



# Global Alliance for Rabies Control

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# REB

Rabies Epidemiological Bulletin

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The Rabies Epidemiological Bulletin (REB) is a web-based rabies surveillance system currently used in more than 46 countries globally. The REB has been designed for countries to improve their surveillance and is completely free to use. The data entered into the system remains the property of the government.



Web-based system



Comprehensive



Government owned



One Health-driven



Free to use



Facilitates reporting



Automatically  
creates maps, graphs,  
tables



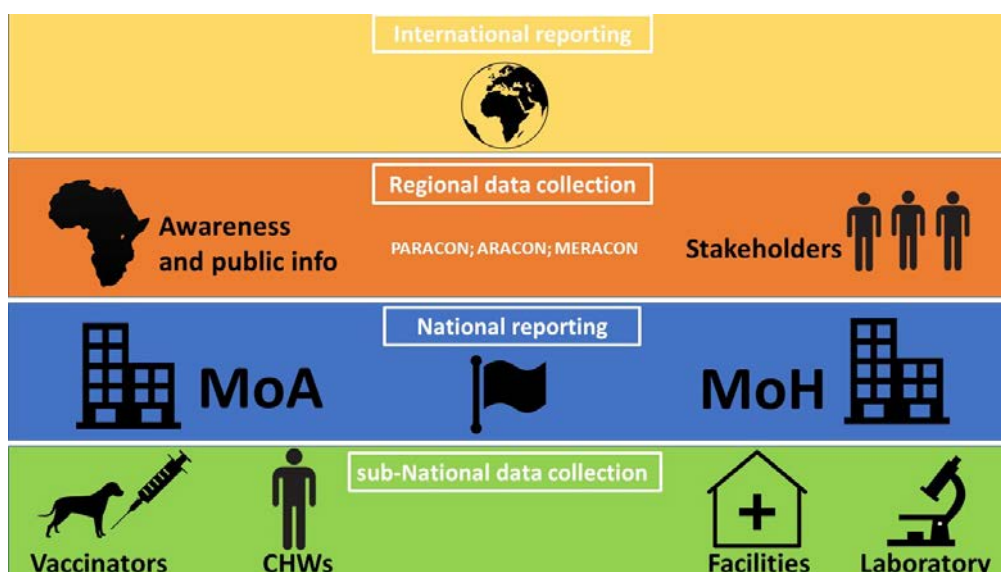
Sub-national rabies  
surveillance



Rabies dedicated



Customizable



The REB has 4 specialised components that fill specific needs for rabies surveillance. The specialised components are as follows:



# RABIES VACCINATION TRACKER COMPONENT

Used by: Animal vaccinators

The Rabies Vaccination Tracker (RVT) component facilitates tracking and planning of strategic mass dog vaccination campaigns in real-time. Data can be captured through the mobile app or through the GARC Data Logger to track each dose of vaccine during a mass dog vaccination campaign



