

Avian Influenza Report



Avian Influenza Report is a weekly report produced by the Respiratory Disease Office, Centre for Health Protection of the Department of Health. 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 63 new human cases of avian influenza A(H7N9) reported by Mainland China health authorities in Jiangsu (13 cases), Guangdong (10 cases), Hunan (9 cases), Zhejiang (8 cases), Jiangxi (7 cases), Anhui (5 cases), Fujian (5 cases), Hubei (4 cases), Guangxi (1 case) and Sichuan (1 case). In addition, health authority in Taiwan reported one imported human case of avian influenza A(H7N9). Since March 2013 (as of February 6, 2017), there were a total of 1107 human cases of avian influenza A(H7N9) reported globally. Since November 2016 (as of February 6, 2017), 302 cases have been recorded in Mainland China.
2. Since the previous issue of AIR, there were no new human cases of avian influenza A(H5N6). Since 2014 (as of February 4, 2017), 16 human cases of avian influenza A(H5N6) were reported globally and all occurred in Mainland China. The latest case was reported on December 1, 2016.
3. There were no new human cases of avian influenza A(H5N1) reported by the World Health Organization (WHO) in 2017. From 2011 to 2015, 32 to 145 confirmed human cases of avian influenza A(H5N1) were reported to WHO annually (according to onset date). In 2016, there have been 10 cases in Egypt.*

* 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 January, 2017.

This week's highlights

(Sources: WHO, National Health and Family Planning Commission (NHFPCC), Mainland health authorities, Ministry of Agriculture of the People's Republic of China, CHP and World Organisation for Animal Health (OIE))

Table 1. Hong Kong: Confirmed human cases of avian influenza A(H5) / avian influenza A(H7N9)

	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 cases of human infection with avian influenza A(H7N9)

New cases in Mainland China since previous issue of AIR

Province / Region / Municipality	/ District / Area	Age (years)	Sex	Clinical condition at time of reporting	Date of report
Hubei	Xiaogan	40	M	Severe pneumonia	02/02/2017
Hubei	-	55	M	Critical	02/02/2017
Zhejiang	Hangzhou	83	F	Severe pneumonia	03/02/2017
Jiangsu	Wuxi	57	M	Fatal	03/02/2017
Guangdong	Guangzhou	81	M	Severe pneumonia	03/02/2017
Jiangsu	Suzhou	67	M	Severe pneumonia	03/02/2017
Hunan	Shaoyang	66	M	Under investigation	03/02/2017
Zhejiang	Lishui	80	M	Severe pneumonia	03/02/2017
Hunan	Hengyang	60	M	Fatal	03/02/2017
Hunan	Shaoyang	65	M	Under investigation	03/02/2017
Guangdong	Shenzhen	33	M	Severe pneumonia	03/02/2017
Jiangsu	Suzhou	57	M	Fatal	03/02/2017
Guangdong	Guangzhou	45	M	Severe pneumonia	03/02/2017
Hunan	Shaoyang	55	M	Under investigation	03/02/2017
Jiangsu	Suzhou	66	F	Severe pneumonia	03/02/2017
Anhui	Lu'an	36	F	Severe pneumonia	03/02/2017
Jiangsu	Yangzhou	39	M	Severe pneumonia	03/02/2017
Guangdong	Chaozhou	55	M	Fatal	03/02/2017
Jiangsu	Nantong	65	M	Under investigation	03/02/2017
Jiangsu	Taizhou	62	M	Pneumonia	03/02/2017
Guangdong	Shenzhen	34	F	Pneumonia	03/02/2017
Jiangxi	Jingdezhen	84	M	Fatal	03/02/2017
Hunan	Xiangtan	64	M	Severe pneumonia	03/02/2017
Zhejiang	Ningbo	69	M	Under investigation	03/02/2017
Fujian	Putian	30	M	Under investigation	03/02/2017
Jiangsu	Huai'an	56	F	Under investigation	03/02/2017

