

Follow-up report No.15

Report reference: , Reference OIE : 17688, Report Date : 08/05/2015, 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	08/05/2015
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= 138, 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	15/03/2015
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	-	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:
WASHINGTON-other report - submitted	-	Whatcom	Not applicable	Whatcom County	48.785	-122.1858	24/12/2014	24/03/2015
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	Backyard	Canyon County	43.615	-116.683	07/01/2015	10/02/2015
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	12/04/2015
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	-	Clark		Not applicable	Clark County	45.7456	-122.4953	16/01/2015	16/04/2015
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:
OREGON-other report - submitted	-	Columbia		Not applicable	Columbia County	45.9453	-123.067	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:
IDAHO-other report - submitted	-	Canyon		Not applicable	Canyon County	43.649	-116.763	16/01/2015	12/03/2015
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:
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	

Follow-up report No.: 15, Report reference: , OIE Ref: 17688, Report Date: 08/05/2015, Country: United States of America

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	-	Skagit		Not applicable	Skagit County	48.4876	-121.784	26/01/2015	26/04/2015
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	48.902	-122.5297	26/01/2015	26/04/2015
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	-	Whatcom		Not applicable	Whatcom County	48.8312	-122.2025	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:
OREGON-other report - submitted	-	Columbia		Not applicable	County - Columbia	45.9852	-122.4717	02/02/2015	02/05/2015
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	02/05/2015
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	

Follow-up report No.: 15, Report reference: , OIE Ref: 17688, Report Date: 08/05/2015, Country: United States of America

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	02/05/2015
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	02/05/2015
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	03/05/2015
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	03/05/2015
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			
IDAHO-other report - submitted	-	Canyon		Not applicable	Canyon County	43.7012	-116.8638	09/02/2015	
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	

Follow-up report No.: 15, Report reference: , OIE Ref: 17688, Report Date: 08/05/2015, Country: United States of America

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	80	9	9	71	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:
WASHINGTON-other report - submitted	-	Benton		Not applicable	Benton County	46.0625	-119.6002	12/02/2015	
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	-	Walla Walla		Not applicable	Walla Walla County	46.2133	-118.5903	12/02/2015	
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:
MINNESOTA-other report - submitted	-	Pope		Farm	Pope County	45.5805	-95.4546	26/02/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
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:
MISSOURI-other report - submitted	-	Moniteau		Farm	Moniteau County	38.5806	-92.7414	04/03/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	23000	...	3260	...	...	
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MISSOURI-other report - submitted	-	Jasper		Farm	Jasper County	37.1919	-94.3286	05/03/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	30100	...	1925	28175	0			
Affected Population	A 20 week old commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WASHINGTON-other report - submitted	-	Jefferson		Not applicable	Jefferson County	47.7141	-123.6441	05/03/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Canada Goose:Anatidae(Branta canadensis)	Animals	...	...	...	...	...
Affected Population	Wild bird surveillance.								

Follow-up report No.: 15, Report reference: , OIE Ref: 17688, Report Date: 08/05/2015, Country: United States of America

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KANSAS-other report - submitted	-	Leavenworth		Backyard	Leavenworth County	39.1913	-95.0336	05/03/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
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:
ARKANSAS-other report - submitted	-	Boone		Farm	Boone County	36.2852	-93.0893	08/03/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
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:
MINNESOTA-other report - submitted	-	Lac Qui Parle		Farm	Lac Qui Parle County	44.9275	-96.3022	23/03/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
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:
MONTANA-other report - submitted	-	Judith Basin		Backyard	Judith Basin County	47.0037	-109.8426	23/03/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
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:
WYOMING-other report - submitted	-	Laramie		Not applicable	Laramie County	41.2921	-104.674	25/03/2015	
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:
MINNESOTA-other report - submitted	-	Stearns		Farm	Stearns County	45.5844	-94.5865	26/03/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Gyr Falcon:Falconidae(Falco rusticolus)	Animals	...	...	...	...	...

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
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			
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			
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			
SOUTH DAKOTA-other report - submitted	-	Beadle		Farm	Beadle County	44.4148	-98.2791	30/03/2015	
Birds	Animals	53000	...	710	52290	...			
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	-	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	45.6236	-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:
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Follow-up report No.: 15, Report reference: , OIE Ref: 17688, Report Date: 08/05/2015, Country: United States of America

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-other 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-other 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-other 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-other 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-other 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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Follow-up report No.: 15, Report reference: , OIE Ref: 17688, Report Date: 08/05/2015, Country: United States of America

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other 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:
WISCONSIN-other report - submitted	-	Juneau		Backyard	Juneau County	43.9187	-90.1235	08/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	33	...	...	33	...			
Affected Population	The affected premises was a small backyard mixed flock of ducks and chickens that were allowed access to the outdoors.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SOUTH DAKOTA-other 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-other 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-other 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-other 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-other 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.								

