

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.

Table of Contents

| | |
|---|-----------|
| 1. CHANGELOG | 2 |
| 2. METADATA AND PERMISSIONS REQUIREMENTS..... | 3 |
| 3. GENERATING A COUNTRY PROFILE..... | 4 |
| 3.1. CONFIGURATION PANEL | 5 |
| 3.1.1. GENERAL | 5 |
| 3.1.2. CHARTS | 6 |
| 3.1.3. MAPS..... | 7 |
| 3.1.4. FOOTNOTES..... | 8 |
| 3.2. COUNTRY PROFILE..... | 9 |
| 3.2.1. TEXTS TO UPDATE BEFORE PRINTING | 9 |
| 3.2.2. EDIT ELEMENTS IN THE CP..... | 9 |
| 3.2.3. FOOTNOTE ELEMENTS IN THE CP..... | 9 |
| 3.2.4. ARRANGE MAPS AND CHARTS..... | 10 |
| 3.2.5. PRINTING THE CP OR SAVING IT AS PDF..... | 10 |
| 4. SOURCE OF INFORMATION IN COUNTRY PROFILE SECTIONS..... | 12 |
| 4.1. COUNTRY GENERAL INFORMATION SECTION..... | 12 |
| 4.2. EPIDEMIOLOGY SECTION | 13 |
| 4.3. MONTHLY DISTRIBUTION OF NEW CASES JANUARY-DECEMBER SECTION | 17 |
| 4.4. MAPS SECTION | 18 |
| 4.5. CONTROL AND SURVEILLANCE SECTION | 19 |
| 4.6. DIAGNOSIS SECTION | 20 |
| 4.7. TREATMENT AND MEDICINES AND TREATMENT OUTCOME SECTION..... | 22 |

1. Changelog

| Version | Date | Changes |
|---------|------------|--|
| 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_UNSP_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. 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 | <i>Gender and Population age group</i> data is now retrieved from UN_WPP_POP indicators. <i>Life expectancy at birth</i> is now retrieved from GHO, not WB. |
| 0.19 | 2019.11.05 | All texts reviewed and adapted to 2015 CP texts. <i>Country General Information</i> and <i>Control and Surveillance</i> 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) <i>Life expectancy at birth</i> and <i>GDP</i> values are now rounded to the nearest integer. (<i>comments updated in this manual</i>) |
| 0.18 | 2019.11.04 | Country names are now shortNames Incidence rates indicators updated Bugfix: <i>Control & Surveillance</i> and <i>Treatment and medicines</i> 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. |

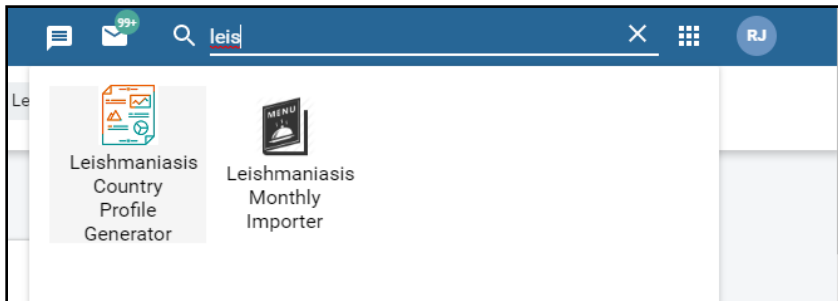
2. Metadata and permissions requirements

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 | NVUljZlakuO | Footnotes for Report Generator RG_ | Needs to be assigned to the country |
| program | Jd8gnElt8uT | Leishmaniasis endemicity | Needs to be assigned to the country |
| program | i5JSf4ffFI2 | VL_cases_by provenance | |
| dataSet | Uc3j0vpsfSB | Cutaneous Leishmaniasis - ACL/ZCL - Detailed aggregated - Annual | |
| dataSet | Sn0dExPzQqW | Cutaneous Leishmaniasis - ACL/ZCL - Simple aggregated - Annual | |
| dataSet | tnek2Ljfulm | Cutaneous Leishmaniasis - Detailed aggregated - Annual | |
| dataSet | zna8KfLMXn4 | Cutaneous Leishmaniasis - Simple aggregated - Annual | |
| dataSet | NKWbkXyfO5F | General information | Needs to be assigned to the country |
| dataSet | p0NhulUoeST | GHO indicators for NTDs | Needs to be assigned to the country |
| dataSet | fdBM4sWSuPR | Visceral Leishmaniasis - Detailed aggregated - Annual | |
| dataSet | SHwZzOysJ1R | Visceral Leishmaniasis - Simple aggregated - Annual | |
| sqlViews | mejiVo59hWs | categoryOptionCombos in DS | |
| sqlViews | oQdlVqkVlxC | 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 | U7IM5cGzV9q | 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

