

## Follow-up report No.14

Report reference: , Reference OIE : 17856, Report Date : 09/06/2015, Country : United States of America

### Report Summary

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<b>Animal type</b>	Terrestrial	<b>Date of report</b>	09/06/2015
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	10/12/2014
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	14/12/2014
<b>Serotype(s)</b>	H5N8	<b>Date of last occurrence</b>	2004
<b>Reason</b>	Reoccurrence 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

State	Number of outbreaks	County	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WASHINGTON-other report - submitted	-	Whatcom	Not applicable	Whatcom County	48.98	-122.47	10/12/2014	10/03/2015
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>		
Gyr Falcon:Falconidae(Falco rusticolus)	Animals	...	...	...	...	...		
Affected Population	Captive wild gyrfalcon							

State	Number of outbreaks	County	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OREGON-other report - submitted	-	Douglas	Backyard	Douglas County	43.12	-123.41	16/12/2014	26/03/2015
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>		
Birds	Animals	130	28	28	102	0		
Affected Population	The affected premises was a small backyard mixed flock of guinea fowl, chickens, ducks, and geese that were allowed access to the outdoors and regularly exposed to wild migratory waterfowl.							

State	Number of outbreaks	County	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WASHINGTON-other report - submitted	-	Whatcom	Not applicable	Whatcom County	48.854	-122.4966	24/12/2014	24/03/2015
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>		
American wigeon:Anatidae(Anas americana)	Animals	...	...	...	...	...		
Affected Population	Hunter harvested wild American wigeon duck							

State	Number of outbreaks	County	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CALIFORNIA-other report - submitted	-	Butte	Not applicable	Butte County	39.672	-121.591	02/01/2015	02/04/2015
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>		
Gadwall:Anatidae(Anas strepera)	Animals	...	...	...	...	...		
Affected Population	Hunter harvested wild gadwall duck							

State	Number of outbreaks	County	Unit Type	Location	Latitude	Longitude	Start Date	End Date:

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
CALIFORNIA-other report - submitted	-	Yolo		Not applicable	Yolo county	38.72	-121.933	09/01/2015	09/04/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Green-winged Teal:Anatidae(Anas carolinensis)	Animals	...	...	...	...	...			
Affected Population	Hunter harvested wild American green-winged teal duck.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
UTAH-other report - submitted	-	Davis		Not applicable	Davis County	40.999	-111.929	09/01/2015	09/04/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
American wigeon:Anatidae(Anas americana)	Animals	...	...	...	...	...			
Affected Population	Hunter harvested wild American wigeon duck.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
CALIFORNIA-other report - submitted	-	Siskiyou		Not applicable	Siskiyou County	41.6272	-122.532	10/01/2015	10/04/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
American wigeon:Anatidae(Anas americana)	Animals	...	...	...	...	...			
Affected Population	Wild bird surveillance.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
IDAHO-other report - submitted	-	Gooding		Not applicable	Gooding County	42.932	-114.807	16/01/2015	16/04/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mallard:Anatidae(Anas platyrhynchos)	Animals	...	...	...	...	...			
Affected Population	Hunter harvested wild mallard duck								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
CALIFORNIA-other report - submitted	-	Stanislaus		Farm	Stanislaus County	37.552	-120.985	19/01/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	145000	...	4500	140500	0			
Affected Population	A commercial turkey operation. Only one house of 9,000 birds on the facility was affected and showed increased mortality.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
CALIFORNIA-other report - submitted	-	Butte		Not applicable	Butte County	39.6307	-121.6376	23/01/2015	22/04/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
American wigeon:Anatidae(Anas americana)	Animals	...	...	...	...	...			
Affected Population	Hunter harvested wild American wigeon duck.								

