

# *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.

## **VOLUME 18, NUMBER 08**

Reporting period: February 13, 2022 – February 19, 2022 (Week 08)  
(Published on February 22, 2022)

### **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 February 19, 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 February 19, 2022), there were 68 human cases of avian influenza A(H5N6) reported globally and 67 of them occurred in Mainland China. The latest case was reported on February 15, 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 January 21, 2022.

\* 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 February, 2022.

## **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
<b>In this reporting period</b>	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	2	1	50%
2022	0	0	0%
Overall	864	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)**

<b>Countries /Areas</b>	<b>Cumulative no. of cases (December 2003 to February 2022)</b>	<b>No. of recent cases (October 2021 to February 2022)</b>
Azerbaijan	8	0
Bangladesh	8	0
Cambodia	56	0
Canada	1	0
Mainland China	53 <sup>#</sup>	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
United Kingdom	1	1
Vietnam	127	0
Overall	864	1

<sup>#</sup> 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**

<b>Confirmed H5N6 human cases have been reported in the following countries / areas</b>		<b>Cumulative no. of cases since 2014 (68 cases in total) (as of February 19, 2022)</b>	<b>Cumulative no. of cases since January 2022 (10 cases in total) (as of February 19, 2022)</b>
	Guangxi Zhuang Autonomous Region	14	3
	Guangdong Province	13	1
	Hunan Province	13	0
	Sichuan Province	10	3
	Chongqing Municipality	3	0
	Jiangsu Province	3	1
	Anhui Province	2	0
	Yunnan Province	2	0
	Zhejiang Province	2	2
	Beijing Municipality	1	0
	Fujian Province	1	0
	Guizhou Province	1	0
	Hubei Province	1	0
	Jiangxi Province	1 <sup>*</sup>	0
Lao People's Democratic Republic		1	0

<sup>\*</sup> 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 February 19, 2022)	Cumulative no. of cases since October 2021 (0 case in total) (as of February 19, 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 <sup>#</sup>	0
Malaysia		1*	0

\* All cases imported from Mainland China

<sup>#</sup> 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 February 21, 2022)**

	Place of occurrence	No. of cases (No. of deaths)	Details
In this reporting period	Mainland China	0(0)	-
Previously reported cases (onset/ reported in the past 6 months)	Mainland China	11(1)	<p><b>Avian influenza A(H9N2):</b></p> <ul style="list-style-type: none"> <li>▪ <b>Hunan Province:</b> <ul style="list-style-type: none"> <li>▫ A 20-month-old girl with onset on August 23, 2021.</li> </ul> </li> <li>▪ <b>Guizhou Province:</b> <ul style="list-style-type: none"> <li>▫ A 11-year-old boy with onset on September 6, 2021.</li> <li>▫ A 39-year-old male with onset on October 29, 2021.</li> </ul> </li> <li>▪ <b>Guangdong Province:</b> <ul style="list-style-type: none"> <li>▫ A 3-year-old girl with onset on September 26, 2021.</li> <li>▫ A 7-year-old boy with onset on November 28, 2021.</li> <li>▫ A 7-year-old girl with onset on December 6, 2021.</li> </ul> </li> <li>▪ <b>Anhui Province:</b> <ul style="list-style-type: none"> <li>▫ A 5-year-old boy with onset on November 13, 2021.</li> </ul> </li> <li>▪ <b>Jiangsu Province:</b> <ul style="list-style-type: none"> <li>▫ A 7-year-old girl with onset on November 27, 2021.</li> </ul> </li> <li>▪ <b>Hubei Province:</b> <ul style="list-style-type: none"> <li>▫ A 3-year-old girl with onset on December 7, 2021.</li> <li>▫ A 3-year-old boy with onset on December 13, 2021.</li> </ul> </li> <li>▪ <b>Guangxi Zhuang Autonomous Region:</b> <ul style="list-style-type: none"> <li>▫ A 14-year-old girl with onset on December 9, 2021.</li> </ul> </li> </ul>

