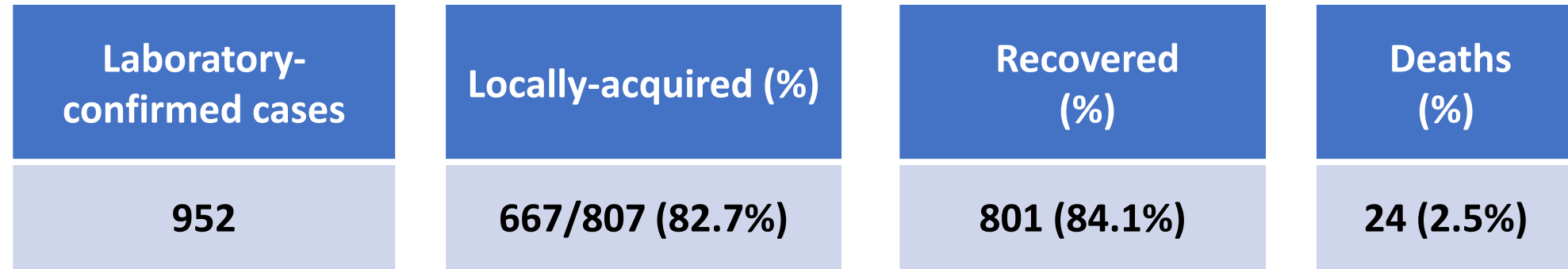


# **Coronavirus Disease 2019 (COVID-19) in Cyprus**

**Surveillance Report as of 02/06/2020**

Nicosia 04/06/2020

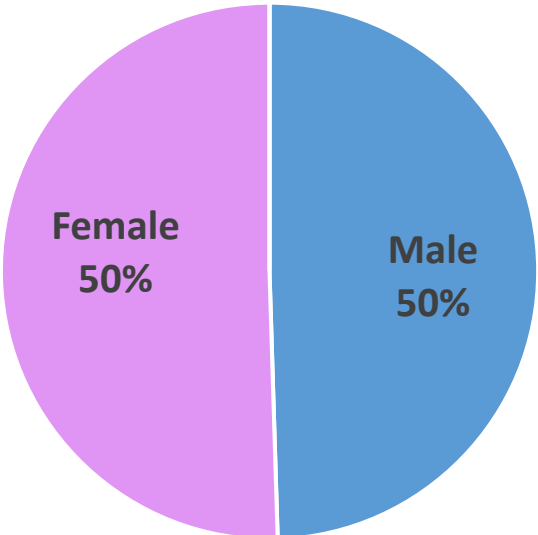
# Data in brief



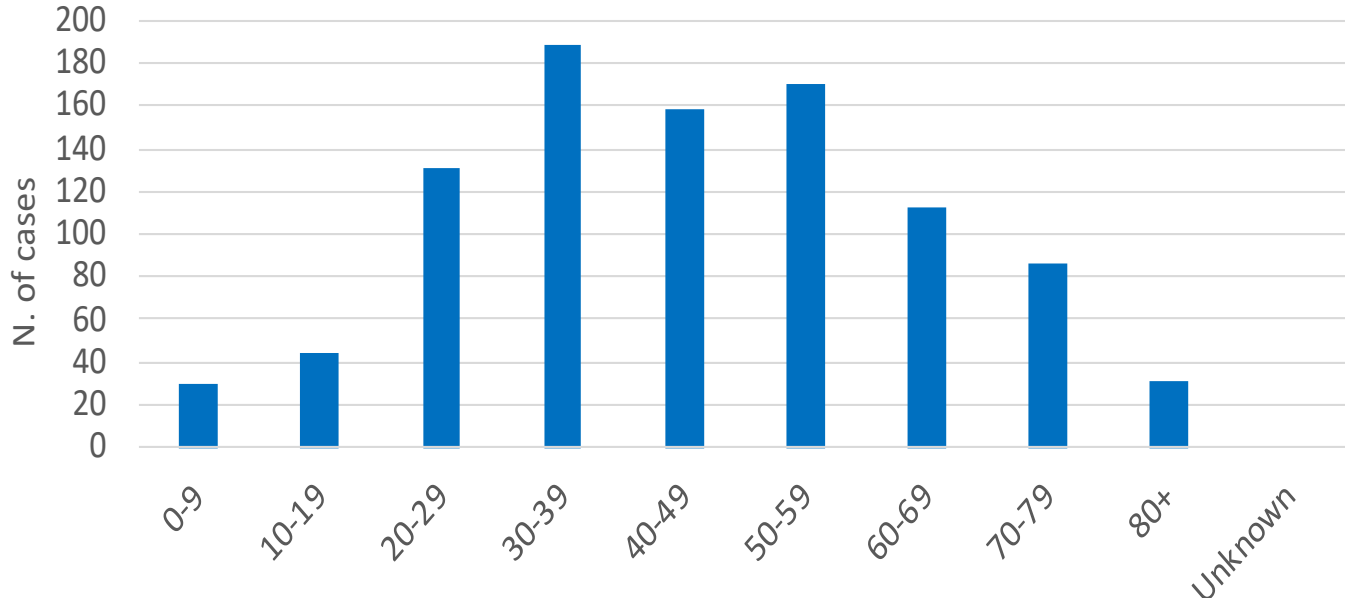
*\*Date of discharge/transfer/death included*

