



# **System Report**

**March 1, 2013 – May 31, 2013**

**Data Period - First Quarter 2013  
(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**

**May 31, 2013**

## Introduction

The goal of the Mississippi Trauma Care System is to deliver the **right** patient to the **right** hospital the **first** 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:

<b>Trauma Registry Users' Group Meeting            Jackson, Mississippi            April 23, 2013</b>				
<b>Last Name</b>	<b>First Name</b>	<b>Region</b>	<b>Facility</b>	<b>Total</b>
Anderson	Linda	Delta	Bolivar Medical Center	1
Barrow	Christy	Delta	Patients' Choice Medical Center	1
Cox	Betty	Central	MS Baptist Medical Center	1
Evans	Dean	Central	River Oaks Hospital	1
Furtick	Diane	North	North MS Medical Center-Tupelo	1
Gordan	Kristen	SW	Field Mem Community Hosp	1
Graves	Pam	Central	St. Dominic Jackson Memorial Hospital	1
Holmes	Amy	Delta	Delta Reg Med Center	1
Jones	Candance	Central	University MS Medical Center	1
Lafayette	Mindy	Delta	Baptist Mem Hospital DeSoto	1
Mathis	Sandra	Coast	Memorial @Gulfport	1
McCullum	Monica	SE	Forrest General Hospital	1
McDaniels	Kim	SW	Field Mem Community Hosp	1
Moody	Vicky	Central	MS Baptist Medical Center	1
Murphy	Monica	Delta	Greenwood Leflore	1
Nesenson	Amber	Central	St. Dominic Jackson Memorial Hospital	1
Rodgers	Angelita	Delta	Bolivar Medical Center	1
Rowe	Geri	Central	Central Mississippi Medical Center	1
Sanderson	Belinda	North	Gilmore Memorial Regional Medical Center	1
Smalley	Gloria	SE	SETCR Trauma Nurse Coordinator	1
Smith	Amanda	SW	Lawrence Co Hospital	1
Smith	Barbara	Central	Central Mississippi Medical Center	1
Thornton	Julie	Central	Crossgates River Oaks	1
Walker	Becky	Delta	Bolivar Medical Center	1
White	Memree	EC	John C Stennis	1
Wilson	Lisa	North	North MS Medical Center-Tupelo	1
Windham	Teresa	Delta	Baptist Mem Hospital DeSoto	
Wright	Kim	North	North MS Medical Center-Tupelo	1
<b>Total Users Attended</b>				<b>27</b>

<b>Trauma Registry Software Training Jackson, Mississippi May 1-3, 2013</b>						
<b>Last Name</b>	<b>First Name</b>	<b>Region</b>	<b>Facility</b>	<b>Day 1 May 1</b>	<b>Day 2 May 2</b>	<b>Day 3 May 3</b>
Barrow	Christy	Delta	Patients Choice- Humphreys	1	1	
Cox	Betty	Central	MS Baptist Health Systems	1	1	1
Furtick	Diane	North	NMMC Tupelo	1	1	1
Gordon	Kristen	SW	Field Memorial Hospital	1	1	1
Green	Allen	Delta	Grenada Lake Medical Center	1	1	1
Jackson	Kelvin	Central	University Hospitals - Holmes Co.	1		
Johnston	Michael	Central	Baptist Memorial Hospital - Leake	1	1	
Jones	Candance	Central	UMMC	1	1	1
Knight	Bobbie	SE	South Central Reg Med Center	1	1	
McDaniels	Kim	SW	Field Memorial Hospital	1	1	1
Moody	Vicky	Central	Baptist Memorial Hospital - Leake	1	1	1
Rowe	Geri	Central	J.M. Still - Brandon/Jackson	1	1	1
Thornton	Julie	Central	Crossgates River Oaks	1		
Toomer	Linnie	SE	Stone Co. Hospital	1	1	1
Welch	Danielle	SE	South Central Reg Med Center	1	1	
Williams	Cathy	North	Tallahatchie General Hospital	1		
Wilson	Lisa	North	NMMC Tupelo	1	1	1
<b>Total Users Attended</b>				<b>17</b>	<b>14</b>	<b>10</b>

**Trauma Center Consultation Visits:**

No consultation/educational visits during this period.

**Trauma Center Inspections:**

No inspections during this period.

