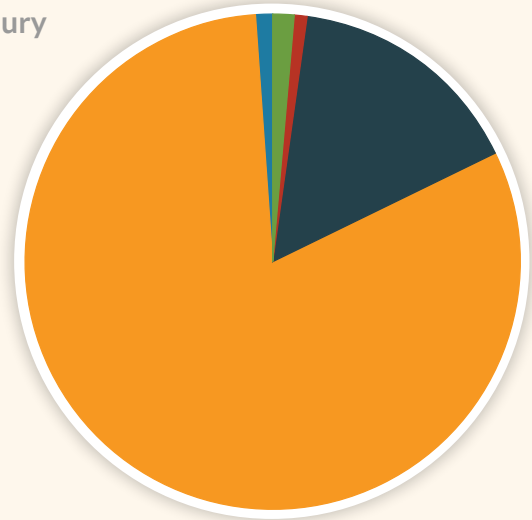
TBI Numbers By Severity – All Armed Forces

DoD Numbers for Traumatic Brain Injury

2007 Totals

Penetrating	362
Severe	205
Moderate	3,592
Mild	18,786
Not Classifiable	215
Total - All Severities	23,160



Source: Armed Forces Health Surveillance Center

Numbers for 2007, as of 20 May 2010

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.

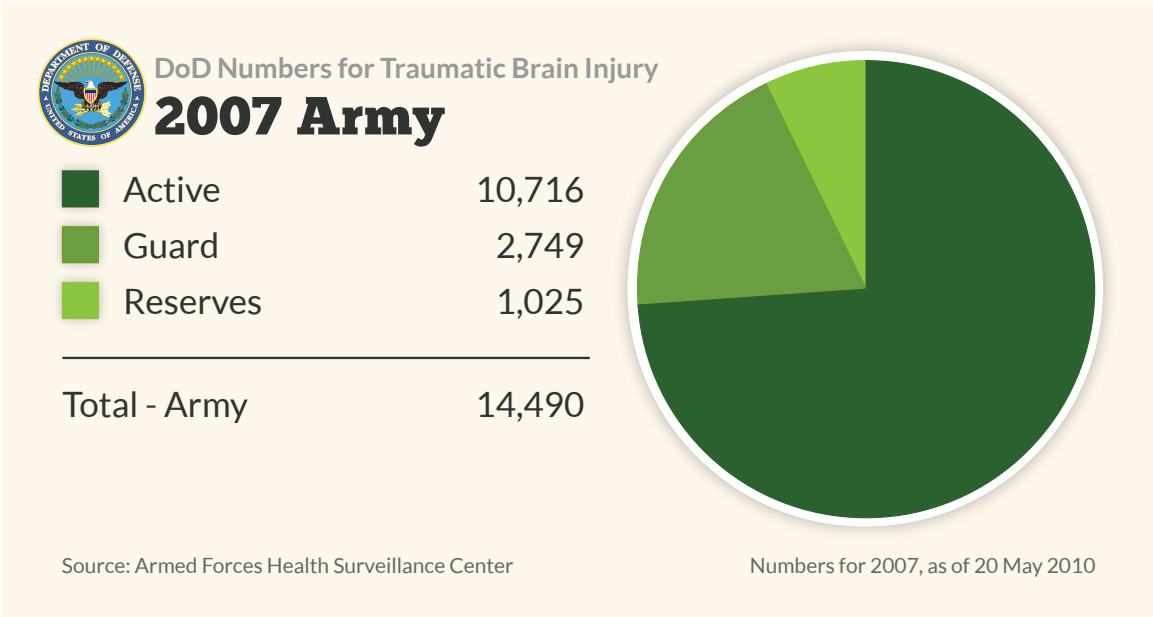
Severe TBI is characterized by the following: A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

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 2007, 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

