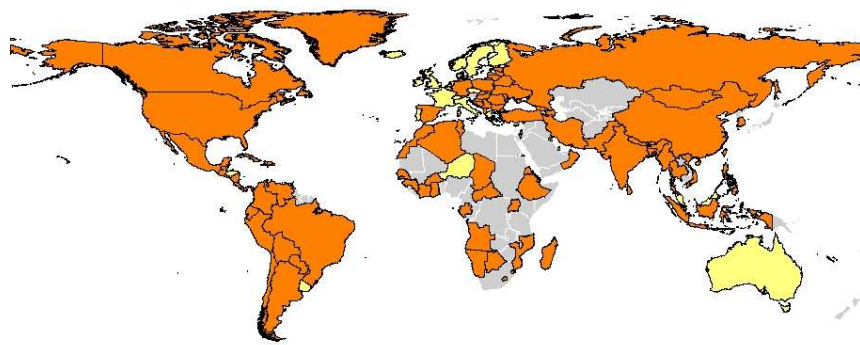


RABNET user manual



An interactive rabies information database and mapping system

INTRODUCTION

The World Health Organization (WHO) has been collecting data on human and animal rabies since 1959 through the World Rabies Survey (WRS) questionnaire. In the late nineties WHO decided to change from paper to internet-based rabies data collection.

To collect, process and display data, WHO developed RabNet as an interactive and information mapping system, based on a database and the WRS as an online data entry document. The data made available by WHO member states cover the following areas:

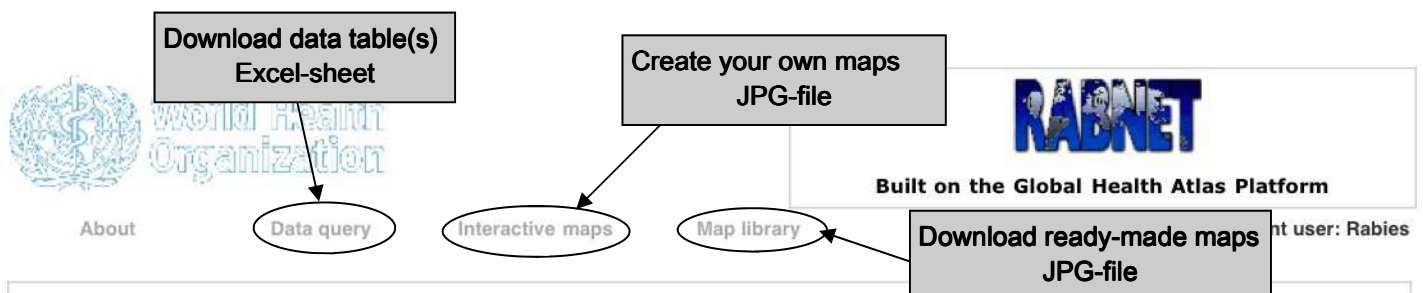
- Presence/ absence of rabies
- Human rabies
 - *Number of human deaths*
 - *Human death according to animal species source of exposure*
 - *People bitten by suspected dogs*
- Animal rabies
 - *Total number of dog cases*
 - *Total number other domestic cases*
 - *Total number of wild animal cases*
 - *Total number of bats cases*
- National rabies vaccine production and importation
 - *Veterinary vaccine according to vaccine types*
 - *Human vaccine according to vaccine types*
 - *Human rabies immunoglobulin*
- Rabies vaccine administration
 - *Dogs vaccination*
 - *Human vaccine application - Post-exposure treatment*
 - *Number of patients treated according to vaccination regimen*
 - *Number of persons receiving treatment according to animal species source of exposure*

In the following sections a step-to-step introduction is given on how to retrieve this information through the internet platform RabNet. Please note also, that **NO** username and password are needed to access data available on RabNet. Comments in **red** are action topics, comments in **grey** for information only.

Rabnet homepage: <http://www.who.int/rabnet>

WHAT TO DO WITH RABNET

There are two options to retrieve rabies data from RabNet. One is by creating a table with the data of interest, which can be downloaded as an excel[®] file. To do this, please click on “data query” (see section 1, page 4). The other option are maps, either ready– or self-made. Ready-made maps can be found in the map library. To create your own map, please use the interactive maps function (see section 2, page 8).



