

Avian Influenza Report

Avian Influenza Report is a weekly report produced by the Surveillance Division of the Communicable Disease Branch of the Centre for Health Protection. This report highlights global avian influenza activity in humans and birds.

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Summary

1. Since the previous issue of Avian Influenza Report (AIR), there were no new human cases of avian influenza A(H7N9). Since March 2013 (as of January 22, 2022), there were a total of 1568 human cases of avian influenza A(H7N9) reported globally (all were reported in the seven waves between 2013 and September 2019). The latest case was reported on April 5, 2019.
2. Since the previous issue of AIR, there were no new human cases of avian influenza A(H5N6). Since 2014 (as of January 22, 2022), there were 64 human cases of avian influenza A(H5N6) reported globally and 63 of them occurred in Mainland China. The latest case was reported on January 13, 2022.
3. Since the previous issue of AIR, there were no new human cases of avian influenza A(H5N1). From 2012 to 2021, 0 to 145 confirmed human cases of avian influenza A(H5N1) were reported to WHO annually (according to onset date).* The latest case was reported on August 16, 2021.

* Since November 21, 2012, WHO only publishes information on human cases with avian influenza A(H5N1) infection in "[Influenza at human – animal interface: Monthly Risk Assessment Summary](#)". Only cases of human infection with H5N1 involved in events that are unusual or associated with potential increased risks will be reported in Disease Outbreak News. The latest [report](#) was published in December, 2021.

This week's highlights

(Sources: WHO, NHC, Mainland health authorities, Ministry of Agriculture of the People's Republic of China, Centre for Health Protection (CHP) and World Organisation for Animal Health (OIE))

Table 1. Hong Kong: Confirmed human cases of avian influenza A(H5N1 / H5N6 / H7N9) since previous issue of AIR

	No. of H5 cases (No. of deaths)	No. of H7N9 cases (No. of deaths)	Details
In this reporting period	0(0)	0(0)	-

Table 2. Outside Hong Kong: Confirmed human cases of avian influenza A(H5N1 / H5N6 / H7N9) since previous issue of AIR

Date of report	Country	Province / Region	District / City	Sex	Age	Condition at time of reporting	Subtype of virus
-	-	-	-	-	-	-	-

Table 3. Confirmed human cases of avian influenza A(H5N1) reported to WHO / NHC since 2003 (by onset date) §

Year	Cases	Deaths	Case fatality rate
2003	4	4	100%
2004	46	32	69.6%
2005	98	43	43.9%
2006	115	79	68.7%
2007	88	59	67.0%
2008	44	33	75.0%
2009	73	32	43.8%
2010	48	24	50.0%
2011	62	34	54.8%
2012	32	20	62.5%
2013	39	25	64.1%
2014	52	22	42.3%
2015	145	42	29.0%
2016	10	3	30.0%
2017	4	2	50.0%
2018	0	0	0%
2019	1	1	100%
2020	1	0	0%
2021	1	1	100%
2022	0	0	0%
Overall	863	456	52.8%

§ Further breakdown by countries is available at [WHO](https://www.who.int/) website

Table 4. Confirmed human cases of avian influenza A(H5N1) reported to WHO / NHC since 2003 (by date of reporting)

Countries /Areas	Cumulative no. of cases (December 2003 to January 2022)	No. of recent cases (September 2021 to January 2022)
Azerbaijan	8	0
Bangladesh	8	0
Cambodia	56	0
Canada	1	0
Mainland China	53 [#]	0
Djibouti	1	0
Egypt	359	0
India	1	0
Indonesia	200	0
Iraq	3	0
Lao People's Democratic Republic	3	0
Myanmar	1	0
Nepal	1	0
Nigeria	1	0
Pakistan	3	0
Thailand	25	0
Turkey	12	0
Vietnam	127	0
Overall	863	0

[#] Including two cases from Mainland China detected in Hong Kong

Table 5. Cumulative numbers of confirmed cases of human infection with avian influenza A(H5N6) since 2014 and since January 2022 respectively

