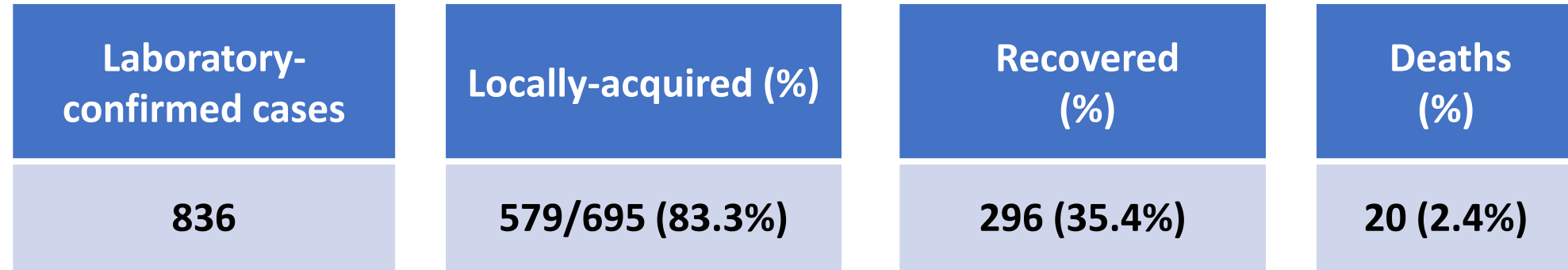


Coronavirus Disease 2019 (COVID-19) in Cyprus

Surveillance Report as of 28/04/2020

Nicosia 30/04/2020

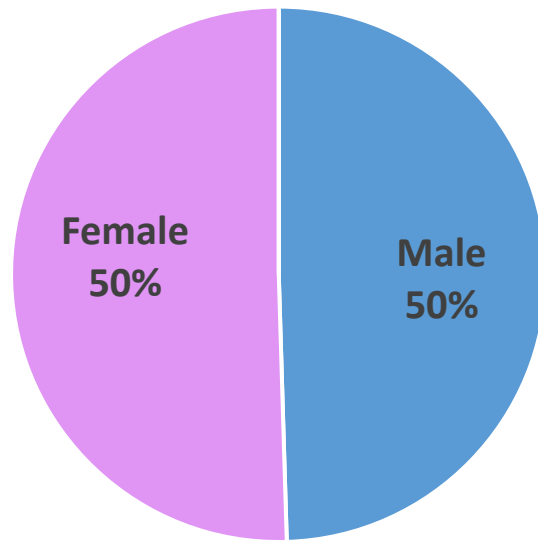
Data in brief



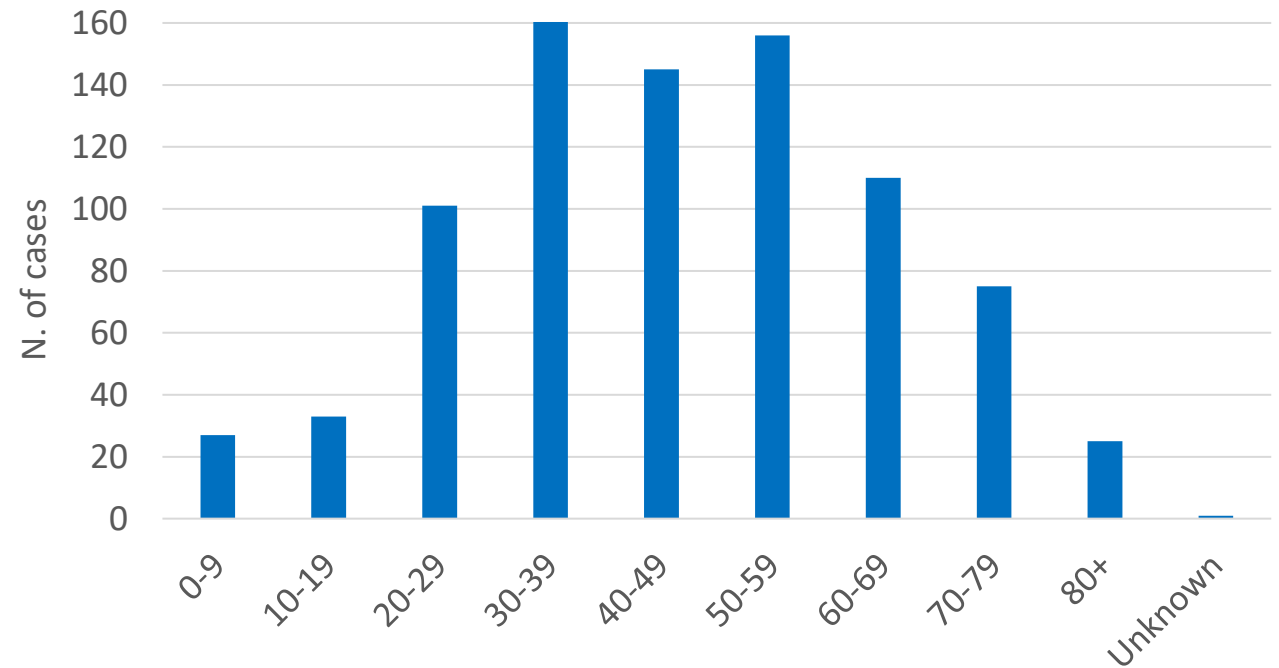
**Date of discharge/transfer/death included*

