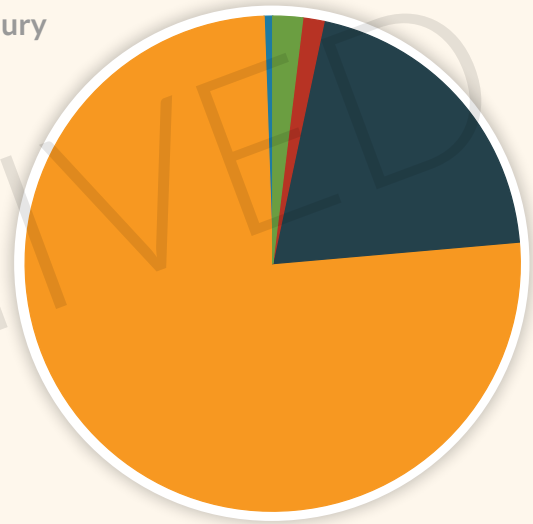
TBI Numbers By Severity – All Armed Forces

DoD Numbers for Traumatic Brain Injury

2003 Totals

Penetrating	274
Severe	170
Moderate	2,628
Mild	9,790
Not Classifiable	36
Total - All Severities	12,898



Source: Armed Forces Health Surveillance Center

Numbers for 2003, 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.

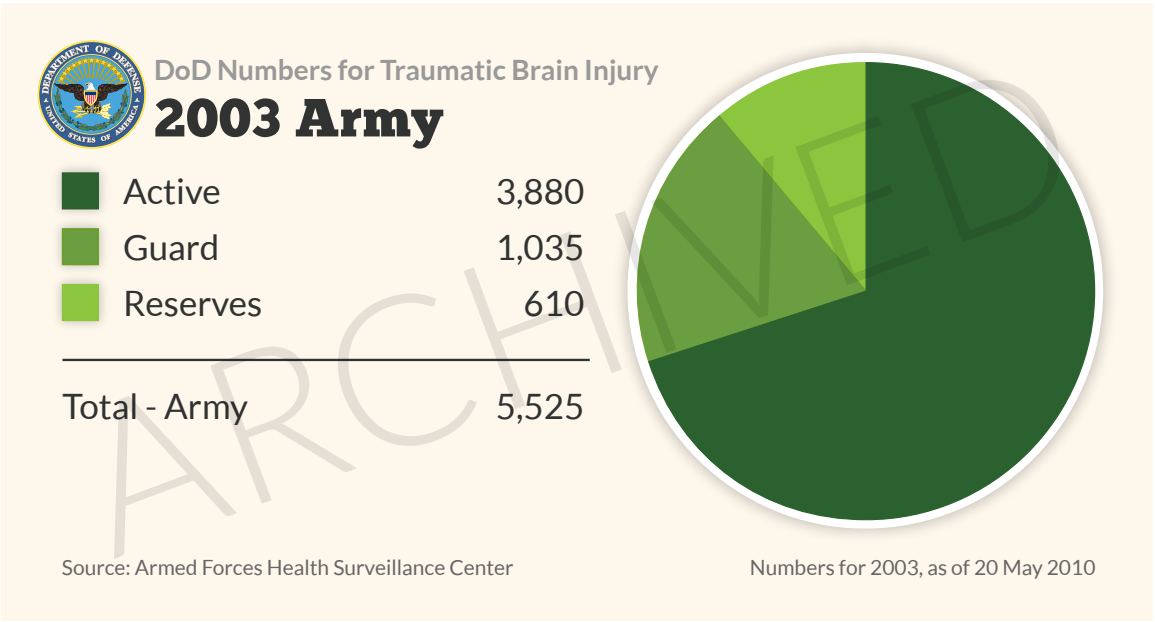
Severe TBI is characterized by the following: A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

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 2003, 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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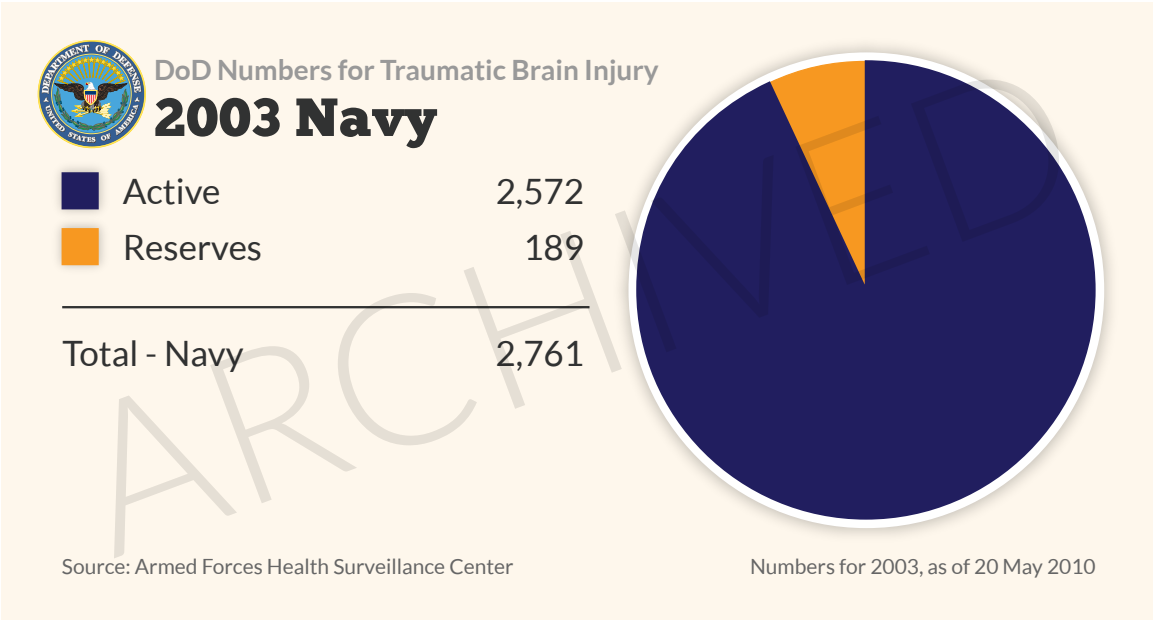
Service	Component	Severity	2003
Army	Active	Penetrating	91
		Severe	55
		Moderate	729
		Mild	2,998
		Not Classifiable	7
	Guard	Penetrating	24
		Severe	14
		Moderate	213
		Mild	779
		Not Classifiable	5
	Reserves	Penetrating	9
		Severe	3
		Moderate	144
		Mild	451
		Not Classifiable	3

