



System Report

October - December 2019

Mississippi Trauma Care System

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

Prepared for:

Mississippi State Board of Health

January 15, 2020

Introduction

The goal of the Mississippi Trauma System of Care 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 3rd 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. The Mississippi Legislature passed House Bill 966 in 1998, establishing the Trauma System. Since that time the state has adopted a trauma care plan, established seven designated trauma regions, designated qualifying hospitals as trauma centers, maintained a trauma registry, and disbursed funding to trauma regions, trauma centers, physicians and EMS providers. Last year the Trauma System celebrated its 20th year.

The Mississippi Legislature passed House Bill 1405 during the 2008 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 funding; the first trauma system of its type in the United States. During the 2016 Regular Session the Legislature passed Senate Bill 2362, also known as the Budget Transparency and Simplification Act. Senate Bill 2362 swept collections from fines previously directed to an account to fund the Trauma System into the state General Fund. With SB 2362 about 35% of the Trauma System disbursement originates from the MSDH State General Funding allocation.

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

- Two day training for Trauma Program Managers and Trauma Registrars
- Registry Sub-Committee Statewide Meeting
 - Discussion of web-registry implementation
 - Task group to review and update the registry data dictionary
 - Discussion of the 2020 NTDB updates
- Collaboration with registry vendor to implement updates to Trauma Registry
- Attended Trauma Quality Improvement Performance Annual Meeting

Trauma Center Survey/ Education Visits:

- Two (2) on-site designation survey's – Level I Center's
- One (1) on-site designation survey – Level II Center
- One (1) on-site designation survey – Level III Center
- Three (3) education visits with Level III Centers
- One (1) on-site Focused Staff Review of Corrective Action Plan for Level III Center

Currently, the system is comprised of:

- Three (3) Level I Trauma Centers
 - University of Mississippi Medical Center, 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
- Seventeen (17) Level III Trauma Centers
 - Anderson Regional Medical Center, Meridian
 - Baptist Memorial Hospital – DeSoto, Southaven
 - Baptist Memorial Hospital – Golden Triangle, Columbus
 - Baptist Memorial Hospital – North Mississippi, 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
 - Merit Health Wesley, Hattiesburg
 - 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 Mississippi Regional Medical Center, McComb

- Sixty-One (61) Level IV Trauma Centers
- One (1) Burn Center: J.M. Still at Merit Health Central

Mississippi Trauma Advisory Committee (MTAC):

- BACS Update
- Update to committee regarding trauma registry implementation
- Discussion of fee structure for TCTF
- Aggregate system data provided for FY2018
- Case presentation by North Trauma Care Region
- TQIP Overview – Ms. Amber Kyle

Clinical Effectiveness Committee (CEC)/ Trauma Medical Directors:

- No meeting this October – December 2019

Trauma Performance Improvement (PI) Program:

- Discussion of top 3 Trauma Medical Director issues
- Discussion of transfer times by region
- Discussion of Hospital wait times related to EMS
- Review of PI indicators in state PI plan
- Discussion of TQIP collaborative
- Discussion of telemedicine use with trauma patients

Trauma Data: (July 2019, August 2019, September 2019)