Generate Country Profile

Year

Country

Start preparing CP

Generate Country Profile

Year

Country

People's Democratic Republic of Algeria
Republic of Albania

Start preparing CP

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.

Configuration Area - Wort be printed
Instructions : Left click to add a footnote number
Right click to edit an element.

General Maps Footnotes

Leishmaniasis types to show:

☒ VL ☐ CL ☒ AZCL ☒ ZCL ☐ PKDL ☒ MCL

Leishmaniasis types to show in monthly table:

☒ VL ☐ CL ☐ VL (previous year) ☐ CL (previous year) ☒ AZCL ☒ ZCL

☐ ACL (previous year) ☐ ZCL (previous year)

Graphs to show:

☐ CL monthly ☒ AZCL monthly ☒ VL monthly

☐ CL yearly ☒ AZCL yearly ☒ VL yearly

2nd sub-national administ...

World Health Organization

Leishmaniasis People's Democratic Republic of Algeria 2017
Published in July 2019

Country General Information

| | | | |
|-------------------|---------------------|--|--------------|
| Total population: | 10 000 000 | Age group <15/> 14 years, %: | 40% / 60% |
| Gender (% F/M): | 25.5% / 24.5% | Life expectancy at birth in years (F/M): | 75 / 68 |
| GDP (PPP int \$): | 5000 | Number of 2nd sub-national administrative level divisions, name: | 1493, Abadla |
| Income status: | Lower middle income | | |

Epidemiology

| | | | | |
|--|----|-----|-----|-----|
| | VL | ACL | ZCL | MCL |
|--|----|-----|-----|-----|

Endemicity status:

