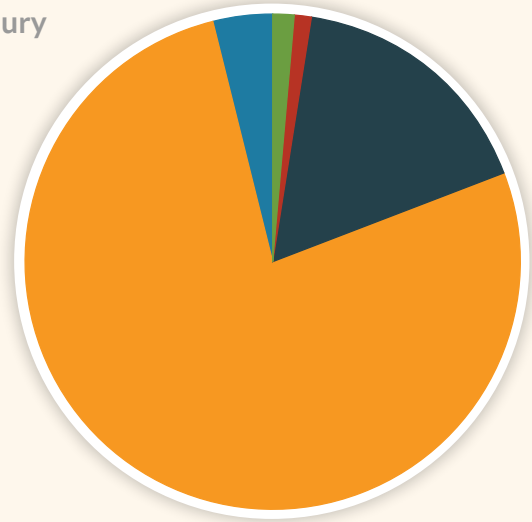
TBI Numbers By Severity – All Armed Forces

DoD Numbers for Traumatic Brain Injury

'00-'11 Q2 Totals

Penetrating	3,631
Severe	2,288
Moderate	36,752
Mild	169,209
Not Classifiable	8,550
Total - All Severities	220,430



Source: Armed Forces Health Surveillance Center

Numbers for 2000 - 2011 Q2, as of 15 Aug 2011

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.

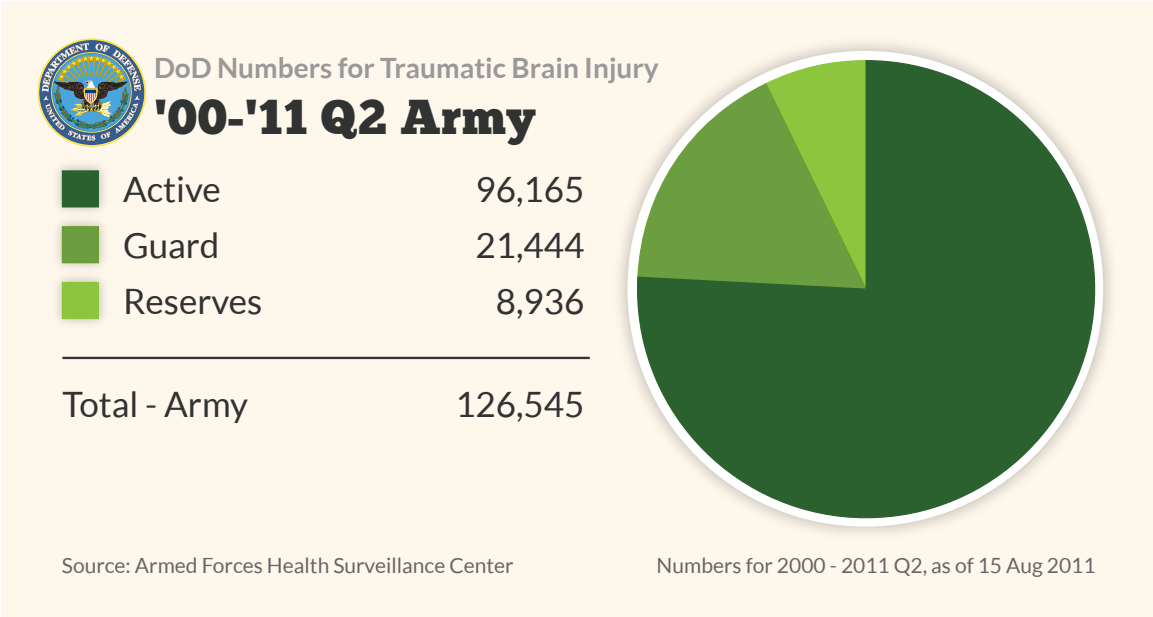
Severe TBI is characterized by the following: A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

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 - 2011 Q2, as of 15 Aug 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