Confirmed H5N6 human cases have been reported in the following countries / areas	Cumulative no. of cases since 2014 (64 cases in total) (as of January 22, 2022)	Cumulative no. of cases since January 2022 (6 cases in total) (as of January 22, 2022)
Guangdong Province	13	1
Guangxi Zhuang Autonomous Region	13	2
Hunan Province	13	0
Sichuan Province	9	2
Chongqing Municipality	3	0
Anhui Province	2	0
Jiangsu Province	2	0
Yunnan Province	2	0
Beijing Municipality	1	0
Fujian Province	1	0
Guizhou Province	1	0
Hubei Province	1	0
Jiangxi Province	1*	0
Zhejiang Province	1	1
Lao People's Democratic Republic	1	0

* Imported case from Guangdong

Table 6. Cumulative numbers of confirmed cases of human infection with avian influenza A(H7N9) since 2013 and since October 2021 respectively

Confirmed H7N9 human cases have been reported in the following countries / areas		Cumulative no. of cases since 2013 (1568 cases in total) (as of January 22, 2022)	Cumulative no. of cases since October 2021 (0 case in total) (as of January 22, 2022)
Mainland China	Zhejiang Province	310	0
	Guangdong Province	259	0
	Jiangsu Province	252	0
	Fujian Province	108	0
	Anhui Province	99	0
	Hunan Province	95	0
	Shanghai Municipality	57	0
	Jiangxi Province	52	0
	Sichuan Province	38	0
	Beijing Municipality	35	0
	Guangxi Zhuang Autonomous Region	31	0
	Hubei Province	31	0
	Hebei Province	29	0
	Henan Province	28	0
	Shandong Province	28	0
	Guizhou Province	20	0
	Xinjiang Uygur Autonomous Region	14	0
	Chongqing Municipality	9	0
	Yunnan Province	8	0
	Shaanxi Province	7	0
	Gansu Province	6	0
	Liaoning Province	5	0
	Tianjin Municipality	5	0
	Jilin Province	3	0
Shanxi Province	3	0	
Tibet Autonomous Region	3	0	
Inner Mongolia Autonomous Region	2	0	
Hong Kong	21*	0	
Taiwan	5*	0	
Canada	2*	0	
Macao	2 [#]	0	
Malaysia	1*	0	

* All cases imported from Mainland China

[#] The latest case imported from Mainland China

Table 7. Confirmed human cases of avian influenza A infections other than avian influenza A(H5N1 / H5N6 / H7N9) reported in the past 6 months (as of January 24, 2022)

	Place of occurrence	No. of cases (No. of deaths)	Details
In this reporting period	Mainland China	1(0)	Avian influenza A(H9N2) ▪ Anhui Province:

	Place of occurrence	No. of cases (No. of deaths)	Details
			<ul style="list-style-type: none"> ▫ A 5-year-old boy with onset on November 13, 2021.
Previously reported cases (onset/ reported in the past 6 months)	Mainland China	10(1)	<p>Avian influenza A(H9N2):</p> <ul style="list-style-type: none"> ▪ Hunan Province: <ul style="list-style-type: none"> ▫ A 20-month-old girl with onset on August 23, 2021. ▪ Guizhou Province: <ul style="list-style-type: none"> ▫ A 11-year-old boy with onset on September 6, 2021. ▫ A 39-year-old male with onset on October 29, 2021. ▪ Guangdong Province: <ul style="list-style-type: none"> ▫ A 3-year-old girl with onset on September 26, 2021. ▫ A 7-year-old boy with onset on November 28, 2021. ▫ A 7-year-old girl with onset on December 6, 2021. ▪ Jiangsu Province: <ul style="list-style-type: none"> ▫ A 7-year-old girl with onset on November 27, 2021. ▪ Hubei Province: <ul style="list-style-type: none"> ▫ A 3-year-old girl with onset on December 7, 2021. ▫ A 3-year-old boy with onset on December 13, 2021. ▪ Guangxi Zhuang Autonomous Region: <ul style="list-style-type: none"> ▫ A 14-year-old girl with onset on December 9, 2021.

