



Tripartite Webinar on Rabies: **All for 1, One Health for All in the Asia Pacific Region**

Enhancing Rabies Surveillance using One Health Approach - the Philippine Experience

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Department of Health**

TRIPARTITE COLLABORATION



Food and Agriculture
Organization of the
United Nations



World Health
Organization



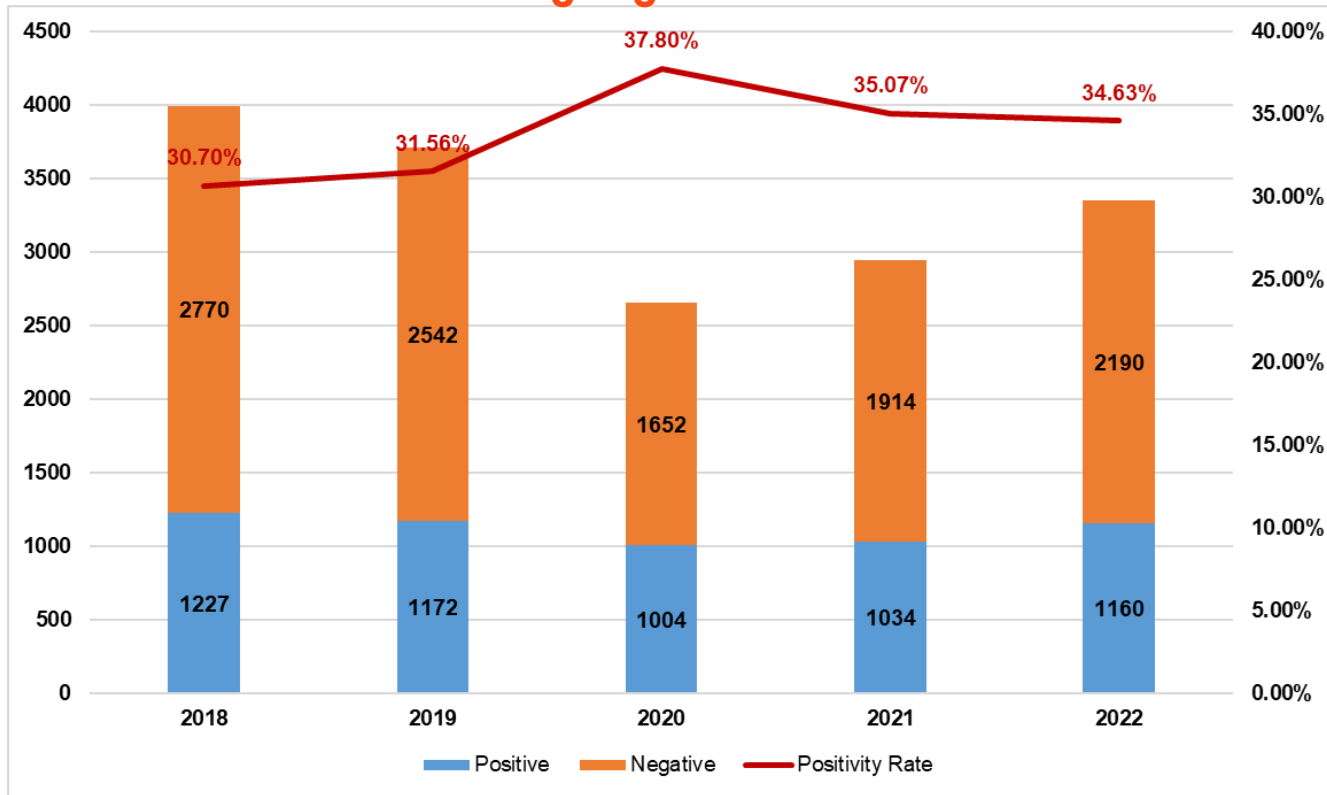
World Organisation
for Animal Health
Founded as OIE



