

Written by Administrator

Wednesday, 27 July 2022 12:22 -

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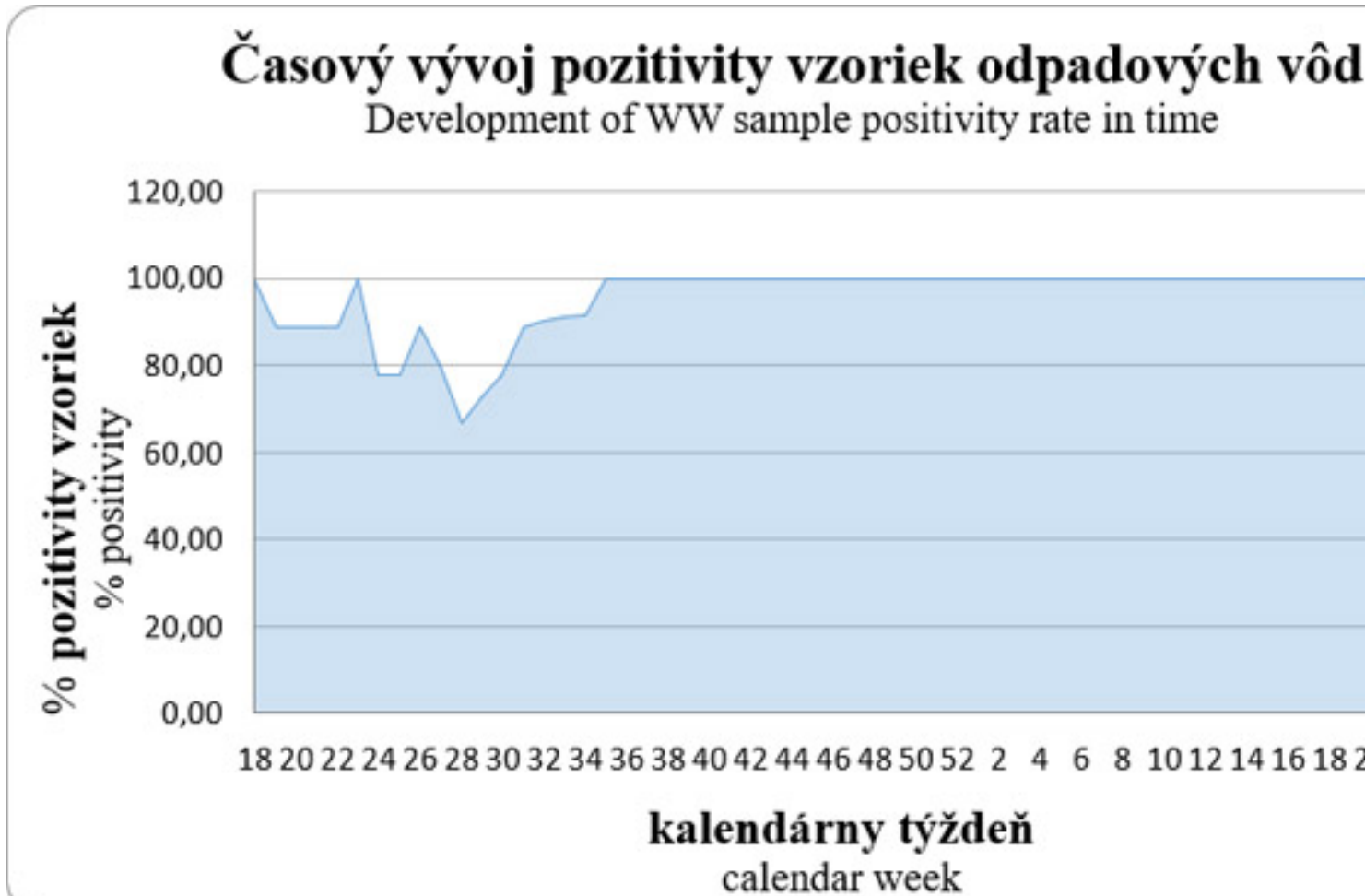
Monitoring of wastewater in the Slovak Republic for the presence of SARS-CoV-2 virus was launched on 02.05. 2021 (i.e. 18th calendar week) and it is performed regularly on a weekly basis in each region of the Slovak Republic. From January 2022, we gradually started the second phase of the wastewater monitoring project, where monitoring is being expanded in several districts. So far, 62 WWTPs have participated in the Slovak Republic.