# Distribution of cases by sex and age groups

Sex

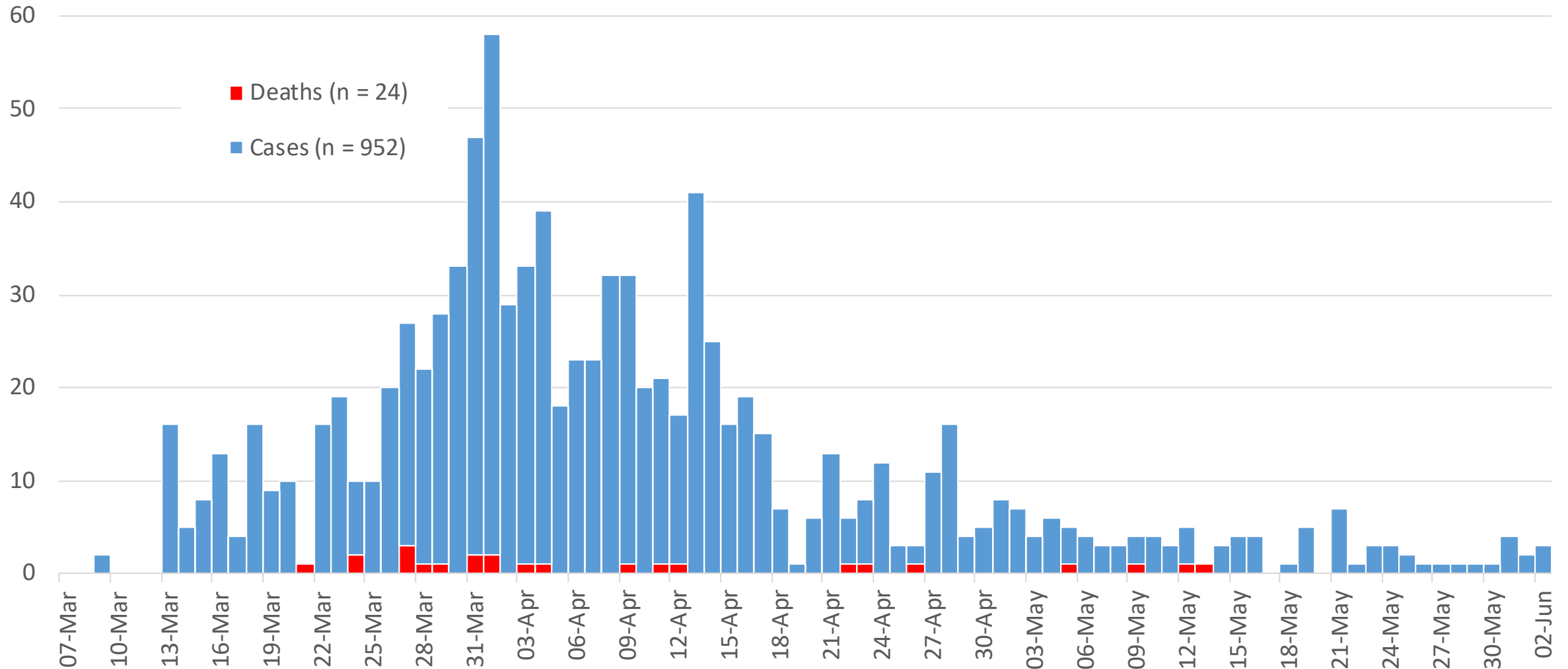


Age groups

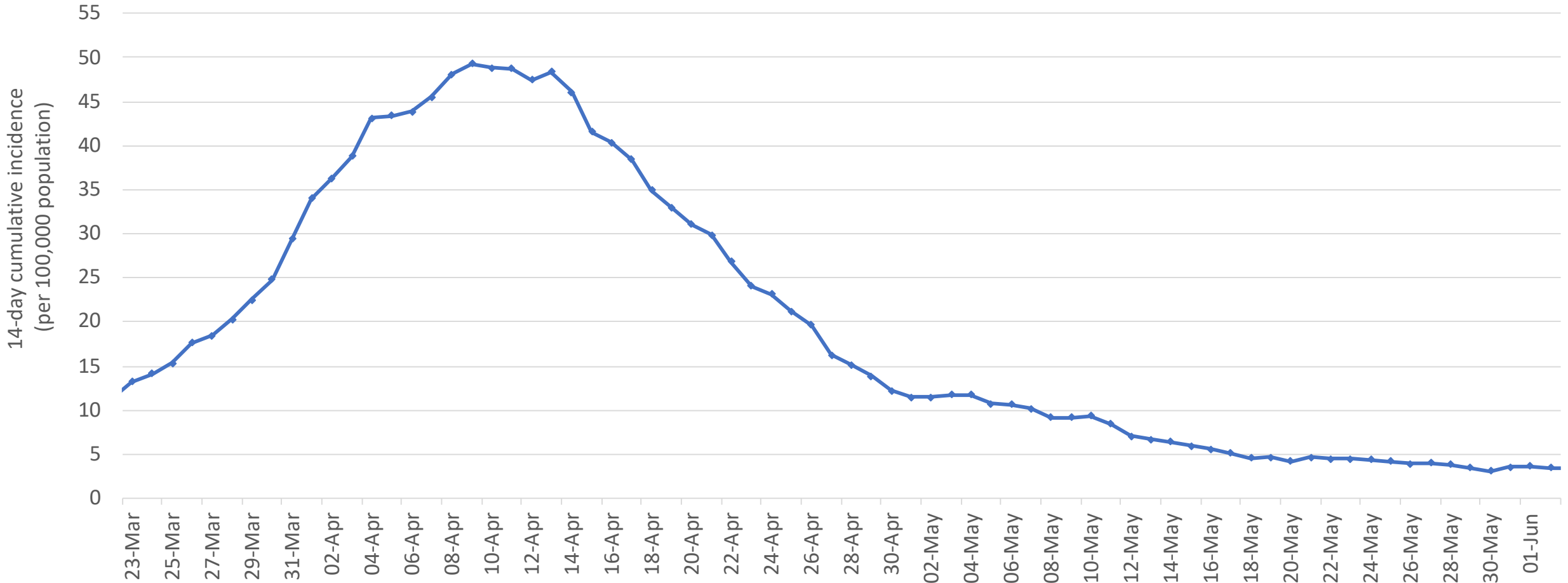


Median age: 45 years (interquartile range: 31-59 years)

