

LINKING COUNTRY REPORTING TO THE GLOBAL LEVEL

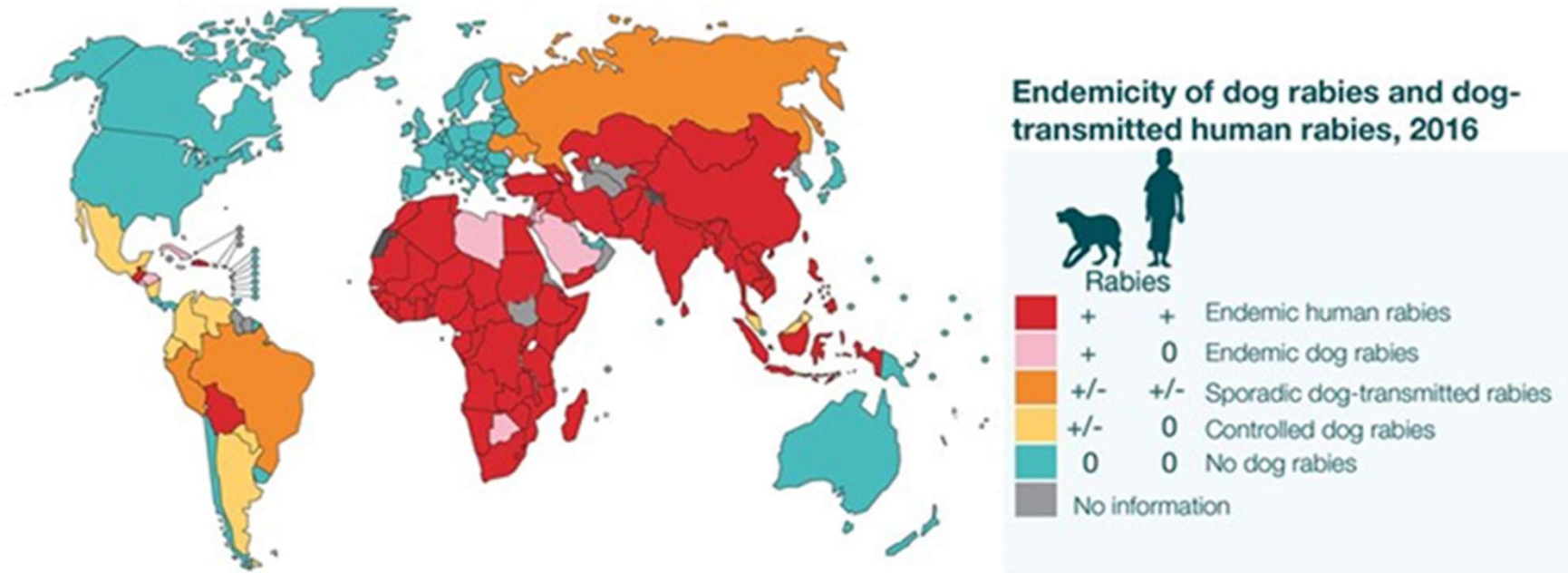
Driving progress towards rabies elimination

