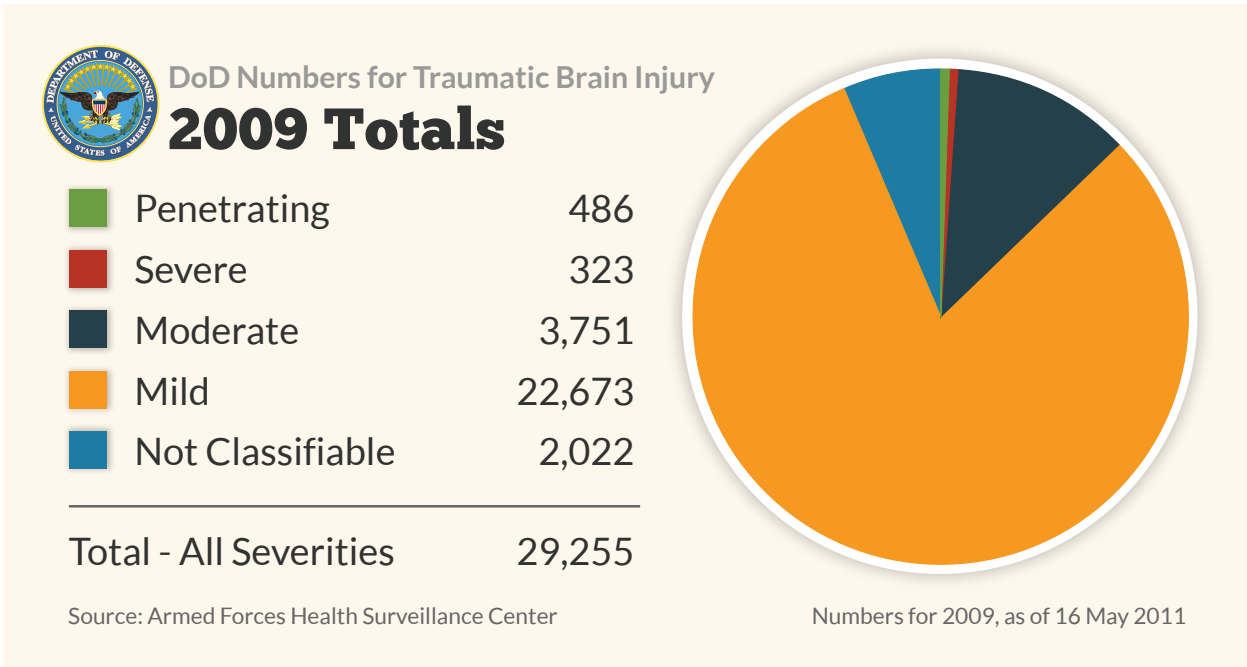


## TBI Numbers By Severity – All Armed Forces



**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.

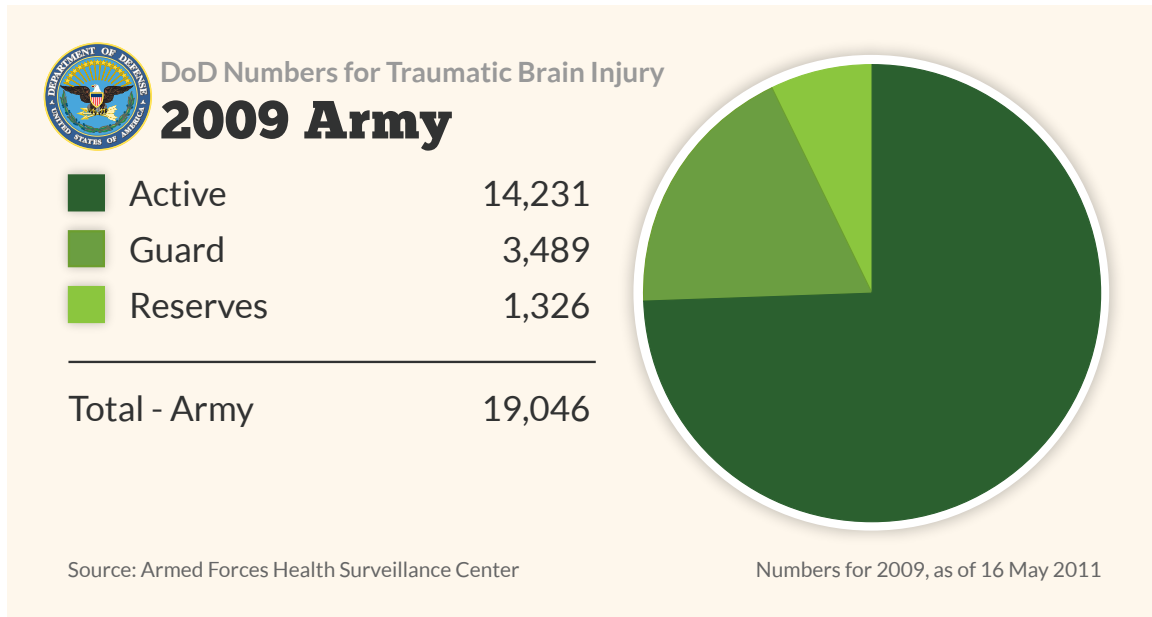
**Severe TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