Province / Region / Municipality	/ District / Area	Age (years)	Sex	Clinical condition at time of reporting	Date of report
Guangdong	Dongguan	49	F	Under investigation	03/02/2017
Anhui	Xuancheng	61	M	Under investigation	03/02/2017
Jiangxi	Yichun	59	M	Under investigation	03/02/2017
Guangdong	Guangzhou	71	M	Severe pneumonia	03/02/2017
Hunan	Loudi	26	M	Pneumonia	03/02/2017
Jiangxi	Yingtian	58	F	Severe pneumonia	03/02/2017
Zhejiang	Wenzhou	59	M	Under investigation	03/02/2017
Guangdong	Shaoguan	70	M	Fatal	03/02/2017
Guangdong	Guangzhou	46	M	Fatal	03/02/2017
Jiangsu	Yangzhou	59	M	Pneumonia	03/02/2017
Fujian	Fuzhou	49	M	Fatal	03/02/2017
Anhui	Suzhou	33	F	Under investigation	03/02/2017
Zhejiang	Ningbo	59	M	Under investigation	03/02/2017
Jiangsu	Nanjing	59	F	Severe pneumonia	03/02/2017
Jiangxi	Ganzhou	62	F	Fatal	03/02/2017
Fujian	Putian	64	M	Under investigation	03/02/2017
Fujian	Putian	38	M	Severe pneumonia	03/02/2017
Zhejiang	Jinhua	60	M	Under investigation	03/02/2017
Jiangxi	Yichun	50	M	Pneumonia	03/02/2017
Guangdong	Chaozhou	58	M	Pneumonia	03/02/2017
Anhui	Anqing	29	M	Under investigation	03/02/2017
Hubei	Wuhan	46	M	Severe pneumonia	03/02/2017
Sichuan	Suining	58	M	Severe pneumonia	03/02/2017
Jiangsu	Xuzhou	33	M	Under investigation	03/02/2017
Jiangsu	Nantong	78	M	Under investigation	03/02/2017
Hunan	Xiangtan	29	M	Pneumonia	03/02/2017
Jiangxi	Jingdezhen	71	M	Under investigation	03/02/2017
Fujian	Quanzhou	38	M	Pneumonia	03/02/2017
Zhejiang	Ningbo	51	M	Under investigation	03/02/2017
Jiangsu	Taizhou	46	F	Under investigation	03/02/2017
Anhui	Suzhou	32	M	Under investigation	03/02/2017
Jiangxi	Pingxiang	53	M	Under investigation	03/02/2017
Zhejiang	Ningbo	53	F	Severe pneumonia	03/02/2017
Hunan	Changsha	37	M	Serious	05/02/2017
Guangxi	Guigang	32	M	Critical	05/02/2017
Hubei	Honghu	-	M	Under investigation	05/02/2017
Taiwan	-	69	M	Under treatment	05/02/2017
Hunan	Changsha	69	F	Serious	06/02/2017

Table 3. Cumulative numbers of confirmed cases of human infection with avian influenza A(H7N9) since 2013 and since November 2016 respectively

Confirmed H7N9 human cases have been reported in the following countries / areas		Cumulative no. of cases since 2013 (1107 cases in total) (as of February 6 2017)	Cumulative no. of cases since November 2016 (309 cases in total) (as of February 6, 2017)
Mainland China	Zhejiang Province	272	53
	Guangdong Province	231	36^
	Jiangsu Province	209	105
	Fujian Province	87	13
	Anhui Province	69	33
	Shanghai Municipality	55	4
	Hunan Province	55	21
	Jiangxi Province	33	19
	Shandong Province	12	3
	Xinjiang Uygur Autonomous Region	10	-
	Beijing Municipality	9	-
	Hubei Province	8	6
	Guizhou Province	6	4
	Henan Province	5	1
	Hebei Province	4	-
	Guangxi Zhuang Autonomous Region	4	1
	Liaoning Province	3	2
	Jilin Province	2	-
	Tianjin Municipality	2	-
Sichuan Province	1	1	
Hong Kong		20*	4
Taiwan		5*	1
Canada		2*	-
Macao		2 [#]	2
Malaysia		1*	-

