



System Report

September 1, 2014 – November 30, 2014

**Data Period – Third Quarter 2014
(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 21, 2014

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:

Trauma Registry Users' Group Attendees October 16, 2014				
Ct	Last Name	First Name	Region	Facility
1	Adams	Kim	Central	Claiborne County Hospital
2	Birdwell	Belinda	Central	Madison River Oaks Medical Center
3	Carter	Josephine	Central	MS Baptist Medical Center
4	Dorsey	Gina	Central	River Oaks Hospital
5	Graves	Pam	Central	St. Dominics Hospital
6	Hall	Angie	Central	Madison River Oaks Medical Center
7	Holmes	Amy	Delta	Delta Regional
8	Knight	Bobbie	Southeast	South Central Regional Medical Center
9	Knight	Mack	Southeast	Wesley Medical Center
10	Mathis	Sandra	Costal	Memorial Hospital at Gulfport
11	Maurer	Stacey	Costal	Biloxi Regional Medical Center
12	Murphy	Monica	Delta	Greenwood Leflore Hospital
13	Parker	Ellen	Delta	Methodist Health Care Olive Branch Hospital
14	Pennington	Linda	Southeast	Wesley Medical Center
15	Sheppard	Sam	Delta	LeBonheur Children's Hospital
16	Shultis	Betsy	Costal	Biloxi Regional Medical Center
17	Smalley	Gloria	Southeast	Southeast Regional Administrator
18	Smith	Barbara	Central	Central Mississippi Medical Center
19	Stewart	Kathryn	Delta	LeBonheur Children's Hospital
20	Strayer	Karlene	Central	MS Baptist Medical Center
21	Terrell	Janet	E. Central	Anderson Regional Medical Center
22	White	Cori	Delta	Greenwood Leflore Hospital
23	Windham	Teresa	Delta	Baptist Medical Hospital - DeSoto

Collector CV4 and ReportWriter Training Attendees November 5-7, 2014

Ct	Last Name	First Name	Region	Facility
1	Adams	Kim	Central	Claiborne County Medical Center
2	Bodin	Amanda	Coast	Biloxi Regional Med Center
3	Carson	Rebekah	Delta	UMMC-Grenada
4	Carter	Josephine	Central	MS Baptist Health Systems
5	Chandler	Glenda	Coast	George Regional Med Center
6	Cohea	Deborah	Central	KDH-Yazoo
7	Cupit	Mindy	Southwest	Franklin County Hospital
8	Dorsey	Gina	Central	River Oaks Hospital
9	Dyess	Betty	Central	Baptist Mem Hosp- Leake Co.
10	East	Anita	Central	UMMC
11	Farmer	Shannon	Delta	Tyler Holmes Mem Hospital
12	Flowers	Christy	Delta	UMMC-Grenada
13	Flowers	Edward	Southwest	Franklin County Hospital
14	Gibson	Kay	Central	Montfort Jones
15	Henrikson	Sharon	Central	UMMC
16	James	Juanita	North	Calhoun Health Srvc
17	Johnson	Jade	North	Gilmore Memorial Regional Med Ctr
18	Mathis	Sandra	Coast	Memorial Gulfport
19	Maurer	Stacey	Coast	Biloxi Regional Med Center
20	Moody	Vicky	Central	Baptist Mem Hosp- Leake Co.
21	Moore	Connie	EC	Laird Hospital
22	Page	Judy	MSDH	Trauma System
23	Perkins	Arnold	SW	Natchez Community Hospital
24	Powell	Aaron	SE	Stone County Hospital
25	Rowe	Geri	Central	J.M. Still Burn Center
26	Smiley	Lisa	Delta	Tallahatchie General Hospital
27	Stevens	Courtney	Central	UMMC
28	Strayer	Karlene	Central	MS Baptist Health Systems
29	Westberry	Stacey	Central	J.M. Still Burn Center
30	Wilks	Tammy	Delta	Regional One Health
31	Williams	Cathy	Delta	Tallahatchie General Hospital

Trauma Center Education Visits:

September 16, 2014 Hardy Wilson Hospital, Hazlehurst
October 13, 2014 Biloxi Regional Hospital, Biloxi

Trauma Center Inspections:

No inspections during this period.

