



DoD Numbers for Traumatic Brain Injury Worldwide – Totals

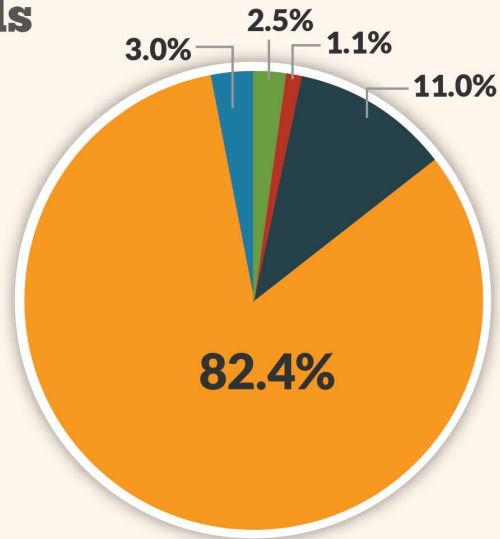
2004

Penetrating	359
Severe	163
Moderate	1,591
Mild	11,916
Not Classifiable	439

Total - All Severities 14,468

Source: Defense Medical Surveillance System (DMSS), Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)



2004, as of May 15, 2015

Worldwide numbers represent medical diagnoses of TBI that occurred anywhere U.S. forces are located including the continental United States since 2000.

Concussion/Mild TBI is characterized by the following: Confused or disoriented state which lasts less than 24 hours; or loss of consciousness for up to 30 minutes; or memory loss lasting less than 24 hours. Excludes penetrating TBI. A CT scan is not indicated for most patients with a Mild TBI. If obtained, it is normal.

Moderate TBI is characterized by the following: Confused or disoriented state which lasts more than 24 hours; or loss of consciousness for more than 30 minutes, but less than 24 hours; or memory loss lasting greater than 24 hours but less than seven days; or meets criteria for Mild TBI except an abnormal CT scan is present. Excludes penetrating TBI. A structural brain imaging study may be normal or abnormal.

Severe TBI is characterized by the following: Confused or disoriented state which lasts more than 24 hours; or loss of consciousness for more than 24 hours; or memory loss for more than seven days. Excludes penetrating TBI. A structural brain imaging study may be normal but usually is abnormal.

Penetrating TBI, or open head injury, is characterized by the following: A head injury in which the scalp, skull and dura mater (the outer layer of the meninges) are 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.

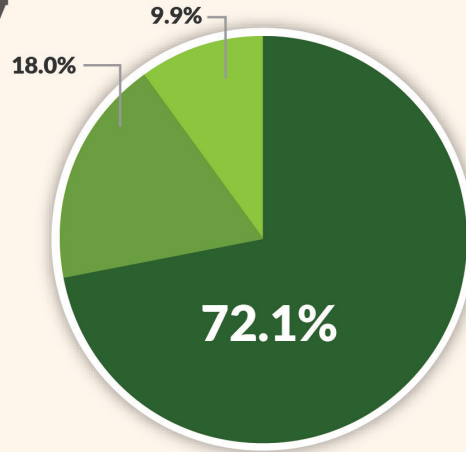


DoD Numbers for Traumatic Brain Injury Worldwide – Army

2004

Active	4,857
Guard	1,215
Reserve	669

Total - Army 6,741



Source: Defense Medical Surveillance System (DMSS), Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

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2004, as of May 15, 2015

Service	Component	Severity	Diagnosed
Army	Active	Penetrating	124
		Severe	63
		Moderate	520
		Mild	3,995
		Not Classifiable	155
	Guard	Penetrating	37
		Severe	9
		Moderate	144
		Mild	984
		Not Classifiable	41
	Reserve	Penetrating	16
		Severe	10
		Moderate	85
		Mild	536
		Not Classifiable	22

2004 as of May 15, 2015

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

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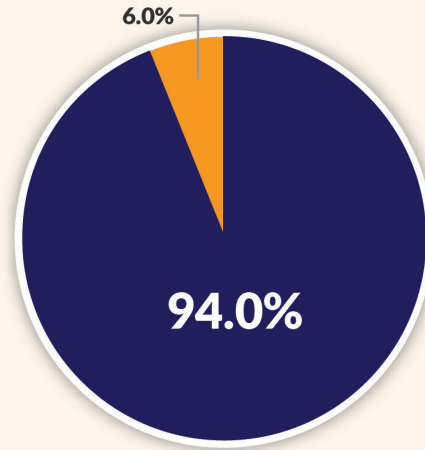


DoD Numbers for Traumatic Brain Injury Worldwide – Navy

2004

 Active	2,643
 Reserve	169

Total - Navy 2,812



Source: Defense Medical Surveillance System (DMSS), Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

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2004, as of May 15, 2015

Service	Component	Severity	Diagnosed
Navy	Active	Penetrating	55
		Severe	33
		Moderate	272
		Mild	2,215
		Not Classifiable	68
	Reserve	Penetrating	9
		Severe	2
		Moderate	24
		Mild	132
		Not Classifiable	2

2004 as of May 15, 2015

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

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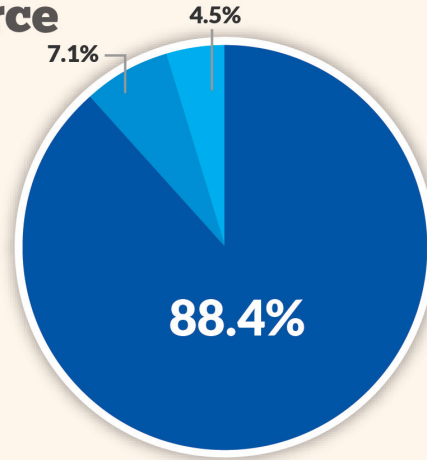


DoD Numbers for Traumatic Brain Injury Worldwide – Air Force

2004

Active	2,439
Guard	197
Reserve	123

Total - Air Force 2,759



Source: Defense Medical Surveillance System (DMSS), Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2004, as of May 15, 2015

Service	Component	Severity	Diagnosed
Air Force	Active	Penetrating	36
		Severe	21
		Moderate	230
		Mild	2,083
		Not Classifiable	69
	Guard	Penetrating	3
		Severe	3
		Moderate	13
		Mild	173
		Not Classifiable	5
	Reserve	Penetrating	3
		Severe	1
		Moderate	8
		Mild	107
		Not Classifiable	4

2004 as of May 15, 2015

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

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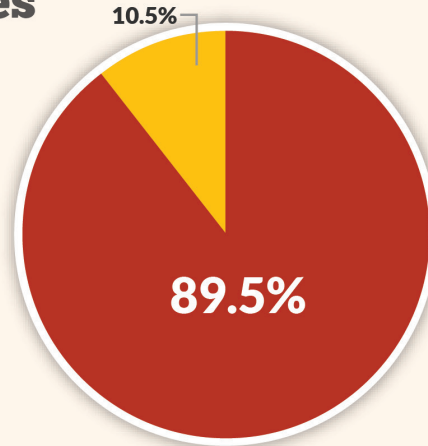


DoD Numbers for Traumatic Brain Injury Worldwide – Marines

2004

■ Active	1,929
■ Reserve	227

Total - Marines **2,156**



Source: Defense Medical Surveillance System (DMSS), Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2004, as of May 15, 2015

Service	Component	Severity	Diagnosed
Marines	Active	Penetrating	68
		Severe	20
		Moderate	263
		Mild	1,510
		Not Classifiable	68
	Reserve	Penetrating	8
		Severe	1
		Moderate	32
		Mild	181
		Not Classifiable	5

2004 as of May 15, 2015

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

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)