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:
MISSOURI-other report - submitted	-	St. Charles		Not applicable	St. Charles County	38.746	-90.7779	10/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Snow Goose: Anatidae (Anser caerulescens)	Animals	...	...	...	...	...	...	...	...
Affected Population	Wild bird surveillance.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Swift		Farm	Swift County	45.3636	-95.7196	10/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	160000	...	...	160000	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Meeker		Farm	Meeker County 3	45.2316	-94.6456	10/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	20000	...	...	20000	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Le Sueur		Farm	Le Sueur County	44.3636	-93.7123	10/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	21500	...	...	21500	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Stearns		Farm	Stearns County 5	45.4018	-94.2843	10/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	76000	...	...	76000	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Swift		Farm	Swift County 2	45.2061	-95.9715	11/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	154000	...	...	154000	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Meeker		Farm	Meeker County 2	44.3876	-94.6394	11/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	25000	...	...	...	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Redwood		Farm	Redwood County	44.3876	-95.2457	11/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	56000	...	...	56000	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SOUTH DAKOTA-other report - submitted	-	Roberts		Farm	Roberts County	45.6321	-96.9893	12/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	69000	...	...	69000	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
IOWA-other report - submitted	-	Buena Vista		Farm	Buena Vista County	42.728	-95.1427	12/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	27000	...	...	27000	...			
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 4	45.3154	-94.8666	12/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	30000	...	...	30000	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Otter Tail		Farm	Otter Tail County	46.401	-95.7142	13/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	21000	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Roseau		Farm	Roseau County	48.7573	-95.7967	13/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	26000	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Stearns		Farm	Stearns County 6	45.4464	-94.7208	13/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	67000	...	...	67000	...			
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-other report - submitted	-	Kandiyohi		Farm	Kandiyohi County 5	44.9814	-94.8507	13/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	152000	...	...	152000	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Pipestone		Backyard	Pipestone County	44.0071	-96.2699	13/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	151	...	...	151	...			
Affected Population	A mixed poultry backyard flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WISCONSIN-other report - submitted	-	Barron		Farm	Barron County	45.4148	-91.8566	14/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	126650	...	...	126650	...			
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 6	44.9884	-95.0197	15/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	23000	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Wadena		Farm	Wadena County	46.5602	-94.9724	16/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	301000	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
IOWA-other report - submitted	-	Osceola		Farm	Osceola County	43.3594	-95.6296	16/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	4034000	...	...	...	...
Affected Population	A commercial chicken table egg layer flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Kandiyohi		Farm	Kandiyohi County 7	45.184	-95.1683	16/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	9000	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Follow-up report No.: 15, Report reference: , OIE Ref: 17688, Report Date: 08/05/2015, Country: United States of America

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Cottonwood		Farm	Cottonwood County 2	43.9104	-95.3827	16/04/2015	
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:
SOUTH DAKOTA-other report - submitted	-	Spink		Farm	Spink County	44.9153	-98.3493	16/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	35100	...	...	35100	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Otter Tail		Farm	Otter Tail 2	46.19	-96.119	16/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	34521	...	...	34521	...			
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 10	45.2655	-95.1712	17/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	62584	...	...	62584	...			
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 8	45.3214	-95.0183	17/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	61000	...	...	...	...
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Redwood		Farm	Redwood County 2	44.2532	-95.4811	17/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	35000	...	...	35000	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Meeker		Farm	Meeker County 4	45.0516	-94.5251	17/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	58920	...	...	58920	...			
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:
IOWA-other report - submitted	-	Sac		Farm	Sac County	42.3735	-95.0943	18/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	34000	...	...	...	...
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 13	45.0438	-95.0267	18/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	34528	...	...	34528	...			
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 9	45.0144	-95.0236	18/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	75073	...	...	75073	...			
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 12	45.1346	-94.9161	18/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	19075	...	...	19075	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Stearns		Farm	Stearns County 8	45.503	-94.3286	18/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	72500	...	...	72500	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Stearns		Farm	Stearns County 7	45.6848	-94.6256	18/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	28600	...	...	28600	...			
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 14	45.1473	-94.8118	19/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	43628	...	...	43628	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Follow-up report No.: 15, Report reference: , OIE Ref: 17688, Report Date: 08/05/2015, Country: United States of America

