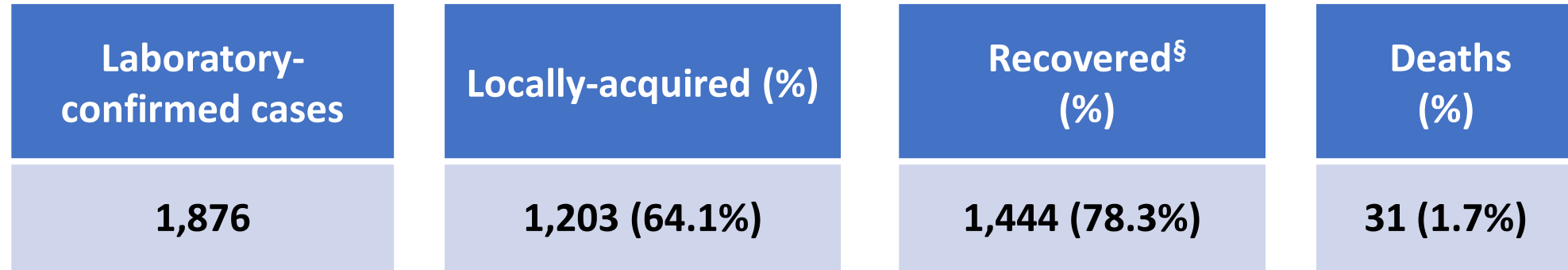


Coronavirus Disease 2019 (COVID-19) in Cyprus

Surveillance Report as of 06/10/2020

Nicosia 08/10/2020

Data in brief (as of 06/10/2020)



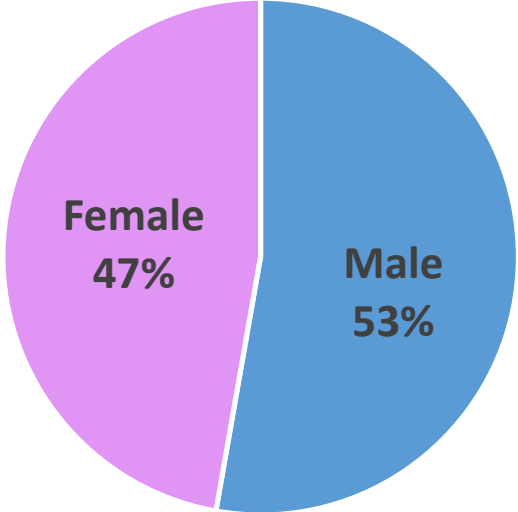
§Among cases alive



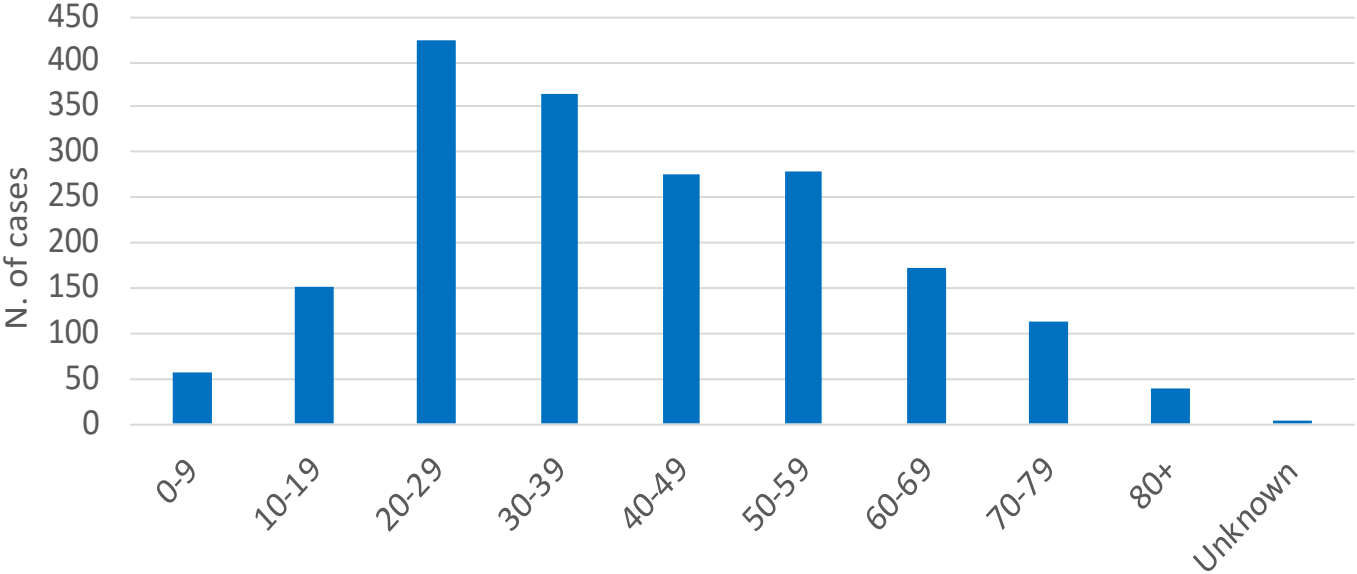
**Date of discharge/transfer/death included*

