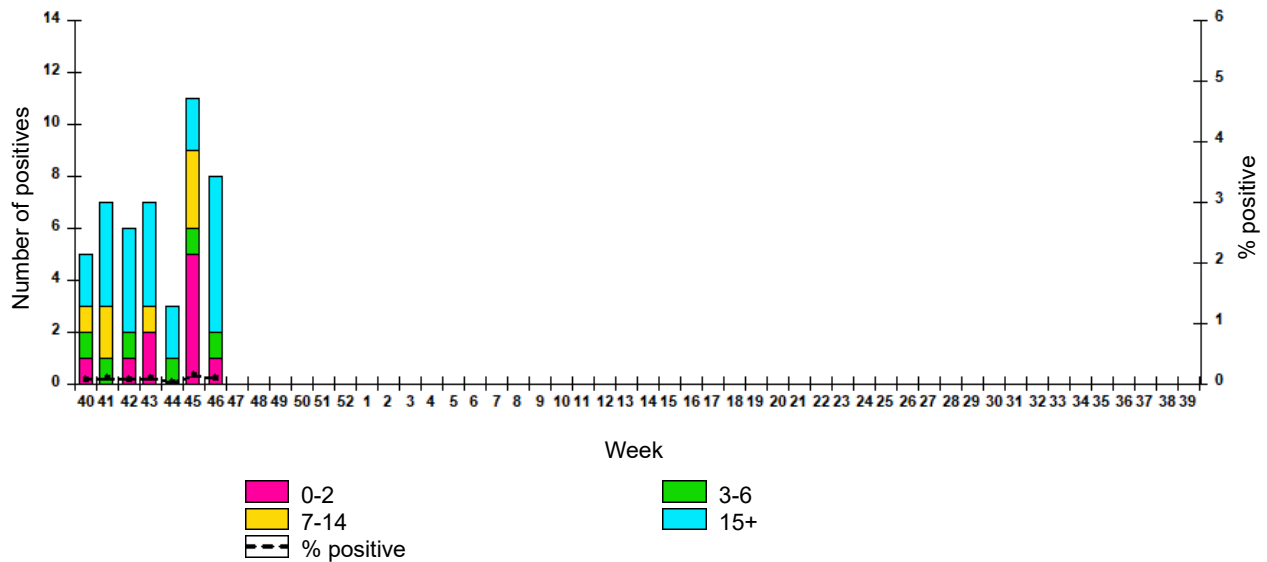


NATIONAL WEEKLY RSV BULLETIN OF THE RUSSIAN FEDERATION

week 46 of 2024 (11.11.24 - 17.11.24)

Non-sentinel surveillance data were received from 34 cities (Arkhangelsk, Vladivostok, Vladimir, Volgograd, Vologda, Voronezh, Ekaterinburg, Kazan, Kaliningrad, Kemerovo, Kirov, Krasnodar, Krasnoyarsk, Moscow, Murmansk, Novosibirsk, Omsk, Orenburg, Penza, Perm, Petrozavodsk, Petropavlovsk, Samara, St. Petersburg, Simferopol, Syktyvkar, Tomsk, Tula, Ulyanovsk, Khabarovsk, Chita, Yuzhno-Sakhalinsk, Yakutsk, and Yaroslavl) located in 7 Federal Districts. A total of 8568 patients with ARVI were tested by PCR for RSV, of which 8 (**0.09%**) were positive. This included 1 (**0.09%**) cases aged 0-2 years, 1 (**0.1%**) case aged 3-6 years and 6 (**0.1%**) cases aged 15 years and older.

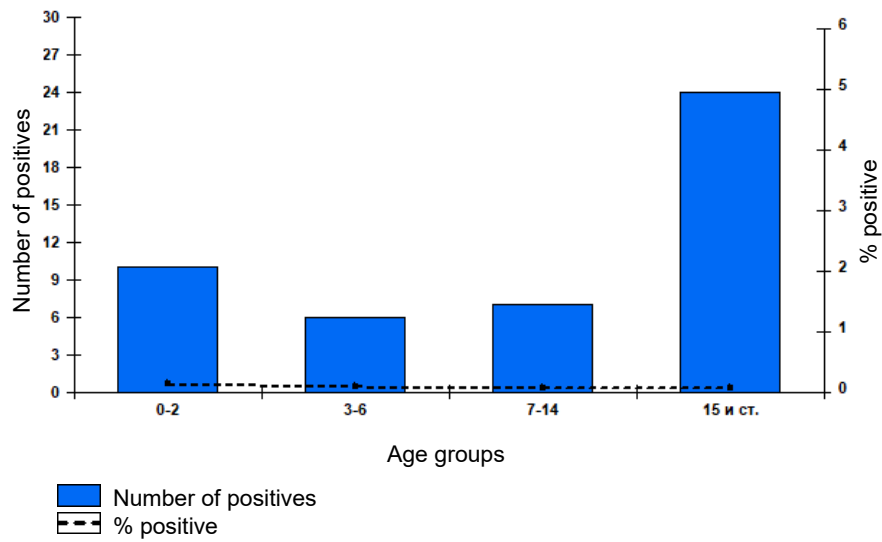
Fig.1. RT-PCR detections of RSV virus by age group and week in Russian cities



PCR testing data for RSV from week 40 of 2024 to week 46 of 2024 showed a total 57511 patients were investigated, including 7018 children aged 0-2 years, 5978 children aged 3-6 years, 9522 children aged 7-14 years and 34993 patients aged 15 years or older. RSV as a cause of acute respiratory infection was more commonly detected among children aged 0-2 years and 3-6 years.

The cumulative detection rate among children aged 0-2 years from week 40 of 2024 to week 46 of 2024 was **0.1%**. Among children aged 3-6 years, the detection rate was **0.1%**, among children aged 7-14 years - **0.07%**. The RSV detection rate among patients aged 15 years or older was **0.07%**.

Fig. 2. Cumulative number and percentage of patients positive for RSV by age group in Russian cities, week 40 of 2024 to week 46 of 2024



In the period from week 40 of 2024 to week 46 of 2024, RSV was detected in all weeks. The average RSV detection rate was approximately **0.08%**. The highest weekly detection rate of approximately **0.09%** was reported on weeks 41 and 43 2024.