

## Follow-up report No.: 12

Report reference: 1828/TY-DT, OIE Ref: 6411, Report Date: 31/10/2007, Country: Vietnam

### Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N1
Clinical Signs	Yes	Reason	Reoccurrence of a listed disease
Date of first confirmation of the event	19/12/2006	Date of Start of Event	06/12/2006
Date of report	31/10/2007	Date Submitted To OIE	31/10/2007
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced)	Date Of Last Occurrence	10/08/2006
Number Of Reported Outbreaks	Submitted= 102, Draft= 0	Name of Sender of the report	Mr Bui Quang Anh
Address	15/78 Giai Phong Road, HANOI	Position	Chief Veterinary Officer
Telephone	(84-4) 8696788	Fax	(84-4) 8686339
Email	dah.vn@fpt.vn	Entered by	Mr Bui Quang Anh

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC LIEU	Hong Dan	Ninh Quoi	Village	Ninh Quoi	9,3331	105,313	07/12/2006	16/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	150	80	50	60	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Tran Van Thoi	Khanh Hai	Village	Khanh Hai	9,104654	104,839648	13/12/2006	10/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	500	188	134	300	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Ca Mau City	An Xuyen	Village	An Xuyen	9,1353	105,1108	14/12/2006	12/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	500	225	225	275	0		

Affected Population

### Outbreak (other report - submitted) ( 060001 )

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Tran Van Thoi	Khanh Hung	Village	Rach Lum B	9,11198	104,890706	19/12/2006	08/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	4500	2523	2523	1500	0		
Affected Population unvaccinated chickens and ducks older than one month								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC LIEU	Hoa Binh	Vinh Binh	Village	Vinh Binh	9,2027	105,3237	19/12/2006	10/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	4450	3550	3550	900	0		
Affected Population unvaccinated one-month-old ducks								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Ca Mau City	Ly Van Lam	Farm	Ly Van Lam	9,0843	105,0743	20/12/2006	10/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	140	40	40	100	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	U Minh	Khanh An	Village	Khanh An	9,1501	105,0027	22/12/2006	12/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	200	45	45	120	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Ca Mau City	Phuong 1	Farm	Phuong 1	9,1132	105,0751	22/12/2006	12/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	25	7	7	18	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	U Minh	Khanh Lam	Village	Khanh Lam	9,332238	104,895181	22/12/2006	12/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	230	10	10	200	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Tran Van Thoi	Khanh Binh Tay	Village	Khanh Binh Tay	9,1026	105	22/12/2006	16/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	310	120	76	230	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
HAU GIANG	Long My	Xa Phien	Village	Xa Phien	9,3704	105,3006	22/12/2006	15/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	500	200	120	300	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Tran Van Thoi	TT. Song Doc	Farm	TT. Song Doc	9,046632	104,829897	23/12/2006	17/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	100	22	22	78	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Tran Van Thoi	Khanh Binh	Farm	Khanh Binh	9,161624	105,052764	23/12/2006	16/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	200	101	70	130	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Tran Van Thoi	Loi An	Village	Loi An	9,0804	105,0341	23/12/2006	13/01/2007

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	30	4	4	26	0
Affected Population						

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Cai Nuoc	Luong The Tran	Village	Luong The Tran	9,0627	105,0726	24/12/2006	14/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	150	2	2	130	0		
Affected Population								

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Dam Doi	TT. Dam Doi	Farm	TT. Dam Doi	9,0002	105,0341	24/12/2006	14/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	120	10	5	100	0		
Affected Population								

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
HAU GIANG	Long My	Luong Tam	Village	Luong Tam	9,3738	105,2533	25/12/2006	17/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1000	250	200	700	0		
Affected Population								

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	U Minh	TT. U Minh	Farm	TT. U Minh	9,408364	105,12	25/12/2006	15/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	250	12	12	200	0		
Affected Population								

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Ngoc Hien	Dat Mui	Village	Dat Mui	8,611649	104,790788	26/12/2006	16/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	50	6	6	44	0		

