

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 32 new human cases of avian influenza A(H7N9) reported by Mainland China health authorities in Anhui (5 cases), Guangdong (5 cases), Jiangsu (4 cases), Zhejiang (4 cases), Henan (3 cases), Hunan (2 cases), Jiangxi (2 cases), Sichuan (2 cases), Fujian (1 case), Guangxi (1 case), Guizhou (1 case), Hubei (1 case) and Shandong (1 case). Since March 2013 (as of February 27, 2017), there were a total of 1259 human cases of avian influenza A(H7N9) reported globally. Since November 2016 (as of February 27, 2017), 454 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 25, 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 February, 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
Sichuan	Guang'an	56	F	Fatal	22/02/2017
Sichuan	Guang'an	70	M	Severe pneumonia	22/02/2017
Guizhou	Qiandongnan	51	M	Severe pneumonia	23/02/2017
Jiangsu	Taizhou	66	M	Pneumonia	24/02/2017
Hunan	Chenzhou	74	M	Severe pneumonia	24/02/2017
Anhui	Wuhu	53	M	Fatal	24/02/2017
Zhejiang	Lishui	63	F	Pneumonia	24/02/2017
Hunan	Chenzhou	46	M	Severe pneumonia	24/02/2017
Anhui	Hefei	29	M	Severe pneumonia	24/02/2017
Fujian	Xiamen	4	F	Mild	24/02/2017
Guangdong	Huizhou	81	M	Fatal	24/02/2017
Zhejiang	Shaoxing	47	M	Severe pneumonia	24/02/2017
Guangdong	Imported from Hunan	66	M	Severe pneumonia	24/02/2017
Anhui	Hefei	62	F	Fatal	24/02/2017
Henan	Shangqiu	68	M	Severe pneumonia	24/02/2017
Guangdong	Huizhou	45	M	Severe pneumonia	24/02/2017
Jiangxi	Shangrao	56	F	Severe pneumonia	24/02/2017
Henan	Shangqiu	14	M	Severe pneumonia	24/02/2017
Jiangsu	Suzhou	58	M	Under investigation	24/02/2017
Guangdong	Guangzhou	60	F	Severe pneumonia	24/02/2017
Zhejiang	Ningbo	56	M	Under investigation	24/02/2017
Hubei	Xianning	73	F	Severe pneumonia	24/02/2017
Anhui	Hefei	58	M	Pneumonia	24/02/2017
Shandong	Zaozhuang	45	M	Severe pneumonia	24/02/2017
Jiangsu	Yancheng	38	M	Fatal	24/02/2017
Anhui	Wuhu	53	M	Under investigation	24/02/2017

Province / Region / Municipality	/ District / Area	Age (years)	Sex	Clinical condition at time of reporting	Date of report
Henan	Nanyang	30	M	Severe pneumonia	24/02/2017
Jiangsu	Suzhou	45	M	Pneumonia	24/02/2017
Zhejiang	Jinhua	78	M	Under investigation	24/02/2017
Jiangxi	Ganzhou	64	M	Severe pneumonia	24/02/2017
Guangdong	Shaoguan	39	M	Severe pneumonia	24/02/2017
Guangxi	Guilin	-	-	Fatal	27/02/2017

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 (1259 cases in total) (as of February 27, 2017)	Cumulative no. of cases since November 2016 (461 cases in total) (as of February 27, 2017)
Mainland China	Zhejiang Province	298	79
	Guangdong Province	247	52
	Jiangsu Province	232	128
	Fujian Province	98	24
	Anhui Province	86	50
	Hunan Province	63	29
	Shanghai Municipality	56	5
	Jiangxi Province	43	29
	Hubei Province	24	22
	Shandong Province	15	6
	Beijing Municipality	11	2 ^{&}
	Henan Province	11	7
	Xinjiang Uygur Autonomous Region	10	-
	Guizhou Province	8	6
	Sichuan Province	8	8
	Guangxi Zhuang Autonomous Region	6	3
	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 [*]	-

[&] Cases imported from Hebei and Liaoning

[@] Cases imported from Jiangxi

^{*} All cases imported from Mainland China

[#] The latest case imported from Mainland China

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 25, 2017)	Cumulative no. of cases since November 2016 (2 cases in total) (as of February 25, 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](http://www.who.int) 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](http://www.who.int) 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 / 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
H5	1
H5N1	7
H5N8	25
H7N9	1

