



# **System Report**

**Data Period  
(April 2016 through June 2016)**

## **Mississippi Trauma Care System**

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

**Prepared for:**

**Mississippi State Board of Health**

**August 11, 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 - 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 Performed:

- 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);
- Fifteen (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 next meeting is scheduled for July 7, 2016 (not a public meeting).

**Trauma Data:**

MS Trauma Registry

DI Report Writer Statistics Report

Dates 04/01/2016 - 06/30/2016

Trauma Records Only

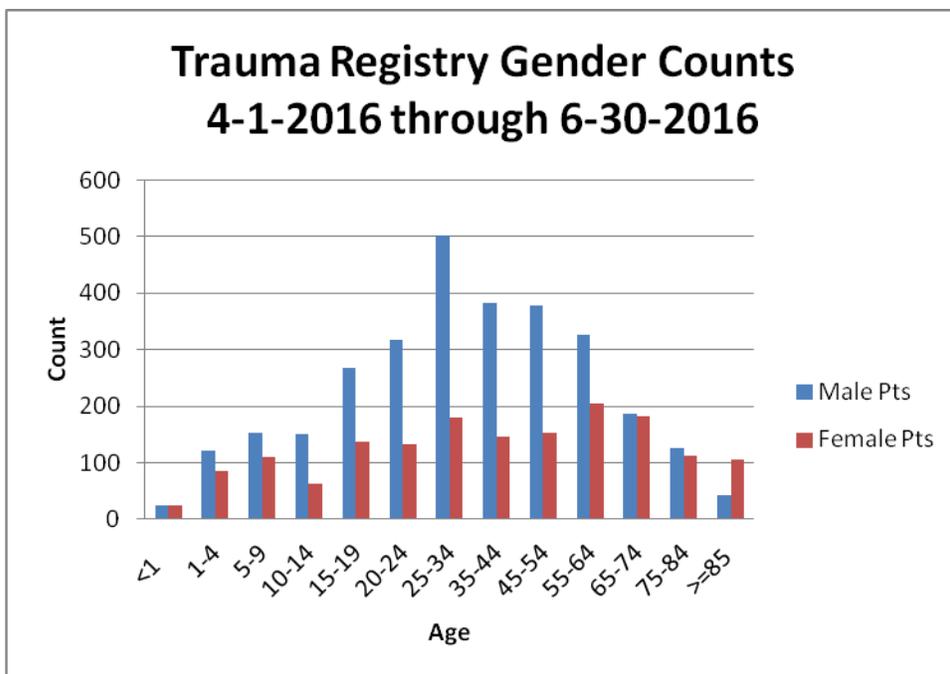
LEVEL I II and III HOSPITALS

BY HOSPITAL (By facility)

