

Leishmaniasis in Active Component, Reserve/Guard, and Other Beneficiaries from 2005-2014

	2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		TOTAL	
	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater
<b>Army</b>	166	7	101	4	53	2	60	2	62	-	86	2	39	1	32	2	15	-	14	-	628	20
Active Component	110	3	71	3	39	1	41	2	40	-	72	2	28	1	21	1	11	-	9	-	442	13
Reserve / Guard	56	4	30	1	14	1	19	-	22	-	14	-	11	-	11	1	4	-	5	-	186	7
<b>Navy</b>	12	-	3	-	2	-	8	-	7	-	3	-	2	-	2	-	2	-	2	-	43	-
Active Component	12	-	3	-	2	-	6	-	6	-	2	-	2	-	2	-	1	-	2	-	38	-
Reserve / Guard	-	-	-	-	-	-	2	-	1	-	1	-	-	-	-	-	1	-	-	-	5	-
<b>Marine Corps</b>	5	-	7	1	2	-	7	-	9	-	4	1	3	-	4	-	2	-	1	-	44	2
Active Component	3	-	4	1	2	-	6	-	5	-	4	1	3	-	4	-	2	-	1	-	34	2
Reserve / Guard	2	-	3	-	-	-	1	-	4	-	-	-	-	-	-	-	-	-	-	-	10	-
<b>Air Force</b>	17	-	4	1	4	-	10	1	4	-	7	-	3	-	4	-	-	-	7	-	60	2
Active Component	13	-	3	1	4	-	7	1	4	-	5	-	3	-	1	-	-	-	6	-	46	2
Reserve / Guard	4	-	1	-	-	-	3	-	-	-	2	-	-	-	3	-	-	-	1	-	14	-
<b>Coast Guard</b>	-	-	1	-	-	-	1	-	1	-	2	-	-	-	-	-	-	-	-	-	5	-
Active Component	-	-	1	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	4	-
Reserve / Guard	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-
<b>MHS Overall</b>	225	7	143	6	92	2	96	3	95	-	115	3	59	1	59	1	34	-	38	-	956	23
Active Component	139	3	82	5	47	1	61	3	56	-	85	3	37	1	30	1	14	-	18	-	569	17
Reserve / Guard	62	4	34	1	14	1	25	-	27	-	18	-	11	-	14	1	5	-	6	-	216	7
MHSbeneficiaries*	31	-	32	-	36	-	26	-	29	-	27	-	23	-	27	-	23	-	23	-	22	-
<b>Unknown**</b>	28	-	23	-	21	1	37	-	38	1	40	2	45	-	34	2	26	-	26	-	29	-

Case of Leishmaniasis includes ICD-9 of 085.x in any diagnostic position. Case definition includes 1 inpatient encounter, 1 reportable event, or 1 outpatient encounter to include TMDS.

Counts represent unique individuals from any data source, with a lifetime incidence rule.

'Diagnosis in theater' based on data source of first encounter with precedence given to theater data sources.

Report methodology is not able to differentiate Reportable Events that are acquired or diagnosed in theater.

\*Includes MHS dependents, and retirees

\*\* No information on FMP, Service or Component and may include civilians, contractors and foreign nationals. Does not factor into MHS total #'s

