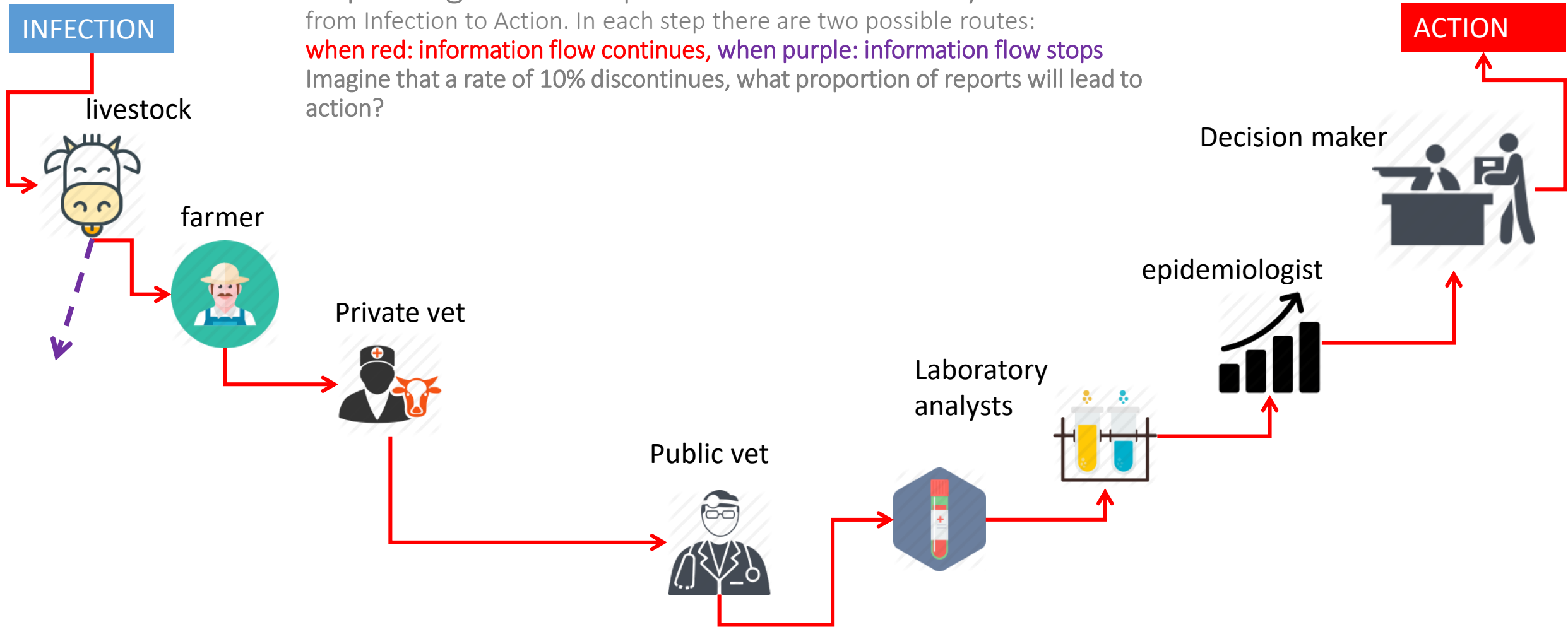


Reporting flow of a passive surveillance system

from Infection to Action. In each step there are two possible routes:

when red: information flow continues, when purple: information flow stops

Imagine that a rate of 10% discontinues, what proportion of reports will lead to action?