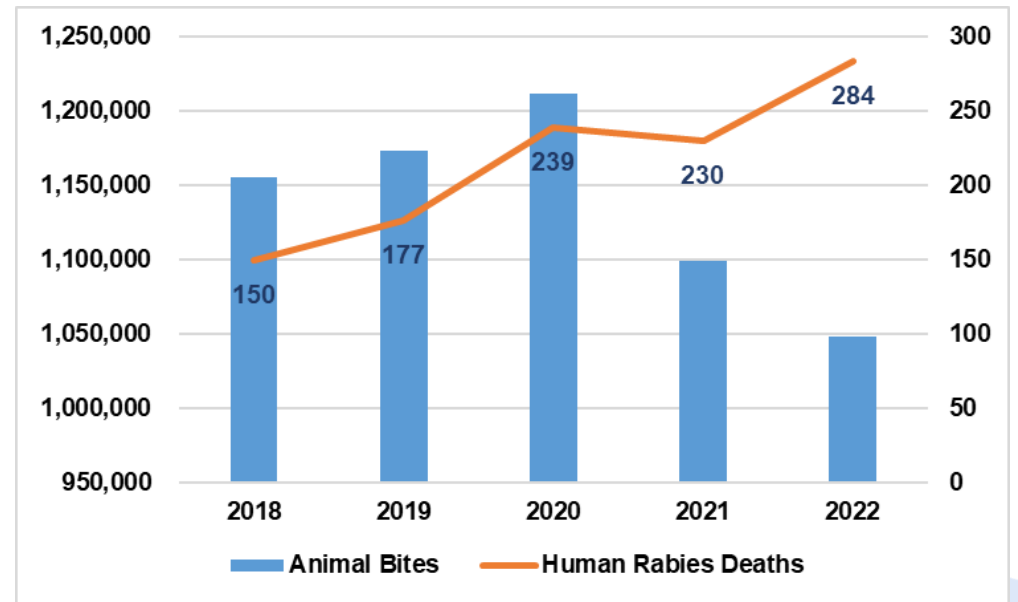


Positivity rate of rabies among animals remains to be **more than 30%**, while **human rabies deaths continues to rise**.

Results of rabies tests among dogs from 2018–2022.

