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MISSISSIPPI DEPARTMENT OF  
REHABILITATION SERVICES

Office of Special Disability Programs  
Traumatic Brain Injury/Spinal Cord Injury Trust Fund Program

# Annual Report

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## MISSION STATEMENT

It is the mission of the Mississippi Department of Rehabilitation Services (MDRS) to provide appropriate and comprehensive services to Mississippians with disabilities in a timely and effective manner. Programs and services assist individuals with disabilities to gain employment, retain employment and to live more independently.

## VISION STATEMENT

In an effort to enable Mississippians with spinal cord injury and traumatic brain injury achieve their maximum level of independence, the 1996 Mississippi Legislature established the Traumatic Brain Injury/Traumatic Spinal Cord Injury (TBI/SCI) Trust Fund. The goal of the Trust Fund Program is to assist individuals who are severely disabled by traumatic spinal cord injury or traumatic brain injury to resume activities of daily living and to reintegrate into the community with as much dignity and independence as possible.

# DEAR GOVERNOR BRYANT

and members of the Mississippi Legislature:

**Chris M. Howard**  
*Executive Director*

As the Executive Director of the Mississippi Department of Rehabilitation Services, I am proud to present the 2015 Traumatic Brain Injury/Traumatic Spinal Cord Injury Trust Fund Annual Report. The Trust Fund Advisory Council Members, along with other individuals interested in expanding services to people with spinal cord and traumatic brain injuries, have generously contributed their time, expertise, and enthusiasm in carrying forward the intent of the original legislation. It is a privilege to report the continued good progress of the Trust Fund and its partners who provide the much-needed resources for Mississippians with traumatic brain and spinal cord injuries.

Every effort has been made by the members of the Trust Fund Advisory Council and the staff of the Mississippi Department of Rehabilitation Services to identify address, and implement the components and objectives of the Trust Fund. Because of the services made possible by the Trust Fund, Mississippians with traumatic brain and spinal cord injuries are better able to strive for and achieve an improved quality of life following injury. The continued implementation of the Traumatic Brain Injury/Spinal Cord Injury Home and Community-based Waiver, which utilizes dollars from the Trust Fund to match federal dollars to extend services to more individuals with Traumatic Brain Injury or Spinal Cord Injury, has been fundamental to the success of effectively serving these individuals. This program allows individuals to live in their own homes surrounded by their families and caregivers instead of a nursing or institutional facility.

During FY 2016, we will continue to pursue all possible funding alternatives and resources to leverage the maximum draw down of available federal funds. We will continue our efforts to encourage interagency collaboration while working to develop new services for our clients. The staff of the Mississippi Department of Rehabilitation Services continues to work diligently to ensure that the necessary resources for individuals who have sustained a traumatic brain injury or spinal cord injury are available today and in the future. Also, we have continued our prevention/education efforts with our "Use Your Brain" helmet giveaway program and Sports Concussion Awareness campaign. At FY 2015 end, over 86,000 multi-sport safety helmets had been distributed. Our FY 2016 plans will include hunter safety messages and support of Mississippi's Texting Law. All of our campaigns have received a great response and we will be persistent in promoting these messages of prevention.

Sincerely,

Chris M. Howard, Executive Director  
Mississippi Department of Rehabilitation Services

# ELIGIBILITY

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Any resident of Mississippi, regardless of age, who has a severe disability as a result of a traumatic spinal cord injury or a traumatic brain injury and is medically stable, shall be eligible for services. Medical stability is defined as the absence of (a) an active, life threatening condition (e.g., sepsis, respiratory, or other condition requiring systematic therapeutic measures); (b) IV drip to control or support blood pressure; and (c) intracranial pressure or arterial monitoring.

For the purposes of this program, traumatic brain injury is defined as an insult to the skull, brain, or its covering, resulting from external trauma which produces an altered state of consciousness or anatomic, motor, sensory or cognitive/behavioral deficits. Spinal cord injury is defined as an acute traumatic insult to the spinal cord, not of a degenerative or congenital nature, but caused by an external trauma resulting in any degree of motor or sensory deficit.