Since 1959 The World Health Organization has collected data on human and animal rabies from its member States using the World Rabies Survey (WRS) questionnaire. In the late nineties we added to the paper version of the questionnaire sent by surface or airmail, an web-based electronic version accessible through Rabnet.

With the current version of RabNet (Version 2) worldwide rabies data can be accessed and downloaded as excel files. Additionally, interactive global or country rabies maps can be created with the possibility to link rabies data to a broad range of country-specific indicators (population, education and health services), providing a more comprehensive picture of the situation in various geographical areas. Finally a library of ready-made maps, rabies related documents and details of the WHO network of collaborating centres on rabies are available. **To access and process data no username and password are required.**

To enter or update country-related rabies data, the "data questionnaire" can be accessed and data punched in online. Once validated, data is automatically transferred into RabNet for your immediate access and processing. **A username and a password is required to have access to the online questionnaire.**

For further information, problems with the system, or to get a username and password (only for WHO rabies focal points), please contact us: rabnet@who.int

OPTION 1: Data Query

Creating a downloadable table as an Excel® file

Setting up your table

STEP 1

By clicking on “data query” the following page will show up.

The screenshot shows the WHO Data Query interface. At the top left is the WHO logo and 'World Health Organization' text. At the top right is the 'RABNET' logo and 'Built on the Global Health Atlas Platform' text. Below the logos are navigation links: 'About', 'Data query', 'Interactive maps', 'Map library', 'Login', and 'Current user: Rabies'. The main content area is divided into four steps:

- 1. Choose from the available categories, topics, and/or sub-topics in order to search the available items**
 - Select a category:** A dropdown menu showing 'Communicable Diseases'. A red oval highlights this menu, and a red box to its right contains the text 'No change needed'.
 - Select a topic:** A dropdown menu showing 'Please select'.
 - Select sub-topics:** A dropdown menu showing 'No sub-topics are available based on the category and/or topic selec'. A black oval highlights this menu, and a grey box to its right contains the text 'Your indicators'.
- 2. Choose geographical area**
 - Select by:** A dropdown menu showing 'World'. A black oval highlights this menu.
 - Available*:** A list box containing 'All Countries', 'Afghanistan', 'Albania', and 'Algebra'. A black oval highlights this list.
 - Buttons:** 'Add >>' and '<< Remove' buttons are visible.
 - Selected*:** An empty text box.
 - A grey box to the right of the 'Available*' list contains the text 'Choose your country/ region of interest'.
- 3. Choose administrative level**
 - Administrative levels:** A dropdown menu showing 'By Country'.
- 4. Choose time period**
 - From:** A dropdown menu showing '2008'. A black oval highlights this menu.
 - To:** A dropdown menu showing '2008'. A black oval highlights this menu.
 - A grey box to the right of the 'From' dropdown contains the text 'Choose the timeframe'.

At the bottom center is a 'Submit Request' button.

On the first page the indicators for your table(s) can be selected. You can find here several scroll-down boxes, where you need to choose the indicators for which the programme should search the database. Concerning the “category” section, no change is needed. Please proceed from top to down.

STEP 2

Select “rabies” from the scroll bar as your topic (only rabies is possible).

1. Choose from the available categories, topics, and/or sub-topics in order to search the available

Select a category

Select a topic

Select a sub-topic

[Data summary](#)

By clicking here, you will receive a summary of all the data available

STEP 3

Select a sub-topic (see page 2 for the list of options). Once selected, two new boxes will appear below with several items as indicators. Select one or more items and click “add” once at a time. Added items will appear in the right box. By selecting “add all” all items of the sub-topic will be added. By selecting an indicator in the right box and clicking on “remove”, the indicator will be deleted from you selection.

