





	Prevalence. % (95%CI)	95% Prediction interval	N Studies	N Participants	H (95%CI)	I <sup>2</sup> (95%CI)	P heterogeneity	P difference subtypes
Ghana	14.6 [11.8-17.7]	NA	1	561	NA	NA	1	
Nigeria	10.5 [3.2-20.9]	[0-55.8]	6	693	3.5 [2.6-4.8]	92 [85.3-95.6]	< 0.001	
<b>Past contact</b>								
<b>Stray dogs</b>								
<b>Sampling</b>								0.47
Non probabilistic	20.9 [2.6-49.7]	[0-100]	3	522	6.7 [4.8-9.2]	97.7 [95.7-98.8]	< 0.001	
Probabilistic	7.7 [0-30.1]	NA	1	13	NA	NA	1	
<b>Wild dogs</b>								
<b>Timing of data collection</b>								0.958
Prospectively	0 [0-8]	NA	1	21	NA	NA	1	
Retroprospectively	0 [0-9.3]	NA	1	18	NA	NA	1	
<b>UNSD Region</b>								< 0.001
Eastern Africa	0 [0-4.9]	NA	2	39	1	0	0.958	
West Africa	24.1 [13.9-36.1]	NA	1	58	NA	NA	1	
<b>Country</b>								< 0.001
Kenya	0 [0-9.3]	NA	1	18	NA	NA	1	
Nigeria	24.1 [13.9-36.1]	NA	1	58	NA	NA	1	
Tanzania	0 [0-8]	NA	1	21	NA	NA	1	
<b>Recruitment setting</b>								0.003
Rural	0 [0-9.3]	NA	1	18	NA	NA	1	
Urban/rural	24.1 [13.9-36.1]	NA	1	58	NA	NA	1	
<b>RABV prevalence in other animals</b>								
<b>Current contact</b>								
<b>Perissodactyla</b>								
<b>Timing of data collection</b>								0.994
Prospectively	84.4 [47.6-100]	[0-100]	5	102	4 [2.9-5.4]	93.7 [88.1-96.6]	< 0.001	
Retrospectively	84.7 [68.9-96]	NA	2	38	1.1	20.7	0.262	
<b>UNSD Region</b>								0.958
Eastern Africa	84.7 [68.9-96]	NA	2	38	1.1	20.7	0.262	



	Prevalence. % (95%CI)	95% Prediction interval	N Studies	N Participants	H (95%CI)	I <sup>2</sup> (95%CI)	P heterogeneity	P difference subtypes
Rural	1.6 [0-8.9]	NA	2	43	1	0	0.357	
Urban	71.5 [59.8-82]	[29.5-98.9]	9	1634	4 [3.2-5]	93.6 [90-95.9]	< 0.001	
<b>Carnivora</b>								
<b>Study Design</b>								0.011
Community outbreak	86.7 [63.9-99.7]	NA	1	15	NA	NA	1	
Cross sectional	48.9 [31.8-66.2]	[0-100]	14	731	4.5 [3.8-5.3]	95 [93.1-96.4]	< 0.001	
<b>Sampling</b>								0.329
Non probabilistic	47.7 [28.7-67]	[0-100]	12	673	4.8 [4-5.7]	95.7 [93.9-96.9]	< 0.001	
Probabilistic	66.3 [34.4-92.1]	[0-100]	3	73	2.7 [1.6-4.5]	85.8 [58.5-95.1]	0.001	
<b>Timing of data collection</b>								0.006
Prospectively	45.1 [22.4-68.9]	[0-100]	8	347	4.3 [3.4-5.4]	94.5 [91.4-96.6]	< 0.001	
Retroprospectively	90 [72.2-99.8]	NA	1	20	NA	NA	1	
Retrospectively	53.2 [29-76.7]	[0-100]	6	379	4.3 [3.3-5.6]	94.6 [90.7-96.8]	< 0.001	
<b>UNSD Region</b>								0.084
Eastern Africa	59.9 [41.1-77.4]	[2.5-100]	10	509	3.9 [3.2-4.9]	93.6 [90.2-95.8]	< 0.001	
Southern Africa	37.2 [4.9-77.7]	[0-100]	4	224	5.9 [4.4-7.8]	97.1 [94.9-98.4]	< 0.001	
West Africa	23.1 [3.6-50.4]	NA	1	13	NA	NA	1	
<b>Country</b>								< 0.001
Ethiopia	74.4 [56-89.3]	[2.2-100]	4	291	2.8 [1.8-4.3]	87.3 [69.5-94.7]	< 0.001	
Madagascar	23.6 [13.2-35.9]	NA	1	55	NA	NA	1	
Mozambique	90 [72.2-99.8]	NA	1	20	NA	NA	1	
Namibia	71.6 [35.7-96.6]	NA	2	162	4.3 [2.4-7.5]	94.6 [83.3-98.2]	< 0.001	
Nigeria	23.1 [3.6-50.4]	NA	1	13	NA	NA	1	
South Africa	6.7 [0-23.5]	NA	2	62	1.7 [1-3.7]	67.1 [0-92.6]	0.081	
Tanzania	50 [18.9-81.1]	NA	1	10	NA	NA	1	
Zambia	32.5 [22.6-43.2]	NA	1	80	NA	NA	1	
Zimbabwe	51.4 [29.5-73]	NA	2	53	1.5 [1-3.1]	57.3 [0-89.8]	0.126	
<b>Recruitment setting</b>								0.351
Rural	86.7 [63.9-99.7]	NA	1	15	NA	NA	1	
Urban	64.8 [44.4-82.8]	[3.4-100]	6	365	3.6 [2.7-4.9]	92.4 [86.2-95.8]	< 0.001	
Urban/rural	72.2 [64-79.7]	NA	1	126	NA	NA	1	

