

Coronavirus Disease 2019 (COVID-19) in Cyprus

Surveillance Report as of 22/09/2020

Nicosia 25/09/2020

Data in brief (as of 22/09/2020)

Laboratory-confirmed cases	Locally-acquired (%)	Recovered[§] (%)	Deaths (%)
1,620	1,028 (63.5%)	1,385 (87.1%)	29 (1.8%)

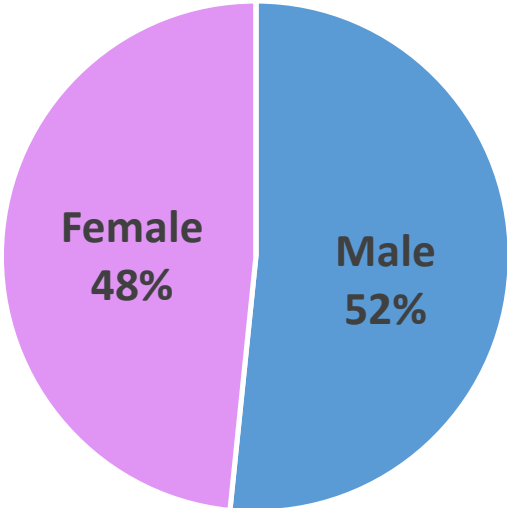
§Among cases alive

Hospital care / currently (%)	Currently in Intensive Care Unit*
217 (13.4%) / 12 (5.5%)	0

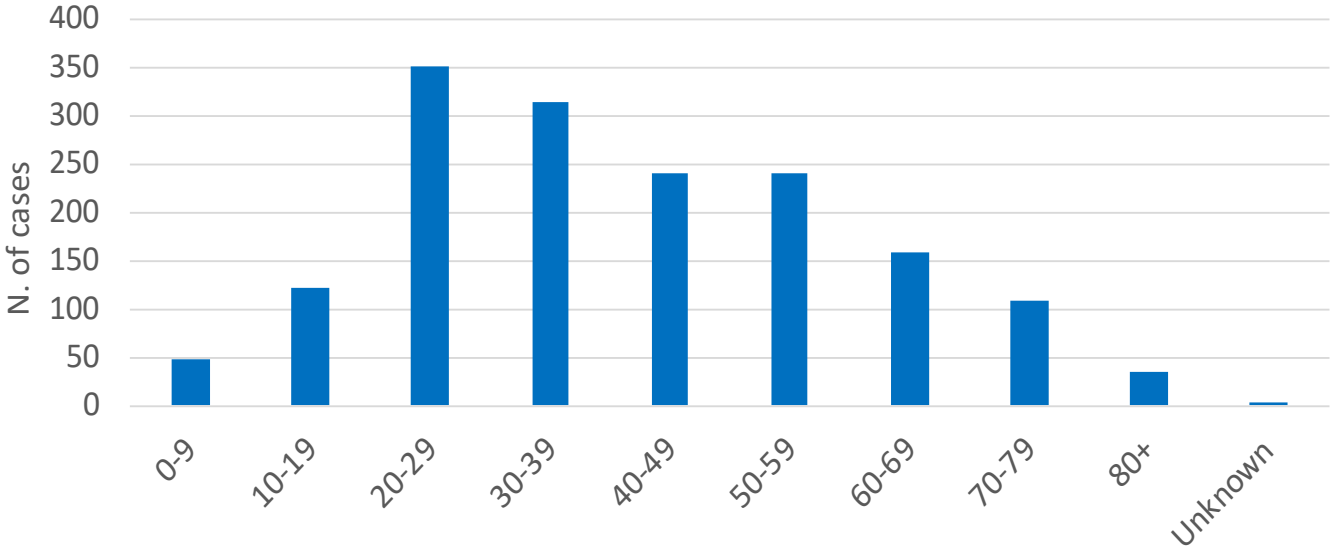
**Date of discharge/transfer/death included*