**Trauma Center Designations:**

The following hospitals have received designation as a Level IV adult Trauma Center and Primary Pediatric Trauma Center:

- Gilmore Memorial Regional Medical Center, Amory

Currently, the system is comprised of:

- Three Level I Trauma Centers (UMMC, Jackson; Regional Medical Center, Memphis; University of South Alabama, Mobile);
- One stand-alone Tertiary Pediatric Trauma Center (Le Bonheur Children's Hospital, Memphis);
- One designated Burn Center (J.M. Still Burn Center at Crossgates River Oaks Hospital, Brandon);
- Four Level II Trauma Centers (North Mississippi Medical Center, Tupelo; Forrest General Hospital, Hattiesburg; Memorial Hospital of Gulfport, Gulfport; Singing River Hospital, Pascagoula);
- Fifteen Level III Trauma Centers; and
- Fifty nine Level IV Trauma Centers.

### **Mississippi Trauma Advisory Committee (MTAC) Activities:**

MTAC held its quarterly meeting on April 23, 2013 in the Cobb Auditorium:

- There are currently no new proposed changes to the Trauma Care System Regulations; the changes approved by the Board of Health at their April 10, 2013 meeting became effective May 16, 2013.
- The next meeting of the MTAC Rules and Regulations/Functionality Sub-Committees is scheduled for June 11, 2013.
- The Trauma Registry Sub-committee met on May 21, 2013.
- The next meeting of MTAC is scheduled for July 24, 2013 in the Cobb Auditorium.

**Trauma Data:**

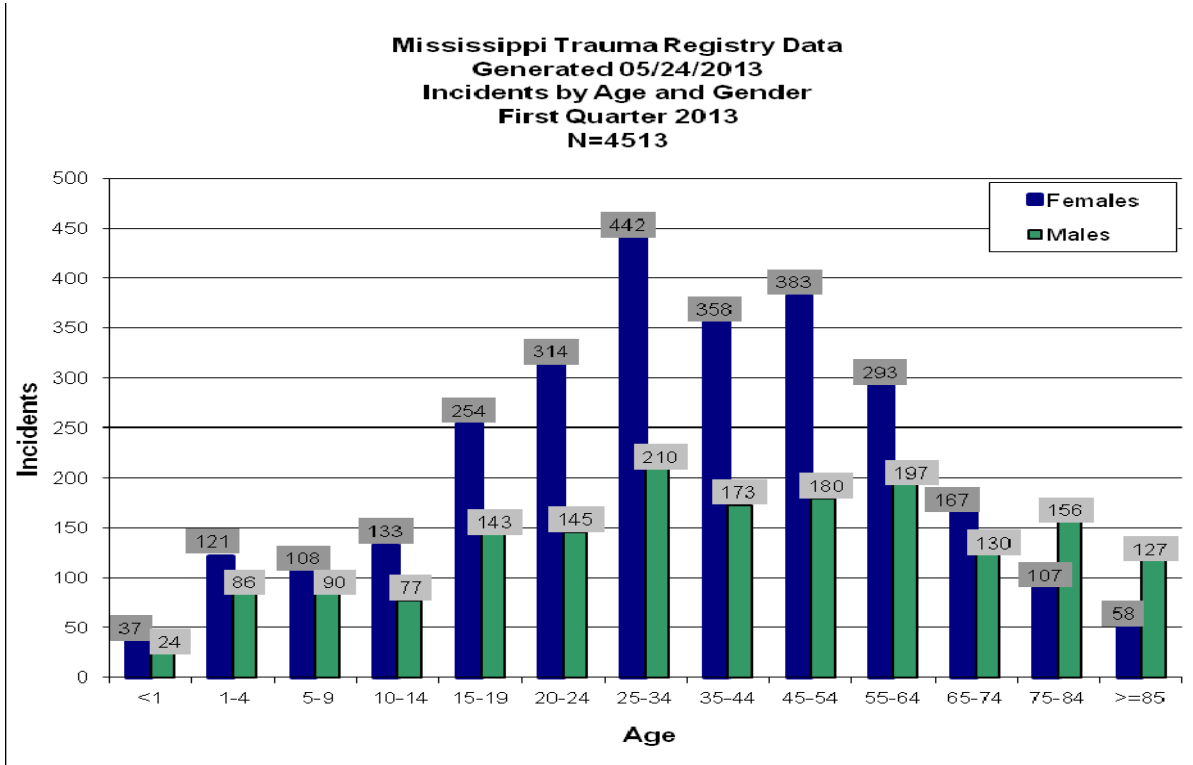
***Injury Severity Score (ISS) Summary for Level I-III Trauma Centers***

**Mississippi Trauma Registry Data**  
**Injury Severity Score Summary for Level I to Level III Hospitals**  
**Generated 05/24//2013**  
**First Quarter 2013**  
**N = 3513\***