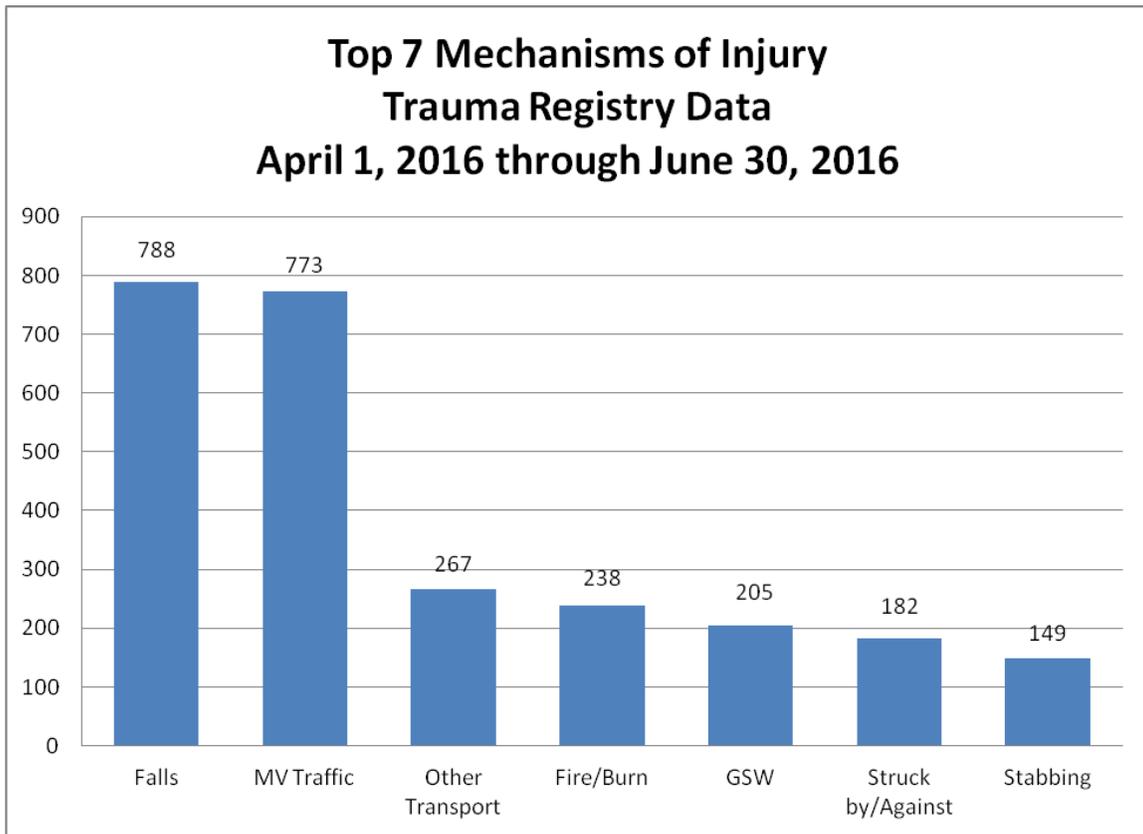
| Facility                                 | ISS 1-9     | ISS 10-15  | ISS 16-24  | ISS >24   | ISS N/V  | Total Patients |
|--|-------------|------------|------------|-----------|----------|----------------|
| Anderson Regional Medical Center-North   | 122         | 17         | 6          | 5         | 0        | 150            |
| Baptist Memorial Hospital-Desoto         | 239         | 22         | 4          | 1         | 0        | 266            |
| Baptist Memorial Hospital-GoldenTriangle | 105         | 11         | 3          | 1         | 0        | 120            |
| Baptist Memorial Hospital-North Miss.    | 125         | 15         | 2          | 2         | 0        | 144            |
| Biloxi Regional Medical Center           | 50          | 5          | 2          | 0         | 0        | 57             |
| Central MS Medical Center                | 48          | 6          | 0          | 1         | 0        | 55             |
| Delta Regional Medical Center            | 37          | 2          | 0          | 0         | 2        | 41             |
| Forrest General Hospital                 | 470         | 59         | 25         | 7         | 0        | 561            |
| Garden Park Medical Center               | 77          | 10         | 7          | 3         | 3        | 100            |
| LeBonheur Children's Medical Center      | 107         | 14         | 4          | 4         | 1        | 130            |
| Magnolia Hospital                        | 110         | 17         | 5          | 0         | 0        | 132            |
| Memorial Hospital at Gulfport            | 139         | 26         | 12         | 10        | 0        | 187            |
| North MS Medical Center-Tupelo           | 276         | 53         | 30         | 16        | 0        | 375            |
| Ocean Springs Hospital                   | 66          | 11         | 1          | 0         | 0        | 78             |
| Oktibbeha County Hospital                | 17          | 0          | 0          | 0         | 0        | 17             |
| Regional Medical Center at Memphis       | 67          | 7          | 5          | 9         | 0        | 88             |
| River Oaks Hospital, Inc.                | 20          | 3          | 0          | 0         | 0        | 23             |
| Rush Foundation Hospital                 | 84          | 26         | 8          | 1         | 0        | 119            |
| Singing River Hospital                   | 118         | 10         | 3          | 0         | 0        | 131            |
| South Central Regional Medical Center    | 84          | 14         | 8          | 1         | 0        | 107            |
| Southwest Mississippi Regional Medical C | 120         | 15         | 9          | 0         | 0        | 144            |
| Univ of South Alabama Medical Center     | 42          | 15         | 14         | 3         | 0        | 74             |
| University Medical Center                | 225         | 44         | 34         | 12        | 1        | 316            |
| <b>Total</b>                             | <b>2748</b> | <b>402</b> | <b>182</b> | <b>76</b> | <b>7</b> | <b>3415</b>    |