Distribution of cases by sex and age groups

Sex

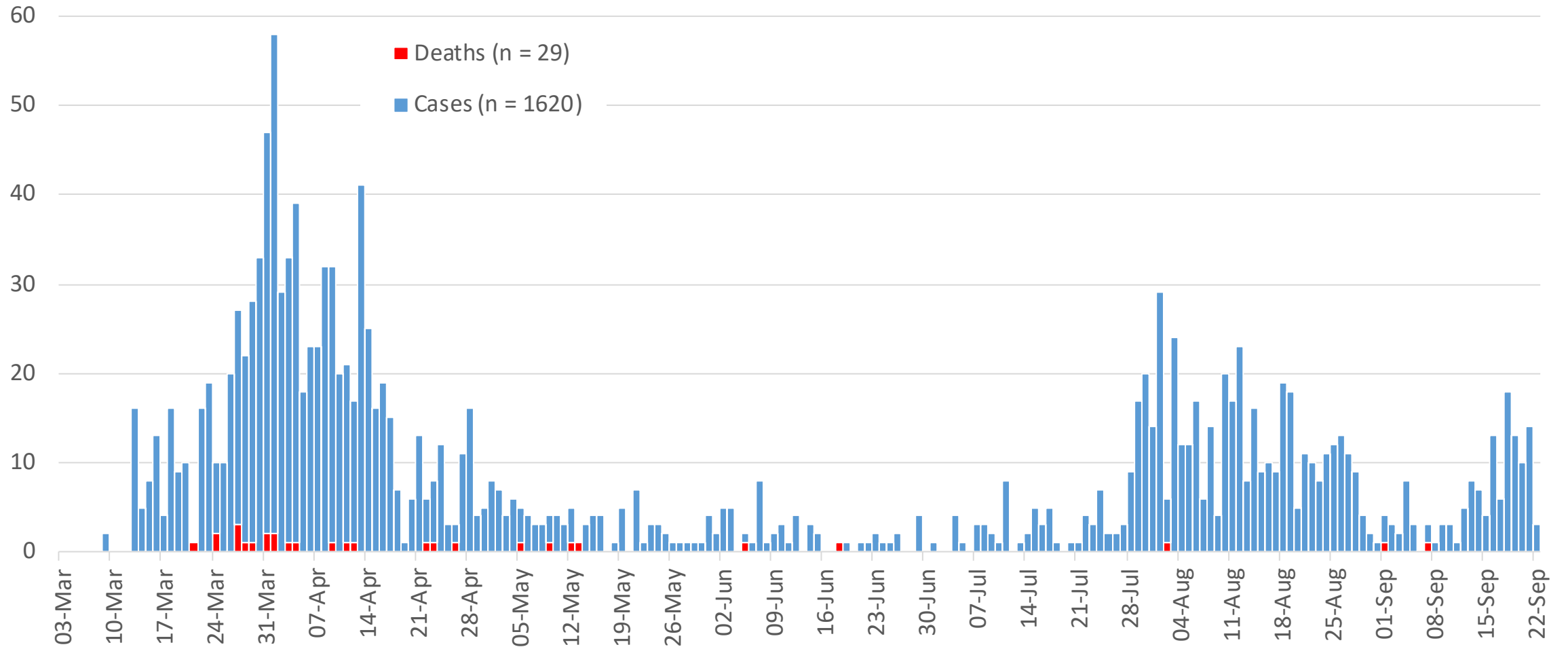


Age groups

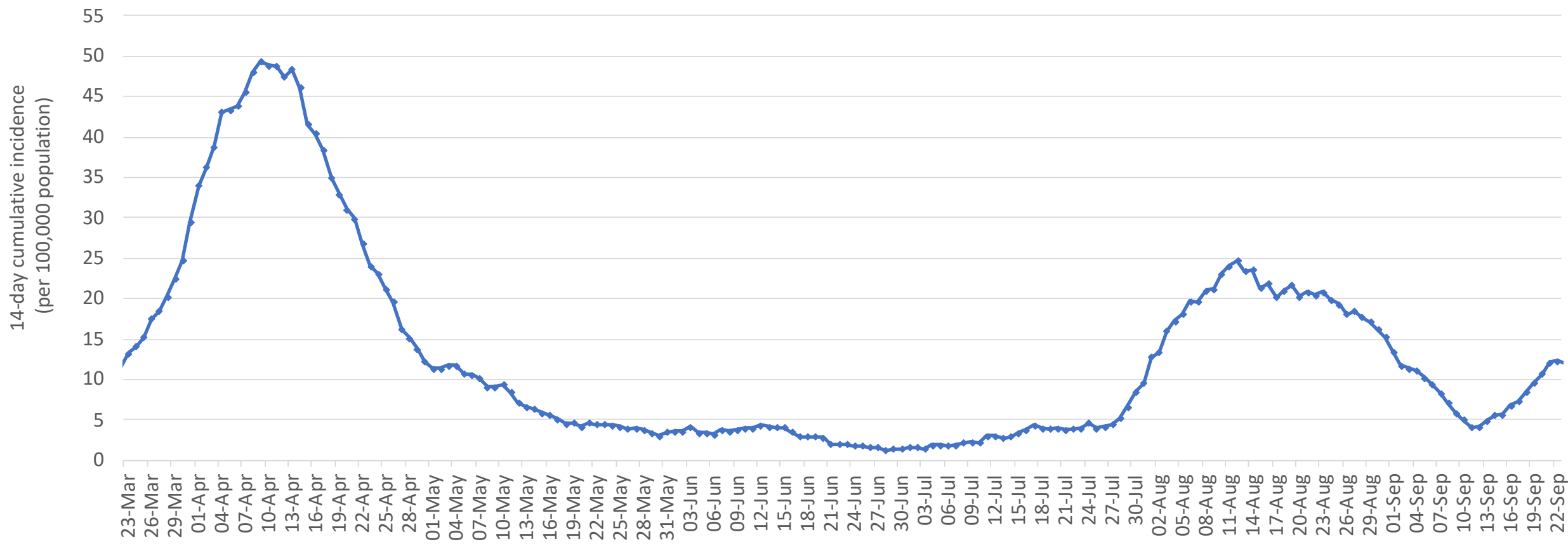


Median age: 39 years (interquartile range: 27-55 years)