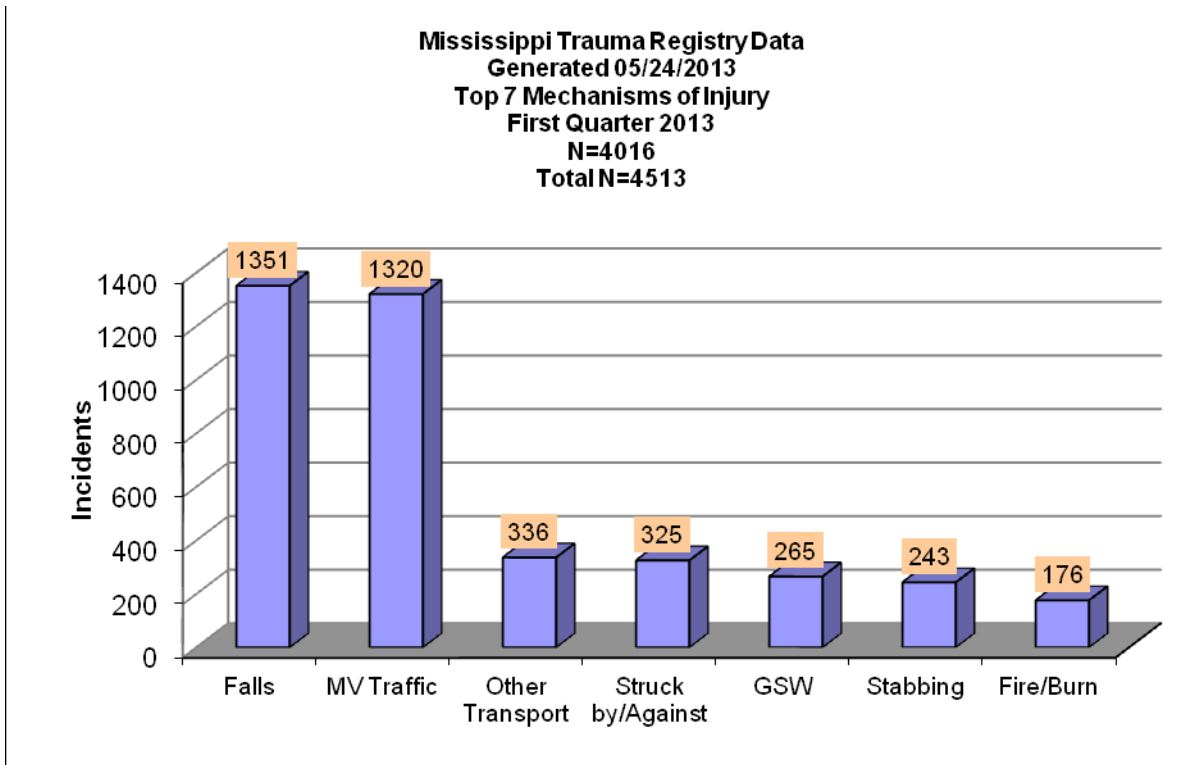
<b>Facility</b>	<b>Site ID</b>	<b>ISS 1-9</b>	<b>ISS 10-15</b>	<b>ISS 16-24</b>	<b>ISS&gt;24</b>	<b>Total Patients</b>
Anderson Regional Medical Center-North	237	33	16	7	0	56
Baptist Memorial Hospital-Desoto	318	348	21	0	2	371
Baptist Memorial Hospital-GoldenTriangle	253	242	8	1	0	251
Baptist Memorial Hospital-North Miss.	228	52	7	2	1	62
Biloxi Regional Medical Center	299	41	13	7	2	63
Central MS Medical Center	240	46	7	2	1	56
Delta Regional Medical Center	189	52	3	1	0	56
Forrest General Hospital	141	376	71	27	5	479
Garden Park Medical Center	272	45	3	3	2	53
LeBonheur Children's Medical Center	901	84	4	3	1	92
Magnolia Hospital	248	62	11	3	3	79
Memorial Hospital at Gulfport	28	135	20	6	1	162
North MS Medical Center-Tupelo	63	152	26	7	4	189
Ocean Springs Hospital	390	28	4	5	1	38
Oktibbeha County Hospital	269	43	2	1	1	47
Regional Medical Center at Memphis	900	42	7	4	5	58
River Oaks Hospital, Inc.	297	47	2	0	0	49
Rush Foundation Hospital	59	67	10	3	0	80
Singing River Hospital	39	45	7	5	1	58
South Central Regional Medical Center	153	105	9	3	0	117
Southwest Miss Regional Medical Center	251	156	24	1	3	184
Univ of South Alabama Medical Center	914	55	12	16	5	88
University Medical Center	199	637	84	67	37	825
<b>Total</b>		<b>2893</b>	<b>371</b>	<b>174</b>	<b>75</b>	<b>3513</b>

