



System Report

Data Period

(December 2015, January 2016, and February 2016)

Mississippi Trauma Care System

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

Prepared for:

Mississippi State Board of Health

May 3, 2016

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.



Trauma Registry - Quarterly Activities

Trauma Center Education Visits:

None for this reporting period

Trauma Center Inspections:

- 4/28/16 JMS Burn Center, Jackson, MS – On-Site Focused Visit
- 4/29/16 Merit Health River Oaks, Jackson, MS – On-Site Focused Visit

TCTF Financial Audits:

- 4/28/16 Southeast Trauma Region
- 5/5/16 East Central Trauma Region
- 5/9/16 Southwest Trauma Region
- 5/13/16 Central Trauma Region
- 5/23/16 Delta Trauma Region
- 5/26-27/16 North Trauma Region
- 6/9-10/16 Coastal Trauma Region

Trauma Center Designations:

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

- None for this period

Currently, the system is comprised of:

- Three (3) Level I Trauma Centers (UMMC, Jackson; Regional Medical Center, Memphis; University of South Alabama, Mobile);
- One (1) stand-alone Tertiary Pediatric Trauma Center (Le Bonheur Children's Hospital, Memphis);
- Three (3) Level II Trauma Centers (North Mississippi Medical Center, Tupelo; Forrest General Hospital, Hattiesburg; Memorial Hospital of Gulfport, Gulfport);
- Sixteen (15) Level III Trauma Centers;
- Sixty two (62) Level IV Trauma Centers; and
- One Burn Center (J.M. Still at Merit Health Central).

Trauma Performance Improvement (PI) Program:

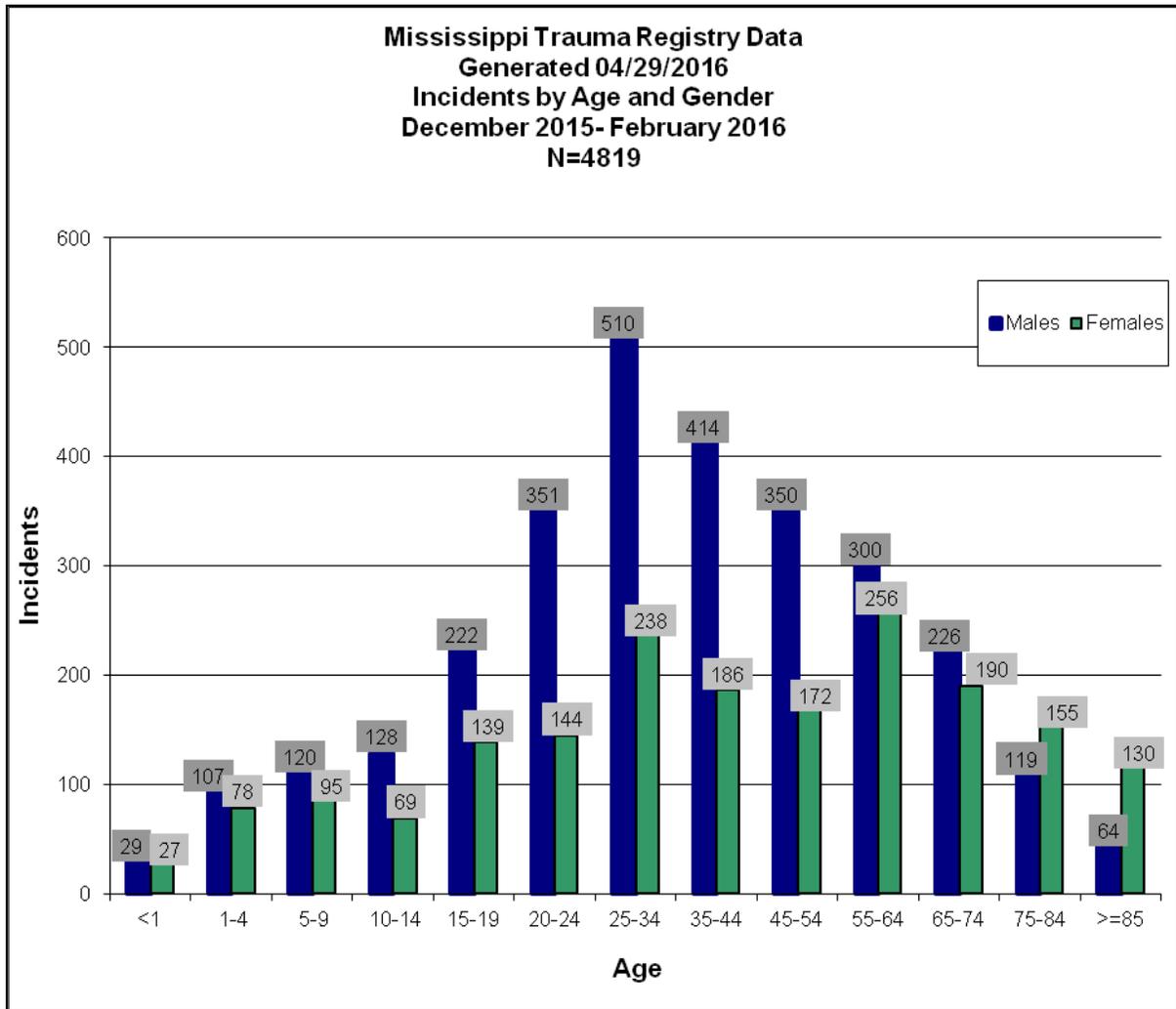
- The Trauma PI Committee met on February 9, 2016. The committee continues to work on core PI indicators; however, the committee has decided to wait to finalize these indicators based on the indicators that will be built and available in the new patient registry, ImageTrend.
- The committee did review overtriage data to make a recommendation on the activation criteria to MTAC.
- The next meeting is scheduled for July 7, 2016 (not a public meeting).