**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 2009, as of 16 May 2011*

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

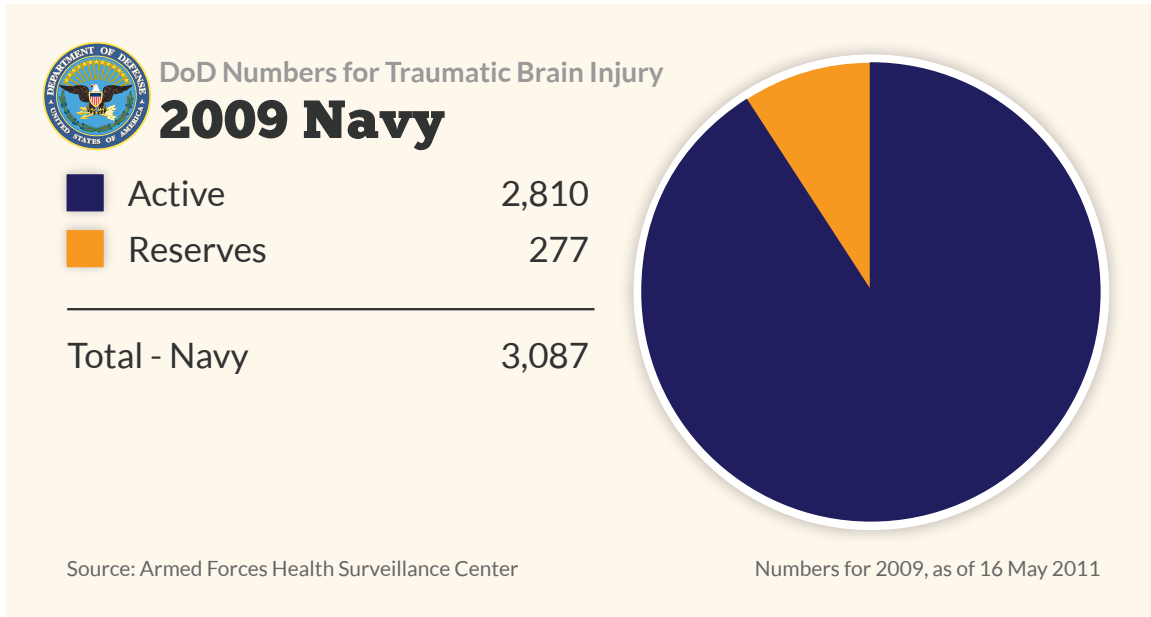


Service	Component	Severity	2009
Army	Active	Penetrating	305
		Severe	172
		Moderate	1,858
		Mild	10,260
		Not Classifiable	1,636
	Guard	Penetrating	65
		Severe	43
		Moderate	523
		Mild	2,713
		Not Classifiable	145
	Reserves	Penetrating	17
		Severe	12
		Moderate	195
		Mild	1,021
		Not Classifiable	81