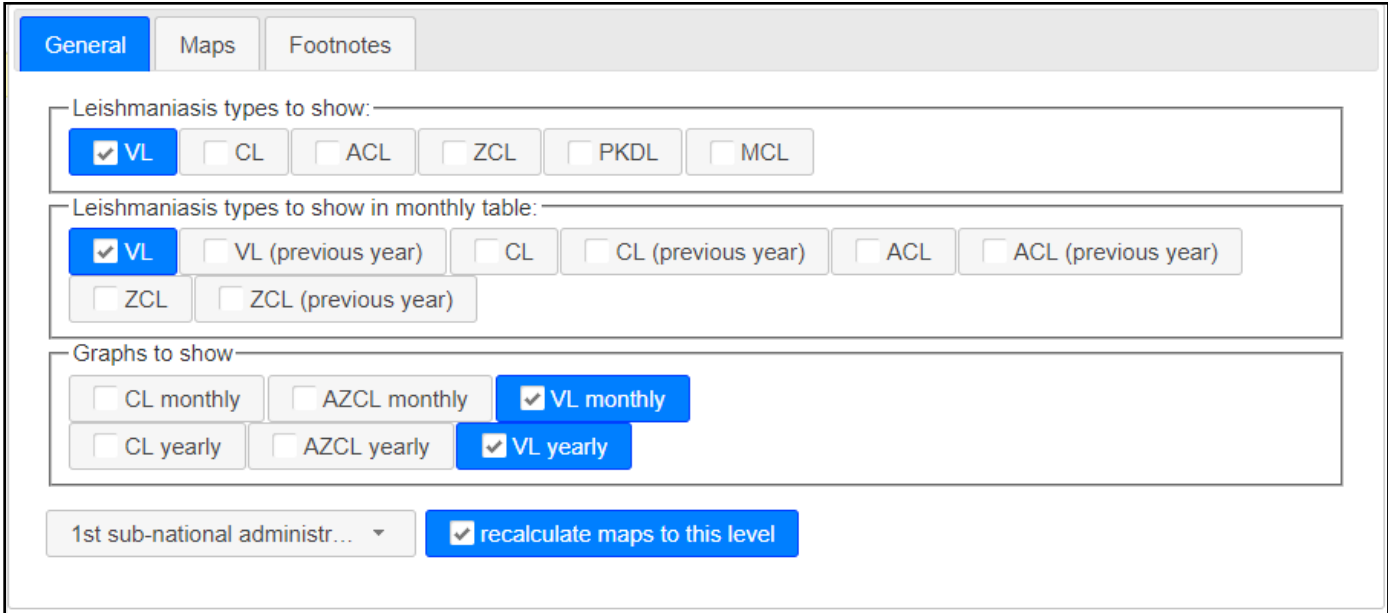
Configuration panel

Country profile

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



General Maps Footnotes

Leishmaniasis types to show: ☒ VL ☐ CL ☐ ACL ☐ ZCL ☐ PKDL ☐ MCL

Leishmaniasis types to show in monthly table: ☒ VL ☐ VL (previous year) ☐ CL ☐ CL (previous year) ☐ ACL ☐ ACL (previous year) ☐ ZCL ☐ ZCL (previous year)

Graphs to show: ☐ CL monthly ☐ AZCL monthly ☒ VL monthly ☐ CL yearly ☐ AZCL yearly ☒ VL yearly

1st sub-national administr... ☒ recalculate maps to this level

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.

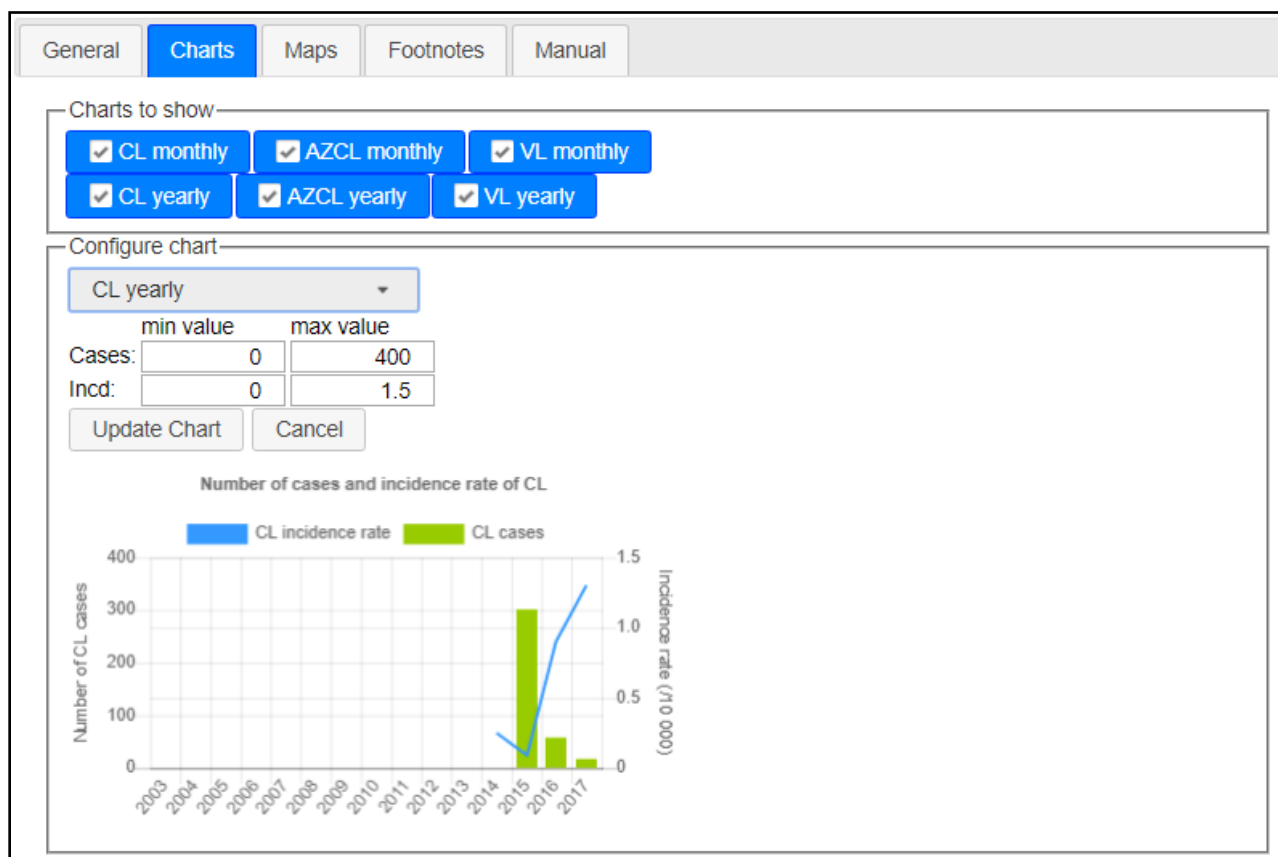
The behavior is the same in the monthly table checkboxes except for previous years, whose checkboxes are by default unchecked.

