



African swine fever,
India

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Information received on 21/05/2020 from Dr Atul Chaturvedi, Secretary, Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying, New Delhi, India

Summary

Report type	Immediate notification
Date of start of the event	26/01/2020
Date of confirmation of the event	18/05/2020
Report date	19/05/2020
Date submitted to OIE	21/05/2020
Reason for notification	First occurrence of a listed disease in the country
Causal agent	African swine fever virus
Nature of diagnosis	Laboratory (advanced)
This event pertains to	a defined zone within the country

New outbreaks (11)

Outbreak 1	Huchang, Damsite, Naharlagun, Papum Pare, Arunachal Pradesh					
Date of start of the outbreak	26/01/2020					
Outbreak status	Continuing (or date resolved not provided)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
	Swine	419	156	103	0	0

Outbreak 2	Bamin, Bilat, East Siang, Arunachal Pradesh					
Date of start of the outbreak	26/01/2020					
Outbreak status	Continuing (or date resolved not provided)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
	Swine	653	123	67	0	0

Outbreak 3	Pasighat Town, Pasighat, East Siang, Arunachal Pradesh					
Date of start of the outbreak	26/01/2020					
Outbreak status	Continuing (or date resolved not provided)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
	Swine	1551	165	101	0	0

Outbreak 4	Pipolguri, Sissiborgaon, Dhemaji, Assam					
Date of start of the outbreak	24/02/2020					
Outbreak status	Continuing (or date resolved not provided)					
Epidemiological unit	Village					

Affected animals	Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
	Swine	2450	1897	1803	0	0

Outbreak 5	Kotiyori, Demow, Sivasagar, Assam					
Date of start of the outbreak	07/03/2020					
Outbreak status	Continuing (or date resolved not provided)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
	Swine	289	163	117	0	0

Outbreak 6	Bor-Tamuli-II, Pub-Chaiduar, Biswanath, Assam					
Date of start of the outbreak	20/03/2020					
Outbreak status	Continuing (or date resolved not provided)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
	Swine	689	317	283	0	0

Outbreak 7	Khelowa, Sivasagar, Sivasagar, Assam					
Date of start of the outbreak	23/03/2020					
Outbreak status	Continuing (or date resolved not provided)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
	Swine	731	326	298	0	0

Outbreak 8	Gorchuk, Ward No.7, Kamrup Metro, Assam					
Date of start of the outbreak	02/04/2020					
Outbreak status	Continuing (or date resolved not provided)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
	Swine	153	22	22	0	0

Outbreak 9	Nitai-pukhuri, Demow, Sivasagar, Assam					
Date of start of the outbreak	02/04/2020					
Outbreak status	Continuing (or date resolved not provided)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
	Swine	642	62	45	0	0

Outbreak 10	Bormukoli, Dergaon, Jorhat, Assam					
Date of start of the outbreak	10/04/2020					
Outbreak status	Continuing (or date resolved not provided)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
	Swine					

Swine	2580	956	853	0	0
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Outbreak 11	D-Sector, Nirjuli, Doimukh, Papum Pare, Arunachal Pradesh					
Date of start of the outbreak	23/04/2020					
Outbreak status	Continuing (or date resolved not provided)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
	Swine	763	12	9	0	0

Summary of outbreaks	Total outbreaks: 11					
Total animals affected	Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
	Swine	10920	4199	3701	0	0
Outbreak statistics	Species	Apparent morbidity rate	Apparent mortality rate	Apparent case fatality rate	Proportion susceptible animals lost*	
	Swine	38.45%	33.89%	88.14%	33.89%	
*Removed from the susceptible population through death, destruction and/or slaughter						

Epidemiology

Source of the outbreak(s) or origin of infection	Unknown or inconclusive
Epidemiological comments	Culling of all susceptible pigs in the one-km-radius of the epicenter under progress. The information will be submitted in the follow-up report. The virus belongs to the genotype II.

Control measures

Measures applied	<ul style="list-style-type: none"> Movement control inside the country Surveillance outside containment and/or protection zone Surveillance within containment and/or protection zone Official destruction of animal products Official disposal of carcasses, by-products and waste Stamping out Disinfection Control of vectors Vector surveillance Vaccination permitted (if a vaccine exists) No treatment of affected animals
Measures to be applied	No other measures

Diagnostic test results

Laboratory name and type	Species	Test	Test date	Result
National Institute of High Security Animal Diseases (NIHSAD), Indian Council of Agricultural Research (ICAR) (National laboratory)	Swine	virus isolation	18/05/2020	Positive

Future Reporting

The event is continuing. Weekly follow-up reports will be submitted.
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Map of outbreak locations