**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
<b>In this reporting period</b>	0	0	-
<b>Previously reported cases since 2015 (before this reporting period)</b>	20*	1 <sup>#</sup>	-

- \* [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 26, 2022 \(H5N1\)](#)
- # [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	54
H5N2	1
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
Canada	Samples from poultry and birds in Nova Scotia were tested positive for highly pathogenic avian influenza A(H5N1).	February 15, 2022
	Samples from birds in Newfoundland and Labrador were tested positive for highly pathogenic avian influenza A(H5N1).	February 15, 2022
France	Samples from poultry in Occitanie, Nouvelle-Aquitaine, Pays de la Loire and Hauts-de-France were tested positive for highly pathogenic avian influenza A(H5N1).	February 15, 2022
Germany	Samples from birds in Nordrhein-Westfalen, Baden-Württemberg, Schleswig-Holstein, German, Berlin, Niedersachsen, Sachsen-Anhalt and Sachsen were tested positive for highly pathogenic avian influenza A(H5N1).	February 15, 2022 February 16, 2022 February 18, 2022
Hungary	Samples from poultry and birds in Bács-Kiskun, Szabolcs-Szatmár-Bereg, Hajdú-Bihar and Csongrád were tested positive for highly pathogenic avian influenza A(H5N1).	February 15, 2022 February 17, 2022
	Samples from birds in Heves, Budapest, Zala, Borsod-Abaúj-Zemplén, Győr-Moson-Sopron, Komárom-Esztergom, Pest, Baranya and Vas were tested positive for highly pathogenic avian influenza A(H5N1).	February 15, 2022 February 17, 2022
	Samples from poultry in Békés were tested positive for highly pathogenic avian influenza A(H5N1).	February 15, 2022
Korea	Samples from poultry in Jeollanam-do, Chungcheongnam-do, Chungcheongbuk-do, Jeollabuk-do, Sejong and Gyeonggi-do were tested positive for highly pathogenic avian influenza A(H5N1).	February 15, 2022
Latvia	Samples from birds in Rgas were tested positive for highly pathogenic avian influenza A(H5N1).	February 15, 2022
Slovakia	Samples from birds in Trnavský, Banskobystrický and Nitriansky were tested positive for highly pathogenic avian influenza A(H5N1).	February 15, 2022

South Africa	Samples from poultry and birds in Western Cape, Gauteng, KwaZulu-Natal, North West, Free State and Eastern Cape were tested positive for highly pathogenic avian influenza A(H5N1).	February 15, 2022 February 21, 2022
	Samples from poultry in Mpumalanga were tested positive for highly pathogenic avian influenza A(H5N1).	February 15, 2022 February 21, 2022
	Samples from birds in Limpopo were tested positive for highly pathogenic avian influenza A(H5N1)	February 15, 2022 February 21, 2022
Spain	Samples from poultry in Andalucía and Castilla y León were tested positive for highly pathogenic avian influenza A(H5N1).	February 15, 2022
Taiwan	Samples from poultry in Changhua, Yunlin, Pingtung, Nantou and Taoyuan were tested positive for highly pathogenic avian influenza A(H5N2).	February 15, 2022
United Kingdom	Samples from birds in England, Wales, Scotland, Northern Ireland and Isle of Man were tested positive for highly pathogenic avian influenza A(H5N1).	February 15, 2022 February 18, 2022
Finland	Samples from birds in Etelä-Suomen aluehallintovirasto were tested positive for highly pathogenic avian influenza A(H5N1).	February 16, 2022
India	Samples from poultry in Bihar and Kerala were tested positive for highly pathogenic avian influenza A(H5N1).	February 16, 2022 February 21, 2022
Nigeria	Samples from poultry in Kano, Bauchi, Rivers, Niger, Gombe, Kaduna, Plateau, Anambra, Delta, Adamawa, Katsina, Lagos, Edo, Oyo, Jigawa, Taraba, Federal Capital Territory, Kebbi, Bayelsa, Nassarawa, Ogun, Akwa Ibom, Abia, Enugu, Ebonyi, Borno and Zamfara were tested positive for highly pathogenic avian influenza A(H5N1).	February 16, 2022
Poland	Samples from poultry and birds in Pomorskie, ódzkie, Mazowieckie, Kujawsko-Pomorskie and lskie were tested positive for highly pathogenic avian influenza A(H5N1).	February 16, 2022 February 17, 2022
	Samples from birds in Zachodniopomorskie, witokrzyskie, Wielkopolskie, Opolskie and Dolnolskie were tested positive for highly pathogenic avian influenza A(H5N1).	February 16, 2022 February 17, 2022
	Samples from poultry in Lubelskie, Podkarpackie and Warmisko-Mazurskie were tested positive for highly pathogenic avian influenza A(H5N1).	February 16, 2022 February 17, 2022



