

AVIAN INFLUENZA PREVENTION AND EPIDEMIOLOGICAL SURVEILLANCE IN THE KYRGYZ REPUBLIC

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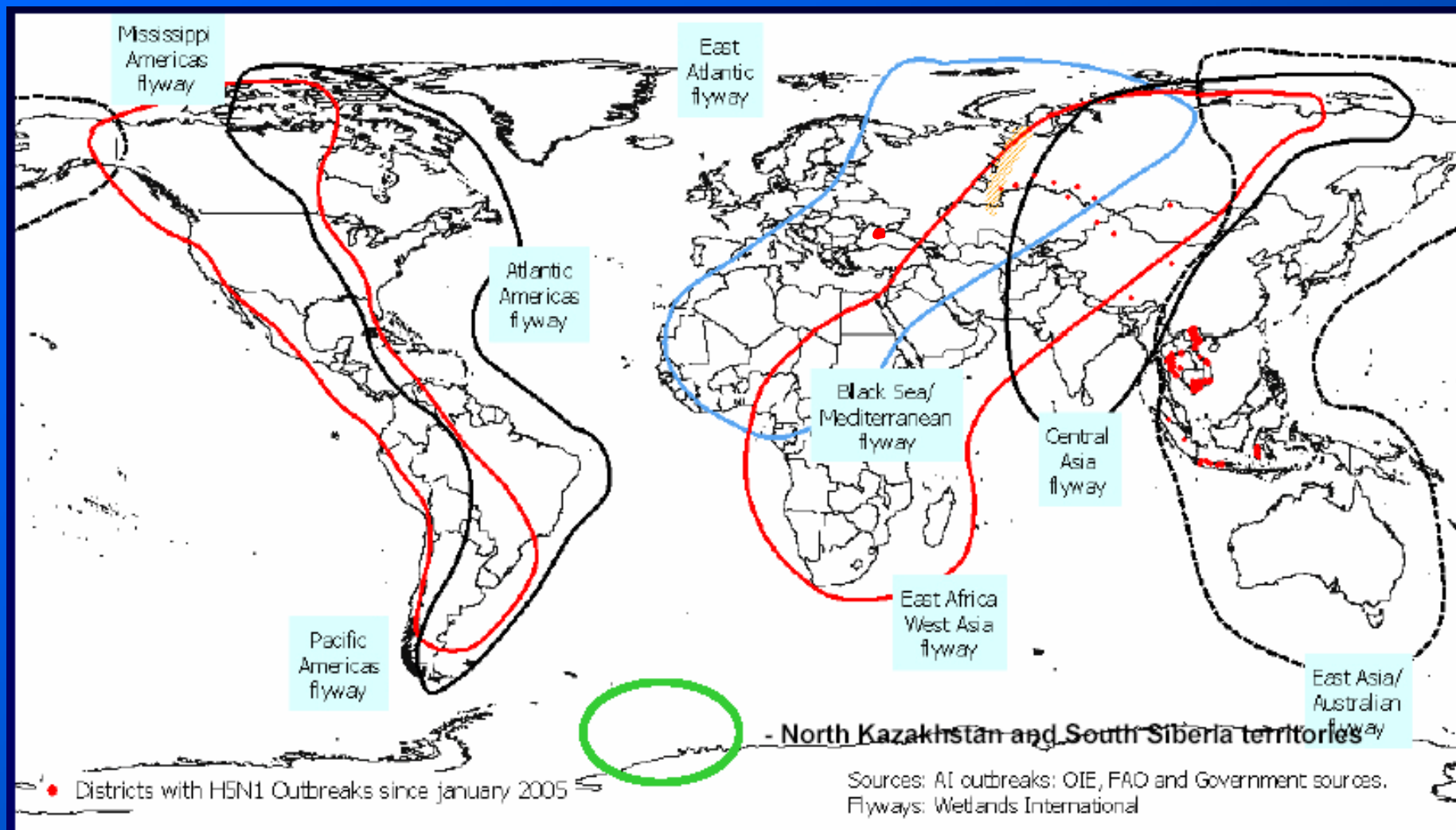
Kyrgyz Republic