**Note: Does not include Level IV facilities**

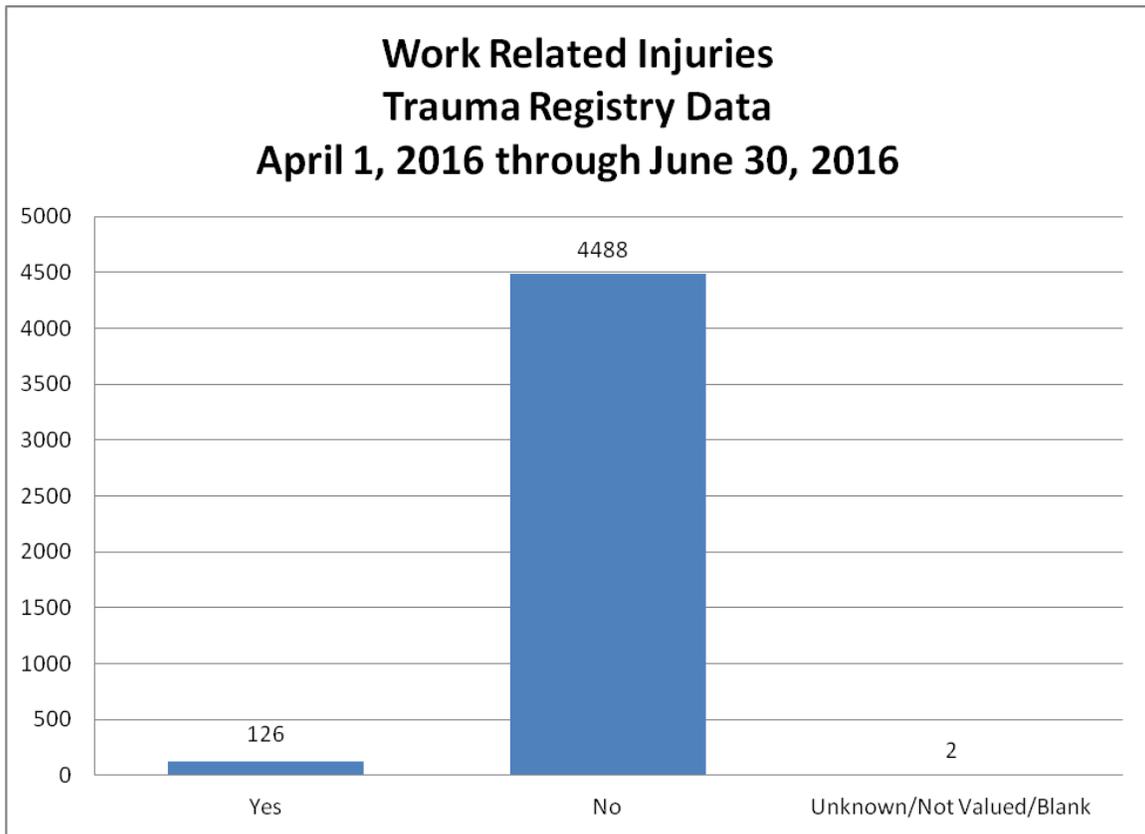
**Age and Gender**