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.

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.

The screenshot shows a configuration window with three tabs: 'General', 'Maps' (selected), and 'Footnotes'. The 'Maps to show' section contains four checkboxes: 'VL incidence' (checked), 'CL incidence', 'ACL incidence', and 'ZCL incidence'. The 'Configure map' section includes a 'Select a Map' dropdown, 'OrgUnit levels' set to 'WHO Member States - Level 1', a range slider, 'OSM Light' background style, 'Opacity' set to 80, 'Height' set to 315, and 'Width' set to 420. There is an 'Update Map' button. The 'Font size' field is empty. The 'Update Legend' button is present. Two 'Resize Nota Bene for Maps' sections are shown, both with 'Disabled' selected via radio buttons.

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

General

Maps

Footnotes

Stored footnotes

Defined as "In this reporting period, an area at the 3rd sub-national administrative level reporting cases for the first time ever"

Defined as "Number of people living in 3rd sub-national administrative level endemic areas"

Defined as "In this reporting period, an area at the 2nd sub-national administrative level reporting cases for the first time ever"

Defined as "Number of people living in 2nd sub-national administrative level endemic areas"

Defined as "In this reporting period,

Footnotes page 1

1 Defined as "In this reporting period, an area at the 3rd sub-national administrative level reporting cases for the first time ever"

2 Defined as "Number of people living in 3rd sub-national administrative level endemic areas"

3 Relapse in this country is defined as: "a patient who experiences recurrence of VL symptoms with parasitological confirmation at any time point after initial cure"

Footnotes page 2

4 Failure in this country is defined as: "signs and symptoms persist or recur during treatment or up to initial treatment outcome assessment"

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 country¹) 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).

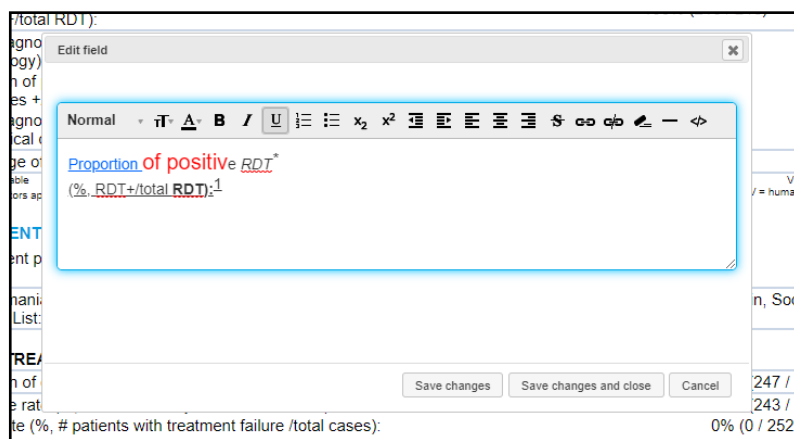
| | |
|--|---------------|
| Age group <15/> 14 years, %: | - / - |
| Life expectancy at birth in years (F/M): | N/A / N/A |
| Number of 1st sub-national administrative level divisions, name: | 6, Central |

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.