Johannesburg, 12-14 September 2018

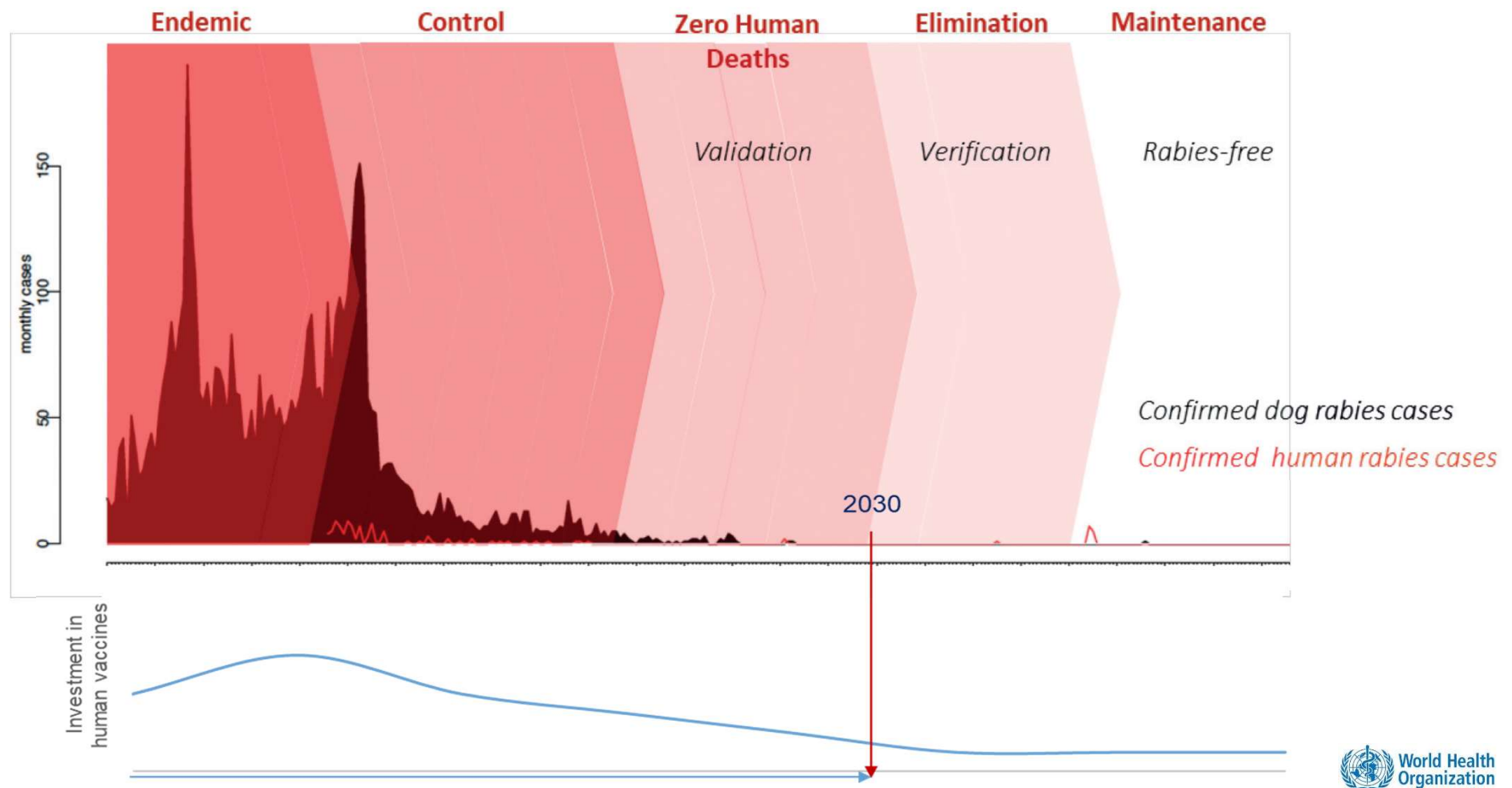
L.Knopf, B.Abela-Ridder
Neglected Zoonotic Diseases
Department of the Control of NTDs
WHO Headquarters, Switzerland



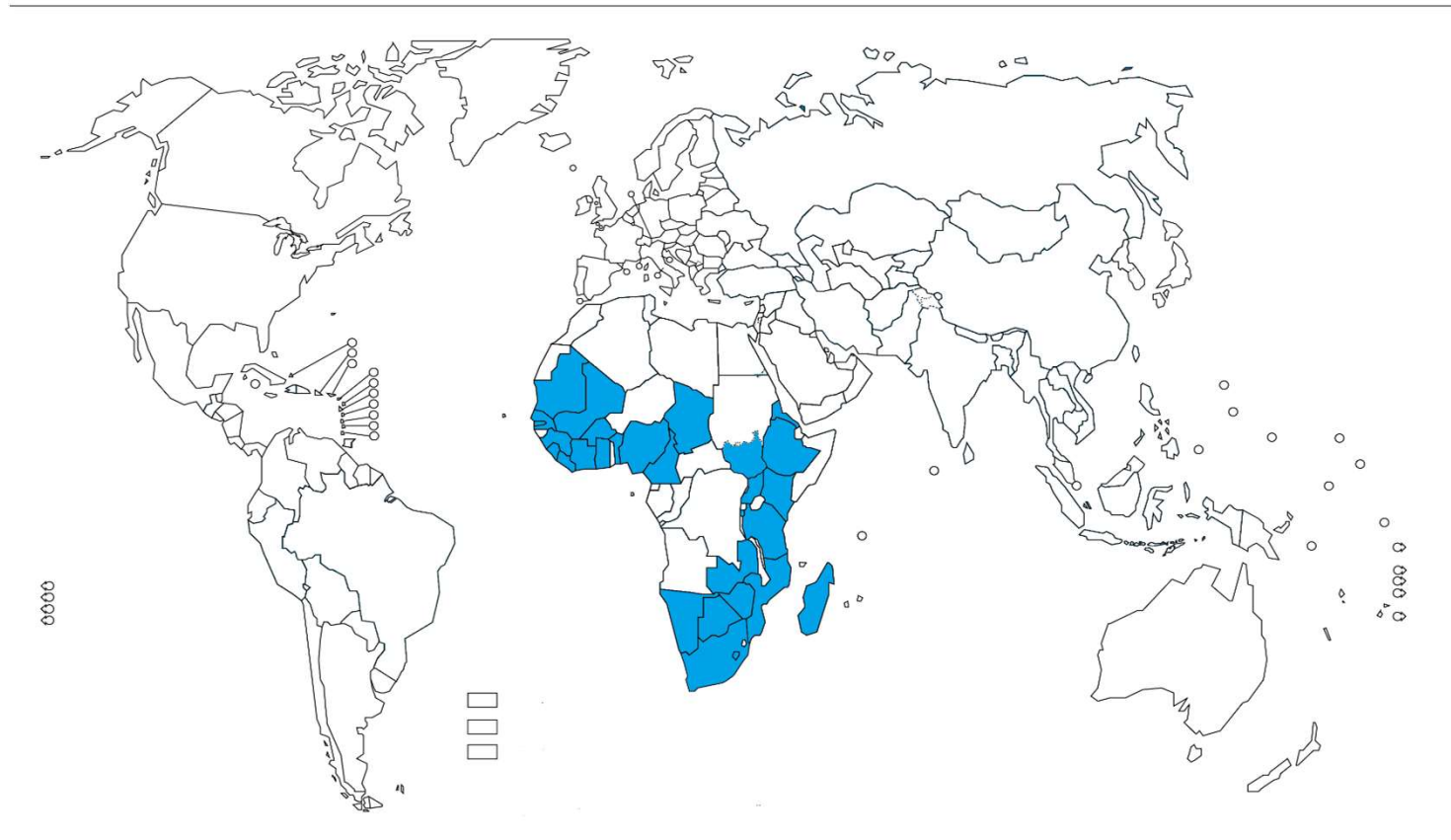
Data informs programmes and builds Advocacy!



