

Rabies Epidemiological Bulletin

By Terence Scott

On behalf of the Global Alliance for Rabies Control (GARC)



www.rabiesalliance.org

Data-Driven Decision Making Process



Data



Reporting



Analysis



Actionable
Items

samanage

Data-Driven Decision Making Process



Data



Monitoring and Reporting

- 19 (86%) of 22 countries have some type of monitoring system for tracking patients receiving PEP, or for monitoring vaccine stock
 - At least 6 (32%) of these countries reported that tools are not standardized, their use is not enforced, or is limited to selected health facilities only
 - Variables collected vary by country, and in some cases by health facility within a country
- 9 (41%) of 22 countries have regular mandatory weekly, monthly or quarterly reporting on rabies vaccination



Data-Driven Decision Making Process



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$$7 \times 7 = 49$$

$$7 \times 8 = 56$$

Data-Driven Decision Making Process



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Data-Driven Decision Making Process



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What is the REB?

- Dedicated, One Health, rabies surveillance system
 - Data collection, analysis and reporting
 - Feedback mechanisms
 - Animal and Human rabies surveillance
- Freely available
- Surveillance on all levels
 - National
 - Local
 - International



Global Alliance for Rabies Control

PARACON

Pan-African Rabies Control Network



International reporting



Regional data collection



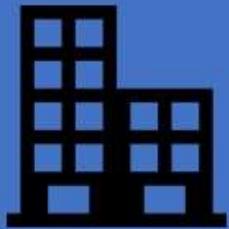
Awareness
and public info

PARACON; ARACON; MEEREB

Stakeholders



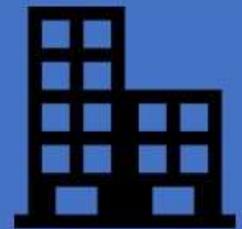
National reporting



MoA



MoH



sub-National data collection



Vaccinators

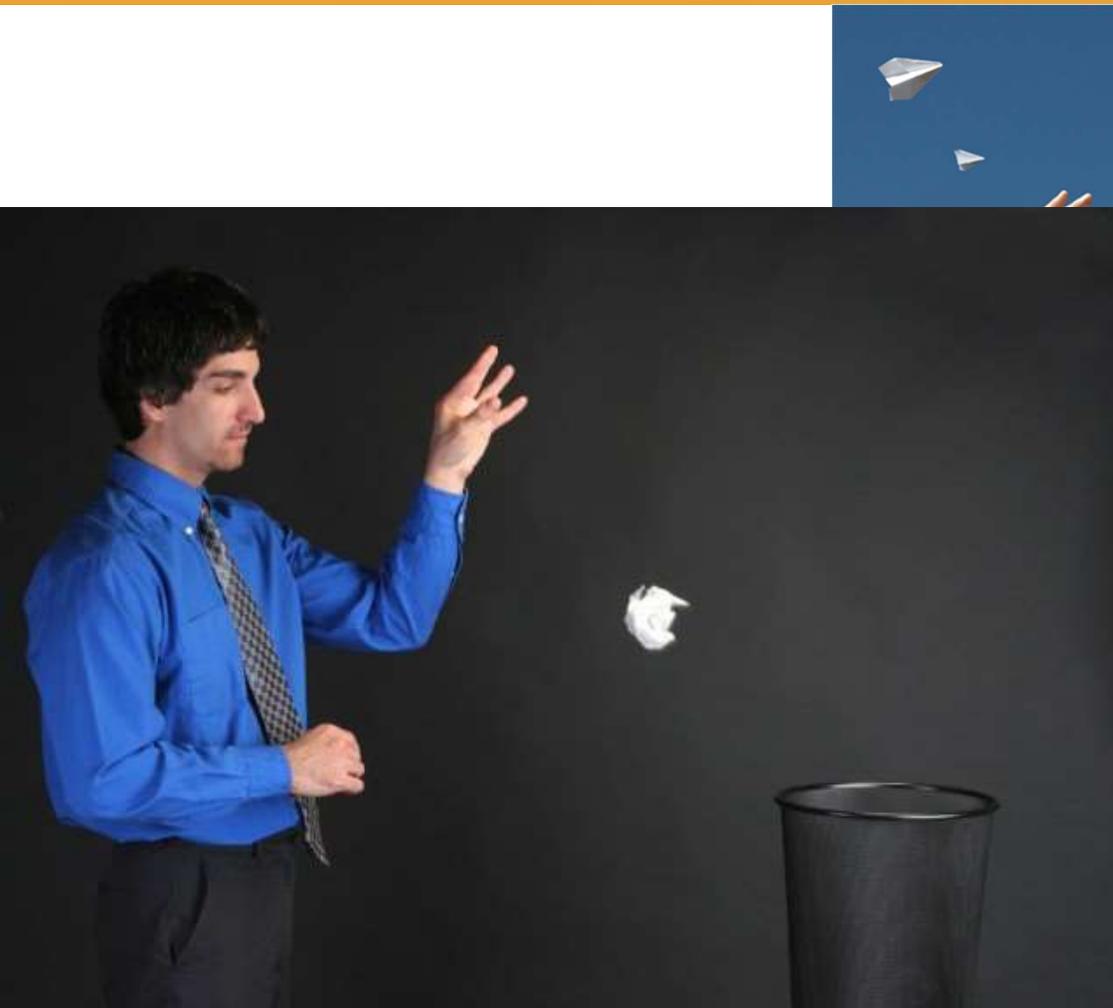


CHWs



Facilities

Data reporting... data reporting...



Data reporting

- The system assists with data reporting
- BUT, this is **NOT** the main function of the system
 - It is not designed to be a reporting database
- The system is designed **for use by the country** for their own surveillance

Data reporting

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- BUT, this is **NOT** the main function of the system
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- The system a

- BUT, this is N

- The system is surveillance

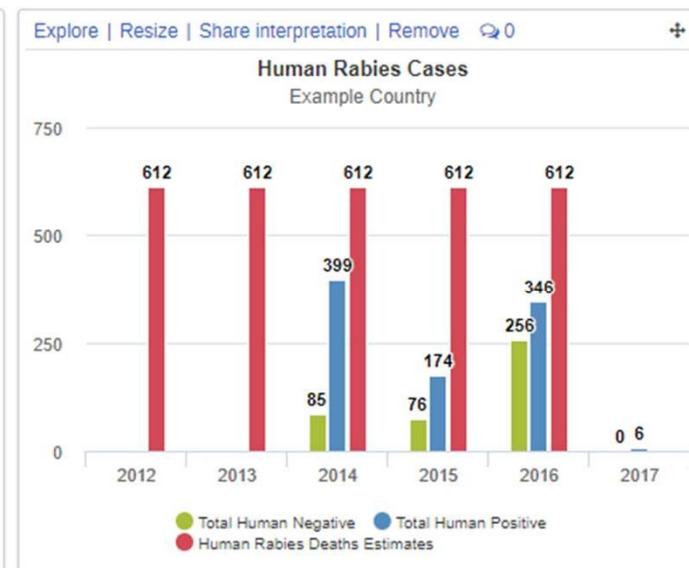
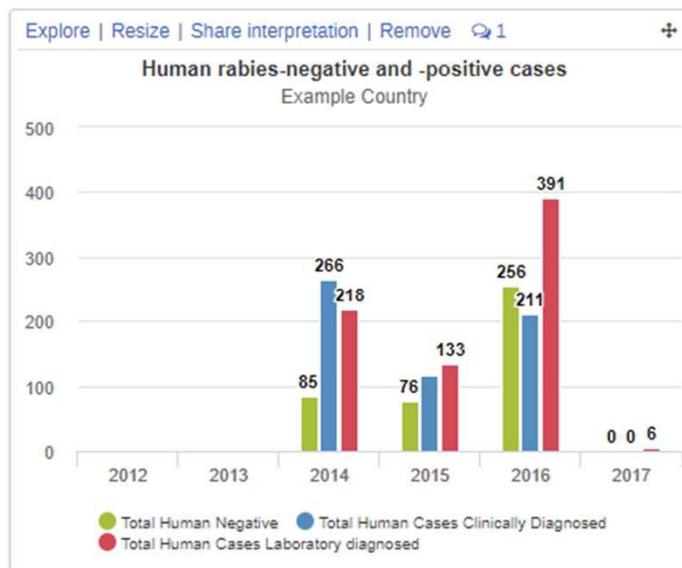
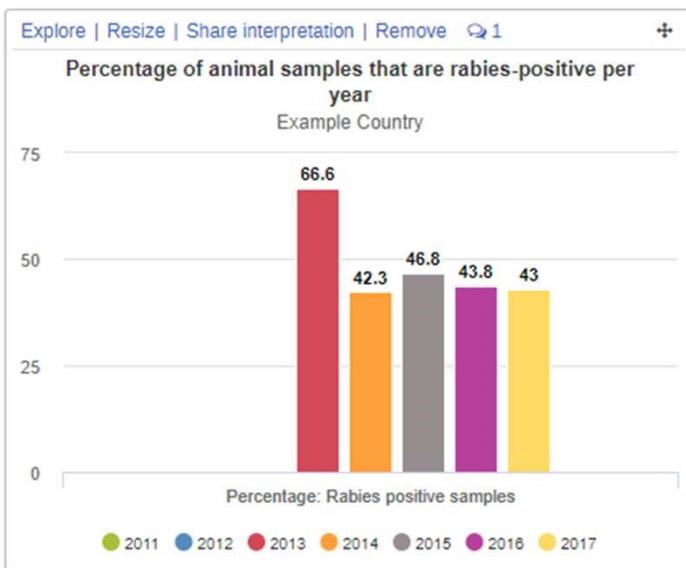


