# Leishmaniasis country profile — 2015 (Published Apr. 2018)

# Pakistan



# **COUNTRY GENERAL INFORMATION (WHO, 2015)**

Total population:	188,925,000
Gender F /M (%):	47.2 / 52.9
Population, age group <15/ ≥15 years (%):	34 / 66
Life expectancy at birth (F/M, years) (2015):	68 / 66
GDP (PPP int \$):	4,790
Income status:	Lower middle
Number of 2 <sup>nd</sup> sub-national administrative level divisions, name:	149, District

EPIDEMIOLOGY	VL	CL <sup>a,b</sup>	PKDL	MCL
Endemicity status:	Endemic	Endemic	Non endemic	Non endemic
Number of new cases (incidence):	No data	No data	N/A	N/A
Number of relapses <sup>1</sup> :	No data	No data	N/A	N/A
Total number of cases:	0	16,648	N/A	N/A
Imported cases (#, %):	No data	No data	N/A	N/A
Gender distribution (% F):	No data	No data	N/A	N/A
Age group distribution (%, < 5/5-14/>14):	No data	No data	N/A	N/A
Incidence rate (cases/10,000 population in endemic areas):	No data	0.33	N/A	N/A
Number of endemic 2 <sup>nd</sup> sub-national administrative level divisions:	No data	No data	N/A	N/A
Population at risk <sup>2</sup> (%, # at risk/total population):	No data	No data	N/A	N/A
Was there any outbreak?	No data	No data	N/A	N/A
Number of new <sup>3</sup> foci:	No data	No data	N/A	N/A

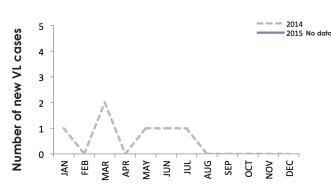
N/A = Not applicable; <sup>1</sup> Relapse in this country is defined as: No definition available; <sup>2</sup> Defined as "Number of people living in 2<sup>nd</sup> sub-national administrative level endemic areas"; <sup>3</sup> Defined as "In this reporting period, an area at the 2<sup>nd</sup> sub-national administrative level reporting cases for the first time ever"; <sup>a</sup> In Pakistan, both ACL (anthroponotic cutaneous leishmaniasis) and ZCL (zoonotic cutaneous leishmaniasis) are endemic but information was only available as aggregated "cutaneous leishmaniasis"; <sup>b</sup> only partial data available for 2015 (from Khyber Pakhtunkhwa and FATA provinces).

#### Monthly distribution of new cases (January-December)

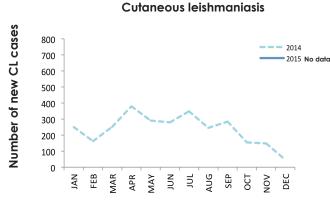
2015	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
VL	No data											
CL	No data											
VL = visceral leishmaniasis; CL = cutaneous leishmaniasis; PKDL= post-kala-azar dermal leishmaniasis; MCL = mucocutaneous leishmaniasis												

Number of new CL cases

#### Visceral leishmaniasis

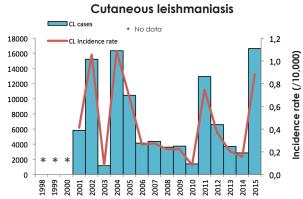


Visceral leishmaniasis



# Incidence rate/10,000 (at the national level) and number of new cases from 1998 to 2015

Number of new VL cases VL cases 16 0,002 VL Incidence rate Incidence rate (/10,000) 14 \* No data 12 10 0,001 8 6 4 2 0 0,000 1998 2000 2001 2002 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2003



### Disease distribution of new VL and CL cases

No data under national level

# **CONTROL AND SURVEILLANCE**

Year Leishmaniasis National Control Programme (LNCP) was established:	Not available
Type of surveillance:	Other
Is there a vector control programme?	No
Type of insecticide used for Indoor residual Spraying (IRS):	Deltamethrin
Year latest national guidelines:	2002
Is leishmaniasis notifiable (mandatory report)?	No
Is there a reservoir host control programme?	No
Number of leishmaniasis health facilities:	Not available

DIAGNOSIS	VL	CL	PKDL	MCL
Number of people screened actively for:	No data	No data	N/A	N/A
Number of people screened passively for:	No data	No data	N/A	N/A
Cases diagnosed by RDT (%, # RDT+/ total VL cases):	No data	N/A	N/A	N/A
Proportion of positive RDT (%, # RDT+/total RDT):	No data	N/A	N/A	N/A
Cases diagnosed by direct exam* (parasitology) (%, # slides + / total cases):	No data	No data	N/A	N/A
Proportion of positive slides (%, # slides + / total slides):	No data	No data	N/A	N/A
Cases diagnosed clinically (%, # clinical cases/ total cases):	No data	No data	N/A	N/A
Proportion of CL cases with lesions equal to or greater than 4 cm:	N/A	No data	N/A	N/A
Proportion of CL cases with 4 or more lesions (%, # CL cases/ total CL cases):	N/A	No data	N/A	N/A
Percentage of cases with HIV coinfection:	No data	N/A	N/A	N/A

N/A = Not applicable; RDT = rapid diagnostic test; HIV = human immunodeficiency virus

## **TREATMENT AND MEDICINES**

Is treatment provided for free in the public sector? No

Antileishmanial medicines included in the National Medicine List: None

TREATMENT OUTCOME	VL	CL
Proportion of cases treated (%, # treated cases/ total cases):	No data	No data
Initial cure rate(%, # cases initially cured /total cases):	No data	No data
Failure rate4 (%, # patients with treatment failure /total cases):	No data	No data
Case fatality rate (%, # patients who died/ total cases):	No data	No data

VL = visceral leishmaniasis; CL = cutaneous leishmaniasis; PKDL= post-kala-azar dermal leishmaniasis; MCL = mucocutaneous leishmaniasis <sup>4</sup> Failure in this country is defined as: No definition available



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