Table 8. Hong Kong: Confirmed reports of avian influenza A(H5) or avian influenza A(H7N9) in poultry / wild birds / environmental samples since 2015

	No. of reports of H5 in poultry / wild birds / environmental samples	No. of reports of H7N9 in poultry / wild birds / environmental samples	Details
In this reporting period	1*	0	<p>Avian influenza A(H5): A carcass of a Eurasian Curlew found in the Mai Po Nature Reserve was suspected to be positive for avian</p>

	No. of reports of H5 in poultry / wild birds / environmental samples	No. of reports of H7N9 in poultry / wild birds / environmental samples	Details
			influenza A(H5). Further confirmatory tests are being conducted.
Previously reported cases since 2015 (before this reporting period)	19*	1#	-

- * [Carcass of a peregrine falcon found in Yuen Long on April 9, 2015 \(H5N6\)](#)
[Carcass of an oriental magpie robin found in Sai Kung on April 29, 2015 \(H5N6\)](#)
[Carcass of an oriental magpie robin found in Kwai Chung on November 17, 2015 \(H5N6\)](#)
[Carcass of a great egret found in Wong Tai Sin on December 31, 2015 \(H5N6\)](#)
[Chicken carcass found in Tuen Mun on February 14, 2016 \(H5N6\)](#)
[Chicken carcass found in Tai O on February 18, 2016 \(H5N6\)](#)
[Samples of faecal droppings collected at Mai Po Nature Reserve on November 25, 2016 \(H5N6\)](#)
[A sample of faecal droppings collected at Mai Po Nature Reserve on November 30, 2016 \(H5N6\)](#)
[A dead red-whiskered bulbul collected at Kowloon City on April 7, 2017 \(H5N6\)](#)
[A dead oriental magpie robin found in Tseung Kwan O on December 21, 2017 \(H5N6\)](#)
[A dead black-faced spoonbill found in the Hong Kong Wetland Park in Tin Shui Wai on December 21, 2017 \(H5N6\)](#)
[An environmental swab of a chopping board and skin swabs of a chilled duck sample taken from a fresh provision shop in Wan Chai on 2 January & 9 January, 2018 \(H5N6\)](#)
[An oropharyngeal swab from a batch of chilled chicken taken at a fresh provision shop in Mong Kok, reported on 23 January, 2018 \(H5N6\)](#)
[A black-headed gull carcass found in Ngau Hom Tsuen, Lau Fau Shan on February 8, 2018 \(H5N6\)](#)
[A dead crested myna found at Kun Lung Wai, Fanling reported on April 9, 2018 \(H5N6\)](#)
[A swab sample taken from a bird cage housing a hill myna at a pet bird shop in Yuen Po Street Bird Garden in Mong Kok on 7 April, 2018 \(H5N6\)](#)
[Samples of faecal droppings collected at Mai Po Nature Reserve reported on January 14, 2021 \(H5N8\)](#)
[Carcass of a peregrine falcon found in Wu Kai Sha reported on February 1, 2021 \(H5N8\)](#)
[Carcass of a black-faced spoonbill found in the Hong Kong Wetland Park in Tin Shui Wai reported on December 20, 2021 \(H5N1\)](#)
[Carcass of a Eurasian Curlew found in the Mai Po Nature Reserve reported on January 25, 2022 \(H5\)](#)
- # [A sample of faecal droppings of live poultry taken from a poultry stall in Yan Oi Market in Tuen Mun reported on June 5, 2016 \(H7N9\)](#)

Table 9. Outside Hong Kong: Confirmed avian influenza A(H5) or other highly pathogenic avian influenza in poultry / wild birds / environmental samples reported in this week – number of reports for various subtypes of virus

Subtype of virus	No. of reports
H5N1	47
H5N8	1

Table 10. Outside Hong Kong: Confirmed avian influenza A(H5) or other highly pathogenic avian influenza in poultry / wild birds / environmental samples reported in this week – details of reports

