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 67 new human cases of avian influenza A(H7N9) reported by Mainland China health authorities in Hubei (11 cases), Zhejiang (10 cases), Jiangsu (9 cases), Guangdong (7 cases), Anhui (6 cases), Hunan (6 cases), Fujian (5 cases), Jiangxi (5 cases), Shandong (2 cases), Sichuan (2 cases), Beijing (1 case), Guangxi (1 case), Guizhou (1 case) and Yunnan (1 case). Since March 2013 (as of February 20, 2017), there were a total of 1227 human cases of avian influenza A(H7N9) reported globally. Since November 2016 (as of February 20, 2017), 422 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 18, 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 (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	City / District / Area	Age (years)	Sex	Clinical condition at time of reporting	Date of report
Sichuan	Suining	59	M	Critical	14/02/2017
Sichuan	Deyang	48	F	Critical	14/02/2017
Jiangsu	Nanjing	54	M	Under investigation	16/02/2017
Hunan	Chenzhou	48	M	Under investigation	16/02/2017
Hunan	Yueyang	78	F	Severe pneumonia	16/02/2017
Fujian	Fuzhou	47	M	Severe pneumonia	16/02/2017
Jiangxi	Ganzhou	80	M	Fatal	16/02/2017
Anhui	Suzhou	78	M	Fatal	16/02/2017
Zhejiang	Hangzhou	70	F	Under investigation	16/02/2017
Zhejiang	Hangzhou	71	M	Under investigation	16/02/2017
Anhui	Fuyang	38	F	Under investigation	16/02/2017
Jiangxi	Shangrao	69	M	Under investigation	16/02/2017
Hunan	Yueyang	42	M	Severe pneumonia	16/02/2017
Hunan	Yueyang	75	M	Under investigation	16/02/2017
Jiangsu	Taizhou	60	M	Under investigation	16/02/2017
Guangdong	Shenzhen	81	M	Pneumonia	16/02/2017
Anhui	Wuhu	65	M	Under investigation	16/02/2017
Zhejiang	Ningbo	53	M	Fatal	16/02/2017
Zhejiang	Lishui	82	F	Fatal	16/02/2017
Hubei	Wuhan	64	F	Pneumonia	16/02/2017
Hubei	Wuhan	73	M	Severe pneumonia	16/02/2017
Zhejiang	Suzhou	40	M	Under investigation	16/02/2017
Hubei	Wuhan	72	M	Under investigation	16/02/2017
Guangdong	Zhongshan	76	M	Under investigation	16/02/2017
Hubei	Tianmen	69	M	Pneumonia	16/02/2017
Zhejiang	Lishui	78	M	Under investigation	16/02/2017