Laboratory-confirmed cases and deaths by date of reporting

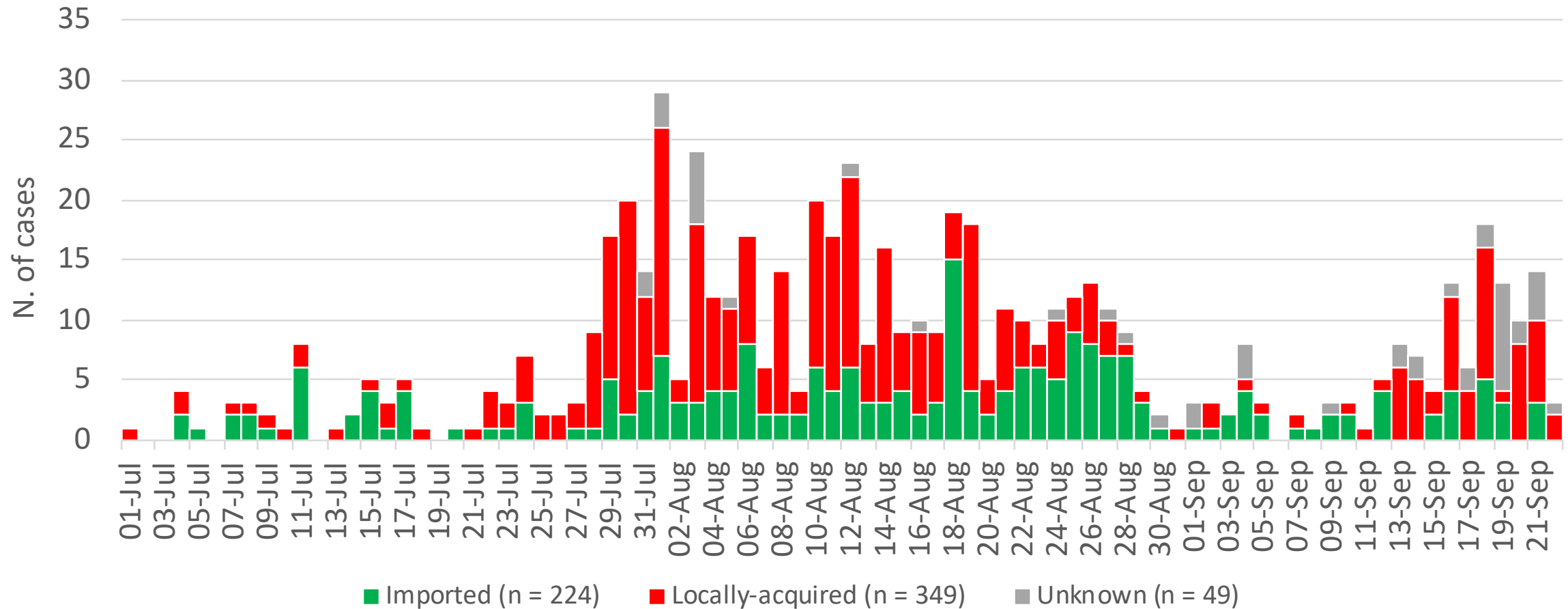


COVID-19 14-day cumulative incidence rate per 100,000 population (proxy of COVID-19 prevalence)



March 23rd: 14 days since the first reported case

COVID-19 cases by origin of infection, since July 1st (n = 622)

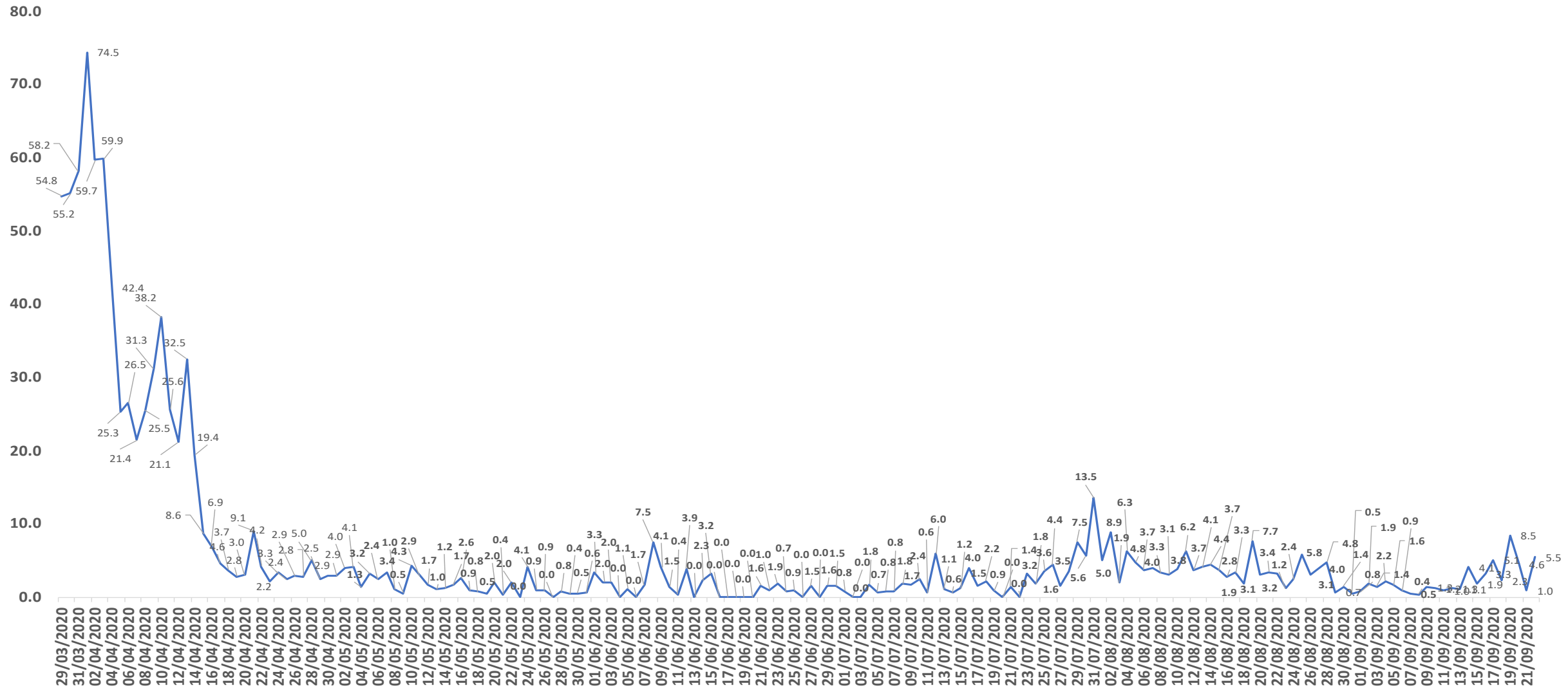


COVID-19 cases characteristics, since July 1st

Characteristics	Total (n = 622)		Imported (n = 224)		Locally-acquired (n = 349)		Unknown (n = 49)	
	N	%	N	%	N	%	N	%
Sex								
Male	339	54.5	137	61.2	172	49.3	30	61.2
Female	283	45.5	87	38.8	177	50.7	19	38.8
Age groups (years)								
0-9	18	2.9	2	0.9	15	4.3	1	2.0
10-19	72	11.6	21	9.4	46	13.2	5	10.2
20-29	199	32.0	103	46.0	82	23.5	14	28.6
30-39	118	19.0	48	21.4	61	17.5	9	18.4
40-49	76	12.2	17	7.6	54	15.5	5	10.2
50-59	67	10.8	17	7.6	44	12.6	6	12.2
60-69	44	7.1	7	3.1	33	9.5	4	8.2
70-79	23	3.7	8	3.6	12	3.4	3	6.1
80+	4	0.6	1	0.4	1	0.3	2	4.1
Unknown	1	0.2	0	0	1	0.3	0	0
Median age in years (IQR*)	31 (23-46)		28 (23-37)		34 (24-50)		35 (24-55)	
District								
Ammochostos	40	6.4	16	7.1	20	5.7	4	8.2
Larnaka	207	33.3	29	12.9	153	43.8	25	51.0
Limassol	153	24.6	53	23.7	97	27.8	3	6.1
Nicosia	115	18.5	43	19.2	59	16.9	13	26.5
Pafos	29	4.7	11	4.9	14	4.0	4	8.2
Other	78	12.5	72	32.1	6	1.7	0	0.0
Symptoms at diagnosis								
Yes	293	47.1	67	29.9	202	57.9	24	49.0
No	311	50.0	142	63.4	145	41.5	24	49.0
Unknown	18	2.9	15	6.7	2	0.6	1	2.0