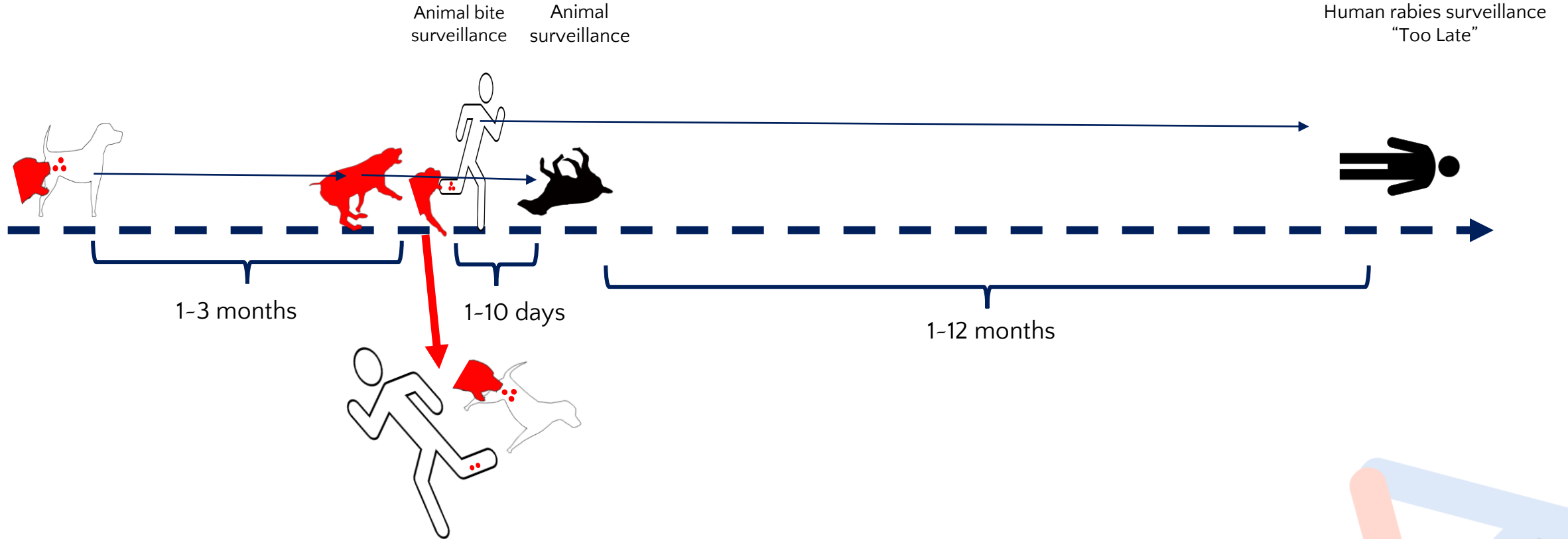


Animal bites and rabies deaths among humans from 2018–2022.



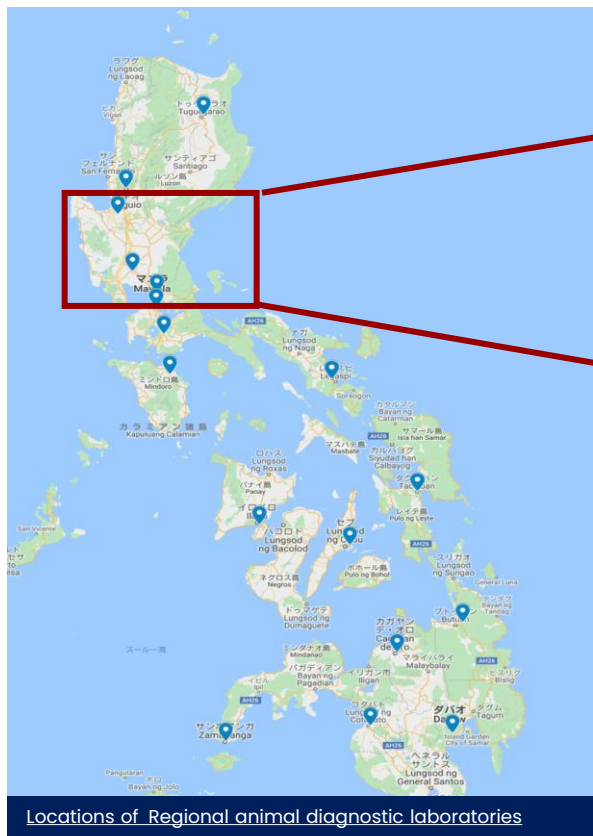


Focusing on animal rabies case is key towards elimination.

