



System Report

April - June 2019

Mississippi Trauma Care System

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

Prepared for:

Mississippi State Board of Health

July 8, 2019

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

- Presented Stop the Bleed Course at the Partners in Preparedness Summit
- Registry Sub-Committee Statewide Meeting
 - Discussion of web-registry implementation
 - Task group to review registry inclusion algorithm
- Burn Performance Improvement Meeting
 - Discussion of how to identify burn deaths on scene with Fire Marshal input
- Burn Sub-Committee Statewide Meeting
 - Reviewed Trauma System of Care Plan – Requested Update Sent to MTAC
 - Discussion of proposed burn destination guidelines
- Trauma Functionality/Rules & Regulations Sub-Committee Meeting
 - Discussion regarding TNCC requirements for Trauma Centers
 - Discussion regarding EMS wait times in hospitals – EMS reviewing data
 - Trauma Funding Task Group (MTAC Task Group)
- Collaboration with registry vendor to implement updates to Trauma Registry
- Collaboration with Mississippi Department of Transportation on Strategic Highway Safety Plan

Trauma Center Trauma Care Trust Fund Registry Audits:

- Thirty-one (31) of sixty-six (66) Trauma Care Trust Fund Data Audits completed April – June.

Trauma Center Survey/ Education Visits:

- One (1) on-site education visit with Level II Center
- One (1) on-site education visit with Level I Center
- One (1) on-site Focused Staff Review of Corrective Action Plan for Level III Center

Trauma Center Designations:

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

- Baptist Medical Center – Attala
- Merit Health Rankin
- St. Dominic Memorial Hospital – Jackson
- Alliance Healthcare
- Panola Medical Center
- South Sunflower County Hospital
- North MS Medical Center – Gilmore

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):

- MTAC Meeting (April 9, 2019)
 - BACS Update
 - Update to committee by Mr. Craig regarding TCTF
 - Discussion of Advocacy group
 - Case presentation by Central Trauma Care Region
 - Recommendation for Rules and Regulation subcommittee to review the Essential vs. Desirable chart in the rules and regulations
 - TQIP Overview – Ms. Amber Kyle

Clinical Effectiveness Committee (CEC)/ Trauma Medical Directors:

- Discussion regarding requirement of TNCC for Level I Centers
- Update regarding approved changes to Activation Criteria by the Board of Health
- Discussion regarding Stop the Bleed funding to place in schools and on school buses

Trauma Performance Improvement (PI) Program:

- Performance Improvement Committee Meeting (April 3, 2019)
 - Meeting canceled

Trauma Data: (October 2018, November 2018, December 2018)

