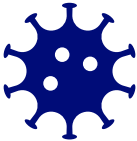


# RABIES ZOOONOTIC DISEASE

Rabies is caused by the virus namely *rabies iyssavirus*. This serious disease can be transmitted from animals to humans, making it a zoonotic infection

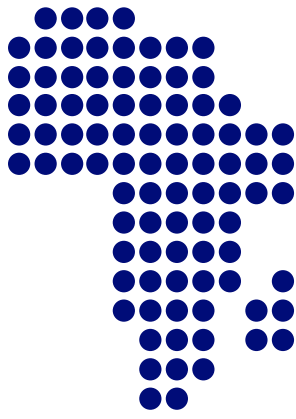
## CASES

Rabies is responsible for approximately 2000 deaths in Kenya with over 99% of cases resulting from dog bites



## RECURRING

The rabies virus is bullet-shaped



Africa accounts for nearly half of global human rabies deaths.

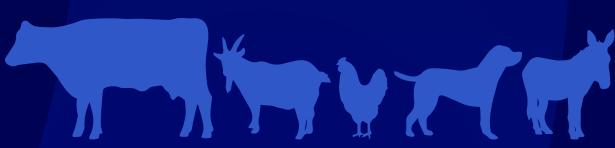


## DEATHS

Highest No. of death is in rural areas with limited access to vaccines



## IMPACT ON HUMANS



## IMPACT ON ANIMALS

## HIGH RISK POPULATION



High-risk groups include children under 15, who make up 40% of rabies cases in endemic areas

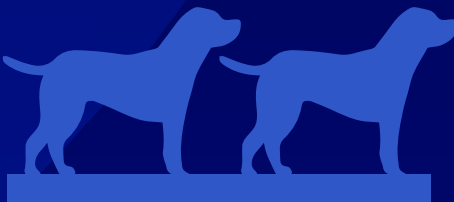
## TRANSMISSION



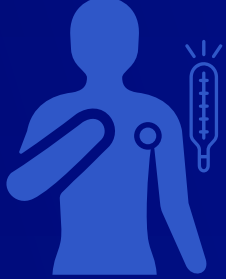
Most commonly through dog bites, but can also occur through contact with infected saliva via mucous membranes or open wounds

## TRANSMISSION

Transmission occurs through bites, scratches, or open wounds exposed to the saliva of infected animals



## SYMPTOMS

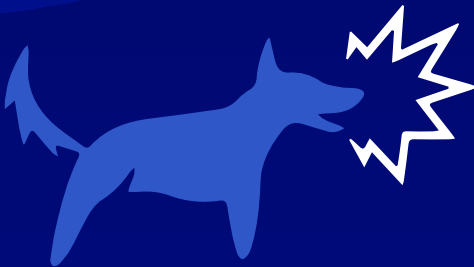


Initial symptoms include fever, headache, and general discomfort



Progresses to severe neurological symptoms like hyperactivity, hallucinations, hydrophobia (fear of water), and eventually paralysis

## SYMPTOMS



Furious form: aggression, biting, seizures, and paralysis



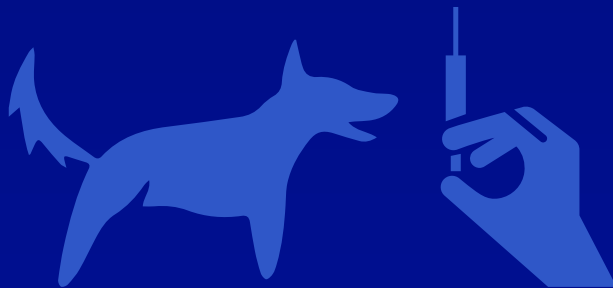
Paralytic form: drooping jaw, excessive salivation, and paralysis leading to death

## TREATMENT



**HUMANS:**  
Post-exposure prophylaxis (PEP) is essential following a suspected exposure, involving wound cleansing and a series of rabies vaccinations

## HEALTH & TREATMENT



**PREVENTION:**  
Mass vaccination of dogs, public education on preventing dog bites, and controlling stray dog populations.

## CHALLENGES



WIDESPREAD STRAY DOG POPULATIONS MAKE CONTROL EFFORTS DIFFICULT



LIMITED ACCESS TO VACCINES AND PEP IN RURAL AREAS

## SOLUTIONS



EXPANSION OF VACCINATION CAMPAIGNS TO REACH RURAL AND UNDERSERVED AREAS



STRENGTHENING PUBLIC HEALTH EDUCATION TO PREVENT DOG BITES AND PROMOTE VACCINATION

Together, we can break the Chain  
#KnowYourRisks

