

### Follow-up report No.4

Report reference: , Reference OIE : 26033, Report Date : 01/03/2018, Country : Saudi Arabia

#### Report Summary

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		<b>Date submitted to OIE</b>	01/03/2018

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	01/03/2018
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	19/12/2017
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	20/12/2017
<b>Serotype(s)</b>	H5N8	<b>Date of last occurrence</b>	29/01/2008
<b>Reason</b>	Recurrence of a listed disease	<b>Diagnosis</b>	Laboratory (advanced)
<b>Country or zone</b>	a zone or compartment	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 22, 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	
<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	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	
<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	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	
<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	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	
<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	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	
<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	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:
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:
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	-	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- (this 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- (this 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- (this 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- (this 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- (this 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- (this 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- (this 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									

#### Outbreak summary: Total outbreaks = 22 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Birds	1934388	157844	148342	1786046	0

#### Epidemiology

##### Epidemiological comments

##### 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>• no current control measures</li> </ul>	<ul style="list-style-type: none"> <li>• movement control inside the country</li> <li>• surveillance outside containment and/or protection zone</li> <li>• surveillance within containment and/or protection zone</li> <li>• traceability</li> <li>• quarantine</li> <li>• official disposal of carcasses, by-products and waste</li> <li>• stamping out</li> <li>• disinfection</li> </ul>
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	23/02/2018	Positive

#### Future Reporting

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

## Outbreak maps