Province / Region / Municipality	City / District / Area	Age (years)	Sex	Clinical condition at time of reporting	Date of report
Jiangsu	Taizhou	82	F	Under investigation	16/02/2017
Hubei	Ezhou	26	F	Pneumonia	16/02/2017
Guangdong	Guangzhou	48	M	Severe pneumonia	16/02/2017
Jiangsu	Yancheng	44	M	Severe pneumonia	16/02/2017
Zhejiang	Taizhou	75	F	Under investigation	16/02/2017
Jiangxi	Nanchang	67	M	Pneumonia	16/02/2017
Anhui	Xuancheng	46	F	Under investigation	16/02/2017
Zhejiang	Quzhou	44	M	Under investigation	16/02/2017
Fujian	Fuzhou	56	M	Severe pneumonia	16/02/2017
Hubei	Wuhan	50	M	Under investigation	16/02/2017
Zhejiang	Lishui	62	F	Fatal	16/02/2017
Guangdong	Chaozhou	62	M	Severe pneumonia	16/02/2017
Jiangsu	Taizhou	33	M	Under investigation	16/02/2017
Guangdong	Heyuan	66	M	Severe pneumonia	16/02/2017
Fujian	Ningde	67	M	Pneumonia	16/02/2017
Fujian	Ningde	52	M	Pneumonia	16/02/2017
Hubei	Wuhan	59	M	Under investigation	16/02/2017
Hubei	Xiaogan	52	F	Under investigation	16/02/2017
Fujian	Fuzhou	82	F	Fatal	16/02/2017
Guangdong	Zhongshan	78	F	Fatal	16/02/2017
Jiangsu	Huai'an	62	M	Under investigation	16/02/2017
Zhejiang	Shaoxing	59	M	Under investigation	16/02/2017
Shandong	Linyi	48	M	Severe pneumonia	16/02/2017
Jiangxi	Nanchang	81	M	Under investigation	16/02/2017
Guangdong	Huizhou	58	M	Severe pneumonia	16/02/2017
Hubei	Wuhan	59	M	Under investigation	16/02/2017
Jiangsu	Nantong	85	F	Under investigation	16/02/2017
Hunan	Xiangtan	55	M	Severe pneumonia	16/02/2017
Anhui	Anqing	74	M	Pneumonia	16/02/2017
Anhui	Anqing	59	M	Pneumonia	16/02/2017
Jiangsu	Huai'an	54	F	Under investigation	16/02/2017
Yunnan	Imported from Jiangxi	22	F	Fatal	16/02/2017
Jiangxi	Ganzhou	52	F	Pneumonia	16/02/2017
Hubei	Xiaogan	44	M	Pneumonia	16/02/2017
Hunan	Chenzhou	71	M	Severe pneumonia	16/02/2017
Hubei	Xiaogan	66	M	Under investigation	16/02/2017
Jiangsu	Taizhou	68	F	Under investigation	16/02/2017
Beijing	Imported from	48	M	Serious	16/02/2017
Guangxi	Liaoning -	41	F	Fatal	20/02/2017
Shandong	Qingdao	48	F	Under investigation	20/02/2017
Guizhou	Qiandongnan Prefecture	45	1	Under investigation	20/02/2017
Guizhou	Prefecture	43	_	Under investigation	20/02/2017

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 (1227 cases in total) (as of February 20 2017)	Cumulative no. of cases since November 2016 (429 cases in total) (as of February 20, 2017)
	Zhejiang Province	294	75
	Guangdong Province	242	47
	Jiangsu Province	228	124
	Fujian Province	97	23
	Anhui Province	81	45
	Hunan Province	61	27
	Shanghai Municipality	56	5
	Jiangxi Province	41	27
	Hubei Province	23	21
	Shandong Province	14	5
Mainland	Beijing Municipality	11	2 ^{&}
China	Xinjiang Uygur Autonomous Region	10	-
	Henan Province	8	4
	Guizhou Province	7	5
	Sichuan Province	6	6
	Guangxi Zhuang Autonomous Region	5	2
	Hebei Province	4	-
	Liaoning Province	3	2
	Jilin Province	2	-
	Tianjin Municipality	2	-
	Yunnan Province	2	2 [@]
	Hong Kong	20*	4
	Taiwan	5*	1
	Canada	2*	
	Macao	2	2#
	Malaysia	1*	-

[&]amp; Cases imported from Hebei and Liaoning

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)	-	-	-	-	-	-

[®] Cases imported from Jiangxi

^{*} 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 18, 2017)	Cumulative no. of cases since November 2016 (2 cases in total) (as of February 18, 2017)
	Guangdong	6	-
	Hunan	3	1
	Yunnan	2	-
Mainland	Anhui	1	-
China	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) \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%

[§] 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
-	1	-	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 / environmental samples since 2014

	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	-
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
H5N1	2
H5N5	1
H5N6	1
H5N8	24

 ${\it Table~13.} \quad {\bf Outside~Hong~Kong:~Confirmed~avian~influenza~A(H5)~or~other~highly~pathogenic~avian~influenza~in~poultry~/~wild~birds~/~environmental~samples~reported~in~}$