The Trust Fund Program is the payer of last resort. An individual must seek assistance from all available resources prior to the Trust Fund's participation in a service.

# FUNDING

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Motor vehicle accidents remain the leading cause of both traumatic spinal cord and traumatic brain injuries in Mississippi. Funding for the TBI/SCI Trust Fund is provided through fees and surcharges on moving traffic violations. Collection of these surcharges began July 1, 1996. A \$25.00 surcharge is collected from every violation of the Mississippi Implied Consent (Driving Under the Influence) Law, and \$5.45 from all other moving vehicle violations.

# PROGRAM ADMINISTRATION

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The Mississippi Department of Rehabilitation Services (MDRS) was designated by the Legislature to administer the Spinal Cord and Brain Injury Trust Fund Program. The MDRS Office of Special Disability Programs coordinates the direct services to eligible consumers, and a full-time program coordinator oversees the coordination of services. A variety of community-related integration programs are also provided through the Traumatic Brain Injury/Spinal Cord Injury Trust Fund via contracts with community organizations and agencies.

# ADVISORY COUNCIL

A ten-member advisory Council provides advice and expertise to the MDRS in the preparation, implementation and periodic review of the TBI/SCI Trust Fund Program. The composition of the Advisory Council was designated by legislation to include the following: (1) A physician with expertise in areas related to the care and rehabilitation of individuals with spinal cord injuries or traumatic brain injuries, (2) A professional in a clinical rehabilitation setting, (3) A representative designated by the Brain Injury Association of Mississippi, (4) A representative designated by the Mississippi Paralysis Association, (5) Three individuals with spinal cord injuries or traumatic brain injuries, and (6) Three family members of individuals with traumatic spinal cord or traumatic brain injuries.

## CURRENT ADVISORY COUNCIL MEMBERS

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### ***Dr. Edward Manning, Chairperson, Psychologist (Professional in Clinical Rehabilitation Setting) –***

Dr. Manning is a faculty member (Professor) in the Department of Neurology at the University of Mississippi Medical Center. He has worked extensively in the assessment and treatment of neurobehavioral aspects of brain injury. He is active in the Brain Injury Association of Mississippi and is past president of the association. He is a active member of a number of national professional associations in the fields of Clinical Psychology and Clinical Neuropsychology.

### ***Dr. Howard Katz, Physiatrist, Brain Injury Specialist (Designee of the Brain Injury Association of Mississippi) –***

Dr. Katz has been chairman of the Board of Directors of the Brain Injury Association of Mississippi since its inception in 1989. In addition to his active involvement in organizations that promote services to individuals with brain injuries, he is well known for his individualized patient care. He works closely with brain and spinal cord injury survivors and their families to maximize independence and provide long term medical care management.

### ***Ms. Natalie Ellis, (Designee of the Mississippi Paralysis Association) –***

Ms. Ellis has been on the Board of Directors for the Mississippi Paralysis Association since 1991 and currently serves as Executive Director. A spinal cord injury survivor since 1988, she is also Secretary on the Board of Directors for Living Independence For Everyone (LIFE) and actively involved in many community organizations.

### ***Ms. Susan Marquez, Family Member –***

Susan learned about the world of TBI/SCI in 2008 when her daughter, Nicole, fell six stories off the roof of her New York apartment building. A freelance writer and marketing/public relations professional, Susan is an avid advocate for the advancement of Mississippians with disabilities, reaching out to families touched by TBI/SCI to help them navigate the system and encouraging them whenever possible.

### ***Mr. Cameron Stubbs, SCI Survivor -***

Mr. Stubbs recently worked for the Mississippi Department of Rehabilitation Services as an Outreach Coordinator. Cameron returned to The University of Mississippi in the fall of 2013 to pursue his Master's Degree in Higher Education. He currently serves as a Graduate Assistant for the UM Career Center's Job Location and Development Program. Cameron will receive his Masters in the fall of 2015. A spinal cord injury survivor since 2003, he works with multiple organizations advocating for the advancement of Mississippians with disabilities by being a board member of APSE and the ARC. As a SCI survivor and advocate, he engages the public with disability awareness presentations and motivational speaking to relay his message and story of living with a spinal cord injury to help support families in similar situations.