# Laboratory-confirmed cases and deaths by date of reporting

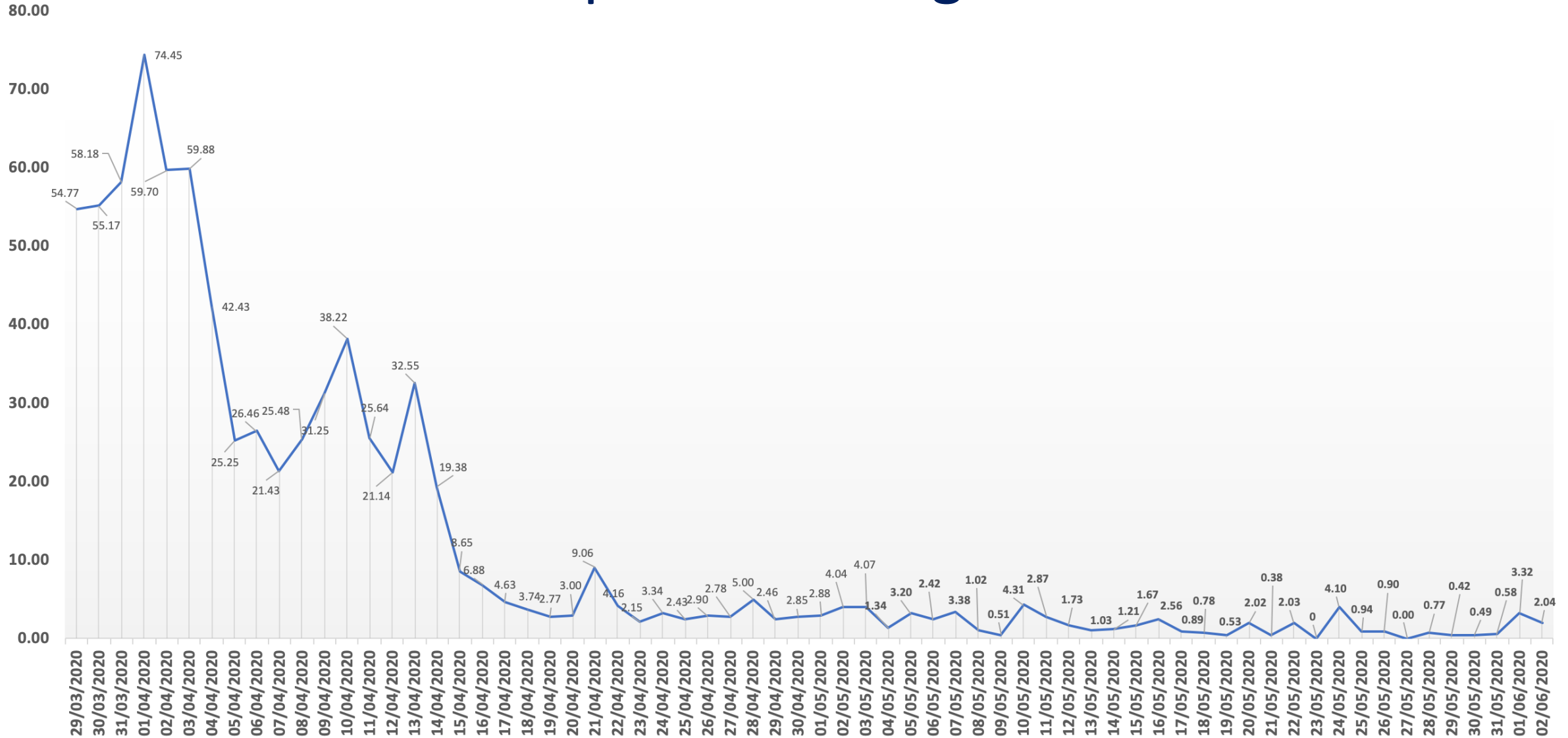


# COVID-19 14-day cumulative incidence rate per 100,000 population (proxy of COVID-19 prevalence)



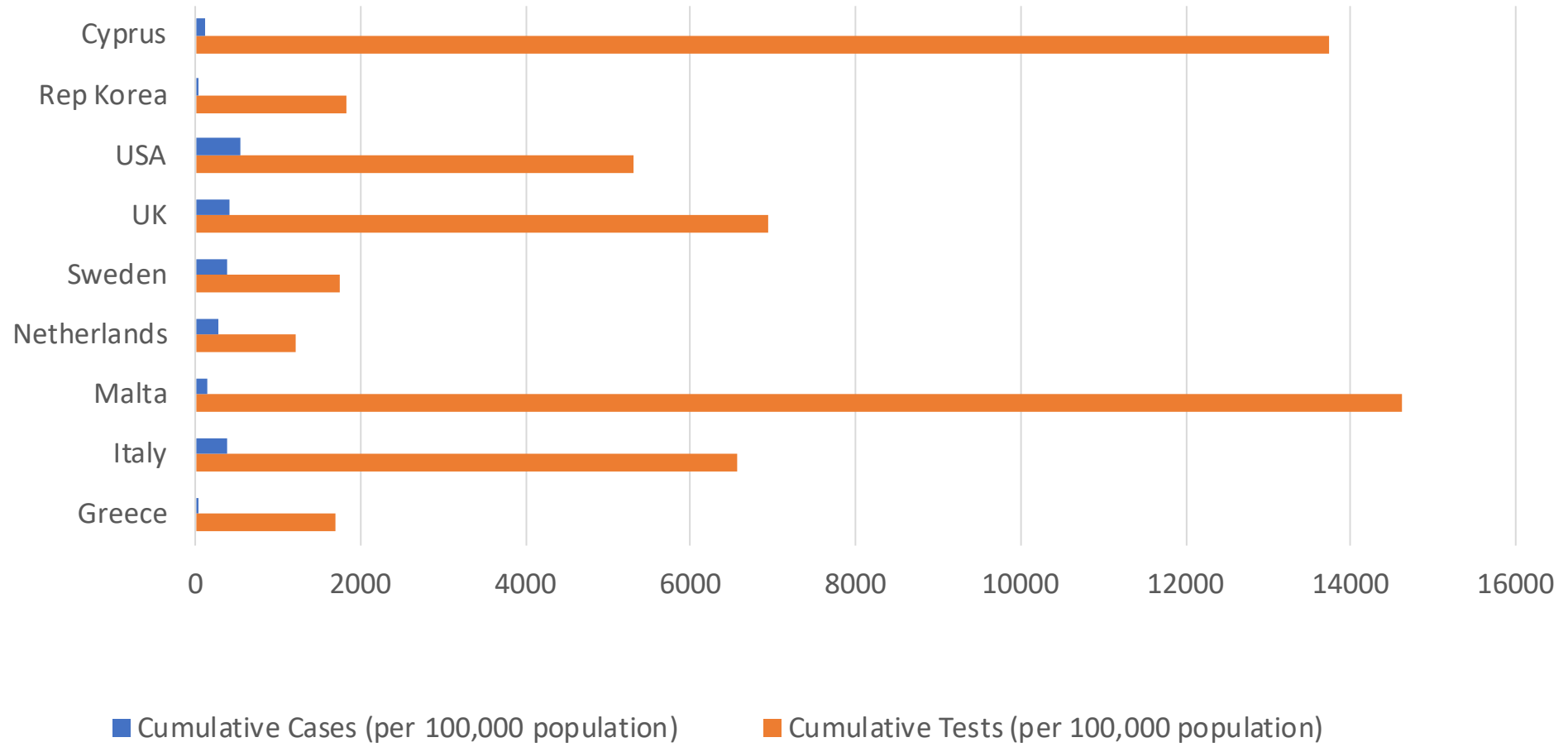
*March 23<sup>rd</sup>: 14 days since the first reported case*