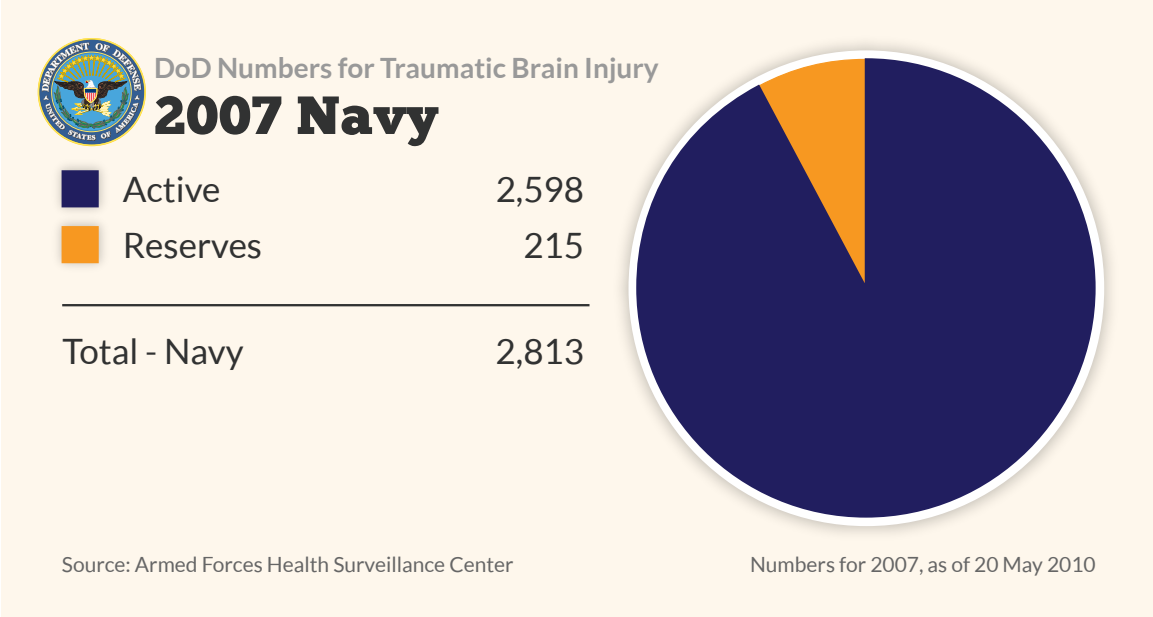


Service	Component	Severity	2007
Army	Active	Penetrating	205
		Severe	103
		Moderate	1,742
		Mild	8,502
		Not Classifiable	164
	Guard	Penetrating	29
		Severe	26
		Moderate	446
		Mild	2,237
		Not Classifiable	11
	Reserves	Penetrating	13
		Severe	4
		Moderate	173
		Mild	826
		Not Classifiable	9

Numbers for 2007, 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	2007
Navy	Active	Penetrating	37
		Severe	15
		Moderate	342
		Mild	2,184
		Not Classifiable	20
	Reserves	Penetrating	1
		Severe	1
		Moderate	28
		Mild	184
		Not Classifiable	1

Numbers for 2007, as of 20 May 2010

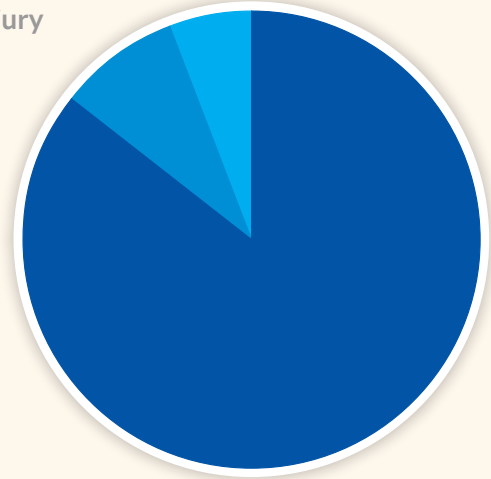
Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)
Prepared by Armed Forces Health Surveillance Center (AFHSC)

TBI Numbers By Armed Forces Branch – Air Force

DoD Numbers for Traumatic Brain Injury

2007 Air Force

Active	2,334
Guard	236
Reserves	155
Total - Air Force	2,725



Source: Armed Forces Health Surveillance Center

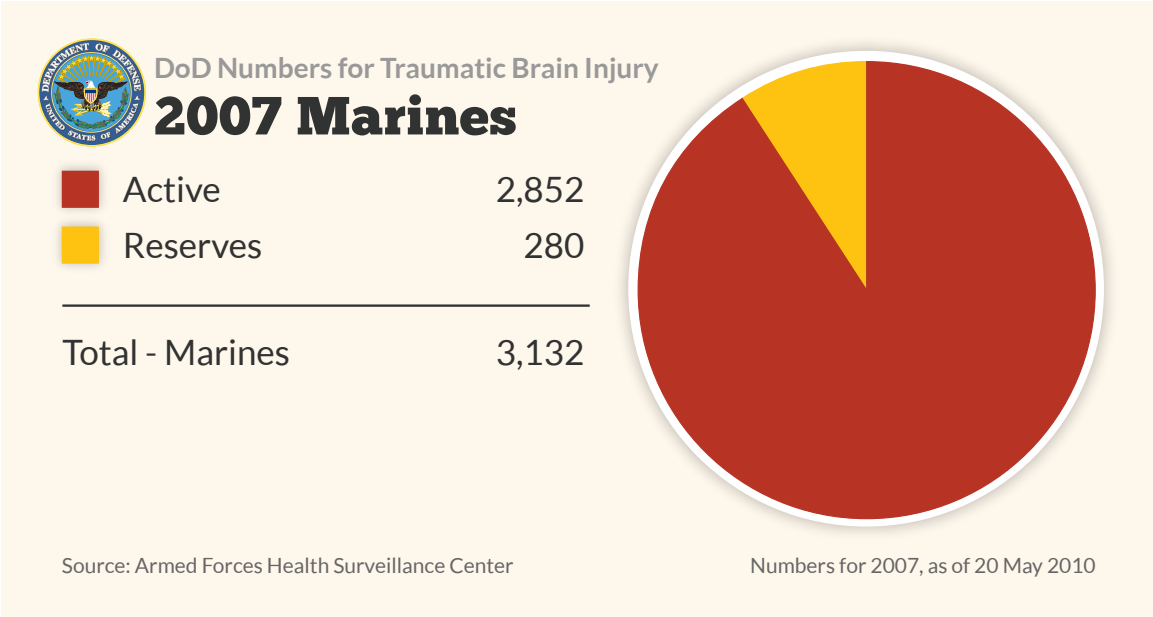
Numbers for 2007, as of 20 May 2010

Service	Component	Severity	2007
Air Force	Active	Penetrating	28
		Severe	23
		Moderate	274
		Mild	2,004
		Not Classifiable	5
	Guard	Penetrating	4
		Severe	1
		Moderate	24
		Mild	206
		Not Classifiable	1
	Reserves	Penetrating	-
		Severe	-
		Moderate	23
		Mild	132
		Not Classifiable	-

Numbers for 2007, 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	2007
Marines	Active	Penetrating	45
		Severe	32
		Moderate	498
		Mild	2,273
		Not Classifiable	4
	Reserves	Penetrating	-
		Severe	-
		Moderate	42
		Mild	238
		Not Classifiable	-

Numbers for 2007, 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)