
Lawrence County Hosp	Stephanie	Langston	x	x	x
Magee General Hosp	Cindy	Himmel	x	x	x
Magee General Hosp	Melinda	Spears		x	
MS Baptist Medical Center	Betty	Cox	x	x	
Natchez Regional Med Ctr	Neely	Ward	x	x	
North MS Med Ctr-Tupelo	Kim	Terrell	x	x	x
North MS Med Ctr-Tupelo	Diane	Furtick		x	x

North Sunflower Medical Ctr	Lisa	Miller	x		
North Sunflower Medical Ctr	Cherri	Rickels	x	x	
Patient's Choice Med Ctr-Claiborne Co.	LaShonda	Thomas	x	x	x
Pioneer Community Hosp	Lisa	Cooper	x	x	
Southwest Mississippi Reg Med Ctr	Sherry	Fortenberry	x	x	
Southwest Mississippi Reg Med Ctr	Lisa	Miller	x	x	
Southwest Trauma Care Region	Jimmy	McManus		x	x
University Medical Ctr	Melinda	Gilliland		x	x
Totals			26	28	18

Consultation Trauma Center Visits

March 9, 2010 River Oaks Hospital, Flowood (Level III initial designation)
 March 10, 2010 BMH-Desoto, Southaven (Level III initial designation)
 March 12, 2010 BMH-North, Oxford (Level III designation renewal)
 May 6, 2010 BMH-North, Oxford (Level III designation renewal)

Trauma Center Inspections

There were no inspections during this period.

Trauma Center Designations

Ocean Springs Hospital was re-designated as a Level III Trauma Center on May 16, 2010. This action was at the request of Ocean Springs Hospital, as approved by the Coastal Trauma Care Region, and recommended by the Department's Trauma Consultant.

The following hospitals were designated as Level IV Trauma Centers effective March 1, 2010:

- South Sunflower County Hospital, Indianola
- Alliance Health Care System, Holly Springs
- Tri-Lakes Medical Center, Batesville
- Crossgates River Oaks Hospital, Brandon
- Noxubee Medical Complex, Macon
- Riley Hospital, Meridian
- Monfort Jones Memorial Hospital, Kosciusko
- St. Dominic Memorial Hospital, Jackson

The following hospitals have Level IV applications pending:

- S.E. Lackey Memorial Hospital, Forest
- Patient's Choice-Humphreys County, Belzoni

- Wesley Medical Center, Hattiesburg
- Greene County Hospital, Leakesville
- Scott County Regional Hospital, Morton
- H.C. Watkins Memorial Hospital, Quitman
- NWRMC, Clarksdale
- Covington County Hospital, Collins
- Simpson General Hospital, Mendenhall

Currently, in the Mississippi Trauma Care System, 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; MHG, Gulfport; Singing River Hospital, Pascagoula); ten (10) Level III Trauma Centers; sixty five (65) Level IV Trauma Centers, three (3) non-participating hospitals (Mississippi Baptist Medical Center, Jackson; Gilmore Memorial Hospital, Amory; Trace Regional Hospital; Houston), and three (3) applicant hospitals.

Mississippi Trauma Advisory Committee (MTAC) Activities

The MTAC met on March 4, 2010. Numerous changes to regulations were reviewed and recommended to the State Board of Health for adoption. Major changes to regulations included:

- Change the Trauma Care Trust Fund distribution model to distribute 5% of the total to designated Burn Centers.
- Add review of Play or Pay assessment survey by the Trauma Care Regions.
- Align regulation, inspection, and Essential & Desirable (E&D) verbiage to match.
- Incorporate E&D chart into respective Trauma Center chapters.
- Amend process to change Trauma Center designations.

The proposed regulations were approved by the State Board of Health on April 14, 2010 and became effective on May 16, 2010.

Other issues addressed by MTAC included the re-establishment of the Functionality Sub-committee chaired by Dr. Rick Carlton, the proposal to initiate a public education/outreach program concerning the Trauma System, and a review of the MEMSIS/State Bridge/Trauma Registry program specifically concerning Electronic Patient Care Reports (E-PCR).

The next meeting of MTAC is scheduled for June 15, 2010 in the Cobb Auditorium.