1. Choose from the available categories, topics, and/or sub-topics in order to search the available items

Select a category

Select a topic

Select a sub-topic

[Data summary](#)

Select items (one or more)

Add all
Presence of rabies -> Total

Add >>

<< Remove

Selected items

No items have been selected

Select a sub-topic

Select items as your indicators

Select items (one or more)

Add all
Presence of rabies -> Total

Add >>

<< Remove

Selected items

Remove all
Presence of rabies -> Total

For each item that was selected here the programme will later on create a table.

STEP 4

After selecting indicators, the next step is to define the geographical area. Either you select different countries of interest by clicking on the countries in the “available” box and click on add, or you select a whole continent or WHO Region with “All Countries of ‘Region/Continent’”. A country can also be removed by clicking on the country in the “selected” box and on the “remove” button.

2. Choose geographical area

Select by: World, Continent, WHO Region

WHO Region: AFRO, EMRO, EURO, PAHO

Available*: All Countries of EURO

Add >>

<< Remove

Selected*: Albania, Andorra, Armenia, Austria

*Countries, areas, and territories

3. Choose administrative level

Please select from available administrative levels: B

4. Choose time period

Year

From: 2006

To: 2006

OR Latest available data

Submit Request Reset

Click either on “all countries” or on the country you want to select and then on add

STEP 5

When it comes to the administrative level, it is best to leave it with “by country”, as until recently not a lot of data is available on “administrative level 1”.

3. Choose administrative level

Please select from available administrative levels: By Country

4. Choose time period

Year

From: 2006

To: 2006

OR Latest available data

Submit Request Reset

Most of the data is available on country level

STEP 6

The last step before you can submit your request is to choose the time period. Select the timeframe by scrolling down and selecting the year you are interested in. By selecting “latest available data”, only the most recent data for each country, area or territory will be displayed in the table. Finally, click on “submit request”.

4. Choose time period

Year

From: 2003

To: 2006

OR Latest available data

Submit Request Reset

Annotations:

- Red circles around the 'From' and 'To' dropdown menus with a red arrow pointing to them and the text: "Scroll down and select".
- A grey box with the text: "By selecting this function only the latest data available in the database will be shown in your table" pointing to the 'Latest available data' checkbox.
- A red circle around the 'Submit Request' button with a red arrow pointing to it and the text: "Click here and the programme will generate your table(s)".

DOWNLOADING THE TABLES

Once the programme has generated the tables, you can click on “export to Excel”, which will open an excel file with your tables that can be saved on your computer. Further, you can

World Health Organization

RabNET
Built on the Global Health Atlas Platform

About Data query Interactive maps Map library Login Current user: Rabies

Change Parameters Link to this page

Results

Output: Mapping Charting Filter Results **Export to Excel**

Pivot table By Variable Variables by row and time periods by column Geographical areas by row and variables by column

Communicable Diseases -> Rabies -> 1. Presence/absence of rabies -> Presence of rabies -> Total
(Periodicity: Year, Applied Time Period: from 2003 to 2006)

	2003	2004	2005	2006
Albania	1	1	1	n/a
Austria	1	1	0	1
Belarus	1	1	1	1
Belgium	0	0	0	0
Bosnia and Herzegovina	1	1	1	1

Annotations:

- A grey box with the text: "Create a map or a chart with the data in the tables, or filter your results" pointing to the 'Mapping', 'Charting', and 'Filter Results' buttons.
- A red circle around the 'Export to Excel' button with a red arrow pointing to it and the text: "Click here to save table as an excel file".

OPTION 2: Interactive maps

Creating customized maps as JPG-files

When clicking on “map library” the following page opens:

On the right hand side, you can see the map of the world, with a toolbar to zoom in or out of specific areas in the map, or to identify certain regions.

On the left hand side, the legend and several options to change and adjust the map to your convenience:

- To choose specific parts of the world, click on “locations”
- To colour the map with the indicators you are interested in, click on “indicators”
- When you have selected different indicators, you can choose which one should be shown on the map via clicking on “layers”
- To see the legend, click on “legend” (which is the default set when opening the page)

STEP 1

When clicking on “indicators” the topic “communicable diseases” appears. Click on the “+” and “rabies” appears. Extend the rabies sub-topic and choose the item you are interested in, by clicking on the “+”. Then choose the indicator you want to have displayed on the map.