* All cases imported from Mainland China

^ Refer to Figure 1 for geographical distribution

The latest case imported from Mainland China

Figure 1. Geographical distribution of human cases of avian influenza A(H7N9) reported in Guangdong since November 2016 (information as of February 3, 2017)

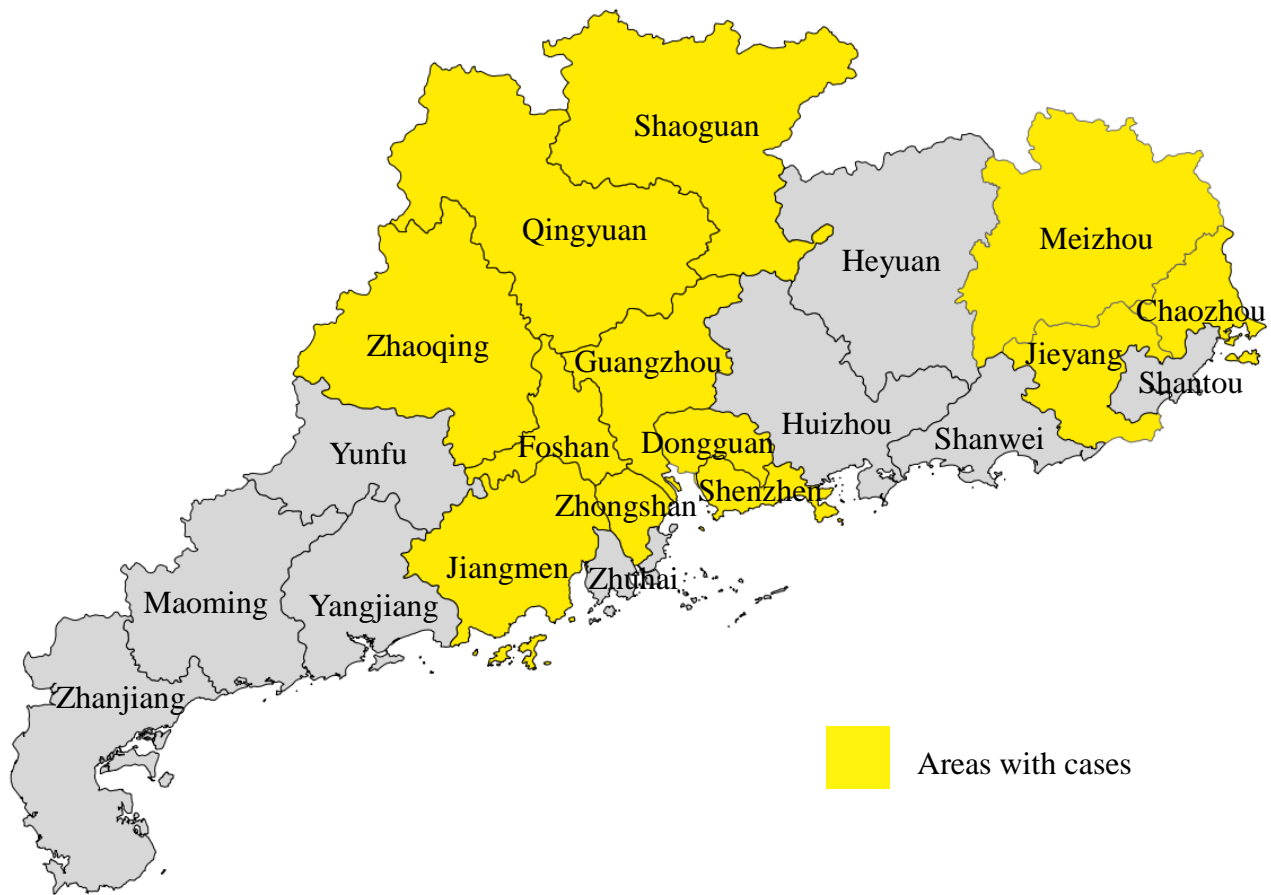


Table 4. Outside Hong Kong: Confirmed cases of human infection with avian influenza A(H5N6)

