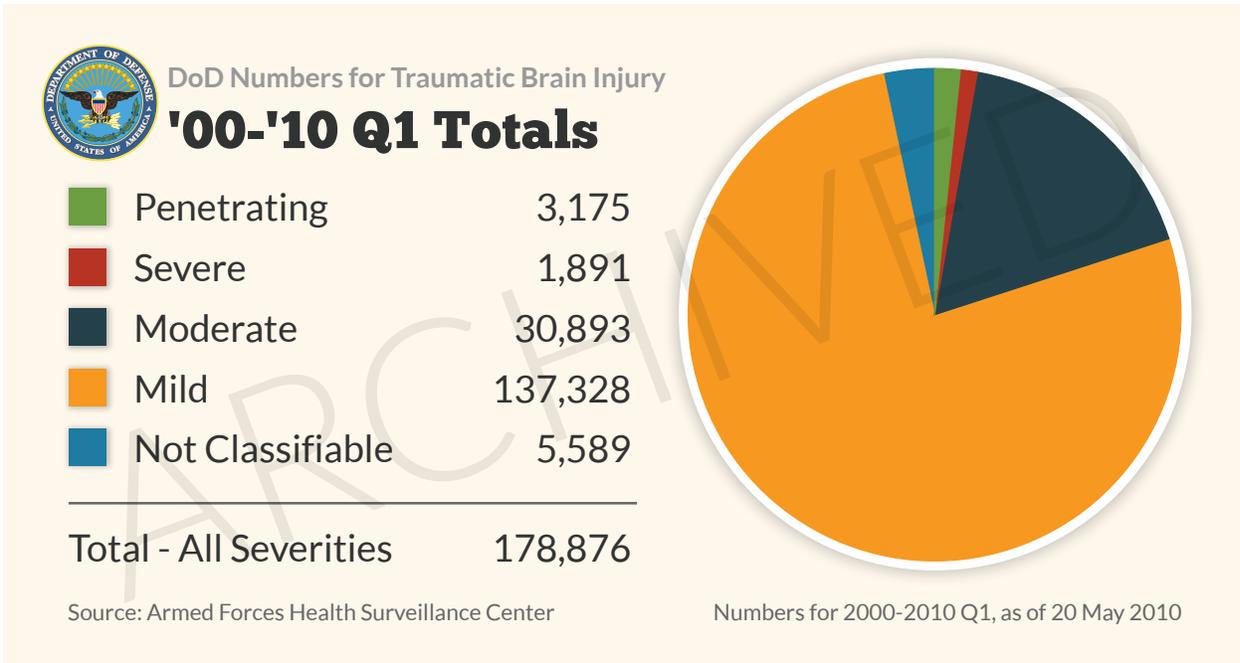


## TBI Numbers By Severity – All Armed Forces



**Concussion/Mild TBI is characterized by the following:** A confused or disoriented state which lasts less than 24 hours; loss of consciousness for up to 30 minutes; memory loss lasting less than 24 hours; and structural brain imaging (MRI or CT scan) yielding normal results.

**Moderate TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 30 minutes, but less than 24 hours; memory loss lasting greater than 24 hours but less than seven days; and structural brain imaging yielding normal or abnormal results.

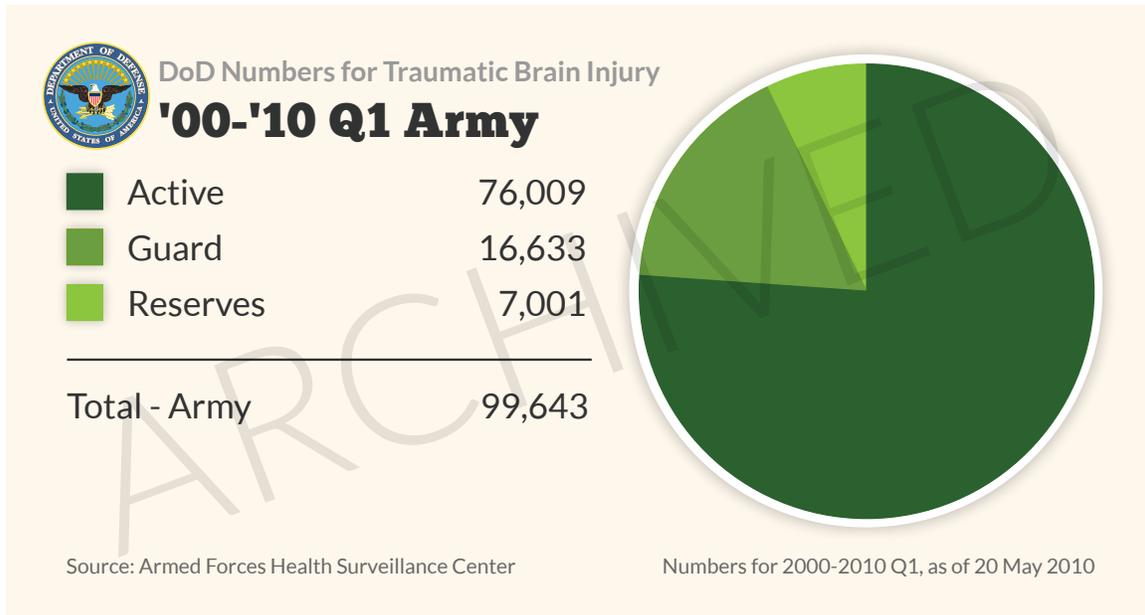
**Severe TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