***\*Does not include 1000 patients treated at Level IV Trauma Centers.***

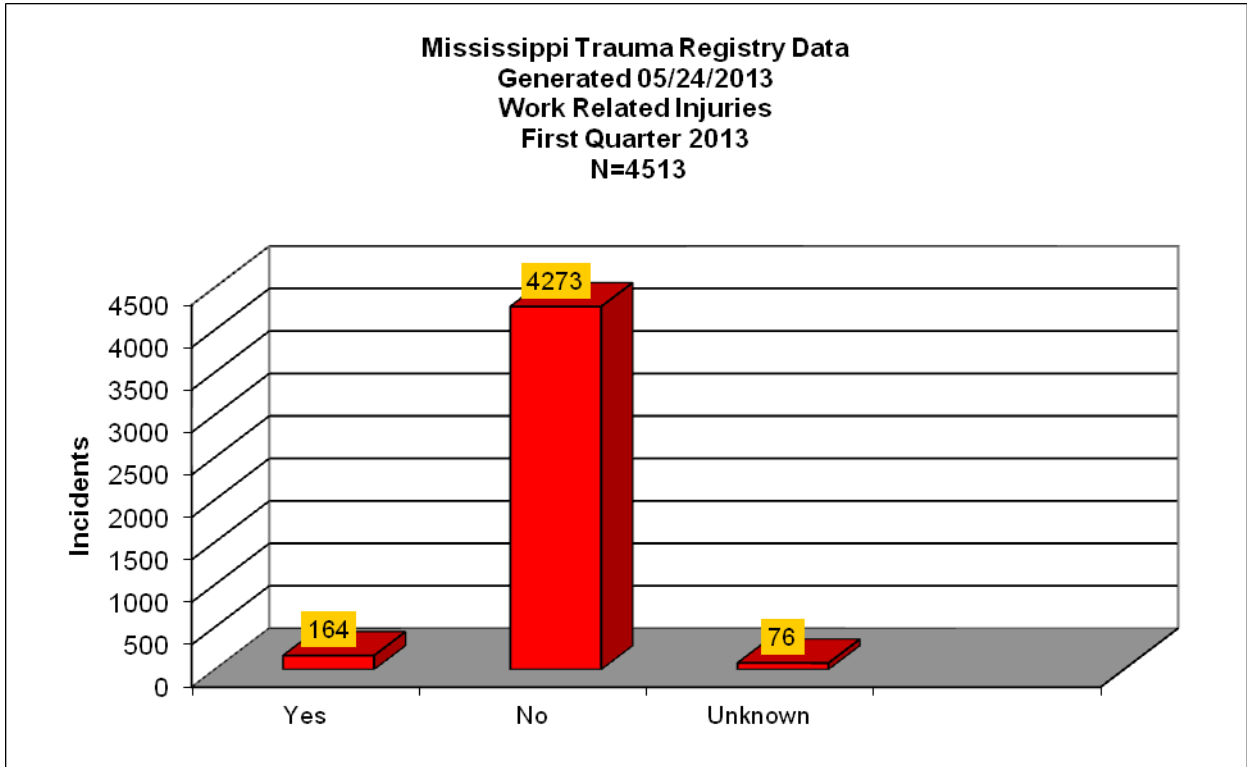
