

Follow-up report No.5

Report reference: , Reference OIE : 22759, Report Date : 13/02/2017, Country : Iran

Report Summary

Name of sender of the report	Dr Mehdi Khalaj	Telephone	+9821 8898 7391
Position	Head of IVO	Fax	+9821 88962392
Address	P.O. Box : 14155 6349, Tehran Tehran 1431683765	Email	ivohead@ivo.ir
		Date submitted to OIE	13/02/2017

Animal type	Terrestrial	Date of report	13/02/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	14/11/2016
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	19/11/2016
Serotype(s)	H5N8	Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Reason	New strain of a listed disease in the country	Clinical signs	Yes
Country or zone	the whole country		
Number of reported outbreaks	submitted= 30, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
TEHRAN-other report - submitted	-	Malard	Amirabad Tavanbakhshi	Farm	Tohid Farm	35.66116	50.79638	14/11/2016	19/11/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	50621	13355	4455	46166	0			
Affected Population	Commercial layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
TEHRAN-other report - submitted	-	Malard	Akhtarabad	Farm	Fatem2 Farm	35.60756	50.6954	14/11/2016	19/11/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	232840	47510	1128	231712	0			
Affected Population	Commercial layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
TEHRAN-other report - submitted	-	Malard	Amirabad Tavanbakhshi	Farm	Sad-o-dah Farm	35.66552	50.79663	22/11/2016	25/11/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	26873	13436	1401	25472	0			
Affected Population	Commercial layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
TEHRAN-other report - submitted	-	Malard	Amirabad Tavanbakhshi	Farm	Toyurparvaran Eram	35.66856	50.79544	28/11/2016	01/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	218987	32030	398	218589	0			
Affected Population	commercial layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
TEHRAN-other report - submitted	-	Karaj	Mahdasht	Farm	Damanabi Farm	35.71038	50.80541	28/11/2016	01/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	30995	9000	750	30245	0			
Affected Population	commercial layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
QOM-other report - submitted	-	Qom	Mahtab	Farm	Yusefi Farm	34.8564	50.8555	03/12/2016	06/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	119579	50000	75	119504	0			
Affected Population	commercial layer								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
EAST AZARBAYEJAN-other report - submitted	-	Tabriz	Khosroshahr	Farm	Simorghetokhmtala Farm	38.0435	46.532	06/12/2016	09/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	53000	18000	463	52537	0			
Affected Population	commercial layer								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MARKAZI-other report - submitted	-	Arak	Arak	Not applicable	Mighan wetland	34.1022	49.4927	06/12/2016	09/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Bean Goose:Anatidae(Anser fabalis)	Animals	...	37	37	0	0			
Greater Flamingo:Phoenicopteridae(Phoenicopterus roseus)	Animals	...	1	1	0	0			
Laridae (unidentified):Laridae(Laridae (incognita))	Animals	...	1	1	0	0			
Ardeidae (unidentified):Ardeidae(Ardeidae (incognita))	Animals	...	1	1	0	0			
Gruidae (unidentified):Gruidae(Gruidae (incognita))	Animals	...	3	3	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MAZANDARAN-other report - submitted	-	Behshahr	Amir Ababd	Natural park	Miankale wetlan	36.8753	53.5456	07/12/2016	10/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Little Grebe:Podicipedidae(Tachybaptus ruficollis)	Animals	...	1	1	0	0			
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	1	1	0	0			
Phoenicopteridae (unidentified):Phoenicopteridae(Phoenicopteridae (incognita))	Animals	...	2	2	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MARKAZI-other report - submitted	-	Arak	Arak	Village	Rahzan	34.18595	49.7783	18/12/2016	21/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	900	110	51	849	0			
Affected Population	Backyard poultry(chicken)								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
QAZVIN-other report - submitted	-	Booinzahra	Booinzahra	Village	Ghadimabad	36.1824	49.97425	19/12/2016	21/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	192	35	10	182	0			
Affected Population	Backyard poultry(chicken)								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KERMANSHAH-other report - submitted	-	Kermanshah	Kermanshah	Village	Poshtev	34.25399	47.022	19/12/2016	22/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	80	52	31	49	0			
Affected Population	Backyard poultry (chicken)								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GOLESTAN-other report - submitted	-	Kordkuy	Kordkuy	Farm	Gorganshahr	36.82299	54.252199	23/12/2016	26/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	161295	45780	2927	158368	0			
Affected Population	commercial layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GILAN-other report - submitted	-	Some sara	Some sara	Village	Espan	37.40016	49.31065	25/12/2016	28/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	7055	75	50	7005	0			
Affected Population	Backyard poultry (chicken, ducks)								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MAZANDARAN- (this report - submitted)	-	Fereidoonkenar	Fereidoonkenar	Village	Kardgarmahalleh	36.63787	52.4997	06/01/2017	08/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	800	520	400	400	0			
Affected Population	backyard ducks								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MAZANDARAN- (this report - submitted)	-	Savadkooh	Savadkooh	Village	Jamshidabad	36.19425	52.926379	07/01/2017	09/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	480	115	44	436	0			
Affected Population	Backyard ducks, geese, chicken and turkey								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
----------	---------------------	----------	--------------	-----------	----------	----------	-----------	------------	-----------