### ***Dr. Greg Little, TBI Survivor -***

Dr. Little is a nationally known speaker and motivator, and has presented seminars on humor, stress management, group bonding and noncompetitive group games extensively throughout the United States. He emphasizes active involvement by participants. Greg has pulled together his education (including a B.S. in Therapeutic Recreation and a Ph.D. in Adult Education) and employment background to lead dynamic seminars. Whether teaching participants to cope with stress, bond as a productive group or realize their hidden strengths, his seminars are hard hitting and memorable.

### ***Mr. William M. Beasley, SCI Survivor –***

Mr. Beasley is an associate attorney with Phelps Dunbar LLP where his practice focuses on commercial and appellate litigation. Mr. Beasley was injured in 2001 but earned undergraduate and graduate degrees in history and a law degree by 2009, all with honors, serves on numerous boards, is a member of several organizations devoted to maritime security and also writes on national security issues in his spare time. As an SCI survivor and active member of the community, Mr. Beasley attempts to demonstrate that SCI survivors are assets to the community, not victims.

# TBI/SCI WAIVER

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MDRS received approval from The Centers for Medicare and Medicaid Services (CMS) in 2002 to implement the TBI/SCI Waiver. In 2015, the TBI/SCI Waiver was renewed for another five years. This home and community-based services program is operated in partnership with the Mississippi Division of Medicaid. The program utilizes matching dollars from the TBI/SCI Trust Fund to draw down federal dollars to extend services to individuals with traumatic brain and spinal cord injuries. Individuals enrolled in the TBI/SCI Waiver may receive attendant care, respite care, limited home modifications, medical equipment, and supplies and transition assistance services. All services are provided pursuant to an individualized plan of care. During Fiscal Year 2015, a total of 952 individuals received services through the TBI/SCI Waiver.

**952 INDIVIDUALS RECEIVED SERVICES**

## DIRECT CLIENT SERVICES

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### DURABLE MEDICAL EQUIPMENT AND SUPPLIES

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Durable Medical Equipment and Supplies enable individuals to increase their ability to perform the activities of daily living, perceive, control, or communicate with the environment in which they live. Because of these services, their independence is greatly enhanced. An example of such services is specialized wheelchairs. There is a \$35,000 lifetime cap for Durable Medical Equipment, Home Modifications and Vehicle Modifications combined when provided by the Trust Fund. A total of 478 consumers received Durable Medical Equipment and Supplies.

**478 INDIVIDUALS RECEIVED EQUIPMENT AND SUPPLIES**

### HOME MODIFICATIONS

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Many times an individual is restricted in his/her activities due to limited access to their environment. Home modifications enable the individual to function more independently in their home by making their home environment accessible. Examples of such services are: widening doorways and installing grab bars. A total of 116 consumers received Home Modifications.

**116 CONSUMERS RECEIVED HOME MODIFICATIONS**

### VEHICLE MODIFICATIONS

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Vehicle Modifications are provided to accommodate specialized wheelchairs or other mobility devices. These services are also provided to enable the individuals to transport themselves or be transported in the community. Vehicle Modifications are a service component through the TBI/SCI Trust Fund but not the TBI/SCI Waiver. Fifty-two consumers received Vehicle Modification services.

**52 CONSUMERS RECEIVED VEHICLE MODIFICATIONS**

# DIRECT CLIENT SERVICES

## RESPITE SERVICES

Respite Services gives short-term, temporary relief to the family caregiver because of the absence or need for relief of the caregiver. Respite helps reduce stress and maintain family relations by providing the caregiver with time to rest, relax and re-create. Payments are made for the following levels of care, based on a physician's determination of need: (1) Companion, (2) Nurse Aide, (3) Licensed Practical Nurse, and (4) Registered Nurse. A total of 38 consumers received Respite Services.