Places of occurrence	Details	OIE Report Date
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Germany	Samples from poultry in Mecklenburg-Vorpommern and Niedersachsen were tested positive for highly pathogenic avian influenza A(H5N1).	January 18, 2022
	Samples from birds in Hessen, Hamburg, Bayern, Sachsen and German were tested positive for highly pathogenic avian influenza A(H5N1).	January 19, 2022 January 20, 2022 January 24, 2022
	Samples from poultry and birds in Brandenburg, Nordrhein-Westfalen and Schleswig-Holstein were tested positive for highly pathogenic avian influenza A(H5N1).	January 20, 2022 January 24, 2022
Hungary	Samples from poultry and birds in Hajdú-Bihar and Szabolcs-Szatmár-Bereg were tested positive for highly pathogenic avian influenza A(H5N1).	January 18, 2022 January 24, 2022
	Samples from birds in Bács-Kiskun, Budapest, Zala, Borsod-Abaúj-Zemplén, Pest, Baranya, Csongrád and Vas were tested positive for highly pathogenic avian influenza A(H5N1).	January 18, 2022 January 24, 2022
Italy	Samples from poultry and birds in Veneto, Emilia-Romagna, Lombardia, Friuli-Venezia Giulia and Lazio were tested positive for highly pathogenic avian influenza A(H5N1).	January 18, 2022 January 20, 2022
	Samples from birds in Campania and Apulia were tested positive for highly pathogenic avian influenza A(H5N1).	January 18, 2022
	Samples from poultry in Toscana were tested positive for highly pathogenic avian influenza A(H5N1).	January 20, 2022
Netherlands	Samples from birds in Noord-Brabant, Flevoland, Zuid-Holland, Utrecht, Noord-Holland, Friesland, Limburg, Gelderland, Zeeland, Gelderland, Overijssel, Groningen, IJsselmeer, Noord-Brabant, Flevoland and Dutch were tested positive for highly pathogenic avian influenza A(H5N1).	January 18, 2022
Portugal	Samples from birds in Santarém and Setúbal were tested positive for highly pathogenic avian influenza A(H5N1).	January 18, 2022 January 19 2022
Spain	Samples from poultry in Castilla y León were tested positive for highly pathogenic avian influenza A(H5N1).	January 18, 2022

Togo	Samples from poultry in Maritime were tested positive for highly pathogenic avian influenza A(H5N1).	January 18, 2022
Belgium	Samples from birds in Vlaanderen and Belgian were tested positive for highly pathogenic avian influenza A(H5N1).	January 19, 2022 January 24, 2022
Finland	Samples from birds in Etelä-Suomen aluehallintovirasto were tested positive for highly pathogenic avian influenza A(H5N1).	January 19, 2022
Japan	Samples from poultry in Kagoshima, Ehime, Aomori, Hiroshima, Chiba, Kumamoto, Hygo and Saitama were tested positive for highly pathogenic avian influenza A(H5N1).	January 19, 2022 January 24, 2022
Latvia	Samples from birds in Rgas were tested positive for highly pathogenic avian influenza A(H5N1).	January 19, 2022
Poland	Samples from birds in Mazowieckie, Wielkopolskie, Kujawsko-Pomorskie, ódzkie, Zachodniopomorskie, Pomorskie and witokrzyskie were tested positive for highly pathogenic avian influenza A(H5N1).	January 19, 2022
Croatia	Samples from birds in Moslavacka, Vukovarsko-Srijemska, Medimurska, Istarska, Osjecko-Baranjska, Sisacko-Moslavacka, Zagrebaka, Splitsko-Dalmatinska and Karlovacka were tested positive for highly pathogenic avian influenza A(H5N1).	January 20, 2022
Denmark	Samples from birds in Sjælland, Nordjylland, Syddanmark, Midtjylland, Hovedstaden and Danish Exclusive Economic Zone were tested positive for highly pathogenic avian influenza A(H5N1).	January 20, 2022
	Samples from birds in Veterinary Inspection Unit North were tested positive for highly pathogenic avian influenza A(H5N8).	January 21, 2022
France	Samples from birds in Grand Est, Hauts-de-France, Auvergne-Rhône-Alpes, Occitanie, Bretagne, Grand Est, Centre-Val de Loire and Bourgogne-Franche-Comté were tested positive for highly pathogenic avian influenza A(H5N1).	January 20, 2022

