衞生防護中心
Centre for Health Protection
保障市民健康
Protecting Hong Kong's health

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 09
Reporting period: February 20, 2022 – February 26, 2022 (Week 09)
(Published on March 1, 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 26, 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, four confirmed human cases of avian influenza A(H5N6) from Fujian Province, Jiangsu Province, Sichuan Province and Guangxi Zhuang Autonomous Region were reported by the National Health Commission (NHC). Since 2014 (as of February 28, 2022), there were 72 human cases of avian influenza A(H5N6) reported globally and 71 of them occurred in Mainland China. The latest case was reported on February 28, 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
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
28/02/2022	Mainland China	Fujian	Fuzhou	M	46	Deceased	H5N6
28/02/2022	Mainland China	Jiangsu	Yangzhou	F	6	Critical	H5N6
28/02/2022	Mainland China	Sichuan	Chengdu	M	48	Critical	H5N6
28/02/2022	Mainland China	Guangxi Zhuang Autonomous Region	Hechi	M	35	Critical	H5N6

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 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 February 2022)	No. of recent cases (October 2021 to February 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
United Kingdom	1	1
Vietnam	127	0
Overall	864	1

[#] 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 (72 cases in total) (as of February 28, 2022)	Cumulative no. of cases since January 2022 (14 cases in total) (as of February 28, 2022)
	Guangxi Zhuang Autonomous Region	15	4
	Guangdong Province	13	1
	Hunan Province	13	0
	Sichuan Province	11	4
	Jiangsu Province	4	2
	Chongqing Municipality	3	0
	Anhui Province	2	0
	Fujian Province	2	1
	Yunnan Province	2	0

Confirmed H5N6 human cases have been reported in the following countries / areas		Cumulative no. of cases since 2014 (72 cases in total) (as of February 28, 2022)	Cumulative no. of cases since January 2022 (14 cases in total) (as of February 28, 2022)
	Zhejiang Province	2	2
	Beijing Municipality	1	0
	Guizhou Province	1	0
	Hubei Province	1	0
	Jiangxi Province	1*	0
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 February 26, 2022)	Cumulative no. of cases since October 2021 (0 case in total) (as of February 26, 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

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 26, 2022)	Cumulative no. of cases since October 2021 (0 case in total) (as of February 26, 2022)
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 February 28, 2022)**

	Place of occurrence	No. of cases (No. of deaths)	Details
In this reporting period	**Mainland China**	6(0)	**Avian influenza A(H9N2):** ▪ **Sichuan Province:** ▫ A 1-year-old girl with onset on October 20, 2021. ▪ **Anhui Province:** ▫ A 5-year-old boy with onset on November 13, 2021. ▫ A 5-year-old boy with onset on January 3, 2022. ▫ A 2-year-old boy with onset on January 18, 2022. ▪ **Hubei Province:** ▫ A 5-year-old girl with onset on December 28, 2021. ▪ **Jiangxi Province:** ▫ A 51-year-old woman with onset on January 11, 2022.
Previously reported cases (onset/ reported in the past 6 months)	**Mainland China**	11(1)	**Avian influenza A(H9N2):** ▪ **Hunan Province:** ▫ A 20-month-old girl with onset on August 23, 2021. ▪ **Guizhou Province:** ▫ A 11-year-old boy with onset on September 6, 2021. ▫ A 39-year-old male with onset on October 29, 2021. ▪ **Guangdong Province:** ▫ A 3-year-old girl with onset on September 26, 2021. ▫ A 7-year-old boy with onset on