**Penetrating TBI, or open head injury, is characterized by the following:** A head injury in which the dura mater, the outer layer of the meninges, is penetrated. Penetrating injuries can be caused by high-velocity projectiles or objects of lower velocity such as knives, or bone fragments from a skull fracture that are driven into the brain.

*Numbers for 2000 – 2010 Q1, as of 20 May 2010*

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Army

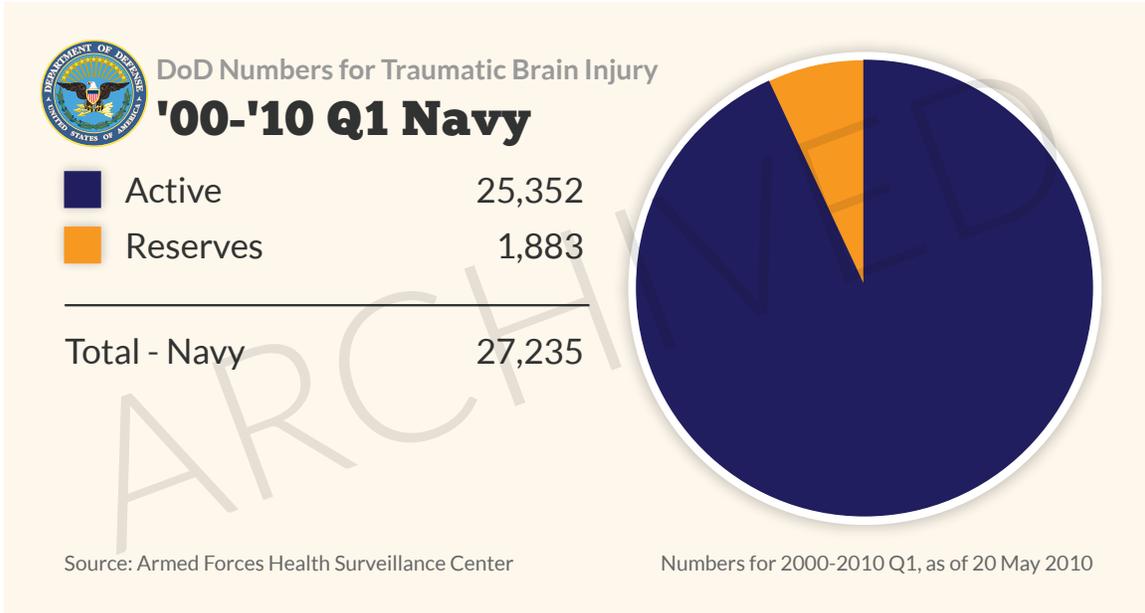


Service	Component	Severity	2000 – 2010 Q1
Army	Active	Penetrating	1,515
		Severe	820
		Moderate	12,219
		Mild	56,965
		Not Classifiable	4,490
	Guard	Penetrating	296
		Severe	176
		Moderate	2,808
		Mild	12,903
		Not Classifiable	450
	Reserves	Penetrating	99
		Severe	58
		Moderate	1,202
		Mild	5,471
		Not Classifiable	171

