

## Follow-up report No.18 (Final report)

Report reference: , Reference OIE : 15178, Report Date : 29/04/2014, Country : Vietnam

### Report Summary

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	Dong Da - Hanoi Hanoi	<b>Date submitted to OIE</b>	29/04/2014

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	29/04/2014
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	07/10/2013
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of pre-confirmation of the event</b>	13/10/2013
<b>Serotype(s)</b>	H5N1	<b>Date of last occurrence</b>	24/07/2013
<b>Reason</b>	Reoccurrence of a listed disease	<b>Diagnosis</b>	Laboratory (advanced)
<b>Country or zone</b>	the whole country	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 39, Draft= 0		

### Outbreak details

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HOA BINH-other report - submitted	-	Luong son	Nhuan Trach	Village	Gieng Em	20.8636	105.5631	07/10/2013	15/11/2013
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	1175	370	370	805	0			
Affected Population	Affected population of 700 ducks and 475 chickens								

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BAC NINH-other report - submitted	-	Yen Phong	Dong Phong	Village	Dong Phong	21.1923	106.019	08/01/2014	10/02/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	1400	500	400	1000	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BAC NINH-other report - submitted	-	Bac Ninh city	Hap Linh	Village	Hap Linh	21.134	106.0758	08/01/2014	10/02/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	1125	395	300	825	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BAC NINH-other report - submitted	-	Tien Du	Phu Lam	Village	Phu Lam	21.1683	106.0029	09/01/2014	10/02/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	2469	1000	600	1869	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BAC NINH-other report - submitted	-	Tu Son	Tam Son	Village	Tam Son	21.1196	105.9619	09/01/2014	10/02/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	4793	2000	1300	3493	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
NAM DINH-other report - submitted	-	Giao Thuy	Giao Ha	Village	Giap Ha	20.2587	106.4529	07/02/2014	28/02/2014
Birds	Animals	510	300	300	210	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
KHANH HOA-other report - submitted	-			Village	Khanh Hoa	12.5709	109.2299	10/02/2014	10/04/2014
Birds	Animals	6900	3000	3000	3900	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
TAY NINH-other report - submitted	-	Ben Cau		Village	Ben cau	11.0753	106.2344	10/02/2014	24/03/2014
Birds	Animals	1582	329	329	1253	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
QUANG NGAI-other report - submitted	-	Duc Pho	Pho Cuong	Village	Pho Cuong	14.7414	108.9871	10/02/2014	10/03/2014
Birds	Animals	4633	2783	2783	1850	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
LAO CAI-other report - submitted	-	Bao Thang		Village	Bao Thang	22.3309	104.1884	10/02/2014	10/03/2014
Birds	Animals	6813	6813	206	6607	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
CA MAU-other report - submitted	-	Tran Van Thoi	Tran Hoi	Village	Tran Hoi	9.1852	104.9468	11/02/2014	25/03/2014
Birds	Animals	121	106	106	15	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
KON TUM-other report - submitted	-	Ngoc Hoi		Village	Ngoc Hoi	14.5752	107.6021	11/02/2014	28/02/2014
Birds	Animals	5235	2663	2663	2572	0			

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Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LONG AN-other report - submitted	-			Village	Long An	10.5176	106.4567	13/02/2014	01/03/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	2503	600	600	1903	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
DAK LAK-other report - submitted	-			Village	Dak Lak	12.6571	108.1045	14/02/2014	01/03/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1630	865	865	765	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PHU YEN-other report - submitted	-	Dong Hoa	Hoa Xuan Dong	Village	Hoa Xuan Dong	12.9428	109.3603	14/02/2014	06/03/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	2000	1100	1100	900	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CAN THO-other report - submitted	-	O Mon		Village	O Mon	10.1766	105.6045	16/02/2014	10/03/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	700	500	500	200	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BA RIA - VUNG TAU-other report - submitted	-	Xuyen Moc	Ha Hoi	Village	Hoa Hoi	10.6241	107.4538	17/02/2014	10/03/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	700	250	250	450	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NGHE AN-other report - submitted	-	Dien Chau		Village	Dien Chau	18.9825	105.6015	18/02/2014	18/03/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1978	699	699	1279	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
QUANG BINH-other report - submitted	-	Bo Trach		Village	Bo Trach	17.5568	106.5417	18/02/2014	06/03/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

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Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	2270	2270	2270	0	0			
Affected Population									

  

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HA TINH-other report - submitted	-	Cam Xuyen		Village	Cam Xuyen	18.202	105.9828	18/02/2014	10/03/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	657	657	657	0	0			
Affected Population									

  