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
Romania	Samples from poultry and birds in Giurgiu, Ilfov and Neamt were tested positive for highly pathogenic avian influenza A (H5N8).	February 17 and February 23, 2017
Mainland China	Samples from poultry in Guangdong Province were tested positive for highly pathogenic avian influenza A (H7N9).	February 18, 2017
Spain	Samples from poultry and birds in Cataluna were tested positive for highly pathogenic avian influenza A (H5N8).	February 20 and February 23, 2017
Bulgaria	Samples from poultry and birds in Plovdiv, Sofija, Montana, Kardzhali, Stara Zagora, Pazardzhik, Haskovo, Burgas, Vidin, Grad Sofija, Dobric, Varna and Jambol were tested positive for highly pathogenic avian influenza A (H5N8).	February 20 and February 24, 2017
Germany	Samples from poultry and birds in Bayern, Sachsen-Anhalt, Thuringen, Hessen, Brandenburg, Nordrhein-Westfalen, Baden-Wurttemberg, Mecklenburg-Vorpommern and Niedersachsen were tested positive for highly pathogenic avian influenza A (H5N8).	February 20, 2017
Vietnam	Samples from poultry in Soc Trang, Dong Nai, Nam Dinh and An Giang were tested positive for highly pathogenic avian influenza A (H5N1).	February 21 and February 23, 2017
Niger	Samples from poultry in Tillaberi were tested positive for highly pathogenic avian influenza A (H5N1).	February 21, 2017
Ireland	Samples from birds in Cork and Tipperary were tested positive for highly pathogenic avian influenza A (H5N8).	February 21, 2017 (2 Reports)
Poland	Samples from poultry and birds in Wielkopolskie, Podlaskie, Kujawsko-Pomorskiego, Malopolske, Lubuskie, Dolnoslaskie, Pomorskie and Mazowieckie were tested positive for highly pathogenic avian influenza A (H5N8).	February 21, February 23 and February 24, 2017
Nigeria	Samples from poultry in Kaduna, Plateau and Edo were tested positive for highly pathogenic avian influenza A (H5N1).	February 21, 2017 (2 Reports)
Belgium	Samples from birds in Vlaams-Brabant were tested positive for highly pathogenic avian influenza A (H5N8).	February 22, 2017
India	Samples from poultry in Orissa were tested positive for highly pathogenic avian influenza A (H5N1).	February 22, 2017

Places of occurrence	Details	OIE Report Date
Egypt	Samples from poultry in Al Buhayrah, Ash Sharqiyah and Al Qahirah were tested positive for highly pathogenic avian influenza A (H5N8).	February 22, 2017
Italy	Samples from poultry and birds in Veneto and Lombardia were tested positive for highly pathogenic avian influenza A (H5N8).	February 24, 2017 (2 Reports)
Slovakia	Samples from birds in Bratislava were tested positive for highly pathogenic avian influenza A (H5N8).	February 24, 2017
Croatia	Samples from birds in Sisak-Moslavina were tested positive for highly pathogenic avian influenza A (H5N8).	February 24, 2017
Hungary	Samples from poultry in Bacs-Kiskun, Csongrad, Jasz-Nagykun-Szolnok, Bekes, Hajdu-Bihar, Győr-Moson-Sopron, Veszprem and Somogy were tested positive for highly pathogenic avian influenza A (H5N8).	February 24, 2017
United Kingdom	Samples from poultry in England were tested positive for highly pathogenic avian influenza A (H5N8).	February 24, 2017
France	Samples from poultry and birds in Vosges, Ain, Pyrenees-Atlantiques, Lot-et-Garonne , Gers and Landes were tested positive for highly pathogenic avian influenza A (H5N8).	February 24, 2017 (2 Reports)
Nepal	Samples from poultry in Gandaki were tested positive for highly pathogenic avian influenza A (H5N1).	February 25, 2017
Lithuania	Samples from birds in Kaunas were tested positive for highly pathogenic avian influenza A (H5N8).	February 27, 2017
Russia	Samples from birds in Kaliningradskaya Oblast were tested positive for highly pathogenic avian influenza A (H5).	February 27, 2017
Czech Republic	Samples from poultry and birds in Vysocina, Moravskoslezsky, Plzensky, Jihocesky, Kralovehradecky and Karlovarsky were tested positive for highly pathogenic avian influenza A (H5N8).	February 27, 2017 (2 Reports)