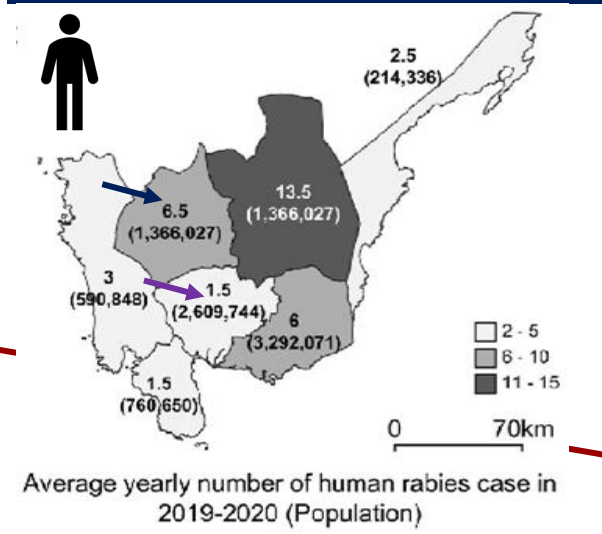




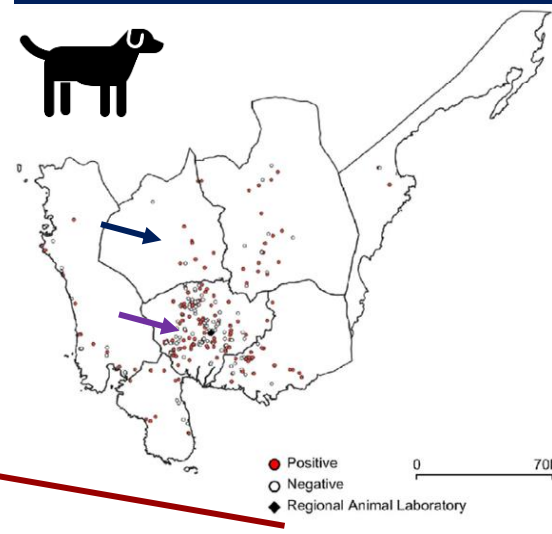
Widespread underdiagnosis of animal rabies cases is observed, particularly in areas far from rabies laboratories.



