

**ONE HEALTH AND
WILDLIFE:
KEEPING EVERYONE HEALTHY
AT THE URBAN-WILDLIFE
INTERFACE**

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ONE HEALTH: REMINDER



ONE HEALTH IN ACTION

■ Are we feeding a NIMBY mentality?

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One Health in Action



[The Story of the Rift Valley Fever Virus Vaccine Preventing Disease in Humans and Livestock](#)

In late 1997, a disease outbreak began in East Africa. In three months, 90,000 people became sick and almost 500 people died. Many animals in the region also died, causing economic difficulties for the people who relied on these animals for milk, meat, and as a trading commodity. The loss of human lives and animals was devastating for the communities. The cause of this outbreak was the Rift Valley fever virus.

[More >](#)



[Lead Poisoning Investigation in Northern Nigeria](#)

In early 2010, ducks began to disappear in northern Nigeria. People would later report that they noticed there were fewer ducks in the area, but no one thought it was important at the time.

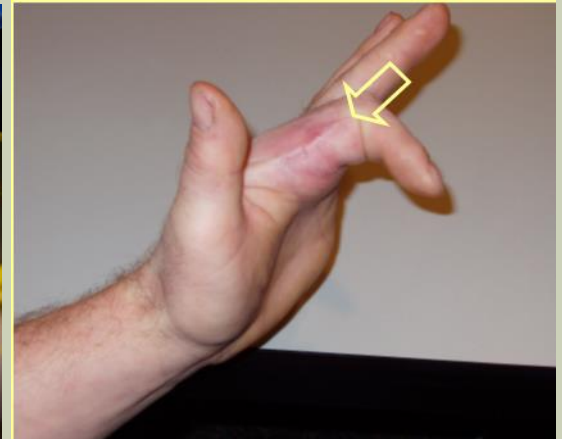
However, a few months later in May 2010, public health officials learned that hundreds of children had become sick in northern Nigeria. Reports stated that the children suffered from vomiting, abdominal pain, headaches, and seizures. After becoming ill, many of these children had died. The cause was unknown, and such a large number of childhood deaths and illnesses concerned public health officials.

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ONE HEALTH: CLOSER TO HOME

■ Bovine tuberculosis

- Endemic in five county area of Michigan's Northern Lower Peninsula
- Over 70 TB positive cattle herds and nearly 900 TB positive deer since 1990s
- Known zoonotic disease!



ONE HEALTH AND WILDLIFE

- Zoonoses are those infections we share with animals
- The total number of zoonoses is unknown
 - Taylor (2001), identified 1,415 known human pathogens; 62% were of zoonotic origin.



SO WHAT CAN I DO?

- **Rule #1:**
 - Listen to the squirrels
 - Take a deep breath
 - Use common sense!



COMMON SENSE GUIDELINES



Do not feed, pet, cuddle, kiss or allow wildlife in your home!

Feed your pets indoors-especially cats

Secure your trash

COMMON SENSE GUIDELINES

Leave wildlife wild!

Use your resources: mi.gov/wildlife



ONE HEALTH: ZOOZOSES

ZOOZOTIC DISEASES
spread BETWEEN animals and people



THANK YOU!



*“Knowing is not enough; we must apply.
Willing is not enough; we must do.”* —Goethe