Leishmaniasis by Category in Active/Reserve/Guard Components from 2005-2014

	2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		TOTAL	
	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater
<b>Visceral</b>	6	-	-	-	1	-	-	-	1	-	3	-	1	-	-	-	-	-	-	-	12	-
Army	3	-	-	-	1	-	-	-	1	-	2	-	1	-	-	-	-	-	-	-	8	-
Navy	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Marine Corps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Air Force	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	3	-
Coast Guard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mucocutaneous</b>	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	3	-
Army	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-
Navy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marine Corps	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-
Air Force	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coast Guard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Cutaneous</b>	108	2	47	1	17	-	25	-	20	-	31	-	7	-	7	-	1	-	6	-	269	3
Army	99	2	42	1	16	-	20	-	16	-	26	-	7	-	4	-	-	-	3	-	233	3
Navy	4	-	1	-	-	-	3	-	-	-	-	-	-	-	-	-	1	-	1	-	10	-
Marine Corps	-	-	1	-	-	-	-	-	3	-	1	-	-	-	2	-	-	-	-	-	7	-
Air Force	5	-	3	-	1	-	2	-	1	-	3	-	-	-	1	-	-	-	2	-	18	-
Coast Guard	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-
<b>Unspecified</b>	79	5	64	5	38	2	45	3	46	-	54	3	27	1	25	1	10	-	9	-	397	20
Army	61	5	54	3	33	2	33	2	36	-	48	2	22	1	22	1	7	-	5	-	321	16
Navy	4	-	2	-	1	-	3	-	3	-	2	-	1	-	1	-	1	-	1	-	19	-
Marine Corps	5	-	6	1	2	-	5	-	4	-	3	1	2	-	-	-	2	-	-	-	29	2
Air Force	9	-	1	1	2	-	3	1	3	-	1	-	2	-	2	-	-	-	3	-	26	2
Coast Guard	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
<b>Total</b>	<b>194</b>	<b>7</b>	<b>111</b>	<b>6</b>	<b>56</b>	<b>2</b>	<b>70</b>	<b>3</b>	<b>67</b>	<b>-</b>	<b>88</b>	<b>3</b>	<b>36</b>	<b>1</b>	<b>32</b>	<b>1</b>	<b>11</b>	<b>-</b>	<b>16</b>	<b>-</b>	<b>681</b>	<b>23</b>

Case of Leishmaniasis includes ICD-9 of 085.x in any diagnostic position. Case definition includes 1 inpatient encounter, 1 reportable event, or 1 outpatient encounters to include TMDS.

Counts represent unique individuals from any data source, with a lifetime incidence rule.

'Diagnosis in theater' based on data source of first encounter with precedence given to theater data sources.

Because of unreliability in ICD-9 coding practices, leishmaniasis cases are group by clinical presentations/categories (e.g. visceral, cutaneous, mucocutaneous, unknown).

Leishmaniasis categories are defined as: Visceral (085.0), Mucocutaneous (085.5), Cutaneous (085.1 - 085.4), and Unspecified (085.9), and are prioritized in this order if more than one code is present in the database.

Leishmaniasis by Category and COCOM in Active/Reserve/Guard Components from 2005-2014

	2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		TOTAL	
	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater
<b>Visceral</b>	6	-	-	-	1	-	-	-	1	-	3	-	1	-	-	-	-	-	-	-	12	-
AFRICOM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CENTCOM	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
SOUTHCOM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER/UNKNOWN	6	-	-	-	1	-	-	-	-	-	3	-	1	-	-	-	-	-	-	-	11	-
<b>Mucocutaneous</b>	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	3
AFRICOM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CENTCOM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHCOM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER/UNKNOWN	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	3
<b>Cutaneous</b>	108	2	47	1	17	-	25	-	20	-	31	-	7	-	7	-	1	-	6	-	269	3
AFRICOM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CENTCOM	36	1	17	1	8	-	5	-	15	-	13	-	-	-	-	-	-	-	1	-	95	2
SOUTHCOM	1	-	-	-	2	-	3	-	-	-	-	-	-	-	1	-	-	-	-	-	7	-
OTHER/UNKNOWN	71	1	30	-	7	-	17	-	5	-	18	-	7	-	6	-	1	-	5	-	167	1
<b>Unspecified</b>	79	5	64	5	38	2	45	3	46	-	54	3	27	1	25	1	10	-	9	-	397	20
AFRICOM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CENTCOM	4	4	6	5	3	2	7	2	13	-	20	2	4	1	9	1	-	-	1	-	67	17
SOUTHCOM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER/UNKNOWN	75	1	58	-	35	-	38	1	33	-	34	1	23	-	16	-	10	-	8	-	330	3
<b>Total</b>	194	7	111	6	56	2	70	3	67	-	88	3	36	1	32	1	11	-	16	-	681	23

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Data Source: Defense Medical Surveillance System (DMSS), Theater Medical Data Store (TMDS) and TRANSCOM Regulating and Command & Control Evacuation ((TRAC<sup>2</sup>ES) ) as of 14MAY2015