	Place of occurrence	No. of cases (No. of deaths)	Province / Region / Municipality	/ District / Area	Age (years)	Sex	Condition at time of reporting	Date of report
New cases	-	0(0)	-	-	-	-	-	-

Table 5. Cumulative number of confirmed cases of human infection with avian influenza A(H5N6) since 2014 and since November 2016 respectively

Confirmed H5N6 human cases have been reported in the following countries / areas		Cumulative no. of cases since 2014 (16 cases in total) (as of February 4, 2017)	Cumulative no. of cases since November 2016 (2 case in total) (as of February 4, 2017)
Mainland China	Guangdong	6	-
	Hunan	3	1
	Yunnan	2	-
	Anhui	1	-
	Hubei	1	-
	Jiangxi	1*	-
	Sichuan	1	-
	Guangxi Zhuang Autonomous Region	1	1

* imported case from Guangdong

Table 6. Outside Hong Kong: Confirmed human cases of avian influenza A(H5N1)

	Place of occurrence	No. of cases (No. of deaths)	Details
New cases	-	0(0)	-

For the cumulative no. of human cases by place, please refer to [WHO](#) website.

Table 7. Confirmed human cases of avian influenza A(H5N1) reported to WHO / NHFPC since 2003 (by onset date) [§]

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Overall
Cases	4	46	98	115	88	44	73	48	62	32	39	52	145	10	856
Deaths	4	32	43	79	59	33	32	24	34	20	25	22	42	3	452
Case fatality rate	100%	69.6%	43.9%	68.7%	67.0%	75.0%	43.8%	50.0%	54.8%	62.5%	64.1%	42.3%	29.0%	30.0%	52.8%

[§] Further breakdown by countries is available at [WHO](#) website

Table 8. Confirmed human cases of avian influenza A(H5N1) reported to WHO / NHFPC since 2003 (by date of reporting)

Country	Cumulative no. of cases (December 2003 to February 2017)	No. of recent cases [^] (November 2016 to February 2017)
Azerbaijan	8	0
Bangladesh	8	0
Cambodia	56	0
Canada	1	0
Mainland China	53	0
Djibouti	1	0
Egypt	356	0
Indonesia	199	0
Iraq	3	0
Laos	2	0
Myanmar	1	0
Nigeria	1	0
Pakistan	3	0
Thailand	25	0
Turkey	12	0
Vietnam	127	0
Overall	856	0

[^] Details of recent cases (November 2016 to February 2017) are listed in *Table 9*.

Table 9. Details of the recent confirmed human cases of avian influenza A(H5N1) reported to WHO (November 2016 to February 2017) (Sources: WHO)

Date of report	Country	Province / Region	District /	Sex	Age	Outcome at the time of reporting
-	-	-	-	-	-	-

Table 10. Outside Hong Kong: Confirmed human cases of avian influenza A infections other than avian influenza A(H5N1 / H5N6 / H7N9) reported in the past 6 months

	Place of occurrence	No. of cases (No. of deaths)	Details
In this reporting period	-	0(0)	-
Previously reported cases (onset in the past 6 months)	Mainland China	4(0)	Avian influenza A(H9N2): <ul style="list-style-type: none"> ▫ Guangdong Province: A 29-year-old woman with onset on August 8, 2016; and a 7-month-old girl with onset on December 11, 2016. ▫ Yunnan Province: A 10-month-old boy with onset on August 7, 2016. ▫ Jiangxi Province: A 4-year-old girl with onset on August 2, 2016.
	United States of America	1(0)	Avian influenza A(H7N2): <ul style="list-style-type: none"> ▫ United States of America: A human case reported on January 16, 2017.

