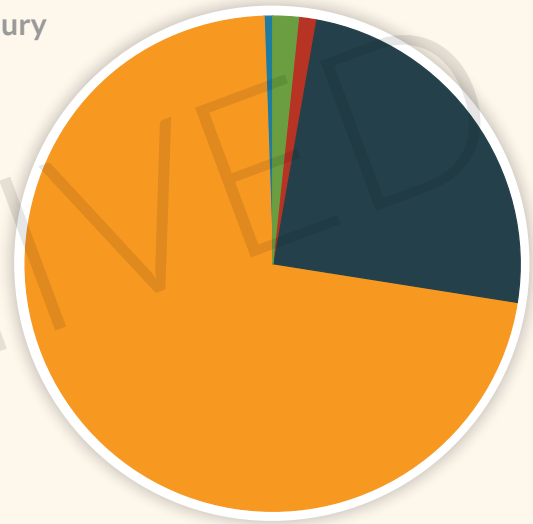
TBI Numbers By Severity – All Armed Forces

DoD Numbers for Traumatic Brain Injury

2002 Totals

Penetrating	223
Severe	149
Moderate	3,058
Mild	8,998
Not Classifiable	41
Total - All Severities	12,469



Source: Armed Forces Health Surveillance Center

Numbers for 2002, as of 7 Oct 2009

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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.

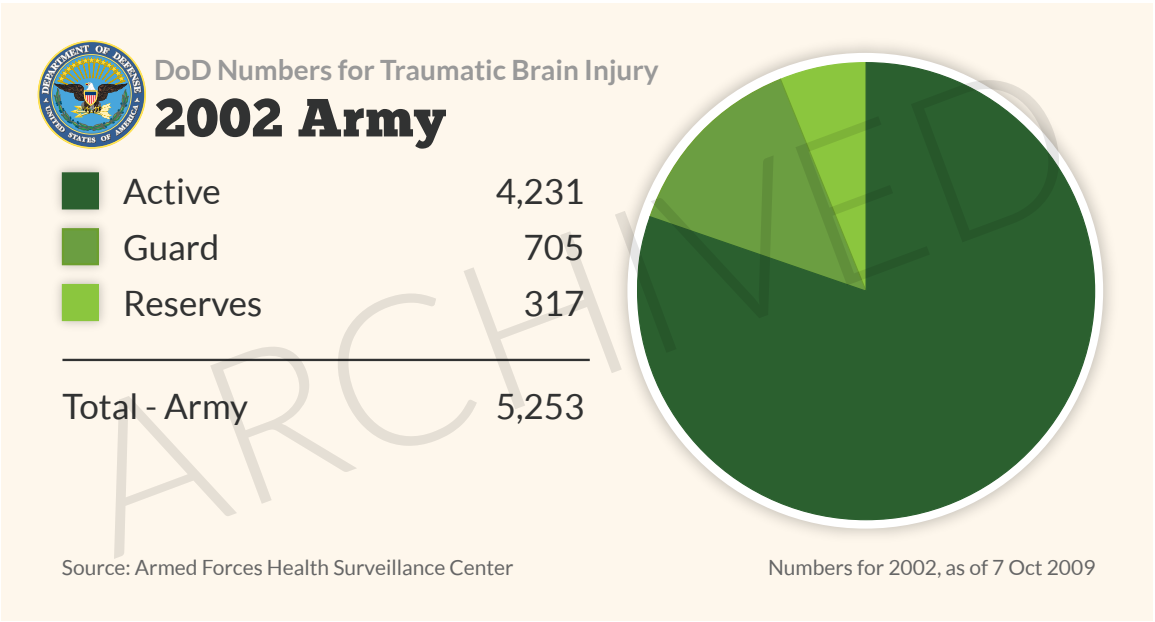
Severe TBI is characterized by the following: A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

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 2002, as of 7 October 2009

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



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Service	Component	Severity	2002
Army	Active	Penetrating	79
		Severe	49
		Moderate	1,063
		Mild	3,033
		Not Classifiable	7
	Guard	Penetrating	17
		Severe	10
		Moderate	173
		Mild	501
		Not Classifiable	4
	Reserves	Penetrating	4
		Severe	-
		Moderate	74
		Mild	237
		Not Classifiable	2

Numbers for 2002, as of 7 October 2009

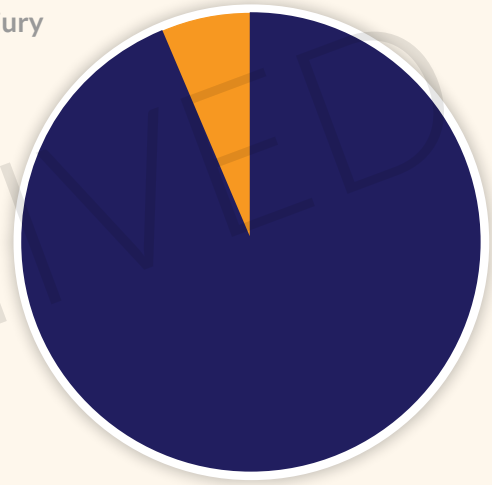
Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)
Prepared by Armed Forces Health Surveillance Center (AFHSC)