Generated 01/15/2020

Arrival Dates 07/01/2019 - 09/30/2019

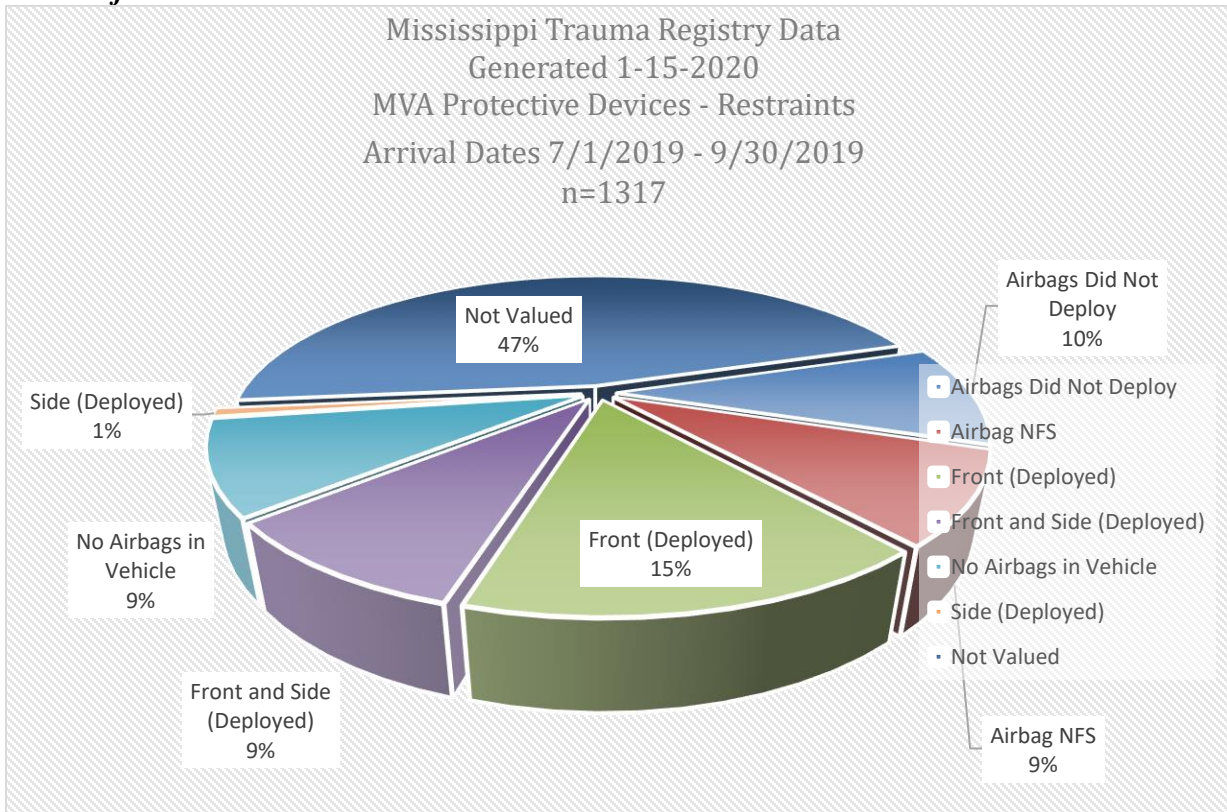
Query: LEVEL_I_III_HOSPS

Population: PIPS_RECORD_INCLUSIO Records Included In Reports

Gather: BY_HOSPITAL (By facility)

