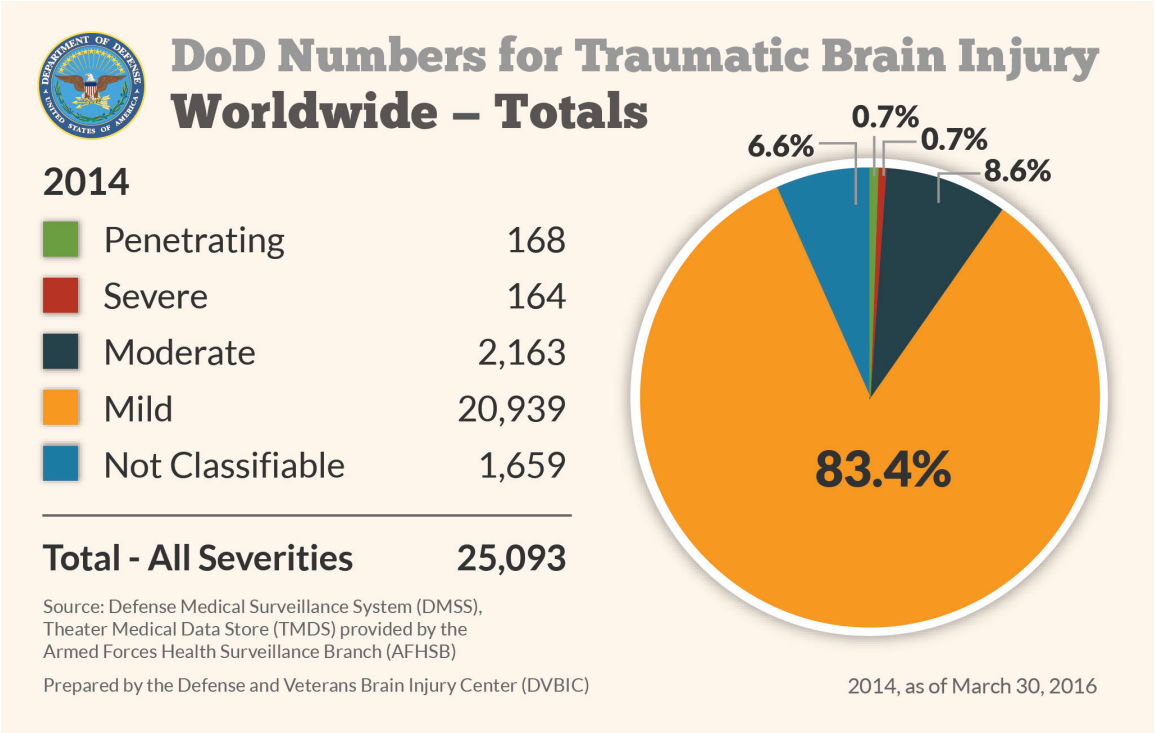


Effective October 2015, the 10th revision of the International Statistical Classification of Diseases and Related Health Problems (ICD) was implemented across the Military Health System (MHS). This implementation and the 2015 Assistant Secretary of Defense Memo on the TBI case definition allow for more moderate traumatic brain injuries to be captured. Please consult the Armed Forces Health Surveillance Branch (AFHSB) TBI case definition for additional information.

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.

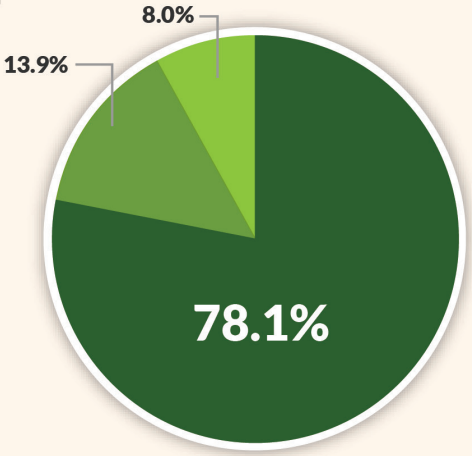
Moderate TBI is characterized by the following: Confused or disoriented state which lasts more than 24 hours; or loss of consciousness for more than 30 minutes, but less than 24 hours; or memory loss lasting greater than 24 hours but less than seven days; or meets criteria for Mild TBI except an abnormal 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.

DoD Numbers for Traumatic Brain Injury
Worldwide – Army

2014

Active	11,489
Guard	2,042
Reserve	1,181
Total - Army	**14,712**



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

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

2014, as of March 30, 2016

Service	Component	Severity	Diagnosed
Army*	Active	Penetrating	73
		Severe	74
		Moderate	1,059
		Mild	9,315
		Not Classifiable	968
	Guard	Penetrating	16
		Severe	12
		Moderate	123
		Mild	1,745
		Not Classifiable	146
	Reserve	Penetrating	3
		Severe	5
		Moderate	79
		Mild	966
		Not Classifiable	128

2014, as of March 30, 2016

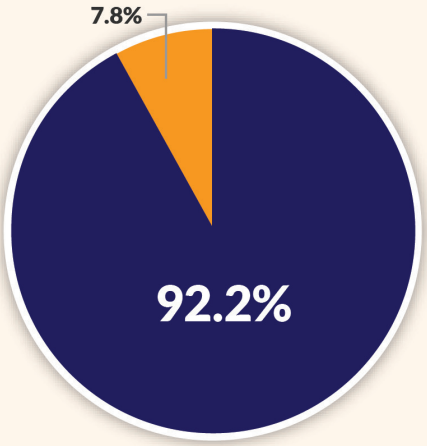
Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Branch (AFHSB)