Location Indicators Layers Legend Reset

Using the treeview below, choose an indicator in order to view the items which can be added to the map. Close all Open all

- [-] Communicable Diseases
 - [-] Rabies
 - 1. Presence/absence of rabies**
 - Presence of rabies**
 - [+] 2. Human rabies
 - [+] 3. Animal rabies
 - [+] 4. National rabies vaccine production and importation
 - [+] 5. Rabies vaccine administration

Choose topic, sub-topic, and indicator for the map once at a time.

STEP 2

By choosing an indicator a pop-up window comes up, where you first have to choose the administrative level, which is “by country”. After that you can choose the year of interest. The other parameters, the subgroup “total”, does not need to be changed. To finally create the map, click on the button “add layer to map”.

RABNET X

Choose parameters for:
Presence of rabies

Choose an administrative level:
By Country Choose “by country”

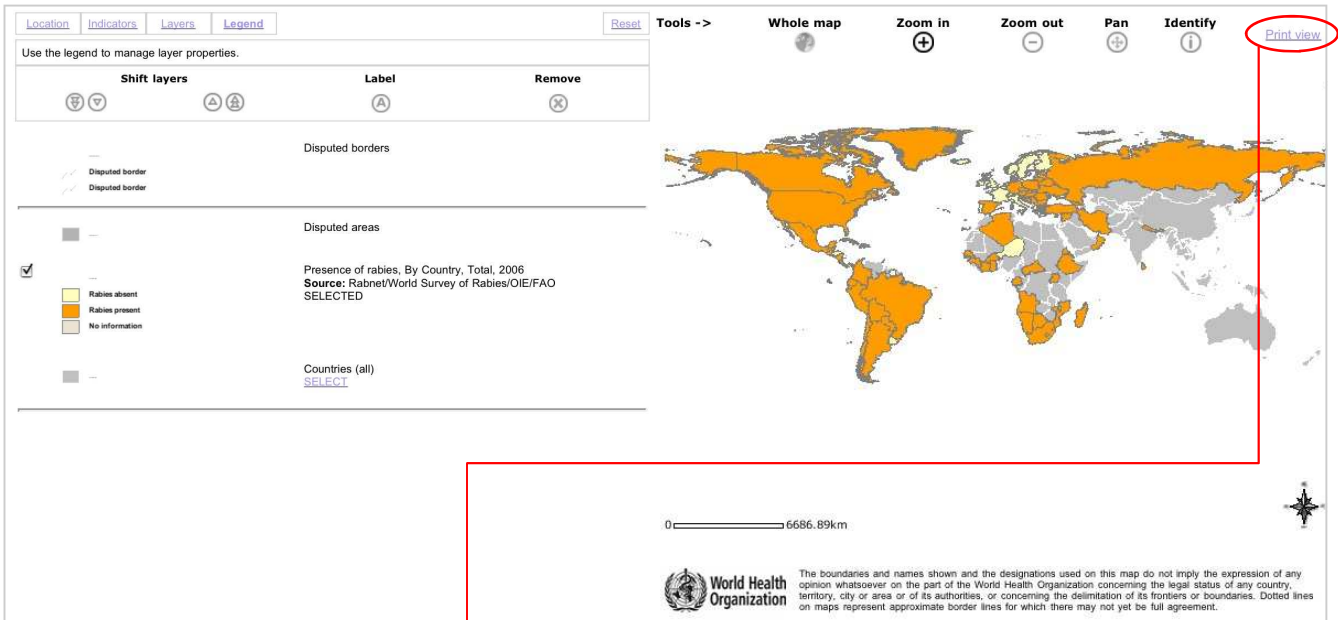
Choose a subgroup:
Total Don't need to be changed

Choose a period:
Year: 2006 Choose year of interest

Add layer to map > Click here to create the map

STEP 3

You can download the map as a jpg file, either by selecting “save as picture” with a right mouse click, or by clicking on “print view”. By doing so, a pop-up window will appear and the map together with the legend will be ready to be saved onto your computer.



Click on print preview and a pop-up window will come up. Here you can save the map together with the legend.