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Meeker		Farm	Meeker County 5	45.0244	-94.3296	19/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	34089	...	...	34089	...			
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 15	44.9895	-95.0165	19/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	130405	...	...	130405	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Meeker		Farm	Meeker County 6	44.9882	-94.5462	19/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	10665	...	...	10665	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Stearns		Farm	Stearns County 9	45.5591	-94.3624	19/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	53860	...	...	53860	...			
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 16	45.015	-94.9093	20/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	36900	...	...	36900	...			
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 7	45.2191	-94.6983	20/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	40200	...	...	40200	0			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Clay		Farm	Clay County	46.8804	-96.4905	20/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	408600	...	...	...	...
Affected Population	A commercial chicken layer 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-other report - submitted	-	Kandiyohi		Farm	Kandiyohi County 17	45.2828	-94.8512	20/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	54300	...	...	54300	...			
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 19	45.1939	-95.0969	21/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	67000	...	...	67000	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WISCONSIN-other report - submitted	-	Chippewa		Farm	Chippewa County	45.0391	-91.298	21/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	56500	...	...	56500	...			
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 18	45.0467	-95.1009	21/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	43000	...	...	43000	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WISCONSIN-other report - submitted	-	Jefferson		Farm	Jefferson County 2	42.9231	-88.9103	21/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1031250	...	...	1031250	...			
Affected Population	A commercial chicken layer flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NORTH DAKOTA-other report - submitted	-	LaMoure		Farm	LaMoure County	46.4289	-98.5654	22/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	71520	...	...	71520	...			
Affected Population	A commercial turkey and chicken flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA-other report - submitted	-	Stearns		Farm	Stearns County 10	45.5143	-94.7943	22/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	27000	...	...	27000	...			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Follow-up report No.: 15, Report reference: , OIE Ref: 17688, Report Date: 08/05/2015, Country: United States of America

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA- (this report - submitted)	-	Chippewa		Farm	Chippewa County	44.9931	-95.5435	22/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	65000	...	...	65000	0			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
IOWA- (this report - submitted)	-	Osceola		Farm	Osceola County 2	43.2756	-95.8369	22/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	260000	...	...	...	...
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)	-	Steele		Farm	Steele County	44.0149	-93.2392	23/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	82900	...	...	82900	0			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA- (this report - submitted)	-	Kandiyohi		Farm	Kandiyohi County 21	45.2122	-95.0963	23/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	8400	...	...	8400	0			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
IOWA- (this report - submitted)	-	O'Brien		Farm	O'Brien County	43.0676	-95.6398	23/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	240000	...	...	...	...
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 20	45.0621	-95.078	23/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	51000	...	...	51000	0			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WISCONSIN-other report - submitted	-	Barron		Farm	Barron County 2	45.2551	-92.0838	23/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	83400	...	...	83400	...			
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:
IOWA- (this report - submitted)	-	O'Brien		Farm	O'Brien County 2	42.939	-95.8089	23/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	98040	...	...	...	...
Affected Population	A commercial chicken layer flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
IOWA-other report - submitted	-	Sioux		Farm	Sioux County	43.0624	-96.1706	24/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	17000000	...	...	...	...
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 22	45.2044	-94.9933	24/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	32200	...	...	32200	0			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA- (this report - submitted)	-	Stearns		Farm	Stearns County 11	45.6558	-94.8808	24/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	19200	...	...	19200	0			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KENTUCKY- (this report - submitted)	-	McCracken		Not applicable	McCracken County	36.9787	-88.766	24/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Ring-necked Duck: Anatidae (Aythya collaris)	Animals	...	...	...	...	...
Affected Population	Wild bird surveillance.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MINNESOTA- (this report - submitted)	-	Swift		Farm	Swift County 3	45.3812	-96.0775	24/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	18000	...	...	18000	0			
Affected Population	A commercial turkey flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KENTUCKY- (this report - submitted)	-	McCracken		Not applicable	McCracken County	37.0381	-88.68888	24/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Snow Goose: Anatidae (Anser caerulescens)	Animals	...	...	...	...	...