- The system is surveillance

their own

The Bulletin is for YOU

Current features



Current features

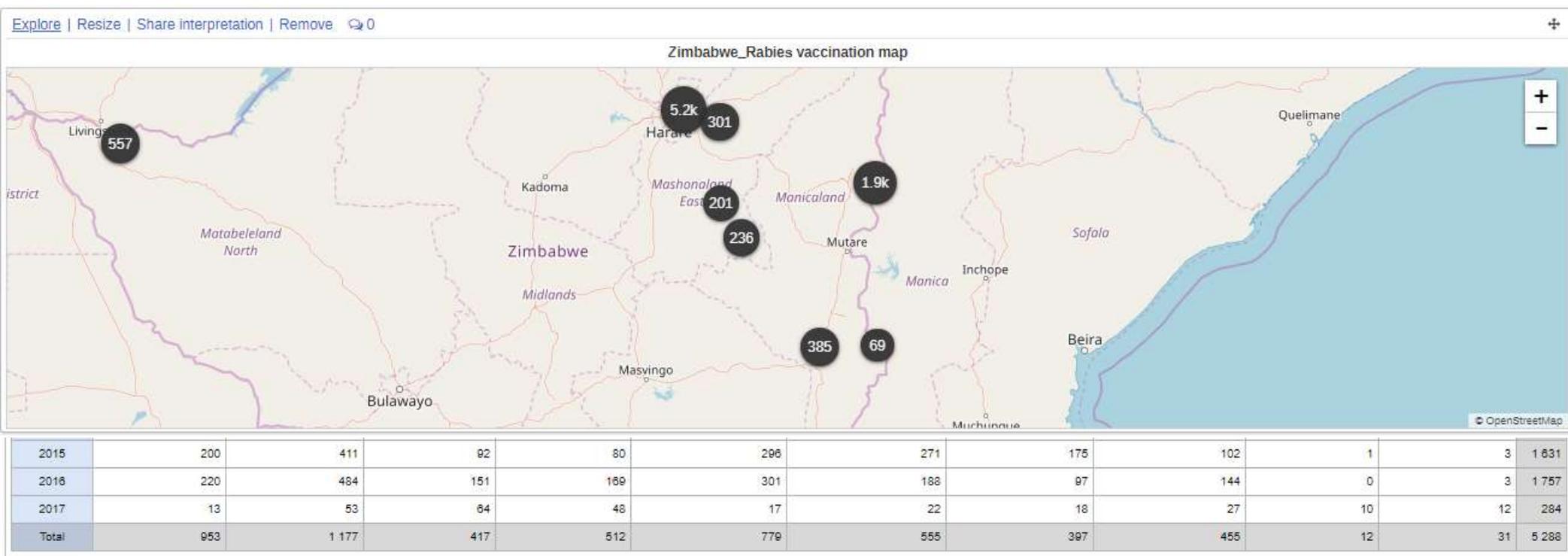


Explore | Resize | Share interpretation | Remove 0

Overview of diagnostic surveillance in Example Country

Example Country											
Period / Data	Dog Rabies Positive Samples	Dog Rabies Negative Samples	Cat Rabies Positive Samples	Cat Rabies Negative Samples	Livestock Rabies Positive Samples	Livestock Rabies Negative Samples	Wildlife Rabies Positive Samples	Wildlife Rabies Negative Samples	Bat Rabies Positive Samples	Bat Rabies Negative Samples	Total
2009	56	0	5	0	0	0	0	0	0	0	61
2010											
2011											
2012											
2013	320	75	45	30	100	43	40	101	0	4	758
2014	144	154	60	185	65	31	67	81	1	9	797
2015	200	411	92	80	296	271	175	102	1	3	1 631
2016	220	484	151	169	301	188	97	144	0	3	1 757
2017	13	53	64	48	17	22	18	27	10	12	284
Total	953	1 177	417	512	779	555	397	455	12	31	5 288

Current features



Current features

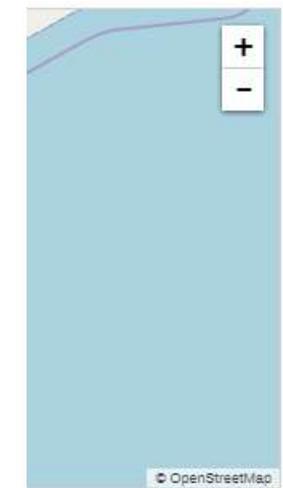
Annual Report: Veterinary Sector

Vaccine Data	
Question	Response
How many viable doses of vaccines were leftover from last year?	1970
NOTE: Please consider the previous year's report to determine unused vaccines	