# COVID-19 cases per 1000 diagnostic tests\*



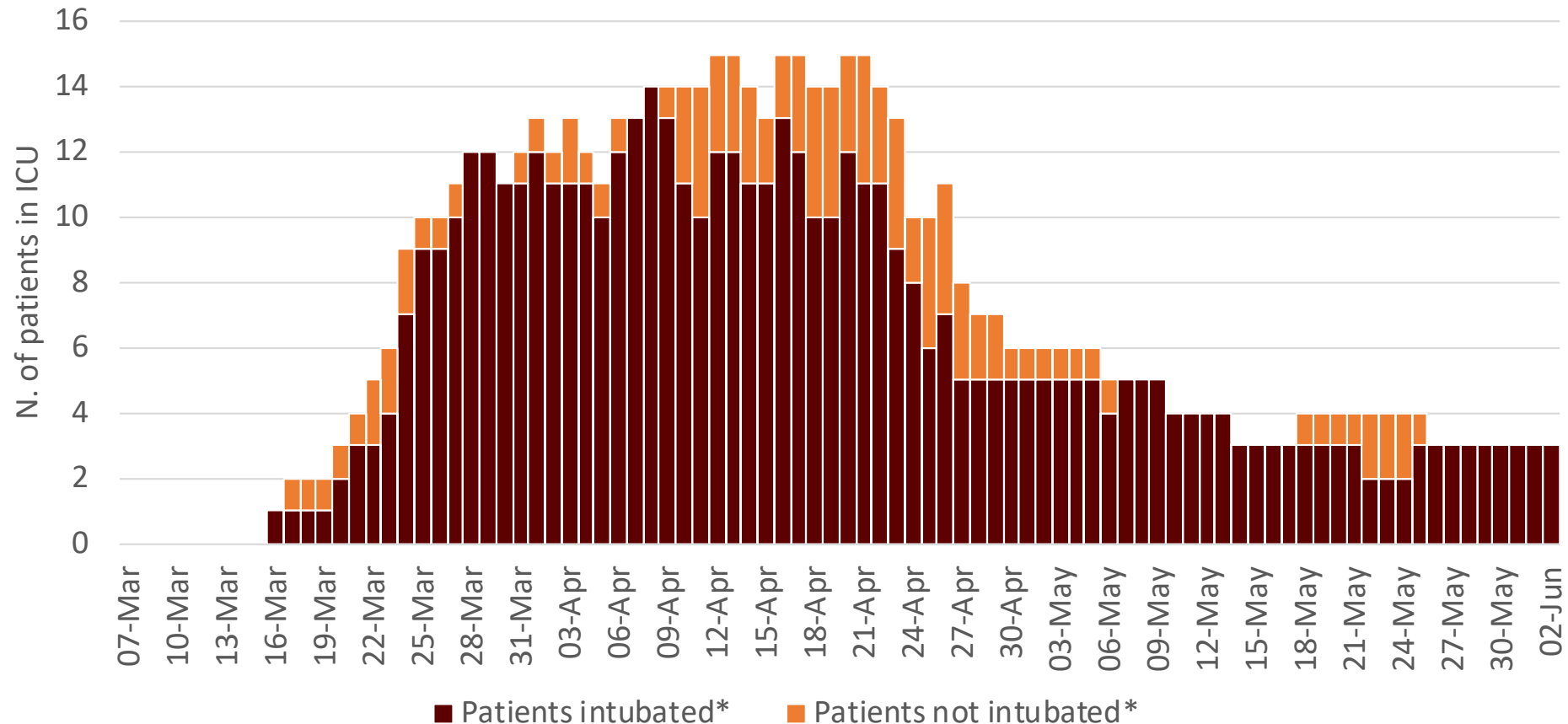
\*Data from daily press releases "Announcements of the Ministry of Health regarding new cases of COVID-19 disease"