Slovenia	Samples from birds in Podravska, Spodnjeposavska, Jugovzhodna Slovenija and Osrednjeslovenska were tested positive for highly pathogenic avian influenza A(H5N1).	February 16, 2022
United States of America	Samples from birds in Delaware, Maryland, New Hampshire, Virginia, North Carolina and South Carolina were tested positive for highly pathogenic avian influenza A(H5N1).	February 16, 2022
	Samples from poultry in Kentucky and Indiana were tested positive for highly pathogenic avian influenza A(H5N1).	February 21, 2022
Netherlands	Samples from poultry and birds in Utrecht, Noord-Holland, Flevoland, Groningen, Overijssel, Gelderland, Friesland, Limburg and Noord-Brabant were tested positive for highly pathogenic avian influenza A(H5N1).	February 17, 2022 February 18, 2022 February 21, 2022
	Samples from birds in Zuid-Holland, Zeeland, IJsselmeera and Dutch Exclusive Economic Zone were tested positive for highly pathogenic avian influenza A(H5N1).	February 21, 2022
Portugal	Samples from poultry in Lisboa and Santarém were tested positive for highly pathogenic avian influenza A(H5N1).	February 17, 2022
Senegal	Samples from birds in Saint-Louis were tested positive for highly pathogenic avian influenza A(H5N1).	February 17, 2022
Sweden	Samples from birds in Skåne, Södermanland, Halland, Stockholm, Kalmar and Blekinge were tested positive for highly pathogenic avian influenza A(H5N1).	February 17, 2022
	Samples from birds in Östergötland were tested positive for highly pathogenic avian influenza A(H5N8).	February 17, 2022
Austria	Samples from birds in Wien, Steiermark, Niederösterreich, Kärnten and Oberösterreich were tested positive for highly pathogenic avian influenza A(H5N1).	February 18, 2022
Italy	Samples from poultry and birds in Veneto, Lombardia, Emilia-Romagna, Lazio and Friuli-Venezia Giulia were tested positive for highly pathogenic avian influenza A(H5N1).	February 18, 2022 February 21, 2022
	Samples from poultry in Toscana were tested positive for highly pathogenic avian influenza A(H5N1).	February 18, 2022