Table 11. Hong Kong: Confirmed reports of avian influenza A(H5) or avian influenza A(H7N9) in poultry / wild birds since 2014

	No. of reports of H5 in poultry / wild birds	No. of reports of H7N9 in poultry / wild birds	Details
In this reporting period	0	0	-
Previously reported cases since 2014	8*	3 [#]	-

- * [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 \(H5N6\)](#)
- # [Samples from a batch of live chickens imported from a registered poultry farm in Shunde District of Foshan in Guangdong were tested positive for H7N9 virus on January 27, 2014.](#)
[Samples from a consignment of live chickens from a registered farm in Huicheng District of Huizhou in Guangdong were tested positive for H7N9 virus on December 30, 2014.](#)
[A sample of faecal droppings of live poultry taken from a poultry stall in Yan Oi Market in Tuen Mun was tested positive for H7N9 virus on June 5, 2016.](#)

Table 12. 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	1
H5N2	1
H5N3	1
H5N5	1
H5N6	1
H5N8	21

Table 13. 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
Portugal	Samples from birds in Dsvr Do Algarve were tested positive for highly pathogenic avian influenza A (H5N8).	January 31, 2017
Serbia	Samples from birds in Srbija were tested positive for highly pathogenic avian influenza A (H5N8).	January 31, 2017
United Kingdom	Samples from poultry and birds in England were tested positive for highly pathogenic avian influenza A (H5N8).	January 31 and February 3, 2017
Czech Republic	Samples from poultry and birds in Moravskoslezský, Ústecký and Jihočeský were tested positive for highly pathogenic avian influenza A (H5N8).	February 1, 2017 (2 reports)
Netherlands	Samples from birds in Zuid-Holland, Gelderland, Utrecht, Noord-Holland and Friesland were tested positive for highly pathogenic avian influenza A (H5N8).	February 1, 2017
Romania	Samples from poultry and birds in Prahova, Bacău, Tulcea, Neamț, Constanța and Galați were tested positive for highly pathogenic avian influenza A (H5N8).	February 1, 2017
Poland	Samples from poultry and birds in Dolnoslaskie, Mazowieckie, Malopolskie, Zachodnio-Pomorskiego, Lodzkie, Lubuskie, Opolskie and Podkarpackie were tested positive for highly pathogenic avian influenza A (H5N8).	February 1 and February 3, 2017
	Samples from birds in Dolnoslaskie were tested positive for highly pathogenic avian influenza A (H5N5).	February 3, 2017
Greece	Samples from birds in Peloponnese and Dytiki Makedonia were tested positive for highly pathogenic avian influenza A (H5N8).	February 2, 2017
Macedonia	Samples from birds in Negotino were tested positive for highly pathogenic avian influenza A (H5).	February 3, 2017
Belgium	Samples from birds in Oost-Vlaanderen were tested positive for highly pathogenic avian influenza A (H5N8).	February 3, 2017
Denmark	Samples from birds in the West and East Regions were tested positive for highly pathogenic avian influenza A (H5N8).	February 3, 2017
Ireland	Samples from birds in Roscommon and Leitrim were tested positive for highly pathogenic avian influenza A (H5N8).	February 3, 2017
Finland	Samples from birds in Ahvenanmaan Maakunnan were tested positive for highly pathogenic avian influenza A (H5N8).	February 3, 2017

Places of occurrence	Details	OIE Report Date
France	Samples from poultry and birds in Landes, Gers, Hautes-Pyrénées, Pyrénées-Atlantiques and Haute-Garonne were tested positive for highly pathogenic avian influenza A (H5N8).	February 3, 2017 (2 reports)
	Samples from birds in Landes were tested positive for low pathogenic avian influenza A (H5N1).	February 3, 2017
	Samples from birds in Pyrénées-Atlantiques were tested positive for low pathogenic avian influenza A (H5N3).	February 3, 2017
Germany	Samples from poultry and birds in Rheinland-pfalz, Sachsen, Hessen, Brandenburg, Thuringen, Bayern, Niedersachsen, Mecklenburg-Vorpommern, Nordrhein-Westfalen, Sachsen-Anhalt and Schleswig-Holstein were tested positive for highly pathogenic avian influenza A (H5N8).	February 3, 2017
Italy	Samples from poultry in Emilia-Romagna were tested positive for highly pathogenic avian influenza A (H5N8).	February 3, 2017
Slovakia	Samples from poultry and birds in Trnava, Zilina, Trencin, Nitra, Bratislava and Banska Bystrica were tested positive for highly pathogenic avian influenza A (H5N8).	February 5, 2017 (2 reports)
Taiwan	Samples from birds in Hualien were tested positive for highly pathogenic avian influenza A (H5N6).	February 5, 2017
	Samples from poultry in Yunlin and Yilan were tested positive for highly pathogenic avian influenza A (H5N2).	February 6, 2017

