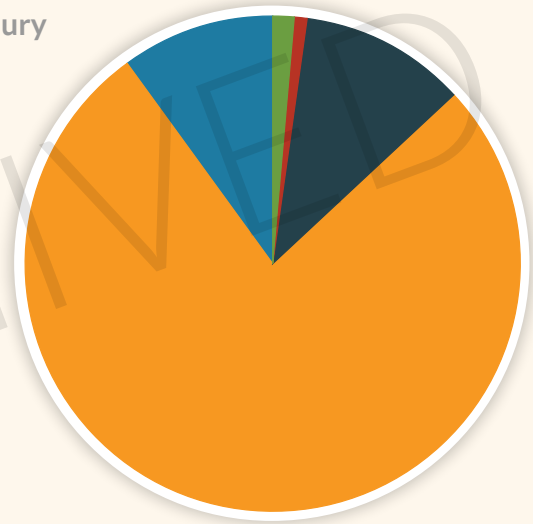
TBI Numbers By Severity – All Armed Forces

DoD Numbers for Traumatic Brain Injury

2008 Totals

Penetrating	423
Severe	226
Moderate	3,117
Mild	21,964
Not Classifiable	2,825
Total - All Severities	28,555



Source: Armed Forces Health Surveillance Center

Numbers for 2008, as of 20 May 2010

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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 2008, as of 20 May 2010

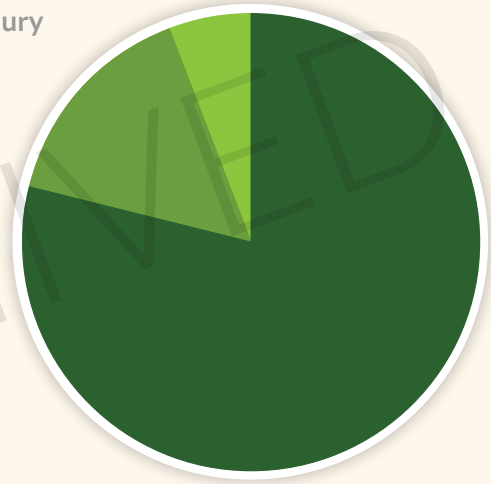
Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)
Prepared by Armed Forces Health Surveillance Center (AFHSC)

TBI Numbers By Armed Forces Branch – Army

DoD Numbers for Traumatic Brain Injury

2008 Army

Active	15,571
Guard	2,986
Reserves	1,121
Total - Army	19,678



Source: Armed Forces Health Surveillance Center

Numbers for 2008, as of 20 May 2010

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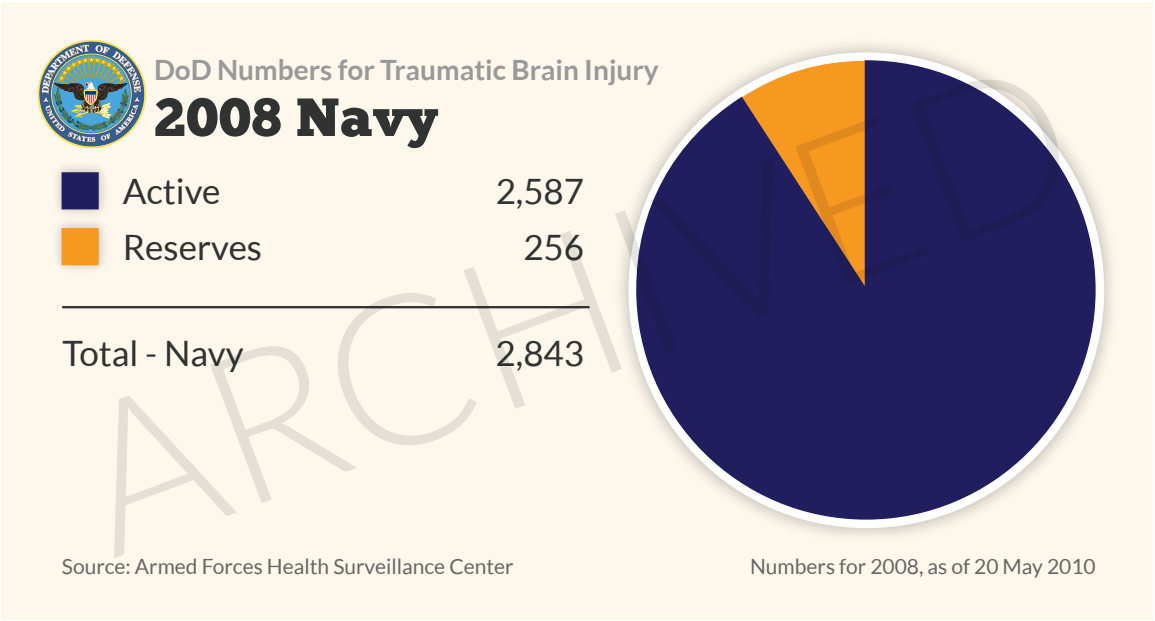
Service	Component	Severity	2008
Army	Active	Penetrating	288
		Severe	128
		Moderate	1,582
		Mild	11,175
		Not Classifiable	2,398
	Guard	Penetrating	34
		Severe	25
		Moderate	387
		Mild	2,280
		Not Classifiable	260
	Reserves	Penetrating	11
		Severe	11
		Moderate	134
		Mild	906
		Not Classifiable	59

