Leishmaniasis Country Profile Generator

User Manual

The Leishmaniasis Country Profile Generator, from now LCPG, retrieves country data from several sources for a specific year and puts it in an HTML country profile format ready to print in PDF.

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1. Changelog

Version	Date	Changes
0.39	2020.03.26	Disclaimer adapted to show WHO/UCN/NTD
0.38	2020.03.18	WHO Basemap is now available for maps. Facility layer map removed. Google maps enabled. New button “Recreate all legends” for cases when legends get lost.
0.37	2020.03.13	New link to Google Doc guides on the Help section
0.36	2020.03.12	Feature: New tab to generate another CP Bugfix: maps are now replaced instead of added when regenerating a CP Bugfix: maps related API calls logic refactored: some calls were being executed twice. Manual tab changed name to Help and help message is now included there.
0.35	2020.03.11	Feature: A new error box appears if one or more API calls failed. Bugfix: API calls logic refactored: some calls were being executed twice.
0.34	2020.03.09	Bugfix: Monthly tables shows now “No Data” instead of undefined when no values found. Bugfix: Monthly LineCharts are now appearing even when there is missing data.
0.33	2020.03.04	Bugfix on placing values in the right place when getting indicator values. Bugfix on Population value transformation from thousands to integer. Some User Manual error corrections.
0.32	2020.01.17	Indicator scanner[1]: Indicators shows now N/A if any of the dataelements in which those indicators are based on, are not requested to the countries through a form.
0.31	2020.01.14	Subnational levels are now disabled if there are no orgUnits for that level
0.30	2020.01.09	Zoom in and out buttons added to maps. Buttons disappear when printing. Chart titles aligned with 2015 CPs. Bugfix: Legend and map update buttons are now grayed out when no legend or map selected.
0.29	2019.12.20	Provisional texts in red are now underlined Bugfix: text editor didn't work always editing text attributes. When no data in denominators, the result is now “No data” instead of “-“.
0.28	2019.12.19	Bugfix: screen passive is showing now “No data” or the value, instead 0 or undefined. Workaround: cases are retrieved now from DE value, due to DHIS2 blanks indicator issue. XXX_POP_AT_RISK_I indicators adapted. Bugfix on several data and indicator retrieval order.
0.27	2019.12.18	Bugfix: maps only generate national and last selected level now (instead of all levels).
0.26	2019.12.17	direct exam and positive slides sections replaced by indicators Four indicators NTD_LSH_XXX_EPI_NEW_UNS_I names and codes changed to IA_XXX_EPI_NewUnsp_INT
0.25	2019.12.16	Treatment outcome. Initial cure rate, failure and fatality changed by indicators
0.24	2019.12.06	Chart logic code improved. Chart order changed: VL – CL – AZCL Bugfix: charts were not correctly stacked. Bugfix: undefined text under diagnostic tables. Bugfix: PKDL cases were showing VL cases.

[1] *The* Indicator Scanner *module scans dependencies of indicators and writes N/A if one of the dependencies is not linked to the country through a dataset or program. Some Treatment Outcome indicators formulas are built as the addition of dataElements from the Simple AND the Detailed form. So, since only one (simple or detailed) form is assigned to one country, one of the dataElements will be always not connected to the country, making the* Indicator Scanner *think some of the information have never been asked to the country. To solve this incompatible approach, all the dataElements referenced in these multi-dataset indicators must be assigned both to the simple and the detailed version of the dataset, regardless the dataElement is shown in the form or not.*

		Bugfix: CGI section. Male gender was taking Female value. Bugfix: CGI section. Age group population was not correctly rounded.
0.23	2019.11.19	Charts aligned. Charts size and font size reduced to adjust to two pages.
0.22	2019.11.18	Title on yearly incidence and new cases charts
0.21	2019.11.08	Introduction about N/A and No data added to 3.2 “Country profile” chapter. Total population and Population at risk description improved. (B1, C10, D5). Bugfix: new cases and incidence chart. Gap between years and data fixed.
0.20	2019.11.07	*Gender* and *Population age group* data is now retrieved from UN_WPP_POP indicators. *Life expectancy at birth* is now retrieved from GHO, not WB.
0.19	2019.11.05	All texts reviewed and adapted to 2015 CP texts. *Country General Information* and *Control and Surveillance* sections show now in one column. Printing the CP chapter of the manual updated Long numbers are now converted to locale format (e.g. 1,203,103 instead 1203103) *Life expectancy at birth* and *GDP* values are now rounded to the nearest integer. *(comments updated in this manual)*
0.18	2019.11.04	Country names are now shortNames Incidence rates indicators updated Bugfix: *Control & Surveillance* and *Treatment and medicines* sections were being only filled with VL data. antiCache added for PDF manual
0.17	2019.11.04	New chart configuration section Version and date now available on loading page Bugfix: User was not able to select first map or legend in the map configuration section.
0.16	2019.11.01	Bugfix: App crashed when trying to retrieve footnotes from countries not having children.

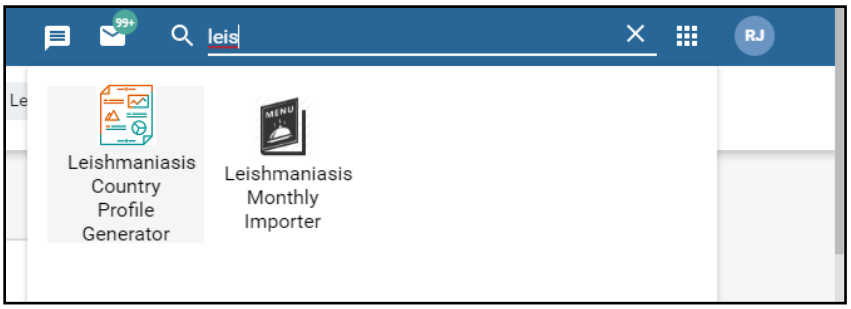
2. Metadata and permissions requirements

LCPG and the user using it need metadata (and eventually) data read access to the following metadata:

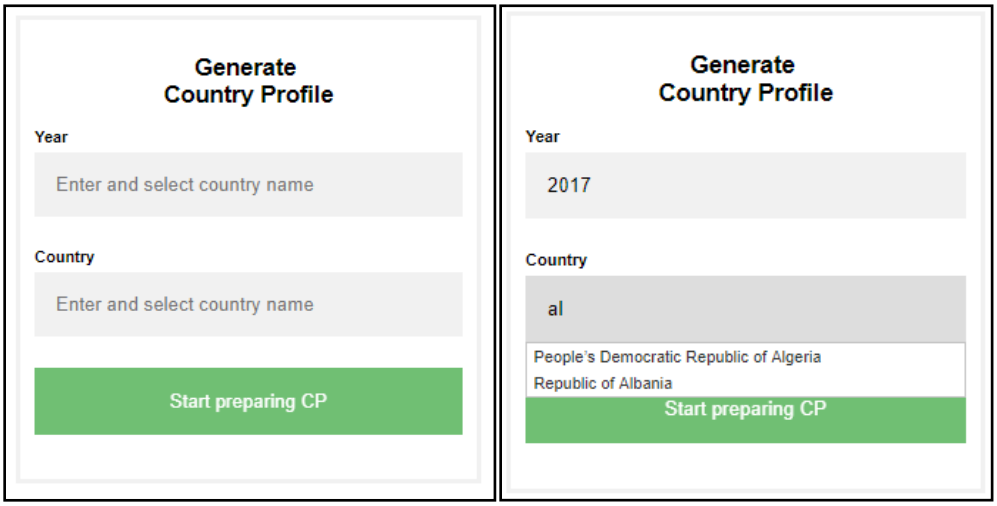
Type	ID	Name	Comments
program	w9hSFsNr3Vh	CL_cases_by provenance	
program	NVUlJzIakuO	Footnotes for Report Generator RG_	Needs to be assigned to the country
program	Jd8gnEIt8uT	Leishmaniasis endemicity	Needs to be assigned to the country
program	i5JSf4ffFl2	VL_cases_by provenance	
dataSet	Uc3j0vpsfSB	Cutaneous Leishmaniasis - ACL/ZCL - Detailed aggregated - Annual	
dataSet	Sn0dExPzQqW	Cutaneous Leishmaniasis - ACL/ZCL - Simple aggregated - Annual	
dataSet	tnek2LjfuIm	Cutaneous Leishmaniasis - Detailed aggregated - Annual	*Must include DE from Simple `CL_ITxO_Outcome_Type`
dataSet	zna8KfLMXn4	Cutaneous Leishmaniasis - Simple aggregated - Annual	*Must include DE from Detailed `CL_ITxO_Tx-drug`
dataSet	NKWbkXyfO5F	General information	Needs to be assigned to the country
dataSet	p0NhuIUoeST	GHO indicators for NTDs	Needs to be assigned to the country
dataSet	fdBM4sWSuPR	Visceral Leishmaniasis - Detailed aggregated - Annual	*Must include DE from Simple `VL_ITxO_Outcome_Type`
dataSet	SHw2zOysJ1R	Visceral Leishmaniasis - Simple aggregated - Annual	*Must include DE from Detailed `VL_INIT_ITxO_Drug_Type`
sqlViews	mejiVo59hWs	categoryOptionCombos in DS	
sqlViews	oQdIVqkVlxC	data elements in dataSet	
sqlViews	IrawAndH02Y	data elements used in program	
legendSet	clwSlrqvmMx	ACL Incidence	
legendSet	TnU2O8YxH51	CL Incidence	
legendSet	gUOjExXros1	VL Incidence	
legendSet	TbrqpLWzLS8	ZCL Incidence	
indicatorGroup	nozEoB0uRq9	NTD_Leish_CP_INC_charts_IG	The IGs themselves are not needed, only their indicators.
indicatorGroup	VvTNYst2QCW	NTD_Leish_CP_maps_IG	
indicatorGroup	KUdeVRtIK45	NTD_Leish_CP_popAtRisk_IG	
indicatorGroup	Wp7ZgcxoAwM	IG_LSH_EPI_NewUnsp_INT	
indicatorGroup	U7lM5cGzV9q	IG_LSH_CP_diagnosis	
indicatorGroup	OxgkCeNyVVm	NTD_LSH_TREAT_completed_IG	
indicatorGroup	jLukoqAXKxK	NTD_Leish_CP_tx_outcome	
indicatorGroup	jCYF44Wq3r7	NTD_LSH_SCREEN_passive_IG	
indicatorGroup	VbB8TCGqmH5	UN_WPP	