Distribution of cases by sex and age groups

Sex

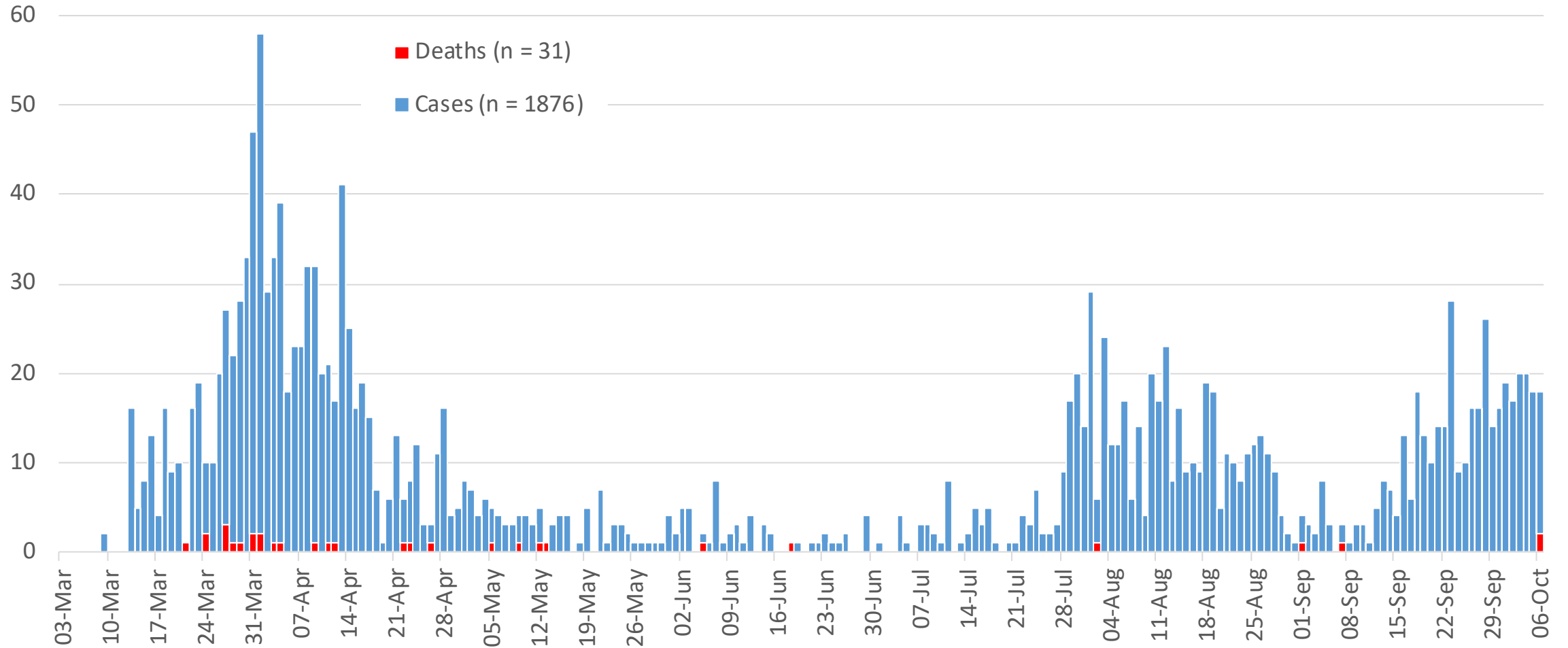


Age groups

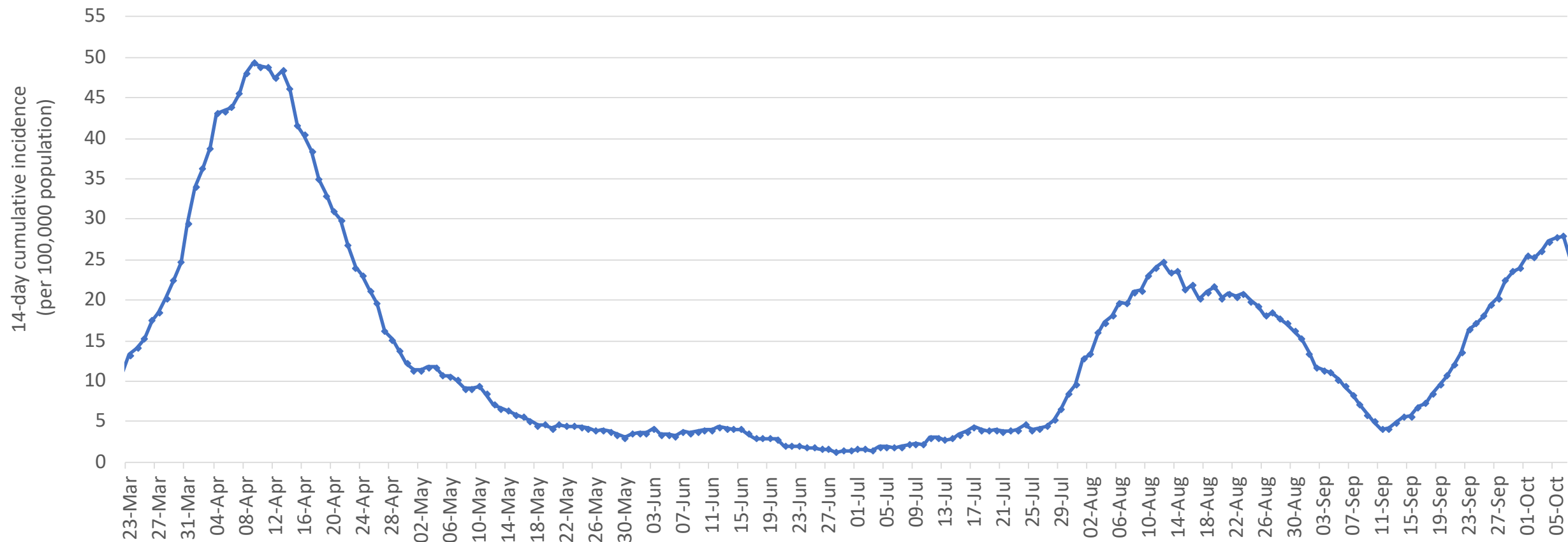


Median age: 37 years (interquartile range: 26-54 years)