Trauma Center Designations:

The following Level IV Trauma Centers were designated during this period:

- Field Memorial Hospital, Centreville
- Franklin County Memorial Hospital, Meadville

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);
- Three Level II Trauma Centers (North Mississippi Medical Center, Tupelo; Forrest General Hospital, Hattiesburg; Memorial Hospital of Gulfport, Gulfport);
- Sixteen Level III Trauma Centers;
- Sixty one Level IV Trauma Centers; and
- One Burn Center (J.M Still @ Central Mississippi Medical Center).

Mississippi Trauma Advisory Committee (MTAC) Activities:

MTAC held its quarterly meeting on October 22, 2014. The committee addressed the following issues:

- The American College of Surgeons (ACS) has released the new 2014 Resources for the Optimal Care of the Injured Patient ("Orange Book"). The Rules and Regulations Sub-committee is conducting a front-to-back review of the Trauma regulations for consistency with the new guide.
- MTAC endorsed a pilot project for the distribution of bleeding control kits to law enforcement officers, based on the recommendations of the ACS "Hartford Consensus."
- MTAC has designated the Mississippi Association of Trauma Administrators (MATA) as a standing advisory group to the committee.

The next meeting of MTAC is scheduled for February 11, 2015.

Trauma Data:

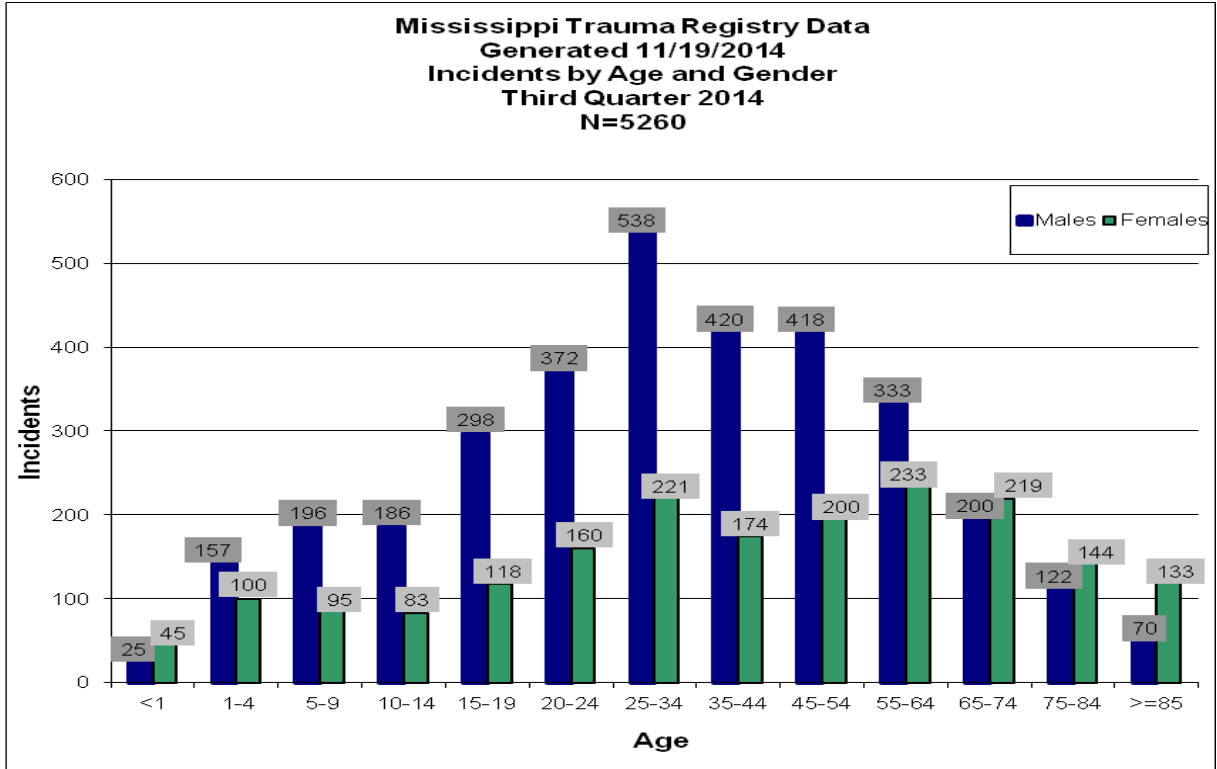
Injury Severity Score (ISS) Summary for Level I-III Trauma Centers