Mobile app compatible



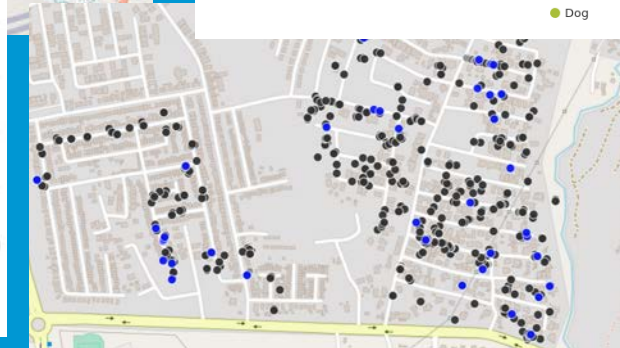
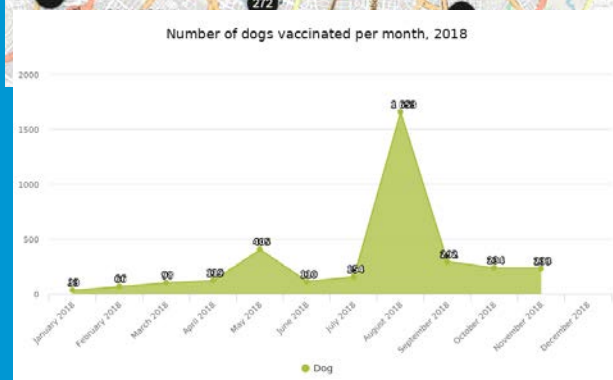
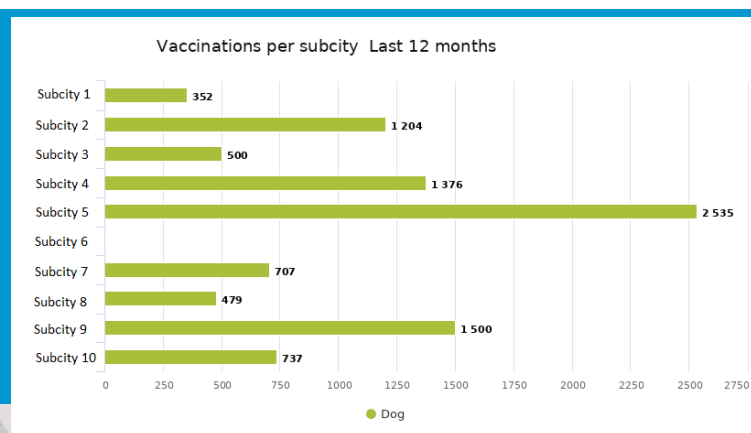
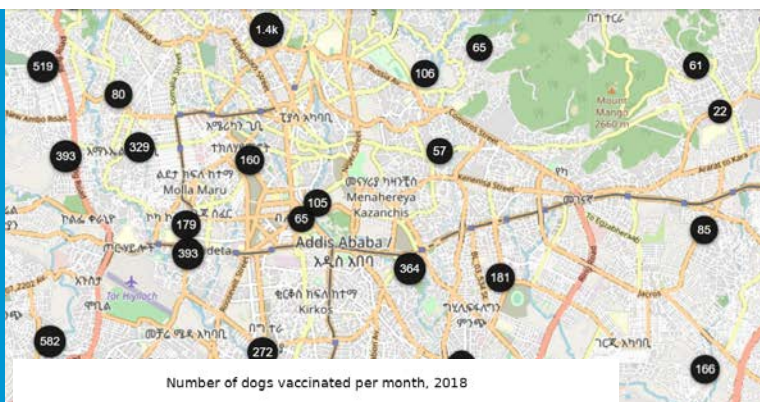
Computer compatible

## What it does

- Planning vaccination campaigns
- Tracking “static point” vaccination campaigns
- Tracking “door-to-door” vaccination campaigns

## Outputs

- High-resolution maps
- Street-level data resolution
- Informative graphs
- Vaccination coverage estimates
- Ability to track vaccinator efforts



# 2

# RABIES CASE SURVEILLANCE COMPONENT

Used by: Laboratories and for in-field diagnosis

The Rabies Case Surveillance (RCS) component works specifically with data generated through disease diagnosis – whether in-field diagnosis or in laboratories. Positive and negative results can be entered directly into the system and are immediately (and automatically) mapped to help identify rabies hotspots.



