



System Report

Data Period

(January 2017, February 2017, March 2017)

Mississippi Trauma Care System

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

Prepared for:

Mississippi State Board of Health

June 13, 2017

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 and EMS providers.

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 - Quarterly Activities

Registry sub-committee State-wide Meeting
Trauma User Group State-wide Meeting
RFP process began for trauma registry vendor
Burn PI and Burn Sub-Committee State-wide Meeting
Trauma Functionality, Rules & Regulations State-wide Meeting
Statewide Trauma SOC Surgeon Medical Director Meeting

Trauma Center Survey/ Education Visits:

Site Survey Visit to Level III Center with designation

TCTF Financial Audits:

No TCTF financial audits were performed during this quarter

Trauma Center Designations:

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

- H.C.Watkins Memorial Hospital
- Tippah County Hospital
- John C Stennis Memorial Hospital

Currently, the system is comprised of:

- Three (3) Level I Trauma Centers
 - UMMC, Jackson
 - Regional One 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
 - Forrest General Hospital, Hattiesburg
 - Memorial Hospital of Gulfport, Gulfport
 - North Mississippi Medical Center, Tupelo
- Sixteen (16) Level III Trauma Centers
 - Anderson Regional Medical Center, Meridian
 - Baptist Memorial Hospital – DeSoto, Southaven
 - Baptist Memorial Hospital- GT, Columbus
 - Baptist Memorial Hospital-NM, Oxford
 - Delta Regional Medical Center, Greenville
 - Garden Park Medical Center, Gulfport
 - Magnolia Regional Health Center, Corinth
 - Merit Health Biloxi, Biloxi
 - Merit Health Central, Jackson

- Merit Health River Oaks, Flowood
- Ocean Springs Hospital, Ocean Springs
- OCH Regional Medical Center, Starkville
- Rush Foundation Hospital, Meridian
- Singing River Hospital, Pascagoula
- South Central Regional Medical Center, Laurel
- Southwest MS Regional Medical Center, McComb
- Sixty-two (62) Level IV Trauma Centers; and
- One Burn Center -J.M. Still at Merit Health Central

Trauma Performance Improvement (PI) Program:

- The scheduled time for the meeting was used to host meeting for the Trauma PI taskforce to discuss recommendations for the activation criteria & destination guidelines. Recommendations sent to MTAC for February 1, 2017 meeting.

Mississippi Trauma Advisory Committee (MTAC):