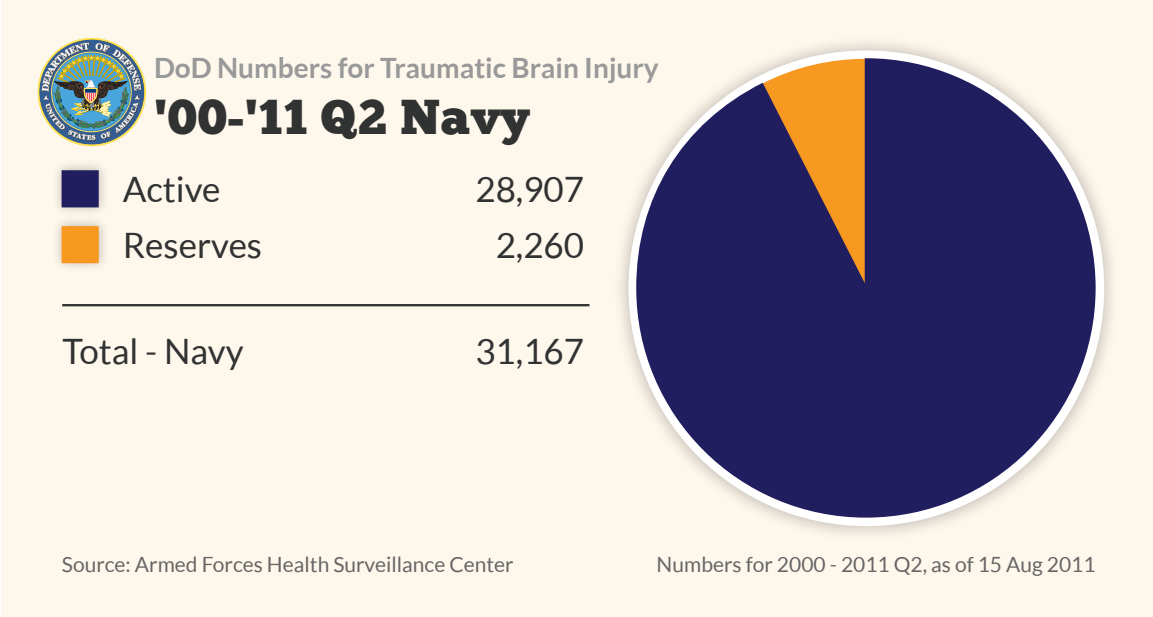


Service	Component	Severity	2000 - 2011 Q2
Army	Active	Penetrating	1,770
		Severe	1,041
		Moderate	15,169
		Mild	72,065
		Not Classifiable	6,120
	Guard	Penetrating	344
		Severe	223
		Moderate	3,484
		Mild	16,274
		Not Classifiable	1,119
	Reserves	Penetrating	118
		Severe	75
		Moderate	1,496
		Mild	6,912
		Not Classifiable	335

Numbers for 2000 - 2011 Q2, as of 15 Aug 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	2000 - 2011 Q2
Navy	Active	Penetrating	432
		Severe	288
		Moderate	5,477
		Mild	22,426
		Not Classifiable	284
	Reserves	Penetrating	32
		Severe	20
		Moderate	407
		Mild	1,787
		Not Classifiable	14

Numbers for 2000 - 2011 Q2, as of 15 Aug 2011

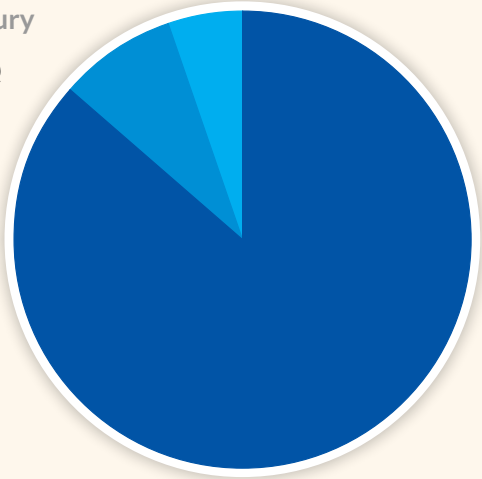
Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)
Prepared by Armed Forces Health Surveillance Center (AFHSC)

