

## Human infection with avian influenza A(H5N1)

From 19 to 22 January 2015, there were **no new cases** of human infection with avian influenza A(H5N1) reported in the Western Pacific Region. The last case in this region was reported on 19 March 2014.

From 2003 to 22 January 2015, 232 cases have been reported from 4 countries in the Western Pacific Region (Table 1). Of these cases, 133 were fatal, resulting in a case fatality rate (CFR) of 57%. Among countries that have reported more than 10 cases, Cambodia has experienced the highest CFR of 66%, followed by China 64%, and Viet Nam 50%.

**Table 1: Cumulative number laboratory-confirmed human cases (C) and deaths (D) of influenza A (H5N1) virus infection reported to WHO (January 2003 to 22 Jan 2015), Western Pacific Region.**

Country	2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		Total	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
Cambodia	0	0	0	0	4	4	2	2	1	1	1	0	1	0	1	1	8	8	3	3	26	14	9	4	56	37
China	1	1	0	0	8	5	13	8	5	3	4	4	7	4	2	1	1	1	2	1	2	2	2	0	47	30
Lao PDR	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Viet Nam	3	3	29	20	61	19	0	0	8	5	6	5	5	5	7	2	0	0	4	2	2	1	2	2	127	64
<b>Total</b>	<b>4</b>	<b>4</b>	<b>29</b>	<b>20</b>	<b>73</b>	<b>28</b>	<b>15</b>	<b>10</b>	<b>16</b>	<b>11</b>	<b>11</b>	<b>9</b>	<b>13</b>	<b>9</b>	<b>10</b>	<b>4</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>6</b>	<b>30</b>	<b>17</b>	<b>13</b>	<b>6</b>	<b>232</b>	<b>133</b>

From 2003 to 22 January 2015, 694 cases have been reported from 16 countries in the world. Of these cases, 402 were fatal, resulting in a CFR of 58%.

*For more information on confirmed cases of human infection with avian influenza A(H5N1) virus, reported to WHO visit:*

[http://www.who.int/influenza/human\\_animal\\_interface/EN\\_GIP\\_20150106CumulativeNumberH5N1cases.pdf](http://www.who.int/influenza/human_animal_interface/EN_GIP_20150106CumulativeNumberH5N1cases.pdf)

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

After 19 to 22 January 2015, there were **no new cases** of human infection with avian influenza A(H7N9) virus reported to WHO from China. The last case was reported to WHO on 19 January 2015.

To date, there has been no evidence of sustained human-to-human transmission of influenza A(H7N9). Affected provinces and municipalities continue to maintain surveillance and response activities.

WHO does not advise special screening at points of entry with regard to this event, nor does it recommend any travel restrictions be applied. WHO continues to work closely with national authorities and technical partners to gain a better understanding of this disease in humans and will continue to provide updated information as the situation evolves.

*For more information on human infection with avian influenza A (H7N9) virus, visit:*

[http://www.wpro.who.int/outbreaks\\_emergencies/H7N9/en/index.html](http://www.wpro.who.int/outbreaks_emergencies/H7N9/en/index.html)

[http://www.who.int/influenza/human\\_animal\\_interface/influenza\\_h7n9/en/index.html](http://www.who.int/influenza/human_animal_interface/influenza_h7n9/en/index.html)

## Animal infection with avian influenza A

Animal infection with avian influenza viruses has been reported in a number of countries in the Western Pacific Region, including in China and Japan.

### China

#### - H5N1 HPAI infection in poultry (Henan):

- ✓ An outbreak of H5N1 was reported on 16 January 2015 with a total of 25 pochards, 66 swans and 2 scaups found dead in Yellow River Wetland, Sanmenxia, HENAN

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=16959](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=16959)

#### - H5N8 HPAI infection in poultry (Taiwan):

Following HPAI H5N8 outbreaks were reported.