IQR: interquartile range

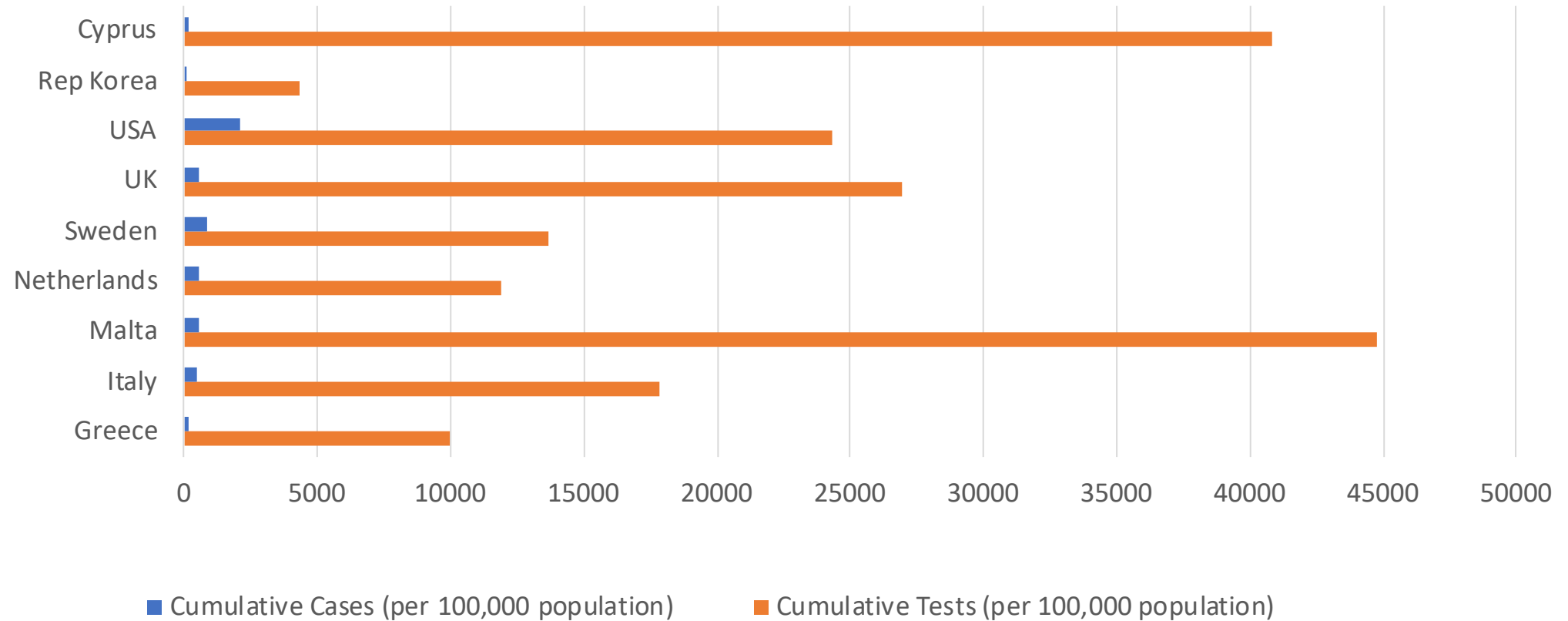
COVID-19 cases per 1000 diagnostic tests*



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

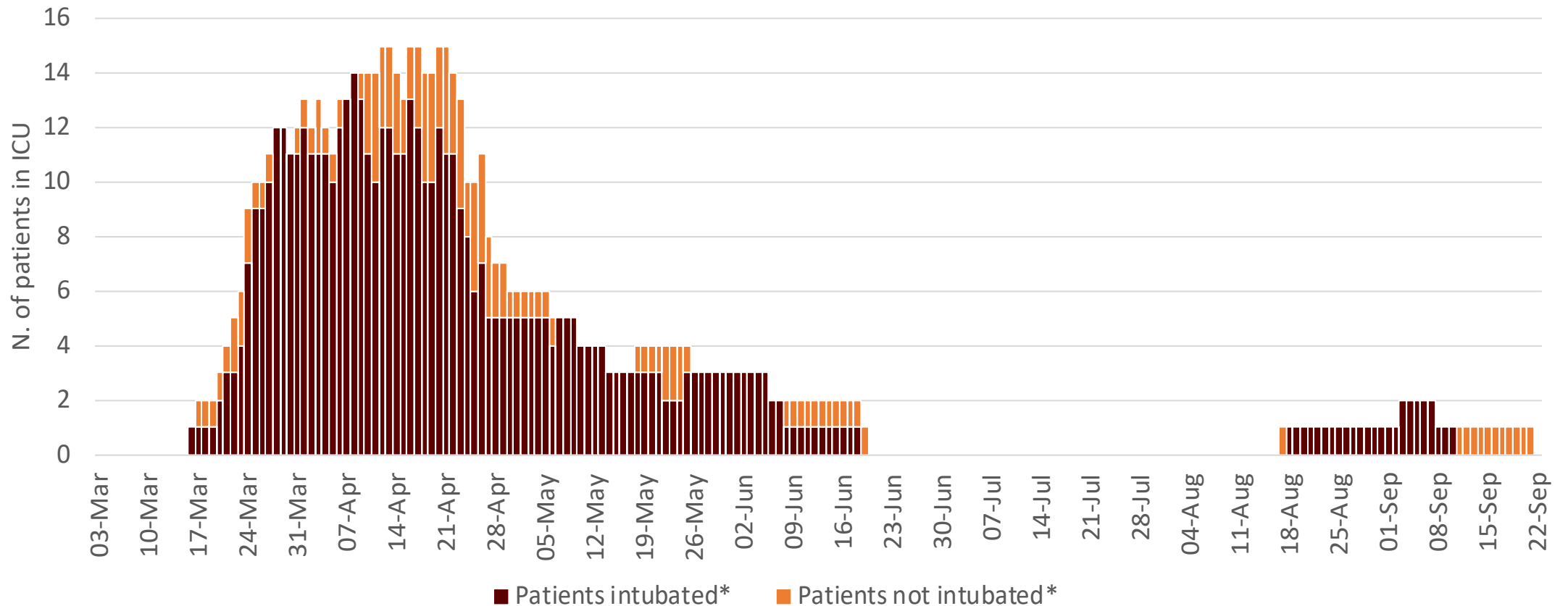
Comparison with other countries - cases and tests