Significant committee actions for the period:

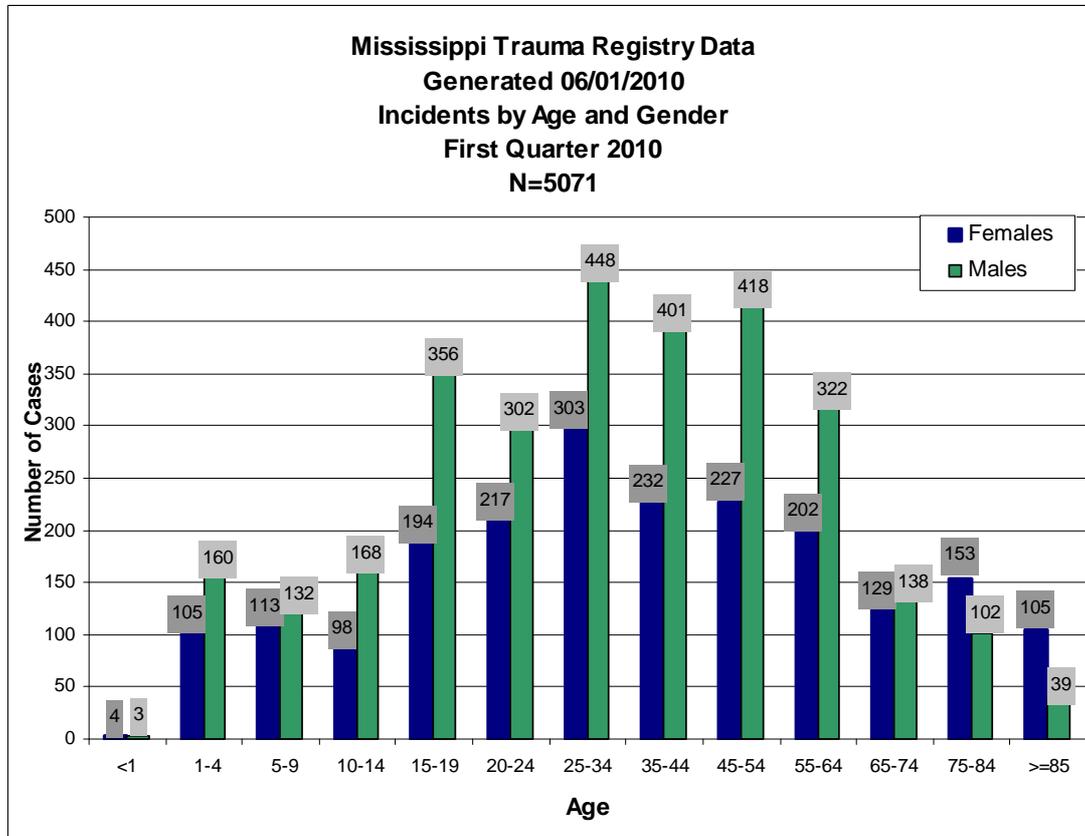
Rules and Regulations Sub-committee

The Sub-committee is working on a major re-write of Chapter 14 of the Mississippi Trauma Care Systems Regulations that addresses Burn Care. The chapter will follow the format of the Trauma Center chapters to define the requirements for a hospital to be designated as a Burn Center in the Trauma Care System.