Mississippi Trauma Registry Data
Injury Severity Score Summary for Level I to Level III Hospitals
Generated 11/19/2014
Third Quarter 2014
N = 3922*

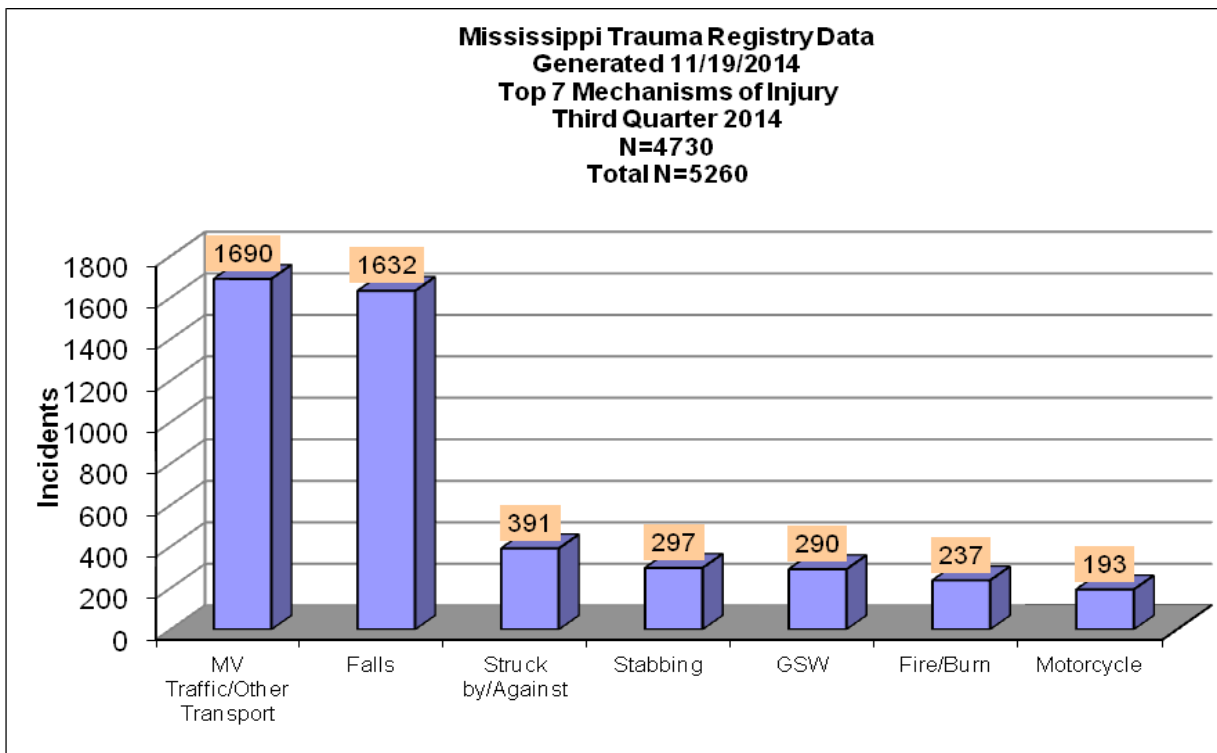
Facility	ISS 1-9	ISS 10-15	ISS 16-24	ISS>24	Total Patients
Anderson Regional Medical Center-North	100	30	8	16	154
Baptist Memorial Hospital-Desoto	212	17	5	4	238
Baptist Memorial Hospital-GoldenTriangle	284	18	8	1	311
Baptist Memorial Hospital-North MS	90	16	1	0	107
Biloxi Regional Medical Center	47	3	1	0	51
Central MS Medical Center	84	5	0	0	89
Delta Regional Medical Center	62	3	1	0	66
Forrest General Hospital	468	68	35	6	577
Garden Park Medical Center	48	2	3	1	54
LeBonheur Children's Medical Center	145	20	8	1	174
Magnolia Hospital	116	11	1	2	130
Memorial Hospital at Gulfport	113	21	10	3	147
North MS Medical Center-Tupelo	274	44	19	5	342
Ocean Springs Hospital	83	5	2	1	91
Oktibbeha County Hospital	51	8	1	1	61
Regional Medical Center at Memphis	45	7	7	7	66
River Oaks Hospital	35	2	0	0	37
Rush Foundation Hospital	63	8	9	0	80
Singing River Hospital	85	7	6	1	99
South Central Regional Medical Center	95	25	11	0	131
Southwest MS Regional Medical Center	88	17	2	3	110
University of South Alabama Medical Center	38	8	6	2	54
University Medical Center	571	91	56	35	753
Total	3197	436	200	89	3922*