Generated 06/30/2019

Arrival Dates 01/01/2019 - 03/31/2019

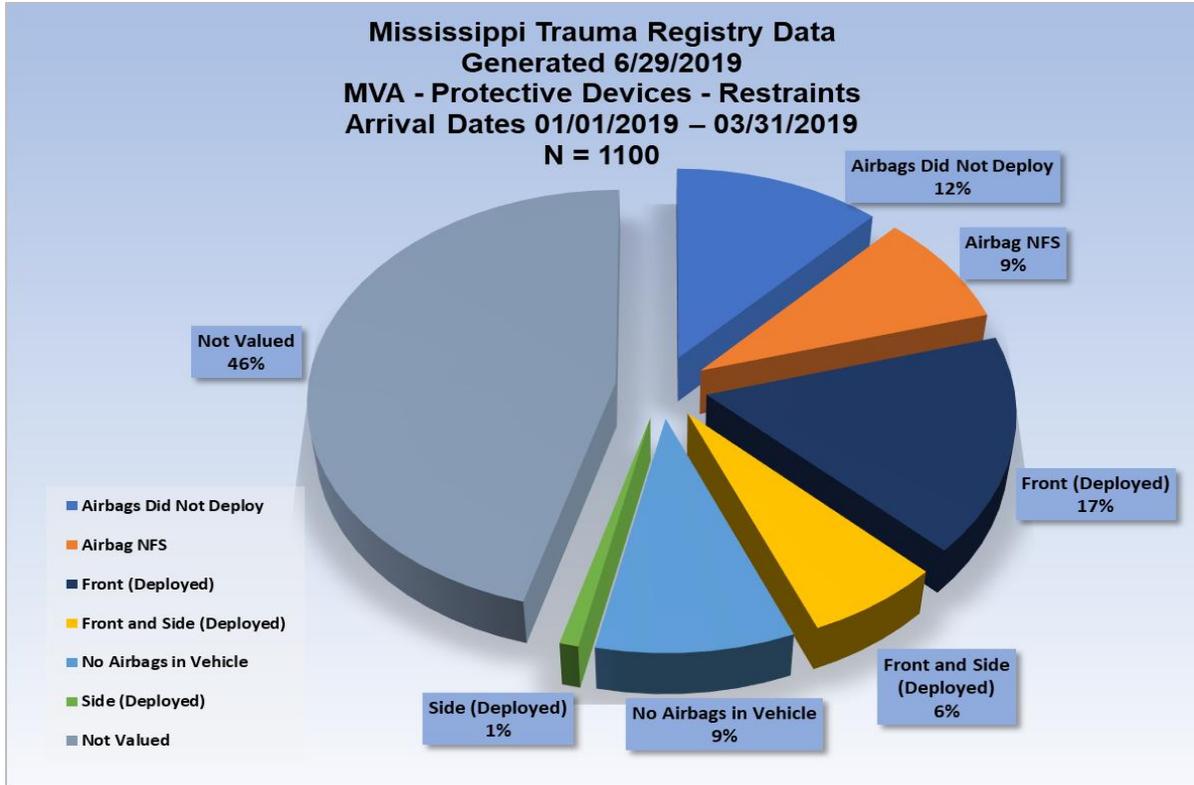
Query: LEVEL_I_III_HOSPS

Population: PIPS_RECORD_INCLUSIO Records Included In Reports

Gather: BY_HOSPITAL (By facility)

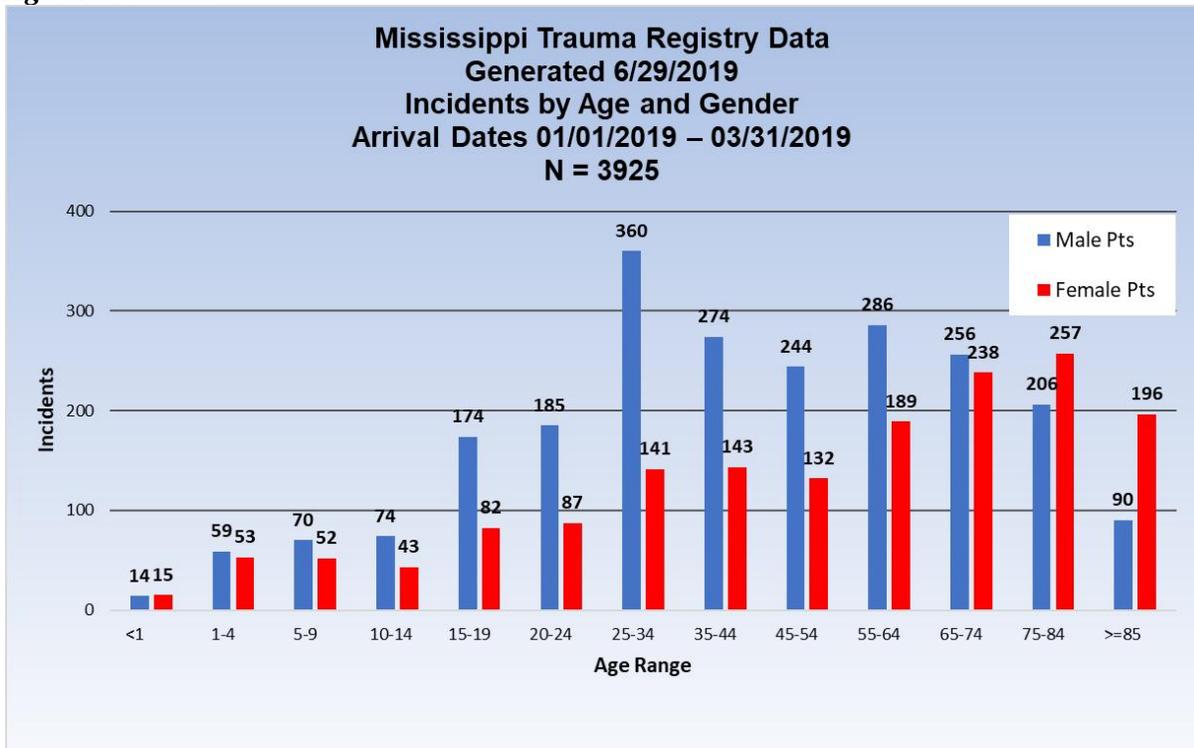
Facility	ISS 1-9	ISS 10- 15	ISS 16- 24	ISS > 24	ISS NV	Total Patients
Baptist Memorial Hospital - Desoto	237	18	10	1	12	278
Delta Regional Medical Center	24	1	2	0	0	27
Forrest General Hospital	475	71	37	30	0	613
Garden Park Medical Center	90	13	12	2	0	117
LeBonheur Children's Medical Center	68	3	13	1	0	85
Magnolia Region Health Center	86	15	9	3	0	113
Memorial Hospital at Gulfport	109	21	2	2	0	134
Merit Health River Oaks	30	4	0	0	0	34
Merit Health Biloxi	72	5	3	1	0	81
Merit Health Central	65	3	2	0	0	70
Merit Health Wesley	36	2	0	1	1	40
North MS Medical Center-Tupelo	268	50	32	24	0	374
Ocean Springs Hospital	84	11	4	0	0	99
Regional Medical Center - North	95	11	6	1	0	113
Regional One Health	132	30	27	12	0	201
Rush Foundation Hospital	57	13	5	2	0	77
Singing River Hospital	82	10	0	0	0	92
South Central Regional Medical Center	83	15	8	3	0	109
Southwest Mississippi Regional Medical C	85	11	7	7	0	110
Univ of South Alabama Medical Center	44	12	25	10	0	91
University Medical Center	38	2	11	25	0	76
Total	2260	321	215	125	13	2934