(as of 22/09/2020)



Cases in intensive care units (ICU)*

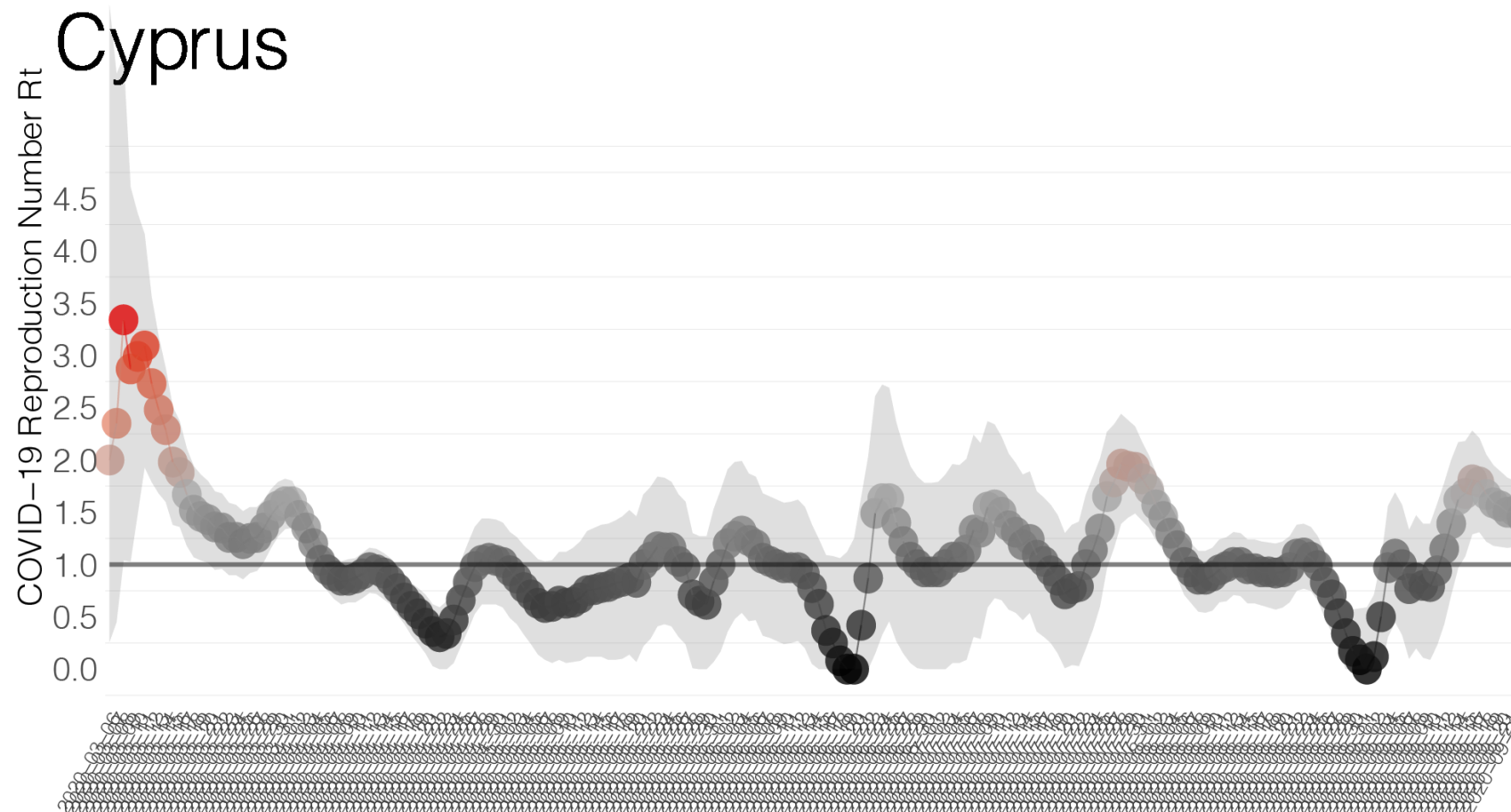
- 34 (2.1% of all cases) have ever been admitted to ICU



