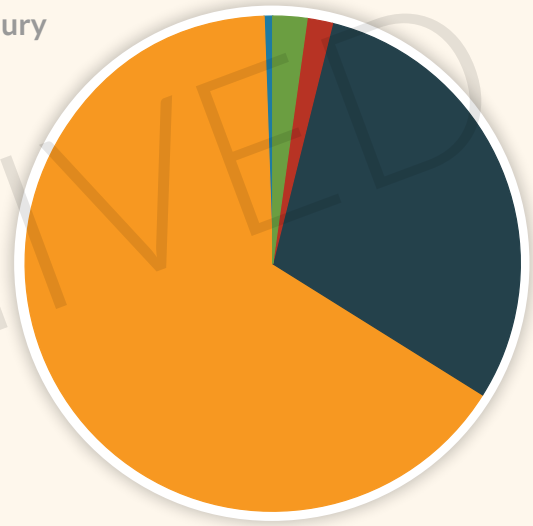
TBI Numbers By Severity – All Armed Forces

DoD Numbers for Traumatic Brain Injury

2001 Totals

Penetrating	291
Severe	186
Moderate	3,543
Mild	7,771
Not Classifiable	39
Total - All Severities	11,830



Source: Armed Forces Health Surveillance Center

Numbers for 2001, 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.

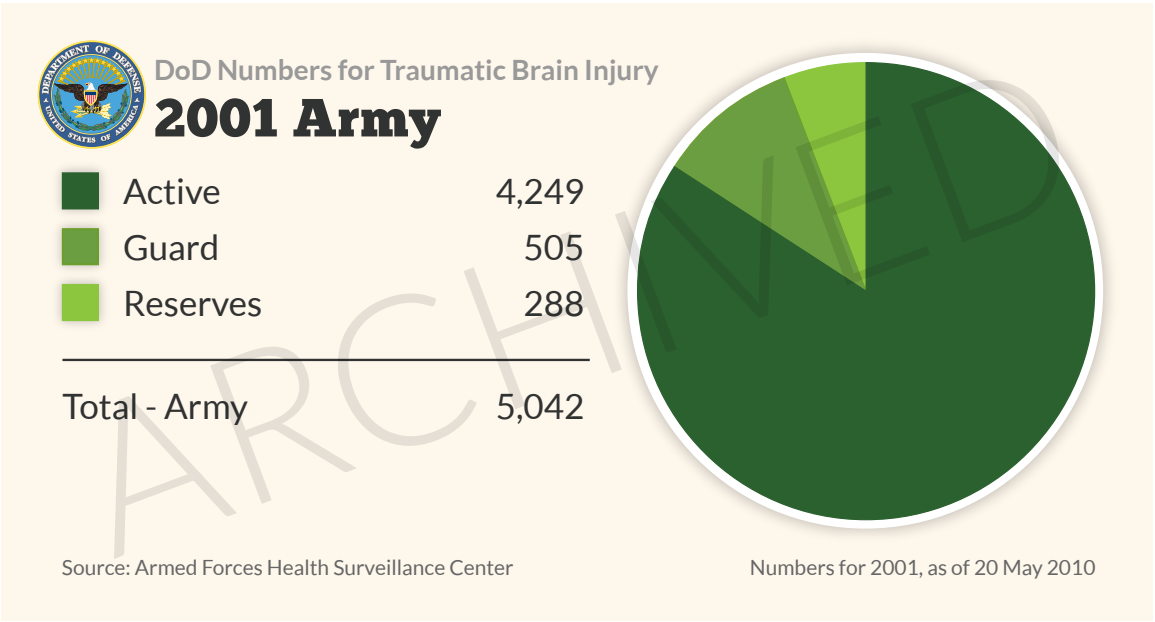
Severe TBI is characterized by the following: A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

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 2001, 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



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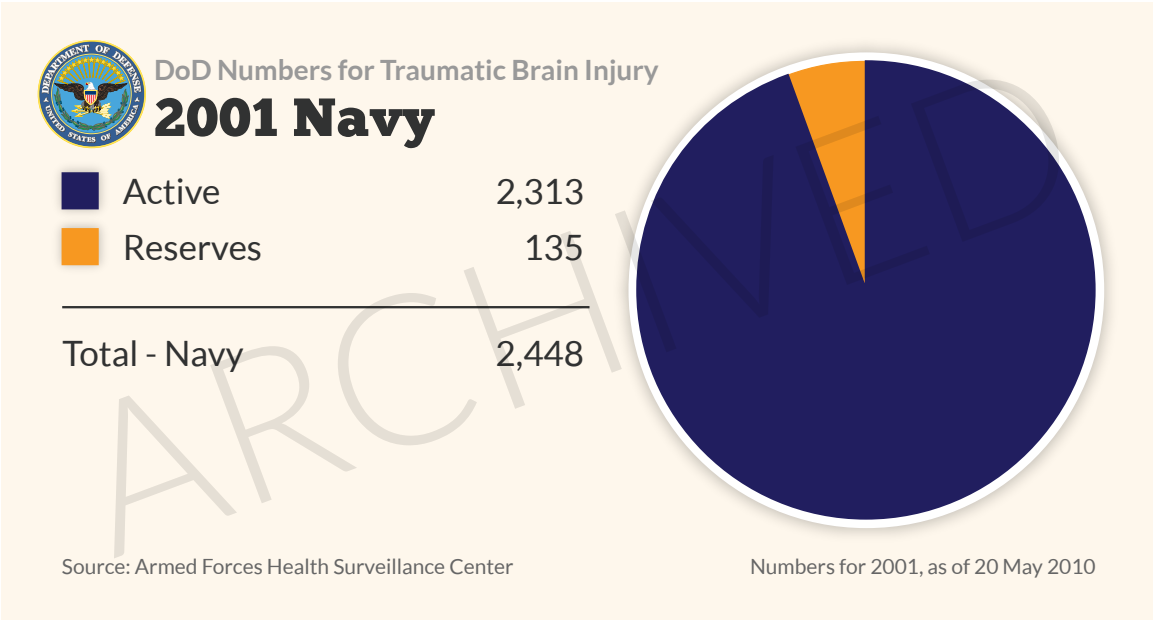
Service	Component	Severity	2001
Army	Active	Penetrating	98
		Severe	73
		Moderate	1,212
		Mild	2,847
		Not Classifiable	19
	Guard	Penetrating	11
		Severe	8
		Moderate	131
		Mild	352
		Not Classifiable	3
	Reserves	Penetrating	7
		Severe	4
		Moderate	74
		Mild	202
		Not Classifiable	1

