

Brazil - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Immediate notification

GENERAL INFORMATION

COUNTRY/TERRITORY OR ZONE	ANIMAL TYPE	DISEASE CATEGORY	EVENT ID
COUNTRY/TERRITORY	TERRESTRIAL	Listed disease	5057
DISEASE	CAUSAL AGENT	GENOTYPE / SEROTYPE / SUBTYPE	START DATE
Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-)	Highly pathogenic avian influenza virus	H5N1	2023/05/08
REASON FOR NOTIFICATION	DATE OF LAST OCCURRENCE	CONFIRMATION DATE	EVENT STATUS
First occurrence in the country	-	2023/05/15	On-going
END DATE	SELF-DECLARATION		
-	NO		

REPORT INFORMATION

REPORT NUMBER	REPORT ID	REPORT REFERENCE	REPORT DATE
Immediate notification	IN_160880	-	2023/05/15
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Unknown or inconclusive

EPIDEMIOLOGICAL COMMENTS

Two weakened shorebirds of the species *Thalasseus acuflavidus* were rescued from two beaches of the coast of the state of Espírito Santo, and sent to a nearby rehabilitation center for wild species. Two days after admission, both birds, in addition to another, of the species *Sula leucogaster*, also kept at the same premise, presented neurological signs, resulting in that one of them died and the other two were euthanized. According to the guidelines of the National Plan for Avian Influenza Surveillance, the Official Veterinary Service collected and sent the samples for Avian Influenza diagnosis at the WOAHA Avian Influenza Reference Laboratory in Campinas / São Paulo. The laboratory tests confirmed the detection of the Avian Influenza virus type H5N1 in the three birds.

QUANTITATIVE DATA SUMMARY

MEASURING UNIT

Animal

Species	Susceptible	Cases	Deaths	Killed and	Slaughtered/ Killed for	Vaccinated
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		Disposed of			commercial use	
brown booby (wild)	NEW -	1	0	1	0	0
	TOTAL -	1	0	1	0	0
cabot's tern (wild)	NEW -	2	1	1	0	0
	TOTAL -	2	1	1	0	0
all species	NEW -	3	1	2	0	0
	TOTAL -	3	1	2	0	0

DIAGNOSTIC DETAILS

CLINICAL SIGNS

YES

METHOD OF DIAGNOSTIC

Clinical,
Diagnostic test

Test name	Laboratory	Species sampled	Number of outbreaks sampled	First result date	Latest result date	Result
Real-time polymerase chain reaction (real-time PCR)	Laboratório Federal de Defesa Agropecuária em Sao Paulo (LFDA)	Brown Booby, Cabot's Tern	3	2023/05/15	2023/05/15	Positive

CONTROL MEASURES

CONTROL MEASURES AT EVENT LEVEL

Surveillance within the restricted zone
 Surveillance outside the restricted zone
 Official disposal of carcasses, by-products and waste
 Surveillance within the restricted zone
 Surveillance outside the restricted zone
 Disinfection

DOMESTIC ANIMALS

Applied
 Applied

WILD ANIMALS

Applied
 Applied
 Applied
 Applied

NEW OUTBREAKS

OB_118554 - ES_32033200004 - COLÔNIA BEACH

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
ES_32033200004	2023/05/08	2023/05/15	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Espírito Santo	Marataízes	Marataízes	Other
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Colônia Beach	-21.0366 , -40.8176 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

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Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
cabot's tern	NEW	-	1	1	0	0	0
(wild) wild	TOTAL	-	1	1	0	0	0

METHOD OF DIAGNOSTIC

-

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

-	-
OB_118555 - ES_32053090018 - CAMBURI BEACH	

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
ES_32053090018	2023/05/10	2023/05/15	-

FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Espírito Santo	Vitoria	Pesquisar	Other

LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Camburi Beach	-20.2904 , -40.29 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

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Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
cabot's tern	NEW	-	1	0	1	0	0
(wild) wild	TOTAL	-	1	0	1	0	0

METHOD OF DIAGNOSTIC

-

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

-	-
OB_118556 - ES_32013080008 - INSTITUTO DE PESQUISA E REABILITAÇÃO DE ANIMAIS MARINHOS	

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
ES_32013080008	2023/05/09	-	-

FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Espírito Santo	Cariacica	Itaquari	Other

LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Instituto de Pesquisa e Reabilitação de Animais Marinhos	-20.3312 , -40.3596 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

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Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
brown booby	NEW	-	1	0	1	0	0
(wild) wild	TOTAL	-	1	0	1	0	0

METHOD OF DIAGNOSTIC

-

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

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