



Wastewater-based epidemiology for SARS-CoV-2 surveillance in South Africa

Report date: 06 Aug 2021

Sample collection dates up to 05 August 2021
(epidemiological week 31)

Centre for Vaccines and Immunology
National Institute for Communicable Diseases



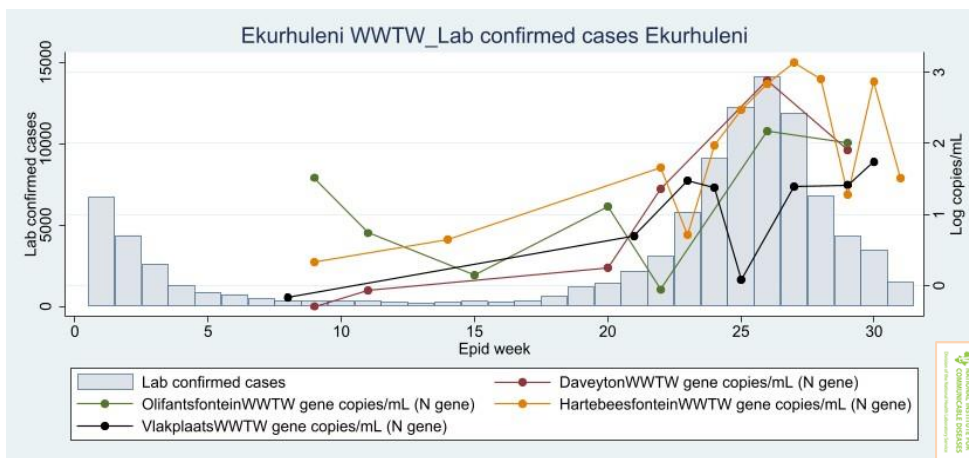
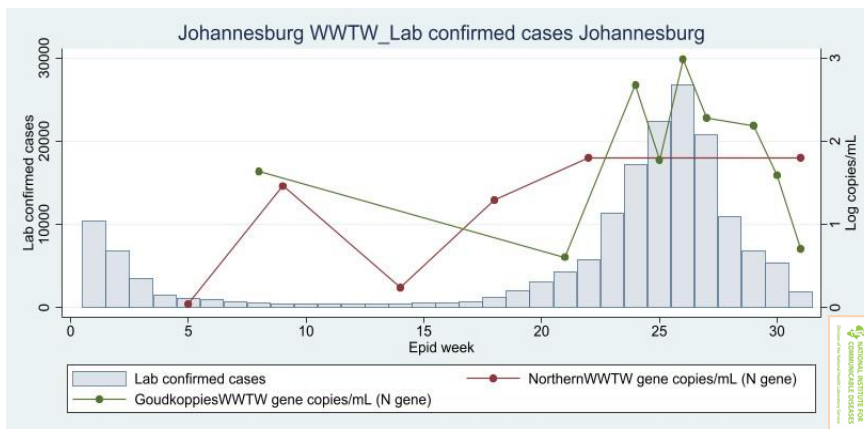
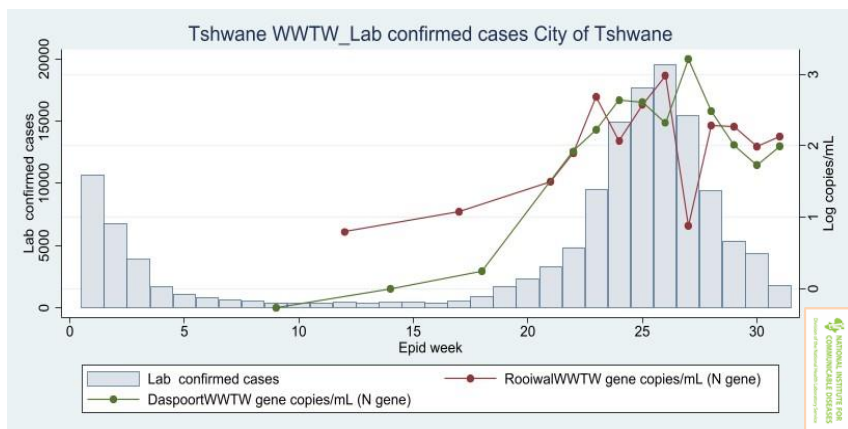
health