Human rabies cases in R3



Animal rabies cases in R3

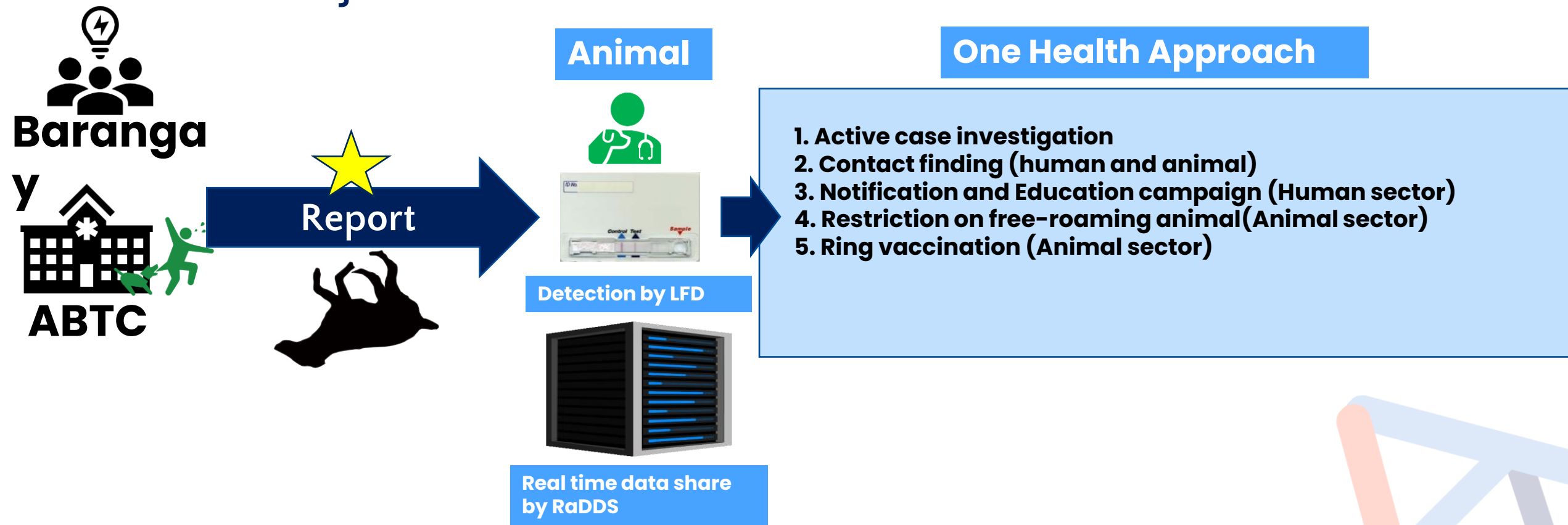


→ Province of Tarlac
 → Province of Pampanga

Mananggit et al. Tropical Medicine and Health (2021) 49:59

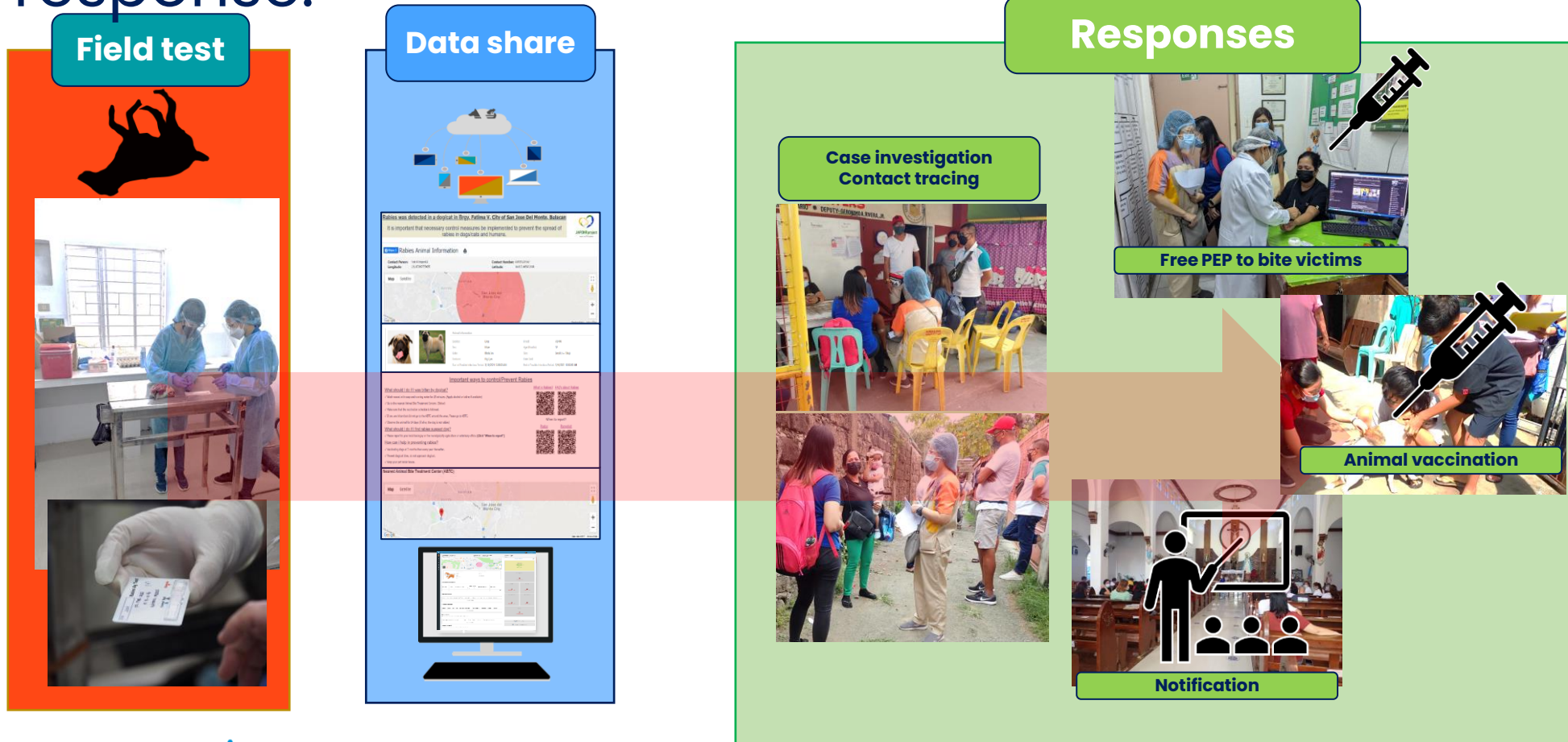


Coordination is key to establish good surveillance and NOT just the introduction of the test kits.