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

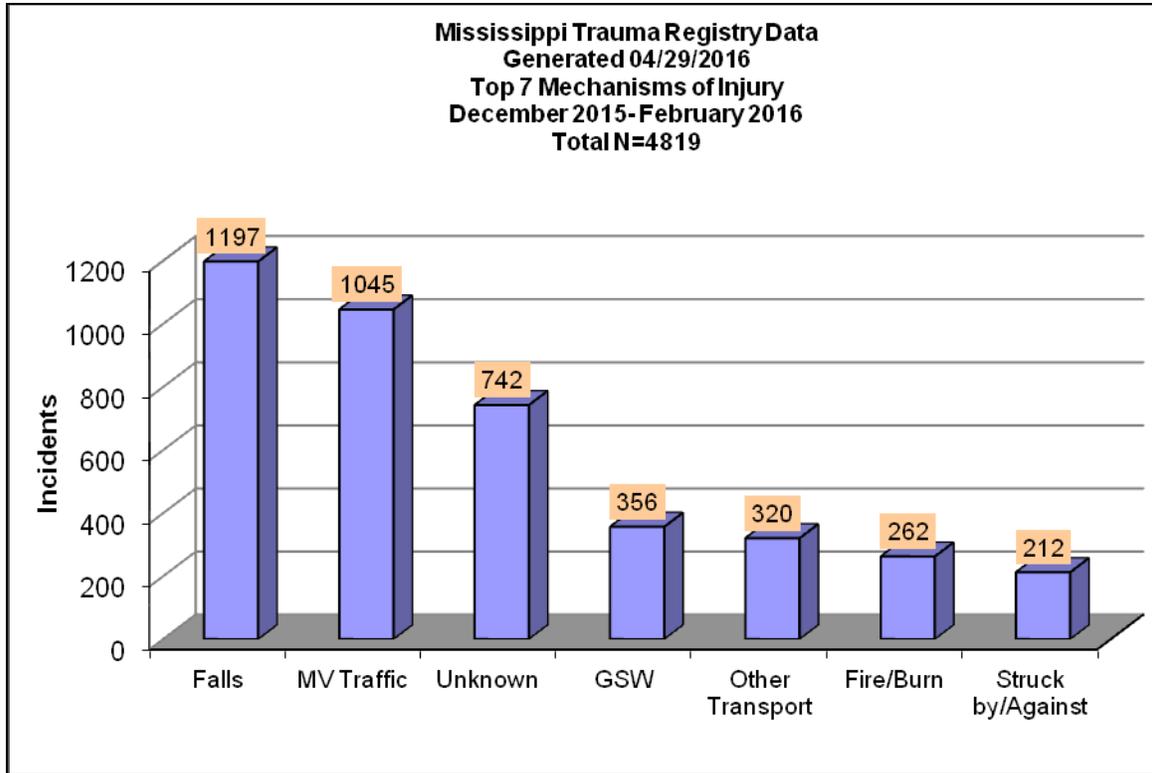
Mississippi Trauma Registry Data					
Injury Severity Score Summary for Level I to Level III Hospitals					
Generated 04/29/2016					
December 2015 - February 2016					
N = 3638					
Facility	ISS 1-9	ISS 10-15	ISS 16-24	ISS>24	Total Patients
Anderson Regional Medical Center-North	102	11	2	2	117
Baptist Memorial Hospital-Desoto	250	20	10	1	281
Baptist Memorial Hospital-GoldenTriangle	128	19	3	2	153
Baptist Memorial Hospital-North Miss.	105	13	1	1	120
Biloxi Regional Medical Center	41	6	3	2	52
Central MS Medical Center	71	7	0	3	81
Delta Regional Medical Center	62	9	3	2	76
Forrest General Hospital	395	60	35	8	498
Garden Park Medical Center	48	3	5	1	57
LeBonheur Children's Medical Center	95	14	8	7	124
Magnolia Hospital	103	13	4	2	122
Memorial Hospital at Gulfport	131	30	8	6	175
North MS Medical Center-Tupelo	288	56	14	16	374
Ocean Springs Hospital	76	10	1	0	87
Oktibbeha County Hospital	30	1	0	0	31
Regional Medical Center at Memphis	42	12	2	6	62
River Oaks Hospital, Inc.	14	2	1	0	17
Rush Foundation Hospital	65	15	6	2	88
Singing River Hospital	86	8	5	0	99
South Central Regional Medical Center	58	17	7	0	82
Southwest Mississippi Regional Medical C	112	13	9	3	137
Univ of South Alabama Medical Center	55	25	16	8	104
University Medical Center	487	128	46	39	701
Total	2844	492	189	111	3636