MVA Injuries

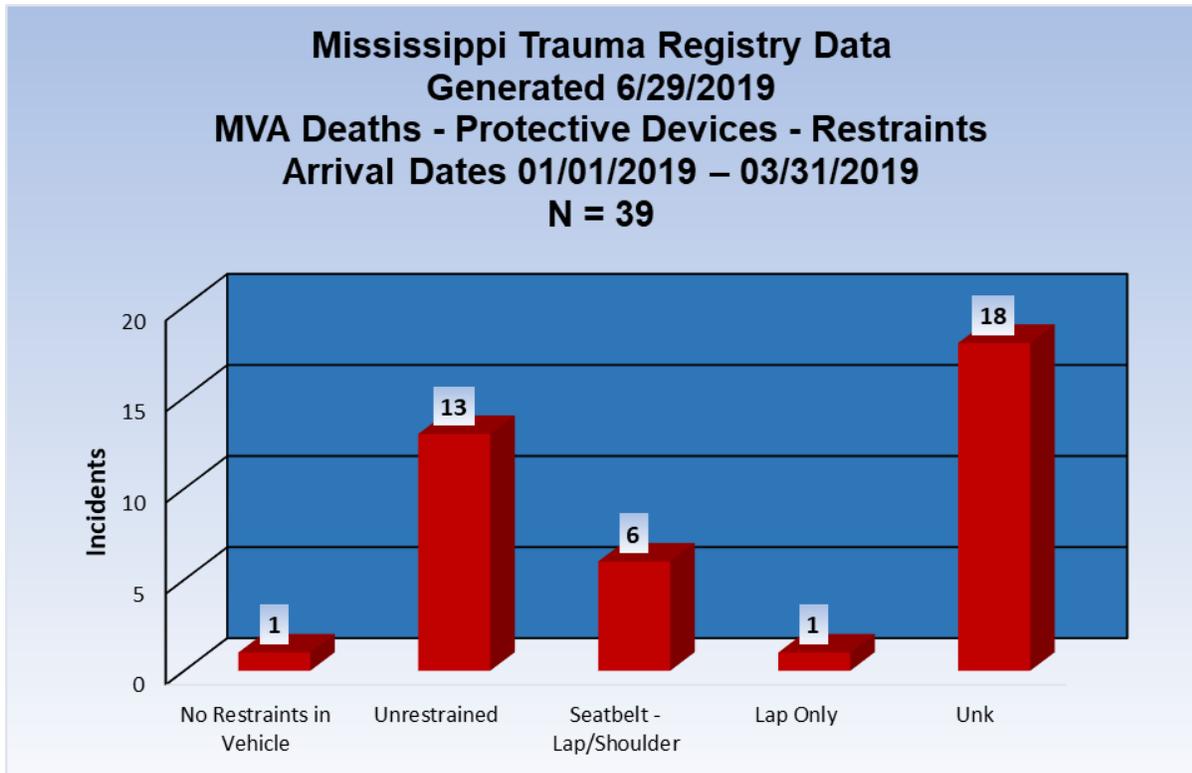


Legislative Bill signed on May 9, 2017 requiring all passengers in vehicle to wear seatbelts.