*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

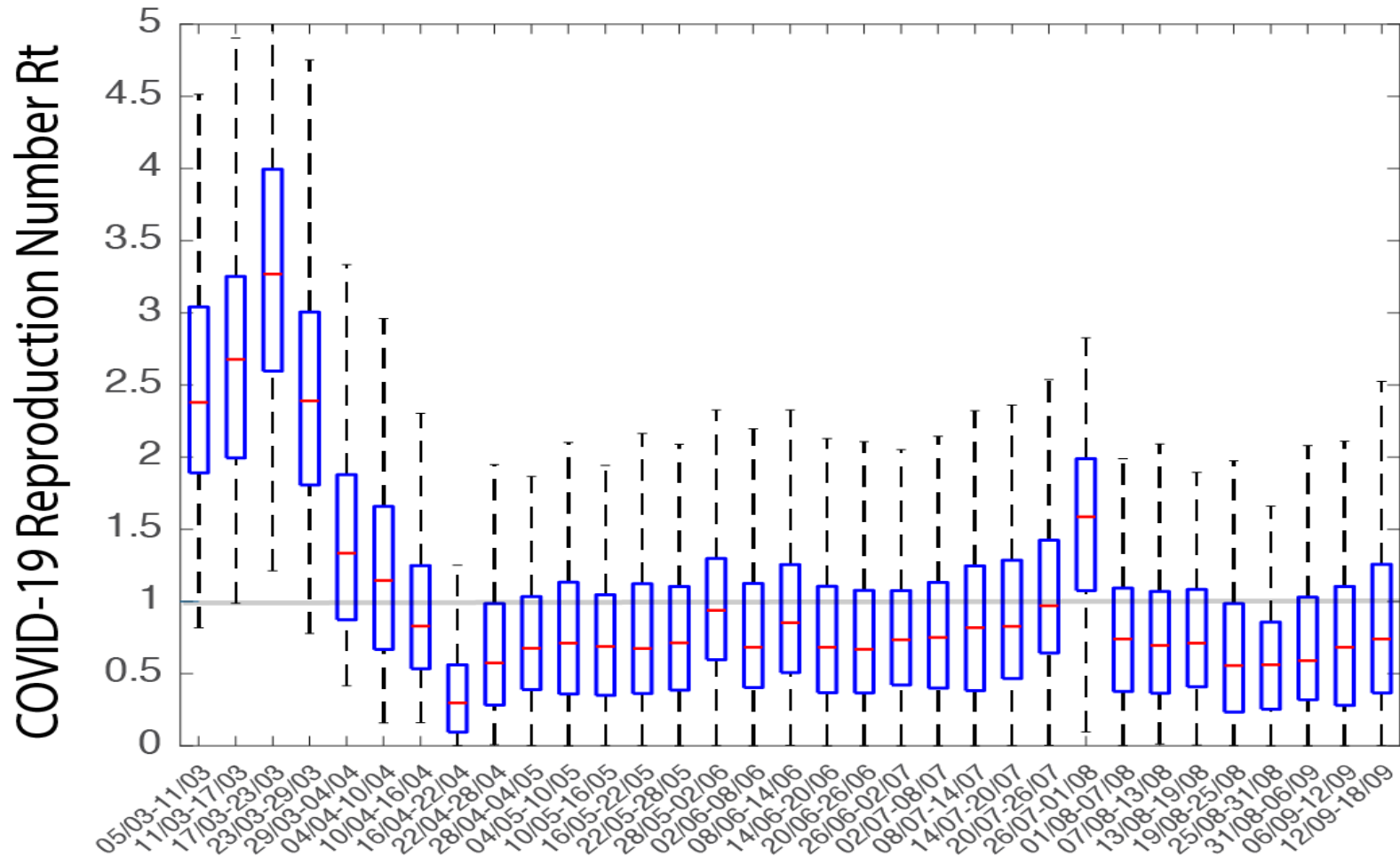
Effective reproductive number (Rt) – Method A

R_t 16 - 22 Sep: 1.5 (1.13 - 1.73)



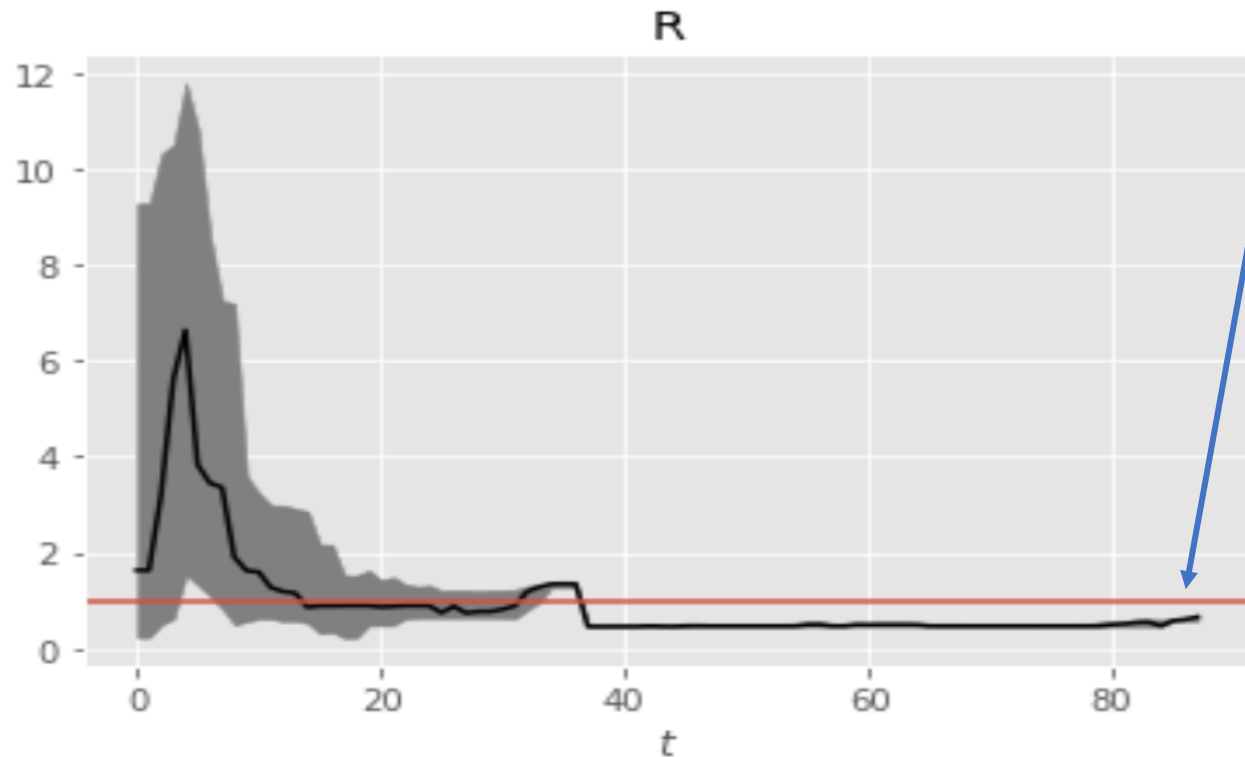
Effective reproductive number (R_t) – Method B