Numbers for 2008, 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



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Service	Component	Severity	2008
Navy	Active	Penetrating	25
		Severe	17
		Moderate	288
		Mild	2,227
		Not Classifiable	30
	Reserves	Penetrating	2
		Severe	-
		Moderate	28
		Mild	223
		Not Classifiable	3

Numbers for 2008, as of 20 May 2010

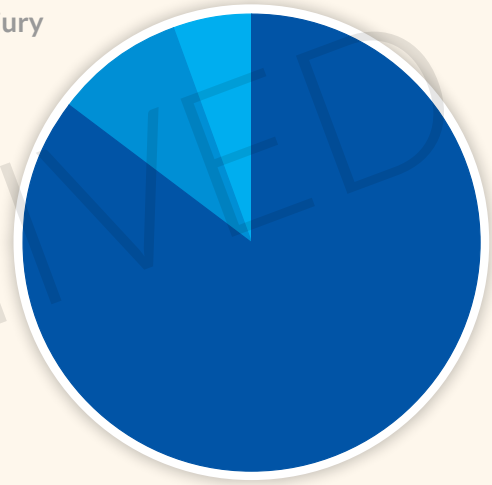
Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)
Prepared by Armed Forces Health Surveillance Center (AFHSC)

TBI Numbers By Armed Forces Branch – Air Force

DoD Numbers for Traumatic Brain Injury

2008 Air Force

Active	2,242
Guard	237
Reserves	145
Total - Air Force	2,624



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Source: Armed Forces Health Surveillance Center

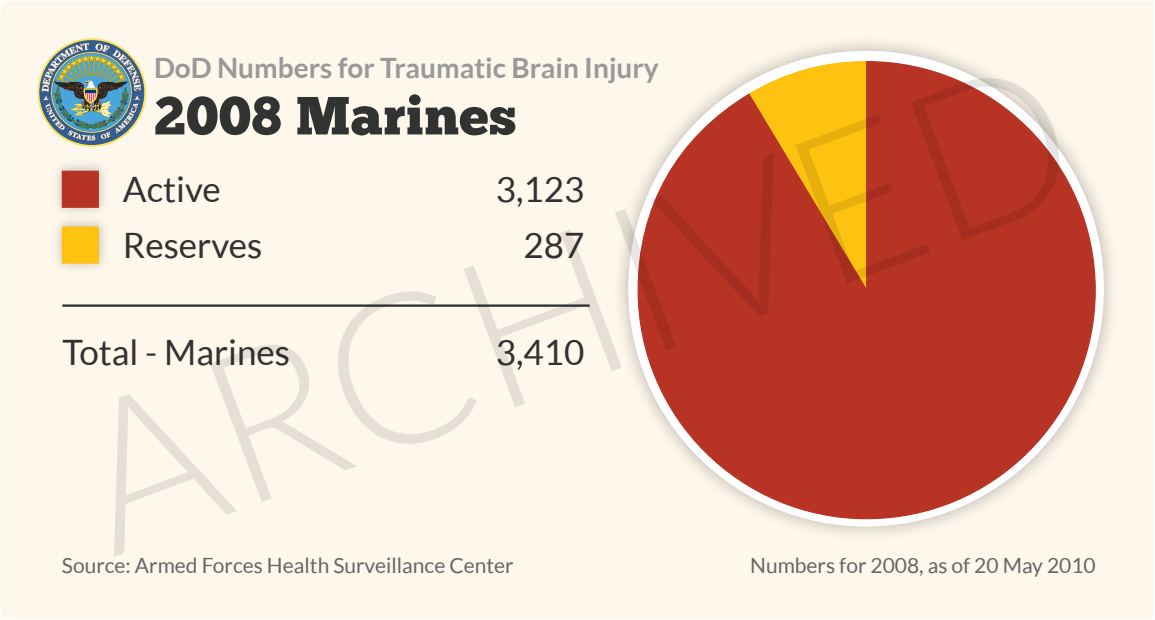
Numbers for 2008, as of 20 May 2010

Service	Component	Severity	2008
Air Force	Active	Penetrating	22
		Severe	19
		Moderate	248
		Mild	1,923
		Not Classifiable	30
	Guard	Penetrating	2
		Severe	-
		Moderate	26
		Mild	208
		Not Classifiable	1
	Reserves	Penetrating	-
		Severe	1
		Moderate	15
		Mild	126
		Not Classifiable	3

Numbers for 2008, 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



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Service	Component	Severity	2008
Marines	Active	Penetrating	36
		Severe	24
		Moderate	371
		Mild	2,658
		Not Classifiable	34
	Reserves	Penetrating	3
		Severe	1
		Moderate	38
		Mild	238
		Not Classifiable	7

Numbers for 2008, 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)