# Denmark - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Immediate notification [FINAL]

## GENERAL INFORMATION

| COUNTRY/TERRITORY OR ZONE | ANIMAL TYPE | DISEASE CATEGORY | EVENT ID |
|---|---|---|---|
| COUNTRY/TERRITORY | TERRESTRIAL | Listed disease | 4412 |

| 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 | H5N8 | 2021/09/30 |

| REASON FOR NOTIFICATION | DATE OF LAST OCCURRENCE | CONFIRMATION DATE | EVENT STATUS |
|---|---|---|---|
| Unusual host species | - | 2022/02/14 | Resolved |

| END DATE | SELF-DECLARATION |
|---|---|
| 2021/09/30 | NO |

## REPORT INFORMATION

| REPORT NUMBER | REPORT ID | REPORT REFERENCE | REPORT DATE |
|---|---|---|---|
| Immediate notification | IN_155011 | - | 2022/04/19 |

| REPORT STATUS | NO EVOLUTION REPORT |
|---|---|
| Validated | - |

## EPIDEMIOLOGY

**SOURCE OF EVENT OR ORIGIN OF INFECTION**

- Unknown or inconclusive

**EPIDEMIOLOGICAL COMMENTS**

The harbor seal was examined in connection with Danish surveillance programme for diseases in wildlife. In total 29 harbor seals and 15 grey seals were examined in 2021, influenza A virus of high pathogenicity was only detected in the one habor seal reported in this report. Cases of avian influenza in seals is known to occur on rare occasions. Further information (in Danish) is available at: https://www.ssi.dk/aktuelt/nyheder/2022/fugleinfluenza-i-dansk-sael

## QUANTITATIVE DATA SUMMARY

**MEASURING UNIT**

Animal

| Species | | Susceptible | Cases | Deaths | Killed and Disposed of | Slaughtered/ Killed for commercial use | Vaccinated |
|---|---|---|---|---|---|---|---|
| harbor seal (wild) | NEW | - | 1 | 1 | 0 | 0 | 0 |
| | TOTAL | - | 1 | 1 | 0 | 0 | 0 |

## DIAGNOSTIC DETAILS

**CLINICAL SIGNS**
YES

**METHOD OF DIAGNOSTIC**
Diagnostic test

| Test name | Laboratory | Species sampled | Number of outbreaks sampled | First result date | Latest result date | Result |
|---|---|---|---|---|---|---|
| Polymerase chain reaction (PCR) | Statens Serum Institut | Harbor Seal | 1 | 2022/02/14 | 2022/02/14 | Positive |

## CONTROL MEASURES

**CONTROL MEASURES AT EVENT LEVEL** **DOMESTIC ANIMALS** **WILD ANIMALS**

## NEW OUTBREAKS

## OB_101583 - FEDDET STRAND

**OUTBREAK REFERENCE**
-

**START DATE**
2021/09/30

**END DATE**
2021/09/30

**DETAILED CHARACTERISATION**
-

**FIRST ADMINISTRATIVE DIVISION**
Veterinary Inspection Unit East

**SECOND ADMINISTRATIVE DIVISION**
Assens

**THIRD ADMINISTRATIVE DIVISION**
-

**EPIDEMIOLOGICAL UNIT**
Not applicable

**LOCATION**
Feddet strand

**Latitude, Longitude**
55.208 , 9.987
(Approximate location)

**OUTBREAKS IN CLUSTER**
-

**Measuring unit**
Animal

**AFFECTED POPULATION DESCRIPTION**

A harbor seal (Phoca vitulina) was found dead on the beach in Municipality of Assens in september 2021. On February 14th 2022, Statens Serum Institute confirmed influenza A virus of high pathogenicity (H5N8) in samples from the seal.

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

**METHOD OF DIAGNOSTIC**

Diagnostic test

**CONTROL MEASURES DIFFERENT FROM EVENT LEVEL**

| MEASURES NOT IMPLEMENTED | ADDITIONAL MEASURES |
|---|---|
| - | - |