Affected Population

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Phu Tan	Phu My	Village	Phu My	8,973583	104,900599	26/12/2006	16/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	42	6	6	36	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC LIEU	Phuoc Long	Hung Phu	Village	Hung Phu	9,2359	105,3221	26/12/2006	22/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2500	1696	900	1100	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC LIEU	Vinh Loi	Vinh Hung A	Village	Vinh Hung A	9,2353	105,3454	26/12/2006	16/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	500	200	120	180	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC LIEU	Gia Rai	Tan Thanh	Village	Tan Thanh	9,1236	105,1535	27/12/2006	17/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	120	35	35	80	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Thoi Binh	TT. Thoi Binh	Farm	TT. Thoi Binh	9,2134	105,0508	27/12/2006	17/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	250	105	105	145	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC LIEU	Phuoc Long	Vinh Phu Dong	Village	Vinh Phu Dong	9,2557	105,3035	28/12/2006	21/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	50	9	9	41	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Tran Van Thoi	Khanh Binh Dong	Village	Khanh Binh Dong	9,0822	105,0122	28/12/2006	22/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	250	150	90	160	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Phu Tan	Phu Thuan	Village	Phu Thuan	8,955616	104,945288	28/12/2006	15/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	100	22	22	78	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Phu Tan	Tan Hung Tay	Village	Tan Hung Tay	8,893604	104,913164	28/12/2006	20/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	26	8	8	18	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Tran Van Thoi	Tran Hoi	Village	Tran Hoi	9,185238	104,94684	29/12/2006	13/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	42	3	3	39	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Long My	Vinh Vien	Village	Vinh Vien	9,4033	105,2501	29/12/2006	21/01/2007

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	100	57	57	40	0
Affected Population						

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
HAU GIANG	Vi Thuy	TT. Nang Mau	Farm	TT. Nang Mau	9,4512	105,3142	30/12/2006	21/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	37	18	18	19	0		
Affected Population								

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Thoi Binh	Tan Loc	Village	Tan Loc	9,1622	105,1232	31/12/2006	21/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	250	130	100	150	0		
Affected Population								

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Cai Nuoc	Tan Hung Dong	Village	Tan Hung Dong	8,960226	105,007795	01/01/2007	22/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	33	1	1	32	0		
Affected Population								

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Ngoc Hien	Tan An	Village	Tan An	8,63669	105,041571	01/01/2007	22/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	9	5	5	4	0		
Affected Population								

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Cai Nuoc	TT. Cai Nuoc	Farm	TT. Cai Nuoc	8,930745	105,023781	01/01/2007	22/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	32	2	2	13	0		

Affected Population

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC LIEU	Gia Rai	Phong Tan	Village	Phong Tan	9,1806	105,2626	03/01/2007	24/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	356	160	92	200	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC LIEU	Vinh Loi	Chau Hung A	Village	Chau Hung A	9,2307	105,4401	04/01/2007	25/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	100	20	12	50	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC LIEU	Vinh Loi	Long Thanh	Village	Long Thanh	9,1807	105,4016	04/01/2007	25/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1500	230	198	1020	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
SOC TRANG	My Xuyen	TT. My Xuyen	Village	My Xuyen	9,3323	105,5907	04/01/2007	25/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	20	8	8	12	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Dam Doi	Nguyen Huan	Village	Nguyen Huan	8,876664	105,296503	04/01/2007	16/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	120	26	21	90	0		
Affected Population								



**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
KIEN GIANG	An Bien	Nam Yen	Village	Nam Yen	9,5207	105,0157	05/01/2007	26/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2000	215	129	1485	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC LIEU	Gia Rai	Phong Thanh Dong	Village	Phong Thanh Dong	9,1901	105,2918	05/01/2007	26/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	200	25	17	175	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
KIEN GIANG	An Bien	Dong Hoa	Village	Dong Hoa	9,757365	105,094133	06/01/2007	27/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2000	300	179	1600	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
KIEN GIANG	Vinh Thuan	Vinh Binh Nam	Village	Vinh Binh Nam	9,3355	105,2056	07/01/2007	28/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	650	30	12	585	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
VINH LONG	Binh Minh	Thuan An	Village	Thuan An	10,0523	105,4942	07/01/2007	28/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	40	20	10	10	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC LIEU	Vinh Loi	Vinh Hung	Village	Vinh Hung	9,2259	105,3553	07/01/2007	28/01/2007

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	700	280	220	350	0
Affected Population						

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
KIEN GIANG	Go Quao	Dinh Hoa	Village	Dinh Hoa	9,4715	105,153	08/01/2007	29/01/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	300	42	31	258	0		
Affected Population								

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC LIEU	Vinh Loi	Hung Thanh	Village	Hung Thanh	9,2212	105,4858	09/01/2007	01/02/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	150	10	10	100	0		
Affected Population								