RaDSS employs the One Health approach from testing to response.





Manuals and other materials were published.

2023
Ver 1.1

Manual of Procedure of
Rabies rapid diagnosis
and response
with rabies data share system
(RaDSS)

The proper way to remove or decapitate animal heads for rabies testing is essential to avoid contamination.

This video will show the correct way how to do this.



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Republic of the Philippines
Department of Agriculture
BUREAU OF ANIMAL INDUSTRY

2022 ANIMAL WELFARE WEEK CELEBRATION

UNITY
One Health One Welfare

October 5-7, 2022

MUNICIPAL AGRICULTURE OFFICE
PROVINCIAL VETERINARY OFFICE

**BE PART IN MAKING BULACAN
RABIES-FREE!
REPORT TO THE FOLLOWING:**

PROVINCIAL VETERINARY OFFICE
Contact Person: _____
Contact Details: _____

MUNICIPAL AGRICULTURE OFFICE/
CITY VETERINARY OFFICE
Contact Person: _____
Contact Details: _____

REPORT THE FOLLOWING IMMEDIATELY:

- Animals exhibiting signs of Rabies
- Suspicious or sudden death of an animal
- Animals that have bitten one or multiple victims (animal/human) in a single day

MGA SINTOMAS AT SINHALES NG RABIES SA HAYOP:

- Excessive salivation
- Restlessness or aimless running
- Unprovoked aggressiveness
- Inability to use one or more of the animal's limbs
- Eating rocks, sand or other inanimate objects

IMPORTANT REMINDER: DO NOT KILL THE SUSPICIOUS ANIMAL IMMEDIATELY! REPORT IT FIRST!

**STORY OF BROWNIE:
MORE THAN ONE IS A SIGN**

1 Brownie enjoys being free. He has no owner and roams freely around the public market.

2 One day, Brownie suddenly attacked and bit three tricycle drivers and an egg vendor in the market.

3 Brownie traveled a long distance to another barangay and bit another 3 people.

4 Brownie was eventually caught by concerned citizens who saw the commotion and was killed to prevent further bite incidents. Victims brought him to the laboratory and confirmed that Brownie indeed had Rabies.

BROWNY IS POSITIVE FOR RABIES

BITING MORE THAN ONE VICTIM A DAY WITH NO APPARENT REASON IS A SIGN OF A HIGHLY SUSPECT RABID DOG.



Data collection on human rabies remains a challenge.



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NaRIS Login | Gallery

Animal Bite Treatment Centers | Rabies Case Report

Calendar

NRPCP

September 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	Sep 1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Events shown in time zone: Philippine Standard Time

The NaRIS

The National Rabies Information System (NaRIS) is a patient-based rabies program accessible to all stakeholders-DOH, DA, WHO, LGUs, RHUs, CHOs, ABTCs, NGOs, and the private sector- through the internet. It facilitates data collection, aggregation, and utilization, and has the capacity to perform drug inventory.

NaRIS is a standards-based website that will be developed for 3 levels of users namely, the public, animal bite treatment center personnel, and managers/ decision makers.

It is an **information portal** for the public regarding NaRIS, rabies, first aid tips, locations of animal bite centers. The public may also use it as a **notification portal** where any person can report a possible rabies case.

It serves as the **online bite and rabies registry and inventory card** where trained animal bite treatment center personnel will input patient-based data ideally at the point of care.

The website is a **dashboard and database** where decision-makers can easily retrieve data important for decision-making.

This project was initiated by the DOH Infectious Disease Office through funding from the Bill and Melinda Gates Foundation through the World Health Organization Philippines.