**Age and Gender**



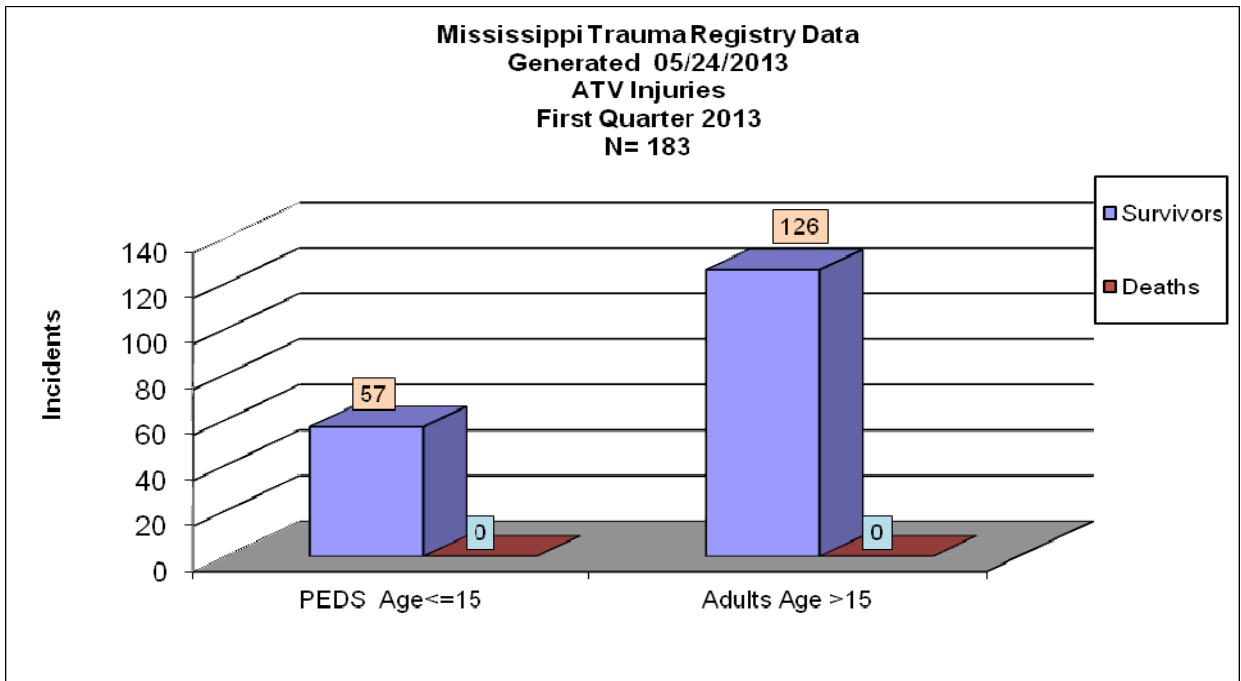
**The top 7 mechanisms of injury**



**Work related injuries**