Laboratory-confirmed cases and deaths by date of reporting

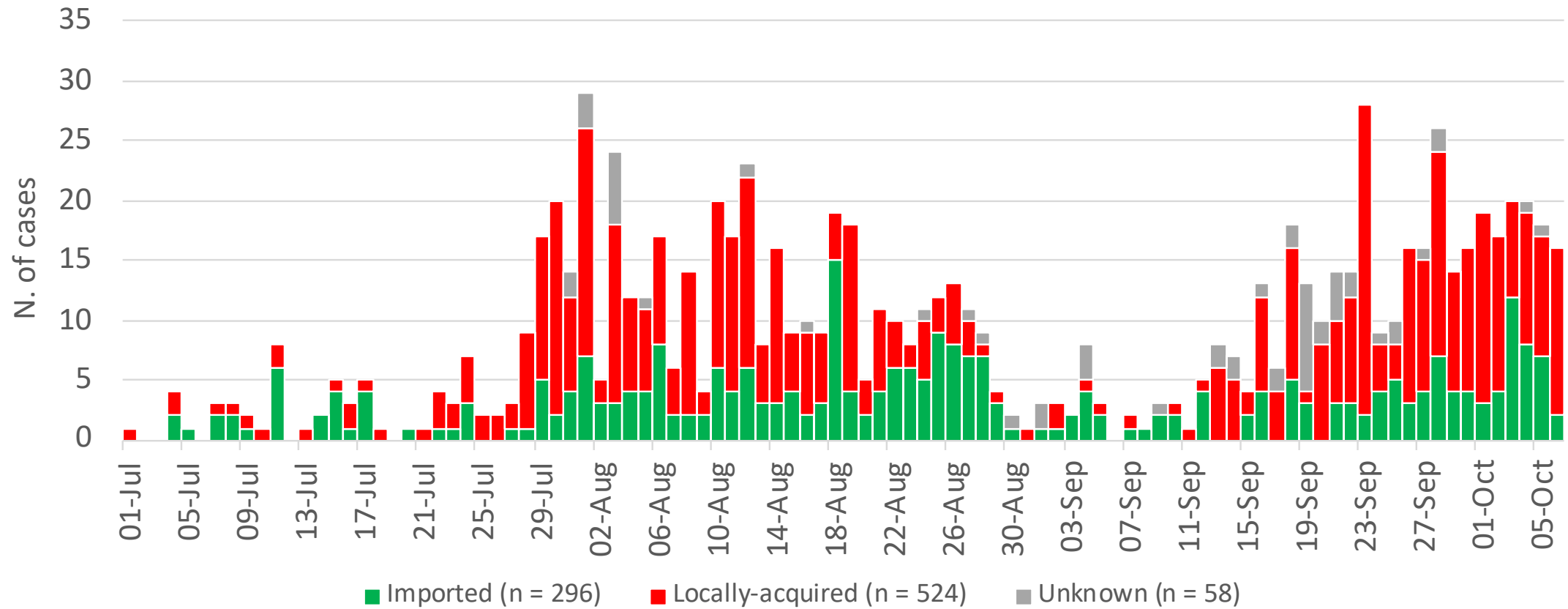


COVID-19 14-day cumulative incidence rate per 100,000 population (proxy of COVID-19 prevalence)