R_t 12 - 18 Sep: 0.68



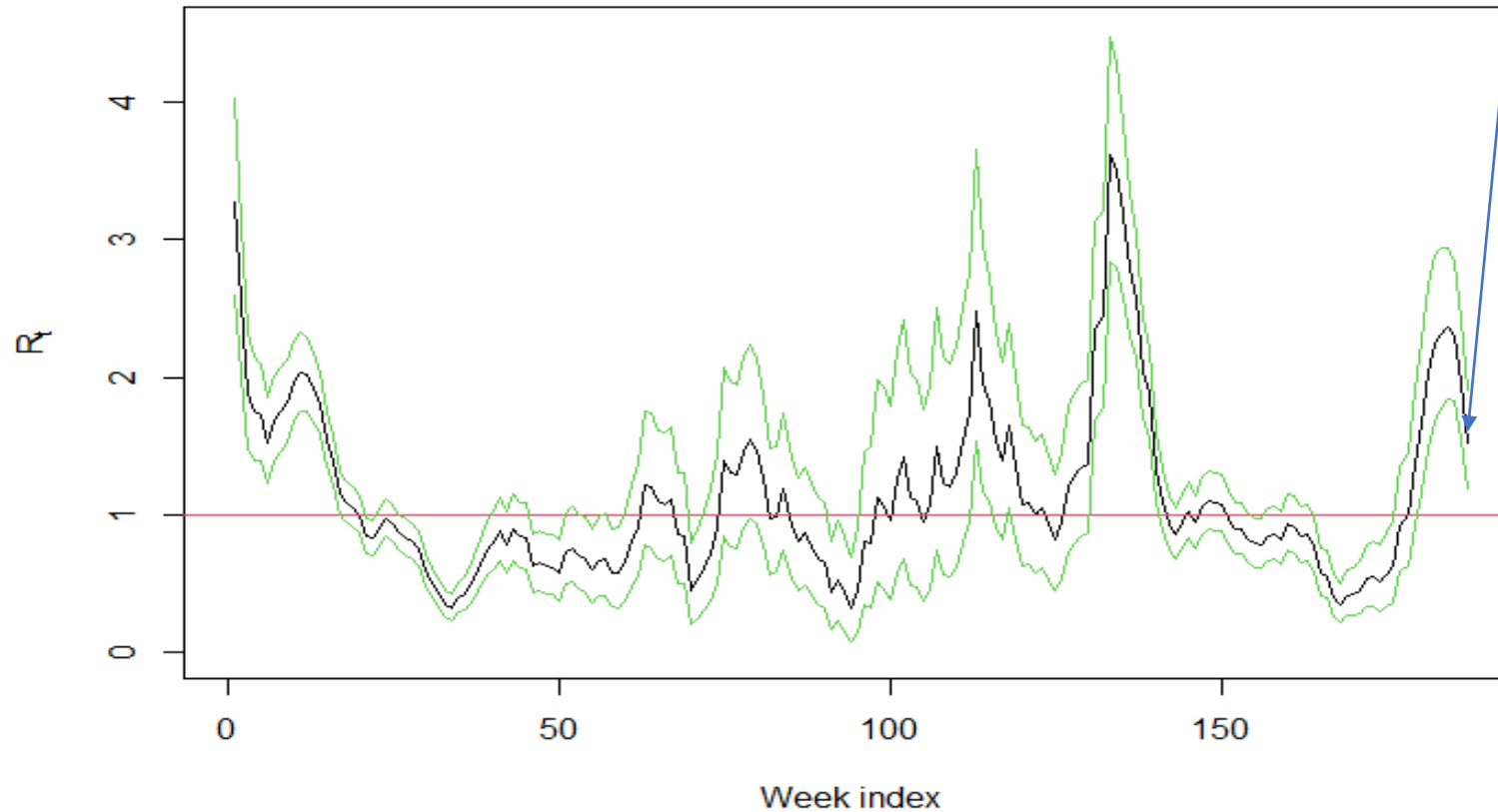
Effective reproductive number (R_t) – Method C

R_t recent days: 0.6 (90% credibility interval for the last day 0.57-0.67)