****Does not include 1,181 patients treated at Level IV Trauma Centers. Also, there are 2 ISS scores not valued.***

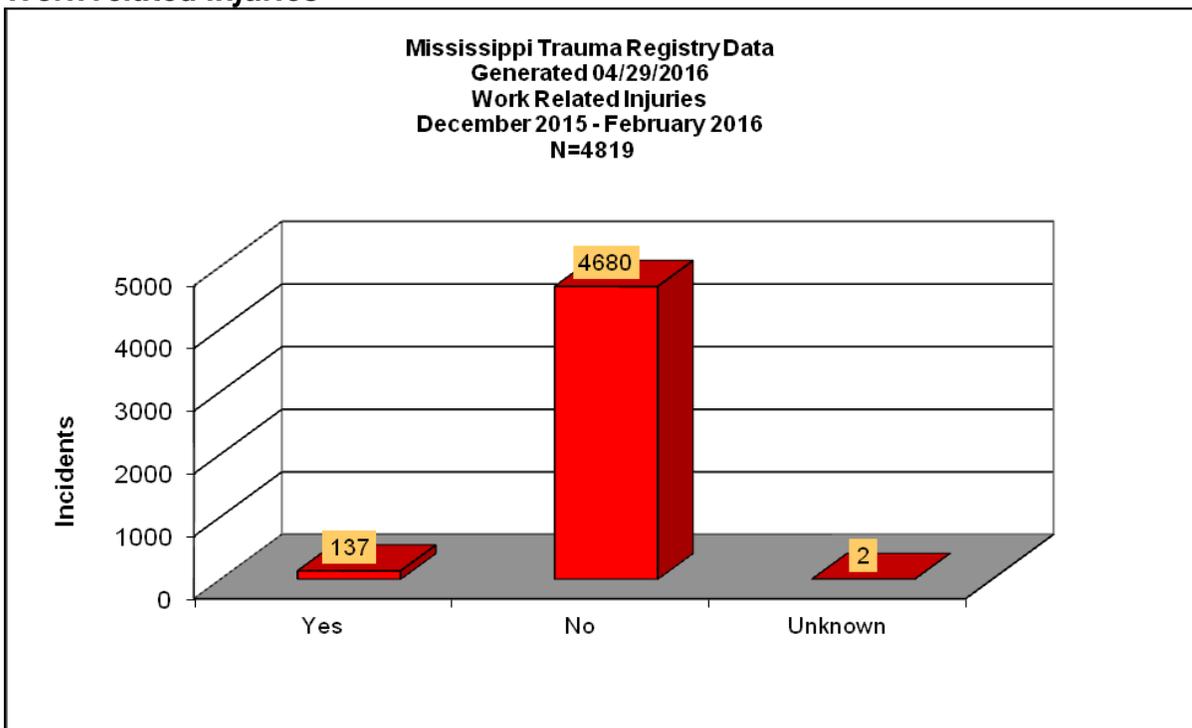
Age and Gender



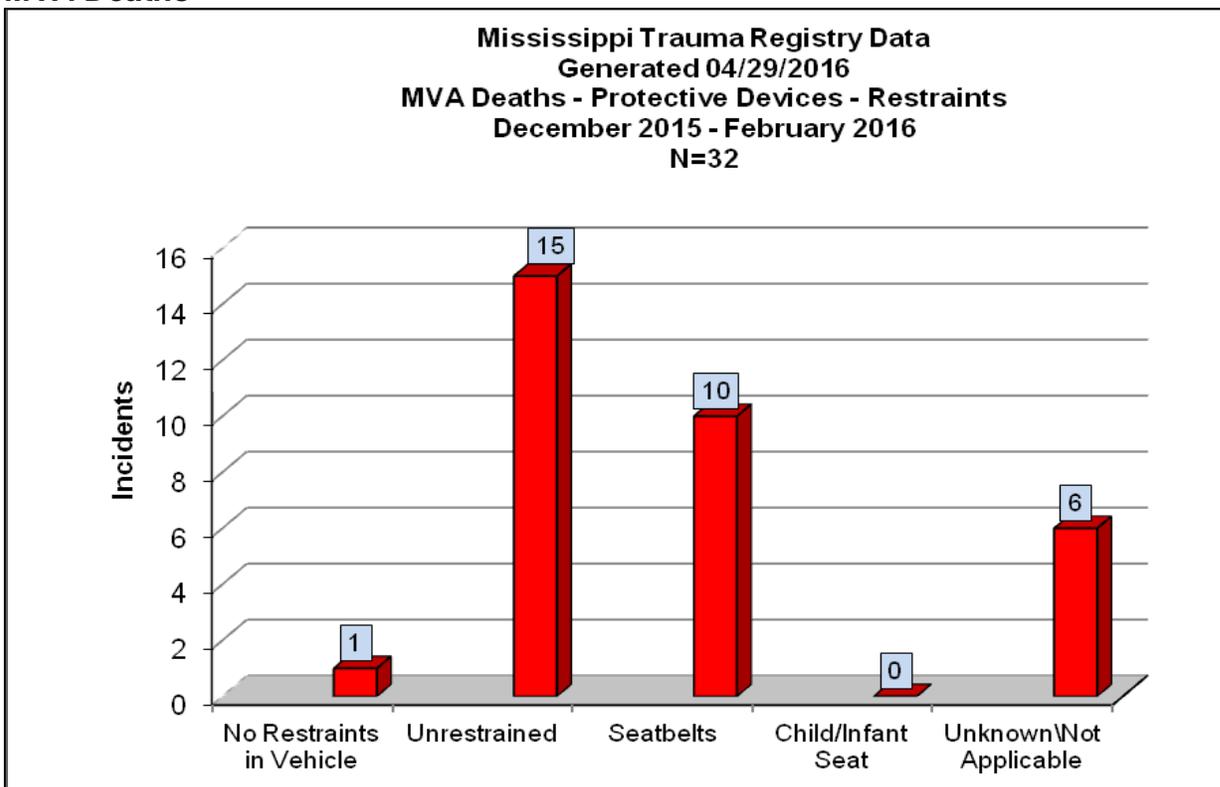