March 23rd: 14 days since the first reported case

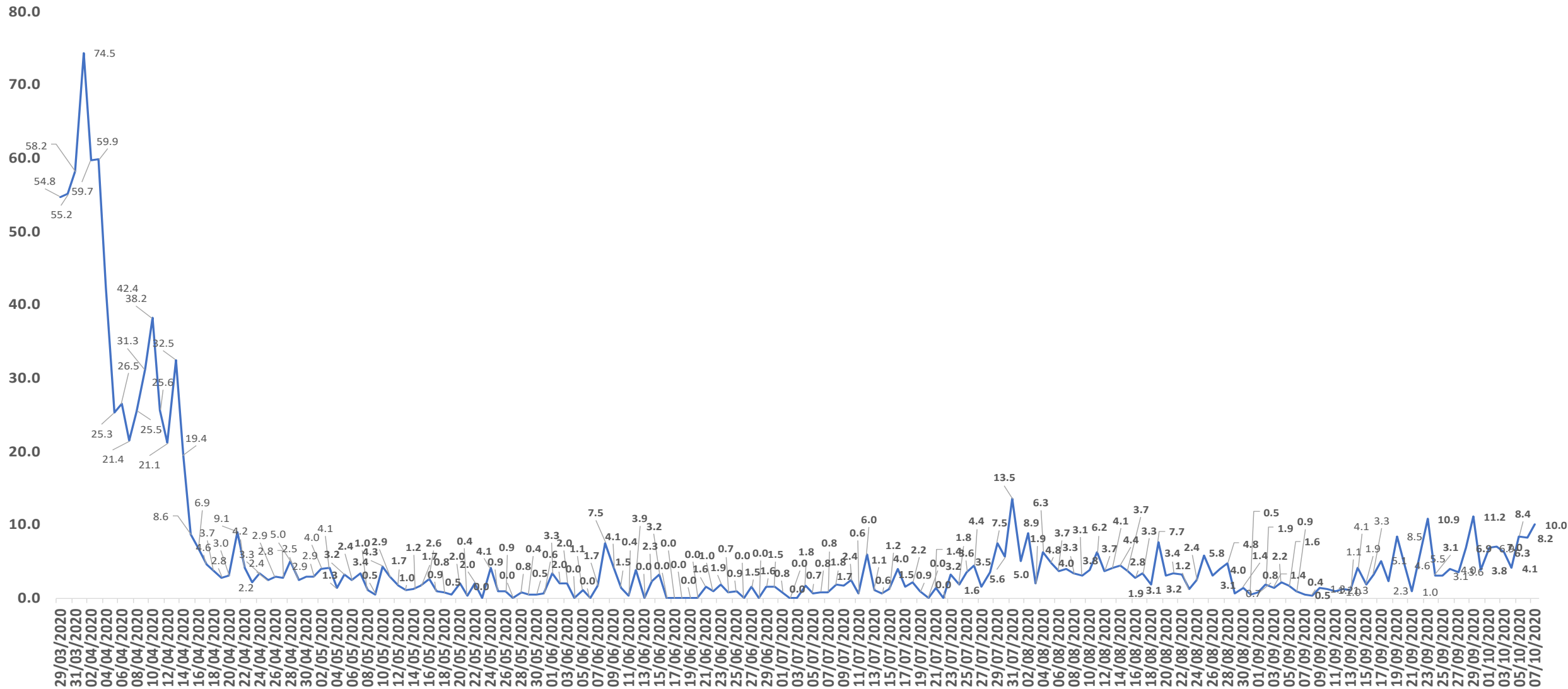
COVID-19 cases by origin of infection, since July 1st, 2020 (n = 878)