Slovenia	Samples from birds in Podravska, Spodnjeposavska and Jugovzhodna Slovenija were tested positive for highly pathogenic avian influenza A(H5N1).	January 20, 2022
South Africa	Samples from poultry and birds in Western Cape, Gauteng, North West, Free State, Eastern Cape and KwaZulu-Natal were tested positive for highly pathogenic avian influenza A(H5N1).	January 20, 2022
	Samples from poultry in Mpumalanga were tested positive for highly pathogenic avian influenza A(H5N1).	January 20, 2022
	Samples from birds in Limpopo were tested positive for highly pathogenic avian influenza A(H5N1).	January 20, 2022
Ireland	Samples from birds in Offaly, Kerry, Longford, Monaghan, Wexford, Roscommon, Galway, Donegal, Kildare, Dublin, Waterford, Tipperary and Cork were tested positive for highly pathogenic avian influenza A(H5N1).	January 21, 2022
Israel	Samples from birds in HaZafon, HaDarom, Haifa, Jerusalem and HaMerkaz were tested positive for highly pathogenic avian influenza A(H5N1).	January 21, 2022
Norway	Samples from birds in Agder and Vestland were tested positive for highly pathogenic avian influenza A(H5N1).	January 21, 2022
Slovakia	Samples from poultry and birds in Trnavský were tested positive for highly pathogenic avian influenza A(H5N1).	January 21, 2022
	Samples from birds in Bratislavský were tested positive for highly pathogenic avian influenza A(H5N1).	January 21, 2022
United Kingdom	Samples from poultry and birds in England, Scotland, Wales and Northern Ireland were tested positive for highly pathogenic avian influenza A(H5N1).	January 21, 2022
Austria	Samples from birds in Niederösterreich, Oberösterreich, Wien, Steiermark and Kärnten were tested positive for highly pathogenic avian influenza A(H5N1).	January 24, 2022
Burkina Faso	Samples from poultry in Centre were tested positive for highly pathogenic avian influenza A(H5N1).	January 24, 2022

Moldova	Samples from poultry in Teleneti were tested positive for highly pathogenic avian influenza A(H5N1).	January 24, 2022
Sweden	Samples from birds in Skåne, Södermanland, Halland, Kalmar, Stockholm and Blekinge were tested positive for highly pathogenic avian influenza A(H5N1).	January 24, 2022

For cumulative reports of avian influenza A(H5) or other highly pathogenic avian influenza in poultry / wild birds, please refer to the [OIE](#) website.

Table 11. Countries / areas with documented human infection with avian influenza A(H7N9) or highly pathogenic avian influenza (including infections in humans/birds and relevant environmental samples) in the past 6 months (as of January 24, 2022)

Countries / Areas	Human cases		Poultry cases / other related samples		Wild bird cases / other related samples	
	Subtype of virus	Date of last report / onset of last reported case (Subtype in this report)	Subtype of virus	Date of last report (Subtype in this report)	Subtype of virus	Date of last report (Subtype in this report)
Austria	-	-	H5	26/11/2021 (H5N1)	H5	24/01/2022 (H5N1)
Belgium	-	-	H5	04/01/2022 (H5N1)	H5	15/09/2021 (H5N8) 30/11/2021* 24/01/2022 (H5N1)
Benin	-	-	H5	09/09/2021* 27/12/2021 (H5N1)	-	-
Bosnia and Herzegovina	-	-	-	-	H5	12/11/2021 (H5N1)
Botswana	-	-	H5	06/09/2021 (H5N1)	-	-
Bulgaria	-	-	H5	12/07/2021*	-	-
Burkina Faso	-	-	H5	24/01/2022 (H5N1)	-	-
Canada	-	-	-	-	H5	13/01/2022 (H5N1)
Cote D'Ivoire	-	-	H5	10/09/2021 (H5N1)	-	-
Croatia	-	-	H5	14/01/2022 (H5N1)	H5	20/01/2022 (H5N1)
Czech Republic	-	-	H5	30/07/2021 (H5N8) 26/10/2021* 03/01/2022 (H5N1)	H5	20/12/2021 (H5N1)
Denmark	-	-	H5	03/11/2021* 06/01/2022 (H5N1) 13/01/2022 (H5N8)	H5	20/01/2022 (H5N1) 21/01/2022 (H5N8)
Egypt	-	-	Endemic (H5)	Endemic (H5N1)	-	-
Estonia	-	-	H5	02/12/2021 (H5N8)	H5	13/10/2021 (H5N8) 20/12/2021 (H5N1)
Faroe Islands	-	-	-	-	H5	17/01/2022 (H5N1)
Finland	-	-	-	-	H5	14/12/2021 (H5N8) 19/01/2022 (H5N1)
France	-	-	H5	05/08/2021 (H5N8) 13/01/2022 (H5N1)	H5	04/08/2021 (H5N3) 09/08/2021* 29/10/2021 (H5N8) 20/01/2022 (H5N1)
					H7	29/10/2021 (H7N7)