Mobile app compatible



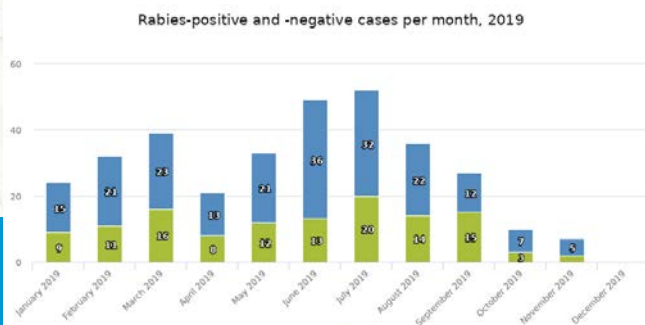
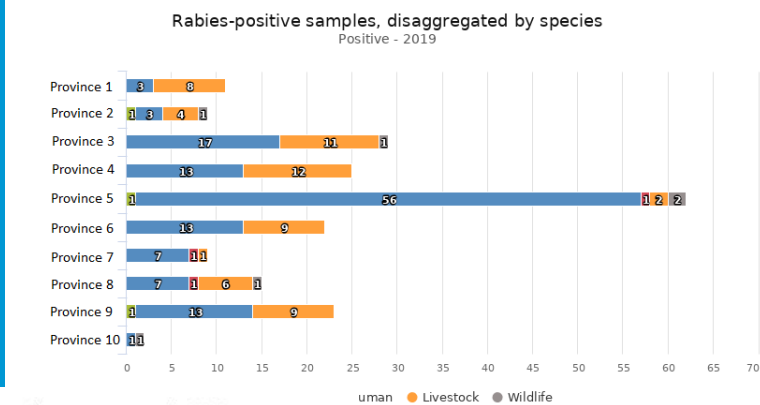
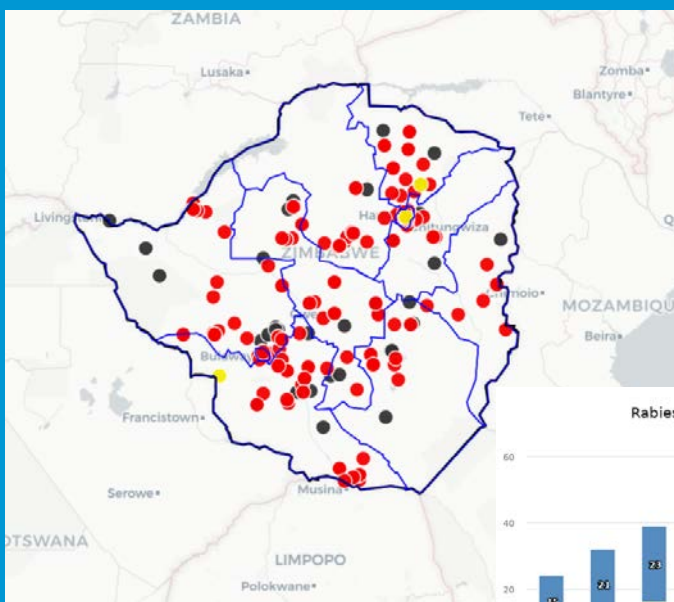
Computer compatible

## What it does

- Easily create maps of positive and negative cases
- Easily identify rabies hotspots
- Ability to direct vaccination and intervention efforts

## Outputs

- High-resolution maps
- Informative graphs
- Collated laboratory data
- Laboratory sample database





# RABIES TREATMENT TRACKER COMPONENT

Used by: Health facilities

The Rabies Treatment Tracker (RTT) component is designed for use in health facilities. The RTT tracks bite patients and exposed humans throughout their treatment. This includes vaccination compliance to ensure that exposed people receive their full, life-saving course of treatment.



Mobile app compatible



Computer compatible

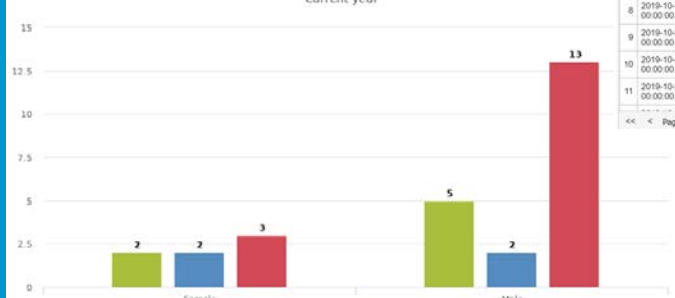
## What it does

- Tracks bite victims
- Tracks PEP usage
- Tracks PEP compliance
- Patient follow-up
- Immediate alerts and notifications

## Outputs

- Patient and staff notifications
- High-resolution maps
- Informative graphs
- Automated calculations of critical indicators
- WHO-compliant