COVID-19 cases characteristics, since July 1st, 2020

Characteristics	Total (n = 878)		Imported (n = 296)		Locally-acquired (n = 524)		Unknown (n = 58)	
	N	%	N	%	N	%	N	%
Sex								
Male	482	54.9	172	58.1	274	52.3	36	62.1
Female	396	45.1	124	41.9	250	47.7	22	37.9
Age groups (years)								
0-9	26	3.0	3	1.0	22	4.2	1	1.7
10-19	103	11.7	24	8.1	74	14.1	5	8.6
20-29	272	31.0	128	43.2	129	24.6	15	25.9
30-39	169	19.2	61	20.6	97	18.5	11	19.0
40-49	111	12.6	27	9.1	78	14.9	6	10.3
50-59	106	12.1	33	11.1	66	12.6	7	12.1
60-69	56	6.4	9	3.0	40	7.6	7	12.1
70-79	26	3.0	9	3.0	13	2.5	4	6.9
80+	7	0.8	1	0.3	1	0.2	5	8.6
Unknown	2	0.2	1	0.3	1	0.2	0	0.0
Median age in years (IQR*)	31 (23-47)		29 (24-41.5)		33 (23-48)		35 (24-57)	
District								
Ammochostos	80	9.1	22	7.4	54	10.3	4	6.9
Larnaka	297	33.8	40	13.5	225	42.9	32	55.2
Limassol	213	24.3	76	25.7	133	25.4	4	6.9
Nicosia	145	16.5	52	17.6	80	15.3	13	22.4
Pafos	47	5.4	24	8.1	19	3.6	4	6.9
Other	96	10.9	82	27.7	13	2.5	1	1.7
Symptoms at diagnosis								
Yes	452	51.5	100	33.8	320	61.1	32	55.2
No	410	46.7	181	61.1	203	38.7	26	44.8
Unknown	16	1.8	15	5.1	1	0.2	0	0.0