****Does not include 1338 patients treated at Level IV Trauma Centers.***

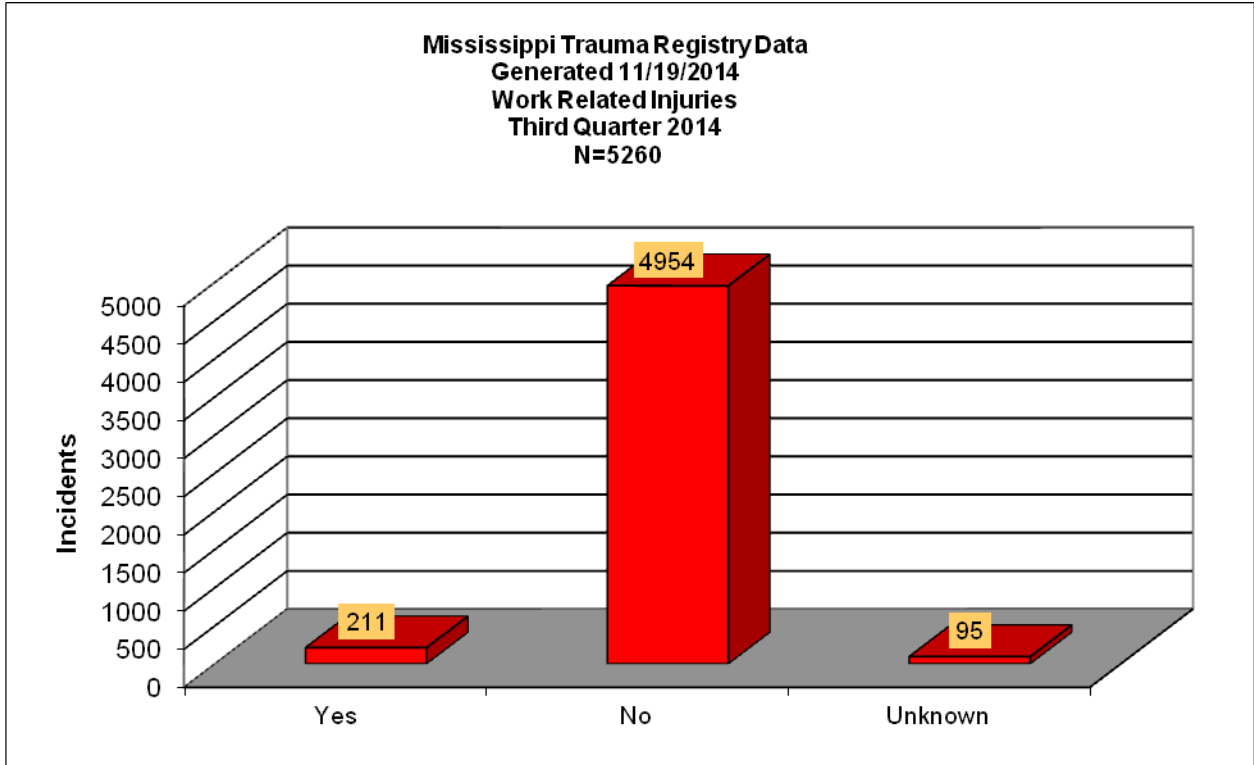
Age and Gender



