

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 15, 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, five confirmed human cases of avian influenza A(H5N6) from Sichuan Province, Zhejiang Province and Guangxi Zhuang Autonomous Region were reported by the National Health Commission (NHC). Since 2014 (as of January 15, 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 |
|----------------|----------------|-------------------|-----------------|-----|-----|--------------------------------|------------------|
| 13/01/2022 | Mainland China | Sichuan | Luzhou | F | 75 | Deceased | H5N6 |
| 13/01/2022 | Mainland China | Sichuan | Leshan | M | 54 | Deceased | H5N6 |
| 13/01/2022 | Mainland China | Zhejiang | Hangzhou | F | 51 | Critical | H5N6 |
| 13/01/2022 | Mainland China | Guangxi | Nanning | M | 53 | Serious | H5N6 |
| 13/01/2022 | Mainland China | Guangxi | Nanning | M | 28 | 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 | 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 15, 2022) | Cumulative no. of cases since January 2022 (6 cases in total) (as of January 15, 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 |

| 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 15, 2022) | Cumulative no. of cases since January 2022 (6 cases in total) (as of January 15, 2022) |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 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 15, 2022) | Cumulative no. of cases since October 2021 (0 case in total) (as of January 15, 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 17, 2022)

| | Place of occurrence | No. of cases (No. of deaths) | Details |
|-------------------------------------------------------------------------|-----------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| In this reporting period | Mainland China | 4(0) | <p>Avian influenza A(H9N2):</p> <ul style="list-style-type: none"> ▪ 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. |
| Previously reported cases (onset/ reported in the past 6 months) | Mainland China | 6(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. |

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 | - |

| | No. of reports of H5 in poultry / wild birds / environmental samples | No. of reports of H7N9 in poultry / wild birds / environmental samples | Details |
|---------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------|---------|
| 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 \(H5N1\)](#)
- # [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 |
|------------------|----------------|
| H5 | 1 |
| H5N1 | 50 |
| H5N2 | 1 |
| H5N5 | 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 |
|----------------------|---------|-----------------|
|----------------------|---------|-----------------|

| | | |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Austria | Samples from birds in Niederösterreich, Wien and Steiermark were tested positive for highly pathogenic avian influenza A(H5N1). | January 11, 2022 |
| Germany | Samples from birds in Saarland, Niedersachsen, Baden-Württemberg, Bremen and Sachsen-Anhalt were tested positive for highly pathogenic avian influenza A(H5N1). | January 11, 2022 January 12, 2022 January 13, 2022 |
| Hungary | Samples from poultry and birds in Bács-Kiskun, Hajdú-Bihar, Csongrád and Szabolcs-Szatmár-Bereg were tested positive for highly pathogenic avian influenza A(H5N1). | January 11, 2022 January 17, 2022 |
| | Samples from poultry in Békés were tested positive for highly pathogenic avian influenza A(H5N1). | January 11, 2022 January 17, 2022 |
| | Samples from birds in Budapest, Zala, Baranya, Pest, Vas and Borsod-Abaúj-Zemplén were tested positive for highly pathogenic avian influenza A(H5N1). | January 11, 2022 January 17, 2022 |
| Slovenia | Samples from birds in Jugovzhodna Slovenija, Podravska and Spodnjeposavska were tested positive for highly pathogenic avian influenza A(H5N1). | January 11, 2022 |
| Sweden | Samples from birds in Skåne, Södermanland, Halland, Kalmar, Stockholm and Blekinge were tested positive for highly pathogenic avian influenza A(H5N1). | January 11, 2022 January 12, 2022 January 13, 2022 |
| Poland | Samples from poultry and birds in ódskie, Mazowieckie, Wielkopolskie and Kujawsko-Pomorskie were tested positive for highly pathogenic avian influenza A(H5N1). | January 12, 2022 |
| | Samples from birds in Zachodniopomorskie, Pomorskie and witokrzyskie were tested positive for highly pathogenic avian influenza A(H5N1). | January 12, 2022 |
| | Samples from poultry in Lubuskie, Warmisko-Mazurskie and Dolnolskie were tested positive for highly pathogenic avian influenza A(H5N1). | January 12, 2022 |
| Spain | Samples from birds in Cataluña and Castilla y León were tested positive for highly pathogenic avian influenza A(H5N1). | January 12, 2022 January 14, 2022 |