The presence of virus in wastewater samples is determined by RT-PCR and digital dd-PCR. Samples are taken in cooperation with individual operators of wastewater treatment plants, regional public health authorities and investigated in the NRC at the Public Health Authority of Slovak Republic.

By the 28th calendar week, a total of 1677 samples were examined by a qualitative and quantitative method, of which 1636 (97,56 %) samples were positive or with limit values.

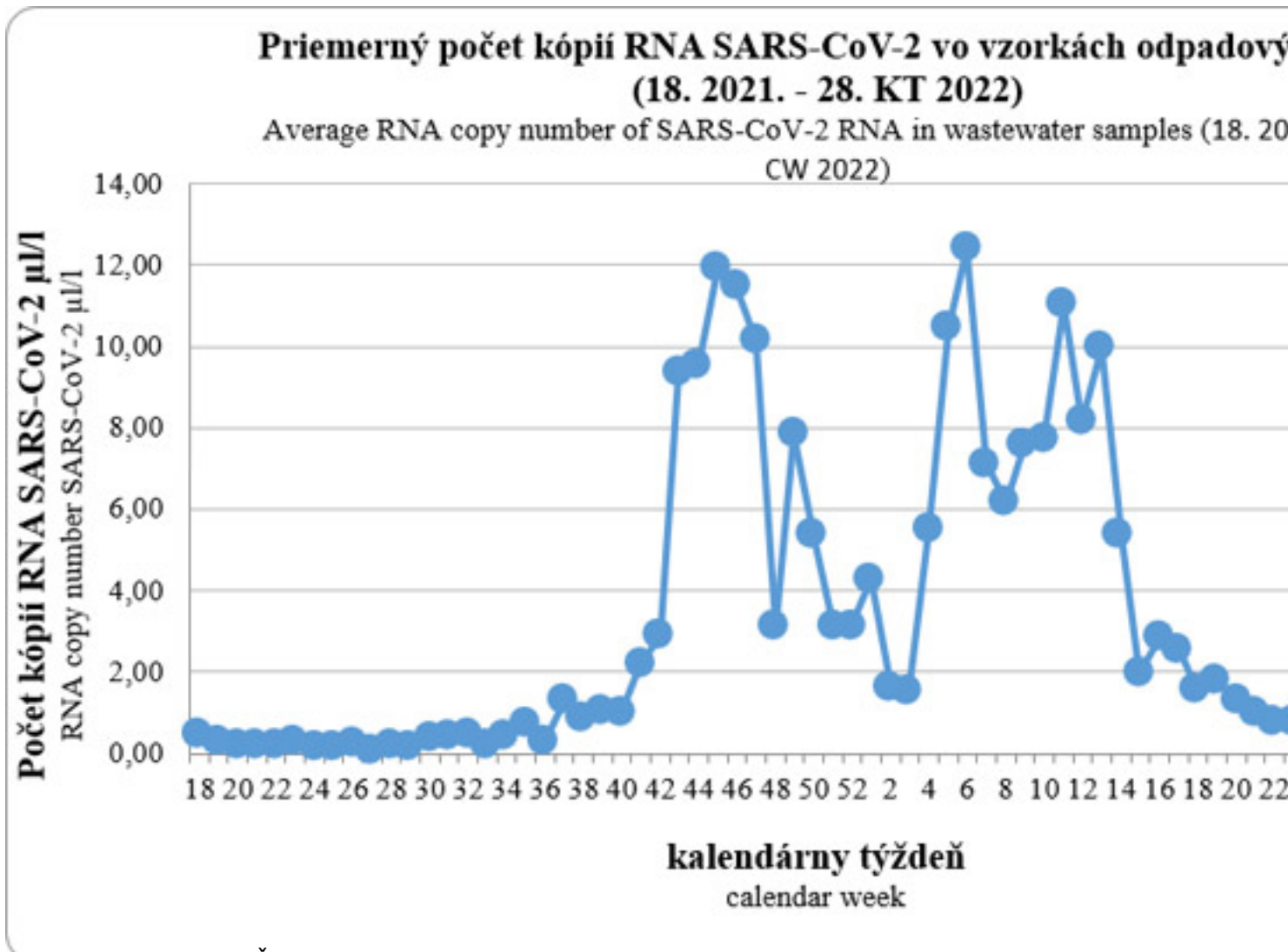
On the 28th calendar week of 2022, the SARS-CoV-2 virus was detected in 59 examined samples.