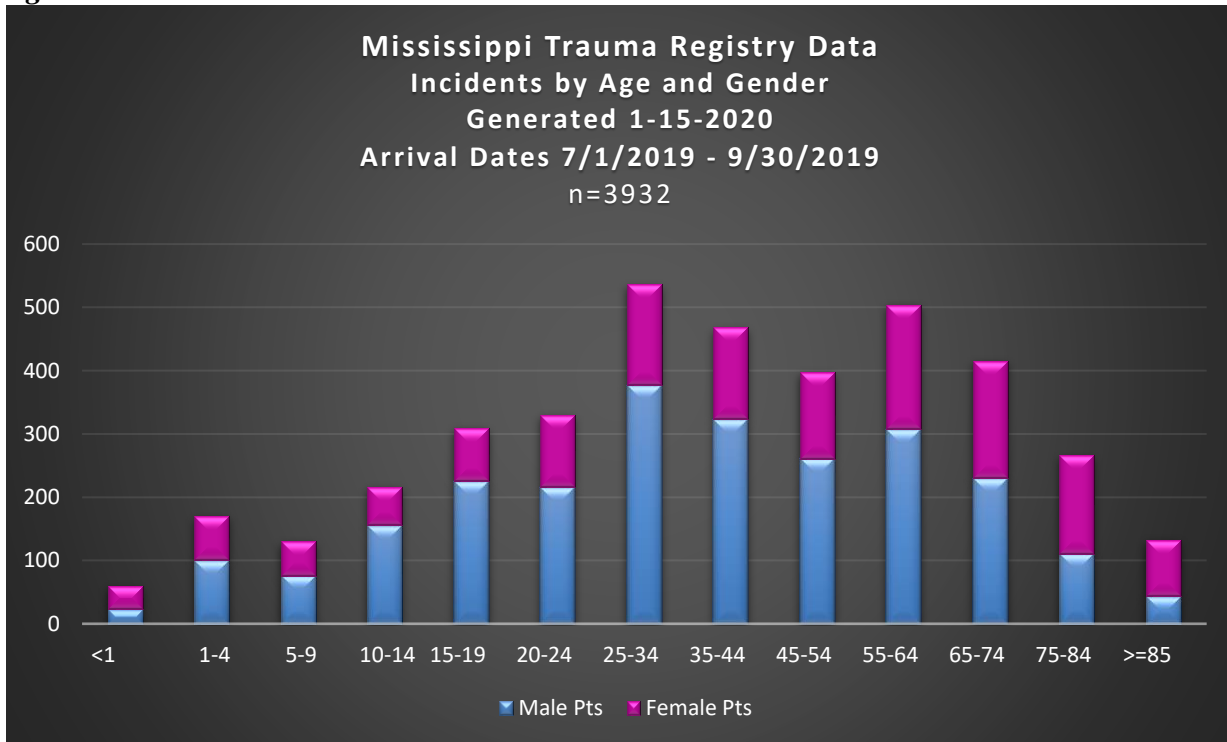
Facility	ISS 1-9	ISS 10-15	ISS 16-24	ISS 25-74	ISS 75	ISS GT 24	ISS NV	Total Pts
Baptist Memorial Hospital - Desoto	270	21	4	2	0	2	4	301
Baptist Memorial Hospital - Golden Triangle	84	2	0	0	0	0	6	92
Baptist Memorial Hospital North Miss.	146	12	2	0	0	0	1	161
Delta Regional Medical Center	9	0	1	0	0	0	0	10
Forrest General Hospital	371	64	50	20	1	21	0	506
Garden Park Medical Center	76	11	4	2	0	2	0	93
LeBonheur Children's Medical Center	121	12	12	4	0	4	0	149
Magnolia Region Health Center	95	23	11	2	0	2	0	131
Memorial Hospital at Gulfport	119	16	13	2	0	2	0	150
Merit Health River Oaks	38	2	0	1	0	1	0	41
Merit Health Biloxi	64	6	2	0	0	0	0	72
Merit Health Central	14	1	0	2	0	2	0	17
Merit Health Wesley	48	5	1	0	0	0	0	54
North MS Medical Center-Tupelo	275	56	31	14	0	14	0	376
Ocean Springs Hospital	59	5	1	1	0	1	0	66
Oktibbeha County Hospital	40	7	0	0	0	0	0	47
Regional Medical Center - North	74	21	8	7	0	7	0	110
Regional One Health	71	19	17	9	0	9	0	116
Rush Foundation Hospital	69	17	5	1	0	1	0	92
Singing River Hospital	76	8	1	0	0	0	0	85
South Central Regional Medical Center	104	13	9	3	0	3	0	129
Southwest Mississippi Regional Medical Center	78	14	12	3	0	3	0	107
Univ of South Alabama Medical Center	73	26	31	16	0	16	0	146
University Medical Center	78	11	17	27	0	27	0	133
Total	2452	372	232	116	1	117	11	3184