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 human infection with avian influenza A (H7N9) or highly pathogenic avian influenza (including infections in humans/birds and relevant environmental samples) in the recent 6 months (as of February 27, 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	22/02/2017 (H5N8)
Bhutan	-	-	H5	24/10/2016 (H5N1)	-	-
Bosnia and Herzegovina	-	-	H5	13/02/2017*	-	-
Bulgaria	-	-	H5	24/02/2017 (H5N8)	H5	20/02/2017*
Cambodia	-	-	H5	31/01/2017 (H5N1)	-	-
Cameroon	-	-	H5	14/09/2016 (H5N1) 14/02/2017 (H5N8)	H5	14/02/2017 (H5N8)
Cote D'Ivoire	-	-	H5	03/10/2016 (H5N1)	-	-
Croatia	-	-	H5	16/02/2017 (H5N8)	H5	24/02/2017 (H5N8) 05/01/2017 (H5N5)
Czech Republic	-	-	H5	27/02/2017 (H5N8)	H5	27/02/2017 (H5N8) 15/02/2017 (H5N5)
Denmark	-	-	H5	21/11/2016 (H5N8)	H5	10/02/2017 (H5N8)
Egypt	-	-	Endemic	Endemic (H5N1) 22/02/2017 (H5N8)	H5	30/11/2016 (H5N8)
Finland	-	-	-	-	H5	10/02/2017 (H5N8)
France	-	-	H5	09/08/2016 (H5N2) 24/02/2017 (H5N8)	H5	24/02/2017 (H5N8)
Germany	-	-	H5	20/02/2017 (H5N8) 09/02/2017 (H5N5)	H5	20/02/2017 (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	24/02/2017 (H5N8)	H5	04/11/2016 (H5N8)
India	-	-	H5	12/01/2017 (H5N8) 22/02/2017 (H5N1)	H5	19/01/2017 (H5N8) 27/12/2016 (H5N1)
Indonesia	-	-	Endemic	Endemic	-	-
Iran	-	-	H5	13/02/2017 (H5N8)	H5	18/12/2016 (H5N8)
Ireland	-	-	-	-	H5	21/02/2017 (H5N8)
Israel	-	-	H5	16/02/2017 (H5N8)	H5	16/02/2017 (H5N8)
Italy	-	-	H5	24/02/2017 (H5N8)	H5	13/01/2017 (H5N5) 24/02/2017 (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)	-	-
Lithuania	-	-	-	-	H5	27/02/2017 (H5N8)
Macau	H7N9	12/01/2017 [#]	H7	13/12/2016 (H7N9)	-	-
Mainland China						
	Anhui	H7N9	17/02/2017	-	-	-
	Fujian	H7N9	12/02/2017	-	-	-
	Gansu	-	-	H5	08/10/2016 (H5N6)	-
	Guangdong	H7N9	15/02/2017	H7	18/02/2017 (H7N9)	-
	Guangxi	H5N6	08/11/2016	-	-	-
		H7N9	27/02/2017	-	-	-
	Guizhou	H5N6	09/11/2016	H5	31/08/2016 (H5N6)	-
		H7N9	15/02/2017	-	-	-
	Hebei	H7N9	01/02/2017 ^{ns}	-	-	-
	Henan	H7N9	14/02/2017	-	-	-
	Hubei	H7N9	16/02/2017	H5	08/10/2016 (H5N6)	18/01/2017 (H5N8)

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)
Hunan	H5N6 H7N9	18/11/2016 08/02/2017	H5	12/01/2017 (H5N6)	-	-
Jiangsu	H7N9	15/02/2017	-	-	-	-
Jiangxi	H7N9	11/02/2017	-	-	-	-
Liaoning	H7N9	01/02/2017 [#]	-	-	-	-
Shandong	H7N9	15/02/2017	-	-	-	-
Shanghai	H7N9	25/01/2017	-	-	-	-
Shanxi	-	-	-	-	H5	09/02/2017 (H5N8)
Sichuan	H7N9	13/02/2017	H5	28/12/2016 (H5N6)	-	-
Xinjiang	-	-	H5	28/12/2016 (H5N6)	-	-
Zhejiang	H7N9	05/02/2017	-	-	-	-
Montenegro	-	-	-	-	H5	22/12/2016 (H5N5)
Myanmar	-	-	H5	07/02/2017 (H5N6)	-	-
Nepal	-	-	H5	25/02/2017 (H5N1)	-	-
Netherlands	-	-	H5	28/12/2016 (H5N8)	H5	14/12/2016 (H5N5) 17/02/2017 (H5N8)
Niger	-	-	H5	21/02/2017 (H5N1)	-	-
Nigeria	-	-	H5	21/02/2017 (H5N1) 08/02/2017 (H5N8)	H5	17/12/2016 (H5N8)
Poland	-	-	H5	24/02/2017 (H5N8)	H5	23/02/2017 (H5N8) 08/02/2017 (H5N5)
Portugal	-	-	-	-	H5	31/01/2017 (H5N8)
Macedonia	-	-	H5	30/01/2017 (H5N8)	H5	03/02/2017*
Romania	-	-	H5	17/02/2017 (H5N8)	H5	23/02/2017 (H5N8)
Russia	-	-	H5	26/01/2017*	H5	27/02/2017*
Serbia	-	-	H5	16/12/2016 (H5N8)	H5	31/01/2017 (H5N8)
Slovakia	-	-	H5	17/02/2017 (H5N8)	H5	24/02/2017 (H5N8)
Slovenia	-	-	-	-	H5	27/01/2017 (H5N8)
Spain	-	-	H5	23/02/2017 (H5N8)	H5	20/02/2017 (H5N8)
Sweden	-	-	H5	03/02/2017 (H5N8)	H5	17/02/2017 (H5N8)
Switzerland	-	-	-	-	H5	11/01/2017 (H5N8)
Taiwan	H7N9	05/02/2017 [^]	H5	06/02/2017 (H5N2) 09/01/2017 (H5N8) 12/02/2017 (H5N6)	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	17/02/2017 (H5N8)
United Kingdom	-	-	H5	24/02/2017 (H5N8)	H5	15/02/2017 (H5N8)
United States of America	-	-	-	-	H5	09/01/2017 (H5N2)
Vietnam	-	-	H5	23/02/2017 (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 Beijing