	Prevalence. % (95%CI)	95% Prediction interval	N Studies	N Participants	H (95%CI)	I <sup>2</sup> (95%CI)	P heterogeneity	P difference subtypes
<b>Chiroptera</b>								
<b>Sampling</b>								0.133
Non probabilistic	0 [0-0]	[0-0]	8	5081	1 [1-1]	0 [0-0]	0.991	
Probabilistic	6.4 [0-33.2]	NA	2	75	2.9 [1.5-5.6]	87.8 [52.7-96.8]	0.004	
<b>UNSD Region</b>								0.605
Central Africa	0 [0-0.8]	NA	1	218	NA	NA	1	
Eastern Africa	0 [0-0.1]	[0-0.2]	4	3966	1 [1-1]	0 [0-0]	0.996	
Southern Africa	0 [0-0]	NA	2	547	1	0	0.423	
West Africa	2.6 [0-19.7]	[0-100]	3	425	3.9 [2.5-6.1]	93.6 [84.6-97.3]	< 0.001	
<b>Country</b>								0.605
Democratic Republic of the Congo	0 [0-0.8]	NA	1	218	NA	NA	1	
Madagascar	0 [0-0.1]	[0-0.2]	4	3966	1 [1-1]	0 [0-0]	0.996	
Nigeria	2.6 [0-19.7]	[0-100]	3	425	3.9 [2.5-6.1]	93.6 [84.6-97.3]	< 0.001	
South Africa	0 [0-0]	NA	2	547	1	0	0.423	
<b>Sample types</b>								0.158
Brain	0 [0-0]	[0-0]	5	1140	1 [1-1.2]	0 [0-30.8]	0.878	
Oral swabs	0 [0-0.1]	NA	2	2486	1	0	1	
Serum	1.3 [0-5.9]	[0-100]	3	1530	4.2 [2.8-6.4]	94.4 [87-97.6]	< 0.001	
<b>Past contact</b>								
<b>Carnivora</b>								
<b>Timing of data collection</b>								0.039
Prospectively	14.3 [0.2-39.8]	[0-100]	4	80	2.5 [1.6-4]	84.1 [59.9-93.7]	< 0.001	
Retroprospectively	0 [0-2.4]	NA	1	72	NA	NA	1	
Retrospectively	3.6 [0-14.7]	NA	1	28	NA	NA	1	
<b>Country</b>								0.03
Ethiopia	16.6 [4.6-32.8]	NA	2	30	1	0	0.652	
Kenya	0.6 [0-7.1]	NA	2	100	1.5 [1-3.1]	56.5 [0-89.5]	0.129	
Zambia	12.8 [0-69.1]	NA	2	50	4.2 [2.4-7.4]	94.3 [82.3-98.2]	< 0.001	
<b>Sample types</b>								0.228
Brain	20 [3-44.6]	NA	1	15	NA	NA	1	

	<b>Prevalence. % (95%CI)</b>	<b>95% Prediction interval</b>	<b>N Studies</b>	<b>N Participants</b>	<b>H (95%CI)</b>	<b>I<sup>2</sup> (95%CI)</b>	<b>P heterogeneity</b>	<b>P difference subtypes</b>
Serum	6.2 [0-22]	[0-80]	5	165	2.7 [1.8-4]	86.5 [70.6-93.8]	< 0.001	
<b>Chiroptera</b>								
<b>UNSD Region</b>								0.348
Southern Africa	0 [0-0.9]	NA	1	190	NA	NA	1	
West Africa	0.9 [0-6.7]	NA	2	229	2.3 [1.1-4.8]	81.2 [19.9-95.6]	0.021	
<b>Country</b>								0.348
Nigeria	0.9 [0-6.7]	NA	2	229	2.3 [1.1-4.8]	81.2 [19.9-95.6]	0.021	
South Africa	0 [0-0.9]	NA	1	190	NA	NA	1	

RABV: Rabies virus; CI: confidence interval; NA: not applicable; UNSD: United Nations Statistics Division.