# Comparison with other countries - cases and tests (as of 02/06/2020)



# Cases in intensive care units (ICU)\*

- 32 (3.4% of all cases) have ever been admitted to ICU

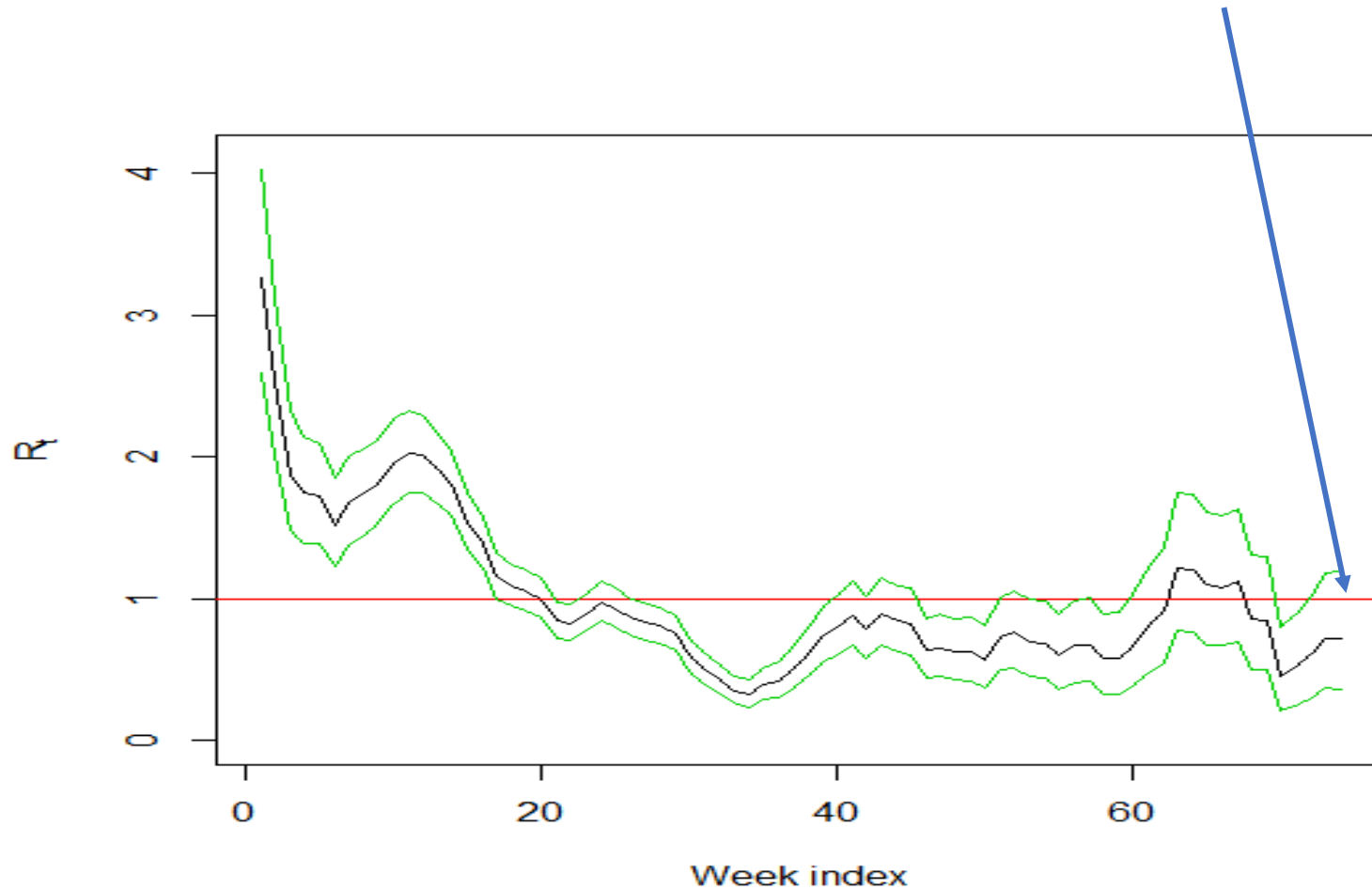


\*Intensive care unit (ICU) refers only to the ICU in Limassol General Hospital and ICU in Nicosia General Hospital  
*Date of discharge/transfer/death included*



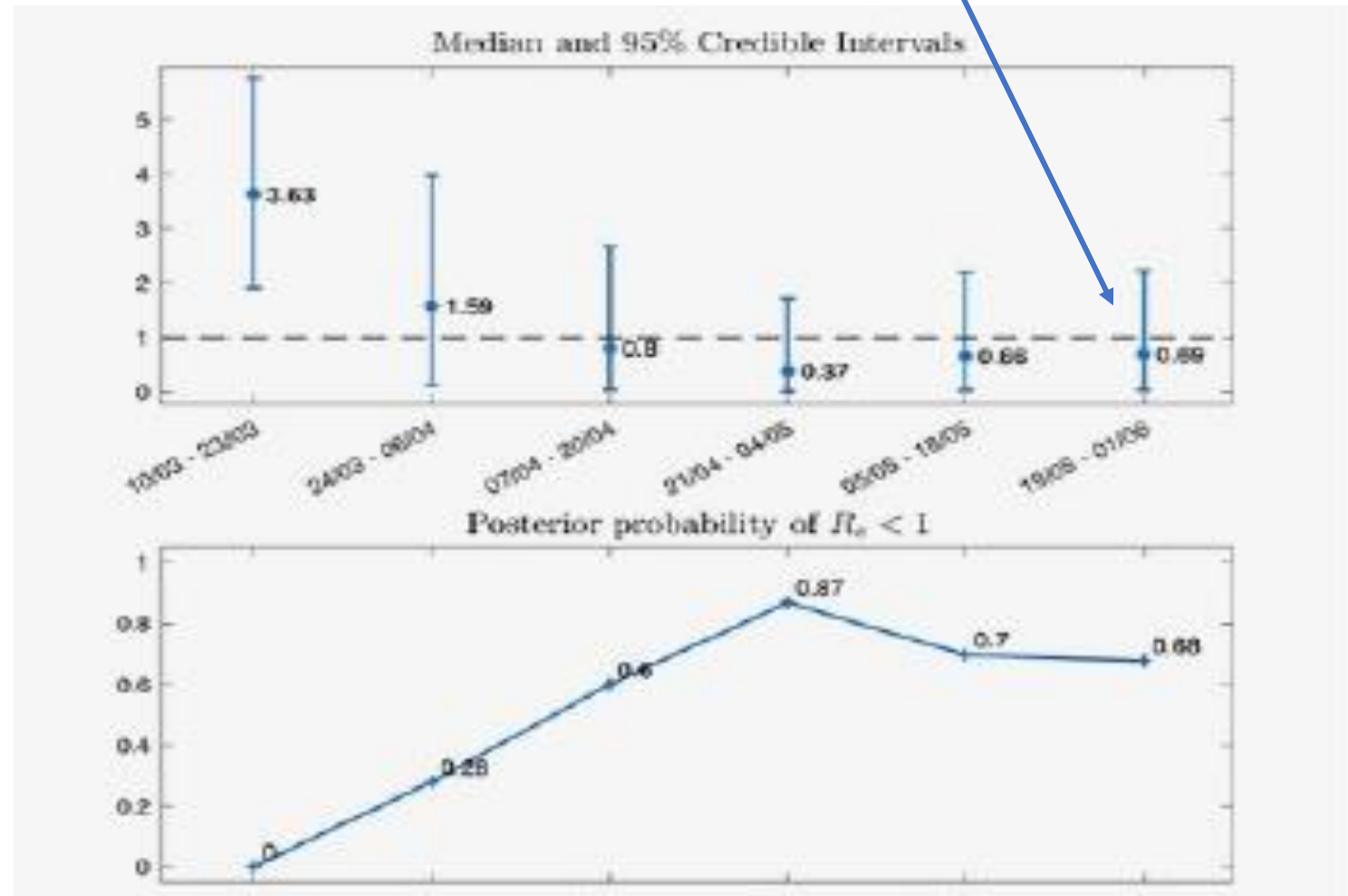
# Effective reproductive number ( $R_t$ ) – Method 1