Distribution of cases by sex and age groups

Sex

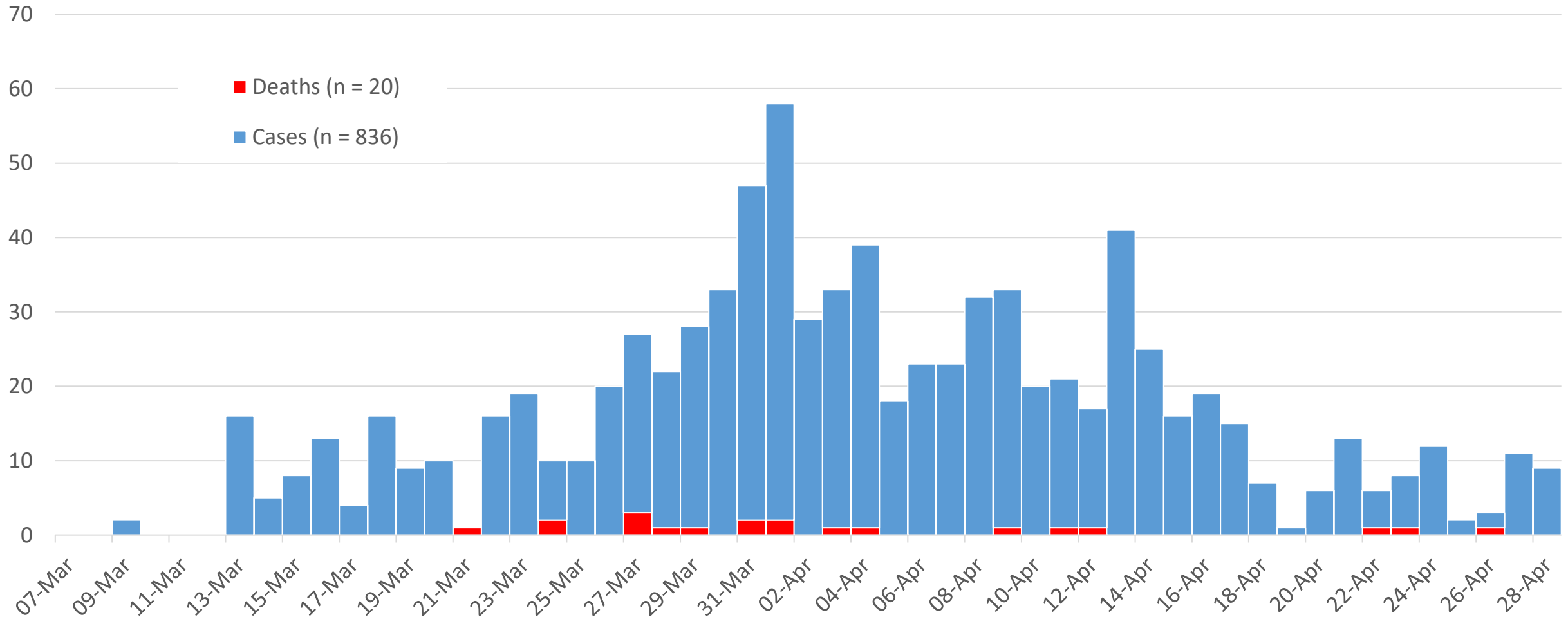


Age groups (n = 835)

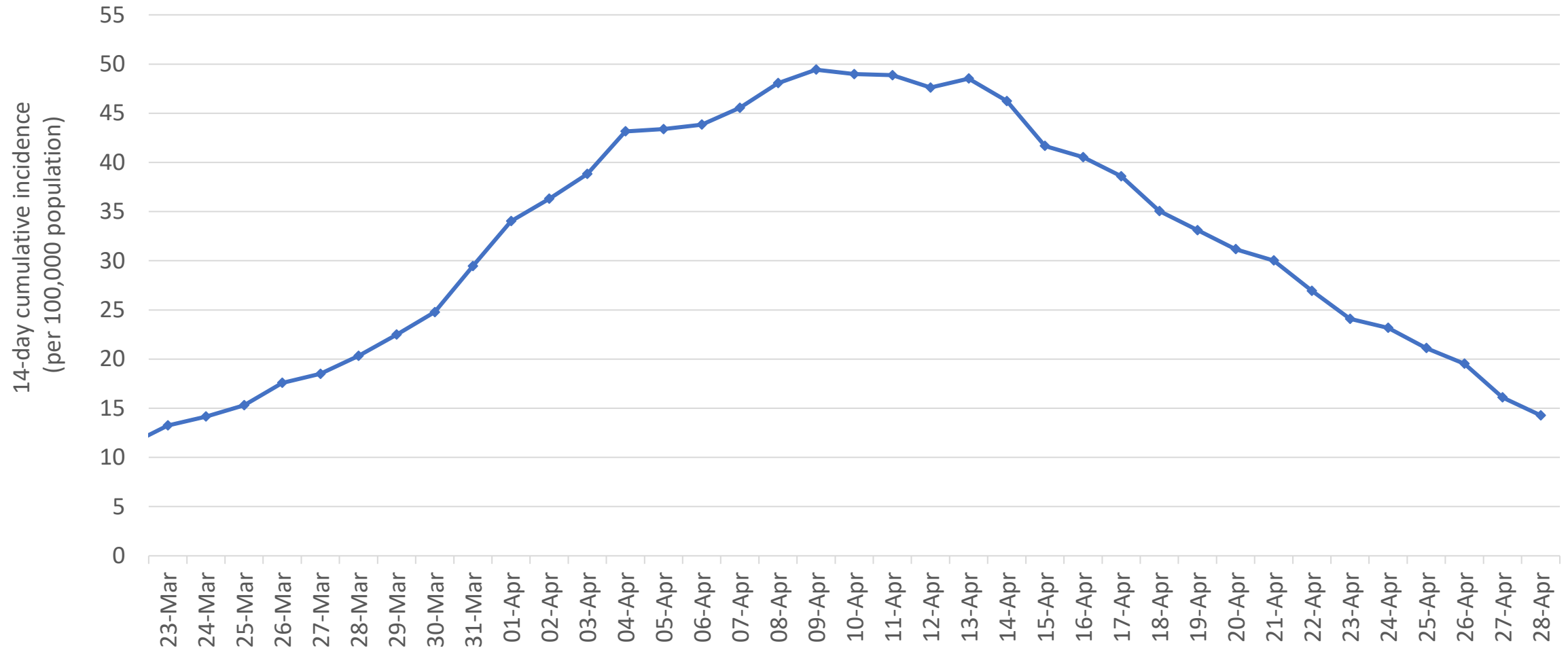


Median age: 46 years (interquartile range: 32-60 years)