TBI Numbers By Armed Forces Branch – Navy

DoD Numbers for Traumatic Brain Injury

2002 Navy

Active	2,517
Reserves	169
Total - Navy	2,686



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Source: Armed Forces Health Surveillance Center

Numbers for 2002, as of 7 Oct 2009

Service	Component	Severity	2002
Navy	Active	Penetrating	53
		Severe	27
		Moderate	677
		Mild	1,753
		Not Classifiable	7
	Reserves	Penetrating	4
		Severe	5
		Moderate	35
		Mild	125
		Not Classifiable	-

Numbers for 2002, as of 7 October 2009

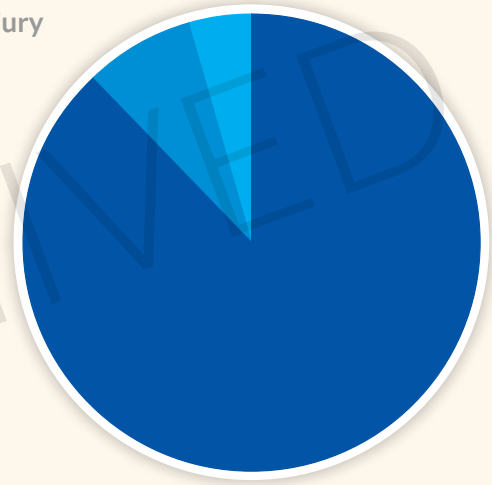
Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)
Prepared by Armed Forces Health Surveillance Center (AFHSC)

TBI Numbers By Armed Forces Branch – Air Force

DoD Numbers for Traumatic Brain Injury

2002 Air Force

Active	2,160
Guard	186
Reserves	109
Total - Air Force	2,455



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Source: Armed Forces Health Surveillance Center

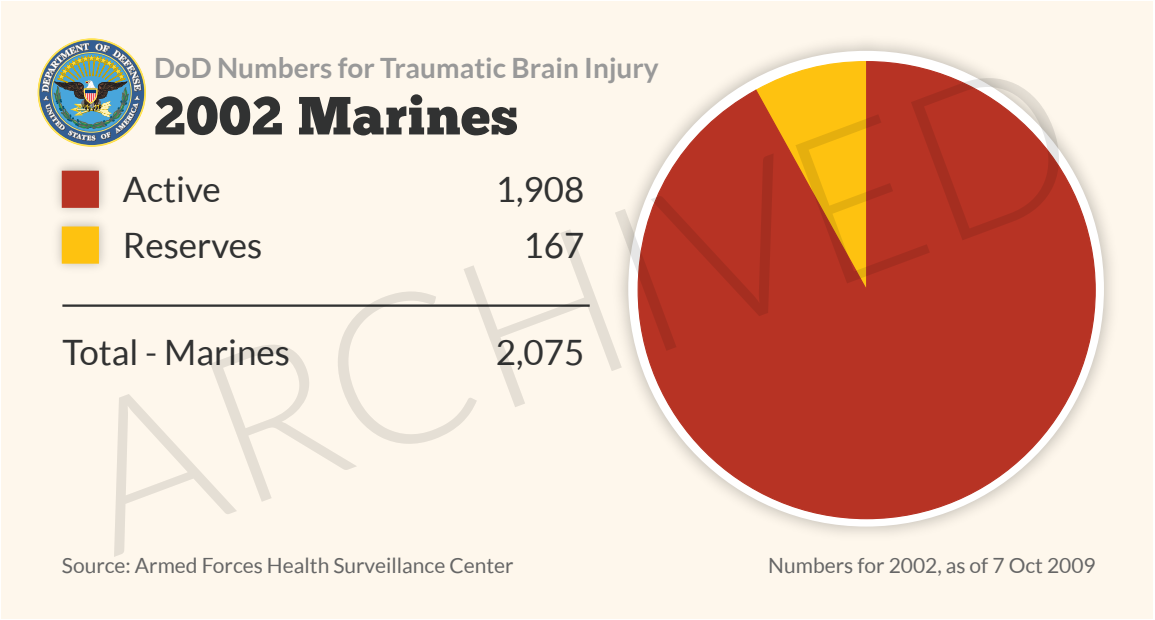
Numbers for 2002, as of 7 Oct 2009

Service	Component	Severity	2002
Air Force	Active	Penetrating	33
		Severe	23
		Moderate	425
		Mild	1,665
		Not Classifiable	14
	Guard	Penetrating	4
		Severe	1
		Moderate	41
		Mild	140
		Not Classifiable	-
	Reserves	Penetrating	2
		Severe	3
		Moderate	21
		Mild	83
		Not Classifiable	-

Numbers for 2002, as of 7 October 2009

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	2002
Marines	Active	Penetrating	24
		Severe	30
		Moderate	512
		Mild	1,335
		Not Classifiable	7
	Reserves	Penetrating	3
		Severe	1
		Moderate	37
		Mild	126
		Not Classifiable	-

Numbers for 2002, as of 7 October 2009

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