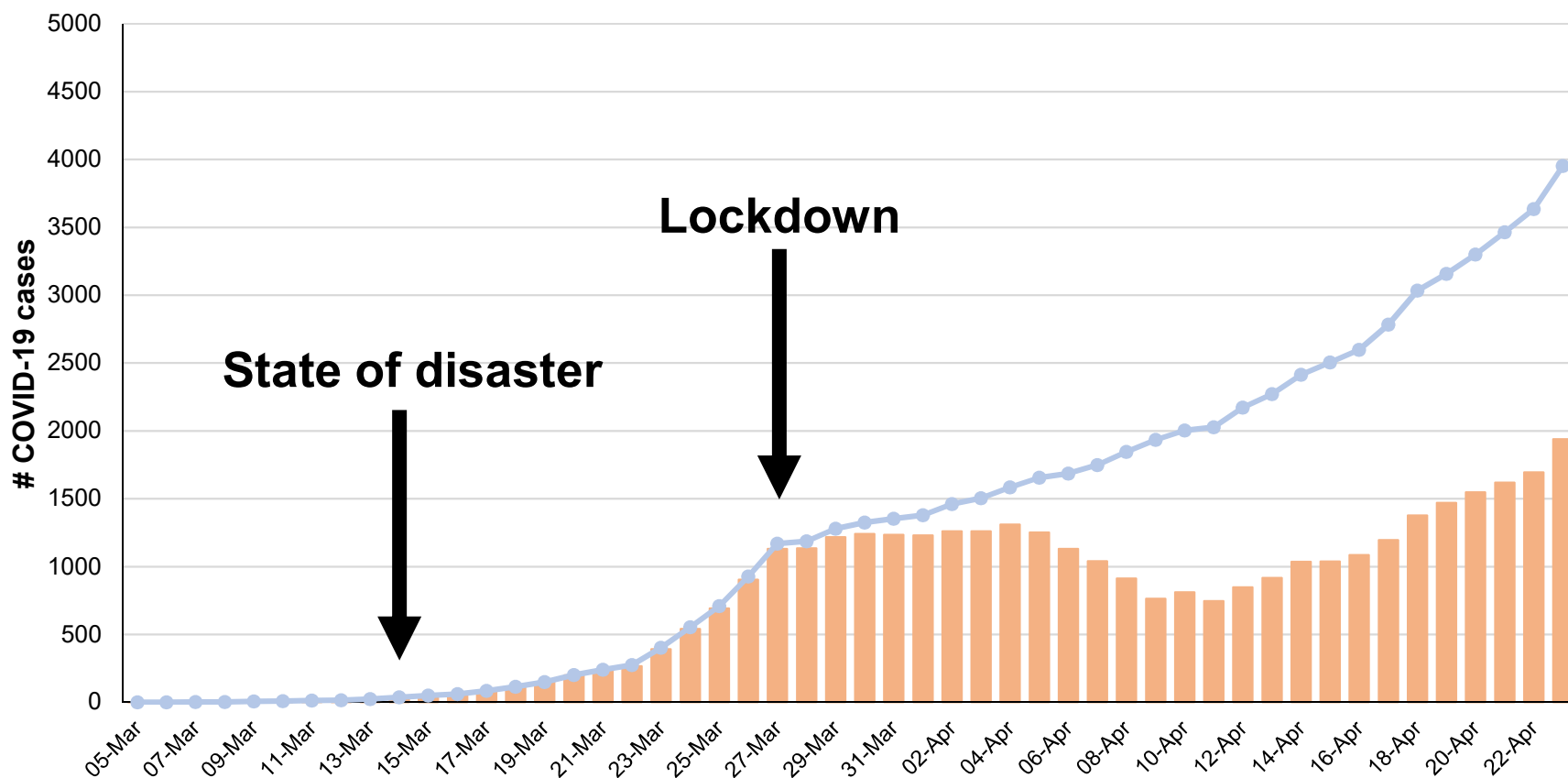


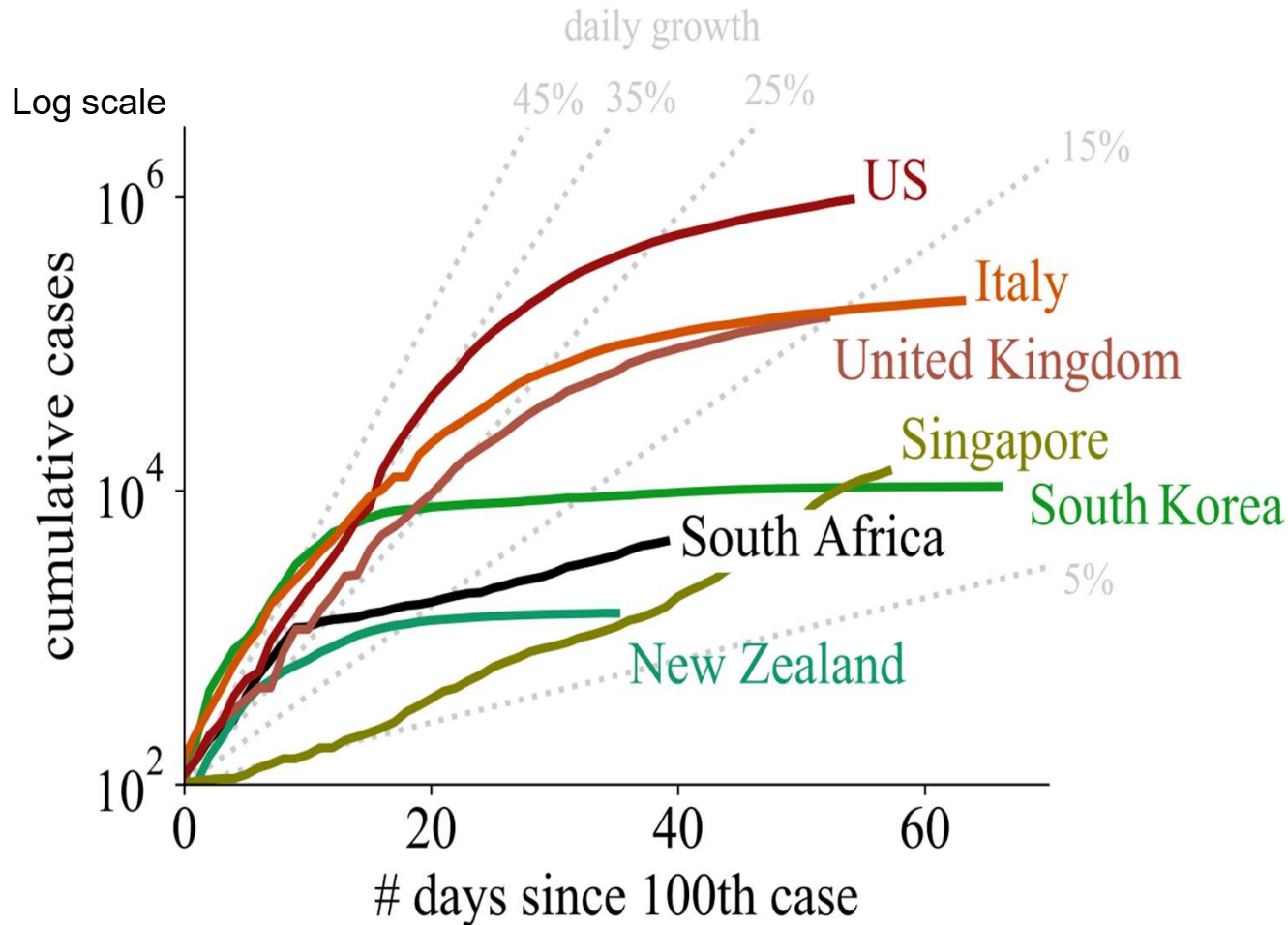
Trends in cases & estimated active cases

Estimated active cases for each day = cumulative infections in last 14 days minus deaths

