

Follow-up report No.12

Report reference: , Reference OIE : 17529, Report Date : 15/04/2015, Country : United States of America

Report Summary

Name of sender of the report	Dr John Clifford	Telephone	(1-202) 799-7146
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Animal type	Terrestrial	Date of report	15/04/2015
Disease	Highly pathogenic avian influenza	Date of start of the event	10/12/2014
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	15/12/2014
Serotype(s)	H5N2	Date of last occurrence	2004
Reason	Reoccurrence of a listed disease	Diagnosis	Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 55, 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	48.9	-122.48	15/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Northern Pintail:Anatidae(Anas acuta)	Animals	...	...	...	...	...
Affected Population	Wild pintail ducks							

State	Number of outbreaks	County	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WASHINGTON-other report - submitted	-	Whatcom	Not applicable	Whatcom County	48.785	-122.1858	24/12/2014	
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	-	Benton	Backyard	Benton County	46.283	-119.521	24/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	253	37	37	216	0		
Affected Population	The affected premises was a small backyard mixed free-range flock of geese, turkeys, chickens, ducks, and pigeons that were allowed access to the outdoors and regularly exposed to wild migratory waterfowl. The affected premises also included a related epidemiology linked backyard flock that received birds (ducks) from the index flock.							

State	Number of outbreaks	County	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
IDAHO-other report - submitted	-	Canyon	Backyard	Canyon County	43.615	-116.683	07/01/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	31	5	5	26	0		
Affected Population	The affected premises was a small backyard poultry flock of chickens and two ducks which were periodically allowed to range freely.							

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:
WASHINGTON-other report - submitted	-	Clallam		Backyard	Clallam County	48.102	-123.28	08/01/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	100	3	3	97	0			
Affected Population	The affected premises was a small mixed free-range backyard flock of geese, ducks, and chickens 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:
OREGON-other report - submitted	-	Lane		Not applicable	Lane County	44.049	-123.28	12/01/2015	
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:
IDAHO-other report - submitted	-	Canyon		Not applicable	Canyon County	43.649	-116.763	16/01/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Peregrin falcon:Falconidae(Falco peregrinus)	Animals	...	...	...	...	...
Affected Population	Captive peregrin falcon.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OREGON-other report - submitted	-	Columbia		Not applicable	Columbia County	45.9453	-123.067	16/01/2015	
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	-	Clark		Not applicable	Clark County	45.7456	-122.4953	16/01/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Northern Pintail:Anatidae(Anas acuta)	Animals	...	...	...	...	...
Affected Population	Hunter harvested wild pintail duck.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WASHINGTON-other report - submitted	-	Okanogan		Backyard	Okanogan County	48.4431	-119.652	21/01/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	70	40	40	30	0			
Affected Population	The affected premises was a small backyard poultry flock of chickens.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WASHINGTON-other report - submitted	-	Okanogan		Backyard	Okanogan County	48.51	-119.6522	25/01/2015	

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State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	4873	52	52	4821	0			
Affected Population	The affected premises was a backyard game bird raising premises consisting of pheasants, mallard ducks, geese, partridges, and chickens.								
State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WASHINGTON-other report - submitted	-	Whatcom		Not applicable	Whatcom County	48.902	-122.5297	26/01/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Cooper's Hawk:Accipitridae(Accipiter cooperii)	Animals	...	...	...	...	...
Affected Population	Wild bird surveillance								
State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WASHINGTON-other report - submitted	-	Skagit		Not applicable	Skagit County	48.4876	-121.784	26/01/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Red-tailed hawk:Accipitridae(Buteo jamaicensis)	Animals	...	...	...	...	...
Affected Population	Wild bird surveillance								
State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WASHINGTON-other report - submitted	-	Whatcom		Not applicable	Whatcom County	48.8312	-122.2025	30/01/2015	
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	-	Columbia		Not applicable	County - Columbia	45.9852	-122.4717	02/02/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Northern Pintail:Anatidae(Anas acuta)	Animals	...	...	...	...	...
Affected Population	Hunter harvested wild northern pintail duck.								
State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OREGON-other report - submitted	-	Morrow		Not applicable	County - Morrow	45.595	-119.62	02/02/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Northern Shoveler:Anatidae(Anas clypeata)	Animals	...	...	...	...	...
Affected Population	Hunter harvested wild Northern Shoveler ducks.								
State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
IDAHO-other report - submitted	-	Canyon		Not applicable	Canyon County	43.5055	-121.2926	02/02/2015	