| | | |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Canada | Samples from birds in Newfoundland and Labrador were tested positive for highly pathogenic avian influenza A(H5N1). | January 13, 2022 |
| Denmark | Samples from poultry in Veterinary Inspection Unit North were tested positive for highly pathogenic avian influenza A(H5N8). | January 13, 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). | January 13, 2022 |
| Israel | Samples from poultry and birds in HaZafon, HaDarom, HaMerkaz and Haifa were tested positive for highly pathogenic avian influenza A(H5N1). | January 13, 2022 January 17, 2022 |
| | Samples from poultry in Golan were tested positive for highly pathogenic avian influenza A(H5N1). | January 17, 2022 |
| | Samples from birds in Jerusalem were tested positive for highly pathogenic avian influenza A(H5N1). | January 17, 2022 |
| Taiwan | Samples from poultry in Yunlin County, Pingtung County and Changhua County were tested positive for highly pathogenic avian influenza A(H5N2) and A(H5N5). | January 13, 2022 |
| | Samples from poultry in Nantou County and Taoyuan City were tested positive for highly pathogenic avian influenza A(H5N2). | January 13, 2022 |
| | Samples from poultry in Tainan City, Taipei City, Kaohsiung City, New Taipei City and Chiayi County were tested positive for highly pathogenic avian influenza A(H5N5). | January 13, 2022 |
| Croatia | Samples from poultry and birds in Osjecko-Baranjska were tested positive for highly pathogenic avian influenza A(H5N1). | January 14, 2022 |
| | Samples from birds in Sisacko-Moslavacka, Vukovarsko-Srijemska, Medimurska, Istarska, Zagrebaka, Splitsko-Dalmatinska and Karlovacka were tested positive for highly pathogenic avian influenza A(H5N1). | January 14, 2022 |

| | | |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Finland | Samples from birds in Etelä-Suomen aluehallintovirasto were tested positive for highly pathogenic avian influenza A(H5N1). | January 14, 2022 |
| Ireland | Samples from poultry and birds in Monaghan were tested positive for highly pathogenic avian influenza A(H5N1). | January 14, 2022 |
| | Samples from poultry in Cavan were tested positive for highly pathogenic avian influenza A(H5N1). | January 14, 2022 |
| | Samples from birds in Offaly, Kerry, Longford, Wexford, Roscommon, Galway, Donegal, Kildare, Dublin, Waterford, Tipperary and Cork were tested positive for highly pathogenic avian influenza A(H5N1). | January 14, 2022 |
| Japan | Samples from poultry in Ehime, Aomori, Hiroshima, Kagoshima, Chiba, Kumamoto, Hygo and Saitama were tested positive for highly pathogenic avian influenza A(H5N1). | January 14, 2022 |
| Portugal | Samples from birds in Santarém were tested positive for highly pathogenic avian influenza A(H5N1). | January 14, 2022 |
| Slovakia | Samples from birds in Trnavský and Banskobystrický were tested positive for highly pathogenic avian influenza A(H5N1). | January 14, 2022 |
| South Africa | Samples from poultry in South Africa were tested positive for highly pathogenic avian influenza A(H5N1). | January 14, 2022 |
| | Samples from birds in Western Cape, Gauteng, North West, Free State, Eastern Cape, KwaZulu-Natal and Limpopo were tested positive for highly pathogenic avian influenza A(H5N1). | January 14, 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 14, 2022 |
| | Samples from birds in Isle of Man were tested positive for highly pathogenic avian influenza A(H5N1). | January 17, 2022 |
| Faroe Islands | Samples from birds in Streymoyar and Eysturoyar were tested positive for highly pathogenic avian influenza A(H5N1). | January 17, 2022 |