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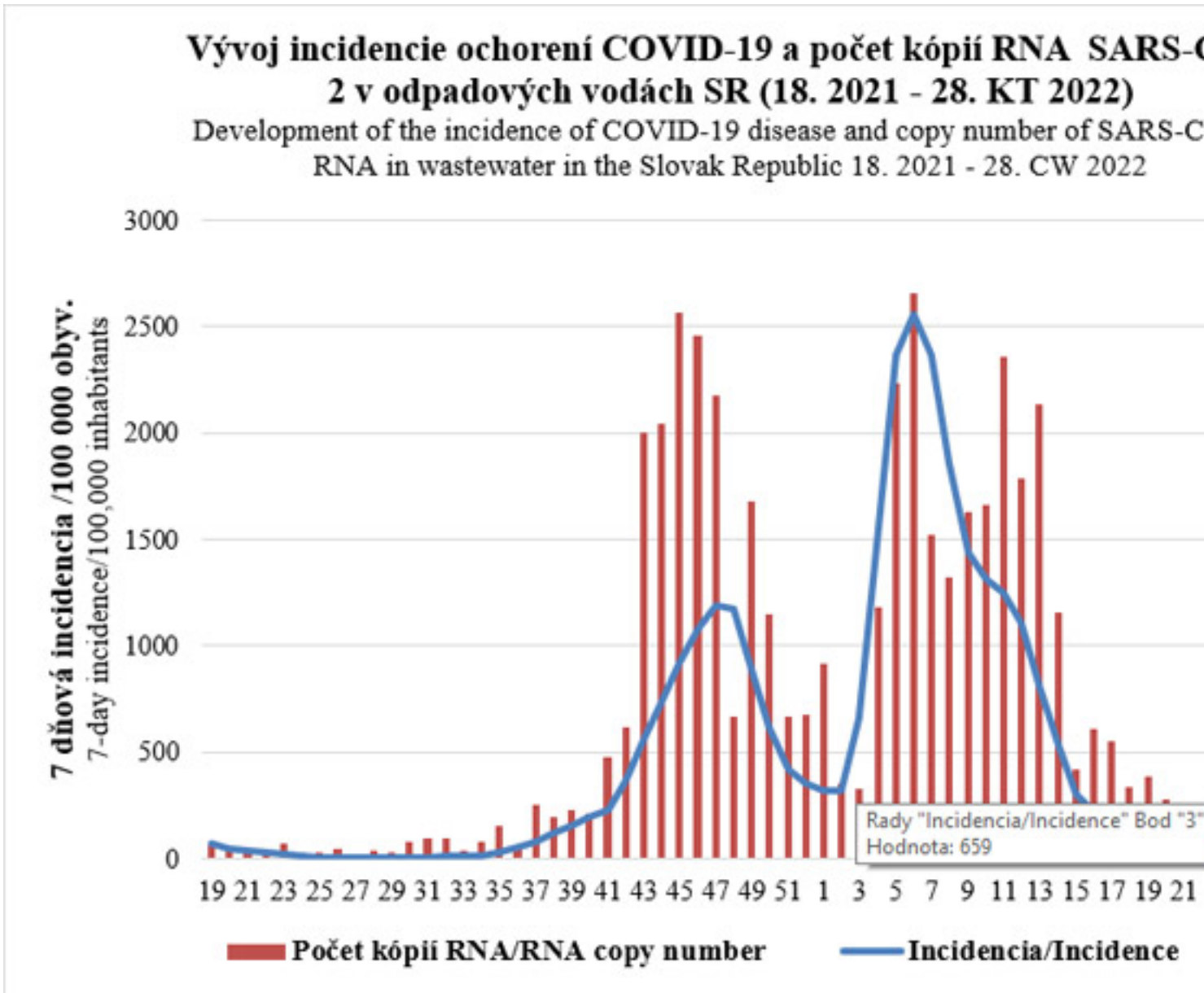
On the 28th of October 2021, we noticed an increase in quantitative tests, which express the copy

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Wastewater monitoring for the presence of SARS-CoV-2 virus in the Slovak Republic – progress on 28th July 2022