3. Generating a country profile

Look for the app called “Leishmaniasis Country Profile Generator” in the apps bar of the WIDP instance.

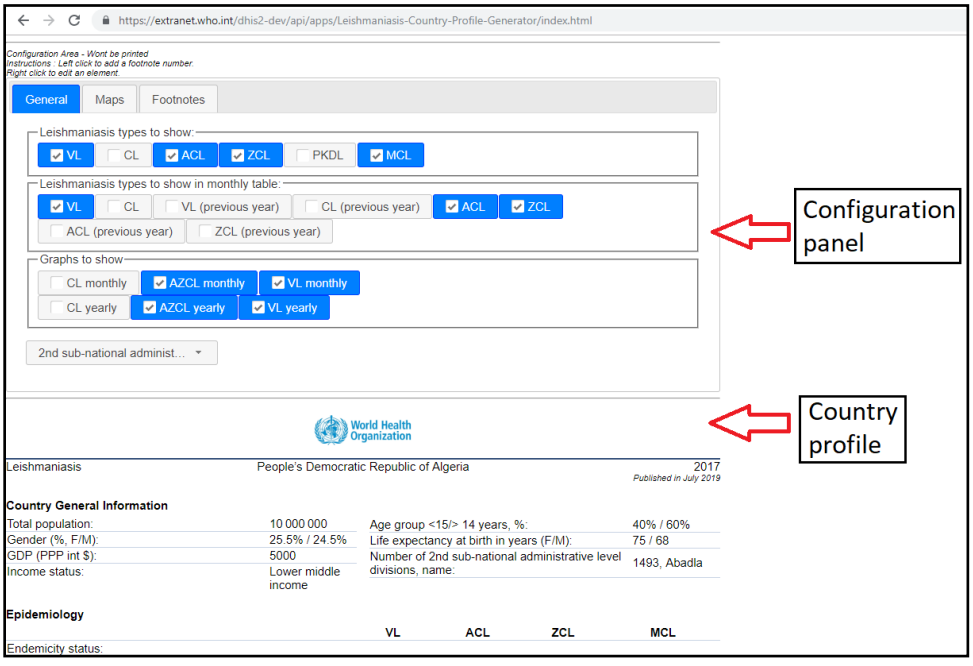


A form box like the following will appear



Start typing a year and a country. Once it starts appearing in the list, select it. This selection is needed, otherwise, the system won’t take in account the text you typed.

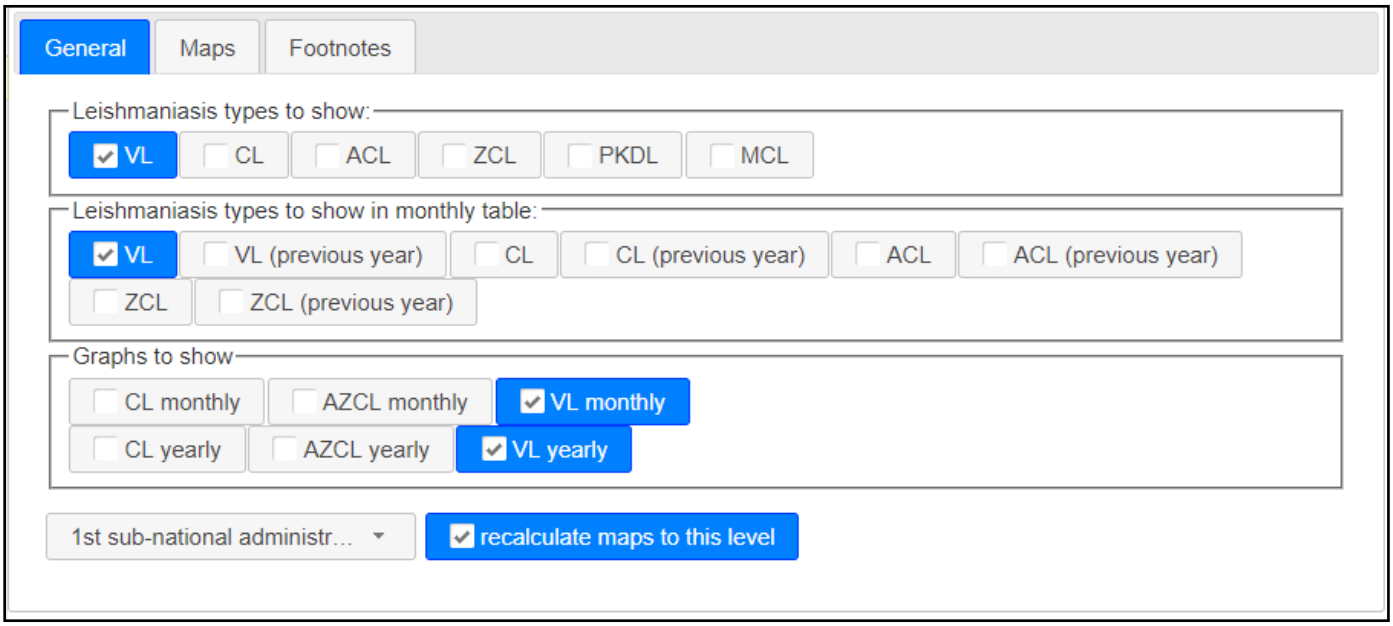
The LCPG has two main sections: The configuration panel and the country profile itself.



3.1. Configuration panel

In this panel you can configure which elements are showing in the CP and how. It has three tabs: General, to manage which types of the disease will appear in the tables, the graphs and the subnational level taken in account; maps to configure maps, legends and “notas bene”; and Footnotes, to manage which footnotes will appear in the CP.

3.1.1. General



Leishmaniasis types to show are checked if, at least, one leishmaniasis dataset of this type (VL, CL or ACL/ZCL) is assigned to the country. PKDL and MCL are unchecked by default.

The behavior is the same in the monthly table checkboxes except for previous years, whose checkboxes are by default unchecked.