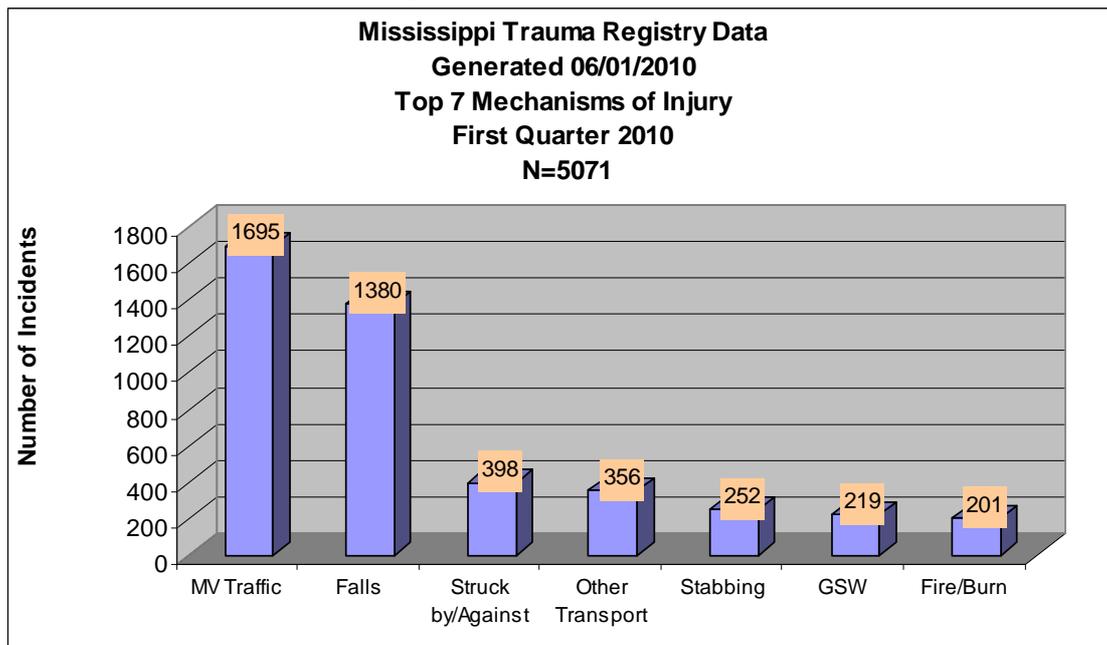
Trauma Injury Prevention Activities

EMSC Injury Prevention Events			
	County	Location	Number of Participants
March			
	Jones	Laurel	400
	Jones	Laurel	500
	Rankin	Flowood	40
	Warren	Redwood	450
		Sub-total	1390
April			
	Rankin	Pelahatchie	350
	Warren	Vicksburg	25
	Sunflower	Sunflower	275
	Smith	Raleigh	150
	Claiborne	Port Gibson	30
	Clay	West Point	225
	Adams	Natchez	60
	Sharkey	Rolling Fork	350
	Washington	Avon	120
	Forrest	Hattiesburg	10
		Sub-total	1595
May			
	Chickasaw	Houston	450
	Chickasaw	Houlka	200
	Harrison	Gulfport	320
		Sub-total	970
		TOTAL	3955