$R(t)$  24 May – 1 Jun: 0.71 (0.35 – 1.19)



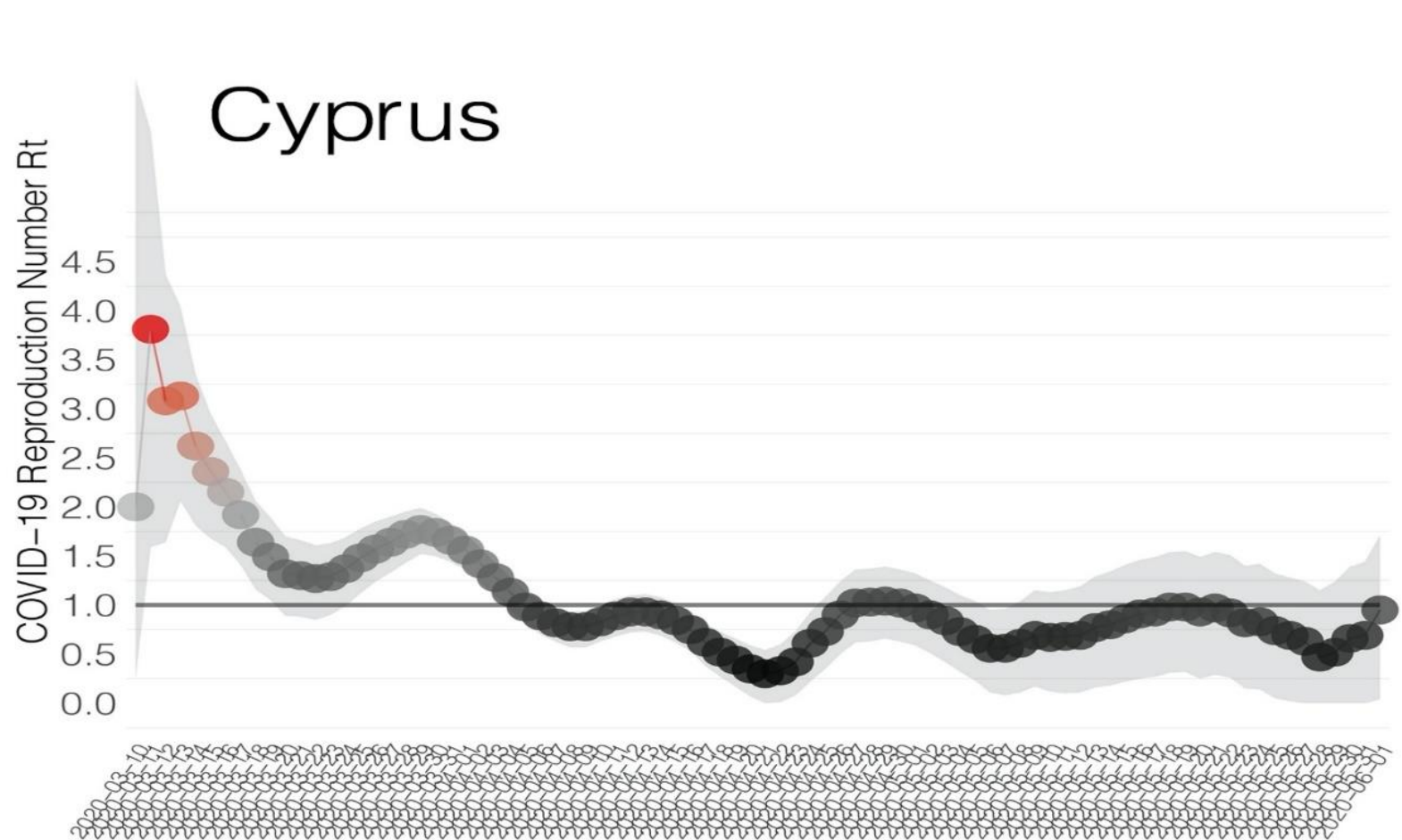
# Effective reproductive number ( $R_t$ ) – Method 2