this week – details of reports

Places of occurrence	Details	OIE Report Date	
	Samples from poultry and birds in Nitra, Trencin, Bratislava,	February 13,	
Slovakia	Zilina, Trnava and Banska Bystrica were tested positive for	February 16 and	
	highly pathogenic avian influenza A (H5N8).	February 17, 2017	
Cameroon	Samples from poultry and birds in Extreme-Nord were tested positive for highly pathogenic avian influenza A (H5N8).	February 14, 2017	
Poland	Samples from poultry and birds in Wielkopolskie, Dolnoslaskie, Slaskie, Kujawsko-Pomorskiego, Lubuskie and Opolskie were tested positive for highly pathogenic avian influenza A (H5N8).	February 14, February 15 and February 16, 2017	
Crack	Samples from birds in Liberecky were tested positive for highly pathogenic avian influenza A (H5N5).	February 15, 2017	
Czech Republic	Samples from poultry and birds in Jihocesky, Kralovehradecky, Pardubicky and Liberecky were tested positive for highly pathogenic avian influenza A (H5N8).	February 16 and February 17, 2017	
Croatia	Samples from poultry and birds in Vukovarsko-Srijemska and Koprivnicko-Krizevacka were tested positive for highly pathogenic avian influenza A (H5N8).	February 15, February 16 and February 17, 2017	
United	Samples from poultry and birds in England were tested	Feb., 15, 2017	
Kingdom	positive for highly pathogenic avian influenza A (H5N8).	February 15, 2017	
Greece	Samples from poultry and birds in Dytiki Makedonia, Peloponnisos and Anatoliki Makedonia Kai Thraki were tested positive for highly pathogenic avian influenza A (H5N8).	February 16, 2017 (2 reports)	
T4 - 1	Samples from poultry in Lombardia and Veneto were tested	February 16 and	
Italy	positive for highly pathogenic avian influenza A (H5N8).	February 17, 2017	
Israel	Samples from poultry and birds in Hamerkaz, Hazafon and Haifa were tested positive for highly pathogenic avian influenza A (H5N8).	February 16, 2017	
Romania	Samples from poultry and birds in Neamţ, Bacaul, Ialomiţa, Galaţi, Tulcea and Constanţa were tested positive for highly pathogenic avian influenza A (H5N8).	February 16, 2017	
Netherlands	Samples from birds in Zuid-Holland and Utrecht were tested positive for highly pathogenic avian influenza A (H5N8).	February 17, 2017	
Sweden	Samples from birds in Stockholms Lan were tested positive for highly pathogenic avian influenza A (H5N8).	February 17, 2017	
Ukraine	Samples from birds in Nikolayev were tested positive for highly pathogenic avian influenza A (H5N8).	February 17, 2017	

Places of occurrence	Details	OIE Report Date	
France	Samples from poultry and birds in Ain, Vosges, Pyrenees-Atlantiques, Gers, Landes and Hautes-Pyrenees were tested positive for highly pathogenic avian influenza A (H5N8).	February 17, 2017 (2 reports)	
	Samples from poultry in Gers and Tarn were tested positive for low pathogenic avian influenza A (H5N1).	February 17, 2017	
Vietnam	Samples from poultry in Bac Lieu were tested positive for high pathogenic avian influenza A (H5N1).	February 19, 2017	
	Samples from poultry in Quang Ngai were tested positive for high pathogenic avian influenza A (H5N6).	February 20, 2017	