MVA Injuries

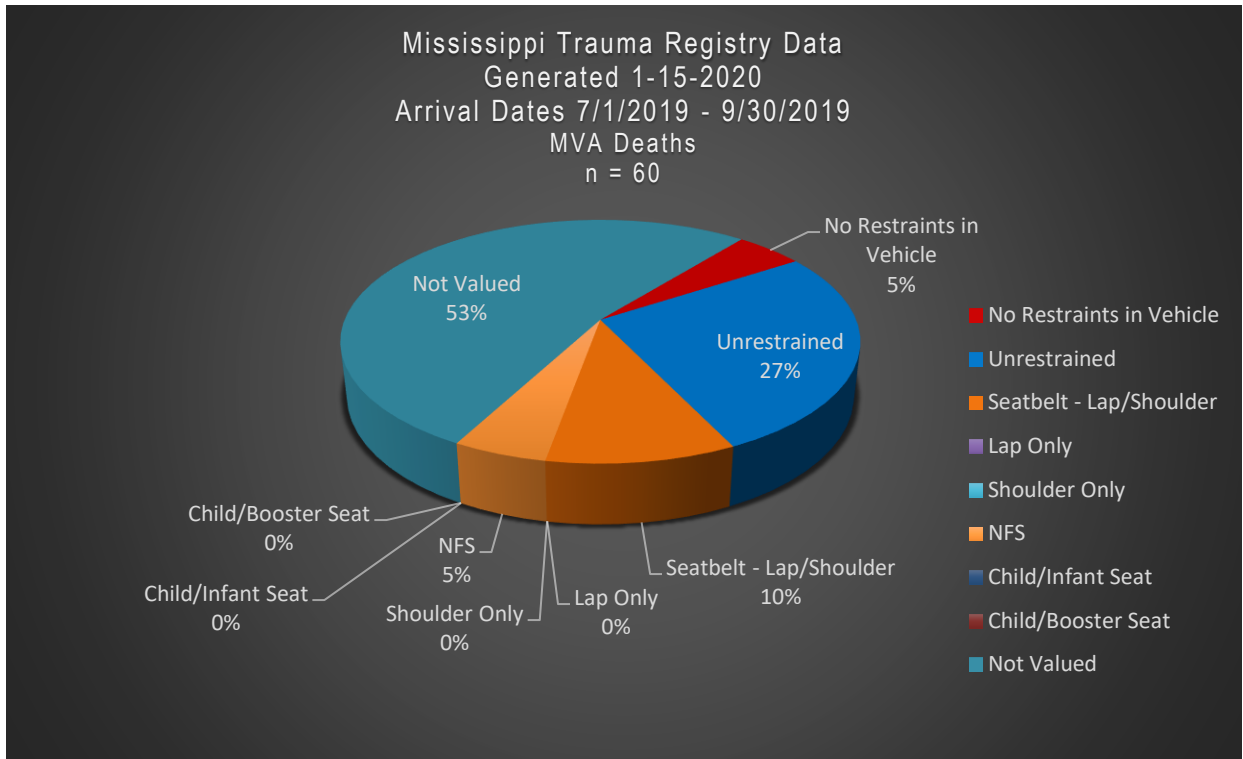


Legislative Bill signed on May 9, 2017 requiring all passengers in vehicle to wear seatbelts.