Laboratory-confirmed cases and deaths by date of reporting

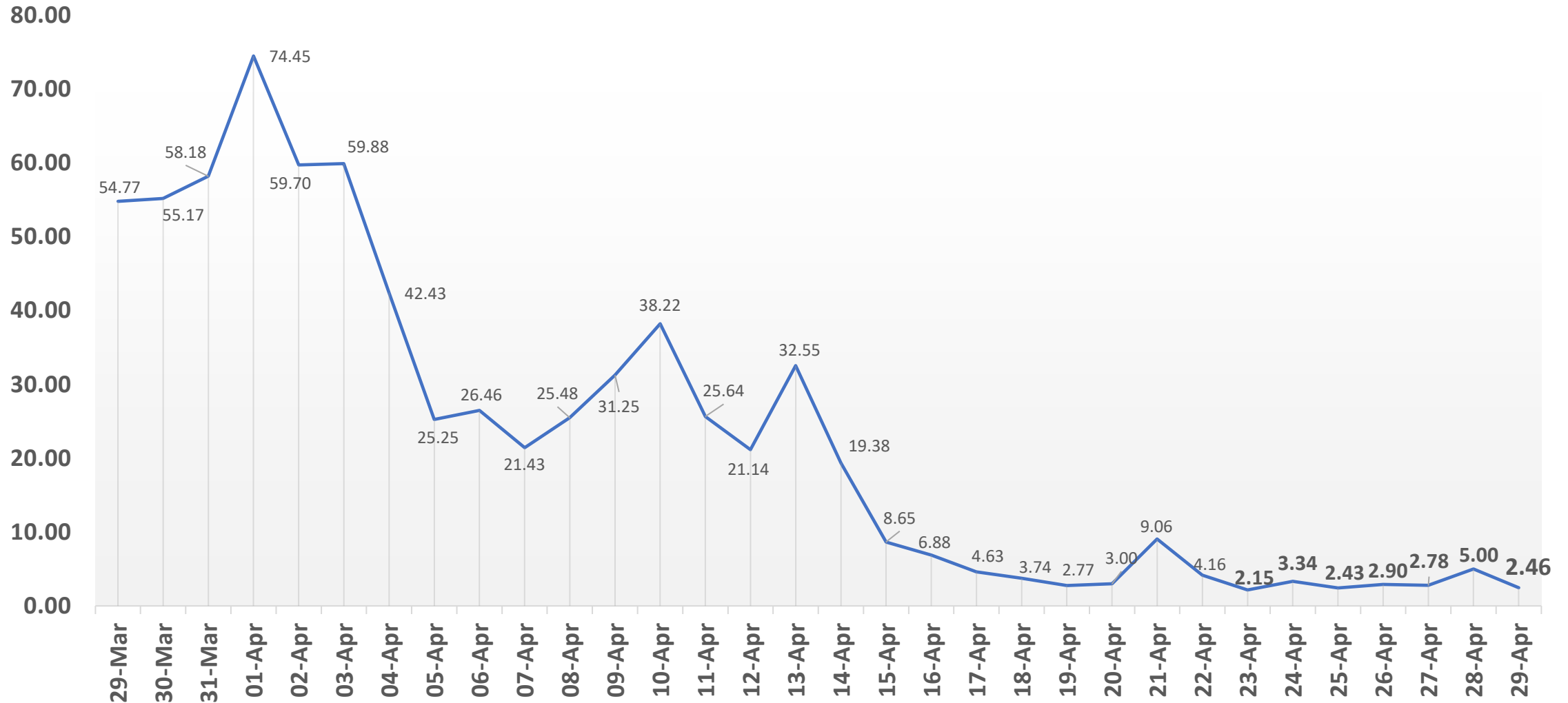


COVID-19 14-day cumulative incidence rate per 100,000 population (proxy of COVID-19 prevalence)



