

## Follow-up report No.4

Report reference: , Reference OIE : 22160, Report Date : 07/01/2017, Country : Iran

### Report Summary

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		<b>Date submitted to OIE</b>	09/01/2017

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	07/01/2017
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	14/11/2016
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	19/11/2016
<b>Serotype(s)</b>	H5N8	<b>Diagnosis</b>	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
<b>Reason</b>	New strain of a listed disease in the country	<b>Clinical signs</b>	Yes
<b>Country or zone</b>	the whole country		
<b>Number of reported outbreaks</b>	submitted= 14, 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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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(Phoenicopiterus 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- (this 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- (this 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- (this 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- (this 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- (this 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)								

#### Outbreak summary: Total outbreaks = 14 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	902417	229383	11739	890678	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

#### Epidemiology

##### Epidemiological comments

<b>Epidemiological comments</b>	
<b>Source of the outbreak(s) or origin of infection</b>	
<ul style="list-style-type: none"> <li>• Unknown or inconclusive</li> </ul> <p>1 - These new outbreaks were detected under the ongoing avian influenza surveillance program.  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 at risk poultry population, 1,862,150 birds at farms in a 3 km radius around the affected farms or villages have been slaughtered after confirming to be negative for HPAI.</p>	
<b>Source of the outbreak(s) or origin of infection</b>	
<ul style="list-style-type: none"> <li>• Unknown or inconclusive</li> </ul>	
<b>Measures applied</b>	
<b>Applied</b>	<b>To be applied</b>
<ul style="list-style-type: none"> <li>• control of wildlife reservoirs</li> <li>• stamping out</li> <li>• quarantine</li> <li>• screening</li> <li>• zoning</li> <li>• disinfection / disinfestation</li> <li>• official disposal of carcasses, by-products and waste</li> <li>• surveillance within containment and/or protection zone</li> </ul>	<ul style="list-style-type: none"> <li>• surveillance outside containment and/or protection zone</li> </ul>
<b>Animals treated</b>	<b>Vaccination Prohibited</b>
No	Yes
<b>Future Reporting</b>	
<b>The event is continuing. Weekly follow-up reports will be submitted.</b>	

## Outbreak maps