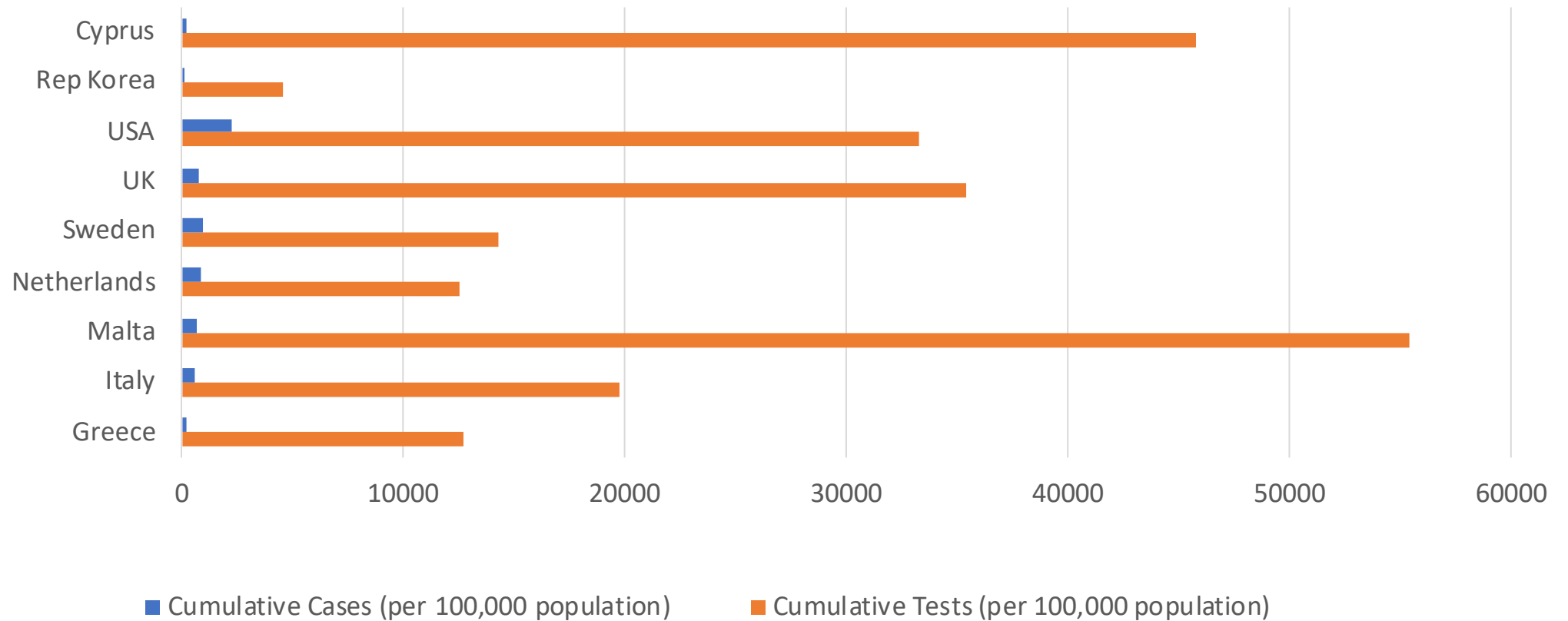
COVID-19 cases per 1000 diagnostic tests*



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

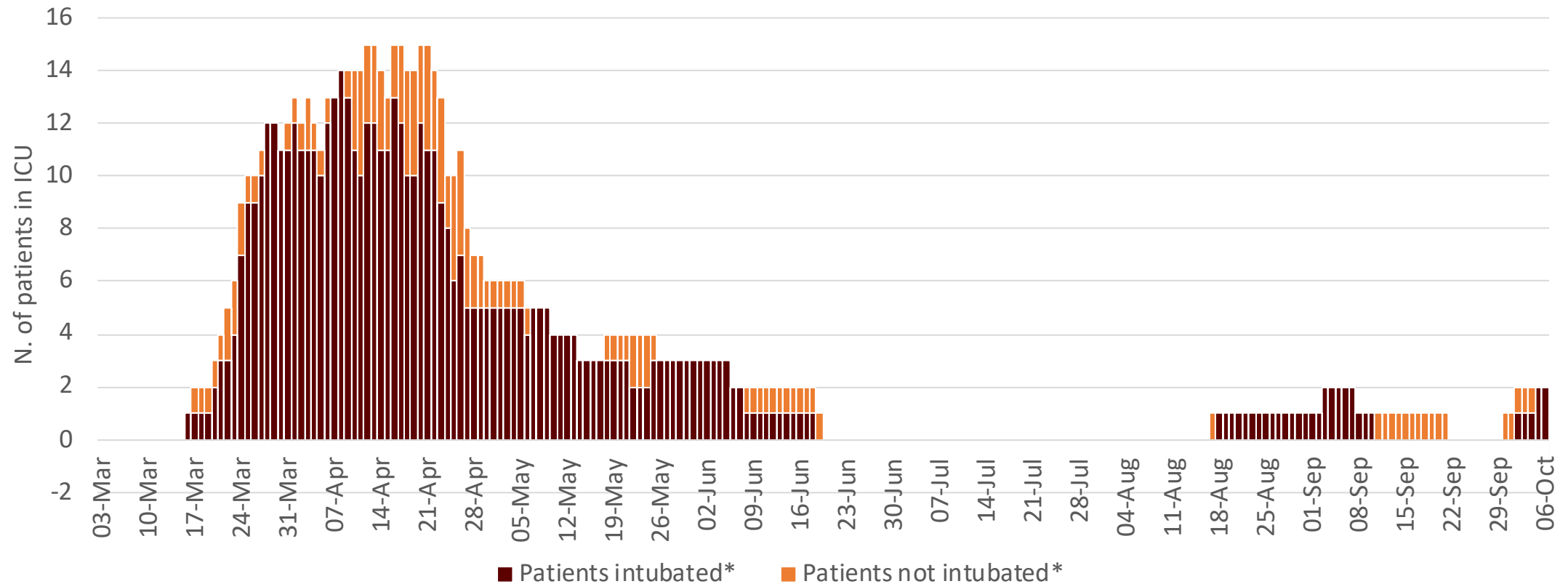
Comparison with other countries - cases and tests