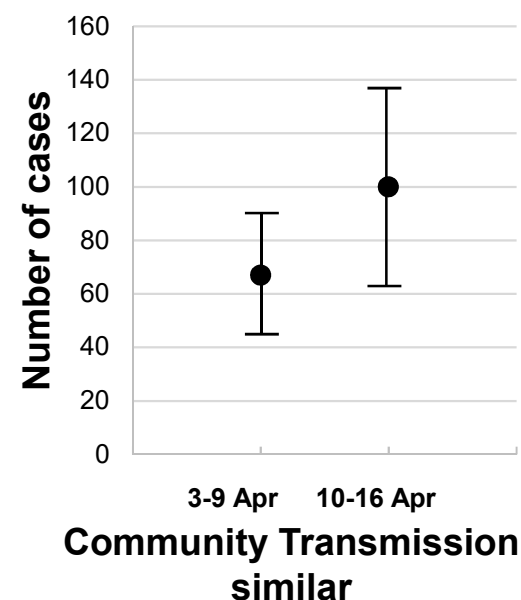
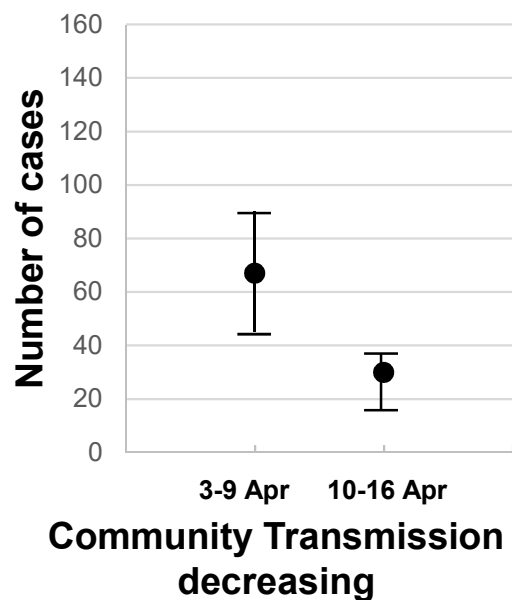
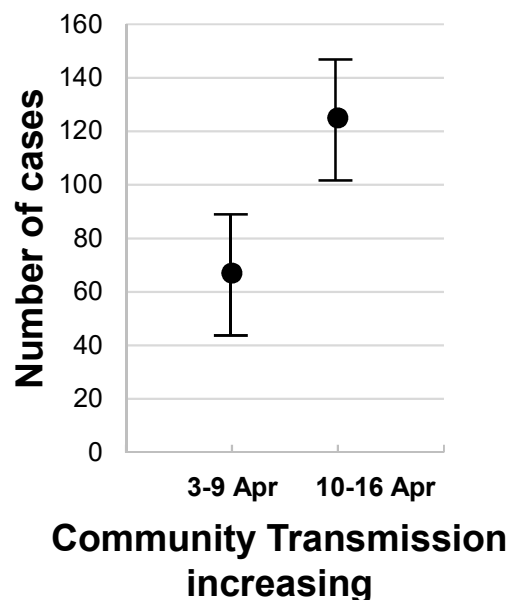


SA's epidemic trajectory – to 27 April

SA compared to countries with the most and least severe advanced epidemics



Can we continue interpreting changes from the daily case numbers? No!



- Previous approach of daily cases with cutoff levels as 45 to 89 was appropriate when the source and number of tests was not changing substantially
- The situation now is very different.....
 - We now need a different approach that is scientifically sound

More cases are expected each week – due to active case-finding

Before 7 April

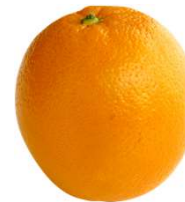
With no house-to-house screening



Tests on patients at
= doctor's rooms & hospitals
(passive case-finding)