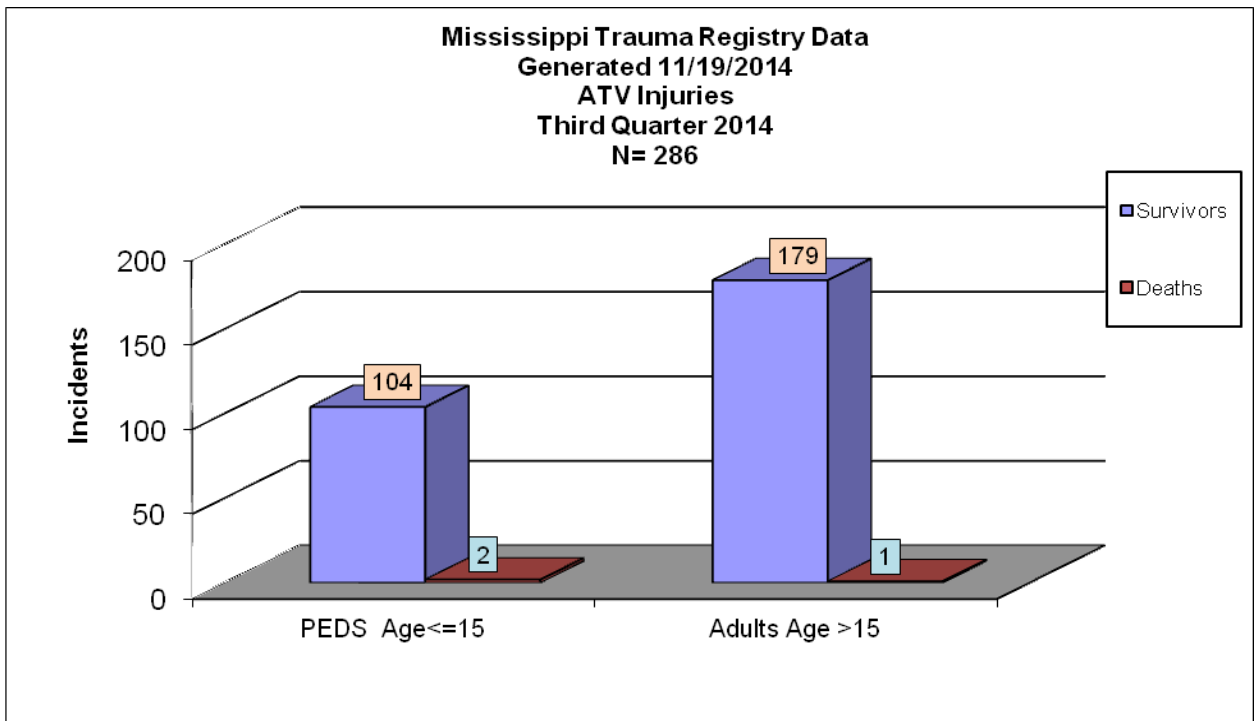
The top 7 mechanisms of injury



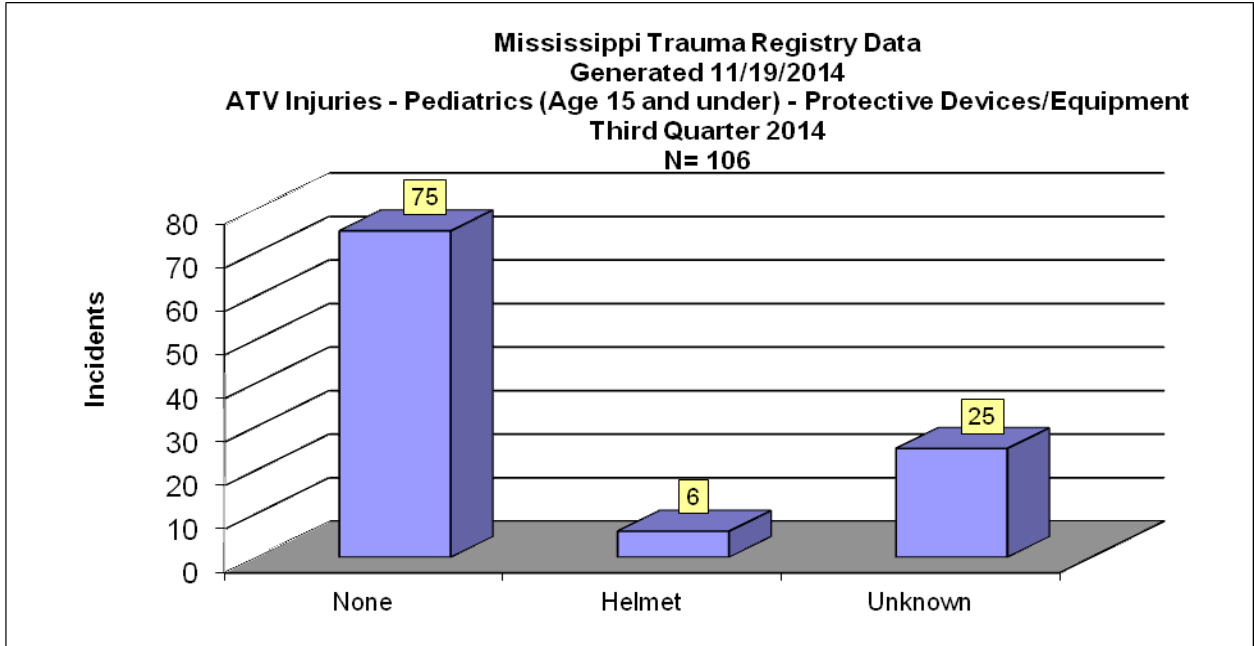
Work related injuries