(as of 06/10/2020)



Cases in intensive care units (ICU)*

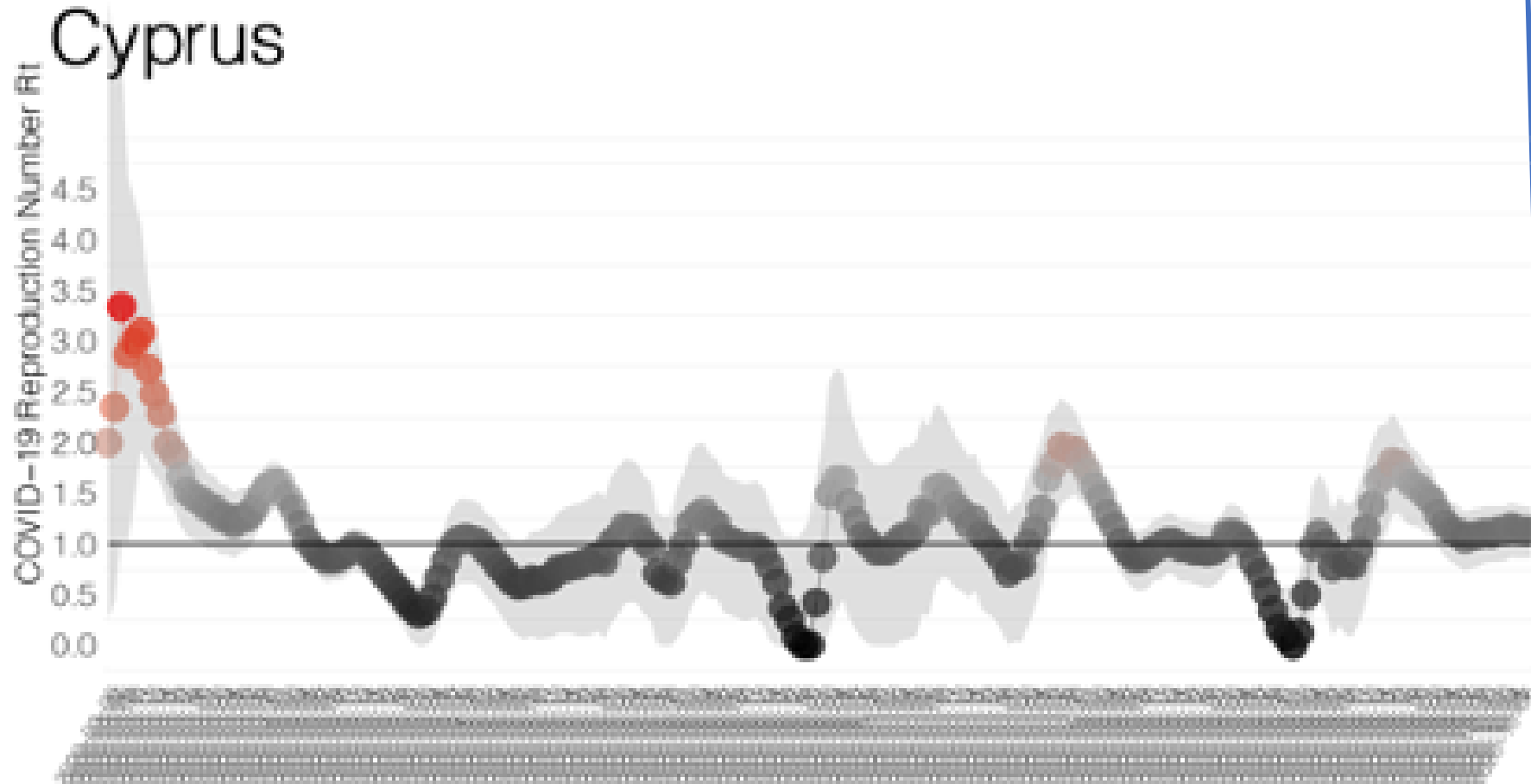
- 36 (1.9% of all cases) have ever been admitted to ICU