Numbers for 2000 – 2010 Q1, as of 20 May 2010

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Navy

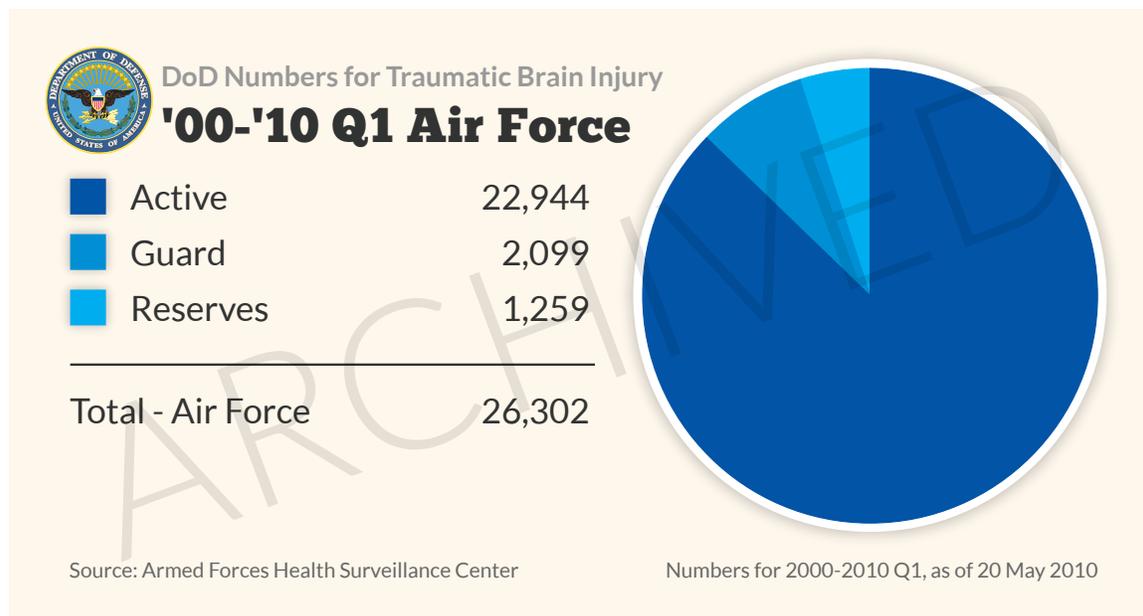


Service	Component	Severity	2000 – 2010 Q1
Navy	Active	Penetrating	409
		Severe	265
		Moderate	5,073
		Mild	19,426
		Not Classifiable	179
	Reserves	Penetrating	27
		Severe	18
		Moderate	350
		Mild	1,482
		Not Classifiable	6

*Numbers for 2000 – 2010 Q1, as of 20 May 2010*

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
 Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Air Force

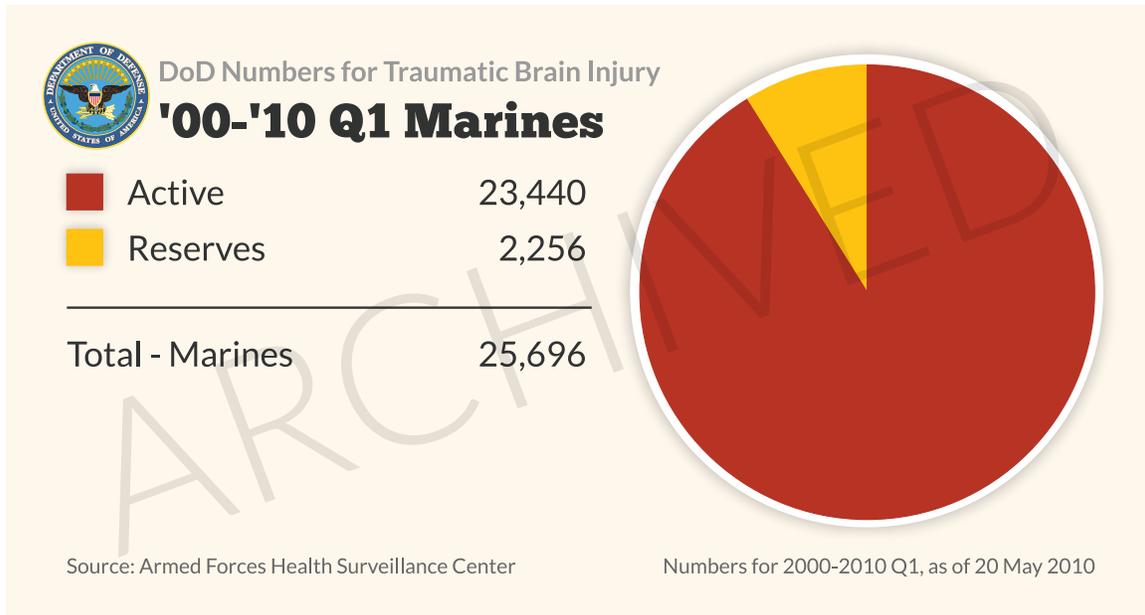


Service	Component	Severity	2000 – 2010 Q1
Air Force	Active	Penetrating	313
		Severe	226
		Moderate	3,693
		Mild	18,613
		Not Classifiable	99
	Guard	Penetrating	28
		Severe	16
		Moderate	323
		Mild	1,718
		Not Classifiable	14
	Reserves	Penetrating	12
		Severe	11
		Moderate	202
		Mild	1,023
		Not Classifiable	11

Numbers for 2000 – 2010 Q1, as of 20 May 2010

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Marines



Service	Component	Severity	2000 – 2010 Q1
Marines	Active	Penetrating	437
		Severe	288
		Moderate	4,581
		Mild	17,982
		Not Classifiable	152
	Reserves	Penetrating	39
		Severe	13
		Moderate	442
		Mild	1,745
		Not Classifiable	17

Numbers for 2000 – 2010 Q1, as of 20 May 2010

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)