| | | |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Netherlands | Samples from birds in Flevoland, Zuid-Holland, Noord-Holland, Friesland, Limburg, Utrecht, Noord-Brabant, Gelderland, Zeeland, Overijssel, Utrecht, Groningen, IJsselmeer and Dutch Exclusive Economic Zone were tested positive for highly pathogenic avian influenza A(H5N1). | January 17, 2022 |
| Nigeria | Samples from poultry in Edo, Federal Capital Territory, Bayelsa, Kaduna, Kano, Nassarawa, Niger, Ogun, Akwa Ibom, Delta, Plateau, Bauchi, Rivers, Anambra, Gombe, Enugu, Oyo, Niger, Abia, Lagos, Edo, Taraba and Federal Capital Territory were tested positive for highly pathogenic avian influenza A(H5N1). | January 17, 2022 |
| Togo | Samples from poultry in Maritime were tested positive for highly pathogenic avian influenza A(H5N1). | January 17, 2022 |
| United States of America | Samples from birds in South Carolina were tested positive for highly pathogenic avian influenza A(H5). | January 17, 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 17, 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 | 11/01/2022 (H5N1) |
| Belgium | - | - | H5 | 04/01/2022 (H5N1) | H5 | 15/09/2021 (H5N8) 30/11/2021* 10/01/2022 (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* | - | - |
| Canada | - | - | - | - | H5 | 13/01/2022 (H5N1) |
| Cote D'Ivoire | - | - | H5 | 10/09/2021 (H5N1) | - | - |
| Croatia | - | - | H5 | 14/01/2022 (H5N1) | H5 | 14/01/2022 (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 | 23/12/2021 (H5N1) 04/01/2022 (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) 14/01/2022 (H5N1) |
| France | - | - | H5 | 05/08/2021 (H5N8) 13/01/2022 (H5N1) | H5 | 04/08/2021 (H5N3) 09/08/2021* 29/10/2021 (H5N8) 10/01/2022 (H5N1) |
| | | | | | H7 | 29/10/2021 (H7N7) |
| Germany | - | - | H5 | 01/07/2021 (H5N8) | H5 | 13/01/2022 (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) |
| | | | | 22/12/2021 (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 | 17/01/2022 (H5N1) | H5 | 17/01/2022 (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) 14/01/2022 (H5N1) |
| Israel | - | - | H5 | 13/01/2022 (H5N1) | H5 | 17/01/2022 (H5N1) |
| Italy | - | - | H5 | 10/01/2022 (H5N1) | H5 | 10/01/2022 (H5N1) |
| Japan | - | - | H5 | 13/12/2021 (H5N8) 14/01/2022 (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 (H5N1) 28/12/2021 (H5N8) |
| 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) | - | - | - | - |
| Guangdong | H5 | 31/07/2021 (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) |
| | | 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) | - | - | - | - |
| Netherlands | - | - | H5 | 16/07/2021 (H5N8) 07/01/2022 (H5N1) | H5 | 03/12/2021 (H5N8) 20/12/2021* 17/01/2022 (H5N1) |
| Niger | - | - | H5 | 07/01/2022 (H5N1) | - | - |
| Nigeria | - | - | H5 | 17/01/2022 (H5N1) | - | - |
| Norway | - | - | H5 | 09/12/2021 (H5N1) | H5 | 03/09/2021 (H5N8) |

| 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) |
| | | | | | | 16/12/2021 (H5N1) |
| Pakistan | - | - | H5 | 09/09/2021 (H5N8) 06/01/2022* | - | - |
| Poland | - | - | H5 | 24/09/2021 (H5N8) 12/01/2022 (H5N1) | H5 | 12/01/2022 (H5N1) |
| Portugal | - | - | H5 | 03/01/2022 (H5N1) | H5 | 14/01/2022 (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 | 01/12/2021 (H5N1) | H5 | 20/09/2021 (H5N8) 14/01/2022 (H5N1) |
| Slovenia | - | - | H5 | 29/12/2021 (H5N1) | H5 | 11/01/2022 (H5N1) |
| South Africa | - | - | H5 | 14/01/2022 (H5N1) | H5 | 14/01/2022 (H5N1) |
| Spain | - | - | - | - | 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) 13/01/2022 (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 | 17/01/2022 (H5N1) | - | - |
| Ukraine | - | - | - | - | H5 | 14/12/2021* |
| United Kingdom | H5 | 06/01/2022* | H5 | 13/09/2021 (H5N8) 14/01/2022 (H5N1) | H5 | 13/09/2021 (H5N8) 01/10/2021 (H5N3) 01/10/2021 (H5N5) 17/01/2022 (H5N1) |
| United States of America | - | - | - | - | H5 | 17/01/2022* |

| 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) |
| 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