**38 CONSUMERS RECEIVED RESPITE SERVICES**

## PERSONAL CARE ATTENDANT SERVICES

Personal Care Attendant Services provide human assistance to individuals that enable them to accomplish tasks they would normally do for themselves if they did not have a disability. Personal Assistance may be in the form of hands-on assistance to assist with eating, bathing, dressing, personal hygiene, and transferring or assistance with cognitive activities such as planning daily schedules, grocery shopping, and banking. Transitional Personal Care Attendant Services are limited to 12 months. During this time, the survivor and family members will be assisted with seeking other attendant care services that can go beyond the 12-month limit such as attendant care services provided under the Waiver. A total of 982 consumers received Personal Care Attendant Services.

**982 CONSUMERS RECEIVED PERSONAL CARE ATTENDANT SERVICES**

## EMERGENCY SERVICES

Emergency Services are services provided to the individuals that are of a short-term, urgent nature and are considered critical for the individual's survival, general health, and welfare. There is a \$1,000 lifetime cap limitation per individual. Emergency Services are not a service component of the TBI/SCI Waiver but are a service component through the TBI/SCI Trust Fund.

## CASE MANAGEMENT

Case Management involves assisting individuals in gaining access to needed services. Case Management may be used to locate, coordinate, and monitor necessary and appropriate services. Case Management also serves to provide necessary coordination of multiple services and/or Providers. Case Managers are involved in developing an individualized Plan of Care with the consumer. At a minimum, the Counselor maintains monthly contact and conducts quarterly face to face visits with the individual. A total of 1284 individuals received case management services through the TBI/SCI Waiver and TBI/SCI Trust Fund.

**1284 INDIVIDUALS RECEIVED CASE MANAGEMENT SERVICES**

## TRANSITION ASSISTANCE SERVICES

Transition Assistance Services are services provided to a Mississippi Medicaid eligible nursing facility resident to assist in transitioning from the nursing facility into the Traumatic Brain Injury/Spinal Cord Injury Waiver Program. Transition Assistance is one-time initial expense required for setting up a household. The expenses must be included on the Plan of Care. Transition Assistance Services are capped at \$800.00 one-time initial expense per lifetime. Transition Assistance Services are a service component through the TBI/SCI Waiver but are not a service component of the TBI/SCI Trust Fund.

# EXPENDITURES BY SERVICE CATEGORY

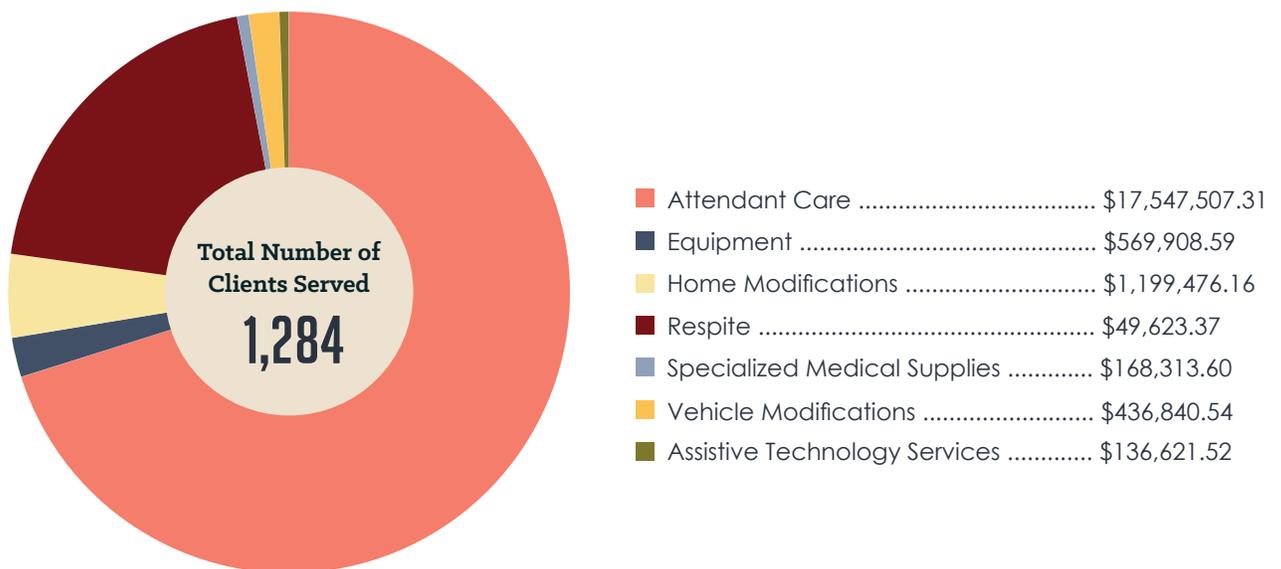
## TBI/SCI Trust Fund and TBI/SCI Waiver