	Place of occurrence	No. of cases (No. of deaths)	Details
			November 28, 2021. ▫ A 7-year-old girl with onset on December 6, 2021. ▪ **Anhui Province:** ▫ A 5-year-old boy with onset on November 13, 2021. ▪ **Jiangsu Province:** ▫ A 7-year-old girl with onset on November 27, 2021. ▪ **Hubei Province:** ▫ 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:** ▫ 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	0	0	-
Previously reported cases since 2015 (before this reporting period)	20*	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 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	58
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
Faroe Islands	Samples from birds in Streymoyar, Eysturoyar and Vågø were tested positive for highly pathogenic avian influenza A(H5N1).	February 22, 2022
Latvia	Samples from birds in Rgas were tested positive for highly pathogenic avian influenza A(H5N1).	February 22, 2022
Luxembourg	Samples from birds in Grevenmacher and Diekirch were tested positive for highly pathogenic avian influenza A(H5N1).	February 22, 2022
Netherlands	Samples from poultry in Overijssel, Gelderland, Friesland, Utrecht, Noord-Holland, Flevoland, Groningen, Limburg and Noord-Brabant were tested positive for highly pathogenic avian influenza A(H5N1).	February 22, 2022 February 28, 2022
Poland	Samples from birds in Mazowieckie, Pomorskie, Zachodniopomorskie, witokrzyskie, ódzkie, Kujawsko-Pomorskie, lskie, Wielkopolskie, Opolskie and Dolnolskie were tested positive for highly pathogenic avian influenza A(H5N1).	February 22, 2022
Portugal	Samples from poultry and birds in Santarém were tested	February 22, 2022

	positive for highly pathogenic avian influenza A(H5N1).	February 23, 2022
	Samples from birds in Beja, Setúbal and Leiria were tested positive for highly pathogenic avian influenza A(H5N1).	February 22, 2022
	Samples from poultry in Lisboa were tested positive for highly pathogenic avian influenza A(H5N1).	February 23, 2022
Slovakia	Samples from birds in Trnavský, Bratislavský, Banskobystrický and Nitriansky were tested positive for highly pathogenic avian influenza A(H5N1).	February 22, 2022 February 23, 2022
United Kingdom	Samples from poultry and birds in England, Northern Ireland, Scotland and Wales were tested positive for highly pathogenic avian influenza A(H5N1).	February 22, 2022 February 25, 2022
	Samples from birds in Isle of Man were tested positive for highly pathogenic avian influenza A(H5N1).	February 25, 2022
Belgium	Samples from birds in Vlaanderen, Belgian Exclusive Economic Zone and Wallonie were tested positive for highly pathogenic avian influenza A(H5N1).	February 23, 2022
Cameroon	Samples from poultry in Ouest were tested positive for highly pathogenic avian influenza A(H5N1).	February 23, 2022
Croatia	Samples from birds in Istarska, Zagrebaka, Splitsko-Dalmatinska, Karlovacka, Sisacko-Moslavacka, Vukovarsko-Srijemska, Medimurska and Osjecko-Baranjska were tested positive for highly pathogenic avian influenza A(H5N1).	February 23, 2022
Czech Republic	Samples from birds in Jihoeský, Plzeský, Jihomoravský, Královéhradecký, Liberecký, Ústecký, Zlínský, Olomoucký and Stedoeský were tested positive for highly pathogenic avian influenza A(H5N1).	February 23, 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).	February 23, 2022
Germany	Samples from birds in Bayern, Hessen, Nordrhein-Westfalen, Schleswig-Holstein, German Exclusive Economic Zone, Berlin, Niedersachsen, Baden Württemberg, Brandenburg, Mecklenburg-Vorpommern and Hamburg were tested positive for highly pathogenic avian influenza A(H5N1).	February 23, 2022 February 24, 2022 February 25, 2022 February 28, 2022
	Samples from poultry and birds in Sachsen Anhalt were tested positive for highly pathogenic avian influenza	February 24, 2022 February 28, 2022

