

*Note: The reporting date of human infections included in this weekly update is based on the Event Information Site (EIS) posting date, rather than the date of initial notification received through the International Health Regulations (2005) (IHR).*

## Human infection with avian influenza A(H5) viruses

### Human infection with avian influenza A(H5N1) virus

From 14 to 20 November 2025, **no new case** of human infection with avian influenza A(H5N1) virus was reported to WHO in the Western Pacific Region. The last case was reported from Kampong Sieu Province, Cambodia, with an onset date of 4 October 2025.

From 1 January 2003 to 5 November 2025, a total of 480 cases of human infection with avian influenza A(H5N1) virus have been reported from six countries within the Western Pacific Region (Table 1). Of these cases, 318 were fatal, resulting in a case fatality rate (CFR) of 66.3%.

**Table 1: Cumulative number of laboratory-confirmed human cases (C) and deaths (D) of influenza A(H5N1) virus infection reported to WHO, 1 January 2003 to 5 November 2025, Western Pacific Region**

| Country      | 2003-2009  |            | 2010-2014  |           | 2015-2019 |          | 2020-2024 |          | 2025      |          | Total      |            |
|--------------|------------|------------|------------|-----------|-----------|----------|-----------|----------|-----------|----------|------------|------------|
|              | C          | D          | C          | D         | C         | D        | C         | D        | C         | D        | C          | D          |
| Australia    | 0          | 0          | 0          | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 1          | 0          |
| Cambodia     | 9          | 7          | 47         | 30        | 0         | 0        | 16        | 6        | 17        | 8        | 89         | 51         |
| China        | 38         | 25         | 9          | 5         | 6         | 1        | 3         | 1        | 1         | 0        | 57         | 32         |
| Indonesia    | 162        | 134        | 35         | 31        | 3         | 3        | 0         | 0        | 0         | 0        | 200        | 168        |
| Lao PDR      | 2          | 2          | 0          | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 3          | 2          |
| Viet Nam     | 112        | 57         | 15         | 7         | 0         | 0        | 2         | 1        | 1         | 0        | 130        | 65         |
| <b>Total</b> | <b>323</b> | <b>225</b> | <b>106</b> | <b>73</b> | <b>9</b>  | <b>4</b> | <b>23</b> | <b>8</b> | <b>19</b> | <b>8</b> | <b>480</b> | <b>318</b> |

[Source: Confirmed human cases of avian influenza A\(H5N1\) reported to WHO, 2003-2025](#)

Globally, from 1 January 2003 to 5 November 2025, 992 cases of human infection with avian influenza A(H5N1) virus were reported from 25 countries. Of these 992 cases, 476 were fatal (CFR of 48.0%).

### Human infection with avian influenza A(H5N6) virus

From 14 to 20 November 2025, **no new case** of human infection with avian influenza A(H5N6) virus was reported to WHO in the Western Pacific Region. Since 2014, a total of 93 laboratory-confirmed cases of human infection with influenza A(H5N6) virus including 57 deaths (CFR 61.3%) have been reported to WHO in the Western Pacific Region. The last case was reported from Anhui Province, China, with an onset date of 17 June 2024.

## Human infection with avian influenza A(H5) virus

From 14 to 20 November 2025, **no new case** of human infection with avian influenza A(H5) virus was reported to WHO in the Western Pacific Region. The last case was reported from Long An Province, Viet Nam, with an onset date of 9 November 2024.

## Public health risk assessment for human infection with avian influenza A(H5) viruses

Whenever avian influenza viruses are circulating in poultry, there is a risk for sporadic infection and small clusters of human cases due to exposure to infected poultry or contaminated environments. Therefore, sporadic human cases are not unexpected.

No sustained human-to-human transmission has been identified associated with the recent reported human infections with avian influenza A(H5). Available evidence suggests that influenza A(H5) viruses circulating have not acquired the ability to efficiently transmit between people, therefore sustained human-to-human transmission is thus currently considered unlikely at this time.

The zoonotic threat remains elevated due to the spread of viruses among birds. However, the overall pandemic risk associated with A(H5) is considered to not have significantly changed in comparison to previous years. WHO recommends that Member States remain vigilant and consider mitigation steps to reduce human exposure to potentially infected birds to reduce the risk of additional zoonotic infection. For information on risk assessments on Avian Influenza, see:

[Updated joint FAO/WHO/WOAH public health assessment of recent influenza A\(H5\) virus events in animals and people](#) published on 29 September 2025.

## Human infection with avian influenza A(H3N8) virus

From 14 to 20 November 2025, **no new case** of human infection with avian influenza A(H3N8) virus was reported to WHO in the Western Pacific Region. The last case was reported from China with an onset date of 22 February 2023. To date, a total of three laboratory-confirmed cases of human infection with influenza A(H3N8) virus with one death have been reported to WHO in the Western Pacific Region.

## Human infection with avian influenza A(H7N4) virus in China

From 14 to 20 November 2025, **no new case** of human infection with avian influenza A(H7N4) virus was reported to WHO in the Western Pacific Region. To date, only one laboratory-confirmed case of human infection with influenza A(H7N4) virus has been reported to WHO. This case was reported from China on 14 February 2018.