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

Was there any outbreak?¹
Number of new foci:²
N/A not applicable

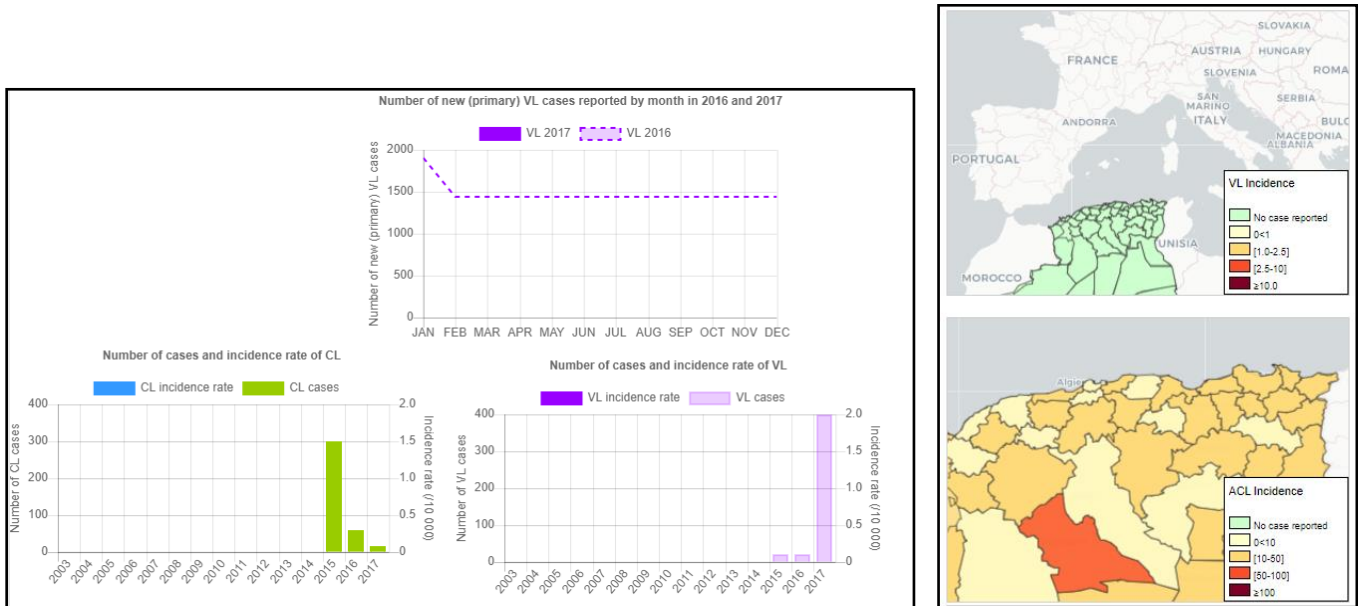
¹ Currently, that's only valid when data comes directly from dataElements and not from DHIS2 indicators.

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

4. Source of information in country profile sections

4.1. 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. | | |

4.2. 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 | | | | | | | |

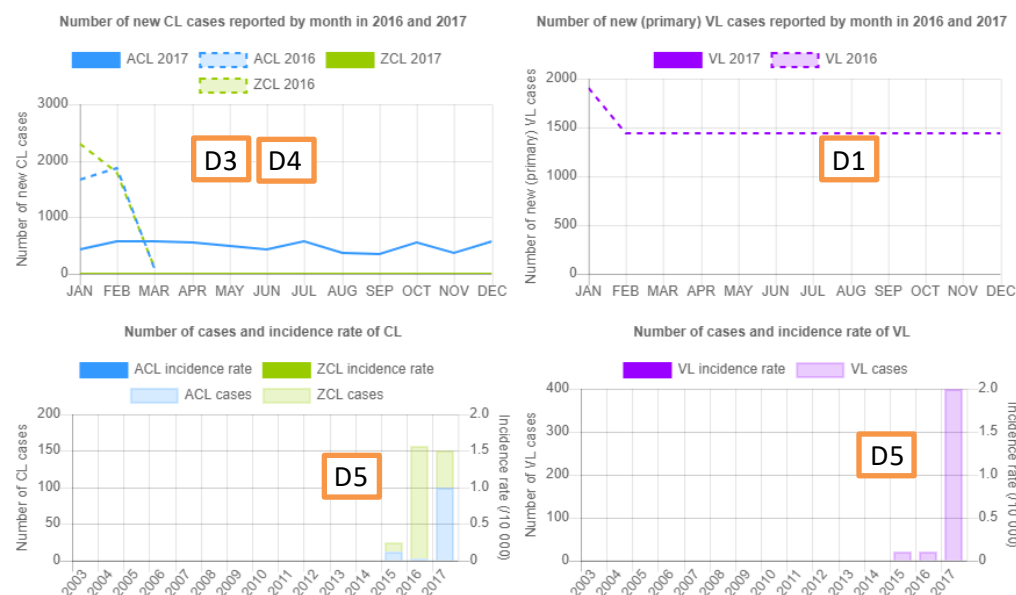
See detailed descriptions on table on next page. Codes are used when possible. Names or names and UIDs otherwise.