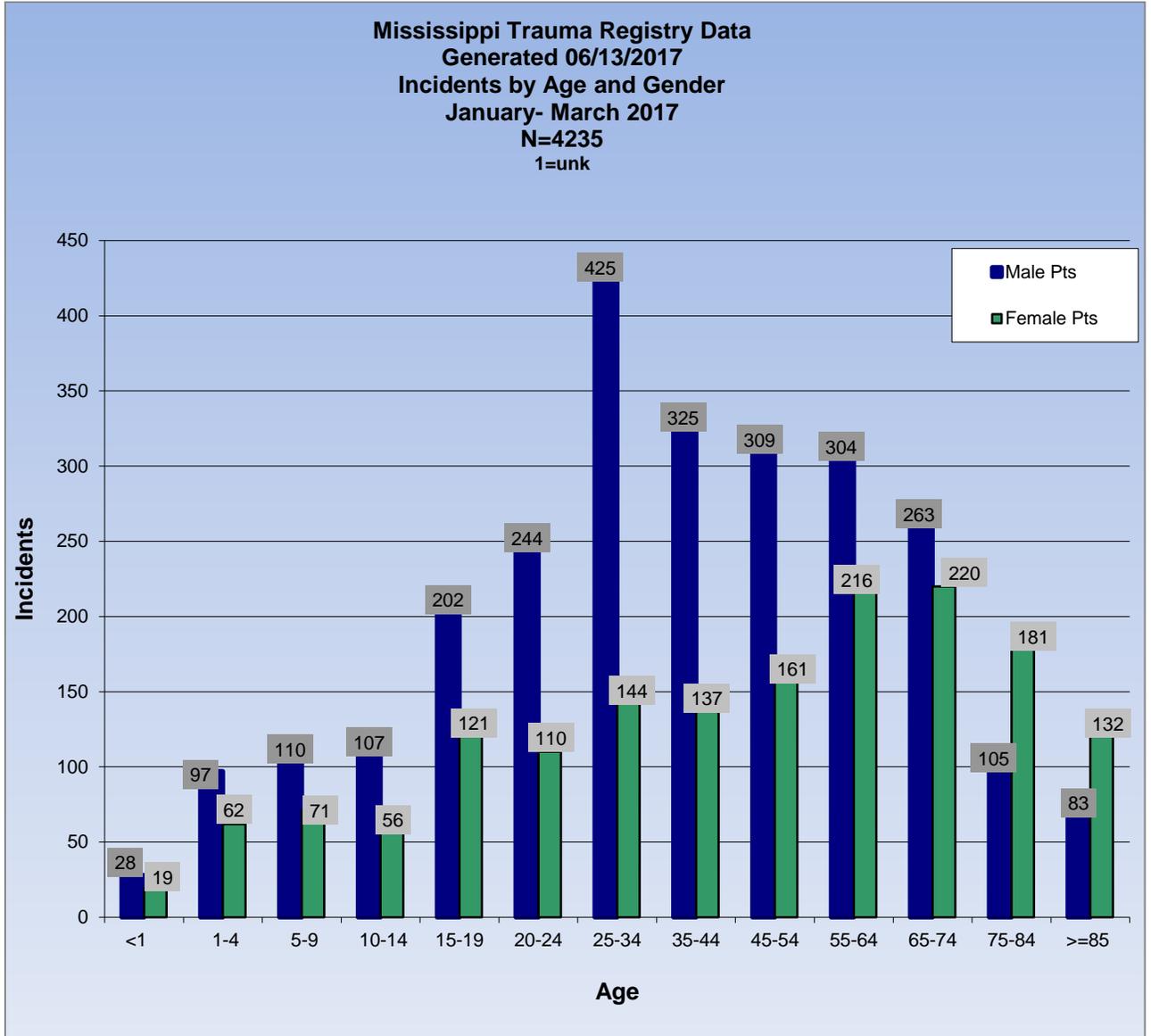
- MTAC met on February 1, 2017 – with approval of changes to the MS Trauma System of Care Rules and Regulations.

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

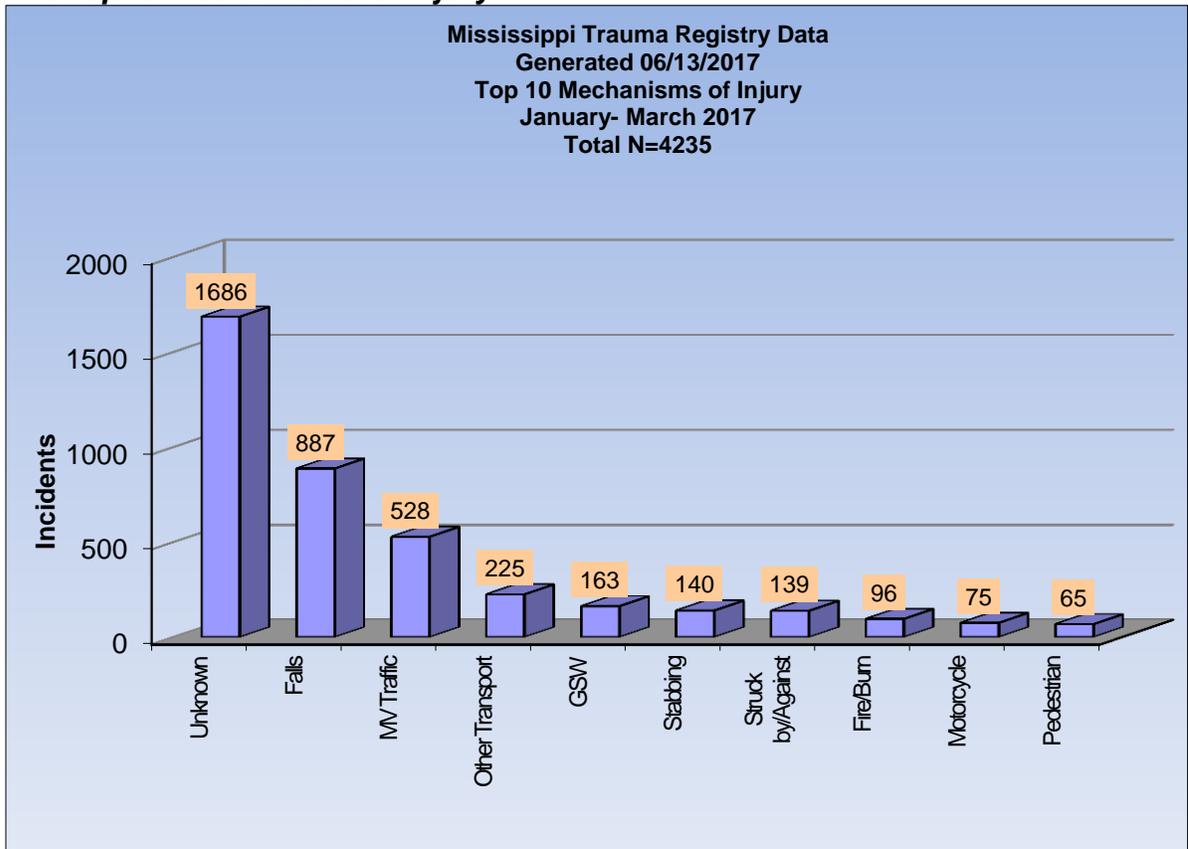
Mississippi Trauma Registry Data
 Injury Severity Score Summary for Level I to Level III Hospitals
 Generated 06/13/2017
 January- March 2017
 N = 3200