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State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Great Horned owl:Strigidae(Bubo virginianus)	Animals	...	...	...	...	...	...	...	...
Affected Population	Captive great horned owl.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
OREGON-other report - submitted	-	Morrow		Not applicable	Morrow County	45.4515	-119.6146	02/02/2015	
Wood Duck:Anatidae(Aix sponsa)	Animals	...	...	...	...	...	...	...	...
Affected Population	Hunter harvested wild wood ducks.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
OREGON-other report - submitted	-	Columbia		Not applicable	Columbia County	45.9855	-122.898	02/02/2015	
Mallard:Anatidae(Anas platyrhynchos)	Animals	...	...	...	...	...	...	...	...
Affected Population	Hunter harvested wild mallard ducks								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
OREGON-other report - submitted	-	Lane		Not applicable	County - Lane	43.7293	-122.3465	03/02/2015	
Northern Pintail:Anatidae(Anas acuta)	Animals	...	...	...	...	...	...	...	...
Affected Population	Hunter harvested wild northern pintail duck.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
OREGON-other report - submitted	-	Lane		Not applicable	Lane County	43.8247	-122.4717	03/02/2015	
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			
OREGON-other report - submitted	-	Deschutes		Backyard	Deschutes County	43.925	-121.2926	09/02/2015	
Birds	Animals	80	9	9	71	0	0	0	0
Affected Population	The affected premises was a mixed backyard poultry flock of chickens, ducks, turkeys, and one goose 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:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
IDAHO-other report - submitted	-	Canyon		Not applicable	Canyon County	43.7012	-116.8638	09/02/2015	

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State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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			
WASHINGTON-other report - submitted	-	Benton		Not applicable	Benton County	46.0625	-119.6002	12/02/2015	
Red-tailed hawk:Accipitridae(Buteo jamaicensis)	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			
WASHINGTON-other report - submitted	-	Walla Walla		Not applicable	Walla Walla County	46.2133	-118.5903	12/02/2015	
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			
MINNESOTA-other report - submitted	-	Pope		Farm	Pope County	45.5805	-95.4546	26/02/2015	
Birds	Animals	21500	...	15000	6500	0	...	...	...
Affected Population	Commercial turkey breeding replacement flock. The premises consists of two barns with 18 week old breeder replacement turkey hens. One barn contained approximately 15,000 birds with high mortality and the other barn of approximately 6,500 birds has not shown any increased mortality.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
MISSOURI-other report - submitted	-	Moniteau		Farm	Moniteau County	38.5806	-92.7414	04/03/2015	
Birds	Animals	23000	...	3260	...	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
WASHINGTON-other report - submitted	-	Jefferson		Not applicable	Jefferson County	47.7141	-123.6441	05/03/2015	
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:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
MISSOURI-other report - submitted	-	Jasper		Farm	Jasper County	37.1919	-94.3286	05/03/2015	
Birds	Animals	30100	...	1925	28175	0

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State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Affected Population	A 20 week old commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
KANSAS-other report - submitted	-	Leavenworth		Backyard	Leavenworth County	39.1913	-95.0336	05/03/2015	
Birds	Animals	21	...	8	13	0			
Affected Population	The affected premises was a small backyard poultry flock of chickens and ducks that had exposure to wild ducks.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
ARKANSAS-other report - submitted	-	Boone		Farm	Boone County	36.2852	-93.0893	08/03/2015	
Birds	Animals	40020	...	1766	38254	0			
Affected Population	A 8 week old commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
MINNESOTA-other report - submitted	-	Lac Qui Parle		Farm	Lac Qui Parle County	44.9275	-96.3022	23/03/2015	
Birds	Animals	65800	...	1600	64200	0			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
MONTANA-other report - submitted	-	Judith Basin		Backyard	Judith Basin County	47.0037	-109.8426	23/03/2015	
Birds	Animals	65	...	50	...	...	
Affected Population	The affected premises is a mixed backyard poultry flock of chickens and ducks which could have exposure to wild birds.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
WYOMING-other report - submitted	-	Laramie		Not applicable	Laramie County	41.2921	-104.674	25/03/2015	
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:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
MINNESOTA-other report - submitted	-	Stearns		Farm	Stearns County	45.5844	-94.5865	26/03/2015	
Birds	Animals	45140	...	...	45140	0			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MONTANA-other report - submitted	-	Flathead		Not applicable	Flathead County	48.3532	-114.1048	27/03/2015	

