

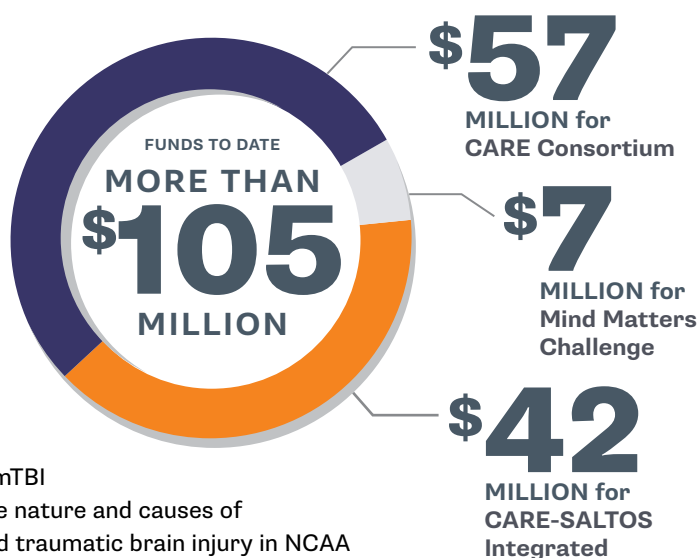
# NCAA-DoD Grand Alliance

In May 2014, the NCAA® and U.S. Department of Defense launched a landmark initiative to enhance the safety of athletes and service members. This included the most comprehensive study of concussion ever conducted.

The research is managed by the Concussion Assessment, Research and Education (CARE) Consortium, with participating universities enrolling male and female student-athletes from all NCAA sports, plus all eligible male and female service academy cadets.

Additionally, the Mind Matters Challenge called for education and research submissions from academic institutions and the private sector to help change the culture of concussion reporting and management.

The third phase, known as the CARE-Service Academy Longitudinal mTBI Outcomes Study (SALTOS) Integrated (CSI) Study, will investigate the nature and causes of long-term effects of head impact exposure (HIE) and concussion/mild traumatic brain injury in NCAA student-athletes and military service members.



## Concussion Figures

An average of **11,500 concussions** per year were estimated to have occurred among college athletes between **2009-10** and **2018-19**, of which approximately **3,750** were among **football players**.\*



### THE HARDEST HITS:

The estimated rate of concussions reported in select NCAA sports between **2009-10** and **2018-19**.\*

<b>6.9</b>	<b>6.8</b>	<b>7.2</b>	<b>7.6</b>	<b>7.8</b>
Women's Soccer	Football	Women's Ice Hockey	Men's Ice Hockey	Wrestling

Rates per 10,000 athlete exposures

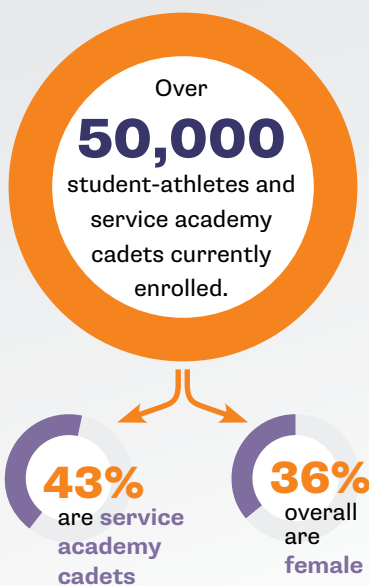
\*Source: Datalyz, a nonprofit organization that tracks NCAA injury data

American service members have suffered more than **320,000 brain injuries** since 2000, and more than **80%** have occurred **outside of combat**.



It is estimated that between **1.6 million** and **3.8 million recreation-related concussions** occur annually nationwide.

## Enrollment Data



## Concussion Study

Over **5,000 concussions**, occurring in every sport and military training studied to date.

*Previously, a large concussion study was considered to be 20 concussions.*

Student-athletes from every sport and all eligible service academy cadets are represented.



**36%** of concussions studied are in **females**, which to date have been vastly underrepresented in the concussion literature.

## Concussion Check-In Timeline

Each student-athlete undergoes baseline testing before the season and then data are collected again at specific intervals after he or she suffers a concussion.