For cumulative reports of avian influenza A(H5) or other highly pathogenic avian influenza in poultry / wild birds, please refer to the <u>OIE</u> 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 20, 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		-	-	(Subtype in this report)	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		_	-	21/01/2017 (1131(1)	H5	03/02/2017 (H5N8)
Bhutan		-	H5	24/10/2016 (H5N1)	-	03/02/2017 (113110)
Bosnia and Herzegovina		_	H5	13/02/2017*		_
Bulgaria Bulgaria		-	H5	28/12/2016*	H5	22/12/2016*
Cambodia		=	H5	31/01/2017 (H5N1)	-	22/12/2010
Cameroon		-	H5	14/09/2016 (H5N1)	Н5	14/02/2017 (H5N8)
Cote D'Ivoire	-	-	Н5	14/02/2017 (H5N8) 03/10/2016 (H5N1)	-	-
Croatia	-	-	Н5	16/02/2017 (H5N8)	Н5	17/02/2017 (H5N8) 05/01/2017 (H5N5)
Czech Republic		_	H5	16/02/2017 (H5N8)	Н5	17/02/2017 (H5N8)
Denmark	_	_	H5	21/11/2016 (H5N8)	H5	15/02/2017 (H5N5) 10/02/2017 (H5N8)
Egypt	-	-	Endemic	Endemic (H5N1) 12/01/2017 (H5N8)	H5	30/11/2016 (H5N8)
Finland	-	-		-	H5	10/02/2017 (H5N8)
France	-	-	Н5	09/08/2016 (H5N2) 17/02/2017 (H5N8)	Н5	17/02/2017 (H5N8)
Germany	-	-	Н5	10/02/2017 (H5N8) 09/02/2017 (H5N5)	Н5	10/02/2017 (H5N8) 24/01/2017 (H5N5)
Ghana	-	-	H5	23/11/2016 (H5N1)	-	-
Greece	-	-	H5	16/02/2017 (H5N8)	H5	16/02/2017 (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)	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	_	_	Н5	16/02/2017 (H5N8)	H5	16/02/2017 (H5N8))
Italy	-	-	H5	17/02/2017 (H5N8)	H5	13/01/2017 (H5N5) 24/01/2017 (H5N8)
Ionon			H5	10/02/2017 (H5N6)	H5	21/11/2016 (H5N6)
Japan Kanalasan	-	-		-		
Kazakhstan Korea	-	-	-	07/09/2016 (H5N8)	H5	20/01/2017*
	-	=	H5	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	04/02/2017	-	-	-	-
Fujian	H7N9	04/02/2017	-	-	-	-
Gansu		-	H5	08/10/2016 (H5N6)	-	-
Guangdong	H7N9	06/02/2017	-	-	-	-
Guangxi	H5N6 H7N9	08/11/2016 11/02/2017	-	-		
Guizhou	H5N6 H7N9	09/11/2016 20/02/2017	H5	31/08/2016 (H5N6)	-	-
Hebei	H7N9	01/02/2017%				1
Henan	H7N9	02/02/2017	-	_	-	-
Hubei	H7N9	08/02/2017	Н5	08/10/2016 (H5N6)	H5	18/01/2017 (H5N8)
Hunan	H5N6 H7N9	18/11/2016 03/02/2017	H5	12/01/2017 (H5N6)	-	-
Jiangsu	H7N9	05/02/2017	-	-	-	-
Jiangsu	11/11/	03/02/2017	<u> </u>			

Country/ Area	Hun	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)	
Jian		08/02/2017 [©]	-	-	-	-	
Liaor		31/01/2017%	-	-	-	-	
Shand		20/02/2017	-	-	-	-	
Shan		25/01/2017	-	-	-	-	
Sha	nxi -	-	-	-	H5	09/02/2017 (H5N8)	
Sich		09/02/2017	H5	28/12/2016 (H5N6)	-	-	
Xinji		-	H5	28/12/2016 (H5N6)	-	-	
Zheji	ang H7N9	05/02/2017	=	-	-	=	
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) 17/02/2017 (H5N8)	
Niger	-	_	H5	19/1/2017 (H5N1)	-	-	
Nigeria	-	-	Н5	13/02/2017 (H5N1) 08/02/2017 (H5N8)	Н5	17/12/2016 (H5N8)	
Poland	-	-	Н5	16/02/2017 (H5N8)	Н5	15/02/2017 (H5N8) 08/02/2017 (H5N5)	
Portugal	-	-	-	-	H5	31/01/2017 (H5N8)	
Macedonia	-	-	H5	30/01/2017 (H5N8)	H5	03/02/2017*	
Romania	-	-	H5	16/02/2017 (H5N8)	H5	16/02/2017 (H5N8)	
Russia	-	-	H5	26/01/2017*	H5	26/01/2017*	
Serbia	-	-	H5	16/12/2016 (H5N8)	H5	31/01/2017 (H5N8)	
Slovakia	-	-	H5	17/02/2017 (H5N8)	H5	16/02/2017 (H5N8)	
Slovenia	-	-	-	- ` '	H5	27/01/2017 (H5N8)	
Spain	-	-	-	-	H5	11/01/2017 (H5N8)	
Sweden	-	-	H5	03/02/2017 (H5N8)	H5	17/02/2017 (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)	<u>-</u>	-	
Tunisia	-	-	-	-	H5	01/12/2016 (H5N8)	
Uganda	-	-	H5	15/01/2017*	-	-	
Ukraine	-	-	H5	12/01/2017 (H5N8)	H5	17/02/2017 (H5N8)	
United Kingdom	-	-	H5	15/02/2017 (H5N8)	H5	15/02/2017 (H5N8)	
United States of America	-	-	-	-	H5	09/01/2017 (H5N2)	
Vietnam	-	-	H5	19/02/2017 (H5N1) 20/02/2017 (H5N6)	-	-	

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