March 23rd: 14 days since the first reported case

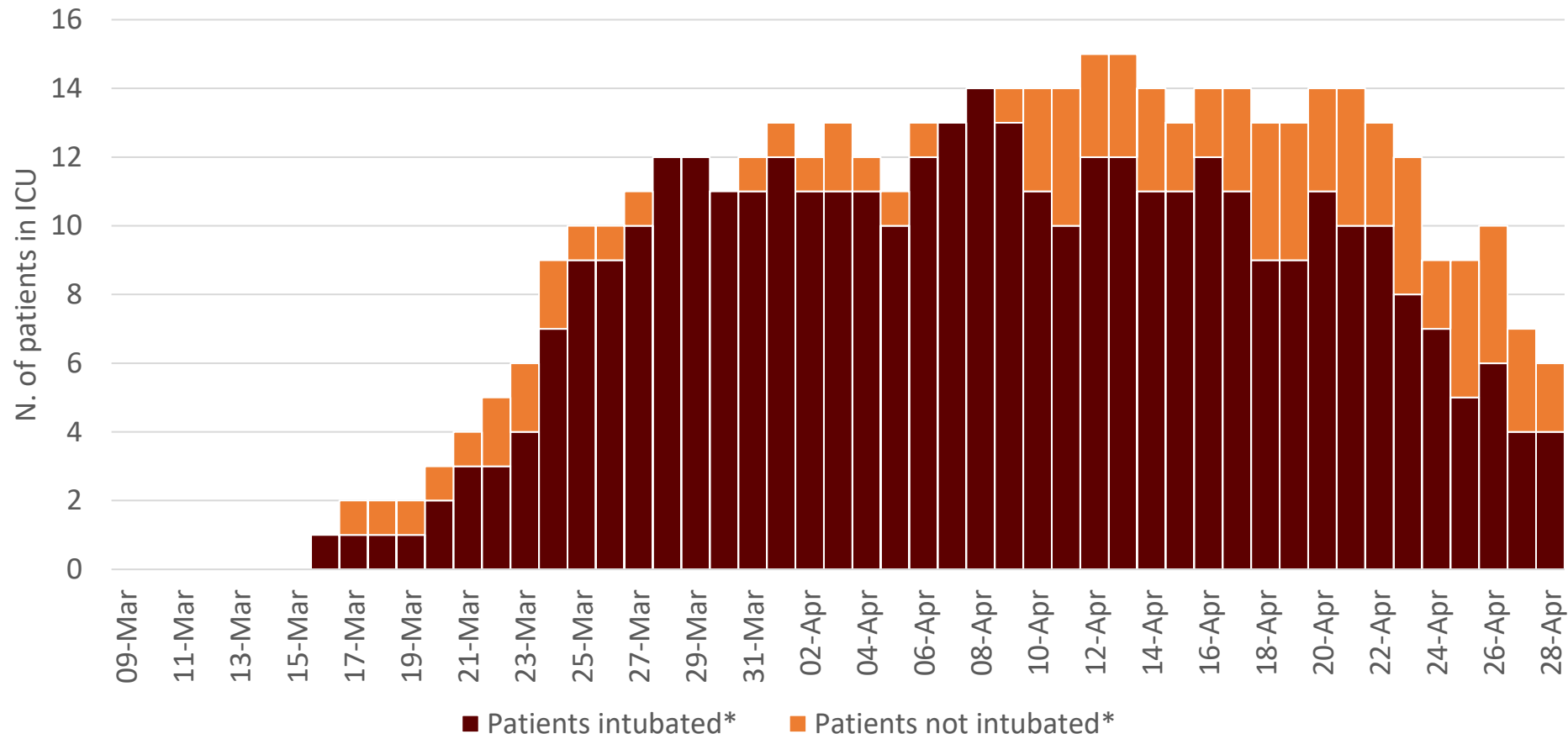
COVID-19 cases per 1000 diagnostic tests*



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

Cases in intensive care units (ICU)*

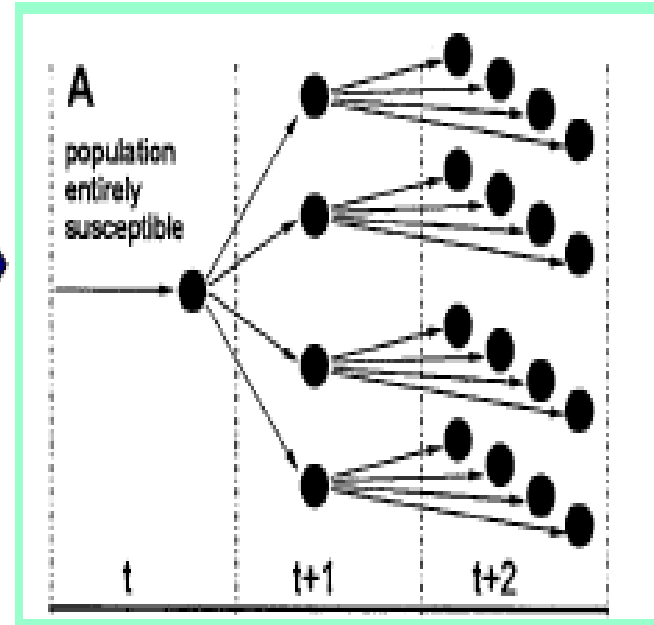
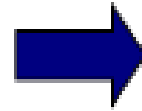
- 31 (3.7% of all cases) have ever been admitted to ICU



