

Voluntary Report – Voluntary - Public Distribution

Date: March 08, 2022

Report Number: IN2022-0019

Report Name: India - Highly Pathogenic Avian Influenza Outbreaks in Maharashtra State

Country: India

Post: New Delhi

Report Category: Poultry and Products, Pest/Disease Occurrences, Sanitary/Phytosanitary/Food Safety, Agricultural Situation, Agriculture in the News

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Report Highlights:

On February 25, 2022, the Indian government reported outbreaks of the highly pathogenic influenza virus (HPAI) of the serotype H5N1 to the World Organization for Animal Health (OIE). The outbreaks were reported on poultry farms in the Vehloli village of Shahapur tehsil in the Thane district and in the Agashi/Vatar areas of Vasai Taluka in Palghar district of the Indian state of Maharashtra. The Indian government has issued an advisory to the affected state (i.e., Maharashtra) to contain the outbreak.

DISCLAIMER: The information contained in this report was retrieved from the OIE-World Organization for Animal Health website <https://www.oie.int/en/disease/avian-influenza/> and the Government of India - Department of Animal Husbandry and Dairying website <https://dahd.nic.in/>. The U.S. Embassy in New Delhi – Foreign Agricultural Service (FAS) Office of Agricultural Affairs (OAA), USDA and/or the U.S. government make no claim of accuracy or authenticity. The Government of India has not officially endorsed this report. [Note: Use Google Chrome to access the links that do not open in Internet Explorer. Indian host sites will geo-block site access on a rolling basis].

GENERAL INFORMATION

On February 25, 2022, the Indian government reported the outbreak of the highly pathogenic influenza virus of the serotype H5N1 to the [World Organization for Animal Health](#) (OIE). Outbreaks were reported on poultry farms in three locations that fall within two districts in the Indian state of Maharashtra (western India). The outbreaks occurred in the Vehloli village of Shahapur tehsil in the Thane district and in the Agashi/Vatar areas of Vasai Taluka in the Palghar district of Maharashtra.

In Vehloli village, India notified that 24,126 birds were deemed susceptible. Of these 23,187 were culled and 309 birds were reported as dead. In the Vatar area, 1,390 birds were deemed susceptible. Of these 872 were culled and 518 birds were reported dead. Finally, in the Agashi area, 2,792 were deemed susceptible, and of these, 2,243 were culled and 549 birds were reported dead.

The February 25, 2022, outbreak's status is being reported as ongoing. According to FAS New Delhi's industry sources, the reported outbreaks have not had a major impact on trade since they have been confined to a limited area. Additional information is available on the [OIE Notification of March 1, 2022](#).

The Indian government issued an advisory to the affected state (i.e., Maharashtra) to contain the outbreak as per their [Revised Action Plan on "Prevention, Control, and Containment of Avian Influenza,"](#) which restricts access to infected premises and provides standard operating procedures for culling and disposing of birds and infected materials, among other activities.

Immediate notification

01/03/2022

The event is ongoing. Weekly follow-up reports will be submitted.

Sender	Country/territory	Report ID
Delegate of India	India	IN_154277
Event status	Self-declaration	
On-going	No	

General information

Country or zone - Zone	Disease - High pathogenicity avian influenza viruses (poultry) (Inf. with)	Started on - 02/02/2022
Animal type - Terrestrial	Genotype/serotype/subtype - H5N1	Confirmed on - 16/02/2022
Causal agent - Highly pathogenic avian influenza virus	Disease category - OIE-listed	Reported on - 25/02/2022
Last occurrence - 30/09/2020	Reason - Recurrence of an eradicated disease	

Epidemiology

Source of the event or origin of the infection - Unknown or inconclusive

Epidemiological comments

Control measures at event level

Domestic control measures

Applied

- Surveillance within containment and or the protection zone
- Surveillance outside containment and or the protection zone
- Stamping out
- Screening
- Quarantine
- Official disposal of carcasses, by-products and waste
- Official destruction of animal products
- Disinfection

Wild control measures

Diagnostic

Clinical signs - Yes

Method of diagnostic - Diagnostic test

Test name	Category	Test type	Laboratory	Species sampled	Outbreaks	Tested from	Tested until	Result
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	National Institute of High Security Animal Diseases (NIHSAD), Bhopal, India OIE Reference Laboratory	Birds	1	10/02/2022	13/02/2022	Positive
Real-time reverse	Nucleic acid detection	Laboratory Test	National Institute of	Birds	2	14/02/2022	16/02/2022	Positive

transcription polymerase chain reaction (rRT-PCR)			High Security Animal Diseases (NIHSAD), Bhopal, India OIE Reference Laboratory						
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Quantitative data summary

Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
Birds	New	28308	1376	1376	26932	-	-	-	-
Birds	Total	28308	1376	1376	26932	-	-	-	-
All species	New	28308	1376	1376	26932	-	-	-	-
All species	Total	28308	1376	1376	26932	-	-	-	-

Outbreaks

ob_98004-Vatar

Started on - 10/02/2022 First administrative division - Maharashtra Detailed characterization - -

Second administrative division - Palghar Epidemiological unit - Farm Geographic coordinates - 19.44189,72.77522

Third administrative division - Vasai Location - Vatar

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Birds	New	Animal	1390	518	518	872	-	-
Birds	Total	Animal	1390	518	518	872	-	-
All species	New	Animal	1390	518	518	872	-	-
All species	Total	Animal	1390	518	518	872	-	-

ob_98001-Vehloli, Vashind

Started on - 02/02/2022 First administrative division - Maharashtra Detailed characterization - -

Second administrative division - Thane Epidemiological unit - Farm Geographic coordinates - 19.41684,73.29618

Third administrative division - Shahapur Location - Vehloli, Vashind

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Birds	New	Animal	24126	309	309	23817	-	-
Birds	Total	Animal	24126	309	309	23817	-	-
All species	New	Animal	24126	309	309	23817	-	-
All species	Total	Animal	24126	309	309	23817	-	-

Control measures different from event level

Additional measures - Movement control inside the country

ob_98002-Agashi(Arnala)

Started on - 10/02/2022 First administrative division - Maharashtra Detailed characterization - -

Second administrative division - Palghar Epidemiological unit - Farm

Geographic coordinates -
19.45003,72.755918

Third administrative division - Vasai Location - Agashi(Arnala)

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Birds	New	Animal	2792	549	549	2243	-	-
Birds	Total	Animal	2792	549	549	2243	-	-
All species	New	Animal	2792	549	549	2243	-	-
All species	Total	Animal	2792	549	549	2243	-	-

Attachments:

No Attachments.