

Follow-up report No.8

Report reference: , Reference OIE : 27297, Report Date : 22/07/2018, Country : Saudi Arabia

Report Summary

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		Date submitted to OIE	24/07/2018

Animal type	Terrestrial	Date of report	22/07/2018
Disease	Highly pathogenic avian influenza	Date of start of the event	19/12/2017
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	20/12/2017
Serotype(s)	H5N8	Date of last occurrence	29/01/2008
Reason	Recurrence of a listed disease	Diagnosis	Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 33, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Riyadh		Other	Riyadh	24.593984	46.74401	19/12/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	60040	14	14	60026	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Riyadh		Backyard	Riyadh	24.460908	46.27446	21/12/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	5140	1673	1176	3964	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	AL Kharj		Backyard	AL Kharj	24.148491	47.309598	21/12/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	126	30	25	101	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	AL Mazahmyia		Backyard	AL Mazahmyia	24.460908	46.27446	21/12/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	3540	150	150	3390	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ash Sharqiyah-other report - submitted	-	Al Khobar		Backyard	Al Khobar	26.1985338	50.0238838	22/12/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	9	9	9	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Al Aziziyah		Farm	Al Aziziyah	24.5859132	46.7380707	24/12/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	511000	76199	76199	434801	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ash Sharqiyah-other report - submitted	-	Al Ahsa		Backyard	Al Ahsa	25.3057092	49.5432729	26/12/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	4352	2273	2273	2079	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Dhurma		Farm	Dhurma	24.617261	46.0854977	26/12/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	245000	1800	1800	243200	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	AL Kharj		Farm	AL Kharj	24.1561666	47.1710432	28/12/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	340000	25000	25000	315000	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Riyadh		Farm	Riyadh	24.7241503	46.2620343	29/12/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	60000	600	600	59400	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Al Muzahimiyah		Farm	Al Muzahimiyah	24.4646576	46.1972064	31/12/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	200000	12000	3000	197000	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Makkah-other report - submitted	-	Jeddah		Backyard	Jeddah	21.6484	39.09	01/01/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	6426	1	1	6425	0			
Affected Population									

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:
Ar Riyad-other report - submitted	-	Dhurma		Farm	Dhurma	24.49875	46.396525	06/01/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	93000	30000	30000	63000	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Thadiq		Farm	Thadiq	25.431749	45.817622	06/01/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	64300	1200	1200	63100	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ash Sharqiyah-other report - submitted	-	Al Qatif		Backyard	Al Qatif	22.557295	49.988343	11/01/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	245	95	95	150	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Al Quwaiiyah		Backyard	Al Quwaiiyah	24.077871	45.30852	18/01/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	300	200	200	100	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Al Muzahimiyah		Backyard	Al Muzahimiyah	24.465908	46.276177	22/01/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	400	100	100	300	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Al Kharj		Farm	Al Kharj	24.13433	47.09348	04/02/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	150000	500	500	149500	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Al Kharj		Farm	Al Kharj	24.503894	47.23225	15/02/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	57000	1800	1800	55200	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Al Kharj		Farm	Al Kharj	24.20083	47.219879	15/02/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	24510	1000	1000	23510	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Al Kharj		Farm	Al Kharj	24.38202	47.24197	15/02/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	65000	3000	3000	62000	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Al Kharj		Farm	Al Kharj	24.302474	47.235735	16/02/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	44000	200	200	43800	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Alkharj		Farm	Alkharj	24.503894	47.23225	20/02/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	85550	1200	1200	84350	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Thadiq		Farm	Thadiq	25.378835	46.178477	21/02/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	135000	5000	750	134250	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Alkharj		Farm	Alkharj	24.204417	47.398985	24/02/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	1136980	1011	1011	1135969	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Alkharj		Farm	Alkharj	24.350368	47.63982	25/02/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	659411	2144	2144	657267	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Zulfi		Farm	Zulfi	26.94865	44.867388	07/03/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	143000	3000	3000	140000	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	ALkharj		Farm	ALkharj	24.29928	47.63982	30/03/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	507790	231	231	507559	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	ALkharj		Farm	ALkharj	24.377268	47.550238	30/03/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	355000	3000	3000	352000	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	ALkharj		Farm	ALkharj	24.083256	47.339437	09/04/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	99850	200	200	99650	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	Aldalem		Farm	Aldalem	23.804123	47.193726	11/04/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	182390	90000	1200	181190	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad-other report - submitted	-	ALkharj		Farm	ALkharj	24.196053	47.529111	14/04/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	300000	700	700	299300	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Ar Riyad- (this report - submitted)	-	Riyadh	Riyadh	Livestock market	Alazizia live bird market	24.588034	46.742715	17/07/2018	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	14675	1	0	14675	0			
Affected Population									

Outbreak summary: Total outbreaks = 33 (Submitted)

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Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Birds	5554034	264331	161778	5392256	0

Epidemiology

Epidemiological comments

On 17th of July, active surveillance was conducted in the Alazizia bird market. Tracheal and cloacal samples were randomly collected. Out of 20 ducks tested only one bird was positive to real-time PCR test. All the susceptible and diseased birds were killed, the market was closed and all control measures were applied.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

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

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Riyadh Veterinary Diagnostic Laboratory	Birds	real-time PCR	19/07/2018	Positive

Future Reporting

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

Outbreak maps