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 14. Countries / areas with documented avian influenza A (H7N9) or highly pathogenic avian influenza (including H5 and other subtypes) cases in the recent 6 months (including infections in humans/birds and relevant environmental samples) (as of February 6, 2017)

Country/ Area	Human cases		Poultry cases / environmental samples		Wild bird cases / others	
	Subtype of virus	Date of last report	Subtype of virus	Date of last report (Subtype in this report)	Subtype of virus	Date of last report (Subtype in this report)
Algeria	-	-	-	-	H7	02/11/2016 (H7N1)
Austria	-	-	H5	11/11/2016 (H5N8)	H5	01/12/2016 (H5N8)
Bangladesh	-	-	H5	21/01/2017 (H5N1)	H5	21/01/2017 (H5N1)
Belgium	-	-	-	-	H5	03/02/2017 (H5N8)
Bhutan	-	-	H5	24/10/2016 (H5N1)	-	-
Bulgaria	-	-	H5	28/12/2016*	H5	22/12/2016*
Cambodia	-	-	H5	31/01/2017 (H5N1)	-	-
Cameroon	-	-	H5	14/09/2016 (H5N1)	-	-
Cote D'Ivoire	-	-	H5	03/10/2016 (H5N1)	-	-
Croatia	-	-	H5	16/01/2017 (H5N8)	H5	27/01/2017 (H5N8) 05/01/2017 (H5N5)
Czech Republic	-	-	H5	01/02/2017 (H5N8)	H5	01/02/2017 (H5N8)
Denmark	-	-	H5	21/11/2016 (H5N8)	H5	03/02/2017 (H5N8)
Egypt	-	-	Endemic	Endemic (H5N1) 12/01/2017 (H5N8)	H5	30/11/2016 (H5N8)
Finland	-	-	-	-	H5	03/02/2017 (H5N8)
France	-	-	H5	09/08/2016 (H5N2) 03/02/2017 (H5N8)	H5	03/02/2017 (H5N8)
Germany	-	-	H5	03/02/2017 (H5N8) 27/01/2017 (H5N5)	H5	03/02/2017 (H5N8) 24/01/2017 (H5N5)
Ghana	-	-	H5	23/11/2016 (H5N1)	-	-
Greece	-	-	H5	27/01/2017 (H5N8)	H5	02/02/2017 (H5N8) 27/01/2017 (H5N5)
Hong Kong	H7N9	11/01/2017 [#]	-	-	H5	08/12/2016 (H5N6)
Hungary	-	-	H5	29/12/2016 (H5N8)	H5	04/11/2016 (H5N8)
India	-	-	H5	12/01/2017 (H5N8) 27/01/2017 (H5N1)	H5	19/01/2017 (H5N8) 27/12/2016 (H5N1)
Indonesia	-	-	Endemic	Endemic	-	-
Iran	-	-	H5	07/01/2017 (H5N8)	H5	18/12/2016 (H5N8)
Ireland	-	-	-	-	H5	03/02/2017 (H5N8)
Israel	-	-	H5	23/01/2017 (H5N8)	H5	24/01/2017 (H5N8)
Italy	-	-	H5	03/02/2017 (H5N8)	H5	13/01/2017 (H5N5) 24/01/2017 (H5N8)
Japan	-	-	H5	25/01/2017 (H5N6)	H5	21/11/2016 (H5N6)
Kazakhstan	-	-	-	-	H5	20/01/2017*
Korea	-	-	H5	07/09/2016 (H5N8) 02/12/2016 (H5N6)	-	-
Kuwait	-	-	H5	22/01/2017 (H5N8)	-	-
Laos	-	-	H5	14/10/2016 (H5N1)	-	-
Macau	H7N9	12/01/2017 [#]	H7	13/12/2016 (H7N9)	-	-
Mainland China						
Anhui	H7N9	26/01/2017	-	-	-	-
Fujian	H7N9	23/01/2017	-	-	-	-
Gansu	-	-	H5	08/10/2016 (H5N6)	-	-
Guangdong	H7N9	19/01/2017	-	-	-	-
Guangxi	H5N6	05/02/2017	-	-	-	-
Guizhou	H5N6 H7N9	09/11/2016 20/01/2017	H5	31/08/2016 (H5N6)	-	-
Henan	H7N9	14/01/2017	-	-	-	-
Hubei	H7N9	05/02/2017	H5	08/10/2016 (H5N6)	H5	18/01/2017 (H5N8)
Hunan	H5N6 H7N9	18/11/2016 06/02/2017	H5	12/01/2017 (H5N6)	-	-
Jiangsu	H7N9	29/01/2017	-	-	-	-
Jiangxi	H7N9	21/01/2017	-	-	-	-
Liaoning	H7N9	21/01/2017	-	-	-	-
Shandong	H7N9	17/01/2017	-	-	-	-
Shanghai	H7N9	04/01/2017	-	-	-	-
Shanxi	-	-	-	-	H5	05/01/2017 (H5N8)
Sichuan	H7N9	16/01/2017	H5	28/12/2016 (H5N6)	-	-
Xinjiang	-	-	H5	28/12/2016 (H5N6)	-	-