	A(H5N1).	
Hungary	Samples from poultry and birds in Bács-Kiskun, Csongrád , Hajdú-Bihar and Szabolcs-Szatmár-Bereg were tested positive for highly pathogenic avian influenza A(H5N1).	February 23, 2022
	Samples from poultry in Békés were tested positive for highly pathogenic avian influenza A(H5N1).	February 23, 2022
	Samples from birds in Heves, Budapest, Zala, Komárom-Esztergom, Borsod-Abaúj-Zemplén, Gyor-Moson-Sopron, Komárom-Esztergom, Pest, Baranya, Fejér and Vas were tested positive for highly pathogenic avian influenza A(H5N1).	February 23, 2022
Moldova	Samples from poultry in Teleneti were tested positive for highly pathogenic avian influenza A(H5N1).	February 23, 2022
Spain	Samples from poultry and birds in Castilla y León and Andalucía were tested positive for highly pathogenic avian influenza A(H5N1).	February 23, 2022 February 25, 2022
	Samples from birds in Cataluña, Comunidad de Madrid and Extremadura were tested positive for highly pathogenic avian influenza A(H5N1).	February 23, 2022 February 25, 2022
Romania	Samples from birds in Tulcea, Neam, Ialomia, Cluj, Galai and Clrai were tested positive for highly pathogenic avian influenza A(H5N1).	February 24, 2022 February 25, 2022
United States of America	Samples from birds in Maine, Maryland, New Hampshire, Virginia, New York, Connecticut, North Carolina and South Carolina were tested positive for highly pathogenic avian influenza A(H5N1).	February 24, 2022
	Samples from poultry and birds in Delaware were tested positive for highly pathogenic avian influenza A(H5N1).	February 24, 2022 February 28, 2022
	Samples from poultry in Kentucky and Indiana were tested positive for highly pathogenic avian influenza A(H5N1).	February 28, 2022
Estonia	Samples from birds in Ida-Viru, Harju, Lääne-Viru, Pärnu, Lääne and Saare were tested positive for highly pathogenic avian influenza A(H5N1).	February 25, 2022
France	Samples from poultry and birds in Hauts-de France, Occitanie, Pays de la Loire, Nouvelle Aquitain and Centre-Val de Loire were tested positive for highly pathogenic avian influenza A(H5N1).	February 25, 2022 February 28, 2022

