Uruguay - 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
ZONE	TERRESTRIAL	Listed disease	5046

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	H5 (N untyped)	2023/05/05

REASON FOR NOTIFICATION	DATE OF LAST OCCURRENCE	CONFIRMATION DATE	EVENT STATUS
Unusual host species	-	2023/05/08	On-going

END DATE	SELF-DECLARATION
-	NO

REPORT INFORMATION

REPORT NUMBER	REPORT ID	REPORT REFERENCE	REPORT DATE
Immediate notification	IN_160812	Uru_2023	2023/05/10

REPORT STATUS	NO EVOLUTION REPORT
Validated	-

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Contact with wild species
- Fomites (humans, vehicles, feed, etc.)

EPIDEMIOLOGICAL COMMENTS

On May 5th, the Official Service was notified of the death of four female South-American coatis in the Natural Reserve in the department of Flores. The Official Service went on site and performed a rapid test on one of the dead animals, which was positive. Samples were sent to the Official Laboratory (anal, tracheal, oropharyngeal and ocular swabs), the samples were tested by real-time PCR and were positive for H5. During the week, 12 more animals died and were buried and disinfection was performed. Samples for the sequencing of avian influenza virus genomes were sent to the Evolutionary Genetics Section of the Faculty of Sciences.

QUANTITATIVE DATA SUMMARY

MEASURING UNIT

Animal

Species	Susceptible	Cases	Deaths	Killed and	Slaughtered/ Killed for	Vaccinated

					Disposed of	commercial use	
south american coati (wild)	NEW	23	16	16	-	-	-
	TOTAL	23	16	16	-	-	-

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
Real-time polymerase chain reaction (real-time PCR)	División de laboratorios veterinarios	South American Coati	1	2023/05/08	2023/05/08	Positive

CONTROL MEASURES

CONTROL MEASURES AT EVENT LEVEL	DOMESTIC ANIMALS	WILD ANIMALS
Disinfection		Applied
Surveillance within the restricted zone		Applied
Official disposal of carcasses, by-products and waste		Applied

NEW OUTBREAKS

OB_118238 - FLORES

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

FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Flores	n.a106	-	Zoo

LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Flores	-33.4961 , -56.8232 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

On May 5th, four South-American coatis were reported dead in the Natural Reserve in the Department of Flores.

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
south american coati (wild) captive	NEW	23	16	16	-	-	-
	TOTAL	23	16	16	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-