

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 |
|---------|-------------|-------|--------|------------|-------------------------|------------|
|---------|-------------|-------|--------|------------|-------------------------|------------|

| | | 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

-

| 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

-

| 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

-

| 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

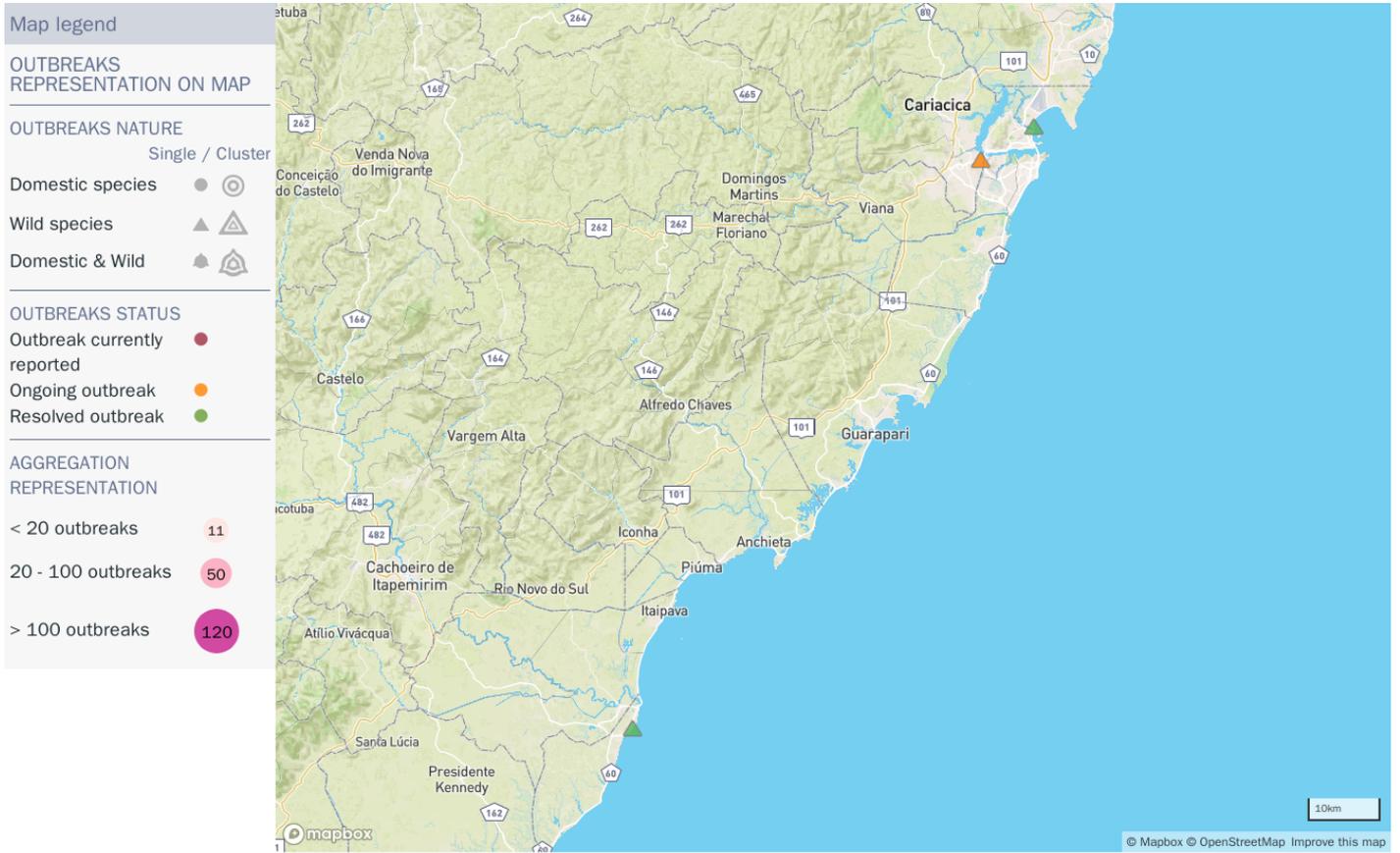
MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

-

-

MAP



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