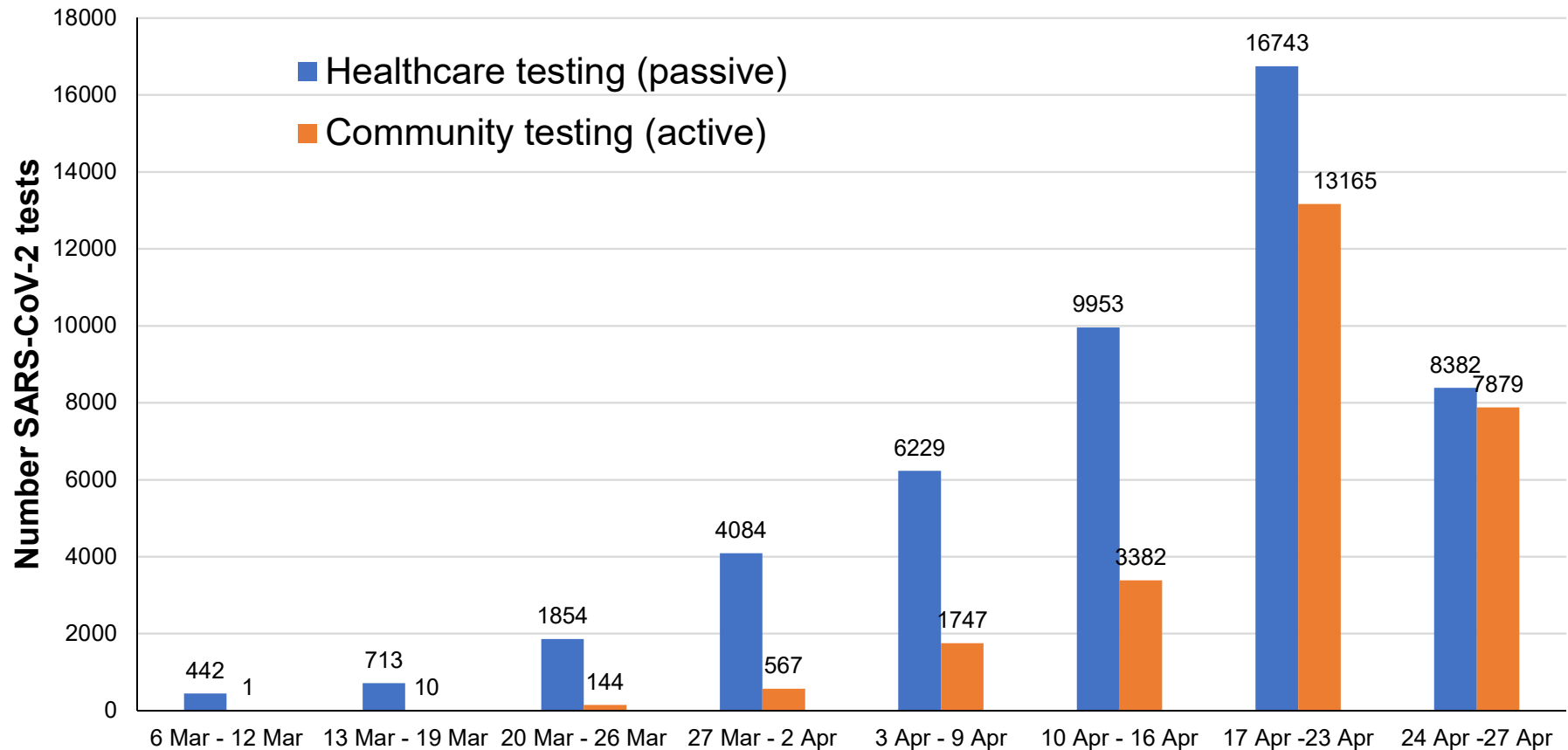
Since 7 April

With house-to-house screening



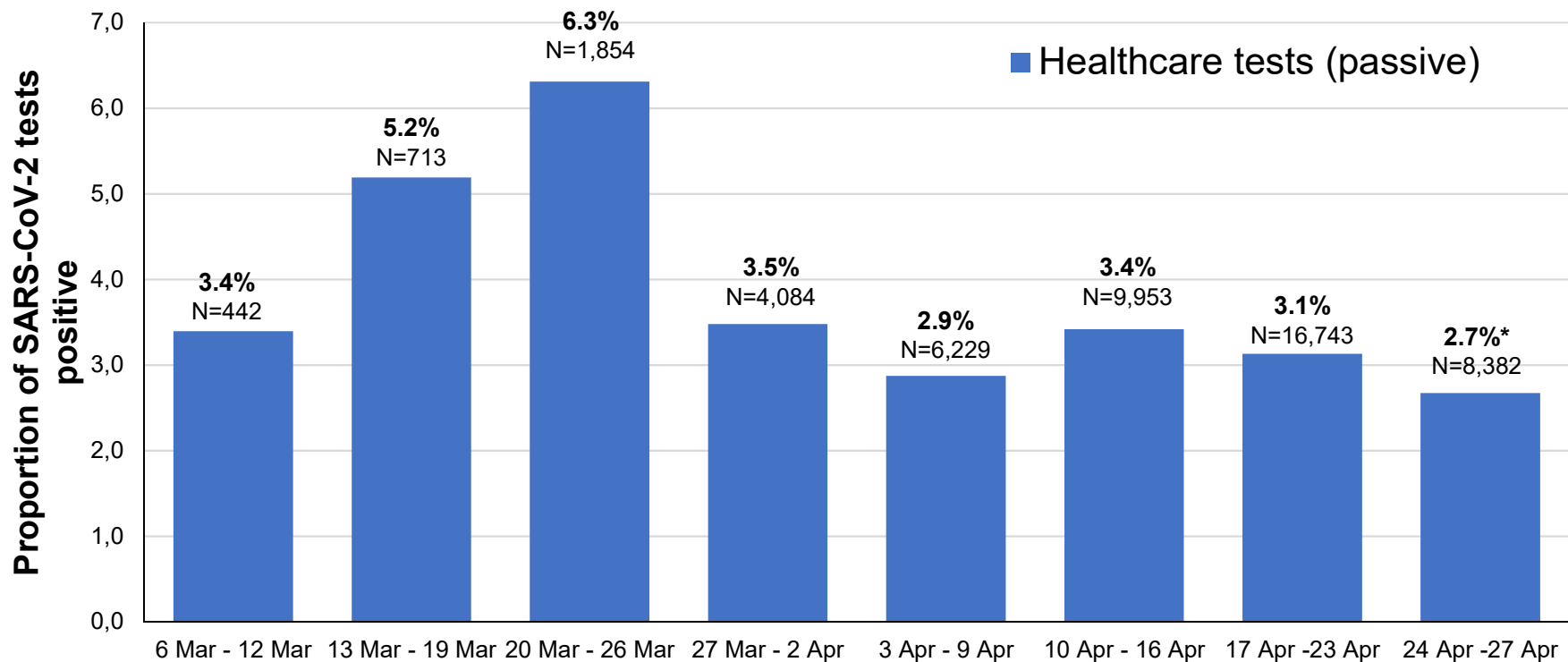
Tests on people from the
= community screening
(active case-finding)