	Samples from birds in Grand Est, Normandie, Auvergne Rhône-Alpes, Bretagne and Bourgogne Franche-Comté were tested positive for highly pathogenic avian influenza A(H5N1).	February 25, 2022
Italy	Samples from poultry and birds in Veneto, Emilia Romagn, Lombardia, Friuli Venezia Giulia and Lazio were tested positive for highly pathogenic avian influenza A(H5N1).	February 25, 2022
	Samples from birds in Piemonte, Campania and Apulia were tested positive for highly pathogenic avian influenza A(H5N1).	February 25, 2022
	Samples from poultry in Toscana were tested positive for highly pathogenic avian influenza A(H5N1).	February 25, 2022
Lithuania	Samples from birds in Kauno were tested positive for highly pathogenic avian influenza A(H5N1).	February 25, 2022
North Macedonia	Samples from birds in Štip were tested positive for highly pathogenic avian influenza A(H5N1).	February 25, 2022
Sweden	Samples from birds in Östergötland were tested positive for highly pathogenic avian influenza A(H5N8).	February 25, 2022
	Samples from birds in Skåne, Södermanland, Halland, Stockholm, Kalmar, Blekinge and Västra Götaland were tested positive for highly pathogenic avian influenza A(H5N1).	February 28, 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 28, 2022
Nepal	Samples from poultry and birds in Central were tested positive for highly pathogenic avian influenza A(H5N1).	February 28, 2022
	Samples from poultry in Bagmati, Koshi and East were tested positive for highly pathogenic avian influenza A(H5N1).	February 28, 2022
Switzerland	Samples from birds in Bern and Zürich were tested positive for highly pathogenic avian influenza A(H5N1).	February 28, 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 28, 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* 23/02/2022 (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	23/02/2022 (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	23/02/2022 (H5N1)
Czech Republic	-	-	H5	26/10/2021* 08/02/2022 (H5N1)	H5	23/02/2022 (H5N1)
Denmark	-	-	H5	03/11/2021* 13/01/2022 (H5N8) 08/02/2022 (H5N1)	H5	21/01/2022 (H5N8) 23/02/2022 (H5N1)
Egypt	-	-	Endemic (H5)	Endemic (H5N1)	-	-
Estonia	-	-	H5	02/12/2021 (H5N8)	H5	13/10/2021 (H5N8) 25/02/2022 (H5N1)
Faroe Islands	-	-	-	-	H5	22/02/2022 (H5N1)
Finland	-	-	-	-	H5	14/12/2021 (H5N8) 16/02/2022 (H5N1)
France	-	-	H5	05/08/2021 (H5N8) 28/02/2022 (H5N1)	H5	04/08/2021 (H5N3) 09/08/2021* 29/10/2021 (H5N8) 25/02/2022 (H5N1)
					H7	29/10/2021 (H7N7)
Germany	-	-	H5	18/02/2022 (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) 28/02/2022 (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	23/02/2022 (H5N1)	H5	23/02/2022 (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) 28/02/2022 (H5N1)
Israel	-	-	H5	07/02/2022 (H5N1)	H5	02/02/2022 (H5N1)
Italy	-	-	H5	25/02/2022 (H5N1)	H5	25/02/2022 (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) 22/02/2022 (H5N1)
Lithuania	-	-	H5	04/08/2021 (H5N8)	H5	04/08/2021 (H5N8) 25/02/2022 (H5N6)
					H7	04/08/2021 (H7N7)
Luxembourg	-	-	-	-	H5	10/02/2022 (H5N8) 22/02/2022 (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)
Fujian	H5	28/01/2022 (H5N6)	-	-	-	-
Guangdong	H5	13/09/2021 (H5N6) 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) 31/01/2022 (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) 20/01/2022(H5N6)	-	-	-	-
Sichuan	H5	17/11/2021 (H5N6) 01/12/2021 (H5N6) 08/12/2021 (H5N6) 03/01/2022 (H5N6) 23/01/2022 (H5N6)	-	-	-	-
Zhejiang	H5	15/12/2021 (H5N6) 06/01/2022 (H5N6)	-	-	-	-
Moldova	-	-	H5	23/02/2022 (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)
Namibia	-	-	-	-	H5	11/02/2022 (H5N1)
Nepal	-	-	H5	28/02/2022 (H5N1)	H5	28/02/2022 (H5N1)
Netherlands	-	-	H5	22/02/2022 (H5N1)	H5	03/12/2021 (H5N8) 20/12/2021* 28/02/2022 (H5N1)
Niger	-	-	H5	31/01/2022 (H5N1)	-	-
Nigeria	-	-	H5	16/02/2022 (H5N1)	-	-
North Macedonia	-	-	-	-	H5	25/02/2022 (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	22/02/2022 (H5N1)
Portugal	-	-	H5	23/02/2022 (H5N1)	H5	22/02/2022 (H5N1)
Romania	-	-	H5	14/02/2022 (H5N1)	H5	25/02/2022 (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) 23/02/2022 (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	25/02/2022 (H5N1)	H5	25/02/2022 (H5N1)
Sweden	-	-	H5	31/01/2022 (H5N1)	H5	29/09/2021* 29/09/2021 (H5N4) 29/09/2021 (H5N5) 25/02/2022 (H5N8) 28/02/2022 (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)
Switzerland	-	-	H5	25/11/2021 (H5N1)	H5	08/09/2021 (H5N4) 28/02/2022 (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)	-	-
Ukraine	-	-	-	-	H5	14/12/2021*
United Kingdom	H5	24/12/2021 (H5N1)	H5	13/09/2021 (H5N8) 25/02/2022 (H5N1)	H5	13/09/2021 (H5N8) 01/10/2021 (H5N3) 01/10/2021 (H5N5) 25/02/2022 (H5N1)
United States of America	-	-	H5	28/02/2022 (H5N1)	H5	17/01/2022* 24/02/2022 (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