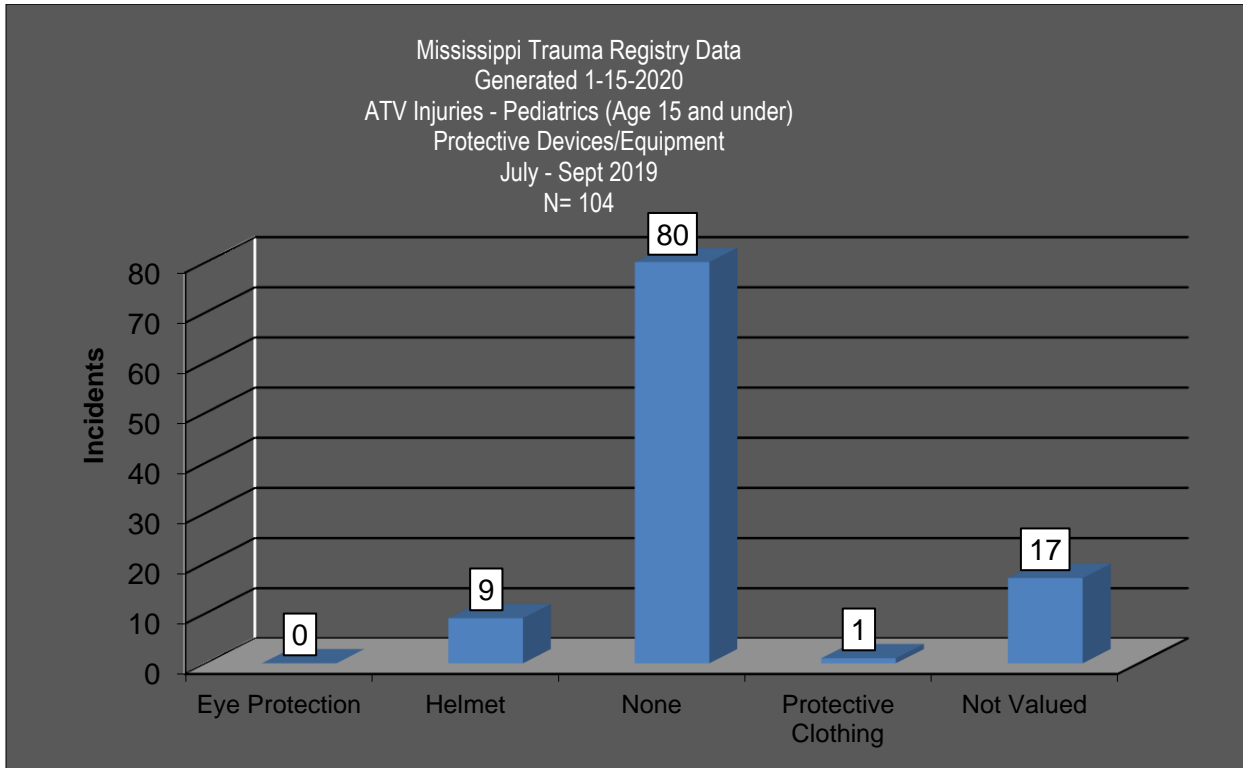
Age and Gender



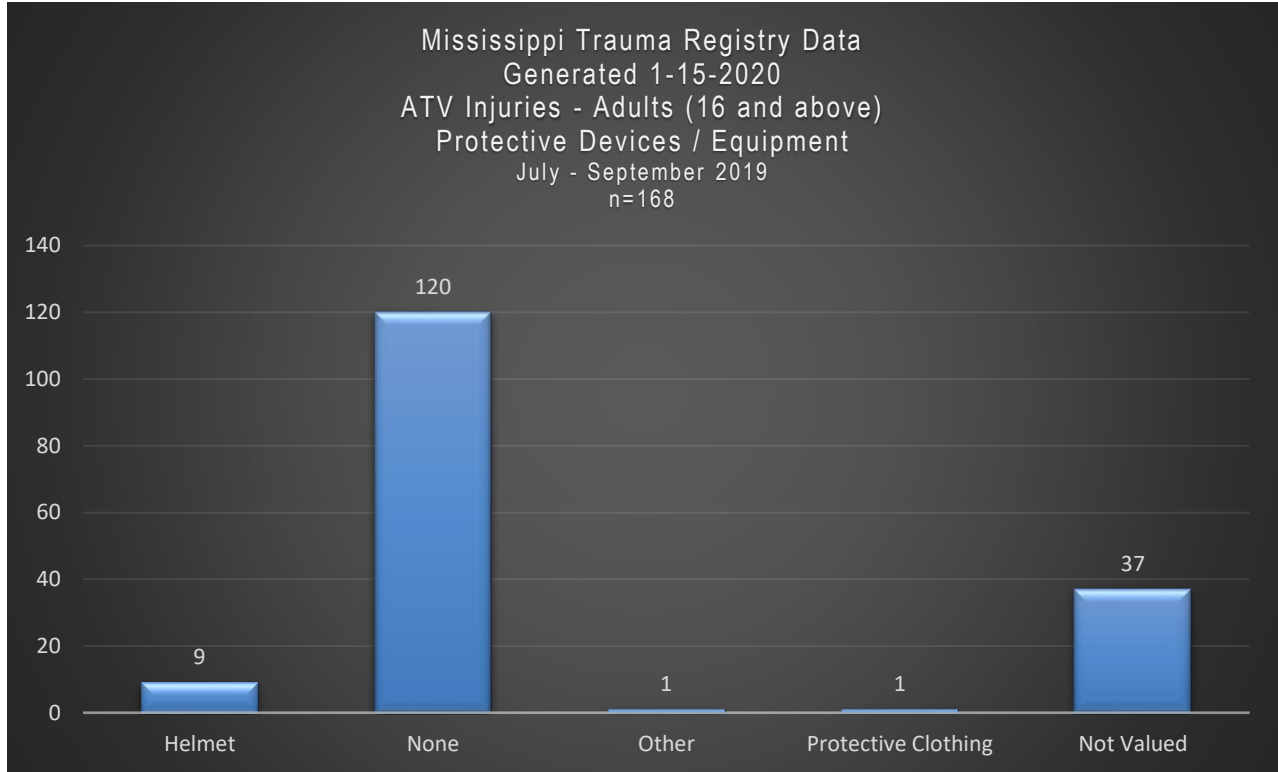
MVA Deaths



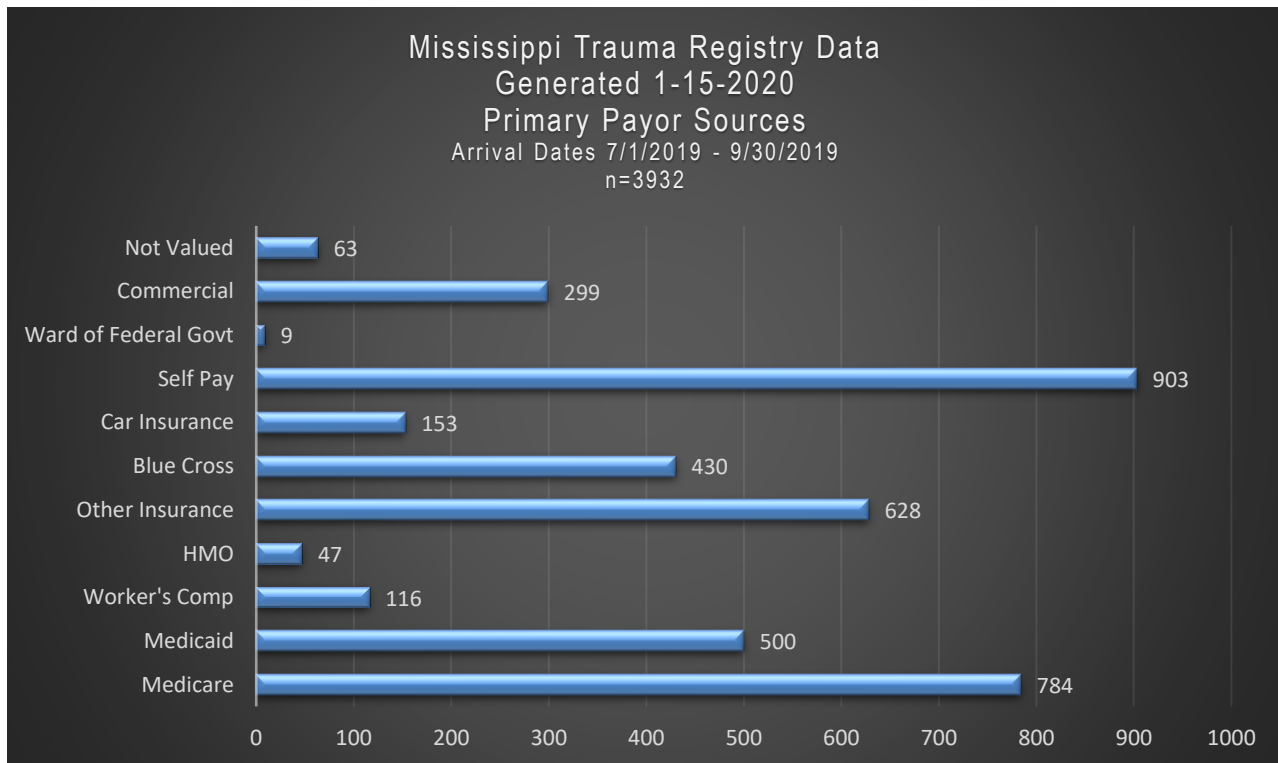
**ATV Injuries (Protective Devices)
Pediatric**



**ATV Injuries (Protective Devices)
Adult**



Financial Data:



Trauma Care Trust Fund:

	October	November	December	Total
Auto Privilege & Tag Fees	\$ 1,085,874.19	\$ 930,746.50	\$ 950,911.59	\$ 2,967,532.28
Interest Income	\$ 29,461.02	\$ 27,548.90	\$ 23,938.91	\$ 80,948.83
License, Fees and Permits	\$ 112,843.28	\$ 108,513.76	\$ 100,928.17	\$ 322,285.21
				\$ 3,370,766.32