*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

Reproductive number

$$R_0 = 4$$

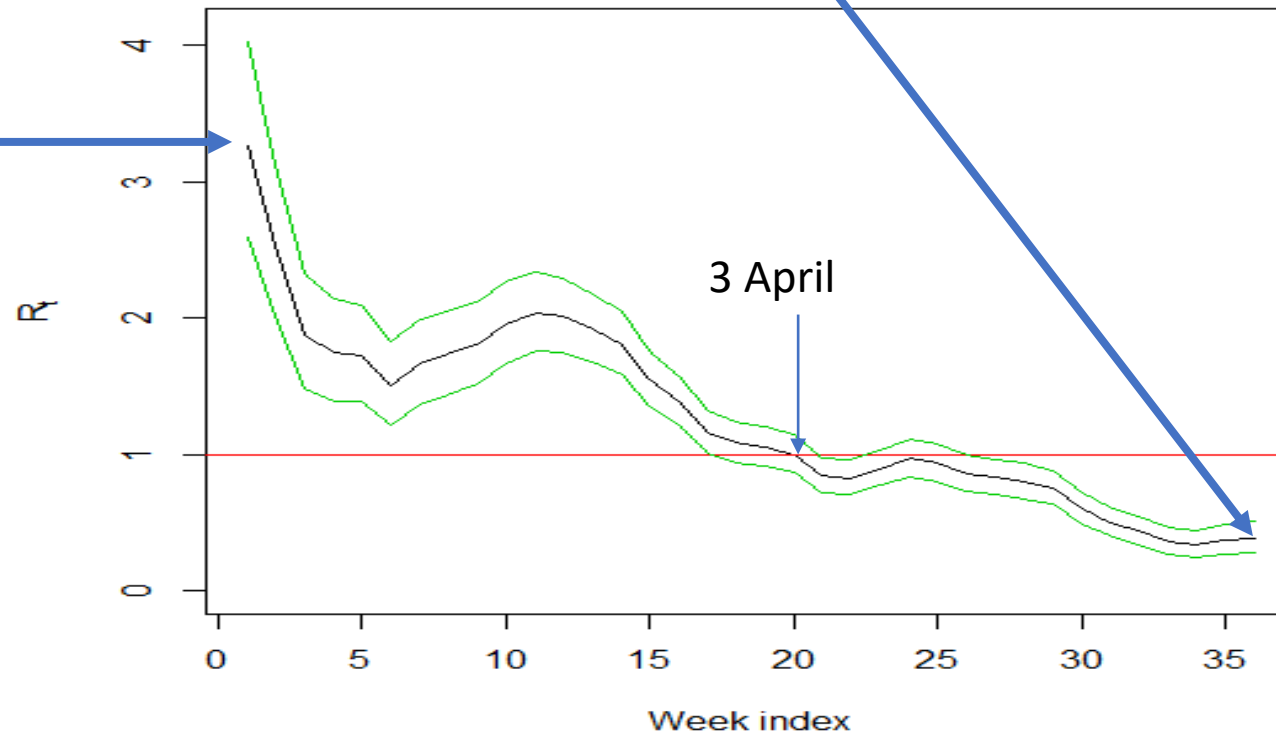


$$R = P \times C \times D \times S$$

Effective reproductive number (R_t) – Method 1

$R(t)$ 18 Apr – 24 A : 0.30 (0.27 – 0.51)

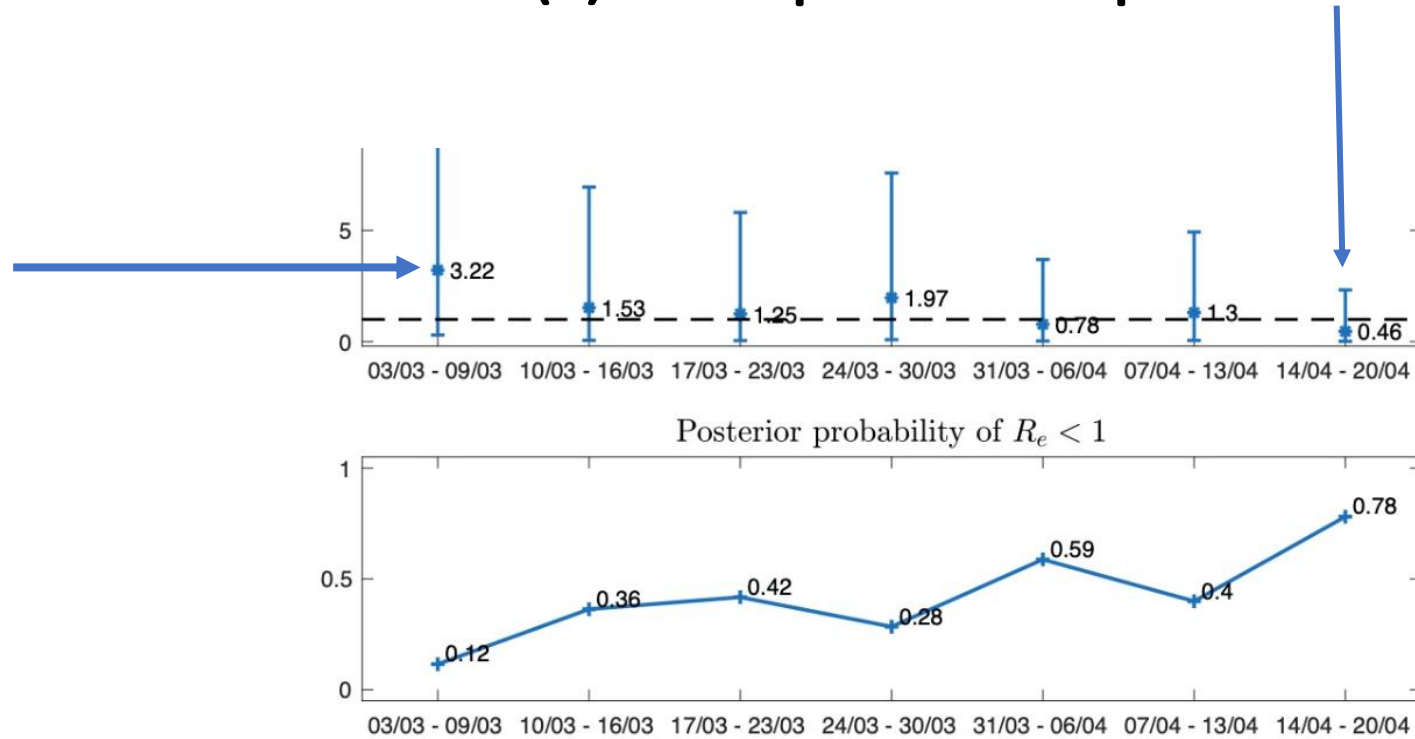
R_0 :
3.27 (2.68 – 3.70)