Area - 198,500 square km. Population - 5,059,902

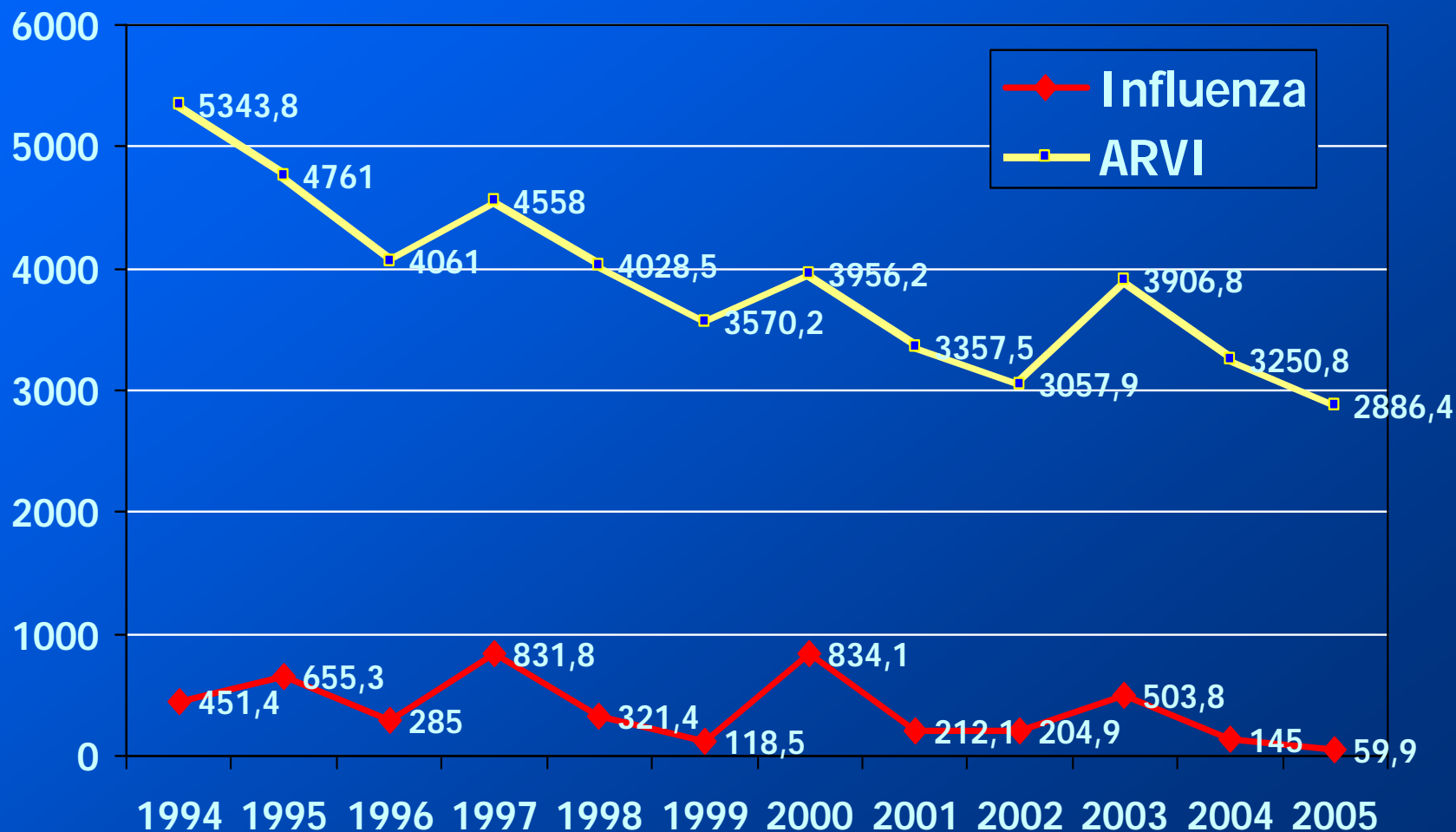
● sites for collecting biological material