Rabies data is key to measure progress 'Zero by 30'



JEE mission reports with rabies

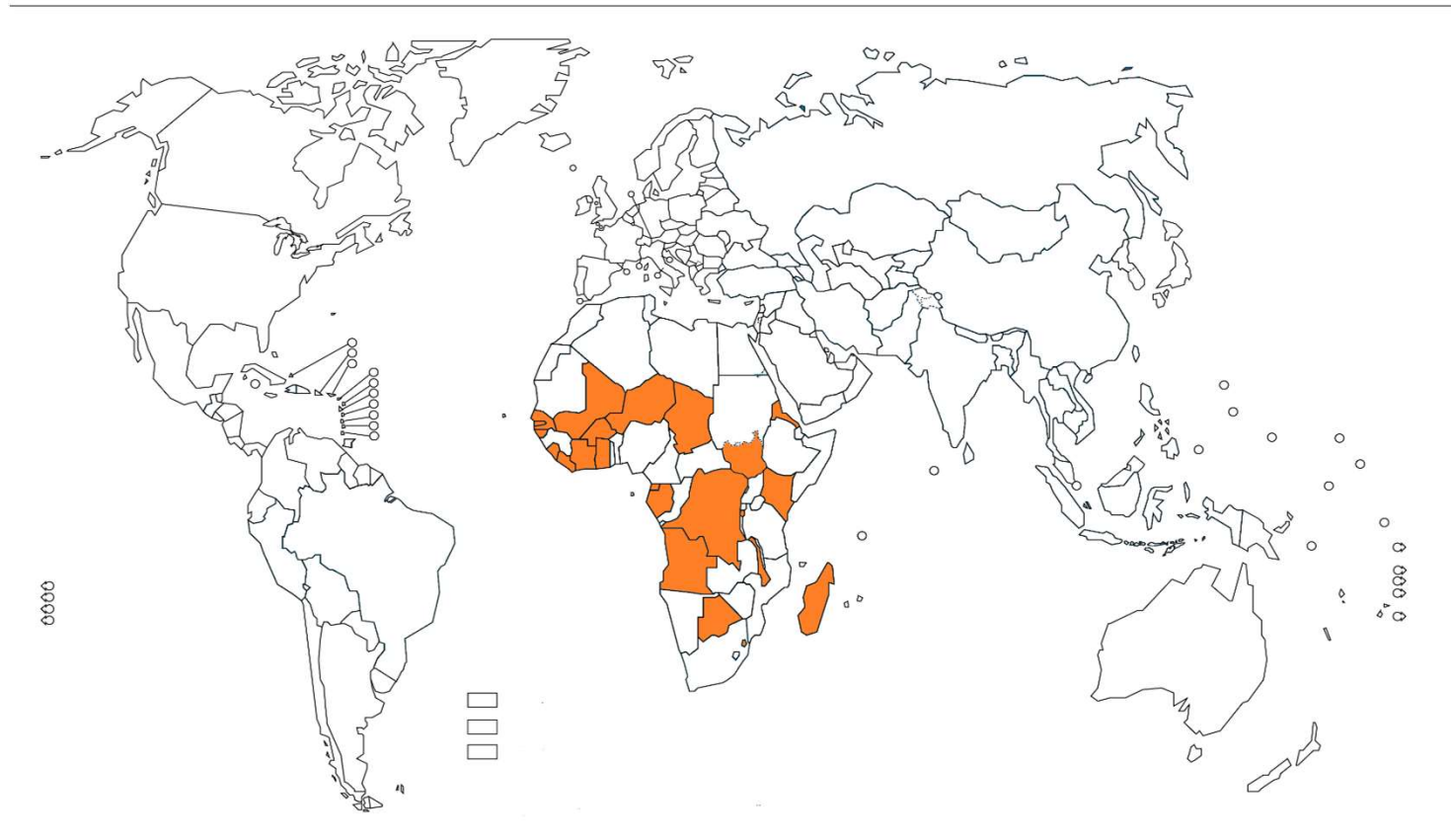


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Data Source: World Health Organization
Map Production: Control of Neglected
Tropical Diseases (NTD)
World Health Organization



NTD master plan

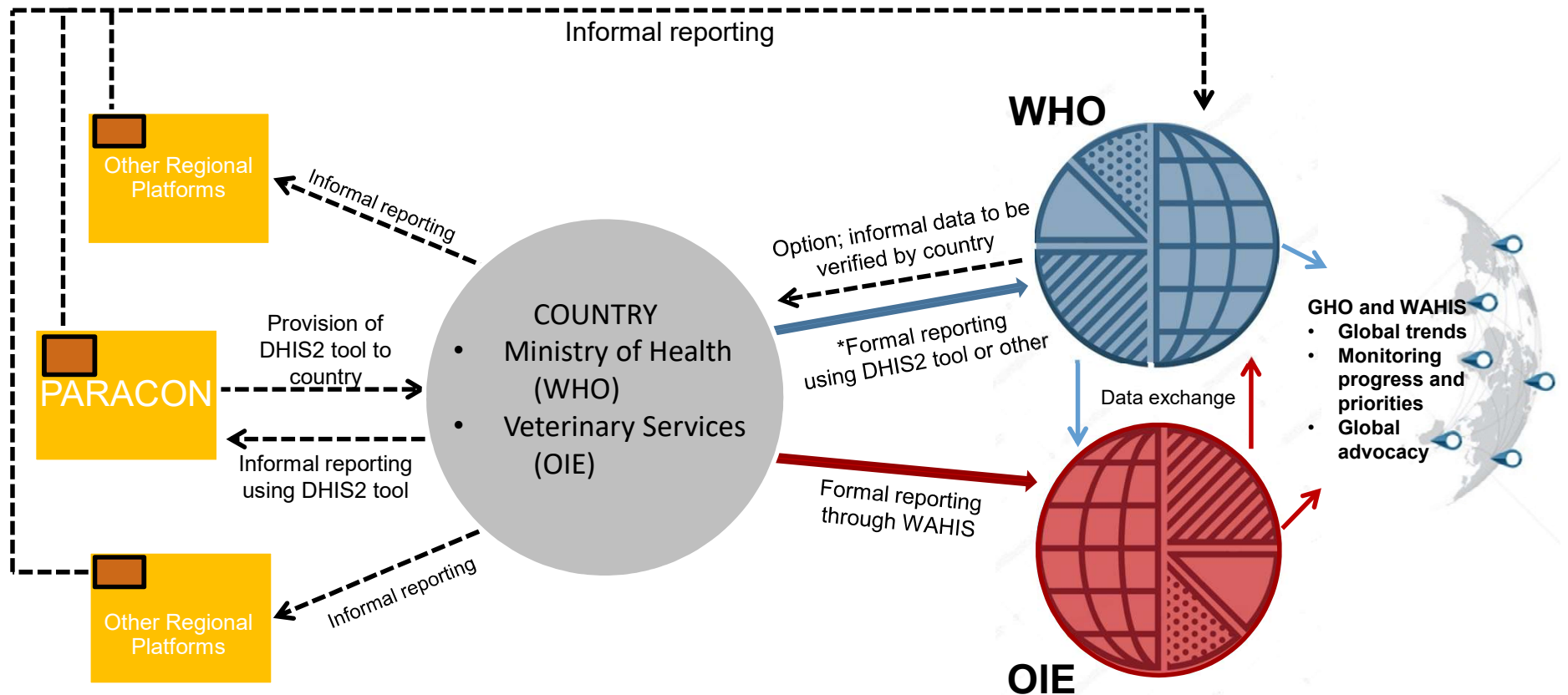


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Reporting of Data to WHO and OIE



*WHO is developing a platform that will allow countries to automatically upload aggregate national data on an annual basis.