The following chart is an overview of the number of clients served, the types of services received and funds utilized through the TBI/SCI Trust Fund and the TBI/SCI Waiver for Fiscal Year 2015.

Attendant Care	\$17,547,507.31
Equipment	\$569,908.59
Home Modifications	\$1,199,476.16
Respite	\$49,623.37
Specialized Medical Supplies	\$168,313.60
Vehicle Modifications	\$436,840.54
Assistive Technology Services	\$136,621.52
<b>Total Expenditures</b>	<b>\$20,108,291.09</b>

**Total Number of Clients Served**

# 1,284



# GRANT PROJECTS

## PREVENTION AND EDUCATION PROJECTS

Mississippi has one of the highest incidence rates of traumatic brain injuries in the United States. However, most spinal cord and brain injuries are preventable. If Mississippians practiced better safety measures such as eliminating drunk driving, wearing motorcycle/bicycle helmets, and properly using safety belts/child restraints, the number of SCI and TBI injuries would be drastically reduced.

The TBI/SCI Trust Fund promotes prevention activities by annually funding projects that increase awareness and acceptance of safety practices. These campaigns may be targeted toward a specific activity (e.g., diving safety, seat belt usage, drinking and driving) or a particular age group (children, teens, etc.) or they may be more general in scope.

Projects may also be funded to promote awareness and education regarding SCI and TBI. Target groups could include any of the following: individuals with SCI and TBI; family members; employers; professionals such as educators, social workers, and health care providers; or the general public.

**The following Prevention and Education Projects were funded for FY 2015, beginning July 1, 2014:**

**Brain Injury Association of Mississippi (BIA) -**

*“The BIA of Mississippi’s Statewide Program for Brain and Spinal Cord Injury Awareness, Education, Prevention and Support Program”*

**Memorial Hospital at Gulfport Foundation - “ATV Safety Events” -**

*Two events provided an ATV safety education talk, a safety T-shirt and a free ATV helmet to 250 participants.*

**Memorial Hospital at Gulfport Foundation - Equine Safety Event -**

*This event provided 100 participants with equine safety helmets as well as educational material on the importance of wearing a helmet when riding horses.*

**2 B Lazy Farm – “Equine Awareness Safety Division” -** *The 2 B Lazy Farm promotes the awareness of the need to use equine and rough stock safety equipment, such as helmets and breakaway stirrups, for all types of riding and for all age riders. This program promotes education and prevention regardless of experience from backyard enthusiast to show ring expert, for persons with traumatic brain injury and traumatic spinal cord injury.*

**Mississippi Safety Services - “Belts, Boosters, and Brains” -**

*This project provides education on how to properly utilize booster seats and seat belts.*

**CANDY– “Citizens Against Needless Death in Youth”-**

*A non-profit prevention and education organization developed to prevent the needless death of children not restrained properly in car seats. It provides loaner car seats to individuals on a short or long term basis depending on the individual’s needs. It also provides educational safety events at area schools.*

# GRANT PROJECTS

## PREVENTION AND EDUCATION PROJECTS

The following Prevention and Education Projects were funded for FY 2015, beginning July 1, 2014:

**Youth Sports Concussion Prevention and Awareness - “Head to Head radio show” -**

*In September 2013 we began a campaign to bring attention to sports related concussions. The Traumatic Brain Injury/Spinal Cord Injury Trust Fund had the opportunity to sponsor the Head to Head radio show on Supertalk Radio to spread our message. We also had radio spots airing across the state along with promotions at high school and college football games, Mississippi Braves baseball games and conferences.*

## TRANSITIONAL LIVING PROJECTS

Transition from a medical setting to the home and community after a traumatic injury involves numerous changes and adjustments for the survivor and family members. The Trust Fund Program traditionally funds projects that assist with this reintegration. These projects will address activities such as increasing accommodating physical functioning; cognitive retraining; behavior modification; socialization; recreational activities; and adjustment to disability by the consumer and family members.

