# 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.

#### **VOLUME 13, NUMBER 06**

Reporting period: February 5, 2017 – February 11, 2017 (Week 06) (Published on February 14, 2017)

#### **Summary**

- 1. Since the previous issue of Avian Influenza Report (AIR), there were 53 new human cases of avian influenza A(H7N9) reported by Mainland China health authorities in Zhejiang (12 cases), Jiangsu (10 cases), Anhui (6 cases), Fujian (5 cases), Guangdong (4 cases), Hubei (4 cases), Henan (3 cases), Jiangxi (3 cases), Sichuan (3 cases), Beijing (1 case), Shanghai (1 case) and Yunnan (1 case). Since March 2013 (as of February 13, 2017), there were a total of 1160 human cases of avian influenza A(H7N9) reported globally. Since November 2016 (as of February 13, 2017), 355 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 11, 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.\*

<sup>\*</sup> 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 (NHFPC), 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(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
Henan	Kaifeng	38	M	Severe pneumonia	07/02/2017
Henan	Zhengzhou	54	M	Critical	09/02/2017
Sichuan	Suining	55	M	Severe pneumonia	09/02/2017
Sichuan	-	75	M	Critical	09/02/2017
Anhui	Fuyang	50	M	Severe pneumonia	10/02/2017
Zhejiang	Jiaxing	62	M	Pneumonia	10/02/2017
Jiangsu	Huai'an	60	M	Under investigation	10/02/2017
Fujian	Fuzhou	62	M	Pneumonia	10/02/2017
Sichuan	Suining	57	M	Under investigation	10/02/2017
Fujian	Quanzhou	75	M	Pneumonia	10/02/2017
Jiangsu	Taizhou	40	M	Under investigation	10/02/2017
Zhejiang	Ningbo	42	M	Under investigation	10/02/2017
Anhui	Lu'an	47	M	Pneumonia	10/02/2017
Guangdong	Shanwei	62	F	Under investigation	10/02/2017
Jiangsu	Nanjing	39	F	Severe pneumonia	10/02/2017
Jiangsu	Nanjing	67	F	Severe pneumonia	10/02/2017
Zhejiang	Ningbo	76	F	Under investigation	10/02/2017
Jiangxi	Yingtan	67	M	Under investigation	10/02/2017
Zhejiang	Ningbo	58	M	Under investigation	10/02/2017
Anhui	Suzhou	39	F	Pneumonia	10/02/2017
Guangdong	Guangzhou	68	F	Pneumonia	10/02/2017

Province / Region / Municipality	/ District / Area	Age (years)	Sex	Clinical condition at time of reporting	Date of report
Zhejiang	Ningbo	56	M	Under investigation	10/02/2017
Zhejiang	Ningbo	32	M	Under investigation	10/02/2017
Jiangsu	Taizhou	45	M	Under investigation	10/02/2017
Fujian	Fuzhou	76	M	Pneumonia	10/02/2017
Jiangxi	Nanchang	82	M	Under investigation	10/02/2017
Zhejiang	Lishui	61	M	Under investigation	10/02/2017
Jiangsu	Taizhou	46	M	Under investigation	10/02/2017
Jiangsu	Taizhou	64	M	Pneumonia	10/02/2017
Jiangsu	Taizhou	76	M	Pneumonia	10/02/2017
Guangdong	Yunfu	51	M	Under investigation	10/02/2017
Hubei	Wuhan	34	M	Under investigation	10/02/2017
Jiangsu	Huai'an	62	F	Under investigation	10/02/2017
Jiangsu	Huai'an	70	F	Under investigation	10/02/2017
Anhui	Xuancheng	43	F	Under investigation	10/02/2017
Zhejiang	Jinhua	69	F	Under investigation	10/02/2017
Anhui	Wuhu	65	M	Under investigation	10/02/2017
Guangdong	Jieyang	62	F	Under investigation	10/02/2017
Fujian	Fuzhou	67	M	Pneumonia	10/02/2017
Hubei	Huanggang	70	F	Mild	10/02/2017
Zhejiang	Hangzhou	38	M	Under investigation	10/02/2017
Zhejiang	Hangzhou	66	M	Under investigation	10/02/2017
Anhui	Tongling	53	M	Under investigation	10/02/2017
Zhejiang	Hangzhou	83	F	Under investigation	10/02/2017
Jiangxi	Shangrao	38	F	Pneumonia	10/02/2017
Hubei	Xianning	27	M	Under investigation	10/02/2017
Zhejiang	Jinhua	46	M	Under investigation	10/02/2017
Hubei	Wuhan	29	M	Under investigation	10/02/2017
Fujian	Putian	61	M	Under investigation	10/02/2017
Yunnan	Imported from Jiangxi	3.3	F	Fatal	10/02/2017
Henan	Nanyang	35	F	Mild	13/02/2017
Shanghai	Shanghai	58	M	-	13/02/2017
Beijing	Imported from Hebei	68	M	Critical	13/02/2017