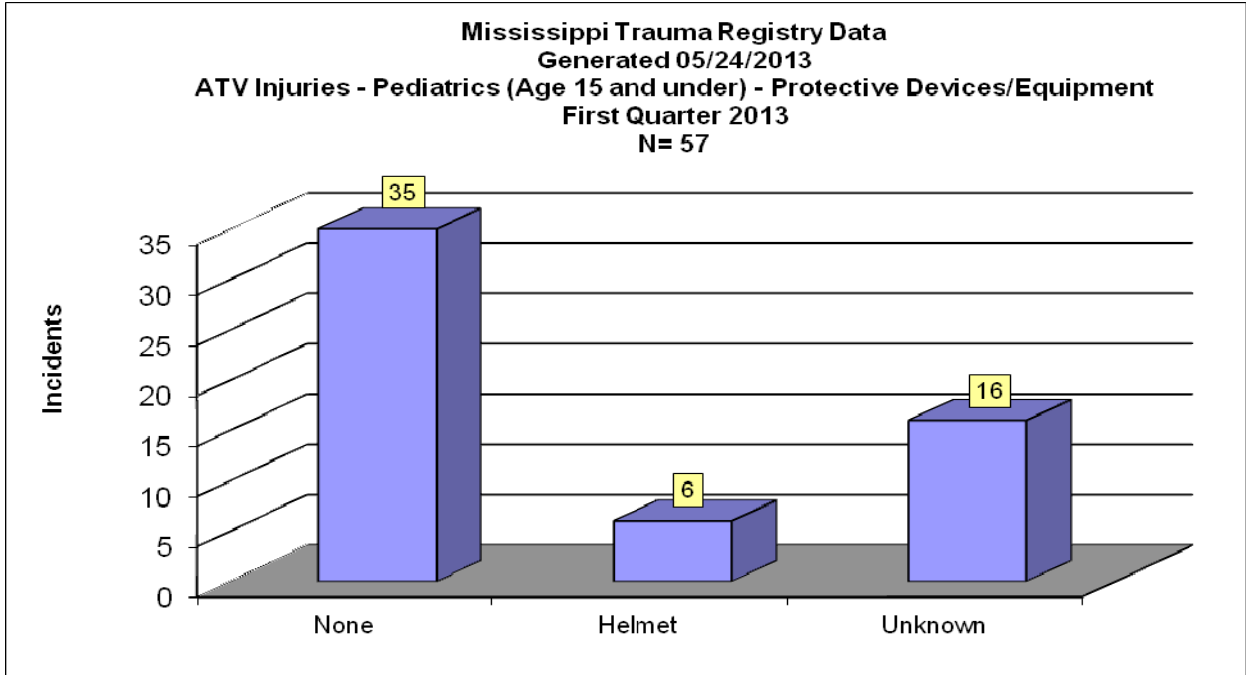


**ATV Injuries and Deaths**

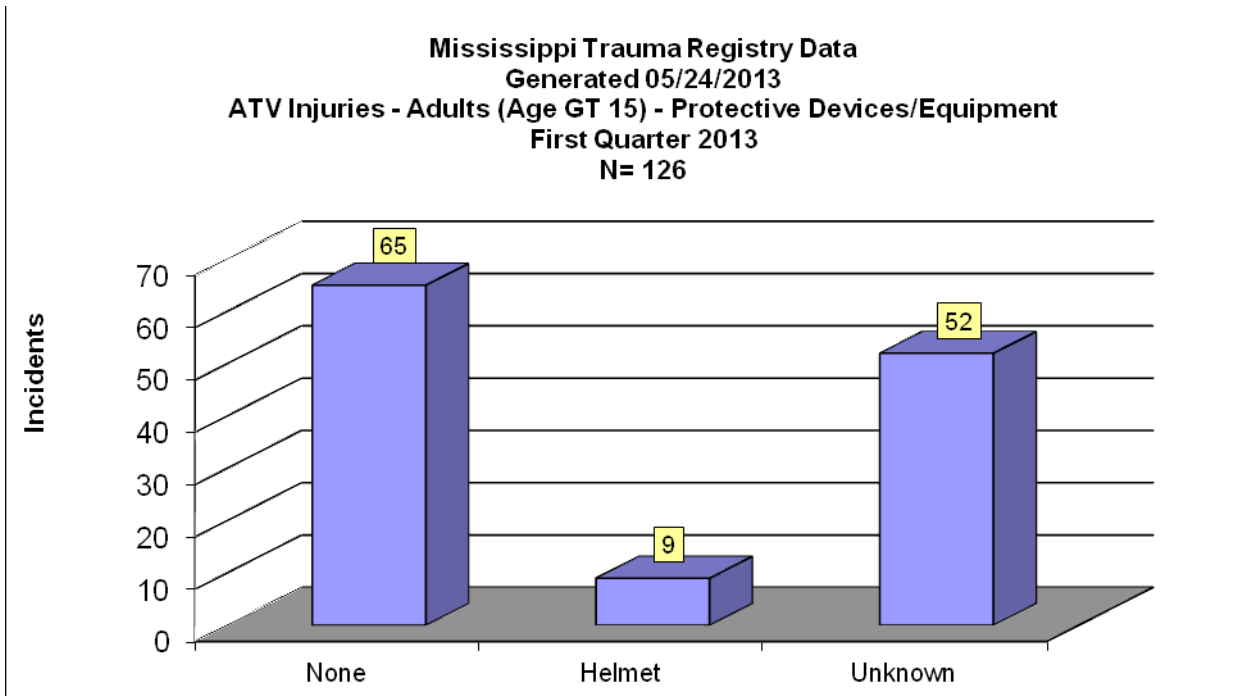




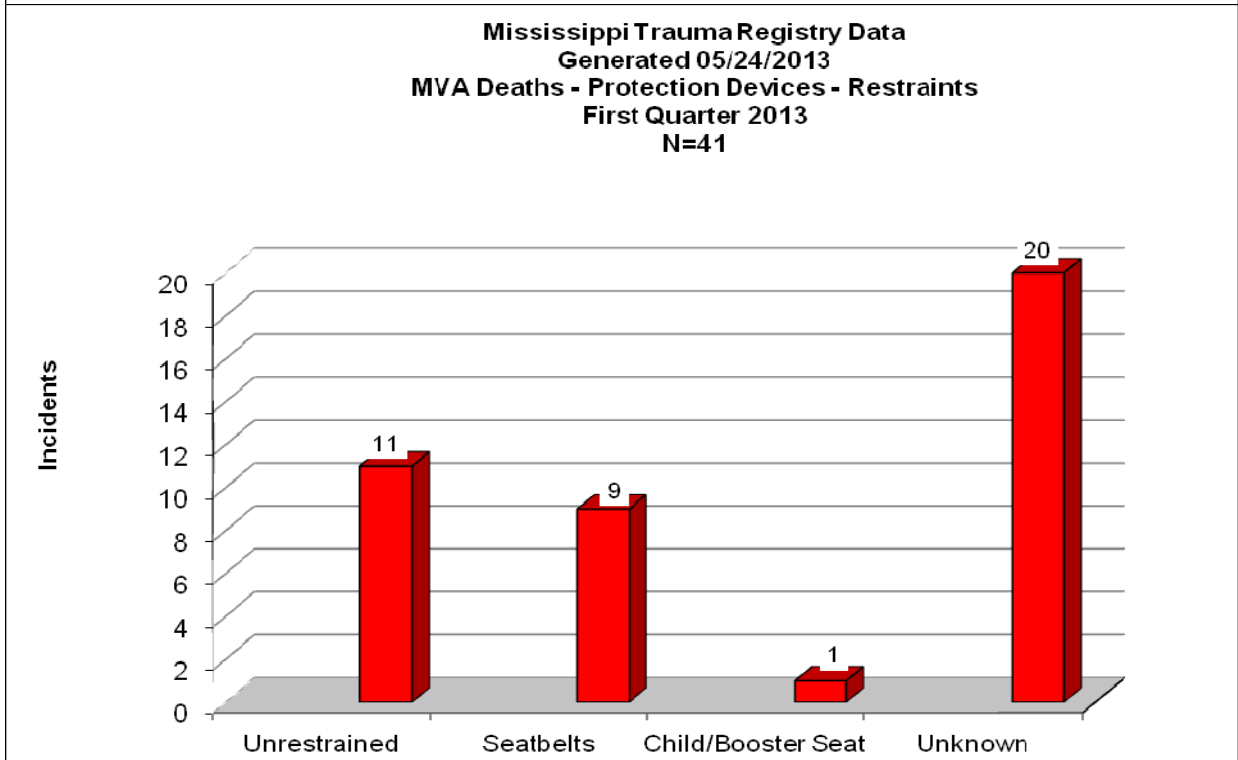