**Methodist Rehabilitation Center - “MRC Transitional Living Services and Community Integration for Individuals with Traumatic Brain or Spinal Cord Injury Program Quest”-**

*This program used grant funds to purchase treatment in the outpatient program for TBI/SCI survivors who have no other funding source and who would otherwise not have access to transitional living and community integration services.*

## RECREATION PROJECTS

People with spinal cord and brain injuries may have physical limitations, but there is no limit to their desire for social and recreational activities. In an effort to expand opportunities for recreation, the following projects were funded for FY 2015 beginning July 1, 2014:

The following Prevention and Education Projects were funded for FY 2015, beginning July 1, 2014:

**MACE—Metro Area Community Empowerment- “Rollin’ Tigers Recreational Services” -**

*“Mace” provides recreational opportunities through basketball, tennis, and softball. The Rolling Tigers program gives opportunities for individuals with spinal cord injuries to compete in wheelchair sports and promote physical fitness.*

**William Heard -“Our Artworks” Program-**

*“Our Artworks” was developed as an organization to help individuals with disabilities discover the arts. It is a creative adult art program designed to bring out the creativity of individuals and build on self-awareness and self-confidence skills. Participants created paintings, drawings, photography and collages.*

# GRANT PROJECTS

## FY 2015 TOTAL EXPENDITURES



# ANNUAL NURSING HOME SURVEY

The TBI/SCI Trust Fund legislation requires an annual survey of Mississippi nursing homes to identify all residents under the age of fifty-five who have traumatic spinal cord or brain injuries. Beginning June 2015, the Office of Special Disability Programs mailed out two hundred and fifty (250) nursing home surveys. A total of one hundred twenty-seven (127) survey forms were returned. Of those one hundred twenty-seven (127) survey forms, eighty-one (81) nursing homes reported they had no individuals with traumatic brain injuries or spinal cord injuries. Based on the other forty-six (46) forms received, the nursing homes reported seventy-nine (79) individuals with a traumatic brain injury and thirty-nine (39) individuals with spinal cord injury.

# TBI AND SCI REGISTRY

## FY 2015 Traumatic Brain Injuries/Spinal Cord Injuries - *The Impact of Injuries in our State*

<u>Traumatic Brain Injuries ..... 4,862</u>	
	0 500 1000 1500 2000 2500
Struck by/Against	636
Motor Vehicle Traffic	1335
Falls	1783
Unknown	39
Other Transport	388
Other Assault	118
Motorcycle	120
Gun Shot Wound	117
Pedestrian	133
Other Cause-Unspecified	46
Other Cause-Specified	36
Pedal Cyclist	56
Stabbing	25
Poisoning	2
Machinery	11
Natural Environmental	3
Other Suicides	7
Submersion/Suffocation/Foreign Bodies	1
Fire/Burn	5
Overexertion	1