The top 7 mechanisms of injury



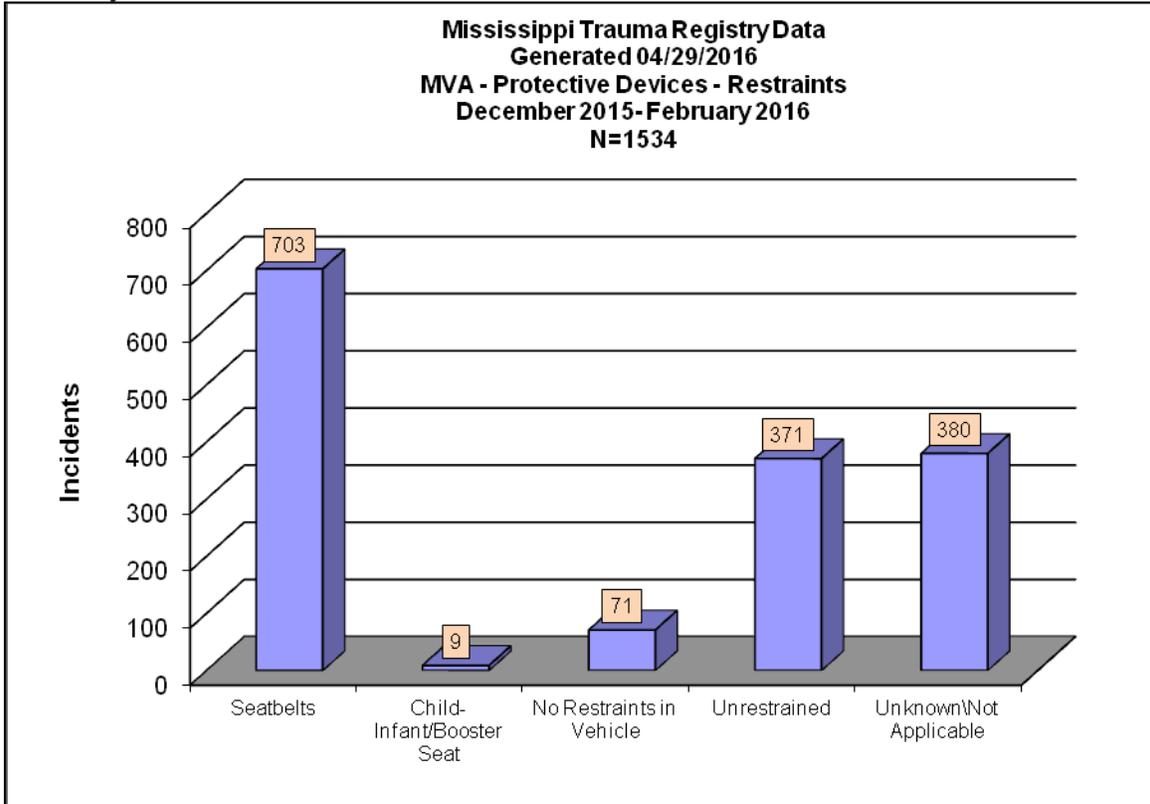
Work related injuries