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

DoD Numbers for Traumatic Brain Injury
Worldwide – Navy

2014

Active	3,020
Reserve	255
Total - Navy	**3,275**



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

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

2014, as of March 30, 2016

Service	Component	Severity	Diagnosed
Navy	Active	Penetrating	21
		Severe	18
		Moderate	298
		Mild	2,559
		Not Classifiable	124
	Reserve	Penetrating	2
		Severe	2
		Moderate	14
		Mild	227
		Not Classifiable	10

2014, as of March 30, 2016

Source: Defense Medical Surveillance System (DMSS) and

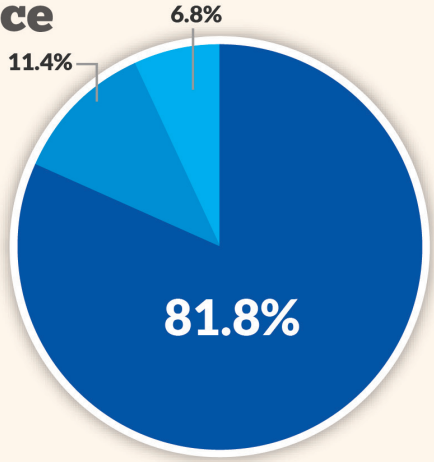
Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Branch (AFHSB)

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

DoD Numbers for Traumatic Brain Injury
Worldwide – Air Force

2014

Active	3,002
Guard	419
Reserve	250
Total - Air Force	**3,671**



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

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

2014, as of March 30, 2016

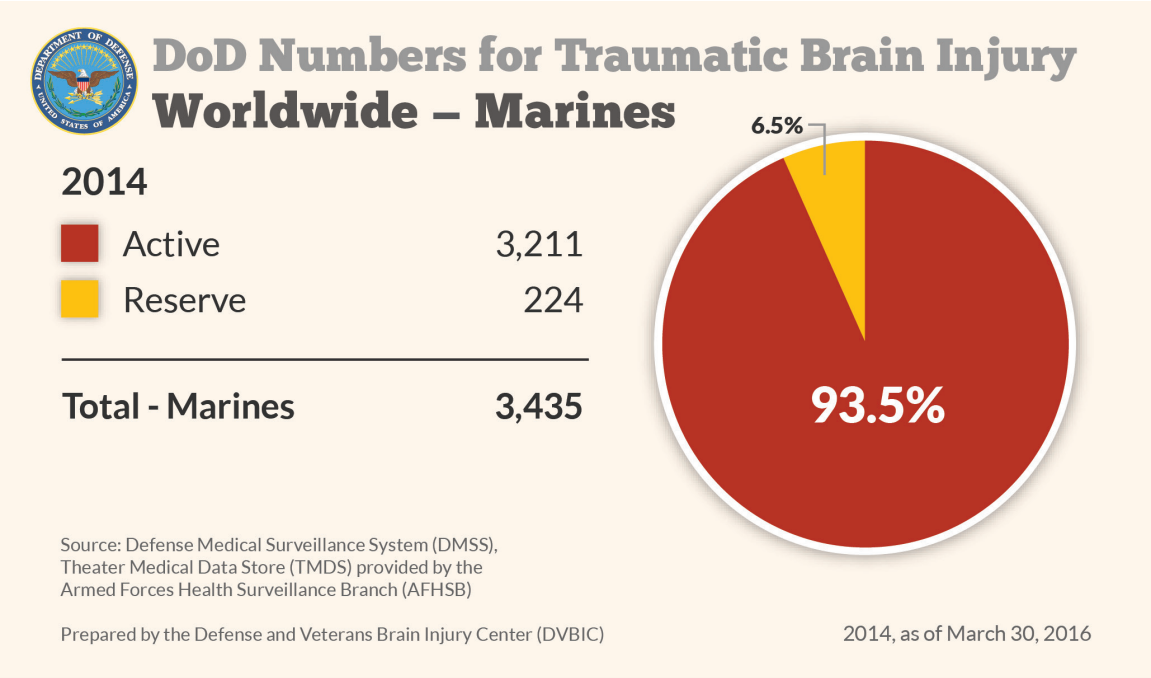
Service	Component	Severity	Diagnosed
Air Force	Active	Penetrating	24
		Severe	17
		Moderate	215
		Mild	2,650
		Not Classifiable	96
	Guard	Penetrating	1
		Severe	3
		Moderate	28
		Mild	373
		Not Classifiable	14
	Reserve	Penetrating	2
		Severe	2
		Moderate	12
		Mild	223
		Not Classifiable	11

2014, as of March 30, 2016

Source: Defense Medical Surveillance System (DMSS) and

Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Branch (AFHSB)

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



Service	Component	Severity	Diagnosed
Marines	Active	Penetrating	24
		Severe	29
		Moderate	312
		Mild	2,693
		Not Classifiable	153
	Reserve	Penetrating	2
		Severe	2
		Moderate	23
		Mild	188
		Not Classifiable	9

2014, as of March 30, 2016

Source: Defense Medical Surveillance System (DMSS) and

Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Branch (AFHSB)

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