

AT WHAT COST? 2001 AND 2007 FOOT AND MOUTH DISEASE OUTBREAK UNITED KINGDOM

There have been two Foot and Mouth Disease outbreaks in the United Kingdom since 2000. There are lessons to be learned by comparing the impact of those events.

Foot and Mouth Disease	2001	2007
Duration of the Outbreak	8 Months	4 Months
Animals Depopulated	6 Million	2,160
Farms Depopulated	120,300	Less than 10
Suicides	60	0
Extent of Outbreak	Widespread	Localized
Cost in US Dollars	6.9 Billion	200 Million
Time to regain normalization of trade following eradication of disease	18 Months	2 Months

THE MONETARY COST OF THE 2001 FMD OUTBREAK WAS SECOND ONLY TO WORLD WAR II, IN THE HISTORY OF THE UNITED KINGDOM.

DEFRA (the UK equivalent to USDA) was completely dismantled following the 2001 outbreak.

Lessons learned following the 2001 FMD incident:

1. The total impact could have been reduced by 40% if the infected premise had been depopulated within 48 hours of detection.
2. The total impact could have been reduced by 66% if the contiguous premises had been depopulated within 48 hours of detection.
3. Failure to stop movement for three weeks allowed the disease to become widespread.

Changes made following the 2001 FMD incident that directly affected the 2001 FMD outbreak.

1. A national mandatory animal identification, premise identification and movement reporting system was put into place that facilitated TRACEABILITY of livestock.
2. A national plan that immediately enforced STOP MOVEMENT of animals and vehicles when disease was highly suspected.