Global Health Observatory (GHO): <http://www.who.int/gho/en/>

The World Animal Health Information System (WAHIS): http://www.oie.int/wahis_2/public/wahid.php/Wahidhome/Home



human
rabies cases



animal bite
cases in humans



people
receiving PEP



est. dog
population



dog
rabies cases



animal
rabies cases



% dogs
vaccinated

RABIES INDICATORS

in humans and animals



Number of human rabies cases reported

total number, clinical or lab diagnosis (count)

Disaggregation:

- Gender (male, female, unknown)
- Age in years (<5, 5-14, ≥15, unknown)
- Source of exposure (dog, other animal, bat, unknown)
- Diagnosis (clinical, laboratory, unknown)



Number of animal bite cases reported

humans bitten by warm-blooded animals (count)

Disaggregation:

- Gender (male, female, unknown)
- Age in years (<5, 5-14, ≥15, unknown)
- Animal species (dog, cat, bat, wildlife, livestock, unknown)
- WHO wound category (I, II, III, unknown)



Number of people who receive PEP

PEP involves wound care and ≥ 1 dose of vaccine (count)

Disaggregation:

- Gender (male, female, unknown)
- Age in years (<5, 5-14, ≥ 15 , unknown)
- WHO wound category (II, III, unknown)

Limitation:

patients who attend different health facilities (double count)



Number of dog rabies cases reported

total number, clinical or lab diagnosis (count)

Disaggregation:

- Diagnosis (clinical, laboratory, unknown)



Number of rabies cases reported in animals other than dogs

total number, clinical or laboratory diagnosis (count)

Disaggregation:

- Animal species (cat, bat, wildlife, livestock, unknown)
- Diagnosis (clinical, laboratory, unknown)



Estimated dog population

evidence-based estimate of (national) dog population; or a proxy is the human:dog ratio if known (count)

Disaggregation:

- Ownership status (owned, unowned, unknown)



% of dogs that received rabies vaccine

evidence-based estimate of dog vaccination coverage in the country (percentage)

Disaggregation:

- Ownership status (owned, unowned, unknown)



