

Roundtable on Syndromic Surveillance in Pigs

Introduction

Jim Scudamore

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Monitoring Health of the Pig herd

- Detect changes in the health of the pig herd
- Characterize the change
- Determining the causes
- Communication of information to decision makers-farmers, vets, government- routine and ad hoc
- Respond to the change = predictable, measured, logical

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Definition of surveillance

Defra

the on-going systematic **collection**, **collation**, **analysis** and **interpretation** of accurate information about a defined animal population with respect to disease and/or infection, closely integrated with **timely dissemination** of that information to those responsible for control and prevention measures.” 1999

World Health Organisation

The systematic ongoing collection, collation, and analysis of data and the timely dissemination of information to those who need to know **so that action can be taken** .-.

U S Centers for disease Control and Prevention.

The ongoing systematic collection, analysis and interpretation of health data essential to the planning, implementation and evaluation of public health practice closely integrated with the timely dissemination of these data to those who need to know. –

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Workshop discussions

Collection

- At what level should data be collected:
- What level of detail needed for each **clinical**/disease incident
- How should data be collected
- How can provision of data be encouraged to ensure good coverage

Collation and analysis

- How should data be collated and analysed

Dissemination

- How should data be reported back

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Challenges some of which are inter-related:

- Confidentiality,
- Standardisation-harmonisation,
- Lack of time,
- Good coverage, -Falling submissions to veterinary diagnostic labs
- Cost,
- Communication-Real-time reporting in/out
- Feedback

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Challenges 20:20 vision

Establish robust mechanisms for routine monitoring of the prevalence of key endemic diseases and baseline national health status, including engagement with smallholders and non-commercial pig keepers