	Samples from birds in Piemonte, Campania and Apulia were tested positive for highly pathogenic avian influenza A(H5N1).	February 21, 2022
Japan	Samples from poultry in Hiroshima, Kagoshima, Kumamoto, Ehime, Hygo, Saitama, Chiba, Aomori and Iwate were tested positive for highly pathogenic avian influenza A(H5N1).	February 18, 2022
Norway	Samples from birds in Agder, Vestland and Rogaland were tested positive for highly pathogenic avian influenza A(H5N1).	February 18, 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).	February 21, 2022
Nepal	Samples from poultry in Central and East were tested positive for highly pathogenic avian influenza A(H5N1).	February 21, 2022
North Macedonia	Samples from birds in Karpoš were tested positive for highly pathogenic avian influenza A(H5N1).	February 21, 2022
Philippines	Samples from poultry in Pampanga and Bulacan were tested positive for highly pathogenic avian influenza A(H5N1).	February 21, 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 February 21, 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	18/02/2022 (H5N1)
Belgium	-	-	H5	04/01/2022 (H5N1)	H5	15/09/2021 (H5N8) 08/02/2022* 11/02/2022 (H5N1)
Benin	-	-	H5	09/09/2021* 27/12/2021 (H5N1)	-	-
Bosnia and Herzegovina	-	-	-	-	H5	12/11/2021 (H5N1)
Botswana	-	-	H5	06/09/2021 (H5N1)	-	-
Burkina Faso	-	-	H5	24/01/2022 (H5N1)	-	-
Cameroon	-	-	H5	14/02/2022 (H5N1)	-	-
Canada	-	-	H5	15/02/2022 (H5N1)	H5	15/02/2022 (H5N1)
Cote D'Ivoire	-	-	H5	28/01/2022 (H5N1)	-	-
Croatia	-	-	H5	14/01/2022 (H5N1)	H5	11/02/2022 (H5N1)
Czech Republic	-	-	H5	26/10/2021* 08/02/2022 (H5N1)	H5	11/02/2022 (H5N1)
Denmark	-	-	H5	03/11/2021* 13/01/2022 (H5N8) 08/02/2022 (H5N1)	H5	21/01/2022 (H5N8) 11/02/2022 (H5N1)
Egypt	-	-	Endemic (H5)	Endemic (H5N1)	-	-
Estonia	-	-	H5	02/12/2021 (H5N8)	H5	13/10/2021 (H5N8) 20/12/2021 (H5N1)
Faroe Islands	-	-	-	-	H5	14/02/2022 (H5N1)
Finland	-	-	-	-	H5	14/12/2021 (H5N8) 16/02/2022 (H5N1)
France	-	-	H5	05/08/2021 (H5N8) 15/02/2022 (H5N1)	H5	04/08/2021 (H5N3) 09/08/2021* 29/10/2021 (H5N8) 28/01/2022 (H5N1)
					H7	29/10/2021 (H7N7)
Germany	-	-	H5	14/02/2022 (H5N1)	H5	25/01/2022 (H5N3)