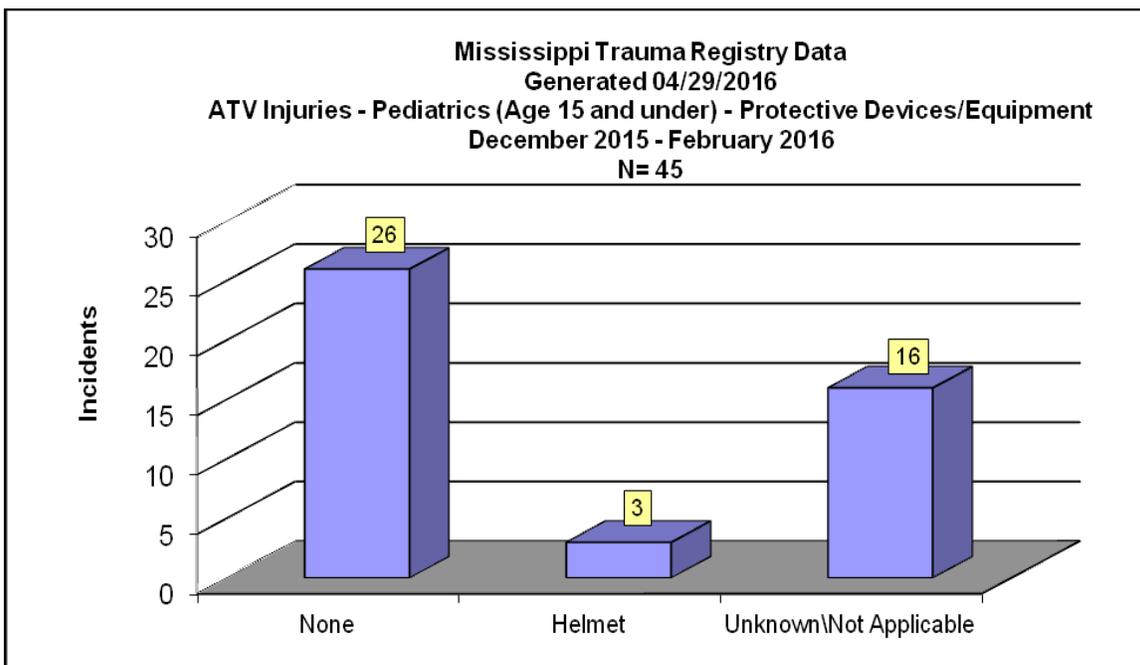
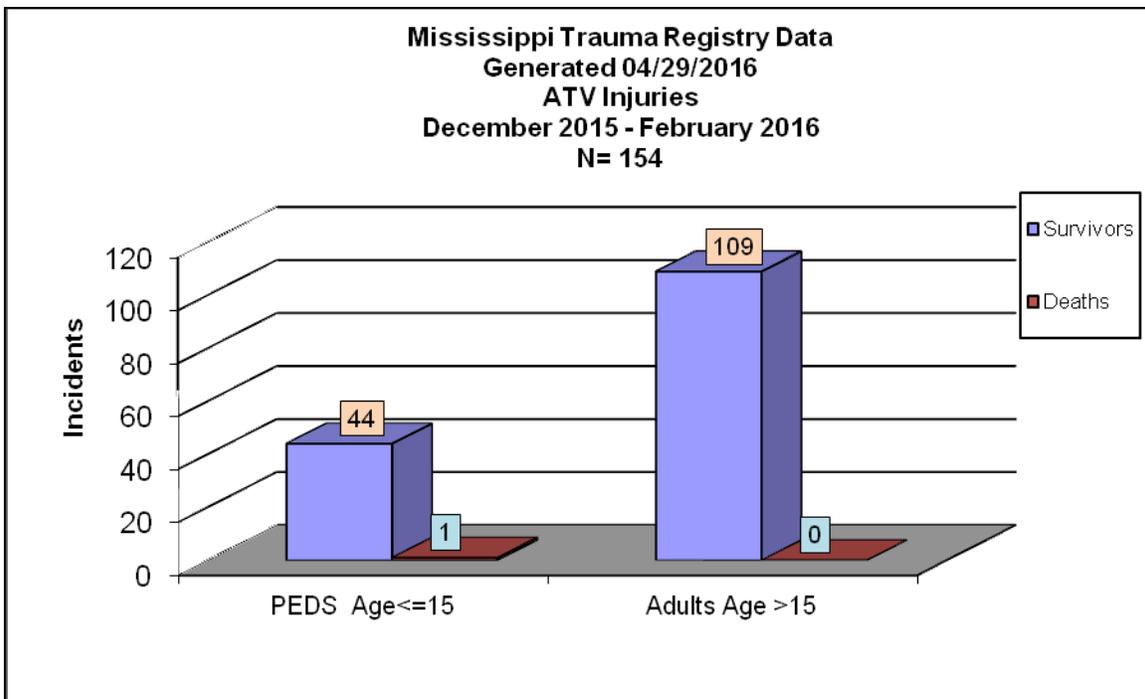
MVA Deaths