Facility	ISS 1-9	ISS 10-15	ISS 16-24	ISS>24	ISS N/V
Anderson Regional Medical Center-North	112	14	4	1	0
Baptist Memorial Hospital-Desoto	188	15	4	4	0
Baptist Memorial Hospital-GoldenTriangle	89	14	2	0	1
Baptist Memorial Hospital-North Miss.	111	21	2	0	0
Biloxi Regional Medical Center	35	3	2	2	0
Central MS Medical Center	57	6	1	1	0
Delta Regional Medical Center	84	4	2	0	0
Forrest General Hospital	428	50	21	4	2
Garden Park Medical Center	75	13	15	9	0
LeBonheur Children's Medical Center	92	5	8	4	3
Magnolia Hospital	101	14	6	1	0
Memorial Hospital at Gulfport	139	22	13	8	0
North MS Medical Center-Tupelo	257	72	37	27	0
Ocean Springs Hospital	75	7	0	0	0
Oktibbeha County Hospital	33	4	1	0	0
Regional Medical Center at Memphis	73	8	3	5	0
River Oaks Hospital, Inc.	25	6	1	0	0
Rush Foundation Hospital	72	21	9	6	0
Singing River Hospital	96	6	1	0	0
South Central Regional Medical Center	61	15	1	2	0
Southwest Mississippi Regional Medical Center	87	22	7	4	0
Univ of South Alabama Medical Center	32	20	16	10	0
University Medical Center	172	36	19	38	1
Total	2494	398	175	126	7