HOW TO REPORT DATA

Linking country reporting to the global level

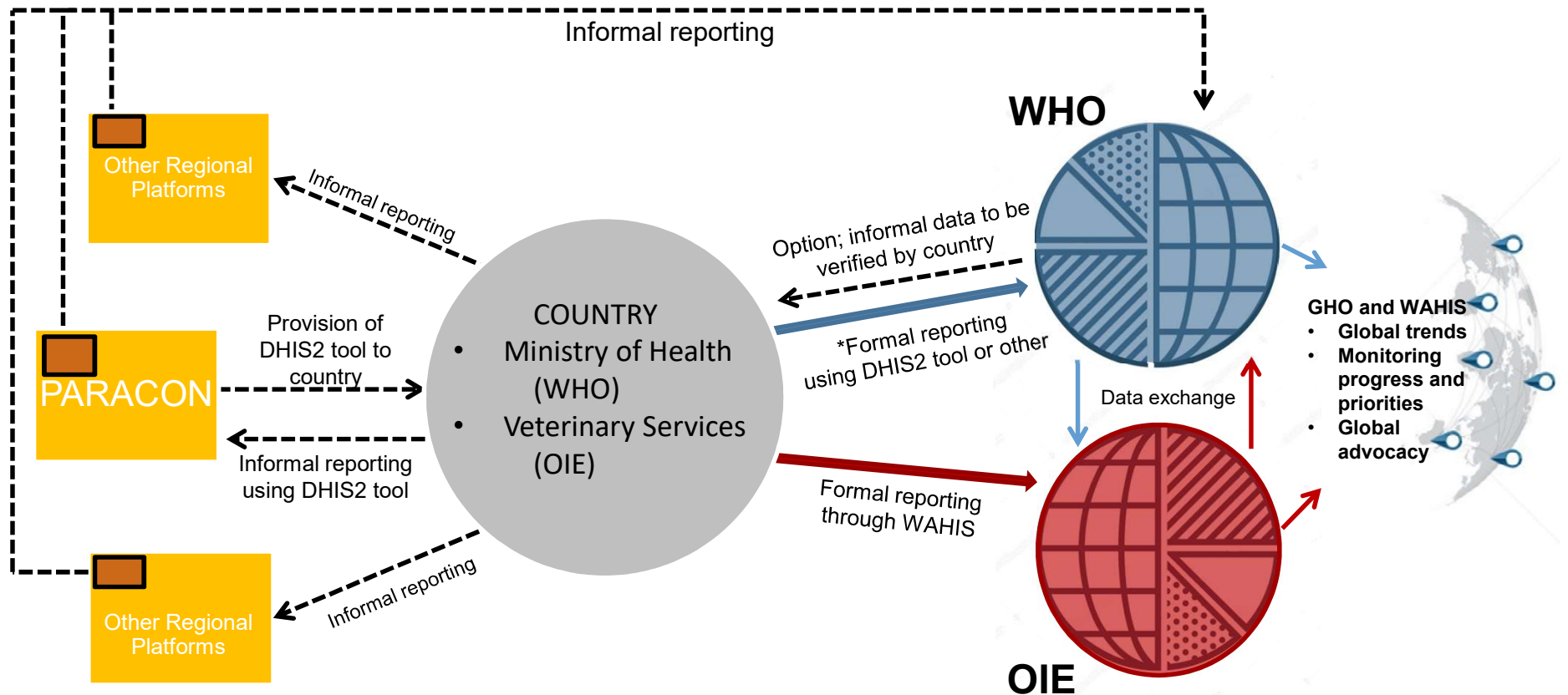
Rabies data collection and reporting

Frequency: yearly (end March)

1. **Identify** and share national focal point responsible for rabies data collection
2. A log-in will be provided
3. **Collate** national annual data on key indicators
4. **Validate** rabies data through rabies focal point at MoH
5. **Submit data** to WHO-HQ



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Data entry: Using Excel



Human rabies

COUNTRY(Code):

Country subdivision (if applicable):

FOCAL POINT (MoH, further; please indicate) :

Human Rabies							
Year	Human rabies	Bite cases in humans				Post-exposure prophylaxis (PEP)**	