Cumulative numbers of confirmed cases of human infection with avian Table 3. 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 (1160 cases in total) (as of February 13 2017)	Cumulative no. of cases since November 2016 (362 cases in total) (as of February 13, 2017)
	Zhejiang Province	284	65
	Guangdong Province	235	40
	Jiangsu Province	219	115
	Fujian Province	92	18
	Anhui Province	75	39
	Shanghai Municipality	56	5
	Hunan Province	55	21
	Jiangxi Province	36	22
	Hubei Province	12	10
	Shandong Province	12	3
Mainland	Beijing Municipality	10	1 <sup>&amp;</sup>
China	Xinjiang Uygur Autonomous Region	10	-
	Henan Province	8	4
	Guizhou Province	6	4
	Guangxi Zhuang Autonomous Region	4	1
	Hebei Province	4	-
	Sichuan Province	4	4
	Liaoning Province	3	2
	Jilin Province	2	-
	Tianjin Municipality	2	-
	Yunnan Province	1	1 <sup>@</sup>
	Hong Kong	20*	4
	Taiwan	5*	1
	Canada	2*	-
	Macao	2	2#
<del></del>	Malaysia	1*	-

The latest case imported from Hebei
Case imported from Jiangxi

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)	-	-	-	-	-	-

<sup>\*</sup> All cases imported from Mainland China \* The latest case imported from Mainland China

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 11, 2017)	Cumulative no. of cases since November 2016 (2 cases in total) (as of February 11, 2017)
	Guangdong	6	-
	Hunan	3	1
	Yunnan	2	-
Mainland	Anhui	1	-
China	Hubei	1	-
	Jiangxi	1*	-
	Sichuan	1	-
	Guangxi Zhuang Autonomous Region	1	1

<sup>\*</sup> 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)  $\S$ 

	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%

<sup>§</sup> 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 <sup>^</sup> (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

<sup>^</sup> 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
-	-	-	1	ı	ı	-

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):  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.  Vunnan 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):  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#	-

<sup>\*</sup> 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	2
H5N2	1
H5N5	2
H5N6	3
H5N8	20

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	
Sweden	Samples from poultry and birds in Ostergotlands Lan, Gotlands Lan, Skane Lan, Sodermanlands Lan and Stockholms Lan were tested positive for highly pathogenic avian influenza A (H5N8).	February 3 (2 reports) and February 12, 2017	
Greece	Samples from birds in Notio Aigaio were tested positive for highly pathogenic avian influenza A (H5N8).	February 6, 2017	
Nigeria	Samples from poultry in Kaduna, Bauchi, Plateau and Federal Capital Territory were tested positive for highly pathogenic avian influenza A (H5N1).	February 6 and February 13, 2017	
	Samples from poultry in Kano were tested positive for highly pathogenic avian influenza A (H5N8).	February 8, 2017	
Myanmar	Samples from poultry in Shan were tested positive for highly pathogenic avian influenza A (H5N6).	February 7, 2017	
Romania	Samples from birds in București were tested positive for highly pathogenic avian influenza A (H5N8).	February 7, 2017	
Poland	Samples from poultry and birds in Wielkopolskie, Dolnoslaskie, Podkarpackie, Warmińsko-Mazurskie, Mazowieckie, Kujawsko-Pomorskie and Lubuskie were tested positive for highly pathogenic avian influenza A (H5N8).	February 7, February 8 and February 9, 2017	
	Samples from birds in Dolnoslaskie were tested positive for highly pathogenic avian influenza A (H5N5).	February 8, 2017	
Czech Republic	Samples from poultry and birds in Stredocesky, Liberecky, Moravskoslezsky, Pardubicky, Jihocesky, Kralovehradecky and Karlovarsky were tested positive for highly pathogenic avian influenza A (H5N8).	February 8 and February 10, 2017	
Netherlands	Samples from birds in Noord-Holland were tested positive for highly pathogenic avian influenza A (H5N8).	February 8, 2017	
Mainland China	Samples from birds in Shanxi were tested positive for highly pathogenic avian influenza A (H5N8).	February 9, 2017	
	Samples from poultry in Schleswig-Holstein were tested positive for highly pathogenic avian influenza A (H5N5).	February 9, 2017	
Germany	Samples from poultry and birds in Sachsen, Bayern, Nordrhein-Westfalen, Thuringen, Brandenburg, Niedersachsen and Baden-Wurttemberg were tested positive for highly pathogenic avian influenza A (H5N8).	February 10, 2017	