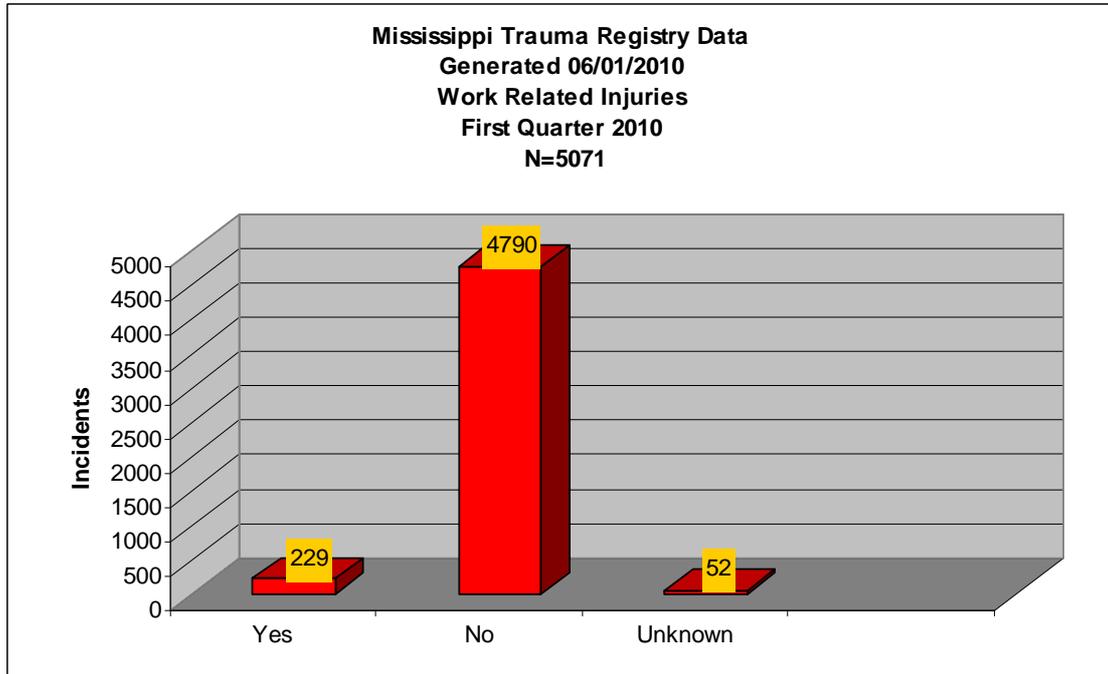
Trauma Data
Age and Gender



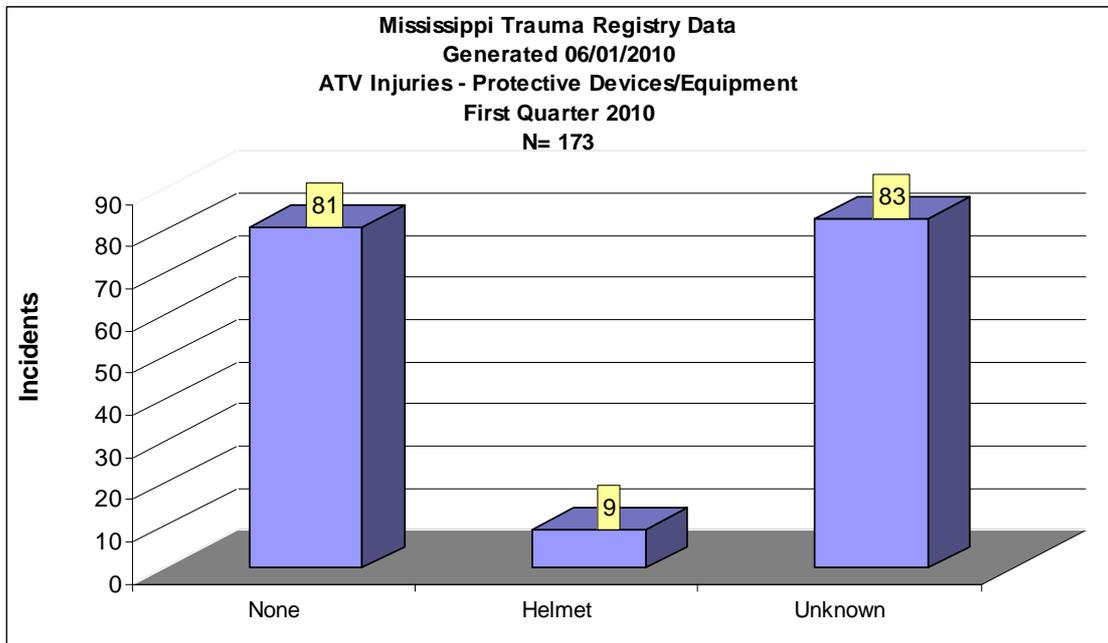