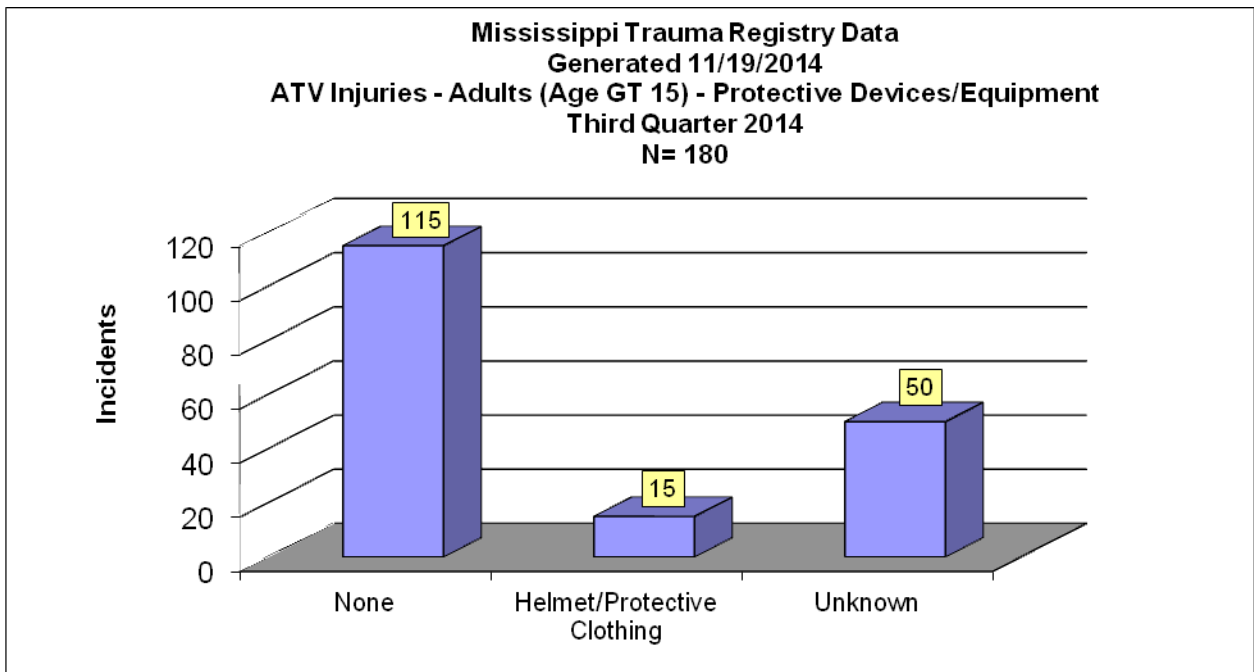
ATV Injuries and Deaths



ATV Injuries and Deaths with Protective Devices (Pediatric)