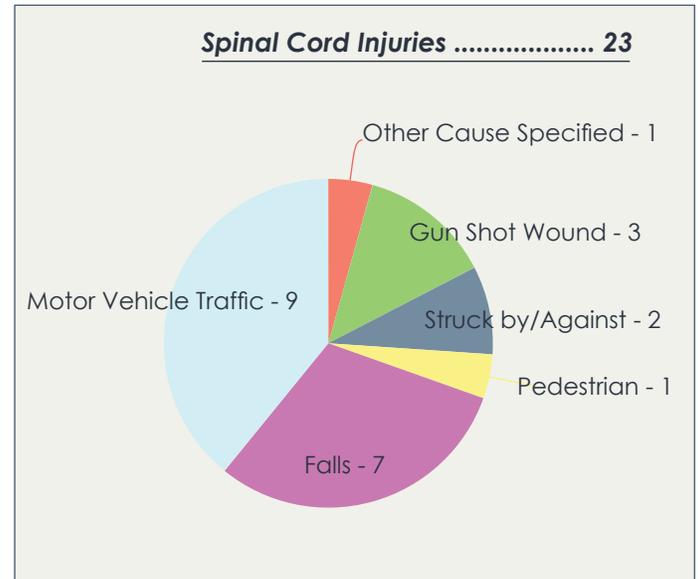
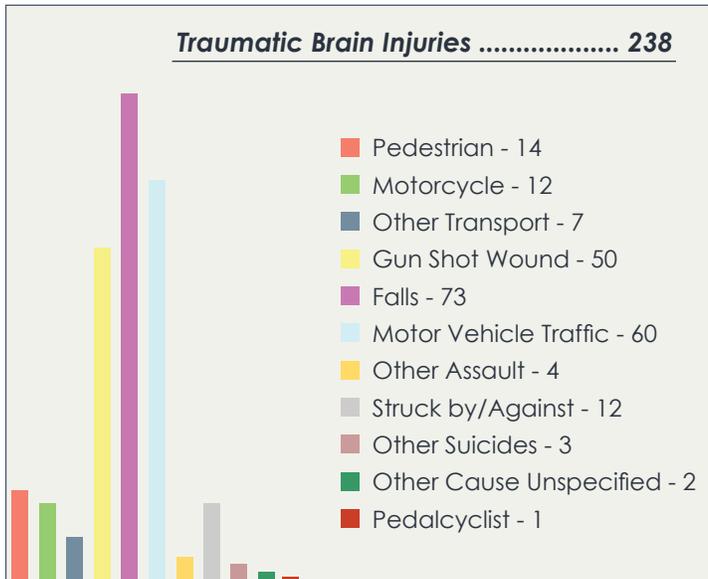
<u>Spinal Cord Injuries ..... 288</u>	
	0 50 100 150 200 250
Other Cause-Specified	8
Other Cause-Unspecified	7
Falls	80
Unknown	8
Motor Vehicle Traffic	112
Other Transport	21
Gun Shot Wound	17
Struck by/Against	9
Motorcycle	10
Other Assault	3
Poisoning	0
Pedestrian	6
Pedal Cyclist	1
Stabbing	3
Natural Environmental	0
Other Suicides	0
Fire/Burn	0
Machinery	1
Overexertion	2

**\*\*Note:** Struckby/Against includes - Altercations/fights, Hit by flying object, or blunt instrument, Crush, Sports injuries