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GILAN- (this report - submitted)	-	Some sara	Some sara	Village	Mangoodeh	37.33747	49.56726	09/01/2017	11/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1385	120	25	1360	0			
Affected Population	Backyard chicken, duck and turkey								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GILAN- (this report - submitted)	-	Some sara	Some sara	Village	Fashkham	37.28558	49.32907	09/01/2017	11/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	852	71	15	837	0			
Affected Population	Backyard chicken, duck and turkey								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GILAN- (this report - submitted)	-	Anzali	Anzali	Natural park	Mianposhteh	37.456446	49.475598	09/01/2017	09/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Whooper Swan:Anatidae(Cygnus cygnus)	Animals	...	2	2	0	0			
Affected Population	wild swans in wetland								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MAZANDARAN- (this report - submitted)	-	Mahmoodabad	Mahmoodabad	Natural park	Vozaramahalle	36.67363	52.46304	11/01/2017	11/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Whooper Swan:Anatidae(Cygnus cygnus)	Animals	...	27	27	0	0			
Affected Population	wild swans in wetland								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MAZANDARAN- (this report - submitted)	-	Babolsar	Babolsar	Village	Balakasgarmahalle	36.626829	52.654945	12/01/2017	12/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	111	50	16	95	0			
Affected Population	ostrich								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ESFAHAN- (this report - submitted)	-	Najafabad	Najafabad	Farm	Jalali Farm	32.669165	51.278472	15/01/2017	16/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	4795	1100	715	4080	0			
Affected Population	Turkey Commercial farm								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
RAZAVI KHORASAN- (this report - submitted)	-	Neishabour	Neishabour	Farm	Harimabad	36.1108	59.1146	20/01/2017	21/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1920	...	0	1920	0			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Affected Population	partridge commercial farm								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
GILAN- (this report - submitted)	-	Fuman	Fuman	Farm	Supertoyure Farm	37.12799	49.30906	20/01/2017	22/01/2017
Birds	Animals	73242	20100	13000	60242	0			
Affected Population	layer breeder farm								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
RAZAVI KHORASAN- (this report - submitted)	-	Golmakan	Golmakan	Farm	Toos Farm	36.5248	59.2155	22/01/2017	23/01/2017
Birds	Animals	58700	3250	1000	57700	0			
Affected Population	Broiler breeder farm								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
RAZAVI KHORASAN- (this report - submitted)	-	Neishabour	Neishabour	Farm	Milani Farm	36.582	59.2681	23/01/2017	24/01/2017
Birds	Animals	53651	11000	5000	48651	0			
Affected Population	Commercial layer farm								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
ESFAHAN- (this report - submitted)	-	Najafabad	Najafabad	Village	Hemmatabad	32.66674	51.26255	23/01/2017	25/01/2017
Birds	Animals	1004	...	0	1004	0			
Affected Population	backyard chicken								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
MAZANDARAN- (this report - submitted)	-	Amol	Amol	Farm	Baran jooje Farm	36.58872	52.46211	25/01/2017	26/01/2017
Birds	Animals	29503	6000	83	29420	0			
Affected Population	Broiler breeder farm								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
ESFAHAN- (this report - submitted)	-	Falavarjan	Falavarjan	Natural park	Minadasht	32.292798	51.26323	29/01/2017	29/01/2017
Hooded Crow:Corvidae(Corvus cornix)	Animals	...	10	10	0	0			
Affected Population	Hooded crows in wetland								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
ESFAHAN- (this report - submitted)	-	Lenjan	Lenjan	Natural park	Noor lake	32.392152	51.310973	30/01/2017	30/01/2017

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Hooded Crow:Corvidae(Corvus cornix)	Animals	...	1	1	0	0			
Affected Population	Hooded crow								

Outbreak summary: Total outbreaks = 30 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	1128860	271709	32037	1096823	0
Bean Goose		37	37	0	0
Greater Flamingo		1	1	0	0
Laridae (unidentified)		1	1	0	0
Ardeidae (unidentified)		1	1	0	0
Gruidae (unidentified)		3	3	0	0
Little Grebe		1	1	0	0
Tufted Duck		1	1	0	0
Phoenicopteridae (unidentified)		2	2	0	0
Whooper Swan		29	29	0	0
Hooded Crow		11	11	0	0

Epidemiology

Epidemiological comments

- 1- The event was reported according to the Iran Passive Surveillance in place.
- 2- A post-outbreak investigation to trace the source of infection is ongoing to detect the probable spread and circulation of this subtype.
- 3- Active surveillance is ongoing.
- 4- To reduce the poultry population at risk, 1,862,150 birds at farms in a three-kilometers radius around the affected farms or villages have been slaughtered after confirming to be negative for HPAI.

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • screening • disinfection / disinfestation • quarantine • stamping out • official disposal of carcasses, by-products and waste • surveillance within containment and/or protection zone • control of wildlife reservoirs • zoning 	<ul style="list-style-type: none"> • surveillance outside containment and/or protection zone
Animals treated	Vaccination Prohibited
No	Yes

Future Reporting

The event is continuing. Weekly follow-up reports will be submitted.

Outbreak maps