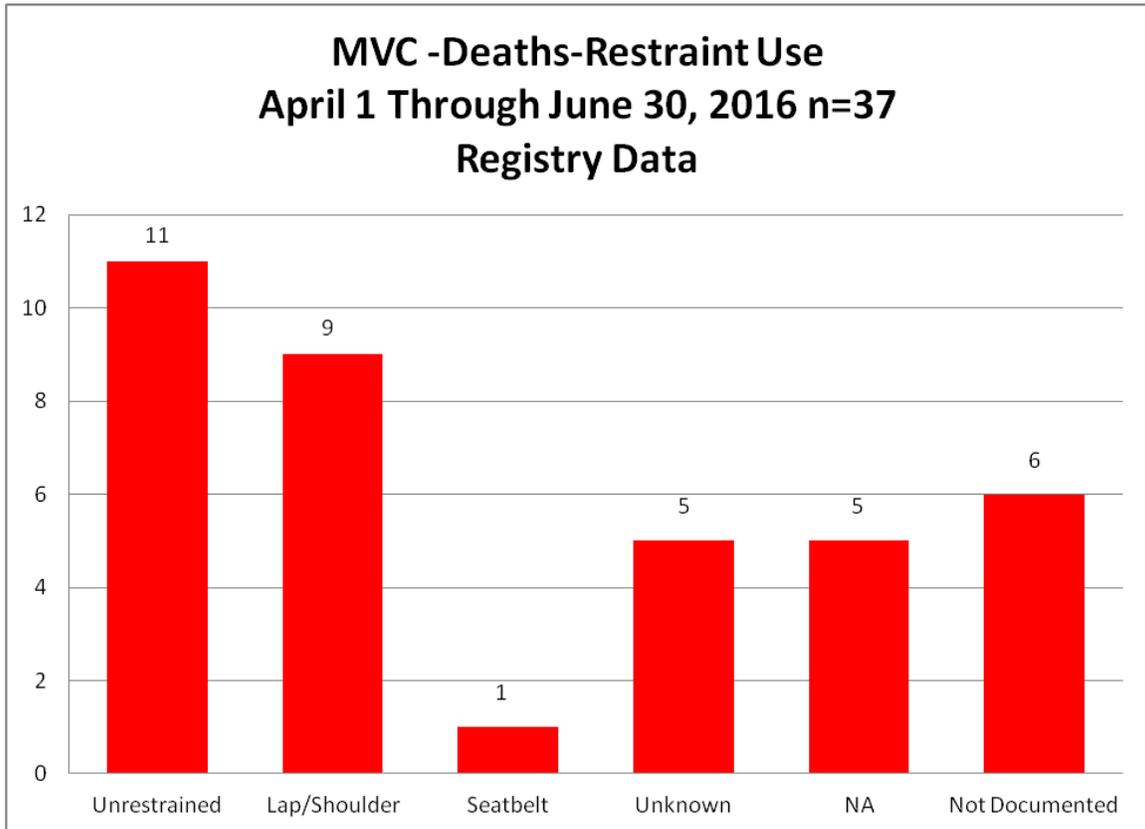
***The top 7 mechanisms of injury***



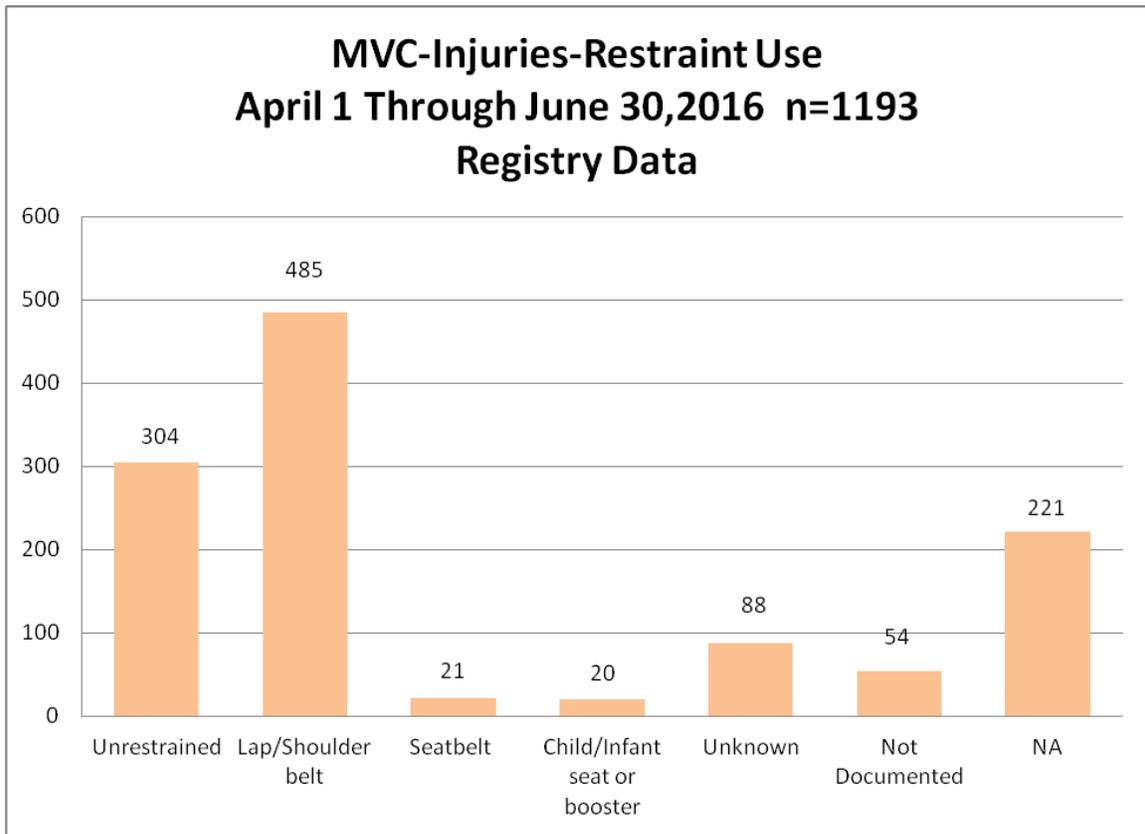