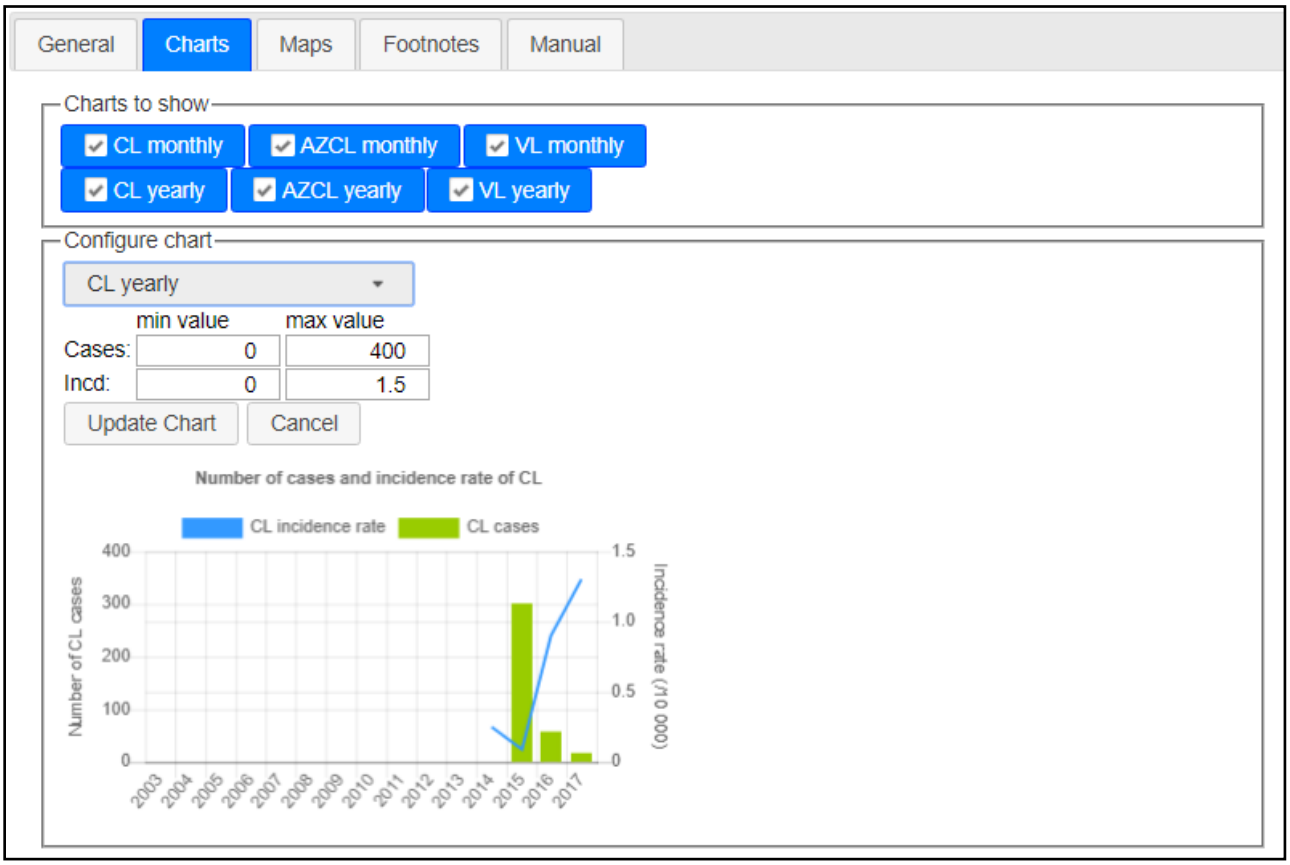
The graphs checkboxes follow also the same logic.

The subnational level dropdown menu is set, by default, to the first subnational level. Changing it to 2nd or 3rd subnational level will update:

- The “Number of endemic X sub-national…” row text-and-value in the Country General Information section.
- The “Number of endemic X sub-national…” row text-and-value in the Epidemiology section.
- All the maps if the “recalculate maps to this level” checkbox is checked.

Some subnational levels may be disabled. That means there are no organisationUnits for that level.

3.1.2. Charts



The active chart checkboxes are checked by default. Check or uncheck a checkbox to, respectively, make a chart appear or disappear.

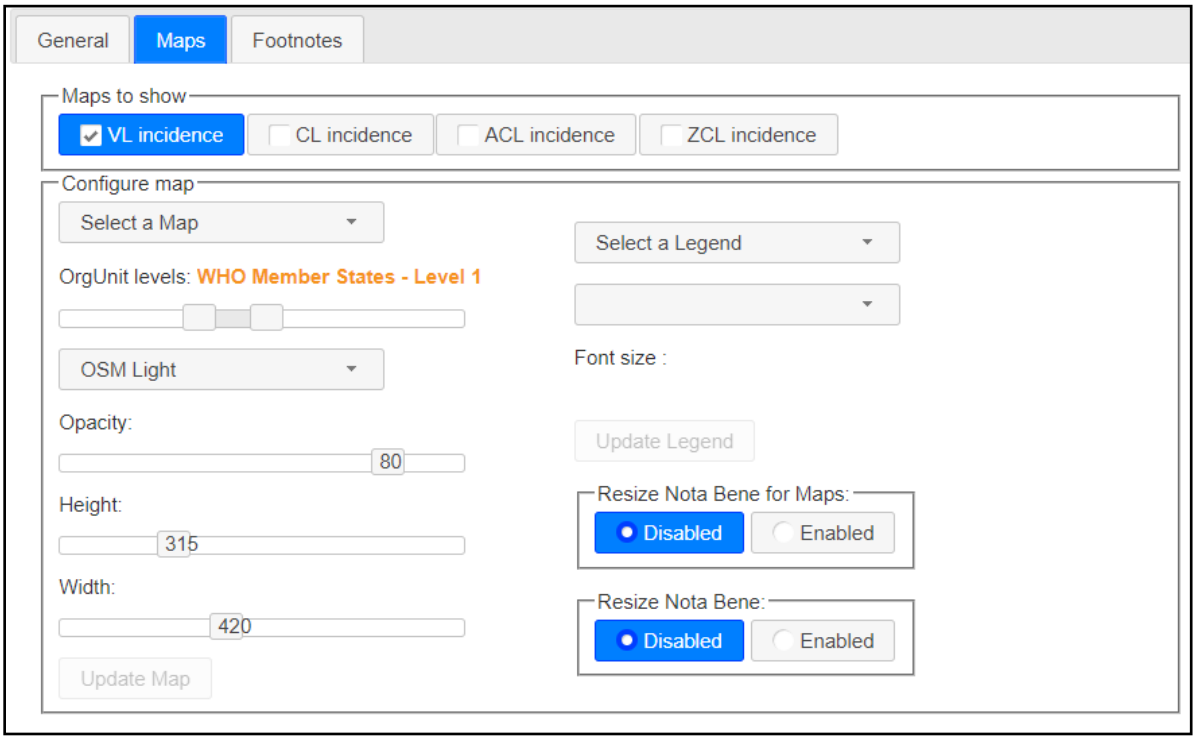
You can select a chart to configure it (if its checkbox is unchecked it will appear as greyed out).

You can adapt the lower and upper bounds of the “number of cases” axis and (if available) the incidence axis. Just type or use the arrows in the correspondent input field to modify the values. You will be able to see changes in real time.

Click on “Update chart” to update it with the new bounds or Cancel to leave it as it was before.

3.1.3. Maps

The active map checkboxes are checked by default. Check or uncheck a checkbox to, respectively, make a chart appear or disappear.

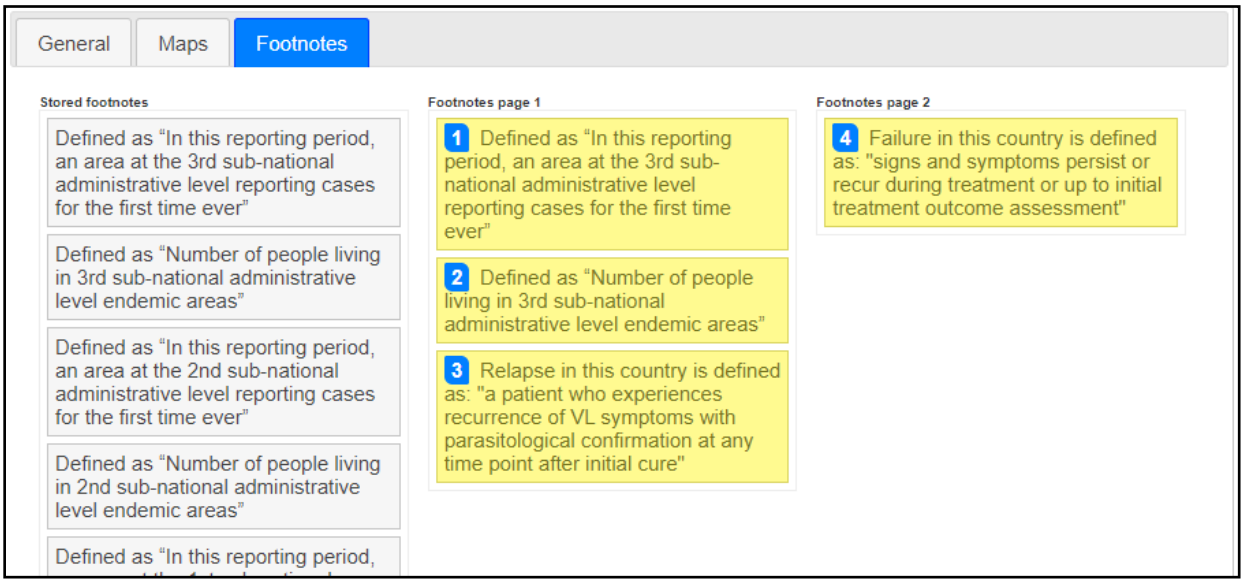


To update a map, select a map name on the dropdown. Select the deepest subnational level you want to see drawn in the map, only the highest and the lowest levels will be painted. You can select also the background layout, the opacity, the height and the width. Click “Update Map” once you finished the configuration.

You can relocate and resize the legend within the map. To do that, select a legend on the right dropdown menu. You will see appear the legend at right. You can resize it, edit the text or select the corner where it will be shown. Click “Update Legend” to apply changes.

Size of the two “Nota Bene” in the CP are locked by default. You may enable this feature to adapt the size of the box to the content or the location. Remember putting them back to “disabled” once you have finished.

3.1.4. Footnotes



In this section you organize the footnotes stored in and got from the footnote program.

To move one footnote from one page to another or to remove from the CP, just drag and drop it in the correct box. You can reorder them within the box. The footnote index will be accordingly updated. However, the index you put in the CP text are not "linked" to these footnotes: It's up to you to make sure the reference and the index match.