Numbers for 2001, 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	2001
Navy	Active	Penetrating	73
		Severe	35
		Moderate	817
		Mild	1,383
		Not Classifiable	5
	Reserves	Penetrating	2
		Severe	2
		Moderate	51
		Mild	80
		Not Classifiable	-

Numbers for 2001, as of 20 May 2010

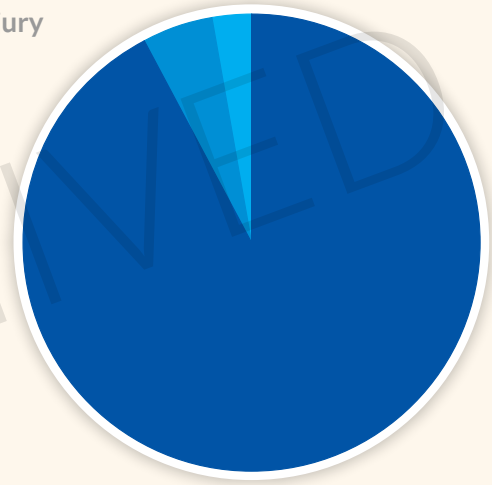
Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)
Prepared by Armed Forces Health Surveillance Center (AFHSC)

TBI Numbers By Armed Forces Branch – Air Force

DoD Numbers for Traumatic Brain Injury

2001 Air Force

Active	2,215
Guard	124
Reserves	62
Total - Air Force	2,401



Source: Armed Forces Health Surveillance Center

Numbers for 2001, as of 20 May 2010

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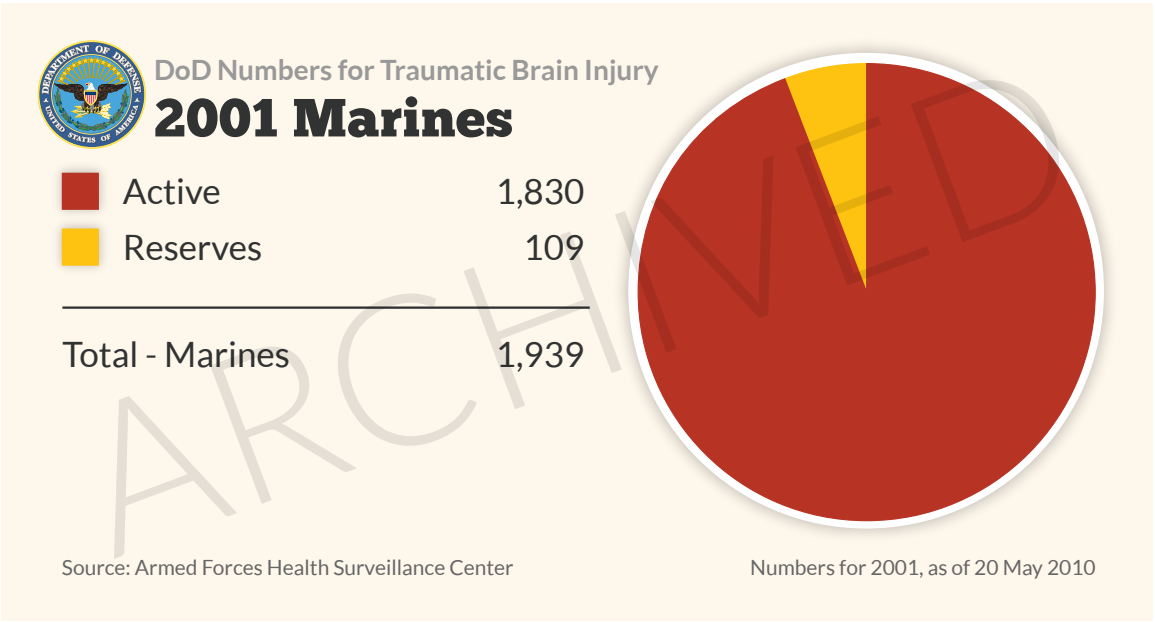
Service	Component	Severity	2001
Air Force	Active	Penetrating	47
		Severe	26
		Moderate	558
		Mild	1,580
		Not Classifiable	4
	Guard	Penetrating	3
		Severe	1
		Moderate	35
		Mild	83
		Not Classifiable	2
	Reserves	Penetrating	1
		Severe	-
		Moderate	21
		Mild	40
		Not Classifiable	-

Numbers for 2001, 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	2001
Marines	Active	Penetrating	47
		Severe	37
		Moderate	615
		Mild	1,127
		Not Classifiable	4
	Reserves	Penetrating	2
		Severe	-
		Moderate	29
		Mild	77
		Not Classifiable	1

Numbers for 2001, 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)