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
TRA VINH	Cau Ke	Tam Ngai	Village	Tam Ngai	9,5419	106,0132	12/01/2007	03/02/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1500	880	210	320	0		
Affected Population								

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
SOC TRANG	My Tu	My Huong	Village	My Huong	9,3809	105,5027	14/01/2007	04/02/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	200	66	52	134	0		
Affected Population								

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC LIEU	Dong Hai	Long Dien Dong	Village	Long Dien Dong	9,1321	105,3124	14/01/2007	04/02/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2000	1505	500	1500	0		

Affected Population

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC LIEU	Hoa Binh	Vinh My B	Village	Vinh My B	9,1722	105,3341	14/01/2007	04/02/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	120	50	31	50	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
HAI DUONG	Thanh Mien	Doan Tung	Farm	Doan Tung	20,4921	106,1251	14/02/2007	05/03/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	10500	6000	5500	4500	0		
Affected Population unvaccinated broiler chickens								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
HA TAY	Thach That	Canh Nau	Farm	Canh Nau	21,0321	105,3651	26/02/2007	12/03/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	600	50	50	550	0		
Affected Population unvaccinated chicken flock								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
HA NOI CITY	Dong Anh	Kim Chung	Farm	Kim Chung	21,0804	105,4628	03/03/2007	21/03/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2450	1500	1150	1300	0		
Affected Population unvaccinated chicken flock								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CAN THO CITY	Co Do	Dong Hiep	Farm	Dong Hiep	10,0447	105,2852	07/03/2007	17/03/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	600	200	148	452	0		
Affected Population unvaccinated duck flock								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CA MAU	Tran Van Thoi	Khanh Binh Dong	Village	Khanh Binh Dong	9,0822	105,0122	22/03/2007	14/04/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	85	70	65	20	0		
<b>Affected Population</b>		unvaccinated 20-day-old ducks						

**Outbreak (other report - submitted)**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date	
NGHE AN	Dien Chau	Village	Dien Tho	18,5609	105,3407	01/05/2007		
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1130	314	236	894	0		
<b>Affected Population</b>		two unvaccinated 40-day-old duck flocks						

**Outbreak (other report - submitted)**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date	
NGHE AN	Hung Nguyen	Village	Hung Nguyen	18,4021	105,3742	09/05/2007		
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	3800	1729	1298	2181	0		
<b>Affected Population</b>		three unvaccinated duck flocks						

**Outbreak (other report - submitted)**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date	
DONG THAP	Thap Muoi	Farm	My Quy	10,3245	105,4511	09/05/2007		
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2600	1900	1600	1000	0		
<b>Affected Population</b>								

**Outbreak (other report - submitted)**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date	
QUANG NINH	Dong Trieu	Village	Duc Chinh	21,0549	106,3114	14/05/2007	25/05/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	130	130	90	40	0		
<b>Affected Population</b>		unvaccinated backyard chickens						

**Outbreak (other report - submitted)**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
QUANG NINH	TX Mong Cai	Farm	Hai Yen	21,312	107,5502	16/05/2007	20/06/2007

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	443	150	116	327	0
<b>Affected Population</b>		unvaccinated 35-day-old ducks				

#### Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
CAN THO CITY	Vinh Thanh	Village	Thanh Loc	10,1156	105,2615	17/05/2007	12/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1500	450	375	1125	0	
<b>Affected Population</b>		unvaccinated 78-day-old ducks					

#### Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
SON LA	Mai Son	Village	Chieng Mai	21,1225	103,5932	18/05/2007	12/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	960	210	130	830	0	
<b>Affected Population</b>		unvaccinated 25-day-old ducks and muscovy ducks					

#### Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
QUANG NINH	Dong Trieu	Farm	Tan Lap	21,0647	106,3117	18/05/2007	30/05/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	320	320	296	24	0	
<b>Affected Population</b>		60-day-old muscovy ducks and chickens					

#### Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
NAM DINH	My Loc	Village	My Thanh	20,2525	106,0642	19/05/2007	29/05/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1100	260	150	950	0	
<b>Affected Population</b>		unvaccinated 19-day-old ducks					

#### Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
NAM DINH	Vu Ban	Village	Hien Khanh	20,2537	106,0352	19/05/2007	05/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	450	210	150	300	0	

Affected Population	71-day old unvaccinated ducks
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#### Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
NAM DINH	Nam Truc	Village	Nam Toan	20,2332	106,1151	19/05/2007	30/05/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1400	1200	975	425	0	
Affected Population		unvaccinated ducks					

#### Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC GIANG	Yen Dung	Village	Tan My	21,162	106,0933	21/05/2007	30/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	2300	1300	973	1327	0	
Affected Population		unvaccinated backyard chickens and ducks.					

#### Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HAI PHONG CITY	Kien Thuy	Farm	Hop Duc	20,4425	106,4356	22/05/2007	21/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	500	350	320	180	0	
Affected Population		unvaccinated 40-day-old ducks					

#### Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
NAM DINH	Giao Thuy	Village	Giao Hai	20,1332	106,2744	23/05/2007	10/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	2650	500	400	2250	0	
Affected Population		unvaccinated ducks of different ages					

#### Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
DIEN BIEN	Hoa Lu	Farm	Ninh Khang	20,1746	105,5759	25/05/2007	15/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1959	300	248	1711	0	
Affected Population		unvaccinated ducks brought from Nam Dinh Province.					

**Outbreak (other report - submitted)**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC NINH	Thuan Thanh	Farm	Dinh To	21,0337	106,0201	25/05/2007	20/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	950	750	570	380	0	
<b>Affected Population</b>		unvaccinated chickens and ducks.					

**Outbreak (other report - submitted)**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HUNG YEN	Phu Cu	Village	inh Cao	20,4214	106,1055	28/05/2007	22/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	300	180	125	175	0	
<b>Affected Population</b>		unvaccinated ducklings.					

**Outbreak (other report - submitted)**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
VINH PHUC	Kim Son	Village	Huong Canh	21,16	105,4	29/05/2007	10/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	7460	3100	1110	6350	0	
<b>Affected Population</b>		three households with unvaccinated birds					

**Outbreak (other report - submitted)**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HA NAM	Binh Luc	Farm	Dong Du	20,3148	106,0108	30/05/2007	27/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	230	230	180	50	0	
<b>Affected Population</b>		unvaccinated muscovy ducks.					

**Outbreak (other report - submitted)**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
THAI BINH	Thai Thuy	Village	Thai Phuc	20,2949	106,2837	31/05/2007	26/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	770	90	10	760	0	
<b>Affected Population</b>		unvaccinated chickens and ducks.					

**Outbreak (other report - submitted)**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
PHU THO	Viet Tri	Farm	Thuy Van	21,1941	105,2057	01/06/2007	22/06/2007

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	370	320	240	130	0
Affected Population		unvaccinated ducklings.				

#### Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
QUANG NAM	Hoi An	Farm	Thanh Ha	15,5313	108,181	01/06/2007	23/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	300	175	95	205	0	
Affected Population		unvaccinated 2.5-month-old ducks					

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
VINH PHUC	Binh Xuyen	Huong Canh	Village	Binh Xuyen	21,1612	105,3852	06/06/2007	27/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	940	720	720	220	0		
Affected Population		unvaccinated ducks of 30 days old.						

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
THAI BINH	Thai Thuy	Thai Ha	Village	Dong Hung	20,295	106,2654	06/06/2007	27/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1105	985	900	205	0		
Affected Population		unvaccinated ducks of 45 days old.						

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
HAI PHONG CITY	Tien Lang	Tien Lang Town	Farm	Squater 4	20,4353	106,3338	09/06/2007	30/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	660	126	126	534	0		
Affected Population		unvaccinated ducks.						

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAC GIANG	Hiep Hoa	Chau Minh	Village	Chau Minh	21,1531	105,5832	09/06/2007	01/07/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	719	227	227	492	0		



Affected Population unvaccinated muscovy ducks and chickens of 60 days old.

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
HA TINH	Loc Ha	Thinh Loc	Village	Thinh Loc	18,3008	105,5238	11/06/2007	30/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2500	350	350	2150	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CAO BANG	Thong Nong	Luong Thong	Village	Luong Thong	22,5139	105,5557	11/06/2007	02/07/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	152	84	84	68	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
DIEN BIEN	Nho Quan	Quynh Luu	Village	Quynh Luu	20,1419	105,4933	17/06/2007	12/07/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2250	275	275	1975	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
QUANG NINH	Dong Trieu	Hong Thai Dong	Farm	Hong Thai Dong	21,0332	106,4126	26/06/2007	15/07/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	200	70	70	130	0		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
NGHE AN	Hung Nguyen	Hung Trung	Village	Hung Trung	18,4717	105,3543	28/06/2007	01/08/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1256	800	800	456	0		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
LAI CHAU	Dien Bien	Thanh Yen	Village	Thanh Yen	21,336706	102,976324	05/07/2007	12/08/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	8527	1254	813	3000	0		
<b>Affected Population</b>		Unvaccinated ducks and chickens.						

