

### Follow-up report No.31

Report reference: , Reference OIE : 23471, Report Date : 04/04/2017, Country : Cameroon

#### Report Summary

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		<b>Date submitted to OIE</b>	04/04/2017

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	04/04/2017
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	20/05/2016
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	24/05/2016
<b>Serotype(s)</b>	H5N1	<b>Date of last occurrence</b>	12/03/2006
<b>Reason</b>	Reoccurrence of a listed disease	<b>Diagnosis</b>	Clinical, Laboratory (advanced)
<b>Country or zone</b>	a zone or compartment	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 21, Draft= 0		

#### Outbreak details

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CENTRE-other report - submitted	-	Mfoundi	Yaoundé 6	Farm	Poultry complex of Mvog Besti	3.865473	11.484552	20/05/2016	15/06/2016
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	33000	15000	15000	18000	0			
Affected Population	Population of breeders, broilers and layers: 7, 13, 31, 61 and 81 weeks old.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CENTRE-other report - submitted	-	Mfoundi	Yaoundé 4	Not applicable	Mvog Ada Market.	3.86195	11.53319	21/05/2016	24/06/2016
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	1200	682	682	382	...			
Affected Population	Broilers and spent chickens of different ages.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SUD-other report - submitted	-	Mvilla	Ebolowa 2	Not applicable	Marché Oyenga	2.91507	11.16377	21/05/2016	31/05/2016
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	1202	352	352	850	0			
Affected Population	Broilers, layers, village chicken and ducks.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SUD-other report - submitted	-	Mvilla	Ebolowa 2	Farm	Bilon	2.938417	11.16227	21/05/2016	31/05/2016
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	4650	2000	2000	2650	0			
Affected Population	Broilers.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SUD-other report - submitted	-	Mvilla	Ebolowa	Farm	Haoussa area.	2.908029	11.180791	23/05/2016	02/06/2016
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	20	7	7	13	0			
Affected Population	Ducks.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SUD-other report - submitted	-	Mvilla	Ebolowa 1	Farm	John Holth	2.938355	11.14659	23/05/2016	31/05/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	66	66	66	0	0			
Affected Population	Broilers.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CENTRE-other report - submitted	-	Mfoundi	Yaoundé 1	Farm	Nkolodom	3.950039	11.498142	23/05/2016	25/05/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	500	133	133	367	0			
Affected Population	43-day-old broilers.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SUD-other report - submitted	-	Mvilla	Ebolowa	Farm	Ebolowa Si II	2.909738	11.145312	24/05/2016	02/06/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	30	15	15	15	0			
Affected Population	Ducks.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SUD-other report - submitted	-	Mvilla	Ebolowa	Farm	Angale	2.909731	11.14532	24/05/2016	02/06/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	500	200	200	300	0			
Affected Population	Broilers.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CENTRE-other report - submitted	-	Mfoundi	Yaoundé 3	Farm	Mekounou - Afanoyoa	3.755666	11.46825	26/05/2016	15/06/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	5813	30	30	5783	0			
Affected Population	36-day-old broilers, 6-week-old, 12-week-old and 51-week-old laying hens.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SUD-other report - submitted	-	Mvilla	Ebolowa 2	Farm	Monelam	2.8863108	11.1148099	29/05/2016	08/06/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	351	7	7	344	0			
Affected Population	Village chicken, ducks, guinea fowls and geese.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CENTRE-other report - submitted	-	Mfoundi	Yaoundé 6	Farm	Akoudoué II (Biyem Assi)	3.832964	11.470791	30/05/2016	01/06/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	500	200	200	300	0			
Affected Population	45-day-old broilers.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OUEST-other report - submitted	-	Koung Khi	Bayangam	Farm	Bayangam	5.295661	10.451634	31/05/2016	10/06/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	12000	1500	1500	10500	0			
Affected Population	2-week-old, 2 week-old and 8-week-old broilers.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OUEST-other report - submitted	-	Mifi	Bafoussam II	Not applicable	Cassablanca market.	5.492797	10.397273	31/05/2016	03/06/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	428	61	61	367	0			
Affected Population	Village poultry, turkeys, ducks and broilers of different ages.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SUD-other report - submitted	-	Mvilla	Ebolowa 1	Farm	New-Bell	2.930124	11.147616	01/06/2016	13/06/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	6000	1439	1439	4561	0			
Affected Population	Broilers aged 30 days, cockerels aged 60 days and laying hens aged 12 months.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CENTRE-other report - submitted	-	Mfoundi	Yaoundé 6	Farm	Jouvence	3.829693	11.479581	03/06/2016	09/06/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	831	300	300	531	0			
Affected Population	60-day-old broilers.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ADAMAOUA-other report - submitted	-	Djerem	Tibati	Backyard	Daber	6.654656	12.098571	04/06/2016	08/06/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	66	48	48	18	0			
Affected Population	Village poultry.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OUEST-other report - submitted	-	Mifi	Bafoussam 1er	Farm	Nzemgouen	5.461312	10.448452	29/08/2016	13/10/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	34400	2628	2628	31772	0			
Affected Population	Population of breeders: 15, 26, 29 and 51 weeks old. Commercial layers: one week old. Following reinforcement of the surveillance of avian influenza in Cameroon and in compliance with articles 3 and 5 of the Act 006 of 16 April 2001 on zoo-sanitary standards applying to livestock diseases legally considered as contagious and subjected to compulsory reporting, the owners of the poultry farm reported high mortality within the breeders rearing facilities.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OUEST-other report - submitted	-	Noun	Foumbot	Farm	Njimbot 1	5.517345	10.65043	03/03/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	...	...	...	...	...			
Affected Population	Sampling of droppings and food following depopulation of 90-week-old discarded layers. H5N1 was identified by the national reference laboratory.								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OUEST-other report - submitted	-	Noun	Foumbot	Farm	Mangoum	5.4845	10.5903	05/03/2017	27/03/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	6320	1487	1487	4833	0			
Affected Population	Population of layers 30 weeks old								

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OUEST- (this report - submitted)	-	Noun	Foumbot	Farm	Mbandjou	5.52346	10.622769	07/03/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	25413	21407	21407	4006	0			
Affected Population	12-weeks-old poultry birds.								

### Outbreak summary: Total outbreaks = 21 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	133290	47562	47562	85592	0

### Epidemiology

#### Epidemiological comments

Information received on March, 29th 2017 by the veterinary services of the Western region. The measures implemented comply with Law 006 of 16 April 2001 on zoo-sanitary standards applying to livestock diseases legally considered as contagious and subjected to compulsory reporting, and to the OIE Terrestrial Animal Health Code.

#### 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>• movement control inside the country</li> <li>• screening</li> <li>• disinfection / disinfestation</li> <li>• quarantine</li> <li>• surveillance outside containment and/or protection zone</li> <li>• stamping out</li> <li>• official disposal of carcasses, by-products and waste</li> <li>• surveillance within containment and/or protection zone</li> <li>• zoning</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
National laboratory	National Veterinary Laboratory (LANAVET)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	03/04/2017	Positive
National laboratory	National Veterinary Laboratory (LANAVET)	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	03/04/2017	Positive

### Future Reporting

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

## Outbreak maps