Department:
Health
REPUBLIC OF SOUTH AFRICA



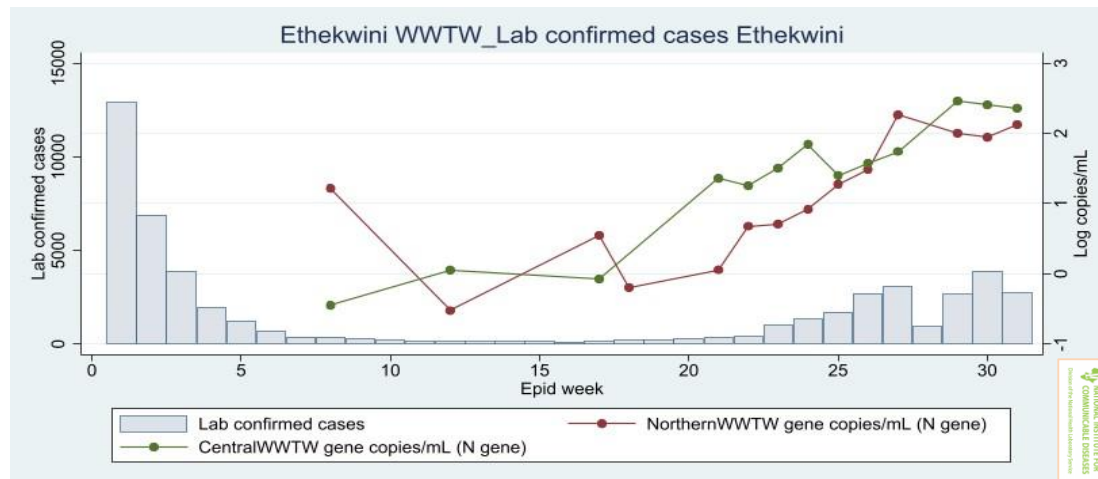
- Wastewater for SARS-CoV-2 surveillance were collected through the South African Collaborative COVID-19 Environmental Surveillance System (SACCESS)
- SARS-CoV2 quantitative results displayed represent a subset of samples collected through the SACCESS network which were tested at the National Institute for Communicable Diseases
- Interpretive note: Wastewater is not considered an infectious source of SARS-CoV-2 transmission.

Gauteng wastewater treatment plants



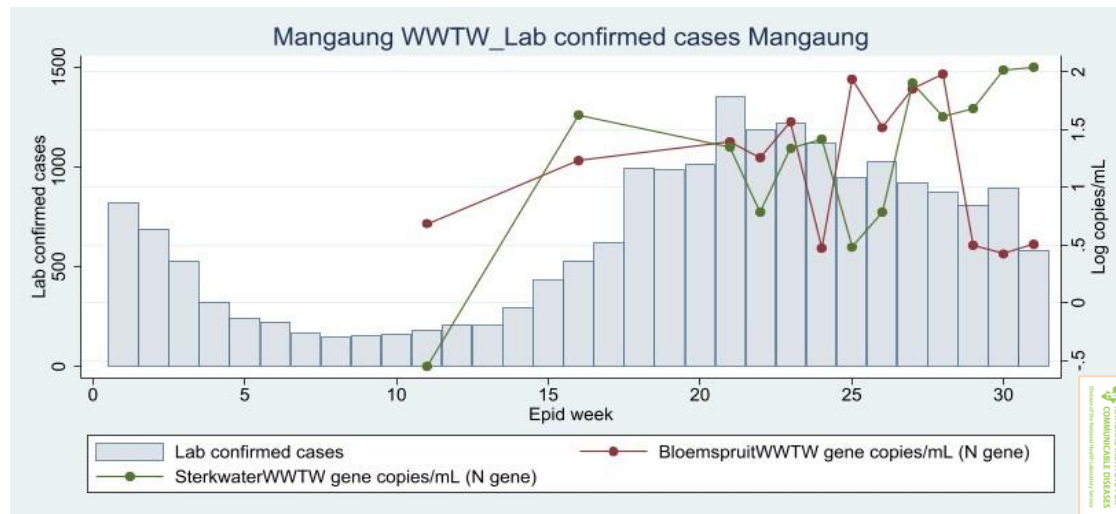
- Bars on the graph represent SARS-CoV-2 detected from clinical cases
- Coloured lines represent SARS-CoV-2 detected from wastewater treatment plants

