

Follow-up report No.22

Report reference: , Reference OIE : 25084, Report Date : 23/10/2017, Country : Russia

Report Summary

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		Date submitted to OIE	23/10/2017

Animal type	Terrestrial	Date of report	23/10/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	02/12/2016
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	06/12/2016
Serotype(s)	H5N8	Date of last occurrence	07/11/2016
Reason	Recurrence of a listed disease	Diagnosis	Laboratory (basic), Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 34, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ASTRAKHANSKAYA OBLAST-other report - submitted	-	Kharablinsky		Farm	Kharablinskaya	47.4258	47.2987	02/12/2016	03/03/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	649226	7136	7136	642090	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KRASNODARSKIY KRAY-other report - submitted	-	Krasnoarmejsky		Backyard	Cheburgol'skaya	45.558	38.0876	08/12/2016	20/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	86	74	74	12	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KRASNODARSKIY KRAY-other report - submitted	-	Krymsky		Farm	Kuvichinsky	45.0594	38.197	26/12/2016	01/02/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	5478	793	793	4685	0			
Affected Population	geese and ducks								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ROSTOVSKAYA OBLAST-other report - submitted	-	Krasnosulinsky		Farm	Yevrodon 10	47.843767	40.050887	27/12/2016	16/03/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	161368	755	755	160613	0			
Affected Population	turkeys								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ROSTOVSKAYA OBLAST-other report - submitted	-	Oktyabr'sky		Farm	Yevrodon 2	47.6845	40.1335	27/12/2016	16/03/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	60120	1174	1174	58946	0			
Affected Population	turkeys								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CHECHENSKAYA RESPUBLIKA-other report - submitted	-	Gudermessky		Backyard	Ojskhara	43.2628	46.2498	08/01/2017	22/02/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	80	79	79	1	0			
Affected Population	chickens								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MOSKOVSKAYA OBLAST-other report - submitted	-	Sergievo-Posadsky		Farm	Smena	56.354465	38.207777	28/02/2017	13/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	218521	12796	12796	205725	0			
Affected Population	chickens								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MOSKOVSKAYA OBLAST-other report - submitted	-	Mozhajsky		Backyard	Porech'e	55.709807	35.552279	03/03/2017	17/05/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	38	34	34	4	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MOSKOVSKAYA OBLAST-other report - submitted	-	Orehovo-Zuevsky		Backyard	Gubino	55.69912	39.117204	03/03/2017	29/05/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	23	12	12	11	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MOSKOVSKAYA OBLAST-other report - submitted	-	Orehovo-Zuevsky		Backyard	Teren'kovo	55.600613	38.963806	03/03/2017	29/05/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	28	11	11	17	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MOSKOVSKAYA OBLAST-other report - submitted	-	Orekhovo-Zuevsky		Backyard	Kurovskoe	55.57914	38.92087	04/03/2017	29/05/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	62	33	33	29	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MOSKOVSKAYA OBLAST-other report - submitted	-	Shchelkovsky		Farm	Orlovskoe	55.95316	38.201871	04/03/2017	21/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	227136	3962	3962	223174	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MOSKOVSKAYA OBLAST-other report - submitted	-	Pushkinsky		Backyard	Pushkino	56.017533	37.850024	06/03/2017	16/05/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	94	94	58	36	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MOSKOVSKAYA OBLAST-other report - submitted	-	Pavlovo-Posadsky		Backyard	Krupino	55.6304	38.726395	10/03/2017	08/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	11	1	1	10	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MOSKOVSKAYA OBLAST-other report - submitted	-	Lotoshinsky		Backyard	Ushakovo	56.194559	35.667141	12/04/2017	16/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	40	15	15	25	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ROSTOVSKAYA OBLAST-other report - submitted	-	Oktyabr'sky		Farm	Markinskaya	47.696114	40.323472	13/04/2017	19/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	299074	63999	63999	235075	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ROSTOVSKAYA OBLAST-other report - submitted	-	Oktyabr'sky		Farm	Yevrodon-Yug 7	47.677788	40.361989	16/04/2017	07/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	99350	60	0	99350	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ROSTOVSKAYA OBLAST-other report - submitted	-	Oktyabr'sky		Farm	Yevrodon-Yug 5	47.733307	40.381033	21/04/2017	07/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	249200	6323	6323	242877	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ROSTOVSKAYA OBLAST-other report - submitted	-	Oktyabr'sky		Farm	Yevrodon UP-2	47.69371	40.394167	21/04/2017	07/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	99524	1900	1900	97624	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MOSKOVSAYA OBLAST-other report - submitted	-	Noginsky		Backyard	Pochinki	55.915033	38.442102	22/04/2017	07/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	13	13	13	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