## Human infection with avian influenza A(H7N9) virus in China

From 14 to 20 November 2025, **no new case** of human infection with avian influenza A(H7N9) virus was reported to WHO in the Western Pacific Region. To date, a total of 1 568 laboratory-confirmed human infections with avian influenza A(H7N9) virus, including 616 fatal cases (CFR: 39.3%), have been reported to WHO since early 2013. The last case of human infection with avian influenza A(H7N9) reported to WHO in the Western Pacific Region was in 2019.

## Human infection with avian influenza A(H9N2) virus

From 14 to 20 November 2025, **no new case** of human infection with avian influenza A(H9N2) virus was reported to WHO in the Western Pacific Region. The last case was reported from Guangxi Province, China, with onset of symptoms on 12 October 2025.

Since December 2015, a total of 149 cases of human infection with avian influenza A(H9N2), including two deaths (both with underlying conditions), have been reported to WHO in the Western Pacific Region. Of these, 146 were reported from China, two were reported from Cambodia, and one was reported from Viet Nam.

## Human infection with avian influenza A(H10N3) virus

From 14 to 20 November 2025, **no new case** of human infection with avian influenza A(H10N3) virus was reported to WHO in the Western Pacific Region. The last case was reported from China with an onset date of 21 April 2025.

To date, six cases of human infection with avian influenza A(H10N3) have been reported globally.

Most previously reported human infections with avian influenza viruses were due to exposure to infected poultry or contaminated environments. Since avian influenza viruses, including avian influenza A(H10N3) viruses, continue to be detected in poultry populations, further sporadic human cases could be detected in the future. Currently, available epidemiologic information suggests that the avian influenza A(H10N3) virus has not acquired the ability for sustained human-to-human transmission, thus the likelihood of spread among humans is low.

## Human infection with avian influenza A(H10N5) virus

From 14 to 20 November 2025, **no new case** of human infection with avian influenza A(H10N5) was reported to WHO in the Western Pacific Region. To date, one case of avian influenza A(H10N5) virus has been reported from Zhejiang Province, China, with an onset date of 30 November 2023.

Avian influenza A(H10) subtype viruses are known to be distributed in domestic and wild bird species worldwide. They are classified as low pathogenic and occasionally infect mammals (e.g., pigs). Human infection with avian influenza A(H10N5) is unusual; however, given the sporadic nature of human infection with H10Nx, this is not an unexpected event. There is no evidence of sustained human-to-human transmission of influenza A(H10Nx). Human infections of avian influenza need to be monitored and assessed for any indications of changes in transmissibility and virulence.

## Animal infection with avian influenza virus

From 14 to 20 November 2025, **18 new outbreaks** of highly pathogenic avian influenza (HPAI) in animals were reported to the World Organization for Animal Health (WOAH) in the Western Pacific Region: Japan and Republic of Korea.

- On 14 November 2025, 17 outbreaks of H5N1 in domestic and wild birds were reported in Niigata, Hokkaido, Miyazaki, Yamagata, and Kagoshima prefectures, Japan, with a total of 48 cases and 40 deaths. ([Source 1, 2](#))
- On 19 November 2025, an outbreak of H5N9 in a wild bird was reported in Jeollabuk-do, Republic of Korea, with a total of one case and one death. This is the first detection of H5N9 in the country. ([Source](#))

For more information on animal infection with avian influenza viruses with potential public health impact, visit:

- [WOAH web page: Weekly disease information and Latest report on Avian Influenza](#)
- [Emergency Prevention System for Transboundary Animal and Plant Pests and Diseases \(EMPRES\)](#)
- [FAO Global Animal Disease Information System \(EMPRES-i\)](#)

## Other updates

- [Cumulative number of confirmed human cases for avian influenza A\(H5N1\) reported to WHO, 2023-2025](#), 5 November 2025
- [Influenza at the human-animal interface, Summary and risk assessment, from 30 September to 5 November 2025](#), 5 November 2025
- [Updated joint FAO/WHO/WOAH public health assessment of recent influenza A\(H5\) virus events in animals and people](#), 28 July 2025
- [Considerations for use of avian influenza A\(H5\) vaccines during the interpandemic and emergence periods](#), 23 June 2025
- [Genetic and antigenic characteristics of clade 2.3.4.4b A\(H5N1\) viruses identified in dairy cattle in the United States of America](#), 22 May 2025
- [Genetic and antigenic characteristics of zoonotic influenza A viruses and development of candidate vaccine viruses for pandemic preparedness](#), February 2025
- [Recommended composition of influenza virus vaccines for use in the 2026 southern hemisphere influenza season](#), 26 September 2025
- [Recommended composition of influenza virus vaccines for use in the 2025-2026 northern hemisphere influenza season](#), 28 February 2025
- [WHO position paper: Vaccines against influenza](#), 1 June 2022
- [Assessment of risk associated with recent influenza A\(H5N1\) clade 2.3.4.4b viruses](#), 21 December 2022
- [WHO SAGE Seasonal Influenza Vaccination Recommendations during the COVID-19 Pandemic Interim guidance](#), 20 September 2020