KZN wastewater treatment plants



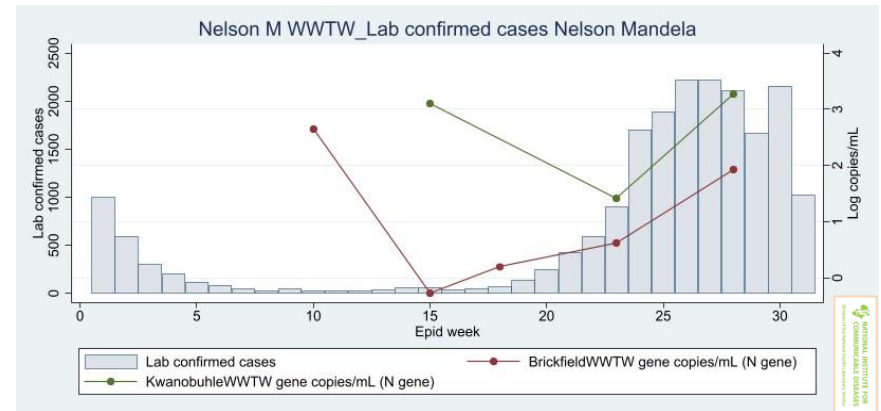
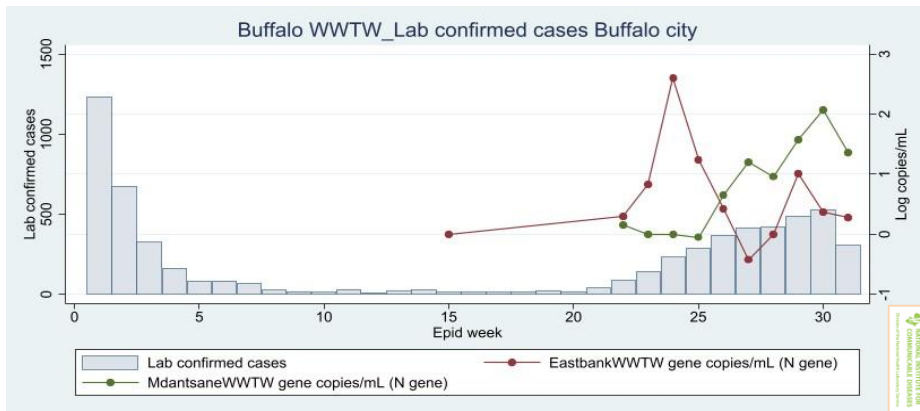
- Bars on the graph represent SARS-CoV-2 detected from clinical cases
- Coloured lines represent SARS-CoV-2 detected from wastewater treatment plants

Free State wastewater treatment plants



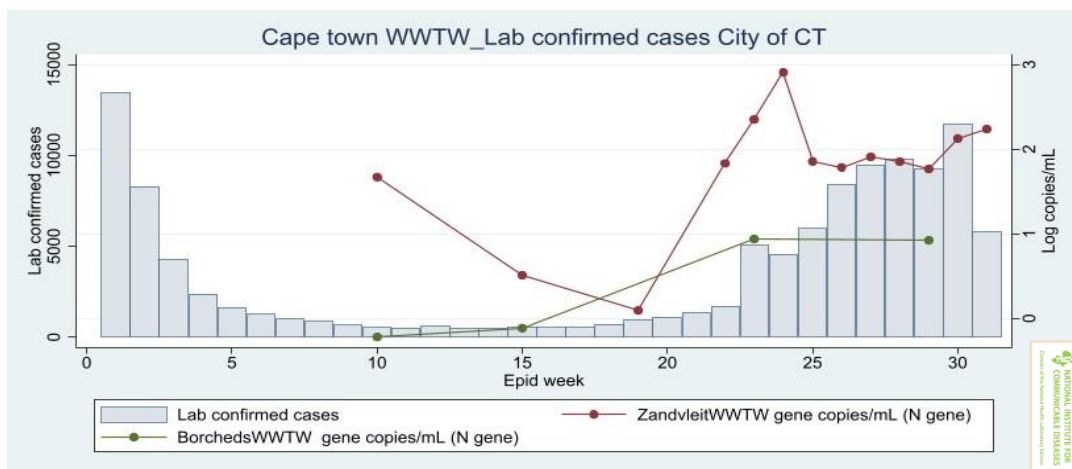
- Bars on the graph represent SARS-CoV-2 detected from clinical cases
- Coloured lines represent SARS-CoV-2 detected from wastewater treatment plants

Eastern Cape wastewater treatment plants



- Bars on the graph represent SARS-CoV-2 detected from clinical cases
- Coloured lines represent SARS-CoV-2 detected from wastewater treatment plants

Western Cape wastewater treatment plants



- Bars on the graph represent SARS-CoV-2 detected from clinical cases
- Coloured lines represent SARS-CoV-2 detected from wastewater treatment plants