***Work related injuries***



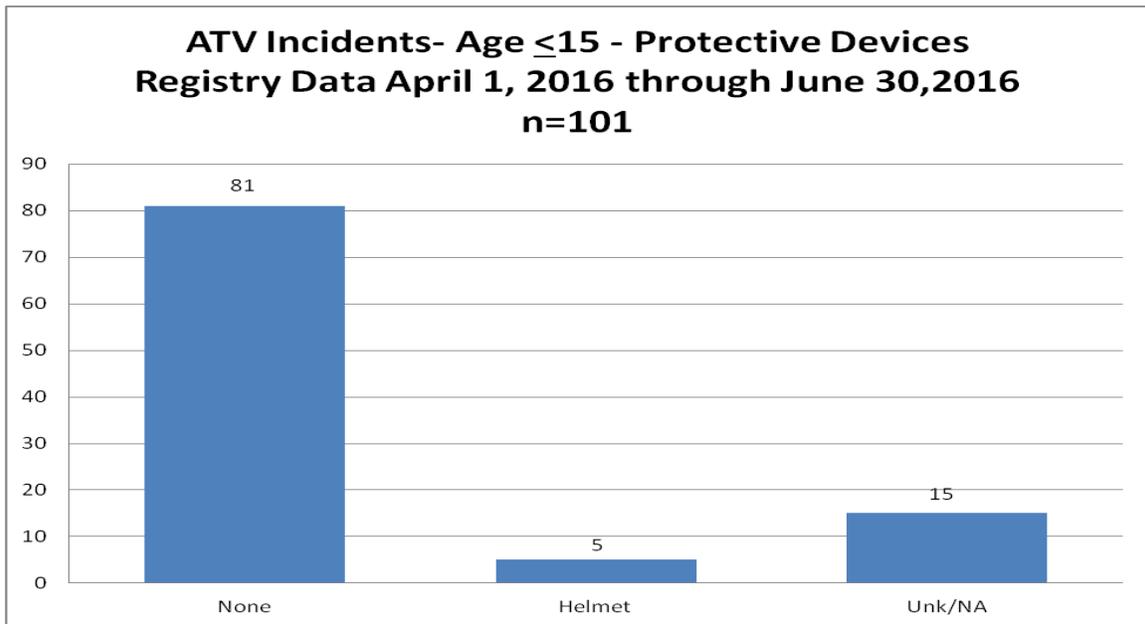
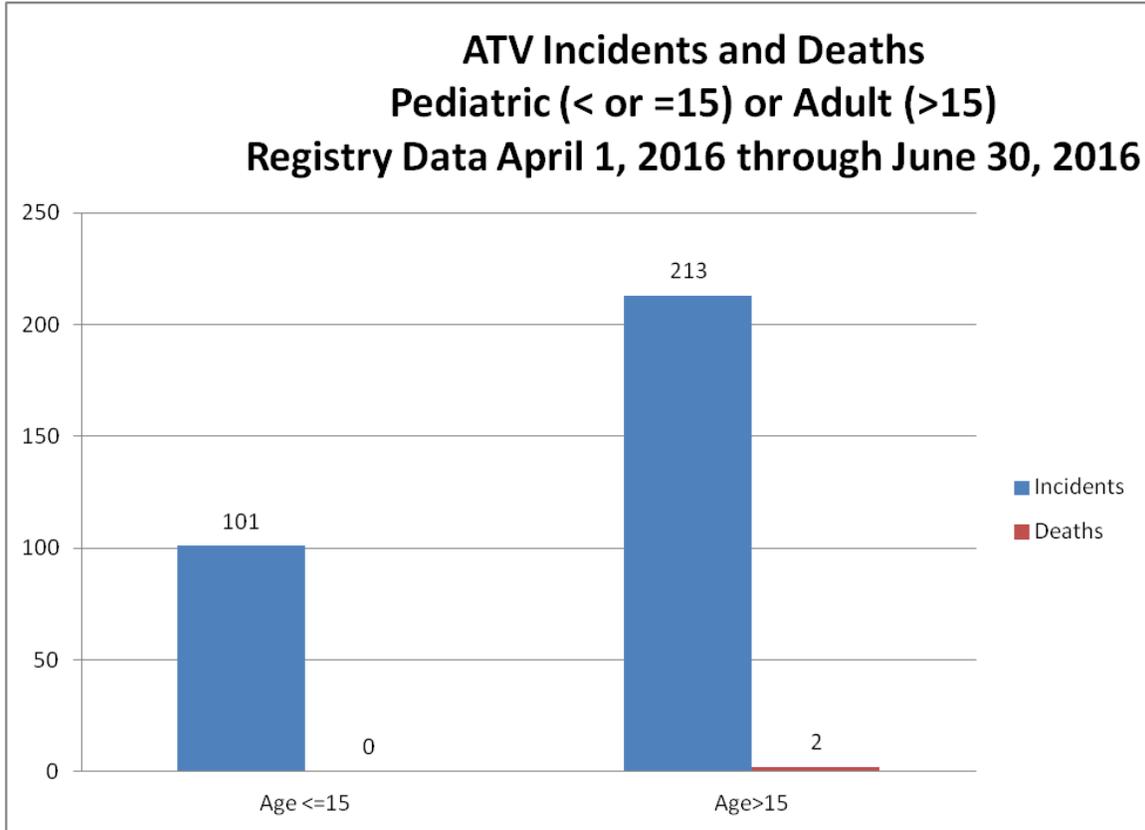
**MVC Deaths**