The top 7 mechanisms of injury



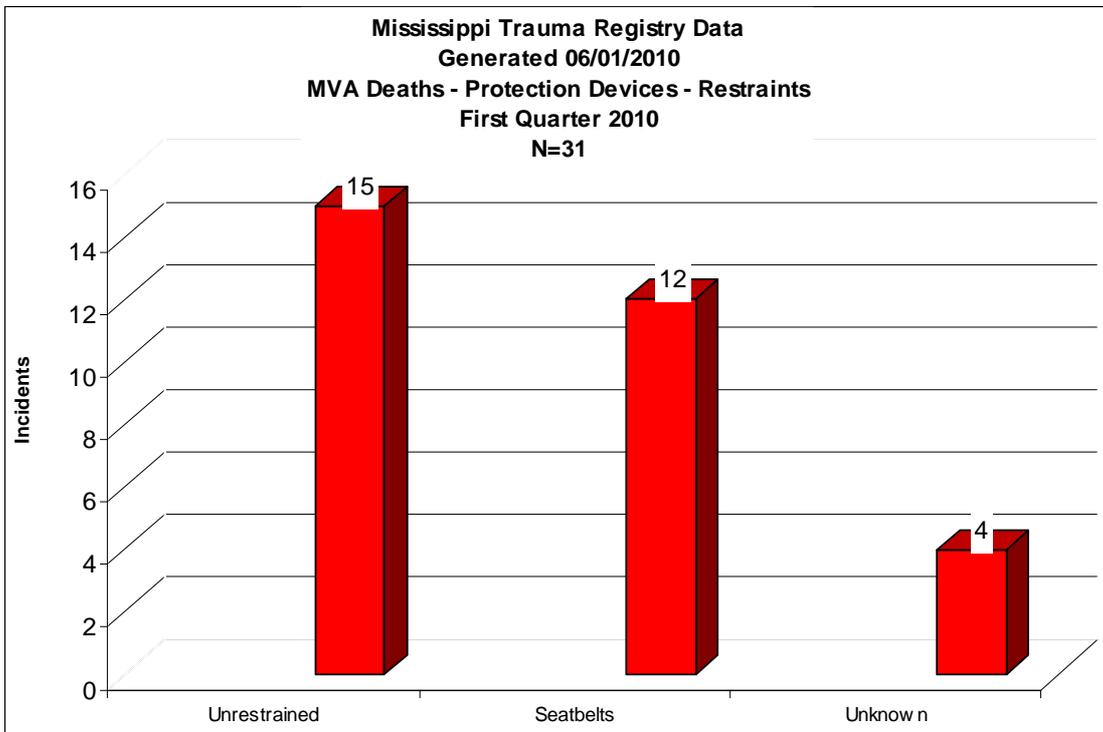
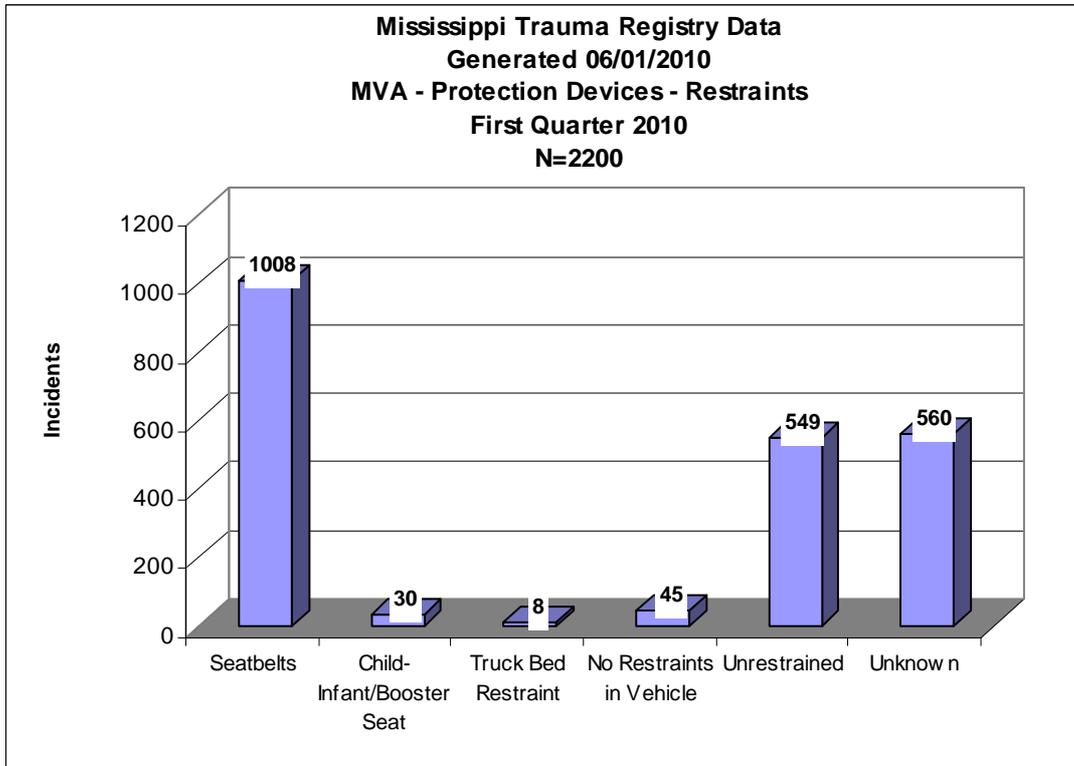
Work related injuries



