

Immediate notification report

Report reference: , Ref OIE: 7596, Report Date: 10/12/2008 , Country: Philippines

Report Summary

Disease	Porcine reproductive and respiratory syndrome	Animal type	Terrestrial
Causal Agent	Porcine reproductive and respiratory syndrome virus	Reason	Unexpected increase in morbidity or mortality of a listed disease
Date of first confirmation of the event	30/10/2008	Date of Start of Event	10/07/2008
Date of report	10/12/2008	Date Submitted To OIE	10/12/2008
Summary description		Name of Sender of the report	Mr Davinio P. Catbagan
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Increased Distribution

Distribution	No Values
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Disease Impact

Increased	Land	Species	Change
Morbidity	BULACAN	Swine	5%=>20%
Morbidity	NUEVA ECIJA	Swine	5%=>100%
Mortality	BULACAN	Swine	5%=>20%

Epidemiology

Epidemiological comments	
<p>In the district of Sto Nino (Pandi municipality, Bulacan province), the mortality was mostly observed in piglets. In the district of Pinagpanaan (Talavera municipality, Nueva Ecija province), all animals were downers with clinical signs suggestive of Porcine reproductive and respiratory syndrome (PRRS)/Classical swine fever/Porcine circovirus type 2.</p> <p>The Philippines has experienced a sudden increase in mortalities in pigs in the latter part of the second quarter of 2007 until the first quarter of 2008. The clinical signs exhibited by the diseased animals indicated atypical infection, which can be attributed to more than one pathogen.</p> <p>Samples from the outbreaks were sent to the USDA Plum Island laboratory. Results show that samples were positive for porcine circovirus type 2 and atypical PRRS virus, which is 98% homologous to the atypical PRRS virus isolated in China and Vietnam. With high morbidity and mortality observed similar to China and Vietnam, it was concluded that these outbreaks were most likely caused by atypical PRRS virus.</p> <p>The USDA Plum Island laboratory also reported to have isolated Reston Ebola virus from swine samples. Although considered of negligible public health importance, as indicated in the literatures and by the previous incident in the Philippines in a monkey farm in early 1990s with no human cases in spite of close contact with the monkeys, as a precautionary measure the BAI-DA (Bureau of Animal Industry – Department of Agriculture) and the DOH (Department of Health) immediately organised a team to investigate the affected areas. Samples were collected from people and animals in the affected areas. Serum samples from animal caretakers and other people exposed to the animals were collected and tested at the DOH-RITM (Department of Health - Research Institute for Tropical Medicine), and all indicated negative results to Ebola-Reston antibodies. Results from animals are still pending the arrival of kits for swine testing from CDC Atlanta (Centers for disease control and prevention), which have committed to send in the Philippines. All animals in the affected areas have been put under strict quarantine. The BAI-DA and DOH team will continue to conduct epidemiological investigation.</p>	
Source of the outbreak(s) or origin of infection	• Introduction of new live animals

• Unknown or inconclusive

Control Measures

Applied	<ul style="list-style-type: none">• Movement control inside the country• Screening• Vaccination in response to the outbreak (s)• Disinfection of infected premises/establishment(s)	To be applied	• No Planned Control Measures
		Vaccination Prohibited	No
Animals treated	No		

Vaccination in response to outbreak

Province	Species	Number Vaccinated	Details
BULACAN	Swine	5000	Ongoing

Country / Zone

Country or zone	the whole country
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Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Foreign Animal Disease Diagnostic Laboratory, Plum Island, New York	Swine	virus isolation	30/10/2008	Positive