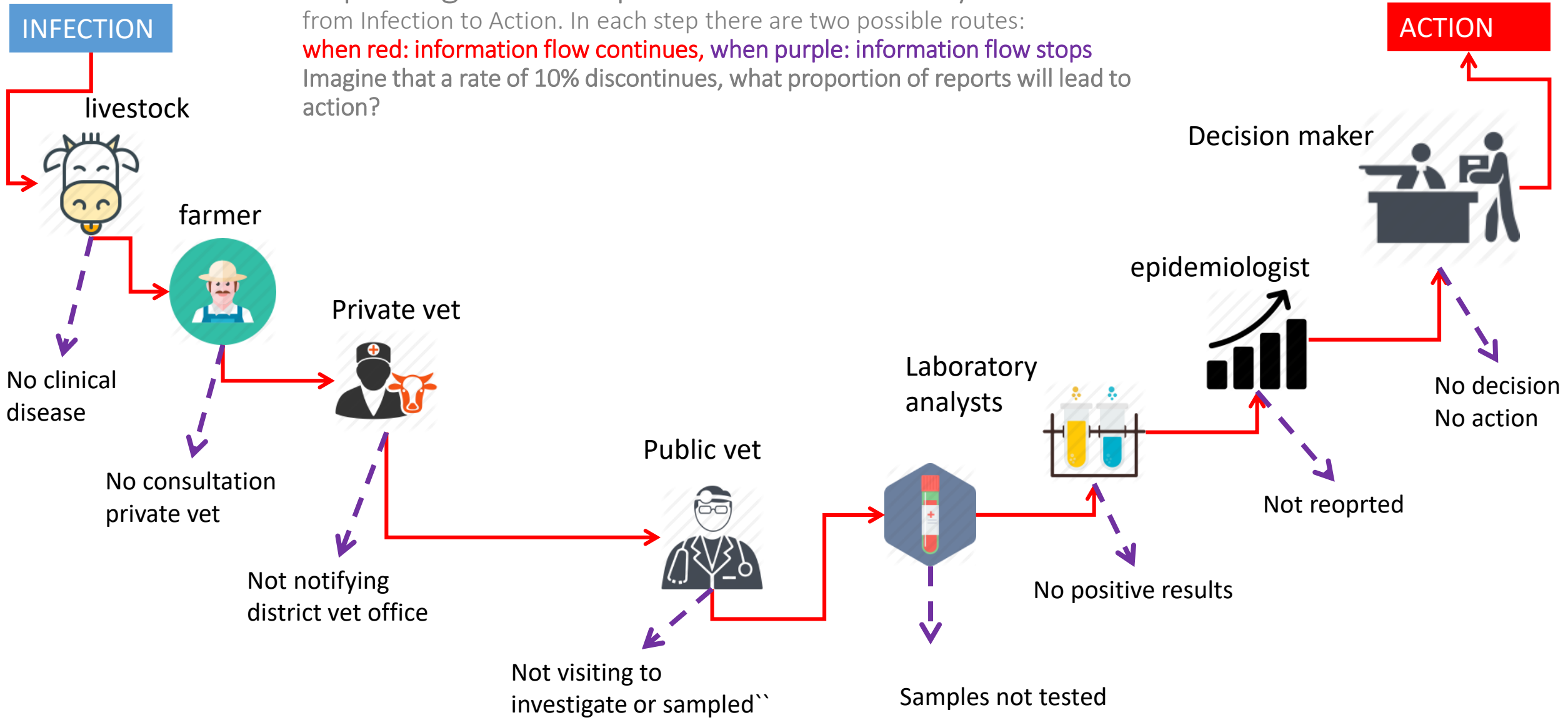


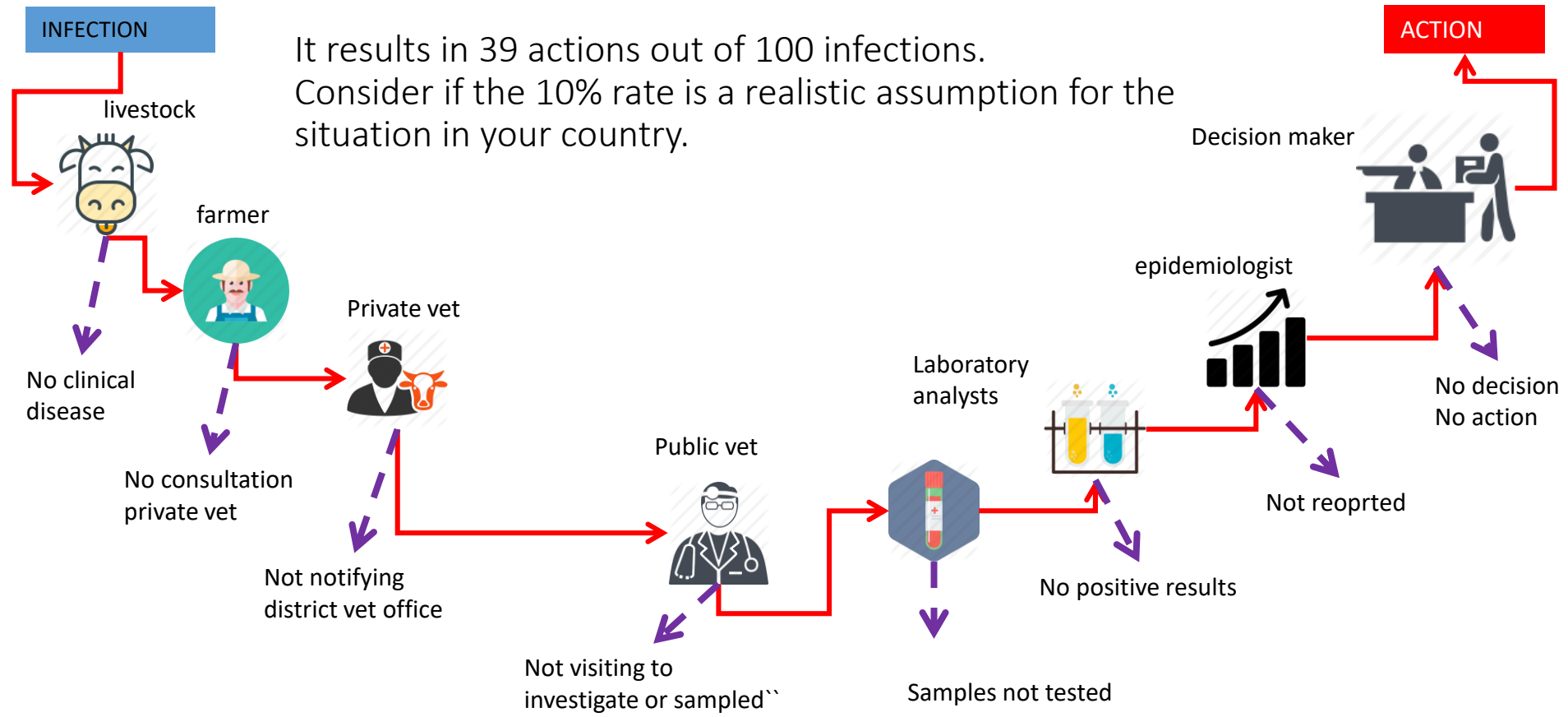
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Step	infection	Clinical signs	Farmer observes	Consultation private vet	Notification to public vet	Investigation and sampling	Samples tested	Samples testing negative (lack of sensitivity)	Data loss to reporting	No action taken
Probability	100	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Cumulative		90	81	73	66	59	53	48	43	39