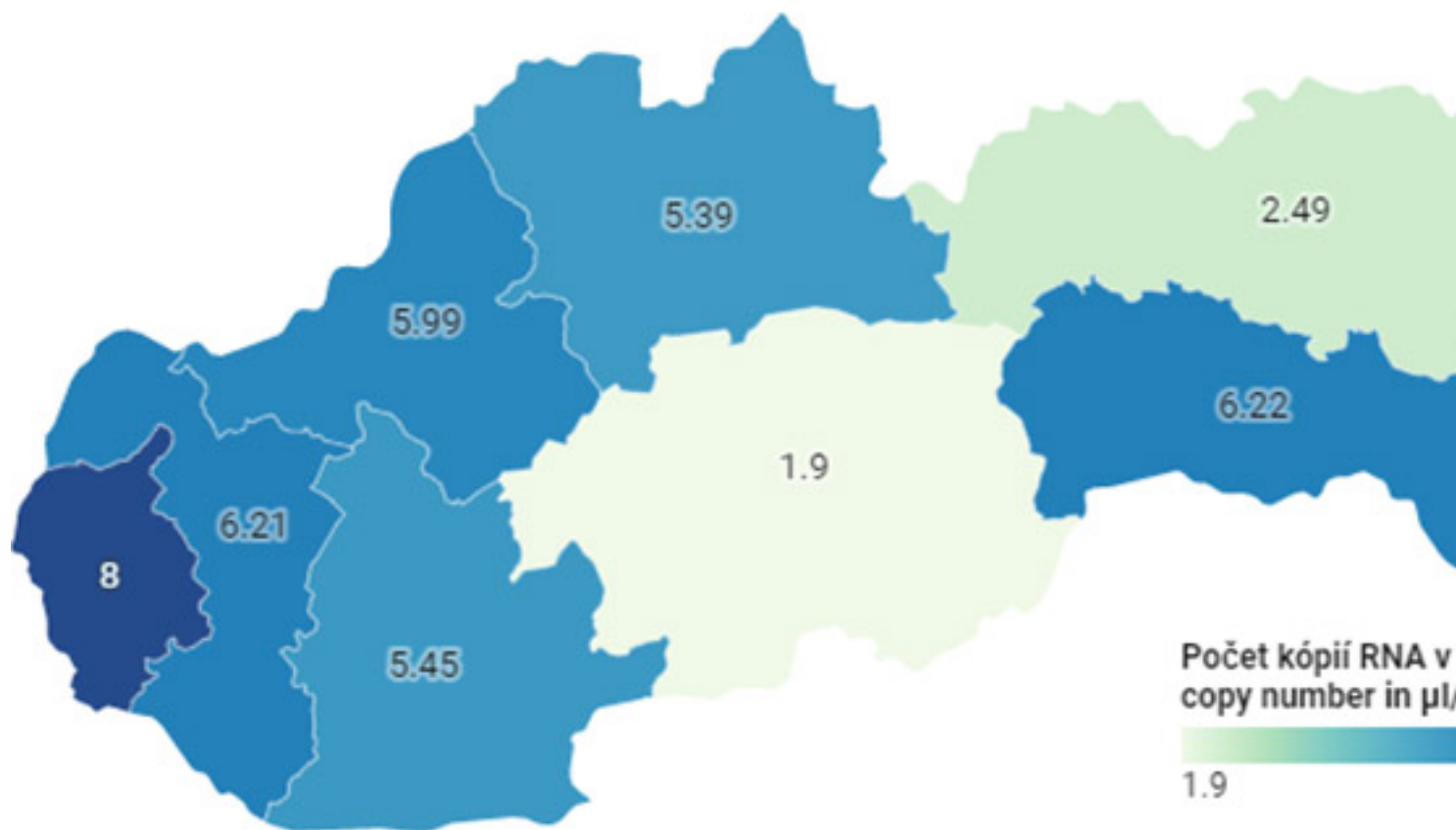
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## SARS-CoV-2 v odpadových vodách v krajoch - 28. KT SARS-CoV-2 in wastewater in regions - 28th week 2022



Analyzované pomocou ddPCR (analyzed by ddPCR  $\mu\text{l/l}$ ); Priemerný počet kópií v SR 5,13  $\mu\text{l/l}$  (average in SR 5,13  $\mu\text{l/l}$ )

Source: NRC pre prevenciu a kontrolu NN, RÚVZ Trenčín, NRC pre mikrobiológiu ŽP ÚVZ SR Bratislava • Get  
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Conclusion with the analysis of the presence of SARS-CoV-2 virus in wastewater in Slovakia