These outbreaks included:

- ✓ An outbreak in a breeding goose farm in Dalin Township, Chiayi County to OIE on 11 January 2015 with a total of 5,200 birds died and destroyed.
- ✓ 3 outbreaks in a breeding geese farm in Dalin Township 3, Chiayi County;
- ✓ An outbreak in a breeding geese farm in Dongshi Township, Yunlin County; and
- ✓ An outbreak in a breeding geese farm in Changzhi Township, Pingtung County.
- ✓ 2 outbreaks in a breeding geese farm in Dalin Township, Chiayi County;
- ✓ An outbreak in a breeding geese farm in Taixi Township, Yunlin County; and
- ✓ An outbreak in a breeding geese farm in Dongshi Township, Yunlin County.
- ✓ An outbreak in a breeding geese farm in Taixi Township, Yunlin County;
- ✓ An outbreak in a geese farm in Taixi Township, Yunlin County;
- ✓ An outbreak in a breeding geese farm in Dongshi Township, Yunlin County;
- ✓ 2 outbreaks in a geese farm in Xiaying District, Tainan City;
- ✓ 2 outbreaks in a geese farm in Dongshi Township, Yunlin County;
- ✓ 3 outbreak in a geese farm in Madou District, Tainan City;
- ✓ An outbreak in a breeding duck farm in Madou District, Tainan City; and
- ✓ 2 outbreaks in a geese farm in Wandan Township, Pingtung County.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=16935](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=16935)

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=16946](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=16946)

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=16956](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=16956)

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?reportid=16963](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?reportid=16963)

#### - H5N2 HPAI infection in poultry (Taiwan):

100 HPAI H5N2 outbreaks were reported in chicken and geese farms.

These outbreaks included:

##### - 12 January 2015

- ✓ An outbreak in a chicken layer farm in Pingtung County.
- ✓ 5 outbreaks in geese farms in Pingtung County and Yunlin County.

##### - 13 January 2015

- ✓ 9 outbreaks in geese farms in Chiayi County, Pingtung County and Yunlin County.

##### - 15 January 2015

- ✓ 8 outbreaks in a geese farms in Chiayi County, Changhua County, Taoyuan County, Yunlin County, and Pingtung County.

##### - 16 January 2015

- ✓ 17 outbreaks in a geese farms in Chiayi County, Changhua County, Yunlin County, Pingtung County and Taoyuan County.

- 19 January 2015

- ✓ 60 outbreaks in a geese farms in Pingtung County, Yunlin County, Kaohsiung, Changhua County, Chiayi County, Changhua County.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=16923](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=16923)

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=16936](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=16936)

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=16947](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=16947)

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?reportid=16957](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?reportid=16957)

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?reportid=16965](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?reportid=16965)

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=16985](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=16985)

### **H5N3 HPAI infection in poultry (Taiwan):**

15 HPAI H5N3 outbreaks were reported.

These outbreaks included:

- ✓ An outbreak in a geese farm in Wandan Township, Pingtung County.
- ✓ 13 outbreaks in a geese farm in Wandan Township, Pingtung County;
- ✓ An outbreak in a geese farm in Gaoshu Township, Pingtung County.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?reportid=16968](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?reportid=16968)

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?reportid=16986](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?reportid=16986)

## **Japan**

### **- H5N8 HPAI outbreaks in poultry (Okayama):**

- ✓ An outbreak of HPAI H5N8 in a layer farm was reported in Kasaoka-shi, Okayama on 16 January 2015 with a total of 200,000 birds destroyed.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=16964](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=16964)

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

- World Organization of Animal Health (OIE) web page:

<http://www.oie.int/animal-health-in-the-world/web-portal-on-avian-influenza/> and <http://www.oie.int/animal-health-in-the-world/update-on-avian-influenza>

- Food and Agriculture Organization of the UN (FAO) webpage: Avian Influenza:

<http://www.fao.org/avianflu/en/index.html>

- OFFLU:

<http://www.offlu.net/>

- EMPRES:

<http://www.fao.org/foodchain/empres-prevention-and-early-warning/en/>

## **Latest information on human seasonal influenza**

*For the latest information on the seasonal influenza situation in the Western Pacific Region, visit:*

[http://www.wpro.who.int/emerging\\_diseases/Influenza/en/index.html](http://www.wpro.who.int/emerging_diseases/Influenza/en/index.html)

*For latest information on the global seasonal influenza situation, visit:*

- Epidemiology:

[http://www.who.int/influenza/surveillance\\_monitoring/updates/latest\\_update\\_GIP\\_surveillance](http://www.who.int/influenza/surveillance_monitoring/updates/latest_update_GIP_surveillance)

- Virology:

[http://www.who.int/influenza/gisrs\\_laboratory/updates/summaryreport](http://www.who.int/influenza/gisrs_laboratory/updates/summaryreport)