	# of human rabies cases*	# of dog bites			# of bites by other animals †	# people receiving PEP	# people receiving RIG additional to PEP
		Cat. II	Cat. III	Cat. unknown			
2016							
2015							
2014							

Animal rabies

Animal Rabies				
Animal Rabies		Dog population		Remarks
# of rabies cases in dogs	# of rabies cases in other animals†	# of dogs in country	# of dogs vaccinated	

Data entry: using DHIS2



WHO Inveted data platform

RABIES ANNUAL REPORT

HUMAN RABIES ANIMAL RABIES COMMENTS AND REFERENCES

ANIMAL RABIES REPORTING

Dog population:

Estimated dog population	Unowned	Owned	Unknown
175966			175966

Human : Dog Ratio

Human	:	Dog
	:	

Dog vaccination coverage:

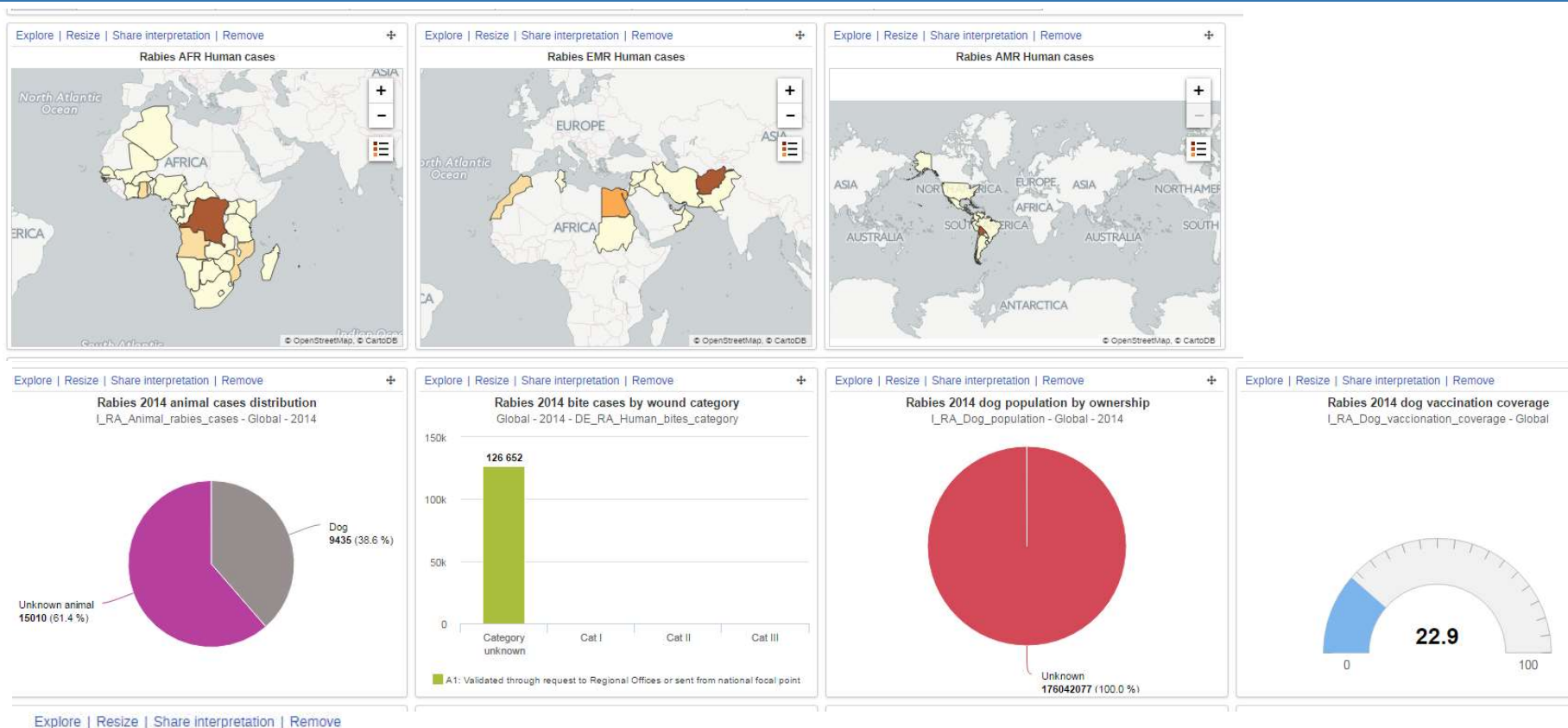
Number of dogs vaccinated against rabies	Unowned	Owned	Unknown
39635	3745	35890	