BILL & MELINDA GATES Foundation | World Health Organization

2021 ANNUAL RABIES AND BITE VICTIM REPORT

Region	Human Population	Human Cases																	
		Sex		Age			AB Category			HR		Post Exposure Prophylaxis							
		Male	Female	Total	<15 y.o.	>15 y.o.	Total	Cat I	Cat II	Cat III	Total	No.	IR	TCV	HRIG	ERIG			
NCR																			
Cordillera Administrative Region																			
Region 1 - Ilocos Region																			
Region 2 - Cagayan Valley		38837	40198	79,035.00	32540	46531	79,071.00	859	55139	23281	79,279.00	20		75753	43	21586			
Region 3 - Central Luzon		103179	113114	216,293.00	87999	128274	216,273.00	689	165736	49881	216,306.00	45		208927	42	39152			
Region 4A - CALABARZON																			
Region 4B- MIMAROPA		19191	19737	38,928.00	17361	21357	38,718.00	416	27375	11145	38,936.00	7		37281	0	8920			
Region 5 - Bicol																			
Region 6 - Western Visayas																			
Region 7 - Central visayas																			
Region 8 - Eastern Visayas																			
Region 9 - Zamboanga Peninsula																			
Region 10 - Northern Mindanao		34070	32864	66,934.00	31699	35235	66,934.00	15	47791	19,128	66,934.00			65187	25	13888			
Region 11 - Davao Region																			
Region 12 - SOCKSARGEN																			
Region 13 - CARAGA																			
BARMM																			
Total		161207	173049	334256	137900	196162	334062	1964	248250	84307	334521			321961	85	69658			

2022 ANNUAL RABIES AND BITE VICTIM REPORT

REGIONS	AB Category				Post Exposure Prophylaxis			PEP Coverage	
	Cat I	Cat II	Cat III	Total	TCV	HRIG	ERIG	% TCV	% RIG
NCR	581	213,457	88,771	302,809	289,518	58,453		95.61%	65.85%
Cordillera Administrative Region									
Region 1 - Ilocos Region	1,797	85,517	17,962	105,276	105,276			100.00%	94.52%
Region 2 - Cagayan Valley	859	55,139	23,281	79,279	75,753	43	21,586	95.55%	92.90%
Region 3 - Central Luzon	689	155,763	49,881	206,333	179,831	42	39,152	87.16%	78.58%
Region 4A - CALABARZON	1,503	211,222	60,261	272,986	267,379	189	36,198	97.95%	60.38%
Region 4B- MIMAROPA	444	34,669	13,723	48,836	45,875	0	10,906	93.94%	79.47%
Region 5 - Bicol	1,773	44,349	15,468	61,590	58,864	16	9,893	95.57%	64.06%
Region 6 - Western Visayas	424	83,875	65,655	149,954	133,753	3,166	23,396	89.20%	40.46%
Region 7 - Central visayas	486	85,926	61,019	147,431	133,135	1,862	47,577	90.30%	81.02%
Region 8 - Eastern Visayas	36	26,990	25,111	52,137	52,087	1	19,517	99.90%	77.73%
Region 9 - Zamboanga Peninsula	307	42,332	27,259	69,898	63,408	1,495	20,796	90.72%	81.77%
Region 10 - Northern Mindanao	173	55,583	23,430	79,186	71,512	329	18,901	90.31%	82.07%
Region 11 - Davao Region	309	57,907	17,085	75,301	74,722	307	12,839	99.23%	76.94%
Region 12 - SOCKSARGEN	90	5,623	4,633	10,346	9,440	97	3,905	91.24%	86.38%
Region 13 - CARAGA	1,300	30,590	8,573	40,463	39,762	0	7,135	98.27%	83.23%
BARMM	386	1,741	849	2,976	4,777	1	1,218	160.52%	143.58%
Total	5,873	755,767	502,961	1,015,519	963,632	58,727	289,997	94.89%	69.33%





Where are we headed? Comprehensive multi- disease surveillance and response, and integrated health information system



Technology for efficient health service delivery

Leverage digital health and technology for efficient and accessible health service delivery.



Thank you!