Countries / Areas	Human cases		Poultry cases / other related samples		Wild bird cases / other related samples	
	Subtype of virus	Date of last report / onset of last reported case (Subtype in this report)	Subtype of virus	Date of last report (Subtype in this report)	Subtype of virus	Date of last report (Subtype in this report)
Germany	-	-	H5	01/07/2021 (H5N8) 20/01/2022 (H5N1)	H5	24/01/2022 (H5N1)
Ghana	-	-	H5	21/07/2021* 05/08/2021 (H5N1)	-	-
Greece	-	-	-	-	H5	10/12/2021 (H5N1)
Hong Kong Special Administrative Region	-	-	-	-	H5	28/12/2021 (H5N1)
Hungary	-	-	H5	18/01/2022 (H5N1)	H5	24/01/2022 (H5N1)
India	-	-	H5	23/09/2021 (H5N8) 16/12/2021 (H5N1)	H5	07/12/2021 (H5N1) 07/12/2021 (H5N8)
Indonesia	-	-	Endemic (H5)	Endemic (H5N1)	-	-
Iran	-	-	H5	14/09/2021 (H5N8) 10/01/2022 (H5N5)	-	-
Ireland	-	-	H5	14/01/2022 (H5N1)	H5	16/08/2021 (H5N3) 21/01/2022 (H5N1)
Israel	-	-	H5	13/01/2022 (H5N1)	H5	21/01/2022 (H5N1)
Italy	-	-	H5	20/01/2022 (H5N1)	H5	18/01/2022 (H5N1)
Japan	-	-	H5	13/12/2021 (H5N8) 24/01/2022 (H5N1)	H5	24/11/2021 (H5N8)
Kazakhstan	-	-	H5	15/11/2021*	-	-
Korea	-	-	H5	10/01/2022 (H5N1)	H5	04/01/2022 (H5N1)
Lao People's Democratic Republic	-	-	H5	14/10/2021*	-	-
Latvia	-	-	-	-	H5	28/12/2021 (H5N8) 19/01/2021 (H5N1)
Lesotho	-	-	H5	07/07/2021*	-	-
Lithuania	-	-	H5	04/08/2021 (H5N8)	H5 H7	04/08/2021 (H5N8) 04/08/2021 (H7N7)
Luxembourg	-	-	-	-	H5	30/12/2021 (H5N8) 06/01/2022 (H5N1)
Mainland China						
Chongqing Municipality	H5	16/09/2021 (H5N6)	-	-	-	-

Countries / Areas	Human cases		Poultry cases / other related samples		Wild bird cases / other related samples	
	Subtype of virus	Date of last report / onset of last reported case (Subtype in this report)	Subtype of virus	Date of last report (Subtype in this report)	Subtype of virus	Date of last report (Subtype in this report)
Guangdong	H5	31/07/2021 (H5N6) 13/09/2021 (H5N6) 20/10/2021 (H5N6) 03/12/2021 (H5N6) 31/12/2021 (H5N6)	-	-	-	-
Guangxi	H5	06/07/2021 (H5N6) 14/08/2021 (H5N6) 17/08/2021 (H5N6) 23/08/2021 (H5N6) 25/08/2021 (H5N6) 15/11/2021 (H5N6) 19/12/2021 (H5N6) 23/12/2021 (H5N6)	-	-	-	-
Hebei	-	-	-	-	H5	30/11/2021 (H5N1)
Hunan	H5	26/07/2021 (H5N6) 02/08/2021 (H5N6) 29/08/2021 (H5N6) 08/09/2021 (H5N6) 25/09/2021 (H5N6) 03/10/2021 (H5N6) 22/11/2021 (H5N6) 24/11/2021 (H5N6) 04/12/2021 (H5N6)	-	-	-	-
Sichuan	H5	13/07/2021 (H5N6) 17/11/2021 (H5N6) 01/12/2021 (H5N6) 08/12/2021 (H5N6)	-	-	-	-
Zhejiang	H5	15/12/2021 (H5N6)	-	-	-	-
Moldova	-	-	H5	24/01/2022 (H5N1)	-	-
Netherlands	-	-	H5	16/07/2021 (H5N8) 07/01/2022 (H5N1)	H5	03/12/2021 (H5N8) 20/12/2021* 18/01/2022 (H5N1)
Niger	-	-	H5	07/01/2022 (H5N1)	-	-