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
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			
IOWA- (this report - submitted)	-	Sioux		Farm	Sioux County 2	42.9346	-96.4726	24/04/2015	
Birds	Animals	3660000	...	...	...	...	...
Affected Population	A commercial chicken layer flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
IOWA- (this report - submitted)	-	Kossuth		Farm	Kossuth County	43.1507	-94.2089	25/04/2015	
Birds	Animals	18800	...	...	...	...	...
Affected Population	A commercial chicken layer flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
MINNESOTA- (this report - submitted)	-	Kandiyohi		Farm	Kandiyohi County 23	45.1489	-94.9389	25/04/2015	
Birds	Animals	4200	...	...	4200	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			
MINNESOTA- (this report - submitted)	-	Stearns		Farm	Stearns County 12	45.4341	-94.1952	26/04/2015	
Birds	Animals	202530	...	...	...	...	...
Affected Population	A commercial chicken layer flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
MINNESOTA- (this report - submitted)	-	Kandiyohi		Farm	Kandiyohi County 24	45.1432	-95.0993	26/04/2015	
Birds	Animals	13200	...	...	13200	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			
IOWA- (this report - submitted)	-	Buena Vista		Farm	Buena Vista County 2	42.5726	-95.3671	26/04/2015	
Birds	Animals	41000	...	...	...	...	...
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			
IOWA- (this report - submitted)	-	Buena Vista		Farm	Buena Vista County 3	42.8916	-95.362	27/04/2015	
Birds	Animals	40800	...	...	...	...	...

Follow-up report No.: 15, Report reference: , OIE Ref: 17688, Report Date: 08/05/2015, Country: United States of America

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 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- (this report - submitted)	-	Kandiyohi		Farm	Kandiyohi County 25	45.1923	-95.065	27/04/2015	
Birds	Animals	11200	...	...	11200	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			
WISCONSIN- (this report - submitted)	-	Barron		Farm	Barron County 3	45.6087	-92.1212	27/04/2015	
Birds	Animals	96500	...	...	96500	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			
IOWA- (this report - submitted)	-	Buena Vista		Farm	Buena Vista County 4	42.8854	-94.9508	27/04/2015	
Birds	Animals	59300	...	...	...	...
Affected Population	A commercial chicken layer flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
IOWA- (this report - submitted)	-	Buena Vista		Farm	Buena Vista County 5	42.573	-94.9352	27/04/2015	
Birds	Animals	5637400	...	...	...	...
Affected Population	A commercial chicken layer flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
IOWA- (this report - submitted)	-	Pocahontas		Farm	Pocahontas County	42.7239	-94.6783	28/04/2015	
Birds	Animals	16800	...	...	...	...
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- (this report - submitted)	-	Stearns		Farm	Stearns County 14	45.5273	-94.8316	28/04/2015	
Birds	Animals	20500	...	...	20500	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			
IOWA- (this report - submitted)	-	Clay		Farm	Clay County	43.0653	-95.1577	28/04/2015	
Birds	Animals	93000	...	...	...	...

Follow-up report No.: 15, Report reference: , OIE Ref: 17688, Report Date: 08/05/2015, Country: United States of America

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 commercial chicken layer flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
MINNESOTA- (this report - submitted)	-	Otter Tail		Farm	Otter Tail County 3	46.5904	-96.2121	28/04/2015	
Birds	Animals	36400	...	...	36400	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			
MINNESOTA- (this report - submitted)	-	Stearns		Farm	Stearns County 13	45.4603	-94.6752	28/04/2015	
Birds	Animals	14800	...	...	14800	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			
IOWA- (this report - submitted)	-	Sioux		Farm	Sioux County 3	43.2344	-96.4552	29/04/2015	
Birds	Animals	165174	...	...	...	...
Affected Population	A commercial chicken layer flock.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
MINNESOTA- (this report - submitted)	-	Yellow Medicine		Not applicable	Yellow Medicine County	44.7097	-95.8504	29/04/2015	
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:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
IOWA- (this report - submitted)	-	Buena Vista		Farm	Buena Vista County 6	42.6798	-95.3372	29/04/2015	
Birds	Animals	29700	...	...	...	...
Affected Population	A commercial turkey flock.								

Outbreak summary: Total outbreaks = 138 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Northern Pintail					
Birds	37688968	146	24765	4193224	0
Mallard					
Peregrin falcon					
Red-tailed hawk					
Cooper's Hawk					
Northern Shoveler					
Great Horned owl					

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wood Duck					
Canada Goose					
Gyr Falcon					
Snow Goose					
Ring-necked Duck					

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	01/05/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	01/05/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	30/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	virus sequencing	30/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	virus sequencing	29/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	29/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	28/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	virus sequencing	28/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	virus sequencing	27/04/2015	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	27/04/2015	Positive

Future Reporting

Follow-up report No.: 15, Report reference: , OIE Ref: 17688, Report Date: 08/05/2015, Country: United States of America

Outbreak maps