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)
						07/02/2022 (H5N2) 18/02/2022 (H5N1)
Ghana	-	-	H5	05/08/2021 (H5N1)	-	-
Greece	-	-	-	-	H5	10/12/2021 (H5N1)
Hong Kong Special Administrative Region	-	-	-	-	H5	26/01/2022 (H5N1)
Hungary	-	-	H5	15/02/2022 (H5N1)	H5	18/02/2022 (H5N1)
India	-	-	H5	23/09/2021 (H5N8) 21/02/2022 (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) 21/02/2022 (H5N1)
Israel	-	-	H5	07/02/2022 (H5N1)	H5	02/02/2022 (H5N1)
Italy	-	-	H5	18/02/2022 (H5N1)	H5	21/02/2022 (H5N1)
Japan	-	-	H5	13/12/2021 (H5N8) 18/02/2022 (H5N1)	H5	24/11/2021 (H5N8) 07/02/2022 (H5N1)
Kazakhstan	-	-	H5	15/11/2021*	-	-
Korea	-	-	H5	15/02/2022 (H5N1)	H5	10/02/2022 (H5N1) 11/02/2022 (H5N8)
Lao People's Democratic Republic	-	-	H5	14/10/2021*	-	-
Latvia	-	-	-	-	H5	28/12/2021 (H5N8) 15/02/2022 (H5N1)
Lithuania	-	-	H5	04/08/2021 (H5N8)	H5	04/08/2021 (H5N8)
					H7	04/08/2021 (H7N7)
Luxembourg	-	-	-	-	H5	06/01/2022 (H5N1) 10/02/2022 (H5N8)
Mainland China						
Chongqing Municipality	H5	16/09/2021 (H5N6)	-	-	-	-
Guangdong	H5	13/09/2021 (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)
		20/10/2021 (H5N6) 03/12/2021 (H5N6) 31/12/2021 (H5N6)				
Guangxi	H5	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) 12/01/2022 (H5N6)	-	-	-	-
Hebei	-	-	-	-	H5	30/11/2021 (H5N1)
Hunan	H5	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)	-	-	-	-
Jiangsu	H5	15/01/2022 (H5N6)	-	-	-	-
Sichuan	H5	17/11/2021 (H5N6) 01/12/2021 (H5N6) 08/12/2021 (H5N6) 03/01/2022 (H5N6)	-	-	-	-
Zhejiang	H5	15/12/2021 (H5N6) 06/01/2022 (H5N6)	-	-	-	-
Moldova	-	-	H5	14/02/2022 (H5N1)	-	-
Namibia	-	-	-	-	H5	11/02/2022 (H5N1)
Nepal	-	-	H5	21/02/2022 (H5N1)	-	-
Netherlands	-	-	H5	18/02/2022 (H5N1)	H5	03/12/2021 (H5N8) 20/12/2021* 21/02/2022 (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)
Niger	-	-	H5	31/01/2022 (H5N1)	-	-
Nigeria	-	-	H5	16/02/2022 (H5N1)	-	-
North Macedonia	-	-	-	-	H5	21/02/2022 (H5N1)
Norway	-	-	H5	09/12/2021 (H5N1)	H5	03/09/2021 (H5N8) 18/02/2022 (H5N1)
Pakistan	-	-	H5	09/09/2021 (H5N8) 06/01/2022*	-	-
Philippines	-	-	H5	21/02/2022 (H5N1)	-	-
Poland	-	-	H5	24/09/2021 (H5N8) 17/02/2022 (H5N1)	H5	17/02/2022 (H5N1)
Portugal	-	-	H5	17/02/2022 (H5N1)	H5	26/01/2022 (H5N1)
Romania	-	-	H5	14/02/2022 (H5N1)	H5	14/02/2022 (H5N1)
Russia	-	-	H5	07/12/2021* 14/02/2022 (H5N1)	H5	08/12/2021* 27/01/2022 (H5N1)
Senegal	-	-	H5	10/02/2022 (H5N1)	H5	17/02/2022 (H5N1)
Serbia	-	-	-	-	H5	15/10/2021 (H5N8) 29/10/2021 (H5N2) 26/11/2021 (H5N1)
Slovakia	-	-	H5	09/02/2022 (H5N1)	H5	20/09/2021 (H5N8) 15/02/2022 (H5N1)
Slovenia	-	-	H5	31/01/2022 (H5N1)	H5	16/02/2022 (H5N1)
South Africa	-	-	H5	21/02/2022 (H5N1)	H5	21/02/2022 (H5N1)
Spain	-	-	H5	15/02/2022 (H5N1)	H5	10/02/2022 (H5N1)
Sweden	-	-	H5	31/01/2022 (H5N1)	H5	29/09/2021* 29/09/2021 (H5N4) 29/09/2021 (H5N5) 17/02/2022 (H5N1) 17/02/2022 (H5N8)
Switzerland	-	-	H5	25/11/2021 (H5N1)	H5	08/09/2021 (H5N4) 27/12/2021 (H5N1)
Taiwan	-	-	H5	13/01/2022 (H5N5) 15/02/2022 (H5N2)	H5	13/09/2021 (H5N2) 27/12/2021 (H5N1)
Togo	-	-	H5	18/01/2022 (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)
Ukraine	-	-	-	-	H5	14/12/2021*
United Kingdom	H5	24/12/2021 (H5N1)	H5	13/09/2021 (H5N8) 14/02/2022 (H5N1)	H5	13/09/2021 (H5N8) 01/10/2021 (H5N3) 01/10/2021 (H5N5) 18/02/2022 (H5N1)
United States of America	-	-	H5	21/02/2022 (H5N1)	H5	17/01/2022* 16/02/2022 (H5N1)
Vietnam	-	-	H5	20/09/2021 (H5N6) 03/01/2022 (H5N8) 14/02/2022 (H5N1)	-	-

Sources: WHO, OIE, NHC and other official websites

\* without further subtype information