3.2. Country profile

LPCG usually shows N/A when Not Applicable (for example, data was not requested to the country[2]) and No data when blank data (no 0's) is found in the system. Other complex cases are explained in their own section.

3.2.1. Texts to update before printing

Two texts in CP are generated but must be verified before printing. Those text are highlighted in red and, as described in 2.2.2 section, can be modified and its color changed to black. The texts are:

Name of the division levels: The system, takes, as example, the first subdivision level found, but this text should be updated to its specific category name (region, district, department, upazilla… etc).

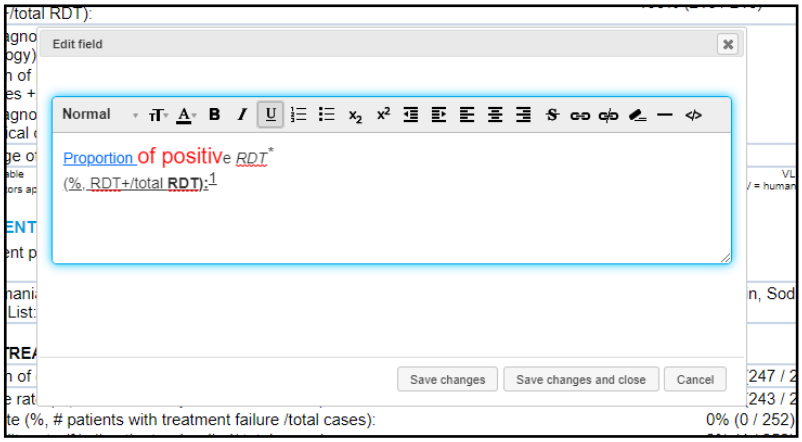
Age group <15/> 14 years, %:	- / -
Life expectancy at birth in years (F/M):	N/A / N/A
Number of 1st sub-national administrative level divisions, name:	6, Central

Title on maps: The text in red is automatically changed when you check or uncheck the maps, checkboxes. Just, verify the title is correct and change the color to blue.

Distribution of VL and CL cases per 10 000 population

3.2.2. Edit elements in the CP

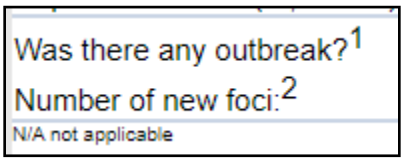
You can edit almost any text in the CP. To do that, just right click on the element and an edit field box will pop up. You can change the text, color, size, text style, add hyperlinks, etc.



[2] From 0.32, the LCPG scans the indicators dependencies (the dataElements or indicators in which those indicators are based on) and shows N/A if any of them are not assigned to one of the datasets of programs assigned to the country.

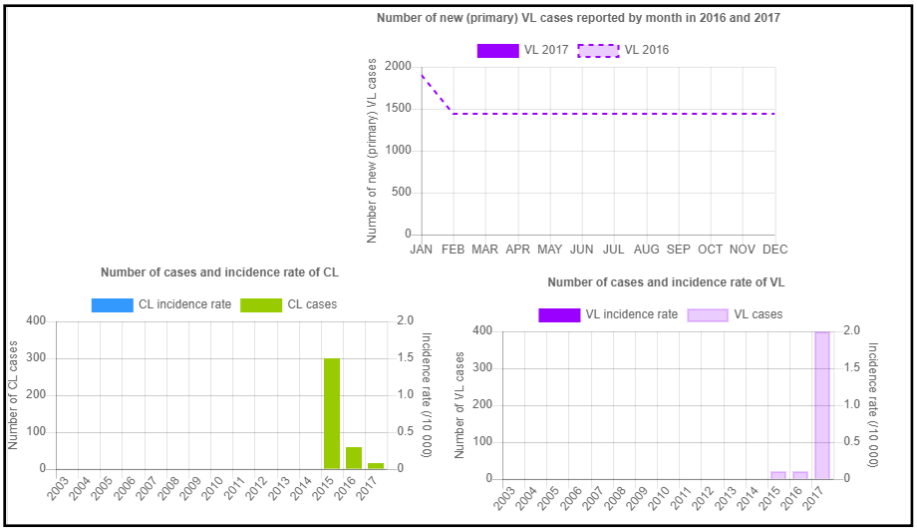
3.2.3. Footnote elements in the CP

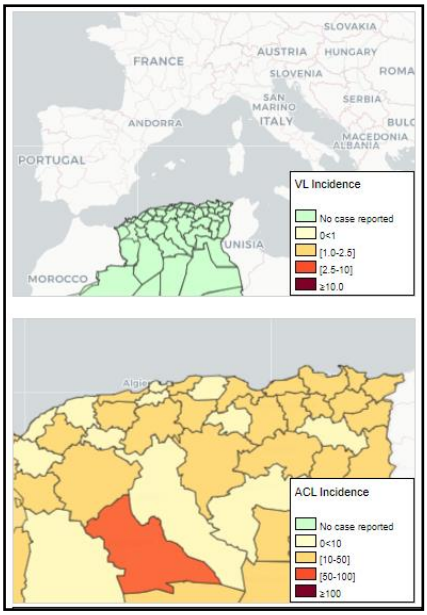
You can footnote almost any element of the CP by left clicking on the element. A footnote index (1 for first clicked element) will be added to the element. The next element will be footnoted with the number “2” and so on. If you want to remove a footnote index, just left click again on it. It’s better to remove all higher footnote indexes first, to keep a logic sequence of indexes.



3.2.4. Arrange maps and charts

Charts and maps can be moved by clicking on them and moving the mouse to the desired location.
In addition, maps can be zoomed in and its content moved up, down, left or right. However, they cannot be zoomed out for the instance. If you need to reset a map, just go to the maps section in the configuration zone, select the map and click on “Update map”.





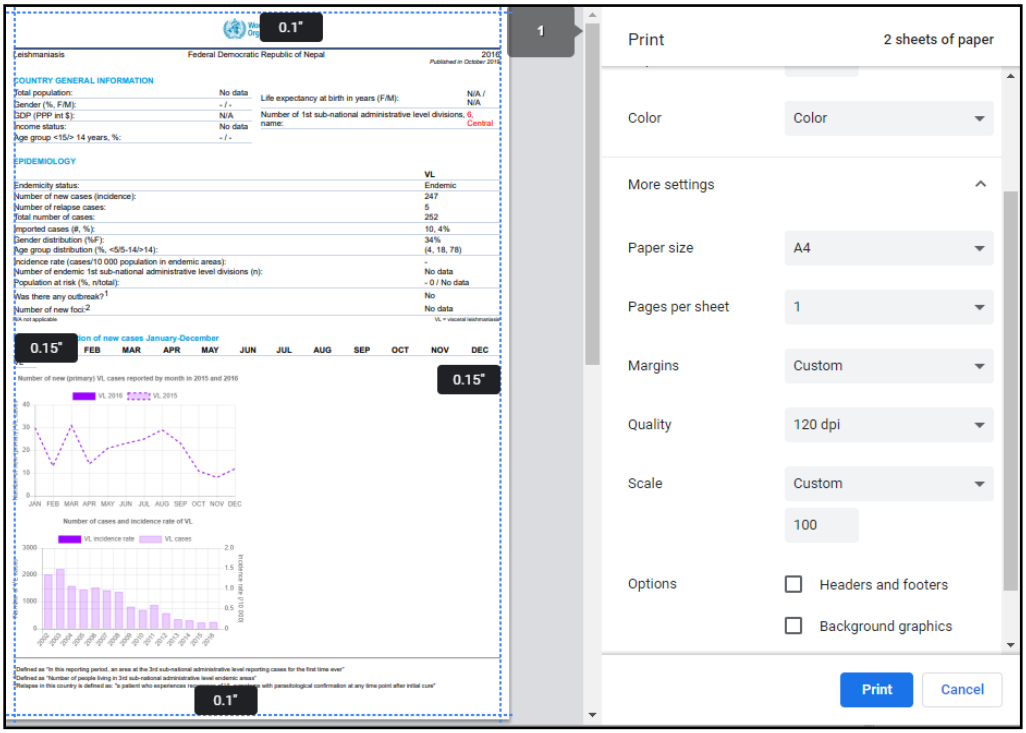
3.2.5. Printing the CP or saving it as PDF

To generate the PDF version of the CP, click [Ctrl]+[P].