| 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 - 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="FaYhAikLX16" name="New, Male" id="GpQZH8hC7jY" name="Type unspecified, Female" id="wGED4K5Bs37" name="Type unspecified, Gender Unknown" id="zkkbllarKWM" name="Type unspecified, Male" id="aWWYWv6buzp" LCPG shows - 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" | |
| | 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="dVuOzmU4xbl" 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="nlbrdHlIMKh" | |
| | 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" name="5 to 14 y" id="moktBQGym51" name="Age Unknown" id="gPGNI7bWhDB" name="Under 5y" id="HDXcEOGT2s1" | |
| | DS_CL_Detailed_Monthly | MCL_EPID_age | | |
| | DS_CL_Simple_Annual DS_CL_Detailed_Annual | | | |
| 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 show s 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 CODE HERE 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 '-' 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_new focus | default | N/A for PKDL and MCL. |
| | DS_CL_Detailed_Annual DS_CL_Simple_Annual | CL_GEN_EPID_new focus | | |
| | DS_ACL/ZCL_Detailed_Annual | ACL_GEN_EPID_new focus ZCL_GEN_EPID_new focus | | |

4.3. 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)

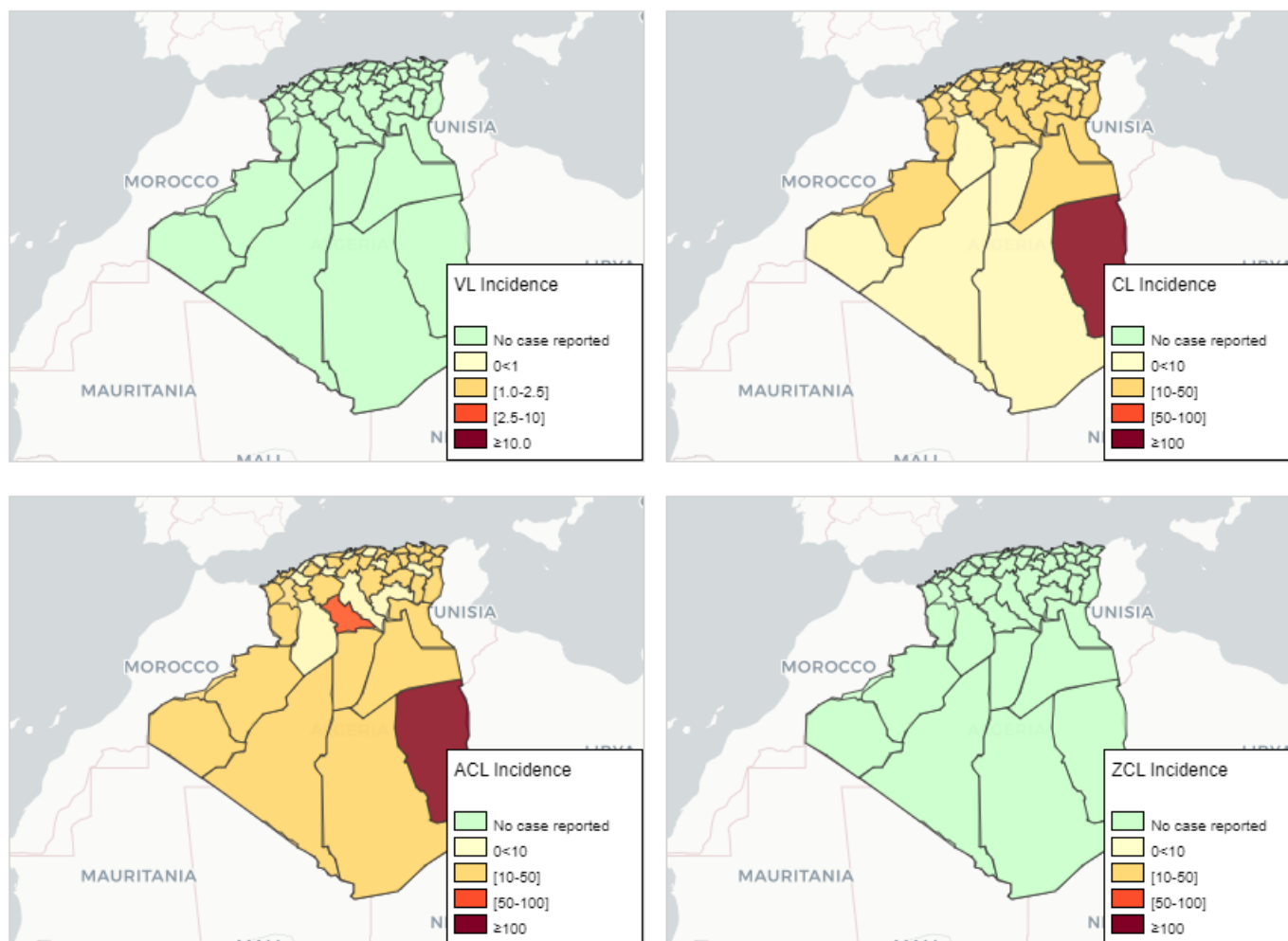
| INDICATOR | Numerator | den | Comments |
|------------------------|--|-----|--------------------------|
| IA_VL_EPI_NEWUNSP_INT | VL_EPI_Type New + VL_EPI_Type Type unspecified | 1 | indicatorType: number |
| IA_CL_EPI_NEWUNSP_INT | CL_EPI_Type New + CL_EPI_Type Type unspecified | | |
| IA_ACL_EPI_NEWUNSP_INT | 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 | | |