Effective reproductive number (R_t) – Method 2

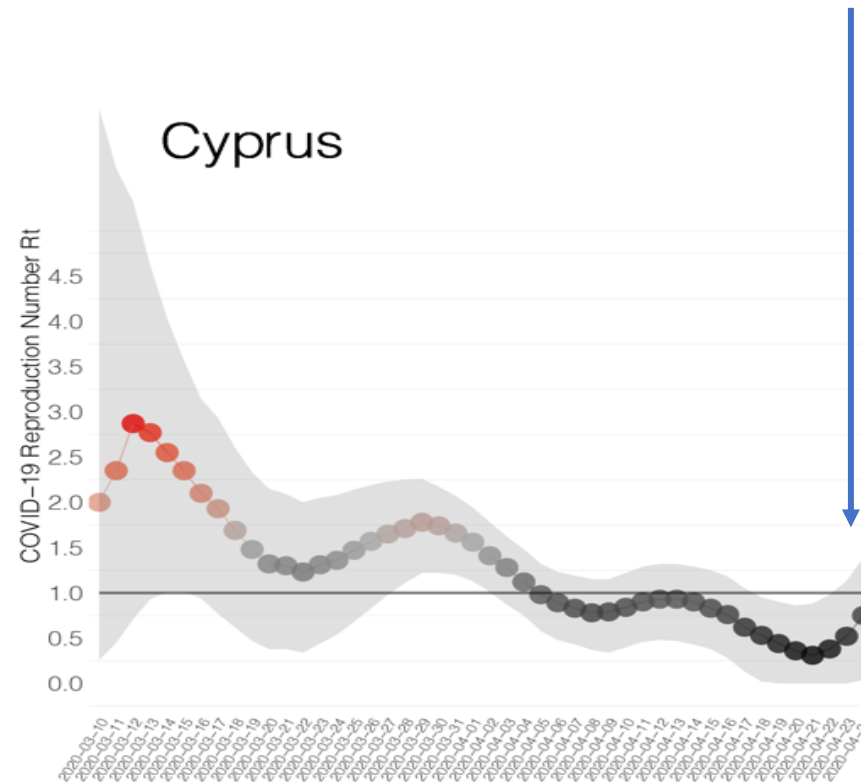
$R(t)$ 14 Apr – 20 Apr: 0.46

R_0 : 3.22

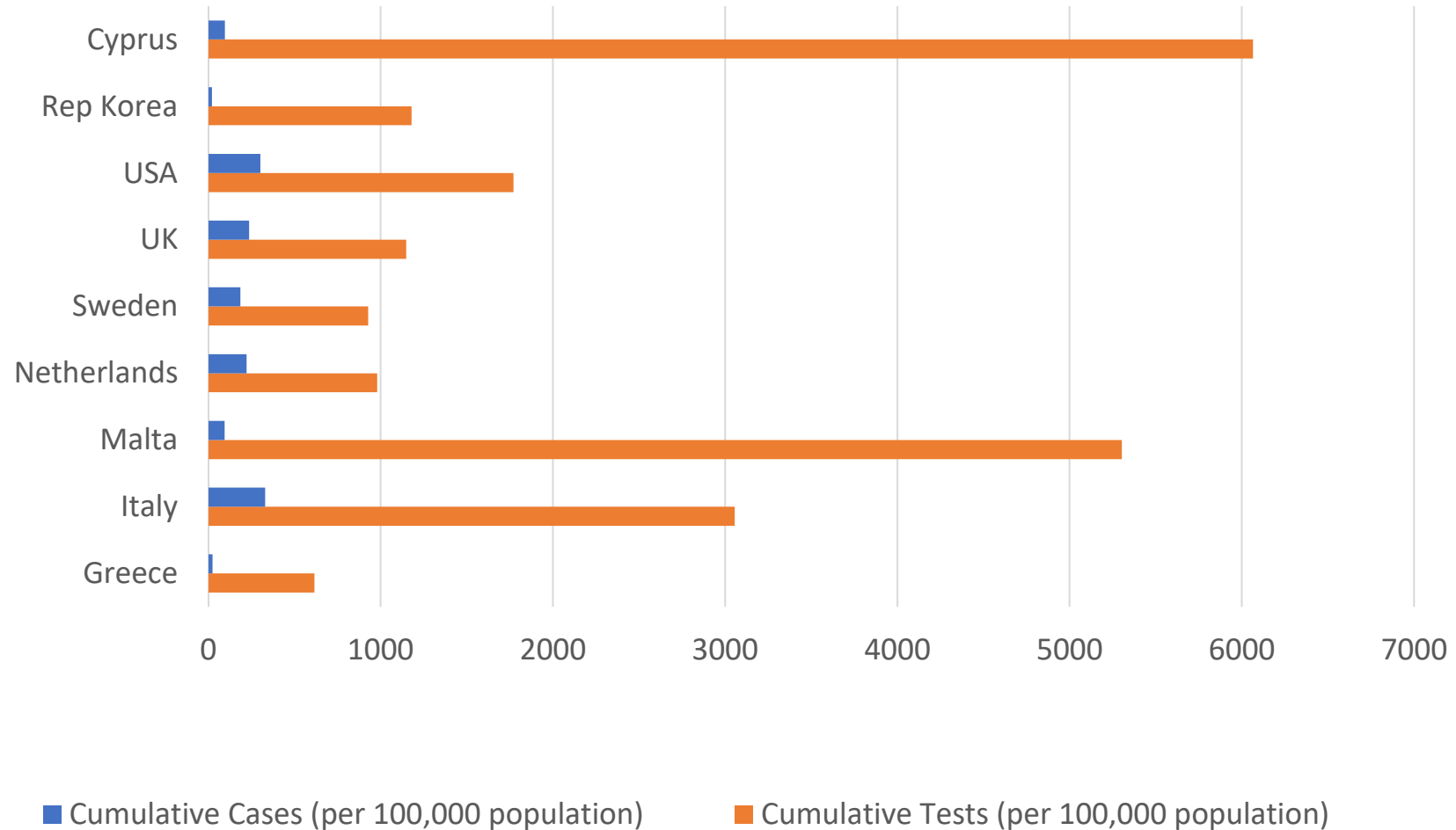


Effective reproductive number (Rt) – Method 3

R(t) 24 Apr: 0.70 (0.04 – 1.39)