# SCI AND TBI REGISTRY

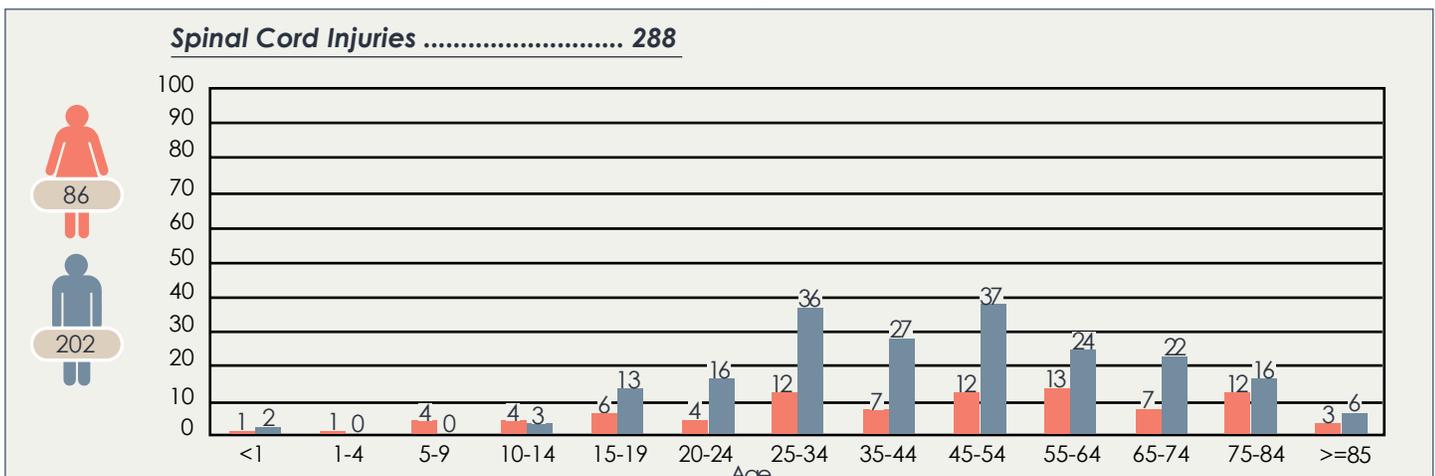
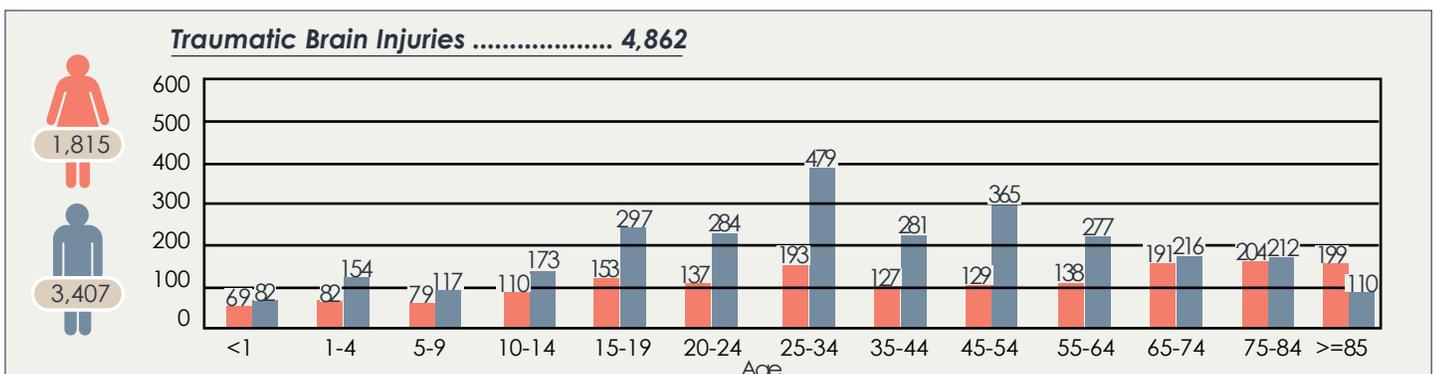
FY 2015 Traumatic Brain Injuries/Spinal Cord Injuries - *The Impact of Injuries in our State*

## MORTALITY CAUSES



**\*\*Note:** Struckby/Against includes - Altercations/fights, Hit by flying object, or blunt instrument, Crush, Sports injuries

## INCIDENTS BY AGE AND GENDER



# OTHER ACTIVITIES

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**Use Your BRAIN: *Best Routine Against Injury Now*” Helmet distribution program-**

The TBI/SCI Trust Fund implemented the “Use Your BRAIN: *Best Routine Against Injury Now*” Helmet distribution program in February 2010. Over 86,000 helmets have been given to elementary students at schools and events across the State since the program began.

**Hunter Safety-**

Radio spots regarding hunter safety and tree stand safety were aired across the state. This is an ad that ran in Mississippi Sportsman magazine.

Additionally, our partnership with the Big Buck Bounty allowed for hunter safety ads to be published in *Mississippi Sportsman Magazine*.



## Office of Special Disability Programs

Traumatic Brain Injury/Spinal Cord Injury Trust Fund Program

Your perspective is extremely valuable,  
and we greatly appreciate any and all feedback!

*Please send any comments or questions to:*

Post Office Box 1698 | Jackson, Mississippi 39215-1698  
1.800.443.1000 | [www.mdrs.ms.gov](http://www.mdrs.ms.gov)

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