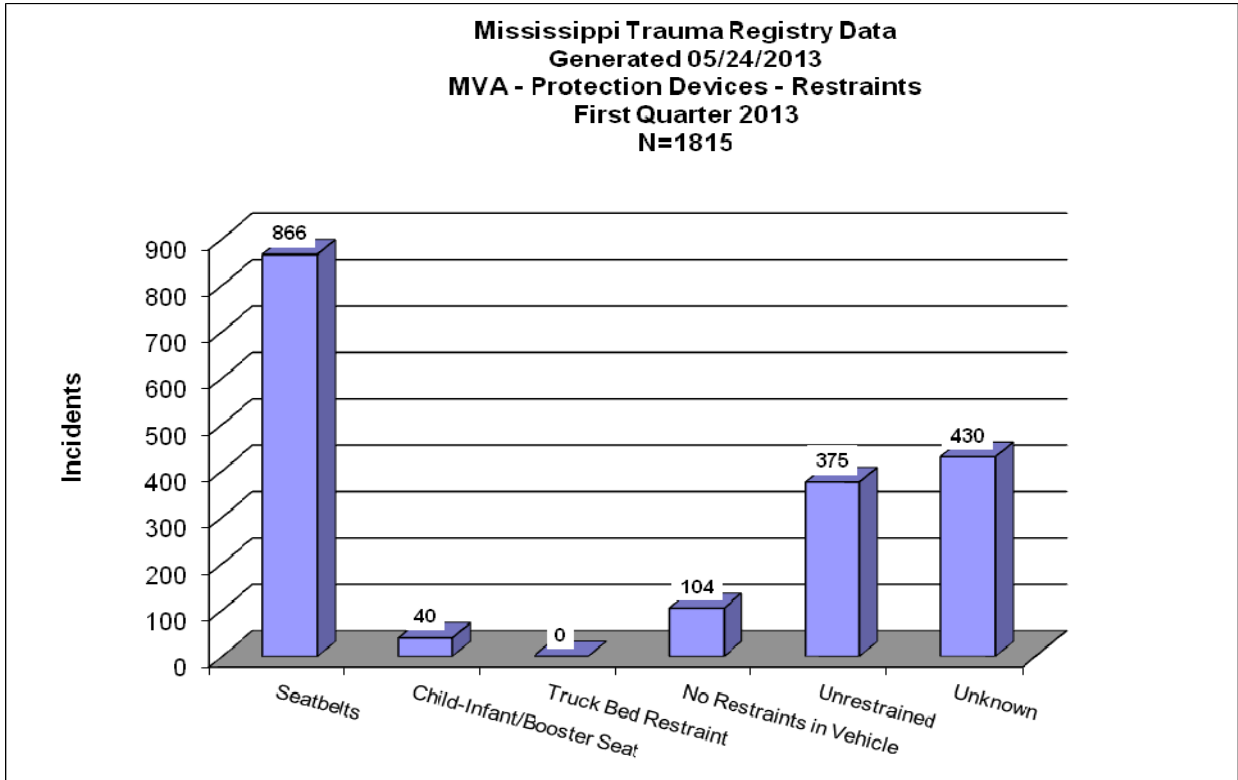
**ATV Injuries and Deaths with Protective Devices (Pediatric)**



