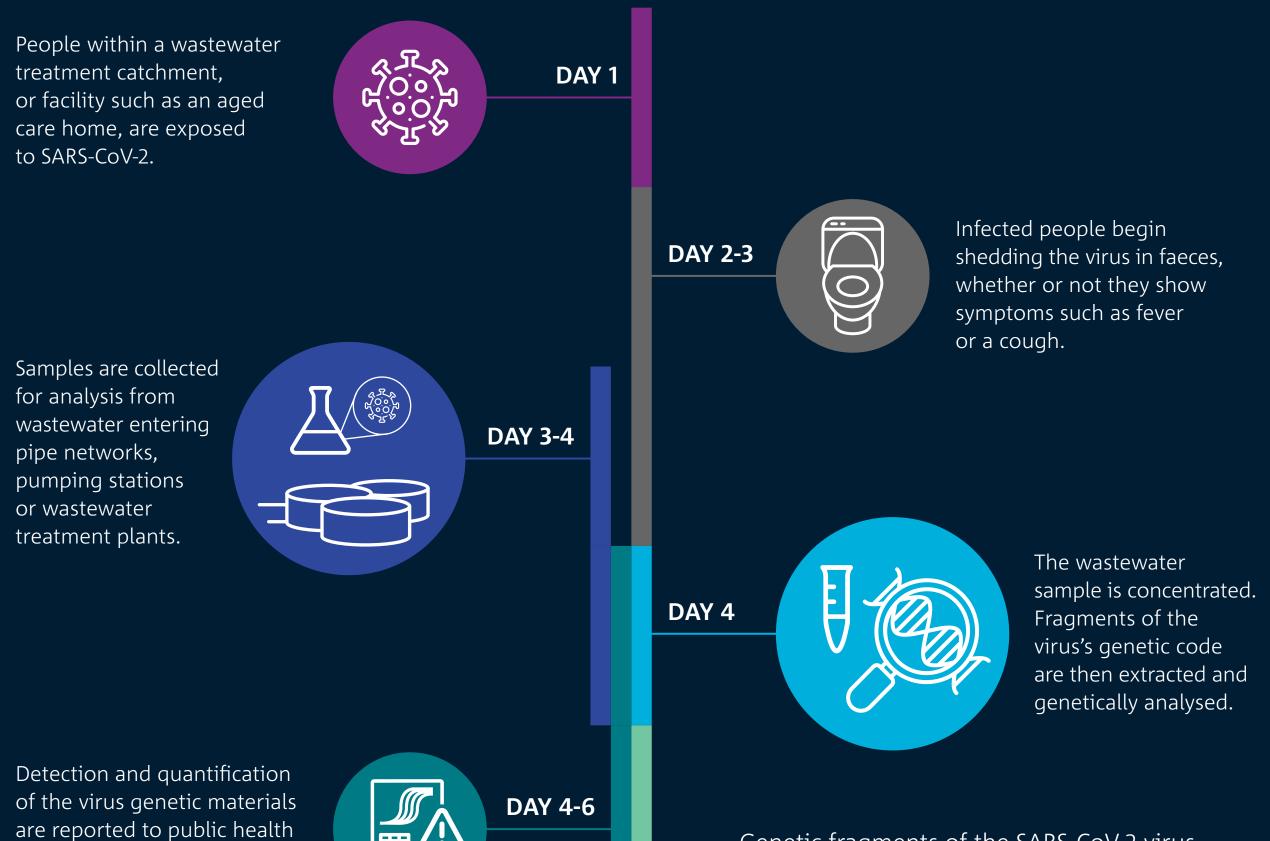


Monitoring sewage for early detection of COVID-19 outbreaks



Genetic fragments of the SARS-CoV-2 virus

officials to support early intervention measures.



People who begin to show symptoms undergo a clinical nasal swab test.



that causes COVID-19 are found in the faeces of infected people.

These fragments, as RNA, can be collected from the wastewater to detect the virus even before symptoms appear.

Researchers are refining wastewater testing for sewage surveillance to support public health management of the pandemic.

This tool can be used in municipal wastewater treatment plants, and facilities such as aged care homes or cruise ships, to give an early warning of the disease through faeces flushed into wastewater systems.