Numbers for 2009, as of 16 May 2011

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

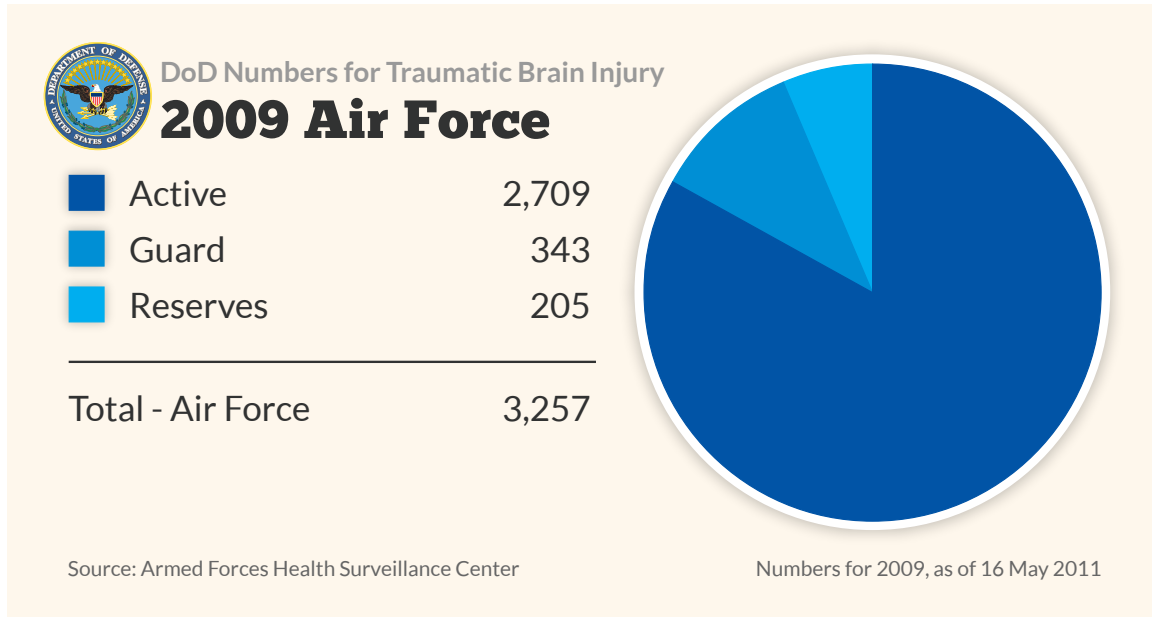


Service	Component	Severity	2009
Navy	Active	Penetrating	24
		Severe	17
		Moderate	286
		Mild	2,436
		Not Classifiable	47
	Reserves	Penetrating	3
		Severe	2
		Moderate	45
		Mild	225
		Not Classifiable	2

*Numbers for 2009, as of 16 May 2011*

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

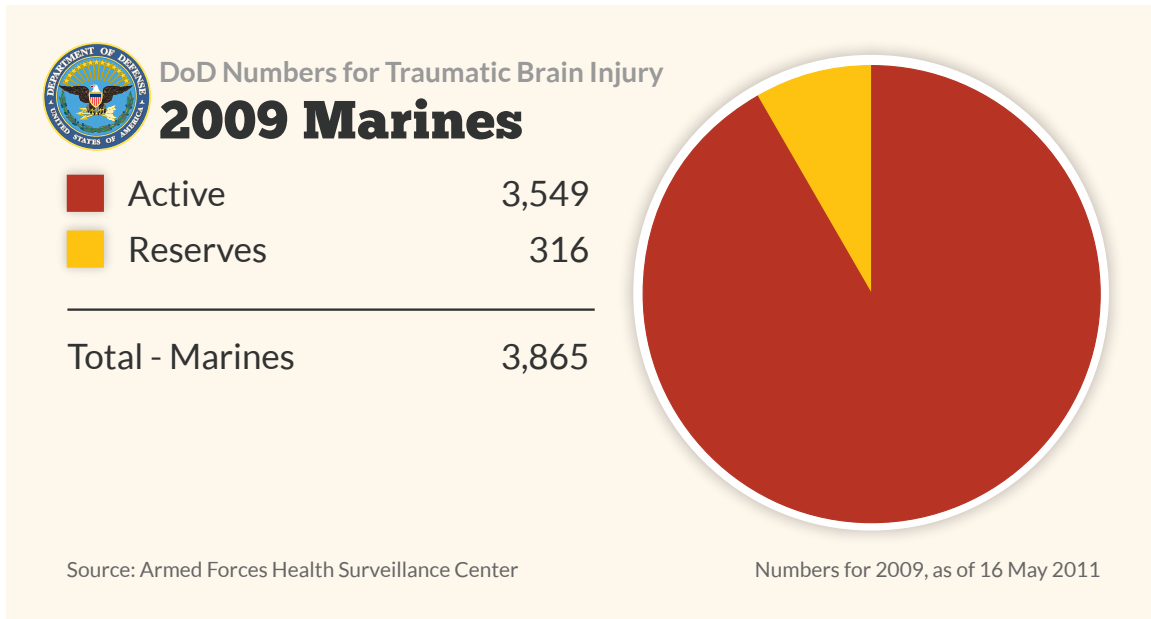


Service	Component	Severity	2009
Air Force	Active	Penetrating	25
		Severe	23
		Moderate	278
		Mild	2,362
		Not Classifiable	21
	Guard	Penetrating	2
		Severe	1
		Moderate	37
		Mild	299
		Not Classifiable	4
	Reserves	Penetrating	1
		Severe	3
		Moderate	31
		Mild	167
		Not Classifiable	3

Numbers for 2009, as of 16 May 2011

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	2009
Marines	Active	Penetrating	42
		Severe	48
		Moderate	459
		Mild	2,925
		Not Classifiable	75
	Reserves	Penetrating	2
		Severe	2
		Moderate	39
		Mild	265
		Not Classifiable	8

*Numbers for 2009, as of 16 May 2011*

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