You can adjust the final with the parameters:

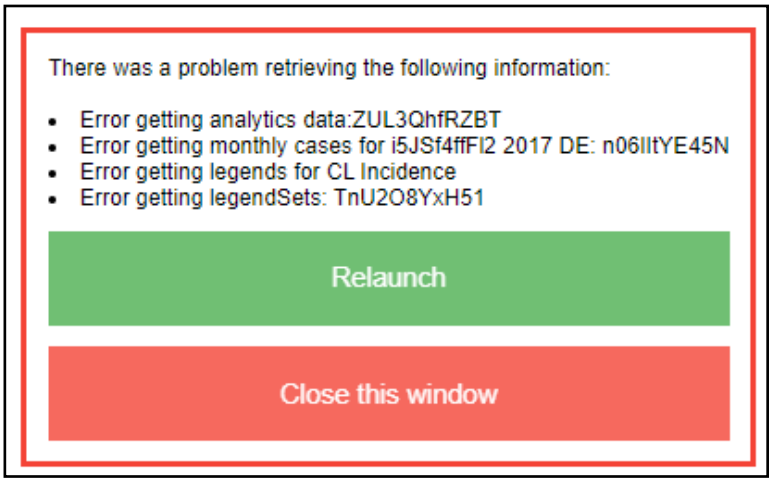
- paper size (A4)
- scale (normally 100%)
- margins (minimum or custom).
- Uncheck “Headers and footers”

Select your printer or the option “Save as PDF”.



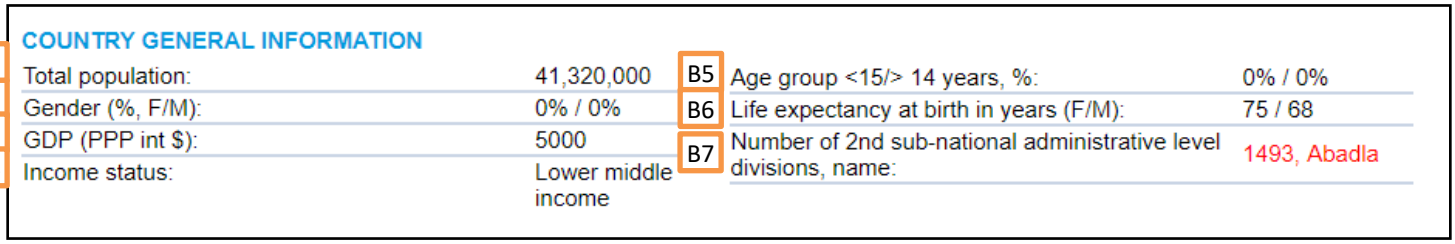
3.2.6. Dealing with unexpected errors

LCPG makes several API calls in the background to retrieve information from many different sources. It may occur that one or more of those API calls fail (e.g. due to a punctual internet interruption). In that case, an error report window will appear describing which calls failed. You may click on relaunch to reload the CP for the same CP and year. You may also close the window if part of the CP is visible behind the window, knowing that part of the information is missing.



1. Source of information in country profile sections

1.1. Country general information section



COUNTRY GENERAL INFORMATION

B1	Total population:	41,320,000	B5	Age group <15/> 14 years, %:	0% / 0%
B2	Gender (%, F/M):	0% / 0%	B6	Life expectancy at birth in years (F/M):	75 / 68
B3	GDP (PPP int $):	5000	B7	Number of 2nd sub-national administrative level divisions, name:	1493, Abadla
B4	Income status:	Lower middle income			

CODE	DataSet / Program	DataElement / Indicator	CatCombos / comments
B1	DS_GeneralInformation	GEN_UN_WPP_Pop_Tot_1000 * 1000	It shows "No data" if no data value found. Total population (GEN_UN_WPP_Pop_Tot_1000) is used in B1, C10 and D5.
B2	DS_GeneralInformation	UN_WPP_POP_GENDER_FEMALE_% UN_WPP_POP_GENDER_MALE_%	
B3	DS_GeneralInformation	NY.GDP.PCAP.PP.CD	Value is rounded to the nearest integer.
B4	DS_GeneralInformation	GEN_WB_IncomeGroup	
B5	DS_GeneralInformation	UN_WPP_POP_AGE_U15_% UN_WPP_POP_AGE_OVER15_%	
B6	DS_GeneralInformation	WHOSIS_000001_FMLE WHOSIS_000001_MLE	Value is rounded to the nearest integer.
B7	Number of subdivisions in the orgUnitTree for the current country at the selected level. The name is the first occurrence found in the orgUnitTree.		

1.2. Epidemiology section

EPIDEMIOLOGY

		VL	CL	ACL	ZCL	PKDL	MCL
C1	Endemicity status:	Non endemic	Previously endemic	Endemic	Endemic	Error!	Error!
C2	Number of new cases (incidence):	25	15	100	50	No data	105
C3	Number of relapse cases:	No data	1	No data	No data	N/A	N/A
C4	Total number of cases:	25	18	100	50	No data	105
C5	Imported cases (#, %):	No data, No data	21, 33%	No data, No data	No data, No data	N/A	N/A
C6	Gender distribution (%F):	No data	33%	No data	No data	No data	99%
C7	Age group distribution (%, <5/5-14/>14):	No data	(43, 47, 10)	No data	No data	No data	(100, No data, No data).
C8	Incidence rate (cases/10 000 population in endemic areas):	0.01	0	-	-	N/A	N/A
C9	Number of endemic 1st sub-national administrative level divisions (n):	9	47	No data	No data	N/A	N/A
C10	Population at risk (%, n/total):	0% 1800 / 41320000	0% 9200 / 41320000	0% 0 / 41320000	0% 0 / 41320000	N/A	N/A
C11	Was there any outbreak?	No data	Yes	No data	No data	N/A	N/A
C12	Number of new foci:	No data	987	No data	No data	N/A	N/A

N/A not applicable VL = visceral leishmaniasis CL = cutaneous leishmaniasis ACL = anthroponotic cutaneous leishmaniasis ZCL = zoonotic cutaneous leishmaniasis PKDL = post-kala-azar dermal leishmaniasis MCL = mucocutaneous leishmaniasis

See detailed descriptions on table on next page. Codes are used when possible. Names or names and UIDs otherwise.

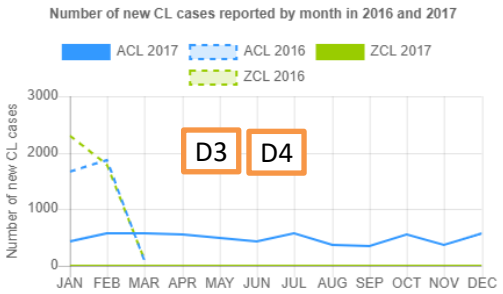
CODE	DataSet	DataElement / Indicator	CatCombos / Comments	
C1	GHO_NTDs	NTD_LEISHVEND NTD_LEISHCEND NTD_LEISHACEND NTD_LEISHZCEND NTD_LEISHMCEND NTD_LEISHPKDLEND	-	It replaces the numeric code (1,3 or 5) by "Endemic", "Previously endemic" or "Non endemic". It shows "Error!" if other code is found.
C2	DS_VL_Detailed_Annual DS_VL_Simple_Annual GHO_NTDs	VL_EPI_Type	New (default for PKDL and MCL)	It shows "No data" if no data found in the system.
	DS_CL_Detailed_Annual DS_CL_Detailed_Monthly DS_CL_Simple_Annual GHO_NTDs	CL_EPI_Type MCL_GEN_EPID_cases		
	DS_ACL/ZCL_Detailed_Annual	ACL_EPI_Type ZCL_EPI_Type		
	DS_VL_Detailed_Annual DS_VL_Simple_Annual	PKDL_GEN_EPID_cases		
C3	*As C2 for each DE	VL_EPI_Type CL_EPI_Type ACL_EPI_Type ZCL_EPI_Type	Relapse (N/A for PKDL and MCL)	It shows "No data" if no data found in the system.
C4	*As C2 for each DE	VL_EPI_Type CL_EPI_Type ACL_EPI_Type ZCL_EPI_Type PKDL_GEN_EPID_cases MCL_GEN_EPID_cases	New Relapse Type unspecified (default for PKDL and MCL)	It shows "No data" if no data found in the system.
C5	DS_VL_Simple_Annual DS_VL_Detailed_Annual	VL_EPI_Type_Origin	New, Autochthonous Relapse, Autochthonous Type unspecified, Autochthonous New, Imported Relapse, Imported Type unspecified, Imported New, Origin unknown Relapse, Origin unknown Type unspecified, Origin unknown *LCPG shows No Data instead XY% if it was not able to calculate percentage.*	
	DS_CL_Detailed_Annual DS_CL_Detailed_Monthly DS_CL_Simple_Annual	CL_EPI_Type_Origin		
	DS_ACL/ZCL_Detailed_Annual	ACL_EPI_Type_Origin		
		ZCL_EPI_Type_Origin		
C6	DS_VL_Detailed_Annual	VL_EPI_Type_Gender	name="New, Female" id="TtoYCIVcBA3" name="New, Gender Unknown" id="FaYhAlKLX16" name="New, Male" id="GpQZH8hC7jY" name="Type unspecified, Female" id="wGED4K5Bs37" name="Type unspecified, Gender Unknown" id="zkKbIIarKWM" name="Type unspecified, Male" id="aWWYWv6buzp" *LCPG shows No Data instead XY% if it was not able to calculate percentage.*	
	DS_CL_Detailed_Monthly DS_CL_Detailed_Annual	CL_EPI_Type_Gender		
	DS_ACL/ZCL_Detailed_Annual	ACL_EPI_Type_Gender		
		ZCL_EPI_Type_Gender		
	DS_VL_Detailed_Annual	PKDL_EPID_sex	name="Female" id="V2LdgcGgFQt" name="Gender Unknown" id="jNbFhhnUsQv" name="Male" id="Z2hvpF7mhh7" *LCPG shows No Data instead XY% if it was not able to calculate percentage.*	
	DS_CL_Detailed_Monthly DS_CL_Simple_Annual DS_CL_Detailed_Annual	MCL_EPID_sex		
C7	DS_VL_Detailed_Annual	VL_EPI_Type_Age	name="New, 15 y and over" id="DDliBAHqwGV" name="New, 5 to 14 y" id="mTyLqDjpQ5b" name="New, Age Unknown" id="dVuOzmU4xbI" name="New, Under 5y" id="hKq5WASZw8q" name="Type unspecified, 15 y and over" id="UQMTeRPY2U0" name="Type unspecified, 5 to 14 y" id="P6R9XEaqQbz" name="Type unspecified, Age Unknown" id="nIbrdHllMKh"	
	DS_CL_Detailed_Monthly DS_CL_Detailed_Annual	CL_EPI_Type_Age		
	DS_ACL/ZCL_Detailed_Annual	ACL_EPI_Type_Age		
		ZCL_EPI_Type_Age		