$R(t)$  19 May – 1 June: 0.69



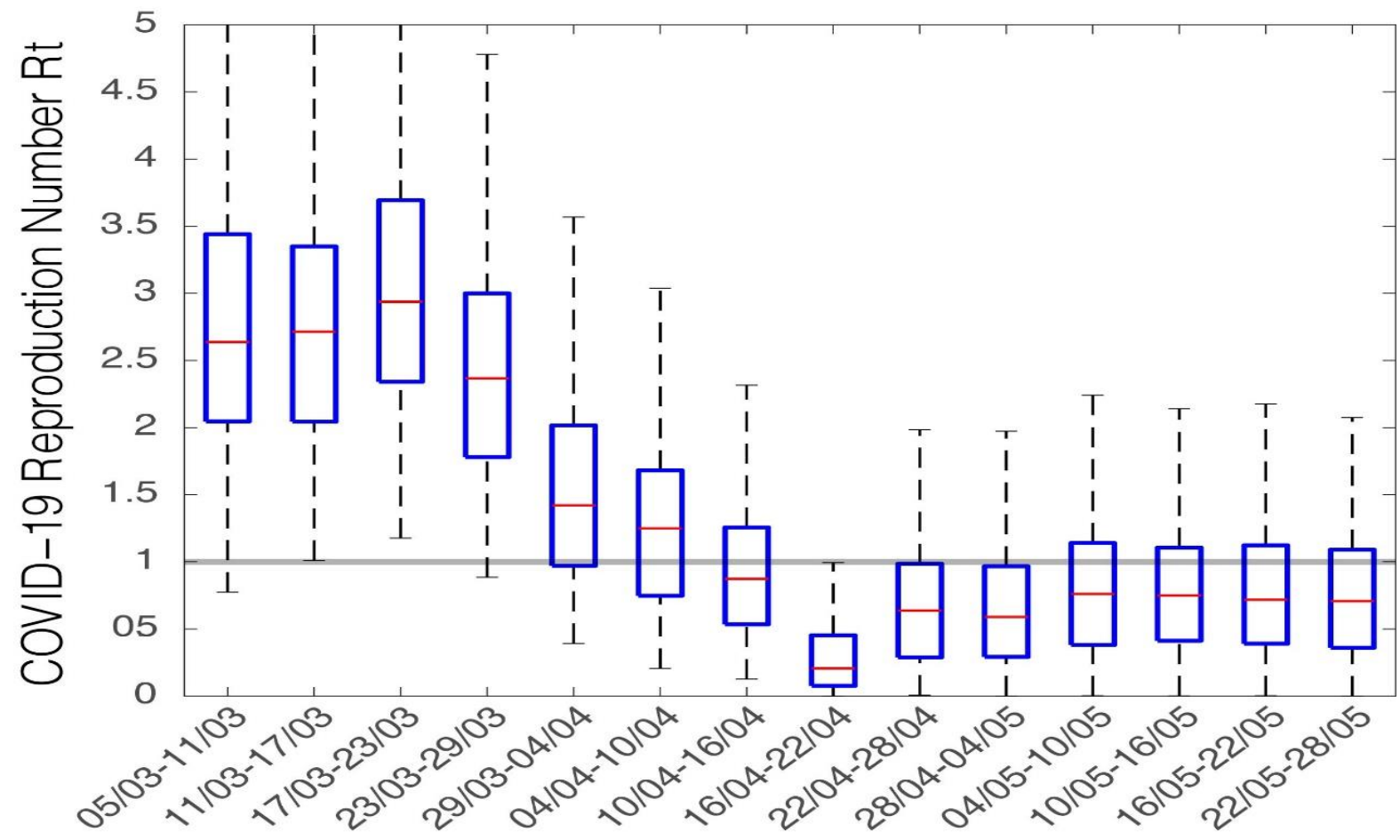
# Effective reproductive number ( $R_t$ ) – Method 3

$R(t)$  1 Jun: 0.65 (0.01 – 1.35)



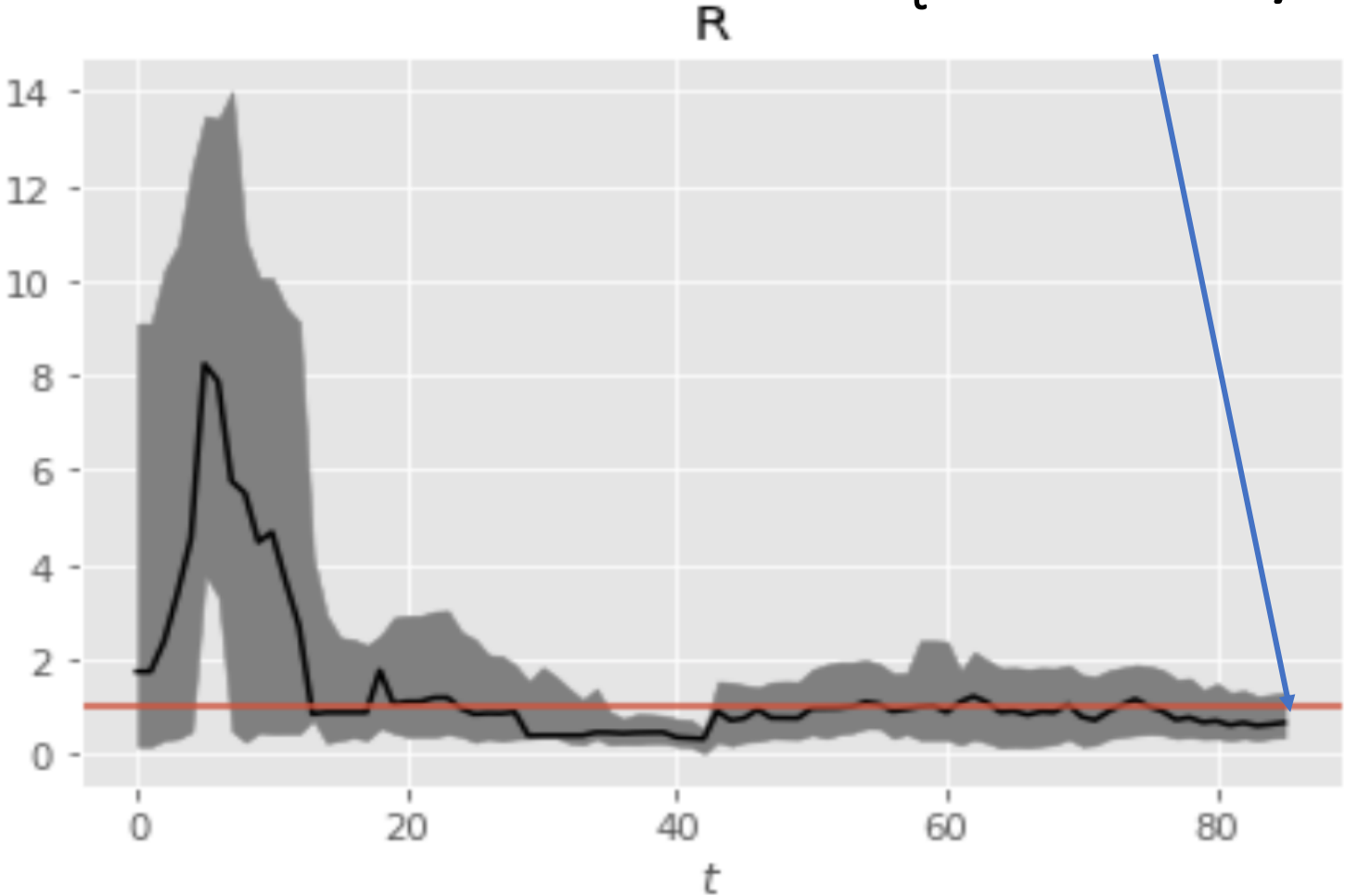
# Effective reproductive number ( $R_t$ ) – Method 4