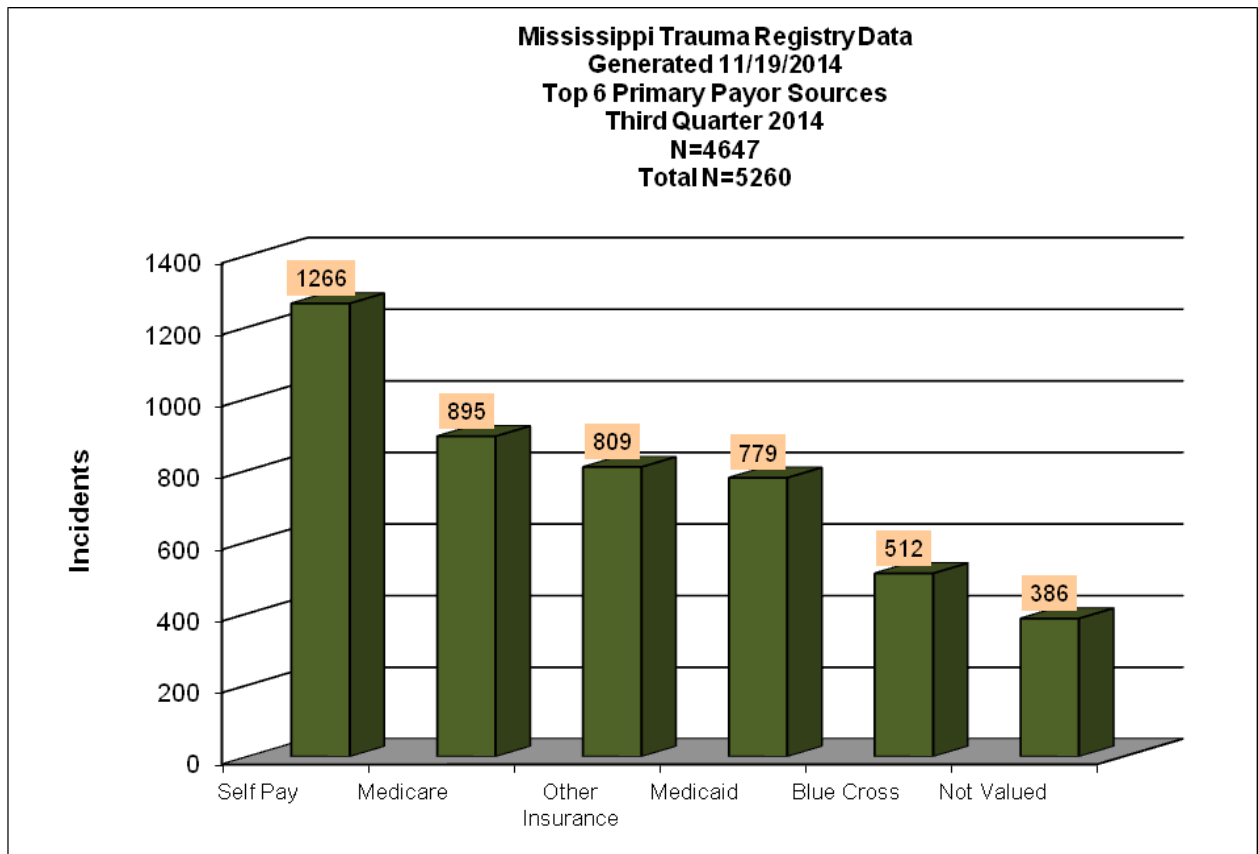
ATV Injuries and Deaths with Protective Devices (Adult)



Trauma Performance Improvement (PI) Program:

- The Trauma PI sub-committee met on August 13, 2014. The sub-committee discussed recurring findings from Trauma Center inspection reports and used the criteria checklist for Level II and Level III Trauma centers to develop the following:
 - Segregated each criterion into clinical or programmatic categories.
 - Using the ACS guidelines, the committee assigned either Type I (critical) or Type II (non-critical) status to each criterion.
- The checklists will be sent to independent consultants for review/approval prior to use.
- The next meeting is scheduled for December 2014 (not a public meeting).

Financial Data:



Trauma Care Trust Fund:

Fund Total – August 31, 2014

\$ 4,053,134

Month	Moving Violations	Interest	Tag Fee	ATV/ Motorcycle Fee	Play or Pay/ Other	Total Collected
September*	\$16,827	No data	\$93,269	\$998,620	\$0	\$1,108,716
October*	No data	No data	No data	No data	\$7,708	\$7,708
November*	No data	No data	No data	No data	No data	No data
Total	\$16,827	No data	\$93,269	\$998,620	\$7,708	\$1,116,424

Fund Sub-total – November 30, 2014

\$ 5,169,558

Obligated for Fall 2014 TCTF Distribution

\$ 5,169,558

***Note: Due to state-wide conversion from SAAS to MAGIC, data is unavailable at the time of this report.**