Prepared by Armed Forces Health Surveillance Center, as of 14 May 2015

Leishmaniasis by COCOM and Category in Active/Reserve/Guard Components from 2005-2014

	2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		TOTAL	
	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater
<b>AFRICOM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Visceral	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mucocutaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cutaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>CENTCOM</b>	40	5	23	6	11	2	12	2	29	-	33	2	4	1	9	1	-	-	2	-	163	19
Visceral	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Mucocutaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cutaneous	36	1	17	1	8	-	5	-	15	-	13	-	-	-	-	-	-	-	1	-	95	2
Unspecified	4	4	6	5	3	2	7	2	13	-	20	2	4	1	9	1	-	-	1	-	67	17
<b>SOUTHCOM</b>	1	-	-	-	2	-	3	-	-	-	-	-	-	-	1	-	-	-	-	-	7	-
Visceral	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mucocutaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cutaneous	1	-	-	-	2	-	3	-	-	-	-	-	-	-	1	-	-	-	-	-	7	-
Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>OTHER/UNKNOWN</b>	153	2	88	-	43	-	55	1	38	-	55	1	32	-	22	-	11	-	14	-	511	4
Visceral	6	-	-	-	1	-	-	-	-	-	3	-	1	-	-	-	-	-	-	-	11	-
Mucocutaneous	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	3	-
Cutaneous	71	1	30	-	7	-	17	-	5	-	18	-	7	-	6	-	1	-	5	-	167	1
Unspecified	75	1	58	-	35	-	38	1	33	-	34	1	23	-	16	-	10	-	8	-	330	3
<b>Total</b>	194	7	111	6	56	2	70	3	67	-	88	3	36	1	32	1	11	-	16	-	681	23

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Leishmaniasis by Deployed Operation in Active/Reserve/Guard Components from 2005-2014

	2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		TOTAL		
	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	Total Count	DX in theater	
<b>Visceral</b>	6	-	-	-	1	-	-	-	1	-	3	-	1	-	-	-	-	-	-	-	12	-	
OIF	4	-	-	-	1	-	-	-	1	-	3	-	1	-	-	-	-	-	-	-	10	-	
OEF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER/UNKNOWN	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
<b>Mucocutaneous</b>	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	3	-
OIF	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
OEF	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	2	-
OND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER/UNKNOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Cutaneous</b>	108	2	47	1	17	-	25	-	19	-	31	-	7	-	7	-	1	-	6	-	268	3	
OIF	83	-	34	1	11	-	14	-	14	-	14	-	1	-	3	-	-	-	2	-	176	1	
OEF	8	2	6	-	2	-	7	-	4	-	13	-	5	-	3	-	-	-	3	-	51	2	
OND	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	
OTHER/UNKNOWN	17	-	7	-	4	-	4	-	1	-	4	-	-	-	1	-	1	-	1	-	40	-	
<b>Unspecified</b>	79	5	64	5	38	2	45	3	46	-	54	3	27	1	25	1	10	-	9	-	397	20	
OIF	63	3	55	4	28	-	27	1	33	-	29	1	7	-	2	-	3	-	1	-	248	9	
OEF	5	1	4	1	8	2	11	2	9	-	23	2	13	-	17	1	3	-	4	-	97	9	
OND	-	-	-	-	-	-	-	-	-	-	-	-	4	1	4	-	2	-	1	-	11	1	
OTHER/UNKNOWN	11	1	5	-	2	-	7	-	4	-	2	-	3	-	2	-	2	-	3	-	41	1	
<b>Total</b>	194	7	111	6	56	2	70	3	66	-	88	3	36	1	32	1	11	-	16	-	680	23	

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Deployment files are queried to determine theater of acquisition and are defined as: Operation Iraqi Freedom (OIF), Operation Enduring Freedom (OEF), Operation New Dawn (OND), and Other/Unknown.

Data Source: Defense Medical Surveillance System (DMSS), Theater Medical Data Store (TMDS) and TRANSCOM Regulating and Command & Control Evacuation ((TRAC<sup>2</sup>ES) as of 14MAY2015

Prepared by Armed Forces Health Surveillance Center, as of 14 May 2015