Comparison with other countries - cases and tests (as of 28/04/2020)

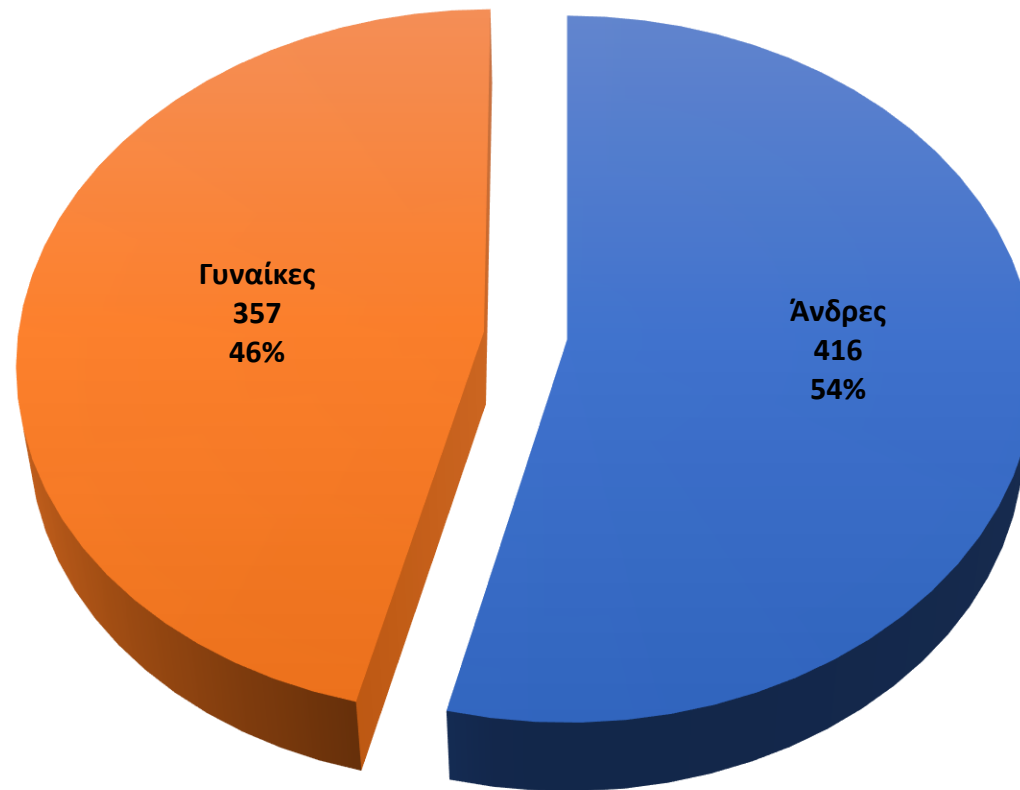


Population screening

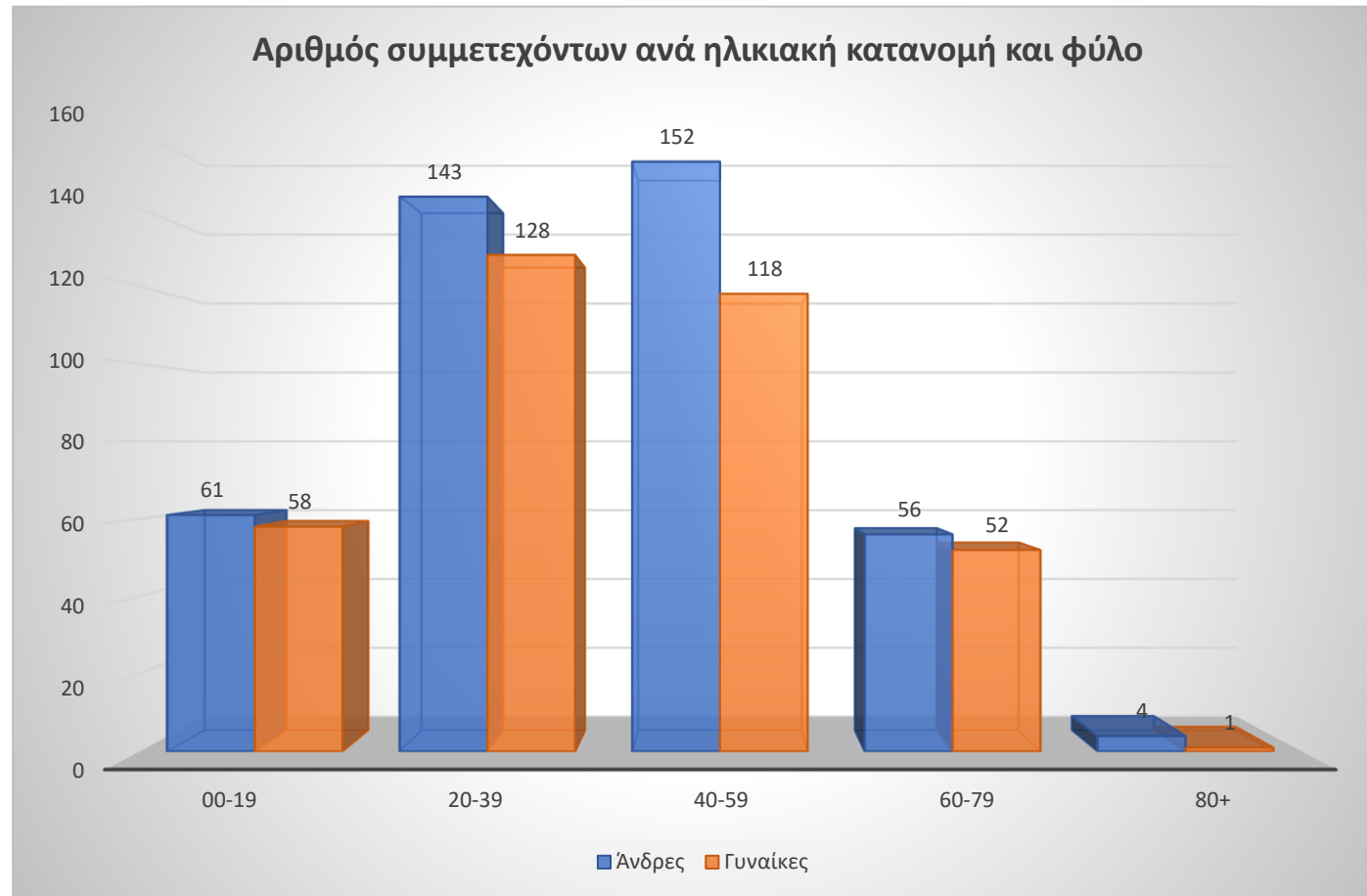
- 1054 were invited (random sampling stratified by district of residence and age group)
- 773 responded (73.3%)
- Period: April 23 – April 26, 2020
- Republic of Cyprus (except for municipalities of Pafos and Aradippou)