How many doses of animal vaccines were donated to the government this year?	25000
How many doses of animal vaccines were purchased this year by the government?	175320
How much did it cost to buy these animal vaccines (USD)?	105000
Cost per dose of vaccine (USD)	0.6
How many animal vaccines were administered/distributed this year by the government?	175320
Number of animal vaccines remaining in stock	26970

Explore | Resize | S



2015	
2016	
2017	
Total	



3	1 631
3	1 757
12	284
31	5 288

Current features

2018-07-24	2018-09-03	Dog	Male	Adult	
2018-07-24	2018-09-03	Dog	Female	Adult	
2018-07-24	2018-09-03	Dog	Male	Adult	
2018-07-24	2018-09-03	Dog	Female	Adult	
2018-07-24	2018-09-03	Dog	Male	Adult	
2018-07-24	2018-09-03	Dog	Female	Adult	
2018-07-24	2018-09-03	Dog	Female	Adult	
2018-07-24	2018-09-03	Dog	Female	Adult	
2018-07-24	2018-09-03	Dog	Male	Adult	
2018-07-24	2018-09-03	Dog	Female	Adult	
2018-07-24	2018-09-03	Dog	Male	Adult	
2015	2018-07-24	2018-09-03	Dog	Female	Adult
2016					
2017	2018-07-24	2018-09-03	Dog	Female	Adult
Total	Number of animal vaccines remaining in stock			26970	

THANK YOU



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