Places of occurrence	Details	OIE Report Date	
Danmanla	Samples from birds in East Region were tested positive for	Eshmany 10, 2017	
Denmark	highly pathogenic avian influenza A (H5N8).	February 10, 2017	
Croatia	Samples from birds in Karlovacka were tested positive for	Eahmany 10, 2017	
Cioana	highly pathogenic avian influenza A (H5N8).	February 10, 2017	
	Samples from poultry in Landes and Pyrenees-Atlantiques		
	were tested positive for highly pathogenic avian influenza A	February 10, 2017	
France	(H5N2).		
France	Samples from poultry and birds in Ain, Landes,	February 10, 2017	
	Hautes-Pyrenees, Pyrenees-Atlantiques and Gers were tested	•	
	positive for highly pathogenic avian influenza A (H5N8).	(2 reports)	
Japan	Samples from poultry in Saga were tested positive for highly	February 10, 2017	
Japan	pathogenic avian influenza A (H5N6).	1 coluary 10, 2017	
Finland	Samples from birds in Lounais-Suomi were tested positive	February 10, 2017	
Tilliand	for highly pathogenic avian influenza A (H5N8).	1 eoluary 10, 2017	
Taiwan	Samples from poultry in Hualien were tested positive for	February 12, 2017	
Taiwan	highly pathogenic avian influenza A (H5N6).	1'eoruary 12, 2017	
	Samples from poultry in Mazandaran, Gilan, Esfahan and		
Iran	Razavi Khorasan were tested positive for highly pathogenic	February 13, 2017	
	avian influenza A (H5N8).		
Bosnia and	Samples from poultry in Prijedor were tested positive for	E-112 2017	
Herzegovina	highly pathogenic avian influenza A (H5).	February 13, 2017	