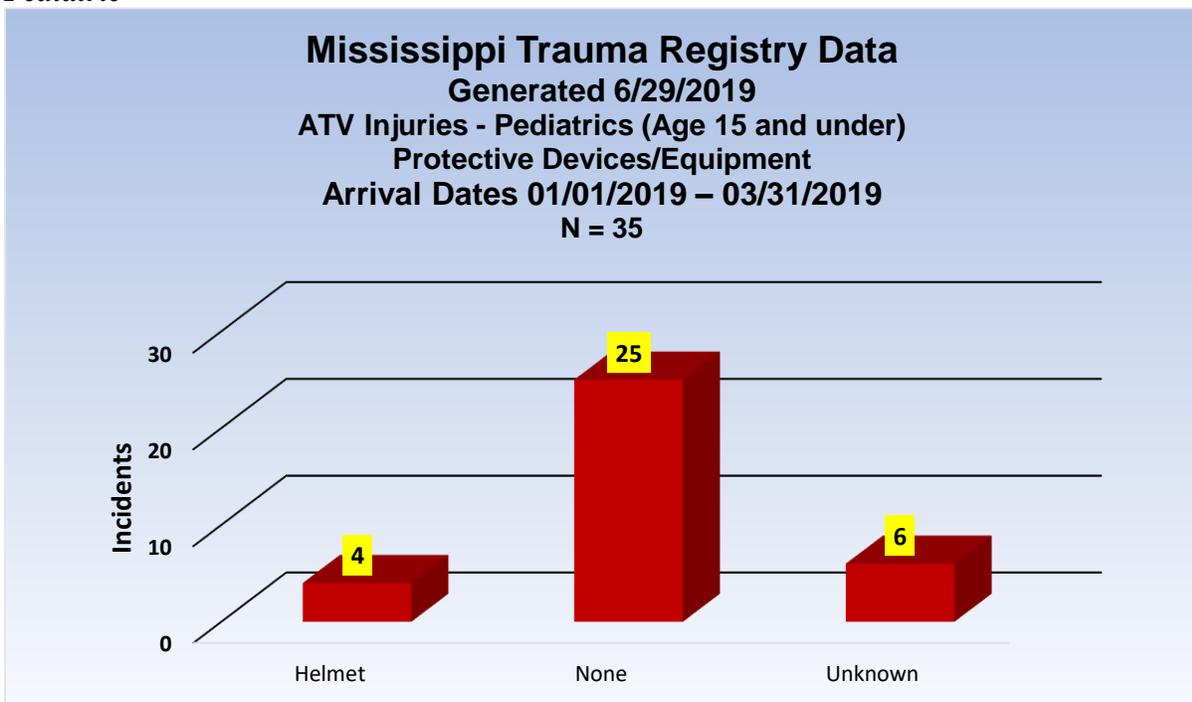
Age and Gender



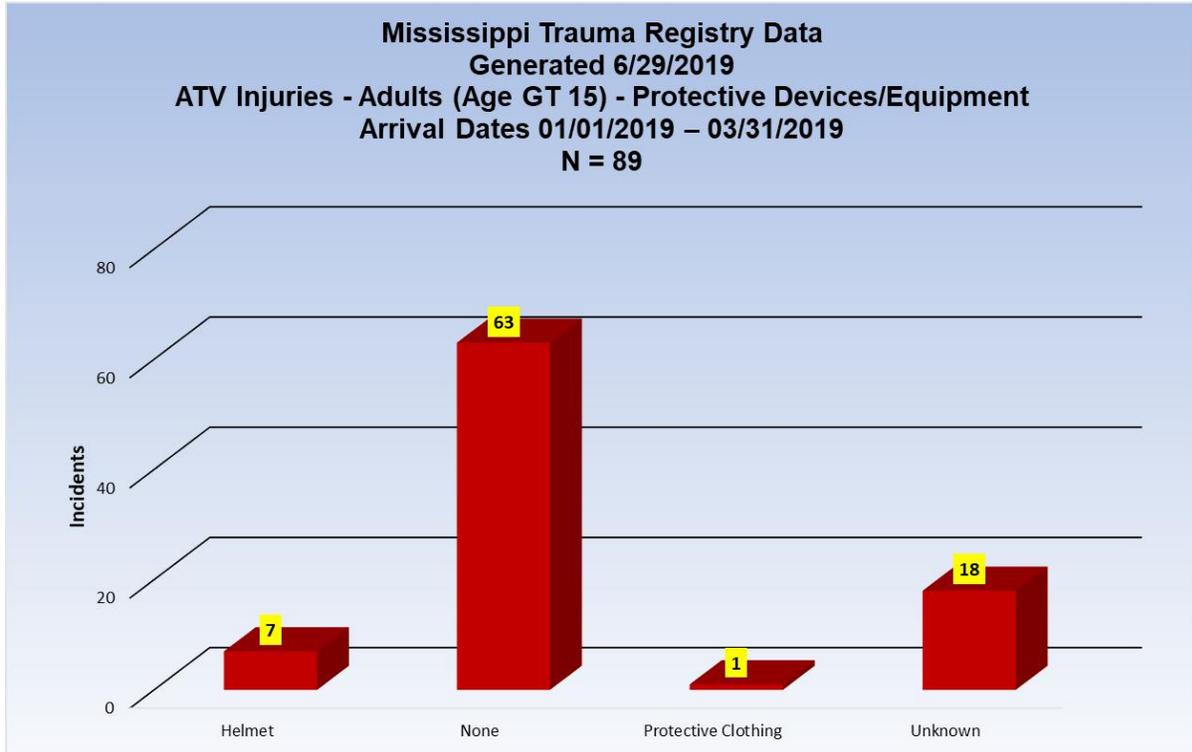
MVA Deaths



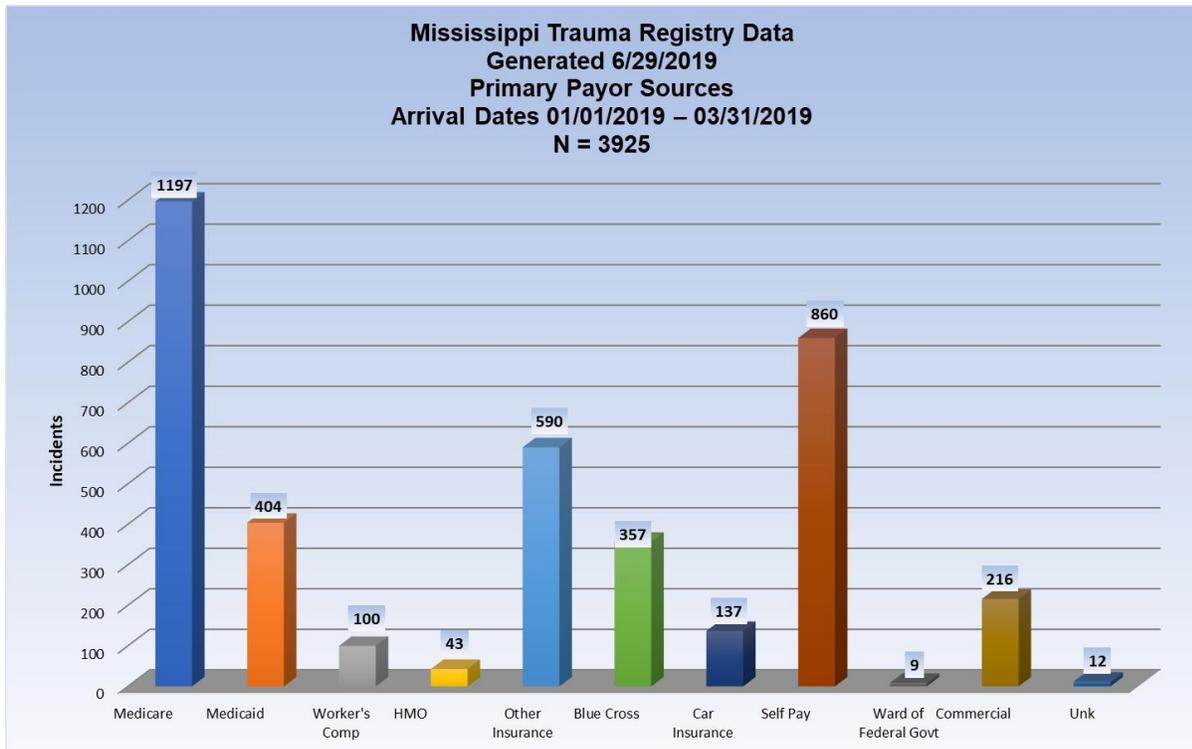
ATV Injuries (Protective Devices)
Pediatric



**ATV Injuries (Protective Devices)
Adult**



Financial Data:



Trauma Care Trust Fund:

	April	May	June	Total
Auto Privilege & Tag Fees	\$1,006,745.00	\$1,273,478.89	\$1,082,673.32	\$3,362,897.21
Interest Income	\$14,723.18	\$23,816.79	\$21,619.21	\$60,159.18
License, Fees and Permits	\$75,953.39	\$104,718.85	\$123,664.52	\$304,336.76
				\$3,727,393.15