The source of samples in the public sector testing for SARS-CoV-2: passive case-finding vs active case-finding

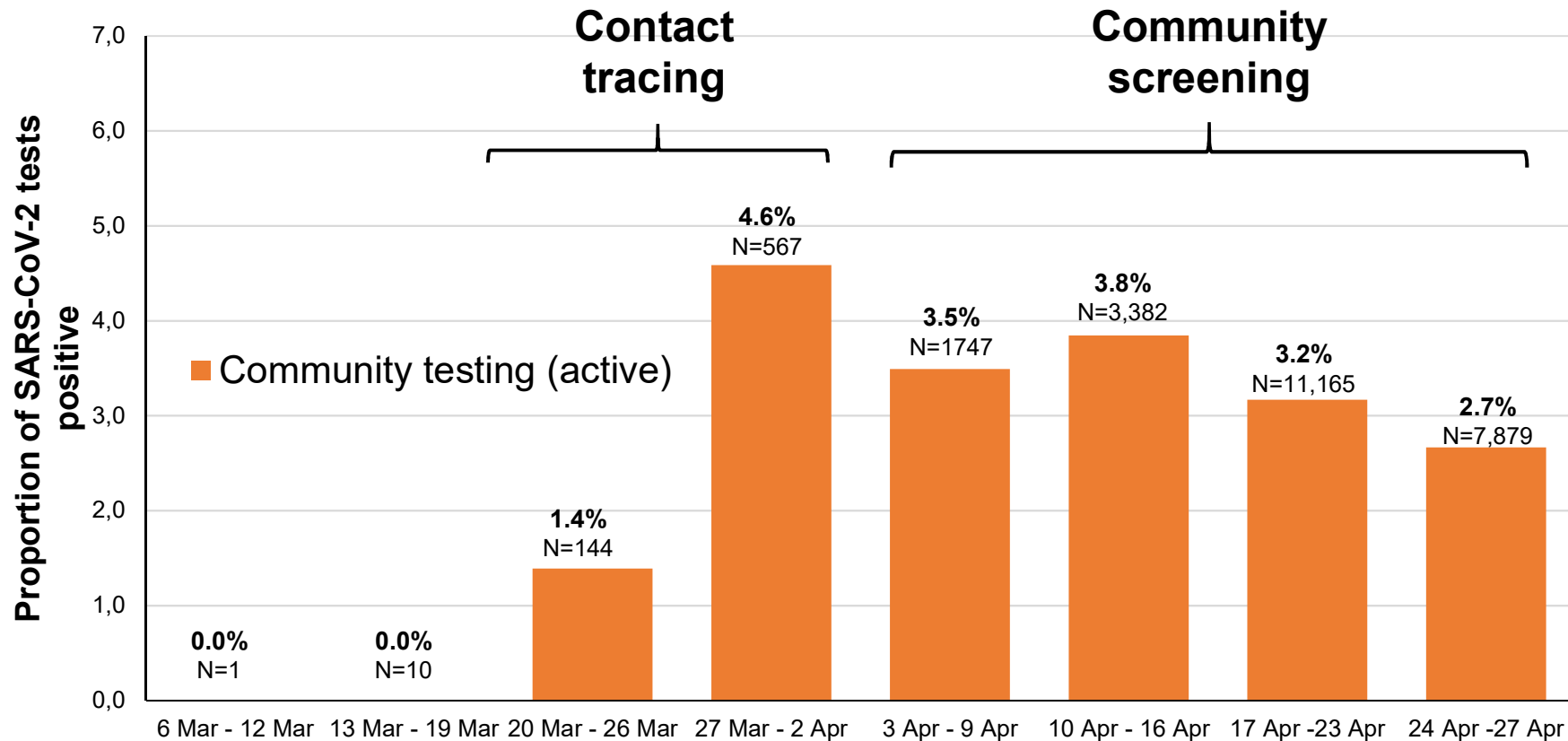
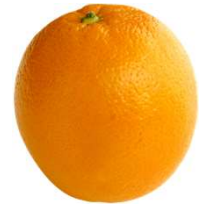