Rabies cases reported in animals:

Number of Rabies cases, by animal and diagnosis type	Dog	Cat	Bat	Livestock	Wildlife	Unknown Animal
421	348	7		16		44
Clinically diagnosed	348	7		16		44
Lab diagnosed	5			2		
Unknown diagnosis						

WHO Integrated Data Platform

How it looks like!



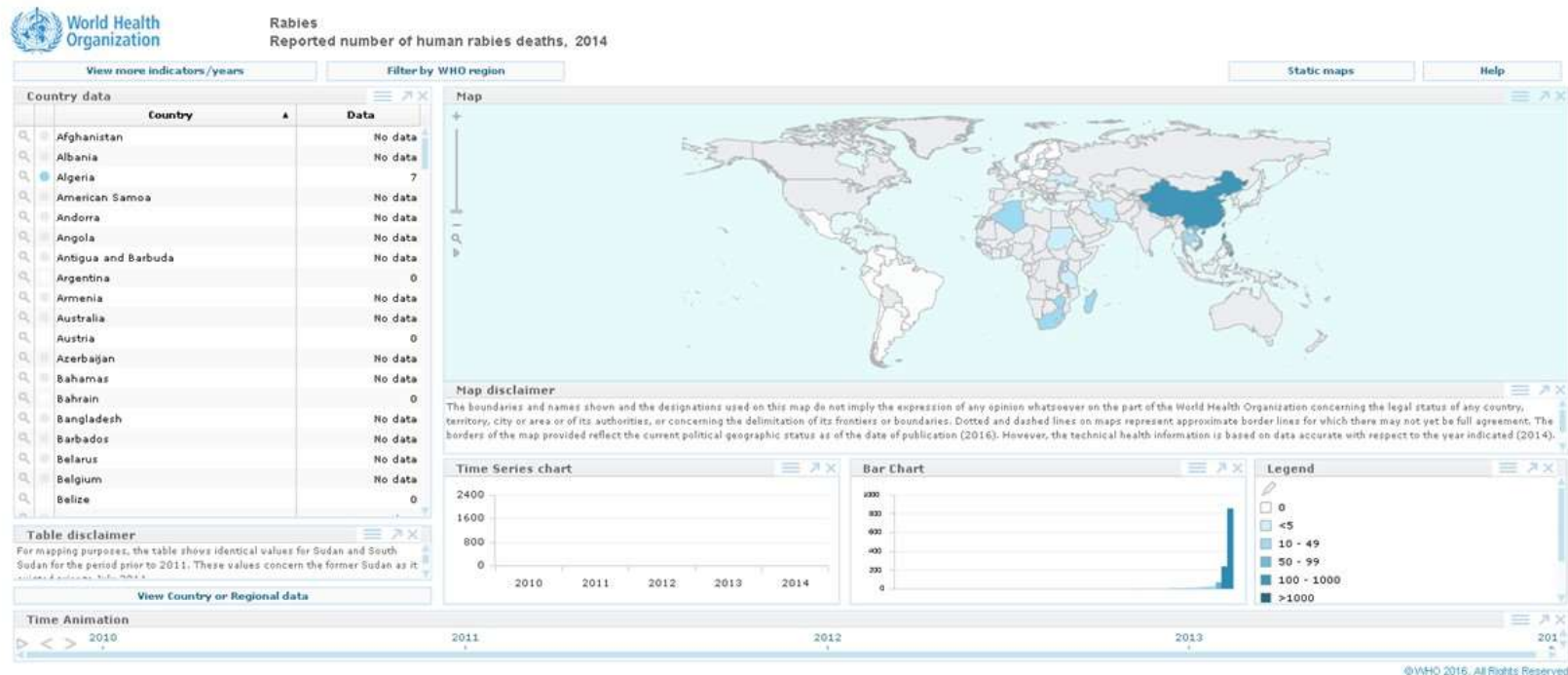
Explore | Resize | Share interpretation | Remove