Population screening

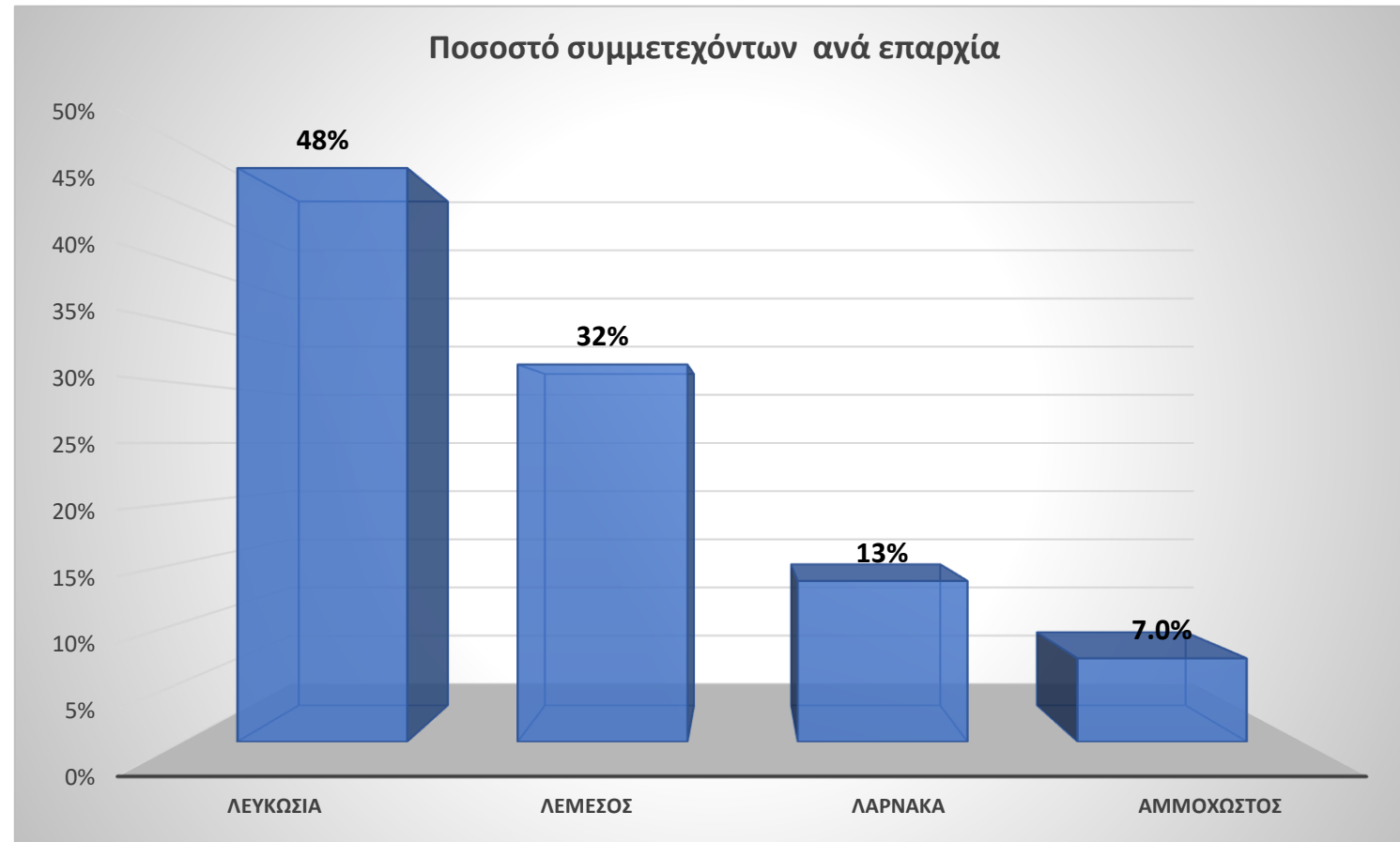
Αριθμός και ποσοστό συμμετεχόντων κατά φύλο



Population screening



Population screening



Population screening

- One case (0.1%) – Female – 26 years old in Nicosia
- Onset of symptoms: 3 days before the test
- Contacts are investigated
- 3% reported a previous test for COVID-19
- 6% reported COVID-19 like symptoms over the last 14 days

Mathematical Modeling of COVID-19 Pandemic

Research Team

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