Countries / Areas	Human cases		Poultry cases / other related samples		Wild bird cases / other related samples	
	Subtype of virus	Date of last report / onset of last reported case (Subtype in this report)	Subtype of virus	Date of last report (Subtype in this report)	Subtype of virus	Date of last report (Subtype in this report)
Nigeria	-	-	H5	17/01/2022 (H5N1)	-	-
Norway	-	-	H5	09/12/2021 (H5N1)	H5	03/09/2021 (H5N8) 21/01/2022 (H5N1)
Pakistan	-	-	H5	09/09/2021 (H5N8) 06/01/2022*	-	-
Poland	-	-	H5	24/09/2021 (H5N8) 12/01/2022 (H5N1)	H5	19/01/2022 (H5N1)
Portugal	-	-	H5	03/01/2022 (H5N1)	H5	19/01/2022 (H5N1)
Romania	-	-	-	-	H5	10/01/2022 (H5N1)
Russia	-	-	H5	07/12/2021* 17/12/2021 (H5N1)	H5	07/12/2021 (H5N1) 08/12/2021*
Serbia	-	-	-	-	H5	15/10/2021 (H5N8) 29/10/2021 (H5N2) 26/11/2021 (H5N1)
Slovakia	-	-	H5	21/01/2022 (H5N1)	H5	20/09/2021 (H5N8) 21/01/2022 (H5N1)
Slovenia	-	-	H5	29/12/2021 (H5N1)	H5	20/01/2022 (H5N1)
South Africa	-	-	H5	20/01/2022 (H5N1)	H5	20/01/2022 (H5N1)
Spain	-	-	H5	18/01/2022 (H5N1)	H5	14/01/2022 (H5N1)
Sweden	-	-	H5	05/01/2022 (H5N1)	H5	29/09/2021* 29/09/2021 (H5N4) 29/09/2021 (H5N5) 03/01/2022 (H5N8) 24/01/2022 (H5N1)
Switzerland	-	-	H5	25/11/2021 (H5N1)	H5	08/09/2021 (H5N4) 27/12/2021 (H5N1)
Taiwan	-	-	H5	13/01/2022 (H5N2) 13/01/2022 (H5N5)	H5	13/09/2021 (H5N2) 27/12/2021 (H5N1)
Togo	-	-	H5	18/01/2022 (H5N1)	-	-
Ukraine	-	-	-	-	H5	14/12/2021*
United Kingdom	H5	06/01/2022*	H5	13/09/2021 (H5N8) 21/01/2022 (H5N1)	H5	13/09/2021 (H5N8) 01/10/2021 (H5N3) 01/10/2021 (H5N5)

Countries / Areas	Human cases		Poultry cases / other related samples		Wild bird cases / other related samples	
	Subtype of virus	Date of last report / onset of last reported case (Subtype in this report)	Subtype of virus	Date of last report (Subtype in this report)	Subtype of virus	Date of last report (Subtype in this report)
						21/01/2022 (H5N1)
United States of America	-	-	-	-	H5	17/01/2022*
Vietnam	-	-	H5	20/09/2021 (H5N6) 03/01/2022 (H5N8) 07/01/2022 (H5N1)	-	-

Sources: WHO, OIE, NHC and other official websites

* without further subtype information