**ATV Injuries and Deaths with Protective Devices (Adult)**



**MVA with and without restraints**

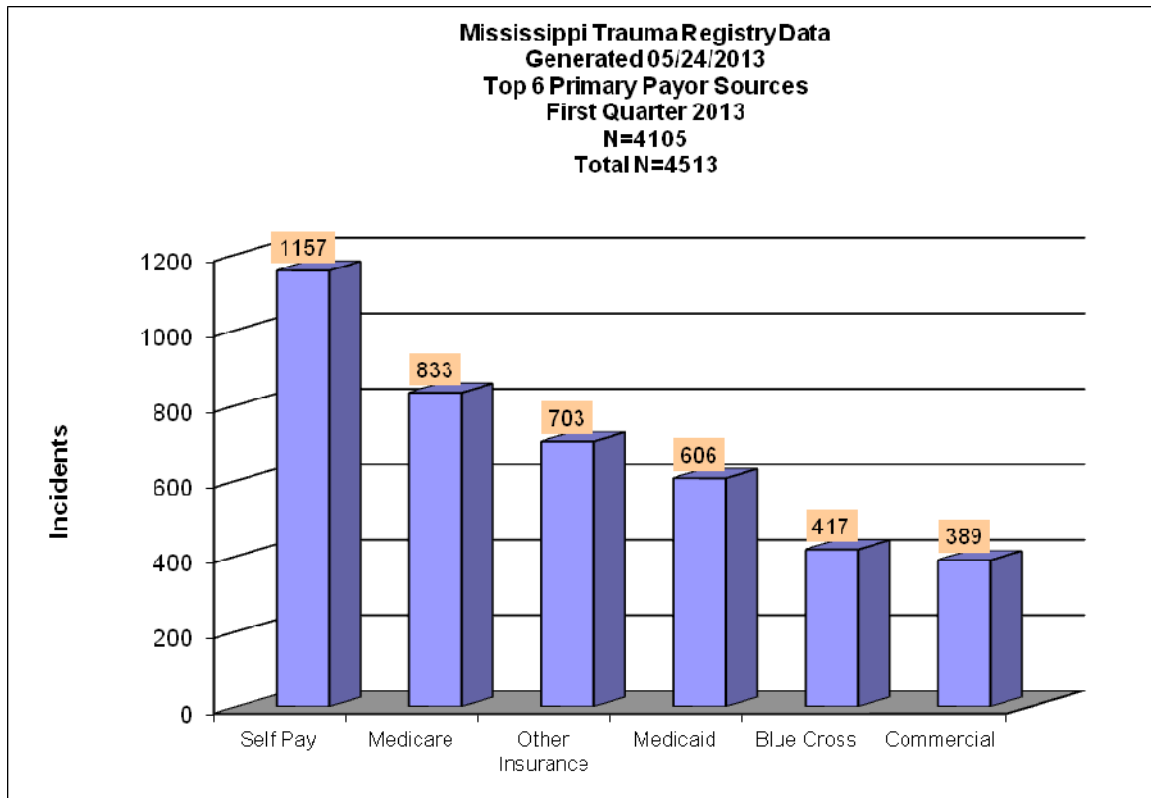


## Trauma Performance Improvement (PI) Program:

### Trauma PI Sub-committee activities:

- The sub-committee last met on February 19, 2013. The chairman of the sub-committee, Dr. John Porter of UMMC, resigned for personal reasons in March, 2013. A search is currently underway for a new chairman.

### Financial Data:



**Trauma Care Trust Fund:**

**Fund Total – February 28, 2012**

**\$ 6,326,333**

<b>Month</b>	<b>Moving Violations</b>	<b>Interest</b>	<b>Tag Fee</b>	<b>ATV/ Motorcycle Fee</b>	<b>Play or Pay/ Other</b>	<b>Total Collected</b>
March	\$861,170	\$8,418	\$745,420	\$43,700	\$0	\$1,658,708
April	742,561	3,921	1,148,180	76,170	257	1,971,089
May	615,136	6,363	988,012	93,753	0	1,703,265
<b>Total</b>	<b>\$2,218,867</b>	<b>\$18,702</b>	<b>\$2,881,612</b>	<b>\$213,623</b>	<b>\$257</b>	<b>\$5,333,062</b>

**Fund Sub-total – May 31, 2013**

**\$ 11,659,395**

**FY14 Region contract payments**

**- 820,000**

**FY14 administrative costs**

**- 500,000**

**Obligated for June 2013 TCTF Distribution**

**\$ 10,339,395**