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
IDAHO-other report - submitted	-	Kootenai		Not applicable	Kootenai County	47.717	-116.729	29/01/2015	12/03/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Gyrfalcon:Falconidae(Falco rusticolus)	Animals	...	...	...	...	...			
Affected Population	Captive wild gyrfalcon								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NEVADA-other report - submitted	-	Lincoln		Not applicable	Lincoln County	37.673	-114.7522	30/01/2015	30/04/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mallard:Anatidae(Anas platyrhynchos)	Animals	...	...	...	...	...			
Affected Population	Hunter harvested wild mallard duck								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WASHINGTON-other report - submitted	-	Grays Harbor		Not applicable	Grays Harbor County	46.9632	-123.607	02/02/2015	02/05/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Peregrin falcon:Falconidae(Falco peregrinus)	Animals	...	...	...	...	...			
Affected Population	Wild bird surveillance.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WASHINGTON-other report - submitted	-	Clark		Not applicable	Clark County	45.8472	-122.5021	02/02/2015	02/05/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
American wigeon:Anatidae(Anas americana)	Animals	...	...	...	...	...			
Affected Population	Hunter harvested wild American wigeon duck.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CALIFORNIA-other report - submitted	-	Kings		Farm	Kings County	36.048	-119.814	02/02/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	114000	...	...	114000	...			
Affected Population	A commercial chicken and duck operation.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
IDAHO-other report - submitted	-	Canyon		Not applicable	Canyon County	43.7038	-116.8604	12/02/2015	12/05/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Bald Eagle:Accipitridae(Haliaeetus leucocephalus)	Animals	...	...	...	...	...			
Affected Population	Wild bird surveillance.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OREGON-other report - submitted	-	Columbia		Not applicable	Columbia County	46.0136	-122.7496	23/02/2015	23/05/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mallard:Anatidae(Anas platyrhynchos)	Animals	...	...	...	...	...			
Affected Population	Hunter harvested wild mallard duck.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OREGON-other report - submitted	-	Klamath		Not applicable	Klamath County	42.8641	-121.9148	09/03/2015	09/06/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
American wigeon:Anatidae(Anas americana)	Animals	...	...	...	...	...			
Affected Population	Wild bird surveillance.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OREGON-other report - submitted	-	Klamath		Not applicable	Klamath County	42.3233	-121.6871	09/03/2015	09/06/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Canada Goose:Anatidae(Branta canadensis)	Animals	...	...	...	...	...			
Affected Population	Wild bird surveillance.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CALIFORNIA-other report - submitted	-	Colusa		Not applicable	Colusa County	39.1568	-122.1705	24/03/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
American wigeon:Anatidae(Anas americana)	Animals	...	...	...	...	...			
Affected Population	Wild bird surveillance								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CALIFORNIA-other report - submitted	-	Solano		Not applicable	Solano County	38.3101	-121.9048	24/03/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
American wigeon:Anatidae(Anas americana)	Animals	...	...	...	...	...			
Affected Population	Wild bird surveillance								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
INDIANA-other report - submitted	-	Whitley		Backyard	Whitley County	41.1267	-85.5064	08/05/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	77	10	10	67	0			
Affected Population	The affected premises was a small mixed backyard poultry flock of chickens, turkeys, ducks, and geese.								

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

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Gyr Falcon					
Birds	259207	38	4538	254669	0
American wigeon					
Gadwall					
Green-winged Teal					
Mallard					
Peregrin falcon					
Bald Eagle					
Canada Goose					

**Epidemiology****Epidemiological comments**

The USDA Animal and Plant Health Inspection Service (APHIS), in conjunction with State Departments of Agriculture and Wildlife, are continuing to conduct a comprehensive epidemiological investigation and enhanced surveillance (including wild bird surveillance of hunter harvested birds) in response to the HPAI H5N8 and H5N2 wild bird related events. Novel avian influenza virus of Eurasian origin (EA-H5N8 clade 2.3.4.4) spread along wild bird migratory pathways during 2014. Introduction of this EA-H5N8 virus into the Pacific Flyway sometime during 2014 has allowed mixing with North American (AM) lineage viruses and generated new combinations with genes from both EA and AM origin (or "reassortant" viruses) such as the EA/AM H5N2-reassortant detected in Canada and the US. These findings are not unexpected as the EA-H5N8 virus continues to circulate. The EA H5 clade 2.3.4.4 viruses are highly pathogenic for poultry.

**Source of the outbreak(s) or origin of infection**

- Contact with wild species

**Measures applied**

Applied	To be applied
<ul style="list-style-type: none"> <li>• quarantine</li> <li>• movement control inside the country</li> <li>• zoning</li> <li>• disinfection / disinfestation</li> <li>• modified stamping out</li> </ul>	<ul style="list-style-type: none"> <li>• no planned control measures</li> </ul>
Animals treated	Vaccination Prohibited
No	Yes

**Future Reporting**

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

## Outbreak maps