ATV injuries with Protective Devices/Equipment



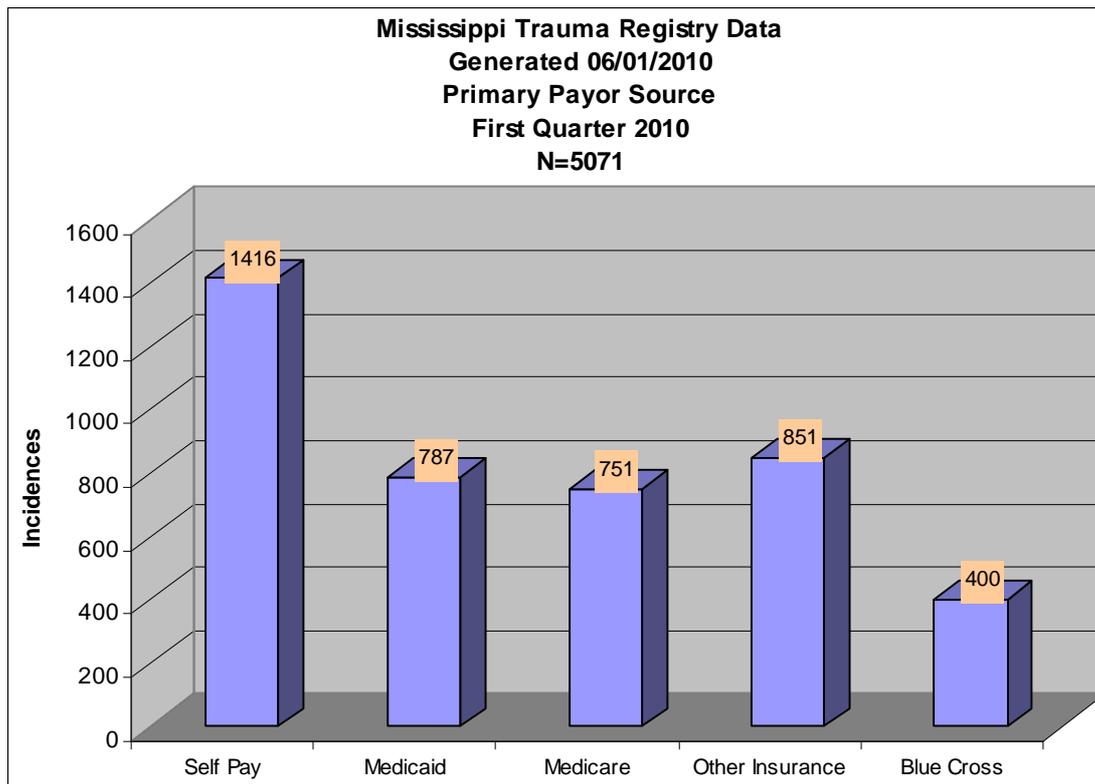
MVA with and without restraints



Performance Improvement Programs

The State Performance Improvement Committee met on May 10, 2010. The consensus of the committee was to develop a State PI Plan. A Plan Subcommittee, chaired by Dr. John Porter, was selected and charged with providing a draft by the next meeting, scheduled for August 9, 2010.

Financial Data



Trauma Care Trust Fund

Fund Balance – February 28, 2010

\$ 7,618,813.13*

Month	Moving Violations	Tag Fee	ATV/Motorcycle Fee	Play or Pay	Total Collected
Mar	656,549.50	709,948.00	28,741.00		1,395,238.50
Apr	1,241,522.52	1,128,780.00	55,260.00		2,425,562.52
May	204,691.46	1,007,064.00	0.00		1,211,755.46
Total	2,102,763.48	2,845,792.00	84,001.00		5,032,556.48

Fund Balance – May 31, 2010

\$12,651,369.61

TCTF Distribution – May 2010

\$12,000,000.00

Trauma Care Region administration increase

\$ 455,000.00

Total Fund Balance – May 31, 2010

\$ 196,369.61

TCTF Fiscal Year Recap

Distribution of the Trauma Care Trust Fund for FY2010 was \$24,680,000.00.

Level I-III Trauma Centers \$20,400,000.00 (Minimum of \$6,120,000.00 further distributed to physicians supporting the trauma program, as determined by the hospital)

Level IV Trauma Centers \$680,000.00 (\$10,000.00 per year stipend)

EMS providers \$3,600,000.00 (Distribution based on county census)

* The Governor directed a reduction in Special Funds effective February 5, 2010. The Trauma Care Trust Fund was reduced by \$4,000,000.00 in accordance with the Governor's directive.

Uncompensated Trauma Care Audits

March 22-26, 2010 Delta Regional Medical Center, Greenville
 April 12-16, 2010 North Mississippi Medical Center, Tupelo
 April 19-23, 2010 University of Mississippi Medical Center, Jackson
 May 24-28, 2010 Regional Medical Center, Memphis