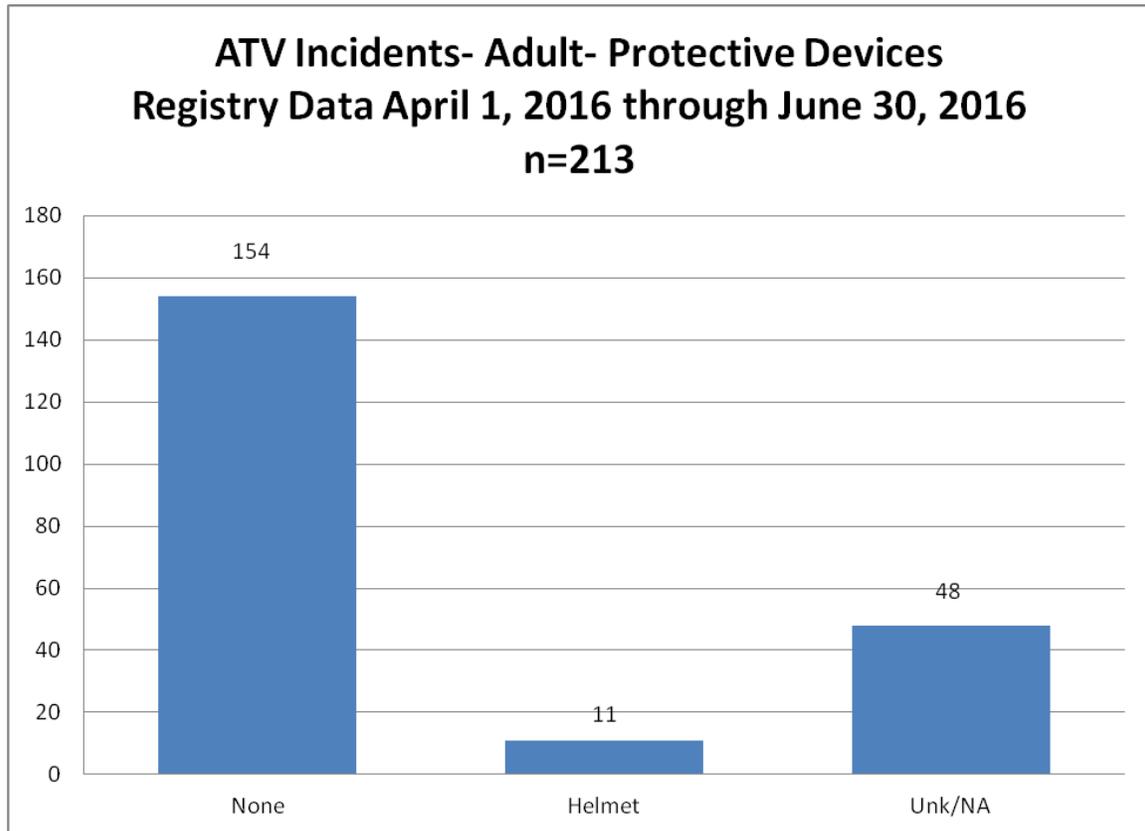
**MVA Injuries**



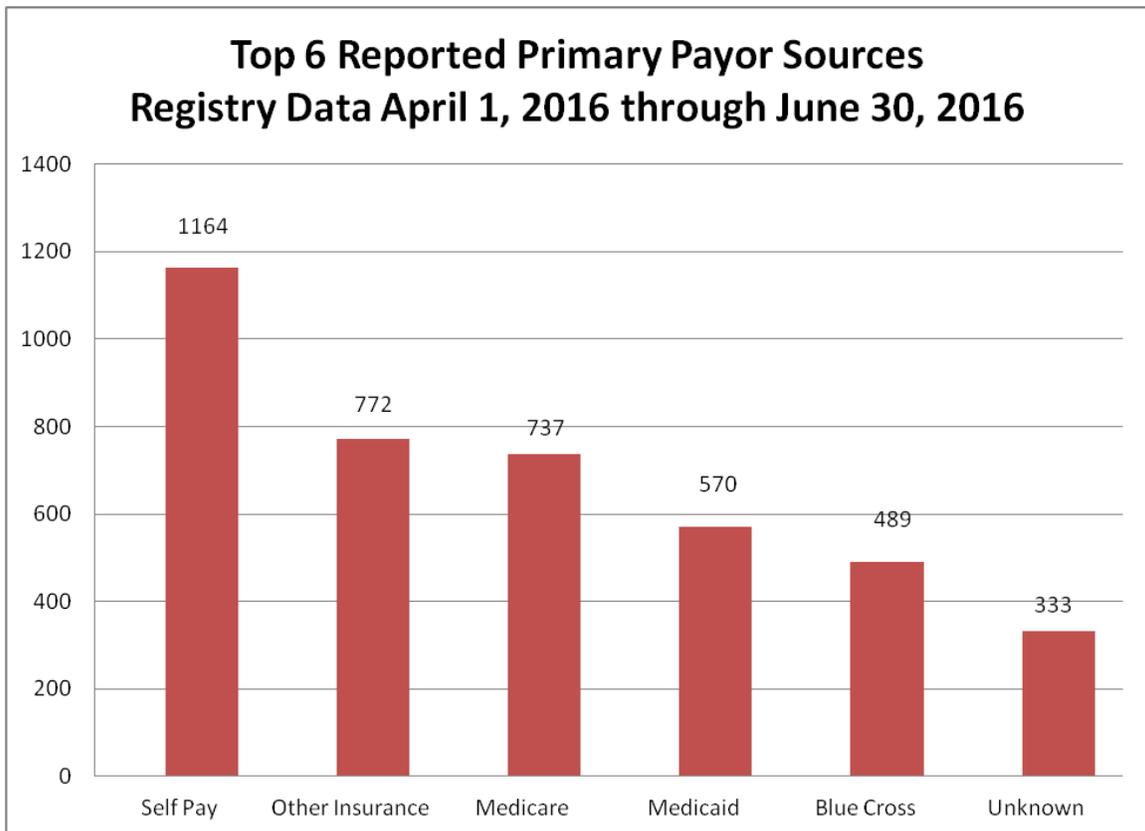
**ATV Injuries and Deaths with Protective Devices**



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



**Financial Data:**



**Trauma Care Trust Fund:**

| <b>Month</b> | <b>Moving Violations</b> | <b>Interest</b>  | <b>ATV/<br/>Motorcycle<br/>Fee</b> | <b>Play or Pay/<br/>Other</b> | <b>Total<br/>Collected</b> |
|--------------|--------------------------|------------------|------------------------------------|-------------------------------|----------------------------|
| April 2016   | 1,052,836.00             | None<br>Reported | 1,433,727.00                       | 89,816.00                     | 2,576,379.00               |
| May 2016     | 568,385.00               | 5,422.00         | 603,022.00                         | 114,911.00                    | 1,291,740.00               |
| June 2016    | 675,634.00               | 4,955.00         | 1,285,757.00                       | 105,245.00                    | 2,071,591.00               |
| <b>Total</b> | <b>2,296,855.00</b>      | <b>10,377.00</b> | <b>3,322,506.00</b>                | <b>309,972.00</b>             | <b>5,939,710.00</b>        |