Numbers for 2003, 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	2003
Navy	Active	Penetrating	51
		Severe	36
		Moderate	629
		Mild	1,846
		Not Classifiable	10
	Reserves	Penetrating	2
		Severe	1
		Moderate	50
		Mild	136
		Not Classifiable	-

Numbers for 2003, as of 20 May 2010

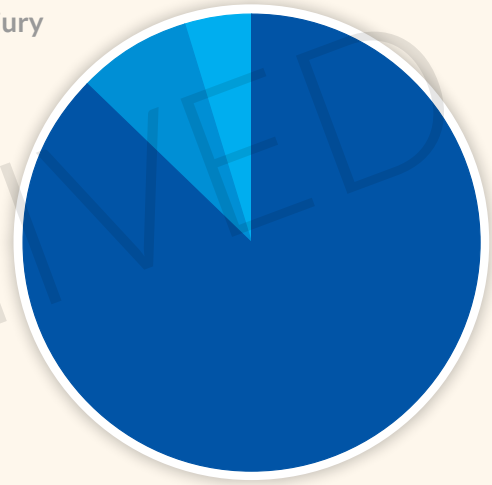
Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)
Prepared by Armed Forces Health Surveillance Center (AFHSC)

TBI Numbers By Armed Forces Branch – Air Force

DoD Numbers for Traumatic Brain Injury

2003 Air Force

Active	2,316
Guard	214
Reserves	121
Total - Air Force	2,651



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Source: Armed Forces Health Surveillance Center

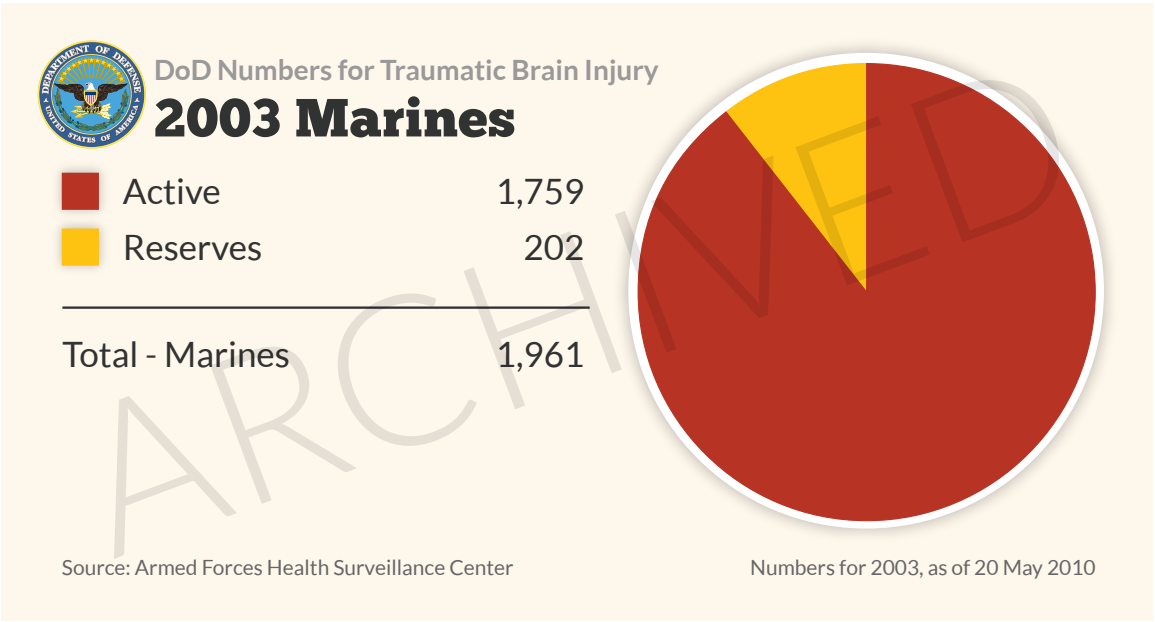
Numbers for 2003, as of 20 May 2010

Service	Component	Severity	2003
Air Force	Active	Penetrating	41
		Severe	34
		Moderate	375
		Mild	1,864
		Not Classifiable	2
	Guard	Penetrating	1
		Severe	2
		Moderate	36
		Mild	174
		Not Classifiable	1
	Reserves	Penetrating	1
		Severe	2
		Moderate	18
		Mild	99
		Not Classifiable	1

Numbers for 2003, 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	2003
Marines	Active	Penetrating	44
		Severe	19
		Moderate	385
		Mild	1,304
		Not Classifiable	7
	Reserves	Penetrating	10
		Severe	4
		Moderate	49
		Mild	139
		Not Classifiable	-

Numbers for 2003, 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)