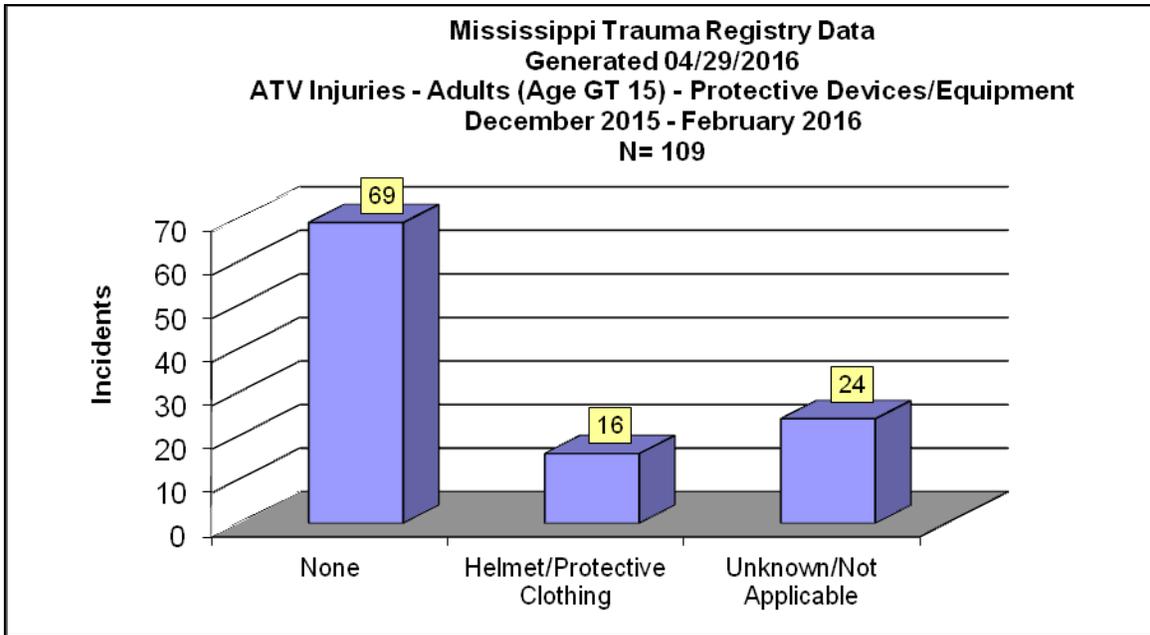
MVA Injuries



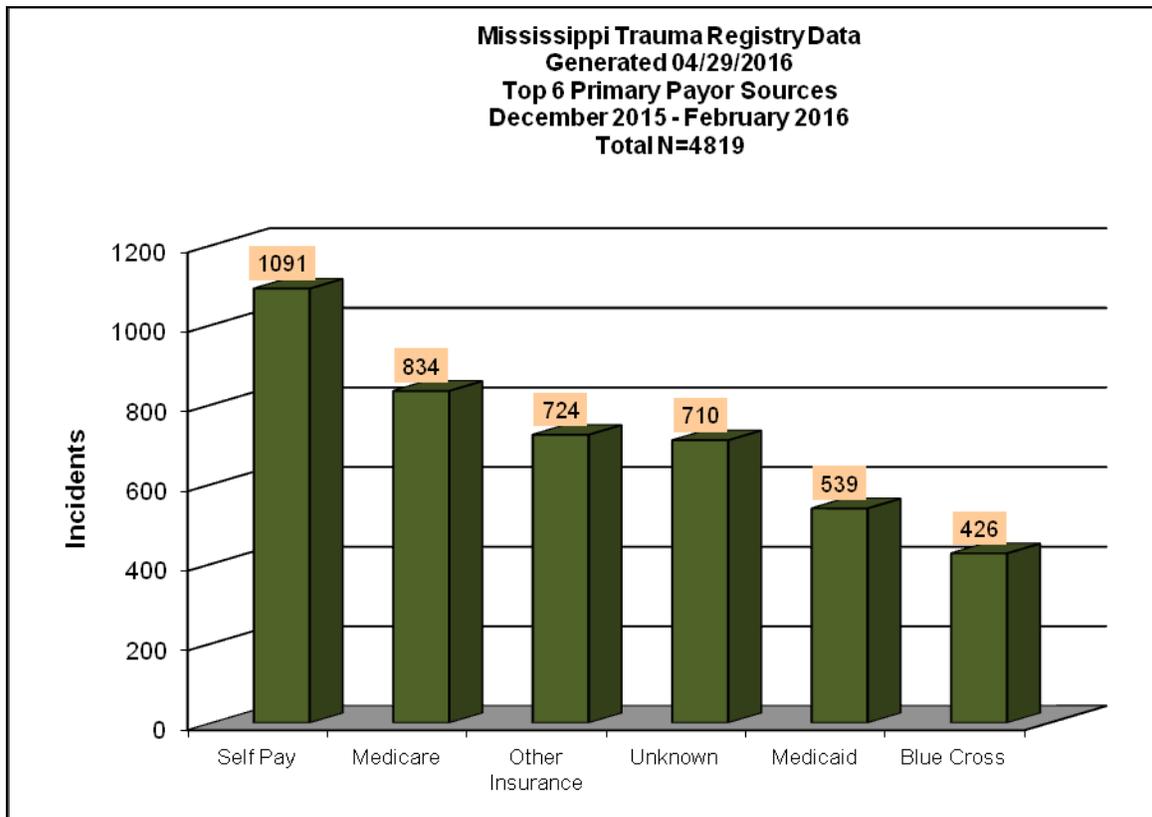
ATV Injuries and Deaths with Protective Devices (Pediatric)



ATV Injuries with Protective Devices (Adult)



Financial Data:



Trauma Care Trust Fund:

Month	Moving Violations	Interest	ATV/ Motorcycle Fee	Play or Pay/ Other	Total Collected
December 2015	\$368,155	\$4,636	\$746,680	\$2,984,000	\$4,103,471
January 2016	\$749,863		\$730,224	\$3,100,349	
February 2016	\$310,600	\$2,910	\$775,560	\$174,682	
Total	\$1,428,618	\$7,546	\$2,252,464	\$6,259,031	\$9,947,659