Note: the total tests each week = sum of the number on each bar

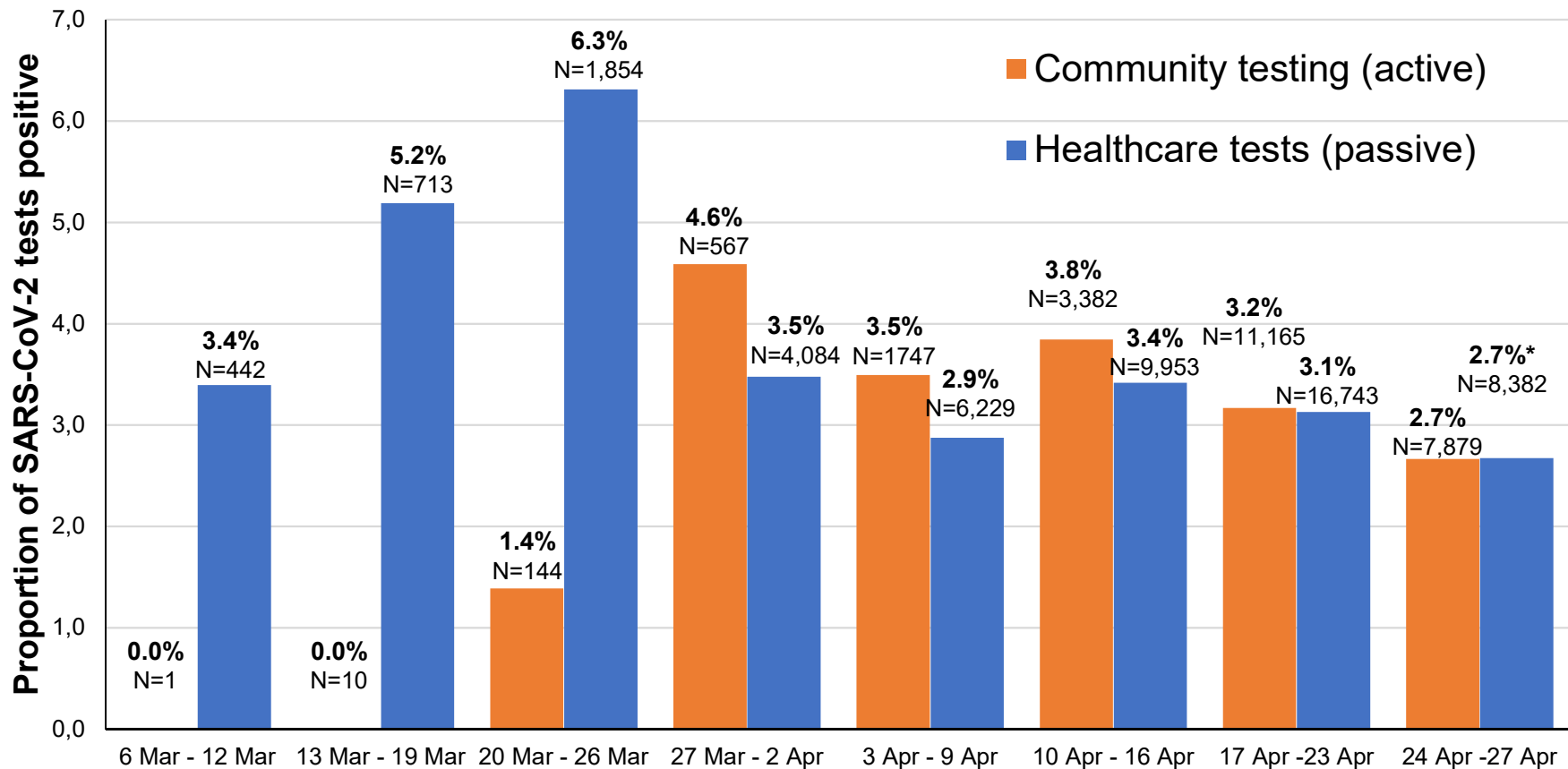
Proportion of NHLS tests from passive case-finding in healthcare settings that are positive (test positivity by week)