For cumulative reports of avian influenza A(H5) or other highly pathogenic avian influenza in poultry / wild birds, please refer to the  $\overline{OIE}$  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 13, 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 of virus	Date of last report
	Subtype of virus	Date of last report	Subtype of virus	(Subtype in this report)	· -	(Subtype in this report)
Algeria	-	-		-	H7	02/11/2016 (H7N1)
Austria	-	-	H5	11/11/2016 (H5N8)	H5	01/12/2016 (H5N8)
Bangladesh	<del>-</del>	-	H5	21/01/2017 (H5N1)	H5 H5	21/01/2017 (H5N1) 03/02/2017 (H5N8)
Belgium Bhutan	-	-	- H5	24/10/2016 (H5N1)		03/02/2017 (H3N8)
Bosnia and Herzegovina		_	H5	13/02/2017*	-	-
Bulgaria	-	-	H5	28/12/2016*	H5	22/12/2016*
Cambodia	-	-	Н5	31/01/2017 (H5N1)	-	-
Cameroon	-	-	H5	14/09/2016 (H5N1)	-	-
Cote D'Ivoire	-	-	H5	03/10/2016 (H5N1)	-	-
Croatia	-	-	Н5	16/01/2017 (H5N8)	H5	10/02/2017 (H5N8) 05/01/2017 (H5N5)
Czech Republic	-	-	H5	08/02/2017 (H5N8)	H5	10/02/2017 (H5N8)
Denmark	-	-	H5	21/11/2016 (H5N8)	H5	10/02/2017 (H5N8)
Egypt	-	-	Endemic	Endemic (H5N1) 12/01/2017 (H5N8)	H5	30/11/2016 (H5N8)
Finland	-	-	-	-	H5	10/02/2017 (H5N8)
France	-	-	H5	09/08/2016 (H5N2) 10/02/2017 (H5N8)	H5	10/02/2017 (H5N8)
Germany	-	-	Н5	10/02/2017 (H5N8) 09/02/2017 (H5N5)	Н5	10/02/2017 (H5N8) 24/01/2017 (H5N5)
Ghana	-	-	Н5	23/11/2016 (H5N1)	-	-
Greece	-	-	H5	27/01/2017 (H5N8)	Н5	06/02/2017 (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	-	-	Н5	12/01/2017 (H5N8) 27/01/2017 (H5N1)	Н5	19/01/2017 (H5N8) 27/12/2016 (H5N1)
Indonesia	-	-	Endemic	Endemic	_	
Iran	-	-	H5	13/02/2017 (H5N8)	H5	18/12/2016 (H5N8)
Ireland	-	-	-	-	H5	03/02/2017 (H5N8)
Israel	-	-	H5	23/01/2017 (H5N8)	H5	24/01/2017 (H5N8)
Italy	-	-	Н5	03/02/2017 (H5N8)	H5	13/01/2017 (H5N5) 24/01/2017 (H5N8)
Japan	-	-	H5	10/02/2017 (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	29/01/2017	-			_
Fujian	H7N9 H7N9	28/01/2017	-	-	<u> </u>	-
Gansu	-	-	H5	08/10/2016 (H5N6)	-	-
Guangdong	H7N9	31/01/2017	-	-	-	-
Guangxi	H5N6	28/01/2017	-			
Guizhou	H5N6	09/11/2016	Н5	31/08/2016 (H5N6)	<u> </u>	_
***	H7N9	20/01/2017		21/00/2010 (12/10)		
Hebei Henan	H7N9 H7N9	29/01/2017 <sup>70</sup> 13/02/2017	-	_	-	_
Hubei	H7N9 H7N9	01/02/2017	H5	08/10/2016 (H5N6)	H5	18/01/2017 (H5N8)
Hunan	H5N6	18/11/2016	Н5	12/01/2017 (H5N6)	-	-
	H7N9	26/01/2017	-			
Jiangsu	H7N9	29/01/2017	-	-	-	-
Jiangxi	H7N9	29/01/2017 <sup>®</sup>	-	-	-	-
Liaoning	H7N9 H7N9	21/01/2017 17/01/2017	-	-	-	-
Shandong	n/N9	1 //01/201 /	-	-	-	-

Country/ Area	Human cases		Poultry cases / en	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)	
Shanghai	H7N9	13/02/2017	-	-	-	-	
Shanxi	-	-	-	-	H5	09/02/2017 (H5N8)	
Sichuan	H7N9	09/02/2017	H5	28/12/2016 (H5N6)	-	-	
Xinjiang	-	-	H5	28/12/2016 (H5N6)	-	-	
Zhejiang	H7N9	30/01/2017	-	-	-	-	
Montenegro	-	-	-	-	H5	22/12/2016 (H5N5)	
Myanmar	-	-	H5	07/02/2017 (H5N6)	-	-	
Netherlands	-	-	H7 and H5	28/12/2016 (H5N8)	Н5	14/12/2016 (H5N5) 08/02/2017 (H5N8)	
Niger	-	-	H5	19/1/2017 (H5N1)	-	-	
Nigeria	-	-	H5	13/02/2017 (H5N1) 08/02/2017 (H5N8)	Н5	17/12/2016 (H5N8)	
Poland	-	-	Н5	09/02/2017 (H5N8)	Н5	08/02/2017 (H5N8) 08/02/2017 (H5N5)	
Portugal	-	-	-	-	H5	31/01/2017 (H5N8)	
Macedonia	-	-	H5	30/01/2017 (H5N8)	H5	03/02/2017*	
Romania	-	-	H5	01/02/2017 (H5N8)	H5	07/02/2017 (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	03/02/2017 (H5N8)	H5	12/02/2017 (H5N8)	
Switzerland	-	-	-	-	H5	11/01/2017 (H5N8)	
Taiwan	H7N9	05/02/2017^	Н5	06/02/2017 (H5N2) 09/01/2017 (H5N8) 12/02/2017 (H5N6)	Н5	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 \*case exported to Yunnan \*case exported to Beijing