Number of exposures disaggregated by sex  
Current year



#	Event date	Organisation unit	Patient File number	Wound category	Antibiotics provided	Tetanus treatment	Wound washing (Home)	Wound washing (Clinic)	Health worker ID
1	2019-11-27 00:00:00	Testing_Central	Testing@234	Category III (single or multiple transdermal bites or scratches, licks on broken skin, contamination of mucous membrane with saliva from licks, contacts with bats.)	Yes	Yes	No	Yes	HW#6892396
2	2019-11-21 00:00:00	Testing_Central	PF#5010413A	Category III (single or multiple transdermal bites or scratches, licks on broken skin, contamination of mucous membrane with saliva from licks, contacts with bats.)	Yes	Yes	No	Yes	HW#7272722
3	2019-11-21 00:00:00	Testing_Central	File#782161	Category I (touching or feeding animals, licks on intact skin)	N/A	N/A	No	Yes	HW#2346235
4	2019-11-20 00:00:00	Testing_Central	File#7694	Category III (single or multiple transdermal bites or scratches, licks on broken skin, contamination of mucous membrane with saliva from licks, contacts with bats.)	Yes	No	Yes	Yes	HW#A45621
5	2019-11-18 00:00:00	Testing_Central	File#11245	Category I (touching or feeding animals, licks on intact skin)	N/A	N/A	Yes	Yes	HW#190A
6	2019-11-12 00:00:00	Testing_Central	#2350784	Category I (touching or feeding animals, licks on intact skin)	N/A	N/A	No	Yes	Staff#1234
7	2019-11-12 00:00:00	Testing_Central	#4679381	Category III (single or multiple transdermal bites or scratches, licks on broken skin, contamination of mucous membrane with saliva from licks, contacts with bats.)	Yes	Yes	No	Yes	Staff#12345
8	2019-10-31 00:00:00	Testing_Central	hw262	Category III (single or multiple transdermal bites or scratches, licks on broken skin, contamination of mucous membrane with saliva from licks, contacts with bats.)	Yes	Yes	Yes	Yes	HW#1234
9	2019-10-25 00:00:00	Testing_Central	ZAF_1289742	Category II (nibbling of uncovered skin, minor scratches or abrasions without bleeding)	Yes	Yes	Yes	Yes	HP_1234
10	2019-10-25 00:00:00	Testing_Central	313113	Category I (touching or feeding animals, licks on intact skin)	N/A	N/A	No	Yes	HP_235521234
11	2019-10-25 00:00:00	Testing_Central	ZAF_22151215251	Category II (nibbling of uncovered skin, minor scratches or abrasions without bleeding)	Yes	Yes	Yes	Yes	HW#4242624





# 4

# COMMUNITY-BASED RABIES SURVEILLANCE COMPONENT

Used by: Health facilities, animal health professionals, Community Health Workers

The Community Based Rabies Surveillance (CBRS) component is a comprehensive integrated bite case management program that focuses on creating a direct link between the suspect animal and potential bite victims at the community-level.



Mobile app compatible



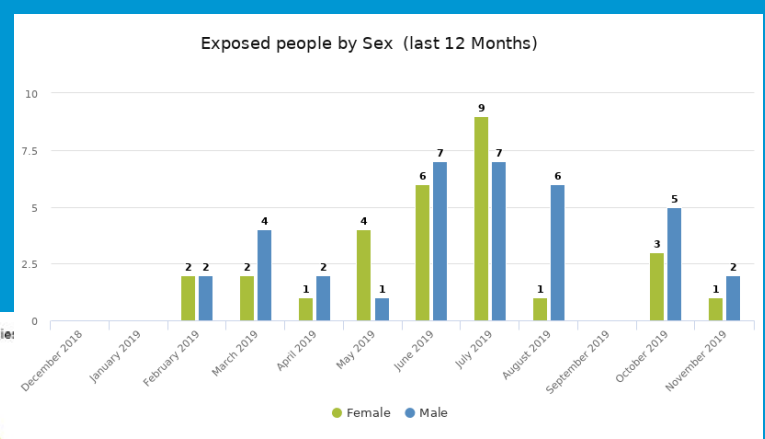
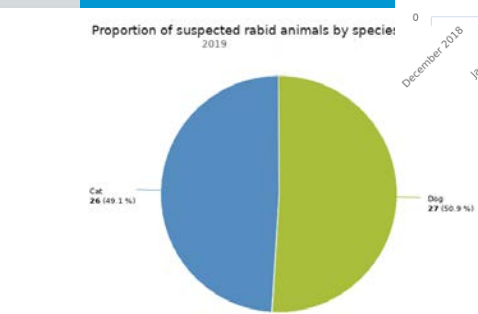
Computer compatible

## What it does

- Comprehensive Integrated Bite Case Management
- Tracks bite patients
- Tracks PEP compliance
- Follows laboratory diagnostic results
- Direct human-animal links

## Outputs

- Automated alerts for all users
- Patient follow up and compliance alerts
- High-resolution maps
- Informative graphs
- Automatic analyses
- WHO-compliant



FOR MORE INFORMATION  
VISIT THE GARC WEBSITE



[https://rabiesalliance.org/capacity-  
building#surveillance-tools](https://rabiesalliance.org/capacity-building#surveillance-tools)