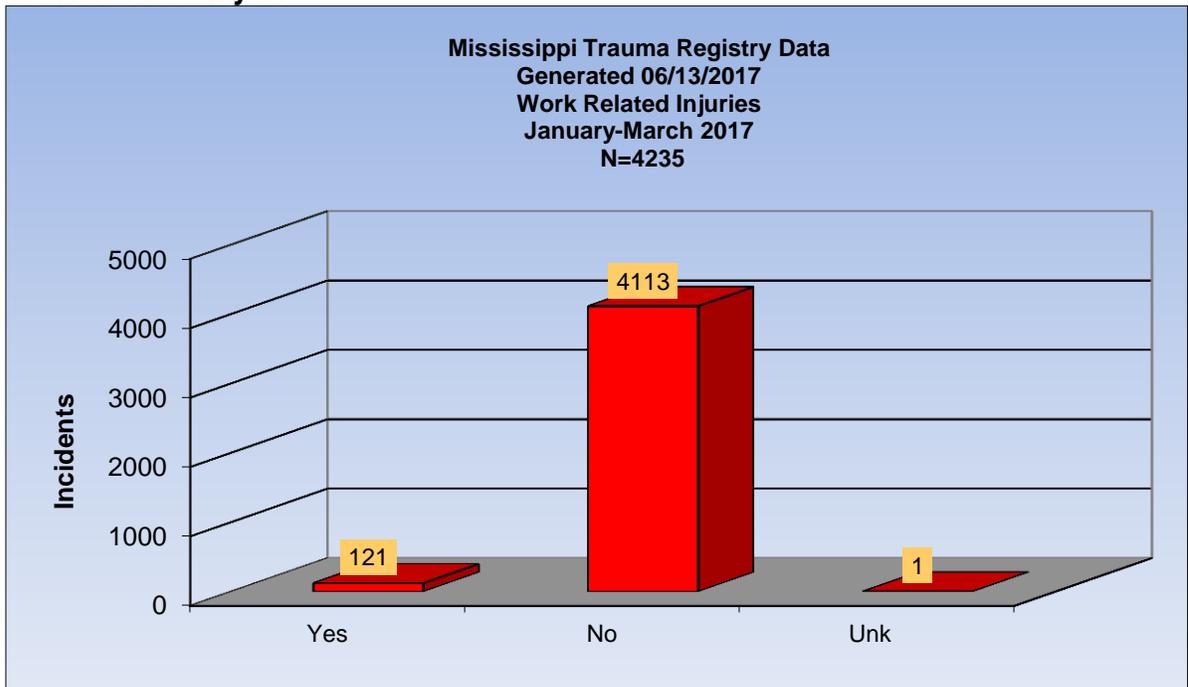
Age and Gender



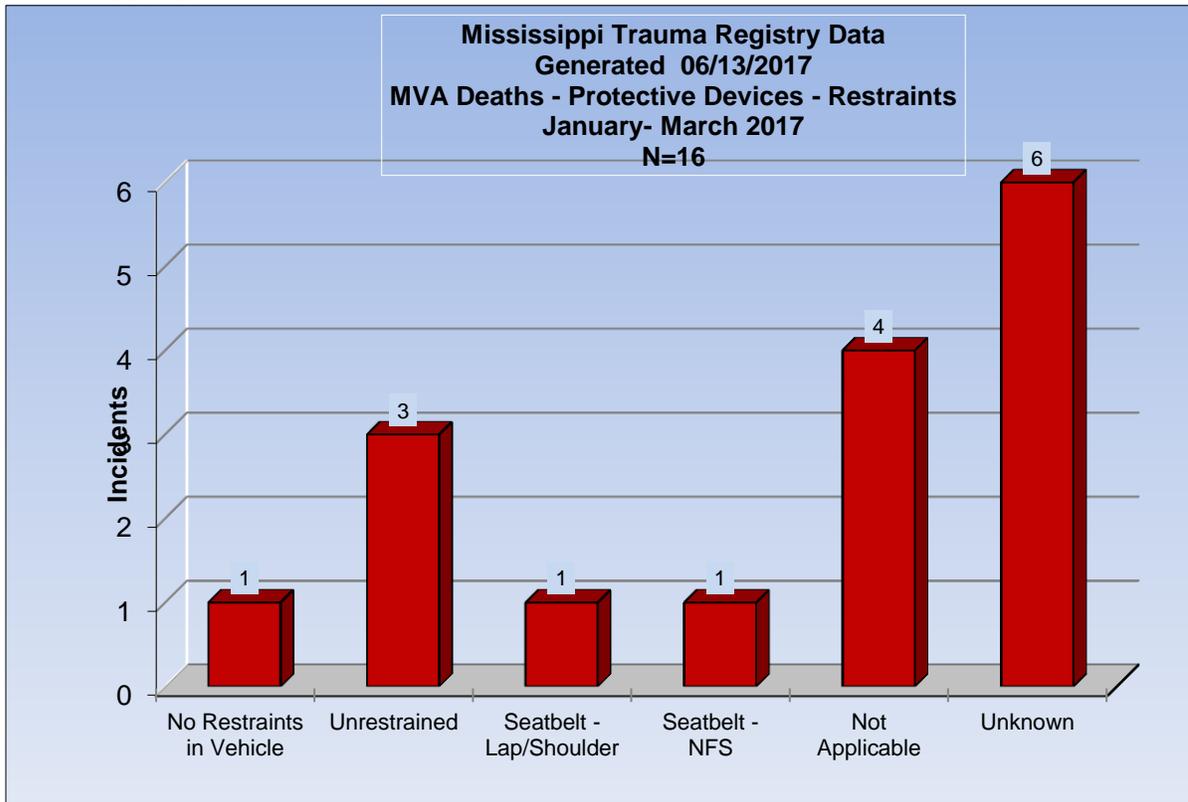
The top10 mechanisms of injury



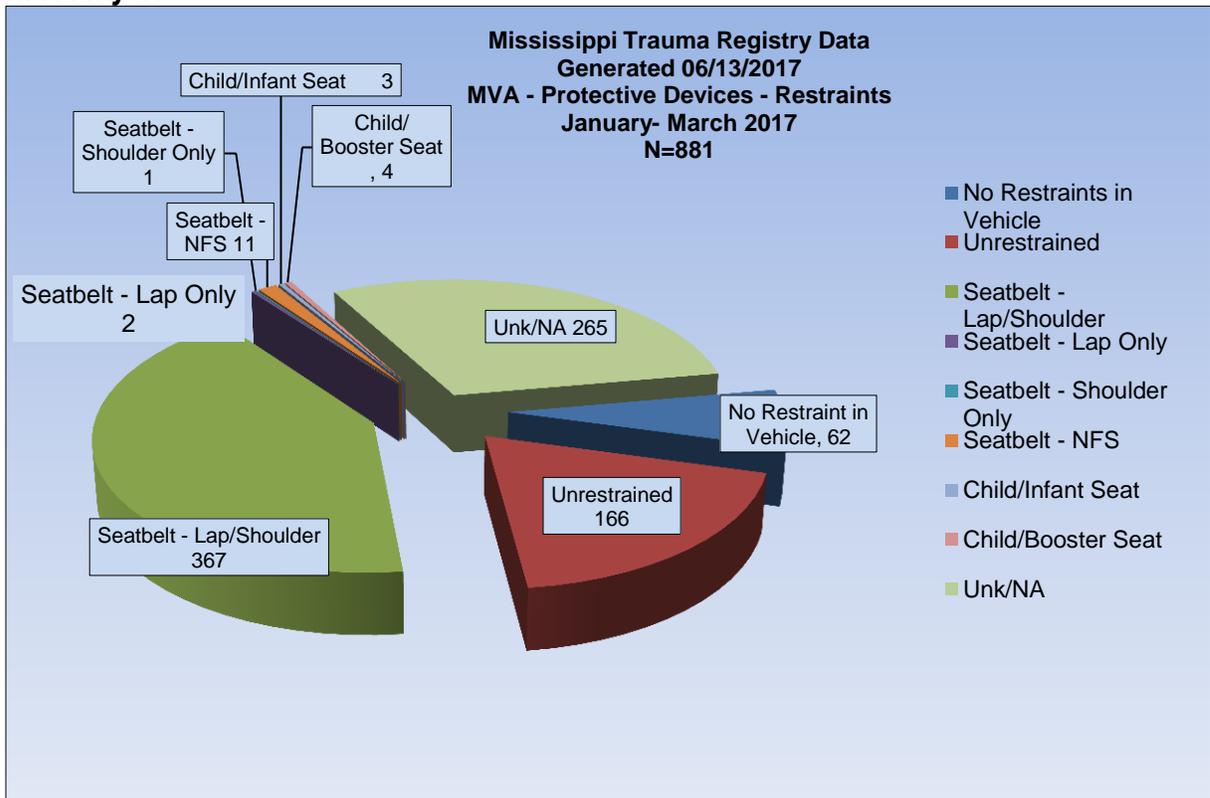
Work related injuries