Migration routes

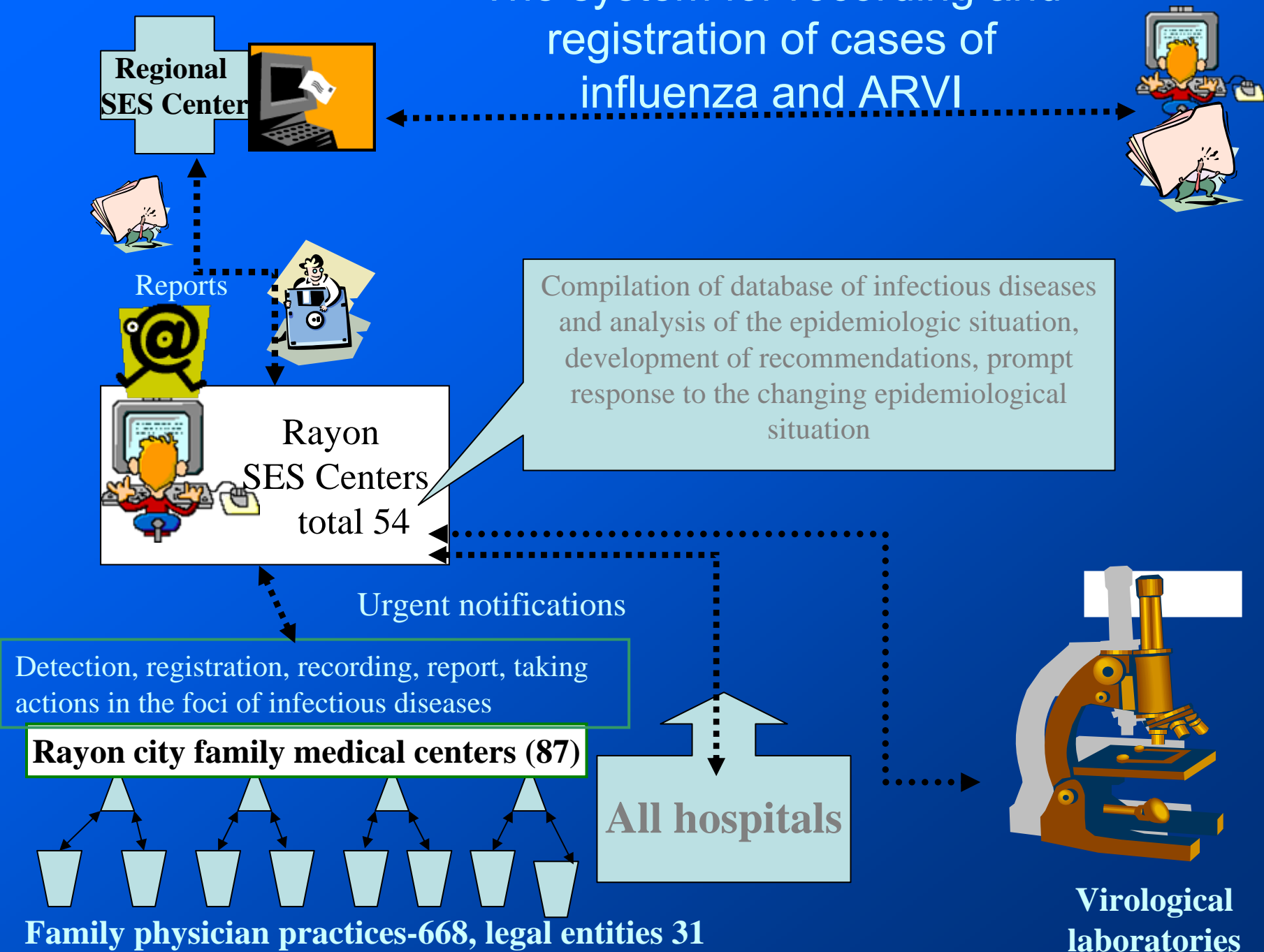


- Kyrgyzstan is situated in the center of the Eurasian continent at the Indo-Asian migration route by which large masses of birds fly from the south of Asia to Western Siberia and back. Furthermore, Kyrgyzstan is a transit area for birds migrating from nesting to wintering places.
- The flyway of aquatic and paludal birds nesting in Kazakhstan, Western Siberia and Altai lies through Kyrgyzstan. Annually 100-200 thousand aquatic and paludal birds stay to winter in Kyrgyzstan.
- The number of birds in their passage is several hundred thousands in the spring and millions in the autumn. Spring migrations of birds occur from February to mid-May and autumn migrations August through November.
- In Kyrgyzstan one of wintering areas of water birds is the ice-free lake Issyk-Kul where up to 80 thousand and more birds gather in the winter. Part of them spread over artificial reservoirs in the Chu Valley during warm winters. During passage birds stop on the lakes of Chatyr-Kul, Son-Kul and in the Talas Valley.

The incidence of influenza and ARVI over years in the population of the Kyrgyz Republic (1994-2005, %/000)



The system for recording and registration of cases of influenza and ARVI



Results of virological screening of the population for influenza (01.01.2005-10.01.2006)

Years	# of tests	Influenza A			Influenza B
		H1N1	H2N2	H3N2	
2005	477	12	2	4	4
2006 10 months	240	0	1	1	1
Total	717	12	3	5	5

Results of serologic survey of the population (hemagglutination inhibition test)

Years	# of tests	Influenza A			Influenza B
		H1N1	H2N2	H3N2	
2005	1024	13	-	8	4
2006 10 months	1232	13	-	17	7
Total	2256	26	-	25	11

Counteraction to the pandemic of highly pathogenic avian influenza in the Kyrgyz Republic

Decree of the Government of the Kyrgyz Republic No. 25 dated 16.01. 2006 “On approval of the National Plan of the Kyrgyz Republic on counteraction to the pandemic of highly pathogenic avian flu” approved the following documents:

- Plan of sanitary-anti-epidemic measures to counteract the pandemic of highly pathogenic avian flu.
- The procedure for communicating warning to health agencies and for conducting urgent organizational activities when quarantine and very dangerous infections are suspected (including avian flu).
- The composition of the republican headquarters under the Ministry of Agriculture on avian flue epidemic counteraction.

- **National Plan of the Kyrgyz Republic on counteraction to the pandemic of highly pathogenic influenza was developed and approved by the Decree of the Government of the Kyrgyz Republic # 25 of 16 January 2006.**
- **The Order of the Ministry of Health of the Kyrgyz Republic #169 of April 5, 2006 on implementation of the National Plan of the Kyrgyz Republic on counteraction to the pandemic of highly pathogenic influenza has been issued and the Avian Influenza Preparedness and Response Plan has been approved.**































Thank you for your attention

Issyk-Kul lake