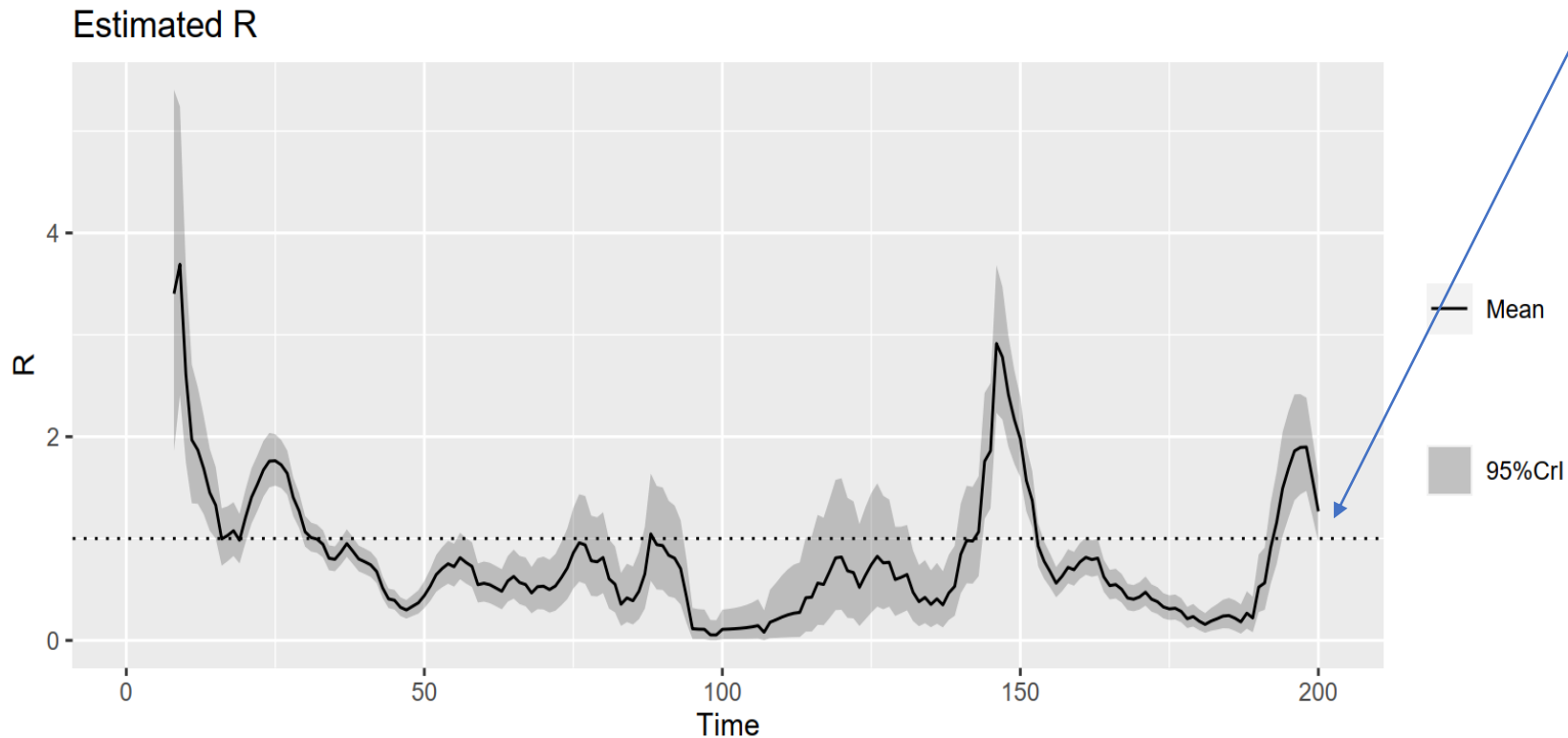
Effective reproductive number (R_t) – Method D (all cases)

R_t 16 - 22 Sep: 1.52 (1.19 - 1.89)

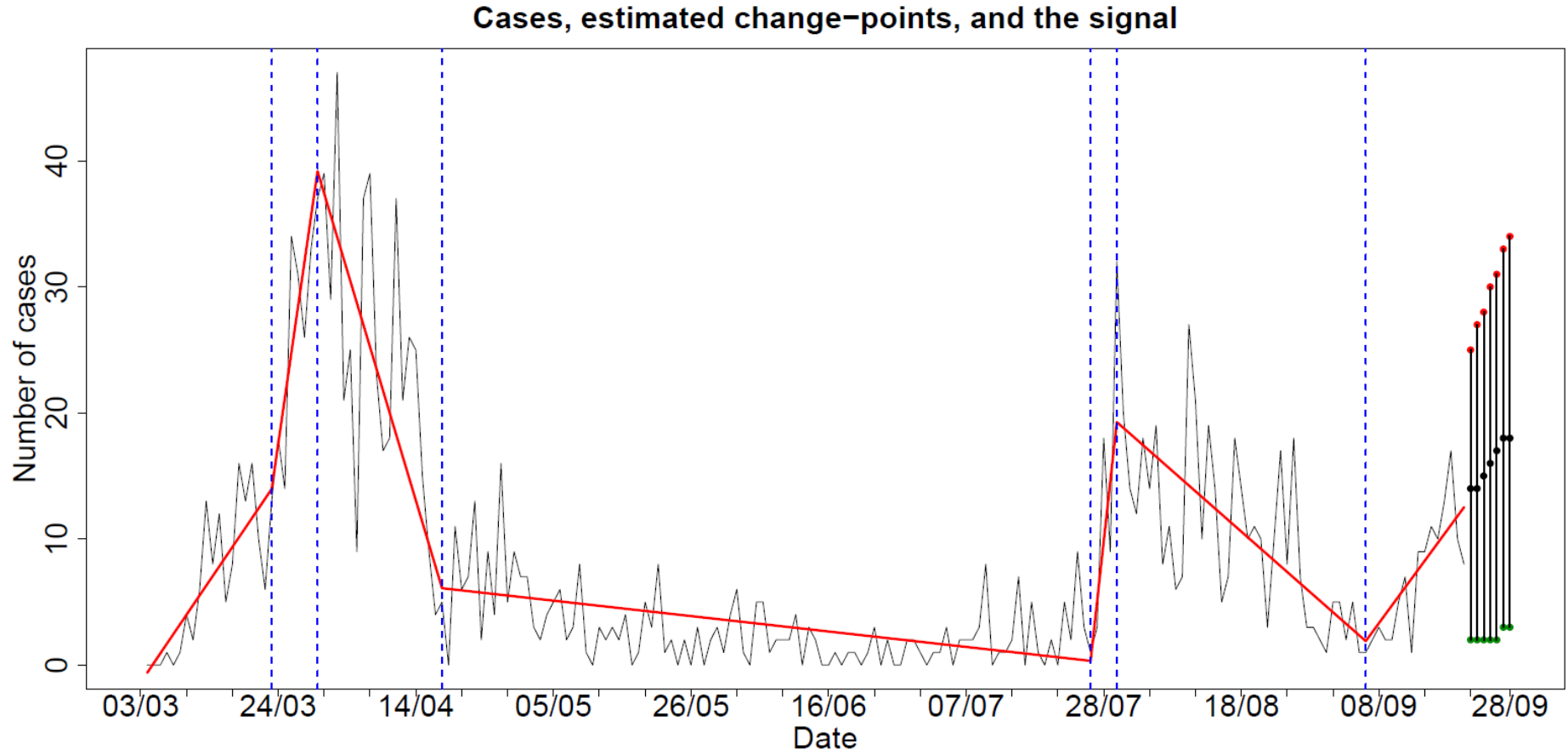


Effective reproductive number (R_t) – Method D (only locally-acquired cases)

R_t 16 - 22 Sep: 1.26 (0.97 - 1.61)



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