Country/ Area	Human cases		Poultry cases / environmental samples		Wild bird cases / others	
	Subtype of virus	Date of last report	Subtype of virus	Date of last report (Subtype in this report)	Subtype of virus	Date of last report (Subtype in this report)
Zhejiang	H7N9	22/01/2017	-	-	-	-
Montenegro	-	-	-	-	H5	22/12/2016 (H5N5)
Netherlands	-	-	H7 and H5	28/12/2016 (H5N8)	H5	14/12/2016 (H5N5) 01/02/2017 (H5N8)
Niger	-	-	H5	19/1/2017 (H5N1)	-	-
Nigeria	-	-	H5	16/01/2017 (H5N1) 30/01/2017 (H5N8)	H5	17/12/2016 (H5N8)
Poland	-	-	H5	03/02/2017 (H5N8)	H5	01/02/2017 (H5N8) 03/02/2017 (H5N5)
Portugal	-	-	-	-	H5	31/01/2017 (H5N8)
Macedonia	-	-	H5	30/01/2017 (H5N8)	H5	03/02/2017*
Romania	-	-	H5	01/02/2017 (H5N8)	H5	27/01/2017 (H5N8)
Russia	-	-	H5	26/01/2017*	H5	26/01/2017*
Serbia	-	-	H5	16/12/2016 (H5N8)	H5	31/01/2017 (H5N8)
Slovakia	-	-	H5	05/02/2017 (H5N8)	H5	05/02/2017 (H5N8)
Slovenia	-	-	-	-	H5	27/01/2017 (H5N8)
Spain	-	-	-	-	H5	11/01/2017 (H5N8)
Sweden	-	-	H5	28/01/2017 (H5N8)	H5	09/01/2017 (H5N8)
Switzerland	-	-	-	-	H5	11/01/2017 (H5N8)
Taiwan	H7N9	05/02/2017^	H5	06/02/2017 (H5N2) 09/01/2017 (H5N8)	H5	05/02/2017 (H5N6)
Togo	-	-	H5	25/08/2016 (H5N1)	-	-
Tunisia	-	-	-	-	H5	01/12/2016 (H5N8)
Uganda	-	-	H5	15/01/2017*	-	-
Ukraine	-	-	H5	12/01/2017 (H5N8)	H5	18/01/2017 (H5N8)
United Kingdom	-	-	H5	31/01/2017 (H5N8)	H5	03/02/2017 (H5N8)
United States of America	-	-	-	-	H5	09/01/2017 (H5N2)
Vietnam	-	-	H5	02/10/2016 (H5N1)	-	-

Sources: WHO, OIE, NHFPC and other official websites # imported case from Guangdong * without further subtype information ^ imported case from Guangdong