RESPUBLIKA TATARSTAN-other report - submitted	-			Backyard	Derbyshki	55.876384	49.231877	02/05/2017	06/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	175	161	124	51	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
RESPUBLIKA TATARSTAN-other report - submitted	-	Laishevsky		Farm	Laishevsky	55.50256	49.58835	03/05/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	528500	130000	100000	428500	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
RESPUBLIKA TATARSTAN-other report - submitted	-	Tyulachinsky		Backyard	Petrovsky	55.805695	50.335947	04/05/2017	01/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	51	13	13	38	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
RESPUBLIKA TATARSTAN-other report - submitted	-	Nurlatsky		Village	Nizhny Nurlat	54.3987	50.7942	06/05/2017	06/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	47	47	47	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
RESPUBLIKA TATARSTAN-other report - submitted	-	Nurlatsky		Backyard	Chuvashckaya Mencha	54.46743	50.733	06/05/2017	06/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	470	470	470	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
RESPUBLIKA TATARSTAN-other report - submitted	-	Yutazinsky		Backyard	Absalyamovo	54.5694	53.4194	09/05/2017	06/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	350	350	330	20	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
RESPUBLIKA TATARSTAN-other report - submitted	-	Rybno-Slobodsky		Backyard	Shumkovo	55.58256	50.0596	10/05/2017	06/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	60	60	60	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
RESPUBLIKA MARIY-EL-other report - submitted	-	Zvenigovsky		Not applicable	Suslonger	56.31	48.258	11/05/2017	09/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	40	40	40	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
SAMARSKAYA OBLAST-other report - submitted	-	Chelno-Vershinsky		Village	Krasnaya gorka	54.308222	51.143777	11/05/2017	23/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	70	24	12	58	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
NIZHEGORODSKAYA OBLAST-other report - submitted	-	Bol'sheboldinsky		Backyard	Pikshen'	54.982959	45.374771	12/05/2017	30/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	1856	170	122	1734	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
RESPUBLIKA MARIY-EL-other report - submitted	-	Medvedevsky		Backyard	Dorozhyy	56.679643	47.902547	17/05/2017	19/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	30	20	20	10	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
UDMURTSKAYA RESPUBLIKA-other report - submitted	-	Malopurginsky		Backyard	Malaya Purga	56.552667	52.998192	18/05/2017	22/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	144	30	16	96	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
MOSKOVSKAYA OBLAST-other report - submitted	-	Orehovo-Zuevsky		Backyard	Kurovskoe	55.578287	38.919265	03/08/2017	29/09/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	64	21	21	43	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
ROSTOVSKAYA OBLAST- (this report - submitted)	-	Morozovsky		Village	Chertkovskaya	47.876708	41.991182	20/10/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	1919	27	27			
Affected Population									

Outbreak summary: Total outbreaks = 34 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
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Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Birds	2603248	230697	200470	2400854	0

Epidemiology

Epidemiological comments

The comparative analysis of the obtained nucleotide sequence of the H gene fragment revealed that the isolates belong to an Asian genetic lineage of highly pathogenic avian influenza (lineage A/Gs/Guangdong/96, Clade 2.3.4.4.). Based on the H gene fragment the avian influenza A virus (H5) sequences were isolated in several RF Subjects in 2016-2017. And the avian influenza A virus (H5) sequences were isolated in South-East Asia in 2013-2014, as well as in Europe and Iran in 2017.

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • movement control inside the country • disinfection / disinfestation • screening • quarantine • official disposal of carcasses, by-products and waste • stamping out • surveillance within containment and/or protection zone • control of wildlife reservoirs 	<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	All-Russian Research Institute for Animal Health (FGBI-ARRIAH)	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	20/10/2017	Positive

Future Reporting

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

Outbreak maps