Rabies main indicators - A1

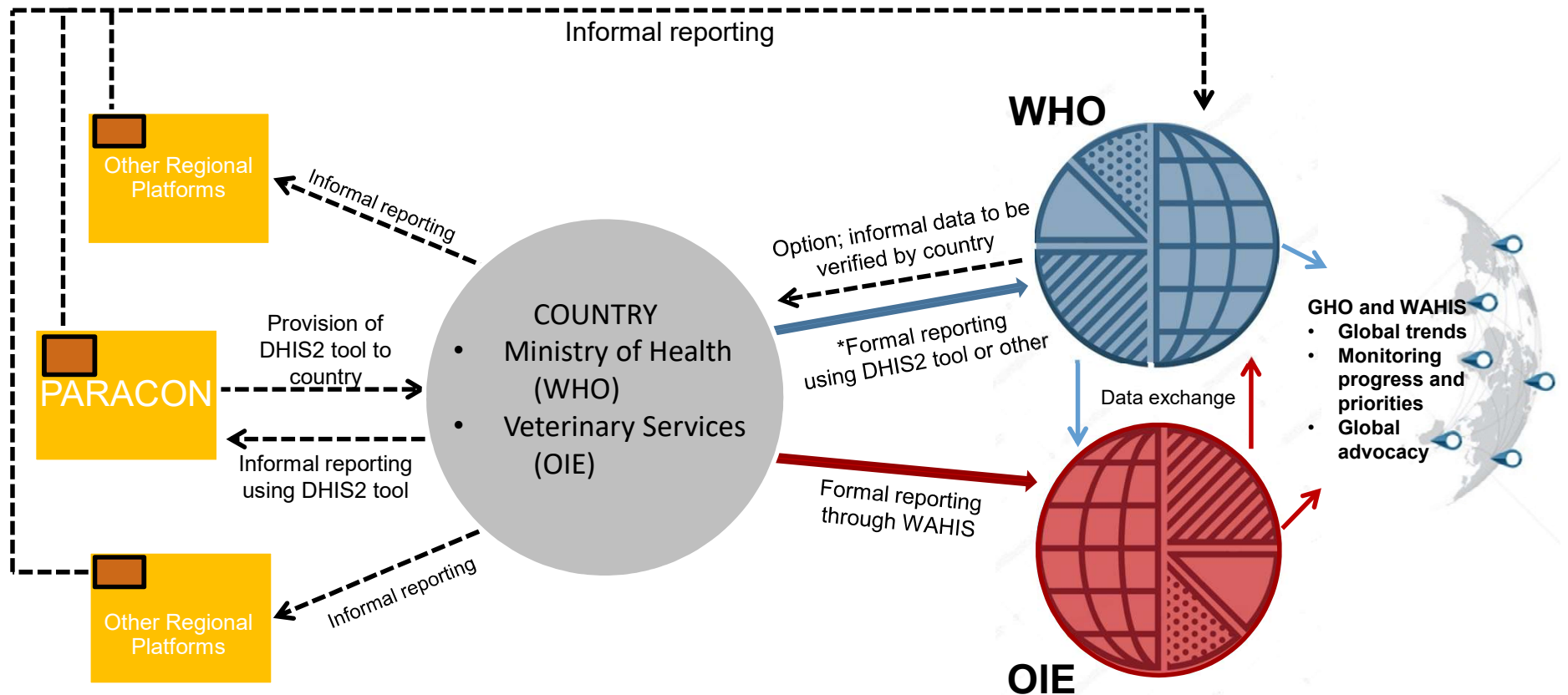
Global - A1: Validated through request to Regional Offices or sent from national focal point							
Period / Data	I_RA_Human_rabies_cases	I_RA_Human_rabies_bites	I_RA_People_receiving_PEP	I_RA_Animal_rabies_cases	I_RA_Dog_population	DE_RA_Dog_vaccination	I_RA_Dog_vaccination_coverage
2007	17	0	0	0	0		
2008	22	0	0	0	0		
2009	2 159	112 245	127 381	62	0	89 438	
2010	2 077	96 920	122 498	188	0	292 937	
2011	1 917	109 432	134 523	251	0	338 987	
2012	1 410	121 634	150 476	284	0	338 045	

Current stage, planned steps:

- **Harmonized** key indicators to avoid duplication
- **Interface** with other reporting platforms – automatic transfer (OIE-WAHIS, Global Health Observatory, SIRVERA, etc)
- **Launch** of the Rabies Module of the WHO Integrated Data Platform



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