The animal health industry is actively working with governments and regulators around the world to try to overcome the many challenges still existing to ensure that veterinary medicines can be delivered quickly and effectively when needed.

Salmonella costs the USA as much as $3bn annually.

World Zoonosis Day
6th July 2015

A history of the most notorious zoonotic diseases

To find out more on how protecting our animals will help protect our world visit www.HealthforAnimals.org/who-we-are/zoonoses-outbreaks or join the debate on Twitter @HealthforAnimals

Global examples of emerging & re-emerging infectious diseases

The economic impact of recent zoonotic disease outbreaks

A historical timeline of some of the most notorious zoonotic diseases demonstrates a highly probable increase in incidences over the years. This is most likely due to a growing population, increased globalisation, travel, international trade, pet ownership, socio-economic factors and climate change.

Newly emerging
Re-emerging/resurging
Deliberately emerging

Estimated cost ($BN)

Lassa fever
Hepatitis C
Lyme disease
Cryptosporidiosis
cvJD
Cryptosporidiosis
HIV
Enterovirus 71
Hendra virus
Nipah virus
H5N1 influenza
E. coli 0157:H7
Whitewater arroyo virus
Anthrax bioterrorism
Hantavirus pulmonary syndrome
SARS
Dengue
Yellow fever
Cholera
Marburg hemorrhagic fever
Ebola hemorrhagic fever
Plague
Human monkeypox
West Nile virus
Rift Valley fever
Diptheria
Vancomycin-resistant Staphylococcus aureus
Drug-resistant malaria
Multidrug-resistant tuberculosis
Typhoid fever

World Health Organization
http://who.int/mediacentre/factsheets/fs211/en/


Ebola Africa 2014-15
$1.6bn

Lyme disease USA
2002
$200m

H5N1 Avian influenza Worldwide 1997 $30bn

Nipah virus Asia 1999 $350-400m

BSE UK 1995 $5bn

BSE USA & Canada 2003-04 $6.5bn

SARS China, Hong Kong, Singapore, Canada 2003 $30-50bn

E-coli 0157:H7 USA 2010 $489-993mn

H1N1 Swine influenza Worldwide 2009 $45-55bn

Rabies Worldwide 2013 $124bn

The impact of zoonotic diseases on our health and livelihoods is significant: pre-1997, zoonoses killed an estimated 600,000 people per year. Today, estimates are in the tens of millions. Most zoonotic diseases are preventable, especially if you eat properly cooked meat and avoid contact with sick animals.

A majority of animal diseases can be transmitted to humans.

Preventive veterinary medicines & development of veterinary vaccines play an increasingly important role globally in effective disease control.

79% of all human diseases are of animal origin.

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