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
NINH-BINH	Nho Quan	Phu Son	Village	Phu Son	20,2046	105,4417	08/07/2007	25/07/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	892	143	97	749	0		
<b>Affected Population</b>		unvaccinated ducks						

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
DONG THAP	Cao Lanh	Tan Hoi Trung	Village	Tan Hoi Trung	10,2638	105,4626	09/07/2007	19/07/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	550	276	153	377	0		
<b>Affected Population</b>								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
DONG THAP	Lai Vung	Dinh Hoa	Village	Dinh Hoa	20,0319	106,0501	16/07/2007	12/08/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2100	319	251	1500	0		
<b>Affected Population</b>		unvaccinated ducks						

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
QUANG BINH	Le Thuy	Cam Thuy	Village	Cam Thuy	17,1438	106,4936	23/07/2007	12/08/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	3100	20	18	3000	0		
<b>Affected Population</b>		Unvaccinated ducks.						

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
TRA VINH	Tra Cu	Phuoc Hung	Village	Phuoc Hung	9,4601	106,182	11/08/2007	20/08/2007

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	1200	620	421	519	0
Affected Population		Unvaccinated ducks.				

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
DONG THAP	Lap Vo	My An Hung B	Village	My An Hung B	10,2319	105,3639	19/08/2007	30/08/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	510	250	135	314	0		
Affected Population		Unvaccinated ducks.						

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
THAI NGUYEN	Pho Yen	Thuan Thanh	Village	Thuan Thanh	21,203	105,5223	20/08/2007	05/09/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	510	251	185	315	0		
Affected Population		Unvaccinated ducks and chickens.						

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
TRA VINH	Tra Cu	Ham Giang	Farm	Ham Giang	9,3941	106,1615	11/10/2007	11/11/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	300	10	5	295	0		
Affected Population		unvaccinated ducks gathered from various places.						

#### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
QUANG TRI	Gio Thanh	Gio Linh	Village	Nhi Ha	16,5436	107,0746	23/10/2007	20/11/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	600	310	290	310	0		
Affected Population		fifty-seven-day-old unvaccinated ducks						

#### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CAO BANG	Trung Khanh	Duc Hong	Village	Duc Hong	22,472	106,3052	25/10/2007	30/11/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1200	560	492	600	0		

Affected Population	unvaccinated ducks
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### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CAO BANG	Trung Khanh	Ngoc Khe	Village	Ngoc Khe	22,5401	106,3336	27/10/2007	21/11/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2100	900	837	1200	0		
Affected Population		unvaccinated ducks and chickens						

### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
NAM DINH	My Loc	My Phuc	Village	My Phuc	20,2746	106,0943	30/10/2007	21/11/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	400	300	210	190	0		
Affected Population		unvaccinated ducks of 35 days old.						

### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
TRA VINH	Chau Thanh	Thanh My	Village	Thanh My	9,4935	106,1859	30/10/2007	15/11/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	800	500	400	100	0		
Affected Population		unvaccinated ducks of 2 months old.						

### Outbreak summary: Total outbreaks = 102 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	108130	45047	34773	62620	0

### Epidemiology

Epidemiological comments	Source of the outbreak(s) or origin of infection	<ul style="list-style-type: none"> <li>• Illegal movement of animals</li> <li>• Introduction of new live animals</li> <li>• Unknown or inconclusive</li> </ul>
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### Control Measures

Applied	<ul style="list-style-type: none"> <li>• Quarantine</li> <li>• Movement control inside the country</li> <li>• Disinfection of infected premises/establishment(s)</li> <li>• Modified stamping out</li> </ul>	To be applied	<ul style="list-style-type: none"> <li>• Control of wildlife reservoirs</li> <li>• Screening</li> <li>• Zoning</li> <li>• Vaccination in response to the outbreak (s)</li> </ul>
Animals treated	No	Vaccination Prohibited	No

## Country / Zone

Country or zone	a zone or compartment
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## Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Region VI Animal Health Office	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	31/10/2007	Positive

## Future Reporting

### What further reports will be submitted in relation to this event?

There are 4 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

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

## Outbreak maps