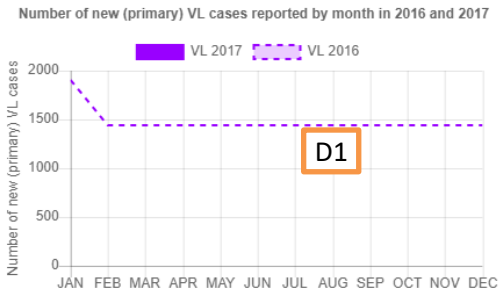
			name="Type unspecified, Under 5y" id="rZwYGlqR8GG"	
	DS_VL_Detailed_Annual	PKDL_EPID_age	name="15 y and over" id="rN9ELJVdEpo"	
	DS_CL_Detailed_Monthly DS_CL_Simple_Annual DS_CL_Detailed_Annual	MCL_EPID_age	name="5 to 14 y" id="moktBQGym51" name="Age Unknown" id="gPGNI7bWhDB" name="Under 5y" id="HDXcEOGT2s1"	
C8	-	IA_VL_EPI_NEWUNSP_INT IA_CL_EPI_NEWUNSP_INT IA_ACL_EPI_NEWUNSP_INT IA_ZCL_EPI_NEWUNSP_INT * 10000 / population at risk (numerator at C10)	If population at risk is 0, the incidence text shows N/A. N/A for PKDL and MCL. Total population (GEN_UN_WPP_Pop_Tot_1000) is used in B1, C10 and D5.	
C9	Leishmaniasis endemicity	DET_VL_endemicity_WHO DET_CL_endemicity_WHO DET_ACL_endemicity_WHO DET_ZCL_endemicity_WHO	Gets the count of orgUnits at the selected subnational level in **CODEHERE** having "1" as value for the dataElement and year. N/A for PKDL and MCL.	
C10	-	VL_POP_AT_RISK_I CL_POP_AT_RISK_I ACL_POP_AT_RISK_I ZCL_POP_AT_RISK_I	**Numerator:** The POP_AT_RISK_I indicator value: GEN_pop_Leish if the corresponding program indicator XXX_endemicity_WHO_factor1_PI equals 1. NaN otherwise. **Denominator:** GEN_UN_WPP_Pop_Tot_1000 * 1000 *LCPG shows No Data instead XY% if it was not able to calculate percentage.* Total population (GEN_UN_WPP_Pop_Tot_1000) is used in B1, C10 and D5. N/A for PKDL and MCL.	
C11	DS_VL_Simple_Annual DS_VL_Detailed_Annual	VL_GEN_EPID_outbreak	default	Converts the boolean value to Yes/No text. N/A for PKDL and MCL.
	DS_CL_Detailed_Annual DS_CL_Simple_Annual	CL_GEN_EPID_outbreak		
	DS_ACL/ZCL_Detailed_Annual	ACL_GEN_EPID_outbreak ZCL_GEN_EPID_outbreak		
C12	DS_VL_Simple_Annual DS_VL_Detailed_Annual	VL_GEN_EPID_newfocus	default	N/A for PKDL and MCL.
	DS_CL_Detailed_Annual DS_CL_Simple_Annual	CL_GEN_EPID_newfocus		
	DS_ACL/ZCL_Detailed_Annual	ACL_GEN_EPID_newfocus ZCL_GEN_EPID_newfocus		

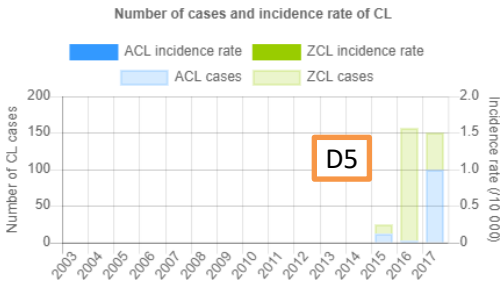
1.3. Monthly distribution of new cases January-December section

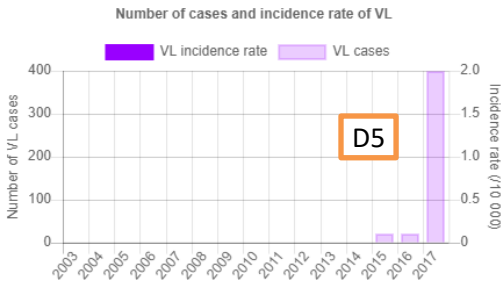
Monthly distribution of new cases January-December

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
D1	VL												
	VL (previous year)	1909	1441	1441	1441	1441	1441	1441	1441	1441	1441	1441	1441
D2	CL	323	473	439	445	552	593	412	417	451	445	443	421
	CL (previous year)	1661	1597	276									
D3	ACL	427	581	569	554	498	438	569	371	350	549	380	570
	ACL (previous year)	1664	1865	101									
D4	ZCL	0	0	0	0	0	0	0	0	0	0	0	0
	ZCL (previous year)	2300	1794	122									









CODE	Program	DataElement
D1	VL_cases_by provenance	VL_cases_byProvenance_T
D2	CL_cases_by provenance	CL_cases_byProvenance_T
D3		ACL_cases_byProvenance_T
D4		ZCL_cases_byProvenance_T

Number of cases (D5)

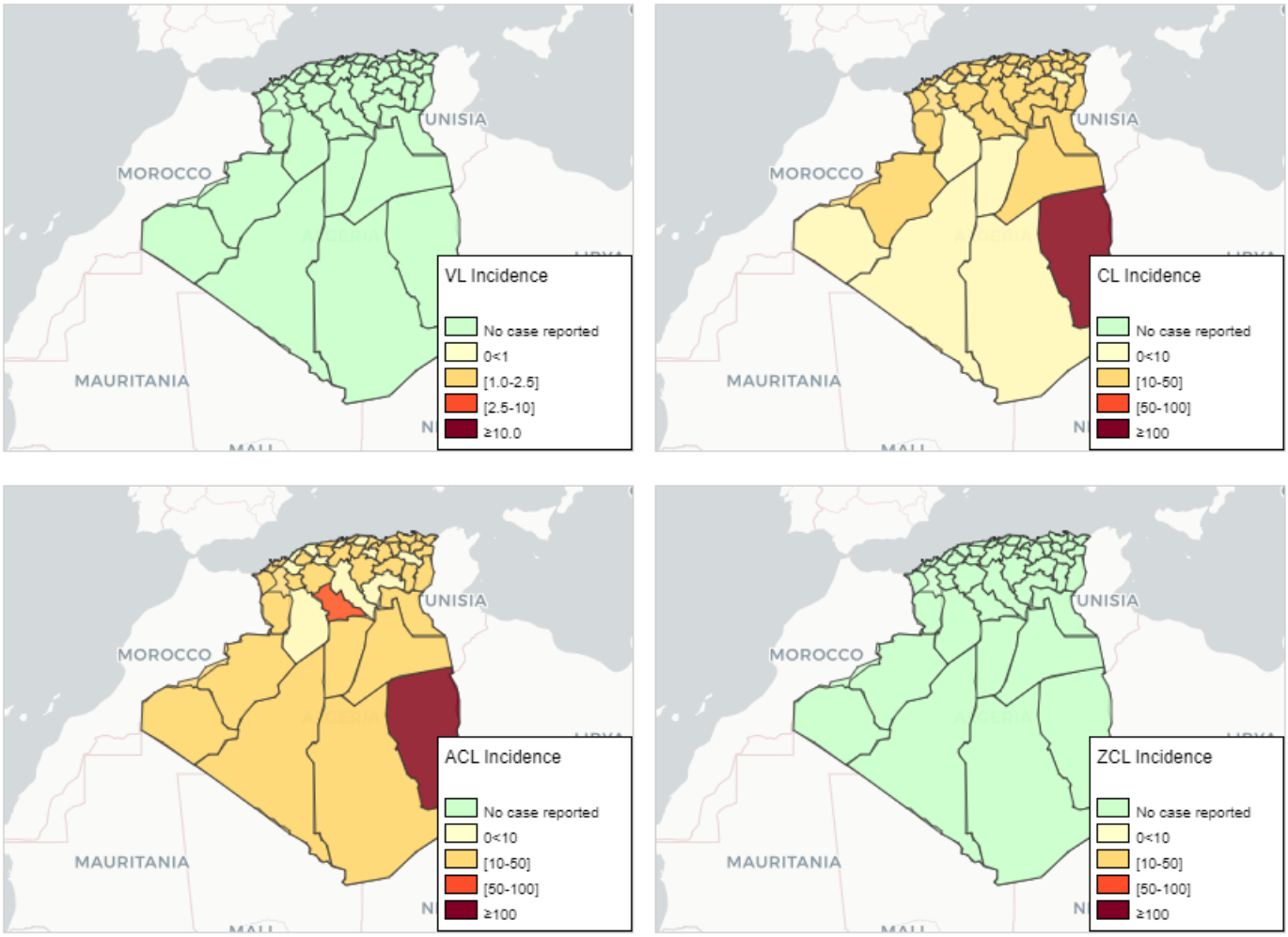
INDICATOR	Numerator	den	Comments
IA_VL_EPI_NEWUNSP_INT	VL_EPI_Type New + VL_EPI_Type Type unspecified	1	**indicatorType:** number
IA_CL_EPI_NEWUNSP_INT	CL_EPI_Type New + CL_EPI_Type Type unspecified		
IA_ACL_EPI_NEWUNSP_INT	ACL_EPI_Type New + ACL_EPI_Type Type unspecified		
IA_ZCL_EPI_NEWUNSP_INT	ZCL_EPI_Type New + ZCL_EPI_Type Type unspecified		

