

Peru - 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	5070
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)	2023/01/18
REASON FOR NOTIFICATION	DATE OF LAST OCCURRENCE	CONFIRMATION DATE	EVENT STATUS
Unusual host species	-	2023/02/06	On-going
END DATE	SELF-DECLARATION		
-	NO		

REPORT INFORMATION

REPORT NUMBER	REPORT ID	REPORT REFERENCE	REPORT DATE
Immediate notification	IN_161009	-	2023/08/17
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Contact with wild species

EPIDEMIOLOGICAL COMMENTS

Reports managed by SENASA and by other wildlife-related entities for which relevant epidemiological information is available.

QUANTITATIVE DATA SUMMARY

MEASURING UNIT

Animal

Species		Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
lion (wild)	NEW	1	1	1	-	-	-
	TOTAL	1	1	1	-	-	-
south-american sea lion (wild)	NEW	-	2	2	-	-	-

	TOTAL -	2	2	-	-	-
all species	NEW 1	3	3	-	-	-
	TOTAL 1	3	3	-	-	-

DIAGNOSTIC DETAILS

CLINICAL SIGNS			METHOD OF DIAGNOSTIC			
YES			Diagnostic test			
Test name	Laboratory	Species sampled	Outbreak ID	Result date	Result	
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Instituto Nacional de Salud	South-American sea lion	ob_120123	2023/03/07	Positive	
Whole genome sequencing (WGS)	Laboratorio de Genómica de la Pontificia Universidad Católica del Perú	South-American sea lion	ob_119992	2023/02/06	Positive	
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Certificaciones del Perú (CERPER)	Lion	ob_120117	2023/02/07	Positive	

CONTROL MEASURES

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

NEW OUTBREAKS

OB_120123 - 0272300025 - PLAYA CENIZALES, LA YARADA LOS PALOS, TACNA, TACNA

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
0272300025	2023/03/03	2023/08/17	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Tacna	Tacna	Tacna	Body of water
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Playa Cenizales, La Yarada Los Palos, Tacna, Tacna	-18.320303 , -70.415216	-	Animal

AFFECTED POPULATION DESCRIPTION

On March 3rd, SENASA staff found a sea lion dead during activities to collect and bury dead seabirds on the coast. They collected samples and sent them to the National Health Institute Laboratory of the Ministry of Health, which tested positive for influenza type A H5.

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
south-american sea lion (wild) wild	NEW	-	1	1	-	-	-
	TOTAL	-	1	1	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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OB_120117 - 0112300006 - CERRITO DE LA LIBERTAD, HUANCAYO, HUANCAYO, JUNIN

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
0112300006	2023/01/26	2023/08/17	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Junin	Huancayo	Huancayo	Zoo
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Cerrito de La Libertad, Huancayo, Huancayo, Junin	-12.06172 , -75.196924	-	Animal

AFFECTED POPULATION DESCRIPTION

On January 24th, 2023, the technical agency for forests and wildlife in Sierra Central region - SERFOR - reported the death of wild birds (black-chested buzzard-eagle) with respiratory disorders at the Huancayo Zoo (event reported). While monitoring the animals on January 26th, a lioness was found dead, a necropsy was performed and samples were taken and sent to the Faculty of Veterinary Medicine of the Universidad Nacional Mayor de San Marcos, where they were tested in a private laboratory (CERPER). The result was positive for avian influenza H5N1. The result is not considered conclusive because other carnivorous mammals (in other cages) were not affected even though they were given the same food.

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

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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OB_119992 - CHORRILLOS

Quarantine
Surveillance within the restricted zone
Movement control

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/01/18	2023/08/17	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Lima Province	Lima	Chorrillos	Body of water
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Chorrillos	-12.1867 , -77.0372 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

On January 18th, staff from the technical agency for forests and wildlife in Lima (ATFFS-Lima) collected samples from a sea lion specimen (Otaria flavescens) found during activities carried out following alerts on findings concerning sea lions stranded. Samples were sent to the Genomics Laboratory of the Pontificia Universidad Católica de Perú (PUCP) and tested positive for avian influenza H5N1.

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
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south-american sea	NEW	-	1	1	-	-	-
lion (wild) wild	TOTAL	-	1	1	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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