$R_t$  (22 May - 28 May): 0.76

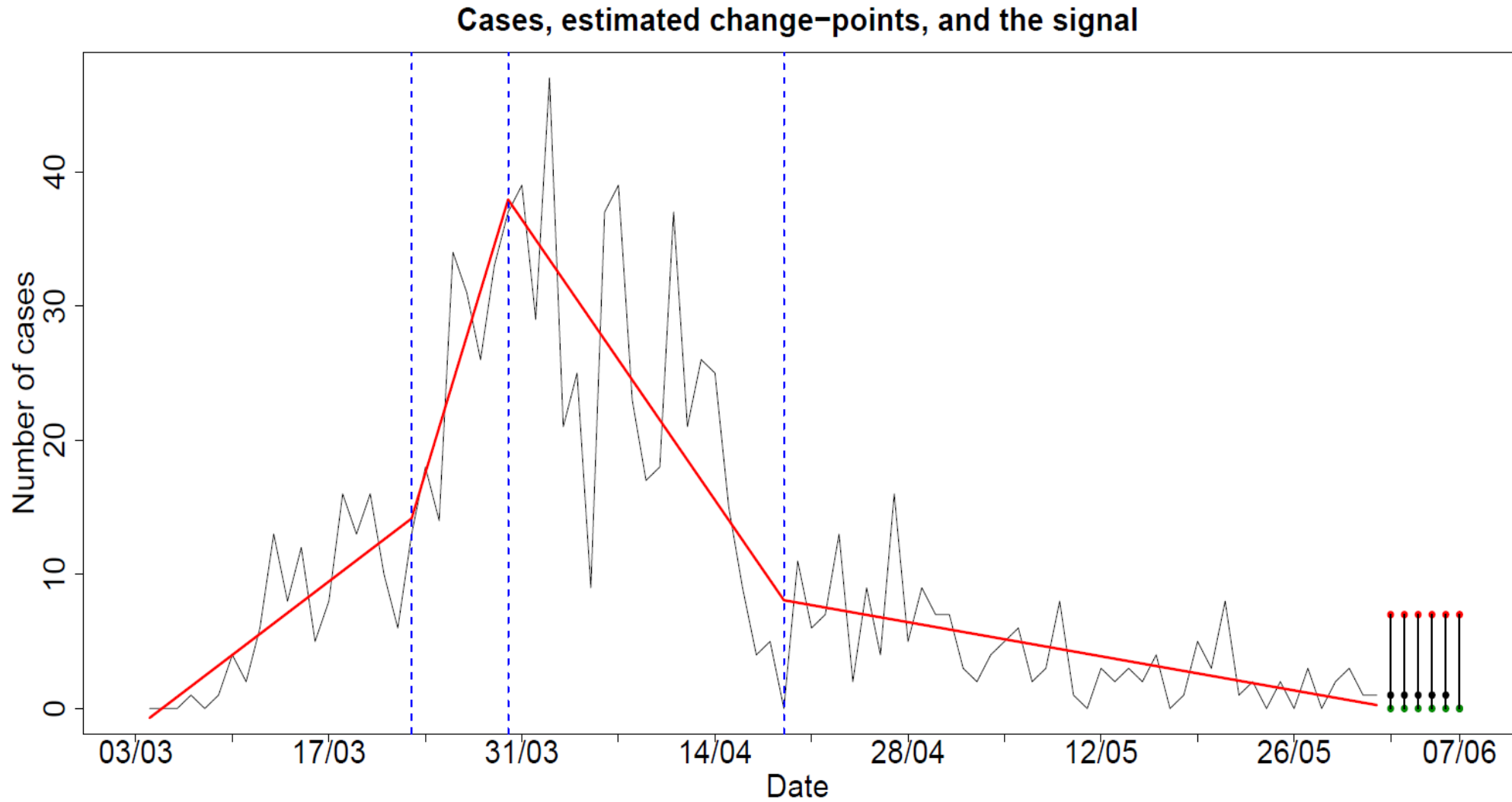


# Effective reproductive number ( $R_t$ ) – Method 5

$R_t$  recent days: 0.65 (0.36-1.30)



# Change-point analysis and predictions



# **Mathematical Modeling of COVID-19 Pandemic**

## **Research Team**

C. Nicolaides, S. Agapiou, A. Anastasiou, A. Baxevani, T. Christofides, K. Fokianos, G. Hadjigeorgiou, G. Nikolopoulos, E. Constantinou

# Laboratory tests for SARS-CoV-2

## Research Team

- Epidemiological Surveillance Unit, Ministry of Health
- Contributors : Christiana Dimitriou, Christos Charalambous, Ourania Kolokotroni, Alexandros Heraclidis, Ioanna Gregoriou, Georgios Nikolopoulos and Elisavet Constantinou



# Epidemiological Surveillance Unit of the Ministry of Health, Cyprus

- Contributors: Annalisa Quattrocchi, Ioannis Mamais, Valentinos Silvestros, Anna Demetriou (Health Monitoring Unit), Maria Athanasiadou (Health Monitoring Unit), Theopisti Prianou (Health Monitoring Unit), Androulla Stylianou, Sotiroula Sotiriou, Fani Theofhanous, Christos Charalambous, Ioanna Gregoriou, Maria Koliou, Georgios Nikolopoulos and Elisavet Constantinou
- Scientific Committee: Elisavet Constantinou, Constantinos Constantinou, Niki Paphitou, Georgios Nikolopoulos, Maria Koliou, George Panos, Eirini Christaki, Zoi - Dorothea Pana, Constantinos Tsioutis, Leontios Kostrikis, Peter Karayiannis, George Petrikkos, Petros Agathangelou, George Mixides