4.4. 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 |

4.5. 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 DS_VL_Detailed_Annual | CL_GEN_Surv_Type VL_GEN_Surv_Type | Converts codes into texts: 1: Vertical 2: Integrated 7: Other 8: Non-applicable 9: Unknown |
| 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 VL_GEN_Guidelines_year | CL_GEN_Guidelines_year VL_GEN_Guidelines_year | It shows "No data" when no entry found in the system. |
| G6 | DS_CL_Detailed_Annual DS_ACL/ZCL_Detailed_Annual DS_VL_Detailed_Annual | CL_GEN_Surv_Notif VL_GEN_Surv_Notif | Converts codes into texts: 1: Yes 2: No 9: Unknown |
| 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 VL_GEN_Surv_HF | It shows "No data" when no entry found in the system. |

4.6. 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 HIV = human immunodeficiency virus * These indicators apply only for primary VL cases RDT = rapid diagnostic test | | | | | | | |

| CODE | DataSet | DataElement / Indicator | CatCombos / Comments | |
|------|-----------------------------|--|---|--|
| H1 | DS_VL_Detailed_Annual | VL_SCREEN_active | | N/A for PKDL and MCL |
| | DS_CL_Detailed_Monthly | CL_SCREEN_active | | |
| | DS_CL_Detailed_Annual | | | |
| | 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 | NTD_LSH_CL_SCREEN_passive_I | The related DE is not assigned to the dataset ! | |
| | DS_CL_Detailed_Annual | | | |
| | 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 | IA_CL_directExam_diagCases | | |
| | DS_ACL/ZCL_Detailed_Monthly | | | |
| | 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 | IA_CL_positiveSlides_PROP | | |
| | DS_ACL/ZCL_Detailed_Monthly | | | |
| | 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) |

4.7. 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 | | |
| I3 | Proportion of cases treated (% , # treated cases/ total cases): | VL 98% (247 / 252) CL N/A ACL N/A ZCL 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 |

| CO DE | 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 | VL_TREAT_completed / IA_VL_EPI_NEWUNSP_INT | |
| | DS_CL_Detailed_Annual | CL_TREAT_completed / IA_CL_EPI_NEWUNSP_INT | |
| | DS_ACL/ZCL_Detailed_Annual | NTD_LSH_ACL_TREAT_completed_I NTD_LSH_ZCL_TREAT_completed_I / IA_ACL_EPI_NEWUNSP_INT 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_ACL_ITO_failureRate IA_NTD_CL_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 |