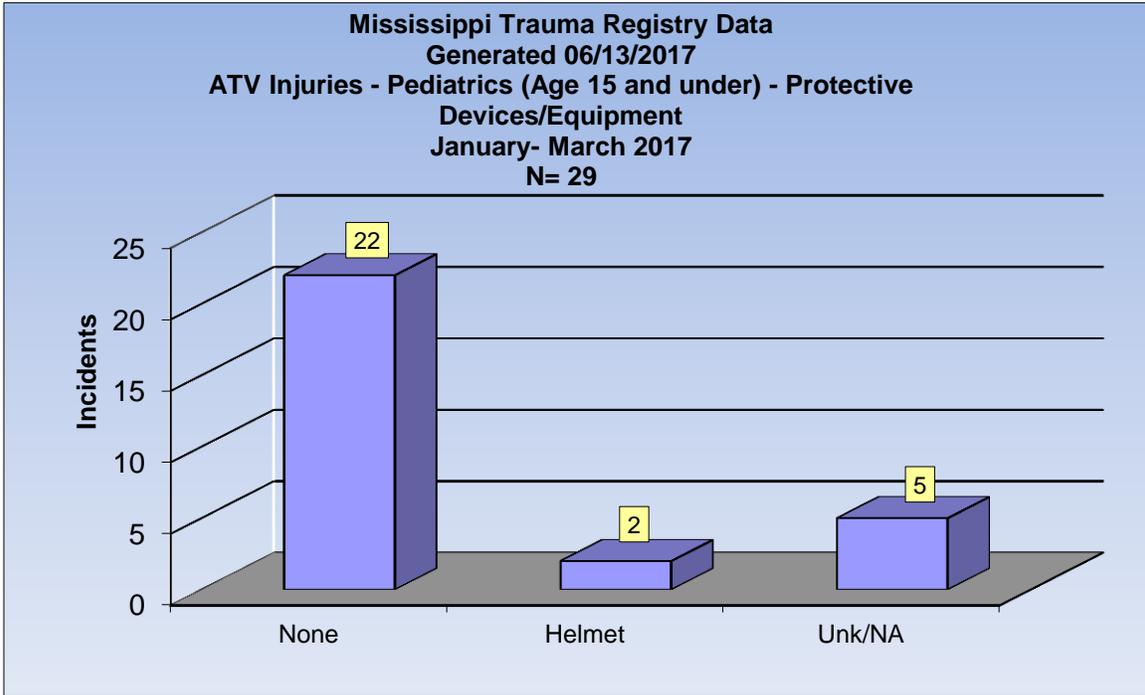
MVA Deaths



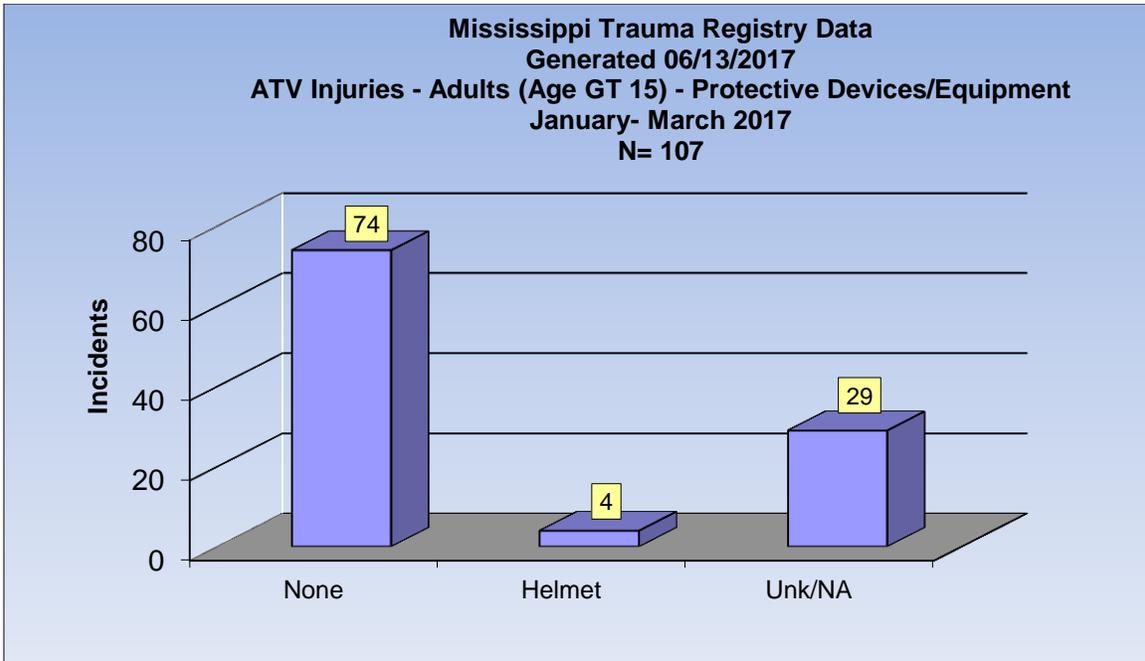
MVA Injuries



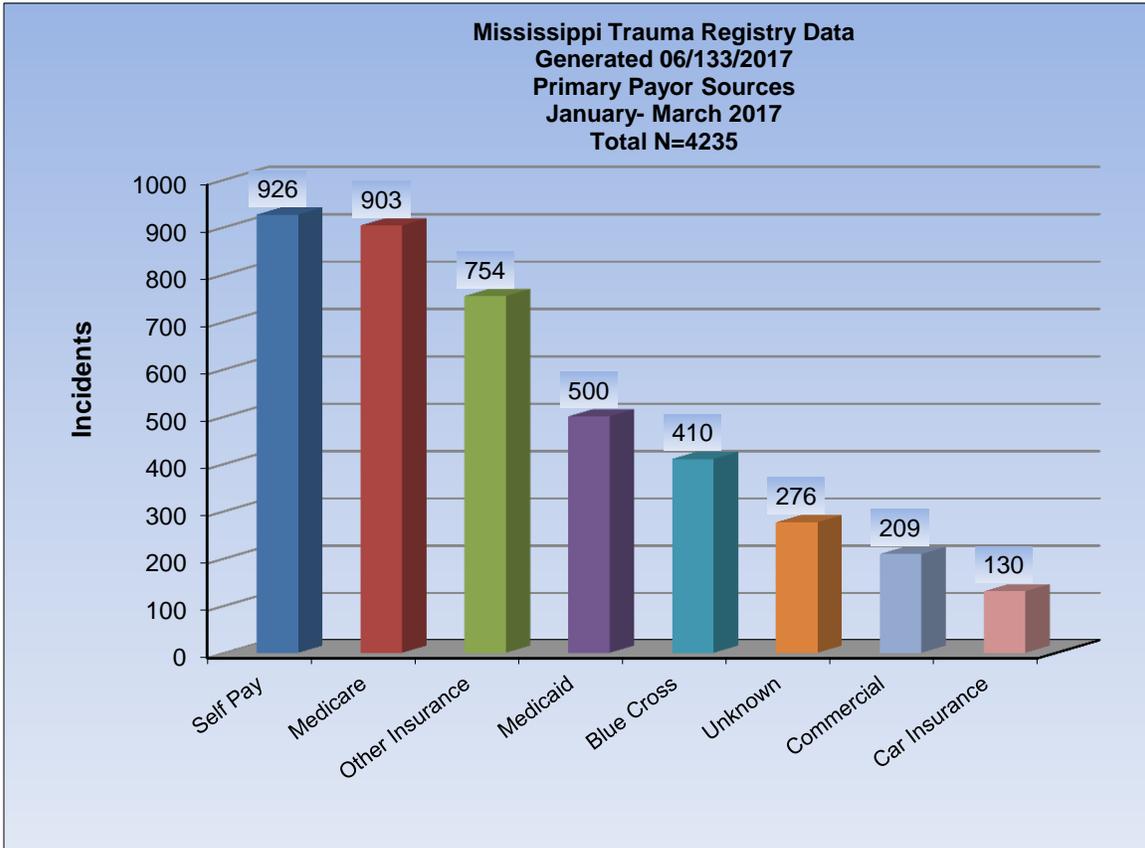
**ATV Injuries (Protective Devices)
Pediatric**



**ATV Injuries (Protective Devices)
Adult**



Financial Data:



Trauma Care Trust Fund:

Month	Auto Privilege and Tag Fees	Interest	License' Fees and Permits	Refunds	Total Collected
January 2017	599,666	10,729	124,572		734,966
February 2017	657,090	6,934	182,917		846,941
March 2017	659,372	2,159	1,549,715		2,211,246
Total	1,916,127	19,823	1,857,204		3,793,153