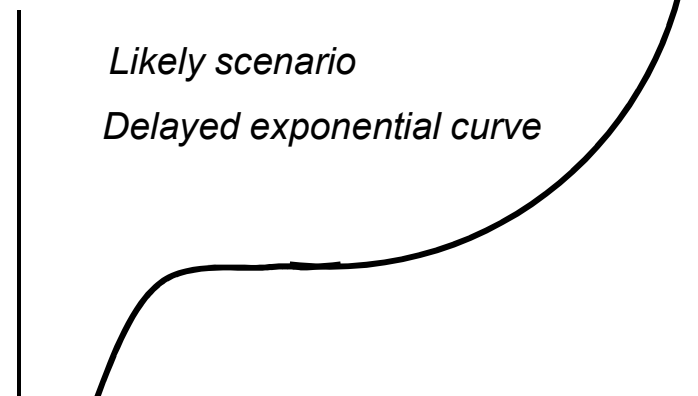
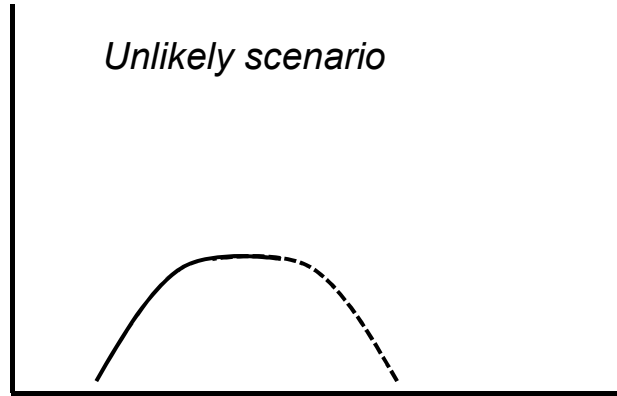
Proportion of NHLS tests from active case finding in community settings that are positive (test positivity by week)



Proportion of NHLS tests that are positive comparing passive and active testing (by week)



As the lockdown comes to an end, expect a rise in cases & outbreaks...



Times LIVE

SOUTH AFRICA

Tiger Brands closes Albany bakery in Durban after workers test positive for Covid-19

The Citizen
Covid-19

covid-19 14.4.2020 08:15 pm

Virus outbreak hits Joburg's Mediclinic Morningside



health
Department:
Health
REPUBLIC OF SOUTH AFRICA

news24 City Press

IN PARTNERSHIP WITH

LAST UPDATED: 2020-04-19, 13:20

Coronavirus: 24 employees at Boksburg Dis-Chem branch test positive for Covid-19

2020-04-18 11:16

Tammy Petersen



DispatchLIVE

NEWS

78 Covid-19 positive cases in Eastern Cape prisons, East London cases up by 49

By Luke Charter - 14 April 2020