Incidence rates (D5)

INDICATOR	Numerator	denominator	Comments
IA_VL_EPI_INC_PopUN_10000	VL_EPI_Type New + VL_EPI_Type Type unspecified	GEN_UN_WPP_Pop_Tot_1000 * 1000	**indicatorType:** Per ten thousand
IA_CL_EPI_INC_PopUN_10000	CL_EPI_Type New + CL_EPI_Type Type unspecified		
IA_ACL_EPI_INC_PopUN_10000	ACL_EPI_Type New + ACL_EPI_Type Type unspecified		
IA_ZCL_EPI_INC_PopUN_10000	ZCL_EPI_Type New + ZCL_EPI_Type Type unspecified		

1.4. Maps section

Distribution of VL/CL/ACL/ZCL cases per 10 000 population

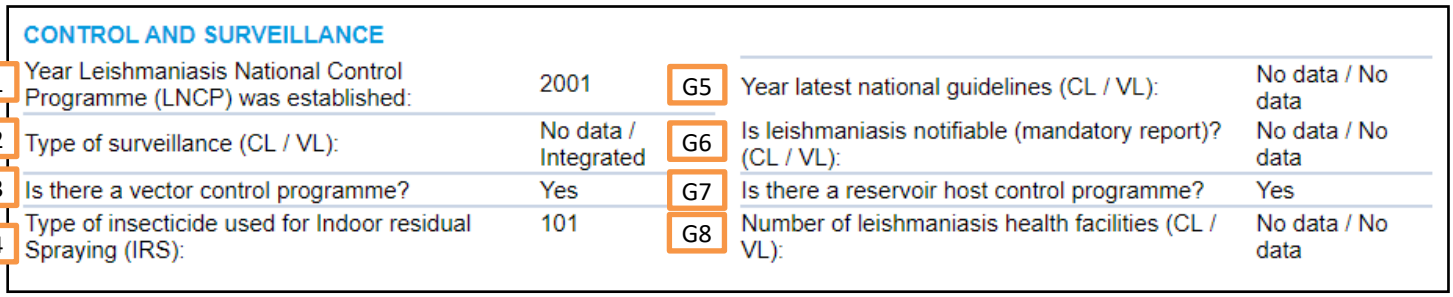


The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.
Map production: WHO/HTM/NTD/IDM

INDICATOR	Numerator	denominator	Comments
VL_EPI_INC_PopData_LSH_10000	VL_cases_byProvenance_T	GEN_pop_Leish (In Population data dataset)	**indicatorType:** Per ten thousand
CL_EPI_INC_PopData_LSH_10000	CL_cases_byProvenance_T		
ACL_EPI_INC_PopData_LSH_10000	ACL_cases_byProvenance_T		
ZCL_EPI_INC_PopData_LSH_10000	ZCL_cases_byProvenance_T		

LEGENDSET name	Legend Name	startValue	endValue	Color
VL_INCIDENCE_LEGEND_0_10	No case reported	0.0	0.001	#CCFFCC
	0<1	0.001	1.0	#FFFFCC
	[1-2.5]	1.0	2.5	#FED976
	[2.5-10]	2.5	10.0	#FC4E2A
	≥10	10.0	10000.0	#800026
CL_INCIDENCE_LEGEND_0_100 ACL_INCIDENCE_LEGEND_0_100 ZCL_INCIDENCE_LEGEND_0_100	No case reported	0.0	0.001	#CCFFCC
	0<10	0.001	10.0	#FFFFCC
	[10-50]	10.0	50.0	#FED976
	[50-100]	50.0	100.0	#FC4E2A
	≥100	100.0	10000.0	#800026

1.5. Control and surveillance section



CONTROL AND SURVEILLANCE

G1	Year Leishmaniasis National Control Programme (LNCP) was established:	2001	G5	Year latest national guidelines (CL / VL):	No data / No data
G2	Type of surveillance (CL / VL):	No data / Integrated	G6	Is leishmaniasis notifiable (mandatory report)? (CL / VL):	No data / No data
G3	Is there a vector control programme?	Yes	G7	Is there a reservoir host control programme?	Yes
G4	Type of insecticide used for Indoor residual Spraying (IRS):	101	G8	Number of leishmaniasis health facilities (CL / VL):	No data / No data

CODE	DataSet	DataElement / Indicator	Comments
G1	DS_VL_Detailed_Annual DS_CL_Detailed_Annual DS_ACL/ZCL_Detailed_Annual	Leish_GEN_LNCP_year	It shows “No data” when no entry found in the system.
G2	DS_CL_Detailed_Annual	CL_GEN_Surv_Type	Converts codes into texts: 1: Vertical 2: Integrated 7: Other 8: Non-applicable 9: Unknown
	DS_VL_Detailed_Annual	VL_GEN_Surv_Type	
G3	DS_CL_Detailed_Annual DS_ACL/ZCL_Detailed_Annual DS_VL_Detailed_Annual	Leish_GEN_VectorControl	Converts codes into texts: 1: Yes 2: No 9: Unknown
G4		Leish_GEN_VectorControl_Insecticide	It shows “No data” when no entry found in the system.
G5	DS_ACL/ZCL_Detailed_Annual DS_CL_Detailed_Annual	CL_GEN_Guidelines_year	It shows “No data” when no entry found in the system.
	VL_GEN_Guidelines_year	VL_GEN_Guidelines_year	
G6	DS_CL_Detailed_Annual DS_ACL/ZCL_Detailed_Annual	CL_GEN_Surv_Notif	Converts codes into texts: 1: Yes 2: No 9: Unknown
	DS_VL_Detailed_Annual	VL_GEN_Surv_Notif	
G7	DS_CL_Detailed_Annual DS_ACL/ZCL_Detailed_Annual DS_VL_Detailed_Annual	Leish_GEN_ReservoirControl	Converts codes into texts: 1: Yes 2: No 9: Unknown
G8	DS_CL_Detailed_Annual	CL_GEN_Surv_HF	It shows “No data” when no entry found in the system.
		VL_GEN_Surv_HF	

1.6. Diagnosis section

DIAGNOSIS

	VL	CL	ACL	ZCL	PKDL	MCL
H1 Number of people screened actively for:	No data	No data	N/A	N/A	N/A	N/A
H2 Number of people screened passively for:	No data	N/A	N/A	N/A	N/A	N/A
H3 VL cases diagnosed by RDT* (%, RDT+/total VL cases):	86% (216 / 252)	N/A	N/A	N/A	N/A	N/A
H4 Proportion of positive RDT* (%, RDT+/total RDT):	100% (216 / 216)	N/A	N/A	N/A	N/A	N/A
H5 Cases diagnosed by direct exam (parasitology) (%, # slides +/total cases):	15% (38 / 252)	No data	N/A	N/A	N/A	N/A
H6 Proportion of positive slides (%, # slides +/total slides):	100% (38 / 38)	No data	No data	No data	N/A	N/A
H7 Cases diagnosed clinically (%, # clinical cases/total cases):	0% (0 / 252)	No data	N/A	N/A	N/A	N/A
H8 Percentage of cases with HIV-VL coinfection:	0% (0 / 252)	N/A	N/A	N/A	N/A	N/A