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
MISSOURI-other report - submitted	-	St. Louis		Not applicable	St. Louis County	38.6224	-90.474	27/03/2015	
Peregrin falcon:Falconidae(Falco peregrinus)	Animals	...	...	...	...	...	...	...	...
Affected Population	Captive peregrine-gyrfalcon falcon hybrid								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
KANSAS-other report - submitted	-	Lyon		Not applicable	Lyon County	38.42	-96.1567	27/03/2015	
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:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
SOUTH DAKOTA-other report - submitted	-	Beadle		Farm	Beadle County	44.4148	-98.2791	30/03/2015	
Birds	Animals	53000	...	710	28000	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
MINNESOTA-other report - submitted	-	Nobles		Farm	Nobles County	43.6772	-95.7638	31/03/2015	
Birds	Animals	20716	...	300	...	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
MINNESOTA-other report - submitted	-	Stearns		Farm	Stearns County	45.553	-94.638	31/03/2015	
Birds	Animals	64698	...	...	...	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
MINNESOTA-other report - submitted	-	Stearns		Farm	Stearns County	45.6236	-94.6653	02/04/2015	
Birds	Animals	78000	...	...	...	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Kandiyohi		Farm	Kandiyohi County	45.1392	-94.9996	03/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	26500	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA- (this report - submitted)	-	Lyon		Farm	Lyon County	44.3853	-95.8216	05/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	66000	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Kandiyohi		Farm	Kandiyohi County	45.1494	-95.0449	05/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	29026	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA- (this report - submitted)	-	Cottonwood		Farm	Cottonwood County	43.9939	-95.1802	06/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	48000	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SOUTH DAKOTA- (this report - submitted)	-	Kingsbury		Farm	Kingsbury County	44.3656	-97.4726	06/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	71944	...	...	71944	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA- (this report - submitted)	-	Meeker		Farm	Meeker County	45.1057	-94.5523	06/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	315000	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA- (this report - submitted)	-	Watowan		Farm	Watowan County	43.9476	-94.6222	07/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	30000	...	...	...	...
Affected Population	A commercial turkey flock.								

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:
MINNESOTA- (this report - submitted)	-	Stearns		Farm	Stearns County	45.5581	-94.9287	07/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	44800	...	...	44800	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SOUTH DAKOTA- (this report - submitted)	-	McCook		Farm	McCook County	43.6633	-97.3988	08/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	54670	...	...	54670	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NORTH DAKOTA- (this report - submitted)	-	Dickey		Farm	Dickey County	46.0884	-98.4897	08/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	60000	...	...	60000	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SOUTH DAKOTA- (this report - submitted)	-	McPherson		Farm	McPherson County	45.758	-99.2178	09/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	49525	...	...	49525	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WISCONSIN- (this report - submitted)	-	Jefferson		Farm	Jefferson County	43.0215	-88.747	09/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	200000	...	...	...	...
Affected Population	A commercial chicken layer flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA- (this report - submitted)	-	Kandiyohi		Farm	Kandiyohi County	45.0087	-94.8837	09/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	38440	...	...	...	...
Affected Population	A commercial turkey flock.								

Outbreak summary: Total outbreaks = 55 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Northern Pintail					
Mallard					
Birds	1481372	146	24765	496482	0
Peregrin falcon					
Cooper's Hawk					
Red-tailed hawk					

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Northern Shoveler					
Great Horned owl					
Wood Duck					
Canada Goose					
Gyrfalcon					

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 rapidly 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 this EA/AM H5N2-reassortant detected in the US. In addition, overlap of the Pacific, Central, and Mississippi Americas flyways has resulted in movement of the virus to the central part of the country. 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"> • stamping out • quarantine • movement control inside the country • zoning • disinfection of infected premises/establishment(s) 	<ul style="list-style-type: none"> • no planned control measures
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 Services Laboratories (NVSL)	Birds	virus sequencing	11/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	11/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	10/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	virus sequencing	10/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	virus sequencing	09/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	09/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	08/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	virus sequencing	08/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	virus sequencing	07/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	07/04/2015	Positive

Future Reporting

Follow-up report No.: 12, Report reference: , OIE Ref: 17529, Report Date: 15/04/2015, Country: United States of America

Outbreak maps