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
VINH LONG-other report - submitted	-	Tam Binh		Village	Tam Binh	10.1442	105.9724	19/02/2014	10/04/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	12941	5705	5705	7236	0			
Affected Population									

  

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
THANH HOA-other report - submitted	-	Tinh Gia		Village	Tinh Gia	19.552	105.7363	20/02/2014	06/03/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	716	275	275	441	0			
Affected Population									

  

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PHU THO-other report - submitted	-			Village	Phu Tho	21.3476	105.2554	22/02/2014	06/03/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	1113	1113	1113	0	0			
Affected Population									

  

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
TRA VINH-other report - submitted	-	Tieu Can		Village	Tieu Can	9.8089	106.1984	23/02/2014	19/03/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	1050	1050	500	550	0			
Affected Population									

  

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BINH DINH-other report - submitted	-			Village	Binh Dinh	14.032	108.9072	23/02/2014	06/03/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	790	790	790	0	0			
Affected Population									

  

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BAC LIEU-other report - submitted	-			Village	Bac Lieu	9.3605	105.4933	24/02/2014	12/03/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	2000	2000	1000	1000	0			
Affected Population									

  

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAI DUONG-other report - submitted	-	Thanh Ha	Cam Che	Village	Cam Che	20.9271	106.4297	27/02/2014	25/03/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	600	354	250	350	0			
Affected Population									

  

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GIA LAI-other report - submitted	-			Village	Dak Po	13.9781	108.5532	28/02/2014	27/03/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	4500	2457	2004	2496	0			
Affected Population									

  

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SOC TRANG-other report - submitted	-			Village	Nga Nam	9.5688	105.6075	28/02/2014	26/03/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	505	327	134	371	0			
Affected Population									

  

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HUNG YEN-other report - submitted	-	Van Lam	Dai Dong	Village	Dai Tu	20.9894	106.0707	01/03/2014	27/03/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	5700	2132	1354	4346	0			
Affected Population									

  

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BINH DUONG-other report - submitted	-			Village	Binh Duong	11.1425	106.85	03/03/2014	12/03/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	710	477	300	410	0			
Affected Population									

  

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NINH THUAN-other report - submitted	-	Ninh Phuoc	Phuoc Thai	Village	Phuoc Thai	11.5884	108.8113	05/03/2014	20/03/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	500	300	300	200	0			
Affected Population									

  

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CAN THO-other report - submitted	-			Village	Can Tho	10.0702	105.6475	06/03/2014	28/03/2014
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	7512	5812	500	7012	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GIA LAI-other report - submitted	-	Plei Ku	Hoa Lu	Village	Hoa Lu	13.9924	108.0158	06/03/2014	11/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	731	260	160	571	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BEN TRE-other report - submitted	-	Mo Cay	Cam Son	Village	Cam Son	10.0135	106.3679	09/03/2014	11/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1419	321	321	1098	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
DONG NAI-other report - submitted	-	Vinh Cuu		Village	Vinh Cuu	11.0817	107.0289	09/03/2014	11/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	19200	10000	5000	14200	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HA GIANG-other report - submitted	-	Vi Xuyen	Dao Duc	Village	Dao Duc	22.7291	104.976	10/03/2014	10/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	114	114	70	44	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
QUANG NAM-other report - submitted	-	Dien Ban		Village	Dien Ban	15.8739	108.2799	10/03/2014	11/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	4056	2970	2000	2056	0			
Affected Population									

Province	Number of outbreaks	District	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BINH THUAN-other report - submitted	-	Duc Linh	Nam Chinh	Village	Nam Chinh	11.2014	107.5409	18/03/2014	11/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	6800	750	500	6300	0			
Affected Population									

#### Outbreak summary: Total outbreaks = 39 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	120151	64407	41574	78577	0

#### Epidemiology

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<b>Source of the outbreak(s) or origin of infection</b>	
• Unknown or inconclusive	
<b>Epidemiological comments</b>	
<b>Source of the outbreak(s) or origin of infection</b>	
• Unknown or inconclusive	
<b>Measures applied</b>	
<b>Applied</b>	<b>To be applied</b>
<ul style="list-style-type: none"> <li>• stamping out</li> <li>• movement control inside the country</li> <li>• vaccination in response to the outbreak (s)</li> <li>• disinfection of infected premises/establishment(s)</li> </ul>	<ul style="list-style-type: none"> <li>• no planned control measures</li> </ul>
<b>Animals treated</b>	<b>Vaccination Prohibited</b>
No	No
<b>Future Reporting</b>	
<b>The report and all its outbreaks have been resolved.</b>	

## Outbreak maps