TBI Numbers By Armed Forces Branch – Air Force

DoD Numbers for Traumatic Brain Injury

'00-'11 Q2 Air Force

Active	26,648
Guard	2,550
Reserves	1,556
Total - Air Force	30,754



Source: Armed Forces Health Surveillance Center

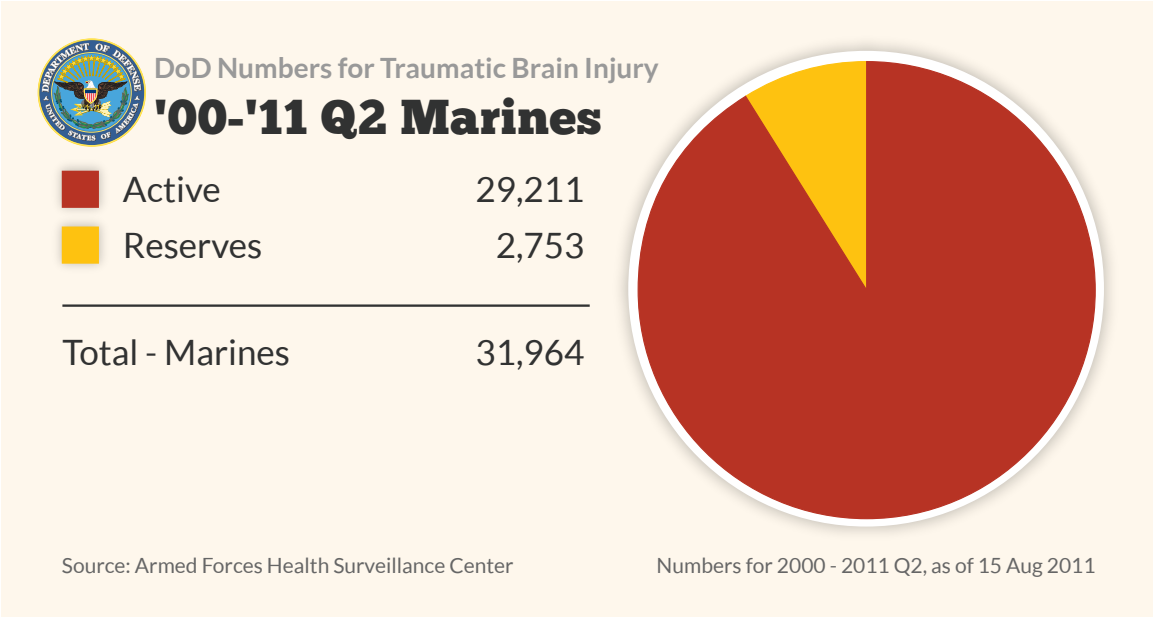
Numbers for 2000 - 2011 Q2, as of 15 Aug 2011

Service	Component	Severity	2000 - 2011 Q2
Air Force	Active	Penetrating	351
		Severe	253
		Moderate	4,090
		Mild	21,762
		Not Classifiable	192
	Guard	Penetrating	35
		Severe	17
		Moderate	375
		Mild	2,105
		Not Classifiable	18
	Reserves	Penetrating	15
		Severe	15
		Moderate	240
		Mild	1,269
		Not Classifiable	17

Numbers for 2000 - 2011 Q2, as of 15 Aug 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	2000 - 2011 Q2
Marines	Active	Penetrating	490
		Severe	333
		Moderate	5,487
		Mild	22,479
		Not Classifiable	422
	Reserves	Penetrating	44
		Severe	23
		Moderate	527
		Mild	2,130
		Not Classifiable	29

Numbers for 2000 - 2011 Q2, as of 15 Aug 2011

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