N/A not applicable; VL = visceral leishmaniasis; CL = cutaneous leishmaniasis; ACL = anthroponotic cutaneous leishmaniasis; ZCL = zoonotic cutaneous leishmaniasis; PKDL = post-kala-azar dermal leishmaniasis; MCL = mucocutaneous leishmaniasis
* These indicators apply only for primary VL cases
RDT = rapid diagnostic rest
HIV = human immunodeficiency virus

CODE	DataSet	DataElement / Indicator	CatCombos / Comments	
H1	DS_VL_Detailed_Annual	VL_SCREEN_active	-	N/A for PKDL and MCL
	DS_CL_Detailed_Monthly DS_CL_Detailed_Annual	CL_SCREEN_active		
	DS_ACL/ZCL_Detailed_Annual	ACL_SCREEN_active ZCL_SCREEN_active		
H2	DS_VL_Detailed_Annual	NTD_LSH_VL_SCREEN_passive_I	The related DE is assigned to the DS but it's not in the form!	
	DS_CL_Detailed_Monthly DS_CL_Detailed_Annual	NTD_LSH_CL_SCREEN_passive_I	The related DE is not assigned to the dataset !	
	DS_ACL/ZCL_Detailed_Annual	NTD_LSH_ACL_SCREEN_passive_I NTD_LSH_ZCL_SCREEN_passive_I	The related DE is assigned to the DS but it's not in the form! N/A for PKDL and MCL	
H3	DS_VL_Detailed_Annual	VL_Lab_RDT_results_type / IA_VL_EPI_NEWUNSP_INT	N/A for CL (All types) and PKDL.	
H4	DS_VL_Detailed_Annual	VL_Lab_RDT_tested_type	name="New" id="psVSPLclyFj" name="Type unspecified" id="IRW4YrOtk5q"	VL_Lab_RDT_results_type (New + Unsp.) / VL_Lab_RDT_tested_type (New + Unsp.)
		VL_Lab_RDT_results_type	name="New, Positive" id="jRcT6HVKb2t" name="Type unspecified, Positive" id="YXktM46YiXo"	N/A for CL (All types) and PKDL.
H5	DS_VL_Detailed_Annual	IA_VL_directExam_diagCases	IA_VL_LAB_parasito_result_type_NewUnsp IA_CL_LAB_parasito_result_type_NewUnsp IA_ACL_LAB_parasito_result_type_NewUnsp IA_ZCL_LAB_parasito_result_type_NewUnsp / IA_VL_EPI_NewUnsp_INT IA_CL_EPI_NewUnsp_INT IA_ACL_EPI_NewUnsp_INT IA_ZCL_EPI_NewUnsp_INT	
	DS_CL_Detailed_Annual DS_ACL/ZCL_Detailed_Monthly	IA_CL_directExam_diagCases		
	DS_ACL/ZCL_Detailed_Annual	IA_ACL_directExam_diagCases IA_ZCL_directExam_diagCases		
H6	DS_VL_Detailed_Annual	IA_VL_positiveSlides_PROP	IA_VL_LAB_parasito_result_type_NewUnsp IA_CL_LAB_parasito_result_type_NewUnsp IA_ACL_LAB_parasito_result_type_NewUnsp IA_ZCL_LAB_parasito_result_type_NewUnsp / IA_VL_EPI_NewUnsp_INT IA_CL_EPI_NewUnsp_INT IA_ACL_EPI_NewUnsp_INT IA_ZCL_EPI_NewUnsp_INT	
	DS_CL_Detailed_Annual DS_ACL/ZCL_Detailed_Monthly	IA_CL_positiveSlides_PROP		
	DS_ACL/ZCL_Detailed_Annual	IA_ACL_positiveSlides_PROP IA_ZCL_positiveSlides_PROP		

H7	DS_VL_Detailed_Annual	VL_LAB_clinical	New Relapse Type unspecified	Clinical cases / Total cases (C4)
	DS_CL_Detailed_Annual DS_ACL/ZCL_Detailed_Monthly	**NO DATA ELEMENT**		
	DS_ACL/ZCL_Detailed_Annual	**NO DATA ELEMENT** **NO DATA ELEMENT**		
H8	DS_VL_Detailed_Annual	VL_LAB_HIVstatus_Type	name="New, Positive" id="jRcT6HVKb2t" name="Relapse, Positive" id="QKqVJ13mGZI" name="Type unspecified, Positive" id="YXktM46YiXo"	VL_LAB_HIVstatus_Type (New Positive + Relapse Positive + Unsp. Positive) / Total cases (C4)

1.7. Treatment and medicines and Treatment Outcome section

	TREATMENT AND MEDICINES					
I1	Is treatment provided for free in the public sector? (CL / VL):	N/A / Yes				
I2	Antileishmanial medicines included in the National Medicine List:	Amphotericin B deoxycholate, Miltefosine, Paromomycin, Sodium stibogluconate (SSG)				
	INITIAL TREATMENT OUTCOME FOR NEW CASES	**VL**	**CL**	**ACL**	**ZCL**	
I3	Proportion of cases treated (%, # treated cases/ total cases):	98% (247 / 252)	N/A	N/A	N/A	
I4	Initial cure rate (%, # cases initially cured /total cases):	96% (243 / 252)	N/A	N/A	N/A	
I5	Failure rate (%, # patients with treatment failure /total cases):	0% (0 / 252)	N/A	N/A	N/A	
I6	Case fatality rate (%, # patients who died/ total cases):	2% (4 / 252)	N/A	N/A	N/A	

CODE	DataSet	DE / Indicator	Comments
I1	DS_VL_Detailed_Annual	VL_GEN_TxFree	Converts codes into texts: 1: Yes 2: No 9: Unknown
	DS_CL_Detailed_Annual DS_ACL/ZCL_Detailed_Annual	CL_GEN_TxFree	
I2	DS_VL_Detailed_Annual DS_CL_Detailed_Annual DS_ACL/ZCL_Detailed_Annual	Leish_GEN_EML_AmphotericinB Leish_GEN_EML_LiposomalAmp Leish_GEN_EML_Meglumine Leish_GEN_EML_Miltefosine Leish_GEN_EML_Paromomycin Leish_GEN_EML_Pentamidine Leish_GEN_EML_SSG	LCPG retrieves ids and replaced by hardcodes names: Amphotericin B deoxycholate Liposomal amphotericin B Meglumine antimoniate Miltefosine Paromomycin Pentamidine Sodium stibogluconate (SSG)
I3	DS_VL_Detailed_Annual	NTD_LSH_VL_TREAT_completed_I / IA_VL_EPI_NEWUNSP_INT	
	DS_CL_Detailed_Annual	NTD_LSH_CL_TREAT_completed_I / IA_CL_EPI_NEWUNSP_INT	
	DS_ACL/ZCL_Detailed_Annual	NTD_LSH_ACL_TREAT_completed_I / IA_ACL_EPI_NEWUNSP_INT NTD_LSH_ZCL_TREAT_completed_I / IA_ZCL_EPI_NEWUNSP_INT	
I4	DS_VL_Detailed_Annual DS_CL_Detailed_Annual DS_ACL/ZCL_Detailed_Annual DS_VL_Simple_Annual DS_CL_Simple_Annual	IA_NTD_VL_ITO_cureRate IA_NTD_ACL_ITO_cureRate IA_NTD_CL_ITO_cureRate IA_NTD_ZCL_ITO_cureRate / IA_VL_EPI_NEWUNSP_INT IA_CL_EPI_NEWUNSP_INT IA_ACL_EPI_NEWUNSP_INT IA_ZCL_EPI_NEWUNSP_INT	cureRate indicators add new and unknown initial cure rate dataelements from detailed and simple datasets. Simple dataElements for ACL and ZCL not include since they do not exist.
I5	DS_VL_Detailed_Annual DS_CL_Detailed_Annual DS_ACL/ZCL_Detailed_Annual DS_VL_Simple_Annual DS_CL_Simple_Annual	IA_NTD_VL_ITO_failureRate IA_NTD_CL_ITO_failureRate IA_NTD_ACL_ITO_failureRate IA_NTD_ZCL_ITO_failureRate / IA_VL_EPI_NEWUNSP_INT IA_CL_EPI_NEWUNSP_INT IA_ACL_EPI_NEWUNSP_INT IA_ZCL_EPI_NEWUNSP_INT	failureRate indicators add new and unknown failure rate dataelements from detailed and simple datasets. Simple dataElements for ACL and ZCL not include since they do not exist.
I6	DS_VL_Detailed_Annual DS_CL_Detailed_Annual DS_ACL/ZCL_Detailed_Annual DS_VL_Simple_Annual DS_CL_Simple_Annual	IA_NTD_VL_ITO_fatalityRate IA_NTD_CL_ITO_fatalityRate IA_NTD_ACL_ITO_fatalityRate IA_NTD_ZCL_ITO_fatalityRate / IA_VL_EPI_NEWUNSP_INT IA_CL_EPI_NEWUNSP_INT IA_ACL_EPI_NEWUNSP_INT IA_ZCL_EPI_NEWUNSP_INT	Fatality rate indicators add new and unknown fatality rate dataelements from detailed and simple datasets. Simple dataElements for ACL and ZCL not include since they do not exist.