

## Follow-up report No.6 (Final report)

Report reference: , Reference OIE : 29449, Report Date : 05/02/2019, Country : Iran

### Report Summary

<b>Name of sender of the report</b>	Dr Akbarshahi	<b>Telephone</b>	+982188953400
<b>Position</b>		<b>Fax</b>	+982188902712
<b>Address</b>	Iran Veterinary Organization(IVO)	<b>Email</b>	a-akbarshahi@ivo.ir
	S.J. Asadabadi St , Valiasr Ave, Tehran- Iran P.O Box 14155-6349 Tehran	<b>Date submitted to OIE</b>	05/02/2019

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	05/02/2019
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	24/12/2018
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	24/12/2018
<b>Serotype(s)</b>	H5N8	<b>Date of last occurrence</b>	30/01/2017
<b>Reason</b>	Recurrence of a listed disease	<b>Diagnosis</b>	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
<b>Country or zone</b>	a zone or compartment	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 7, Draft= 0		

### Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Mazandaran-other report - submitted	-			Village	Bala Langor	36.60364	52.74197	24/12/2018	25/12/2018
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>			
Birds	Animals	1400	1000	400	1000	0			
Affected Population	Duck								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Mazandaran-other report - submitted	-			Farm	Nor joje	36.4979	52.1864	25/12/2018	27/12/2018
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>			
Birds	Animals	35660	35260	394	35266	0			
Affected Population	Broiler breeders								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Qom-other report - submitted	-			Backyard	Ali Khedri	34.64565	50.82184	02/01/2019	03/01/2019
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>			
Birds	Animals	12138	12138	8000	4138	0			
Affected Population	Backyard poultry								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
West Azarbayejan-other report - submitted	-			Village	Haj Hassan Khalese	37.066087	45.9545281	15/01/2019	17/01/2019
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>			
Birds	Animals	1046	1046	154	892	0			
Affected Population	Backyard poultry								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Zanjan-other report - submitted	-			Backyard	Bala shenat	36.19326	49.25563	22/01/2019	23/01/2019
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>			
Birds	Animals	823	823	25	798	0			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Affected Population	Backyard poultry								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Gilan- (this report - submitted)	-			Backyard	Ishliki	37.28754	49.90987	25/01/2019	27/01/2019
Birds	Animals	315	315	24	291	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
West Azarbayejan- (this report - submitted)	-			Backyard	Hasel Ghopi Afshar	37.02722	45.96961	26/01/2019	28/01/2019
Birds	Animals	190	190	7	183	0			
Affected Population									

### Outbreak summary: Total outbreaks = 7 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Birds	51572	50772	9004	42568	0

### Epidemiology

#### Epidemiological comments

Based on Iran's HPAI control strategy, four different steps of HPAI operational control program (1- report/ detect, 2- confirmation, 3- extinction, 4- closure) are ongoing. The main objective of our National Program is to close the HPAI outbreaks; through trace-back and trace-forward investigation, these new outbreaks were reported and closed successfully.

#### Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

### Measures applied

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

### Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
Local laboratory	Provincial Veterinary Laboratory of West Azarbayejan	Birds	real-time PCR	26/01/2019	Positive
National laboratory	Central Veterinary Laboratory of Iran Veterinary Organization	Birds	real-time PCR	31/01/2019	Positive
Local laboratory	Provincial Veterinary Laboratory of Gillan	Birds	real-time PCR	25/01/2019	Positive
National laboratory	Central Veterinary Laboratory of Iran Veterinary Organization	Birds	real-time PCR	25/01/2019	Positive

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Provincial Veterinary Laboratory of Qazvin	Birds	real-time PCR	22/01/2019	Positive

### Future Reporting

The report and all its outbreaks have been resolved.

## Outbreak maps