*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

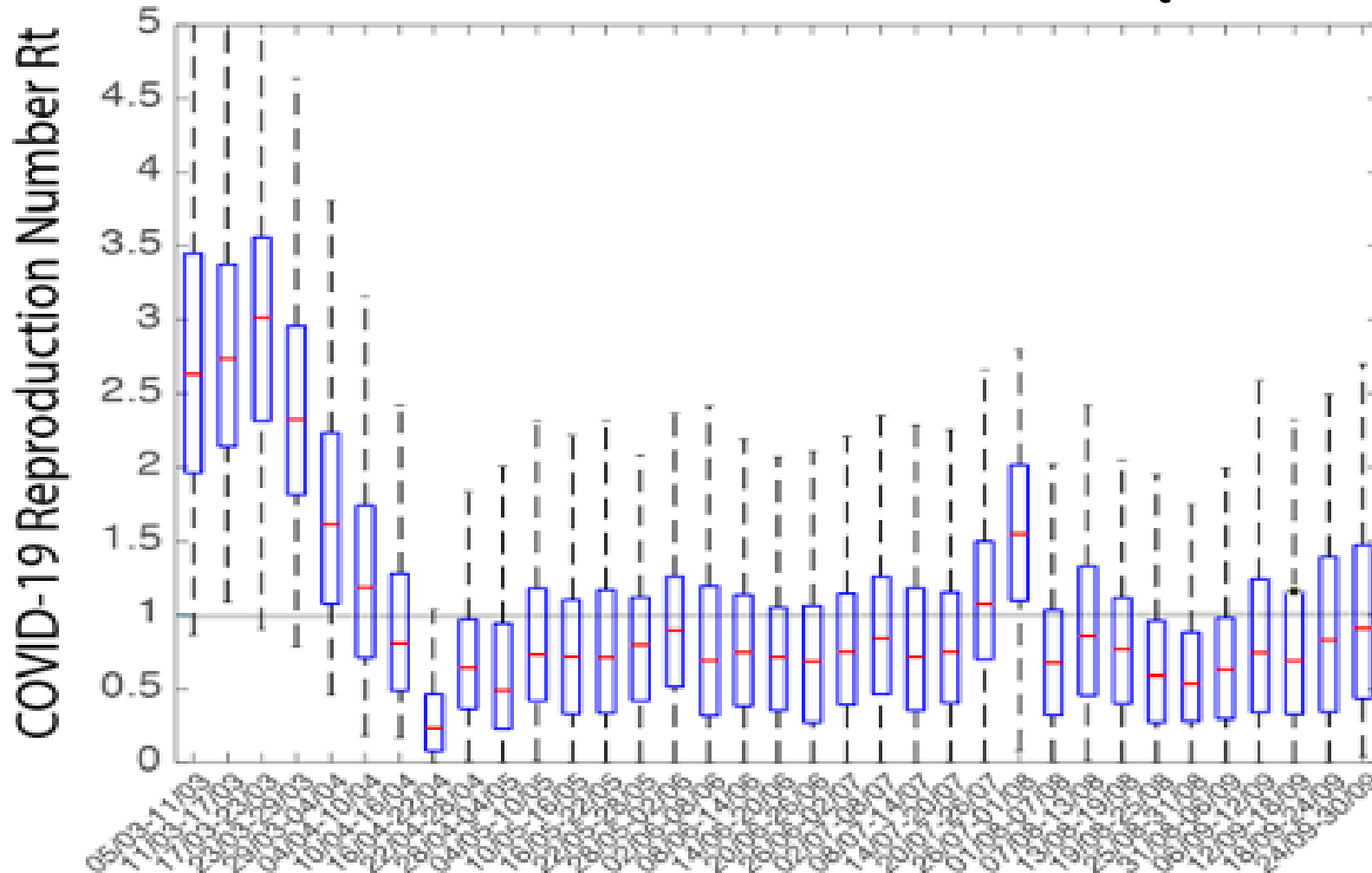
Effective reproductive number (Rt) – Method A

R_t 30 Sep - 06 Oct: 1.1 (0.9 - 1.4)



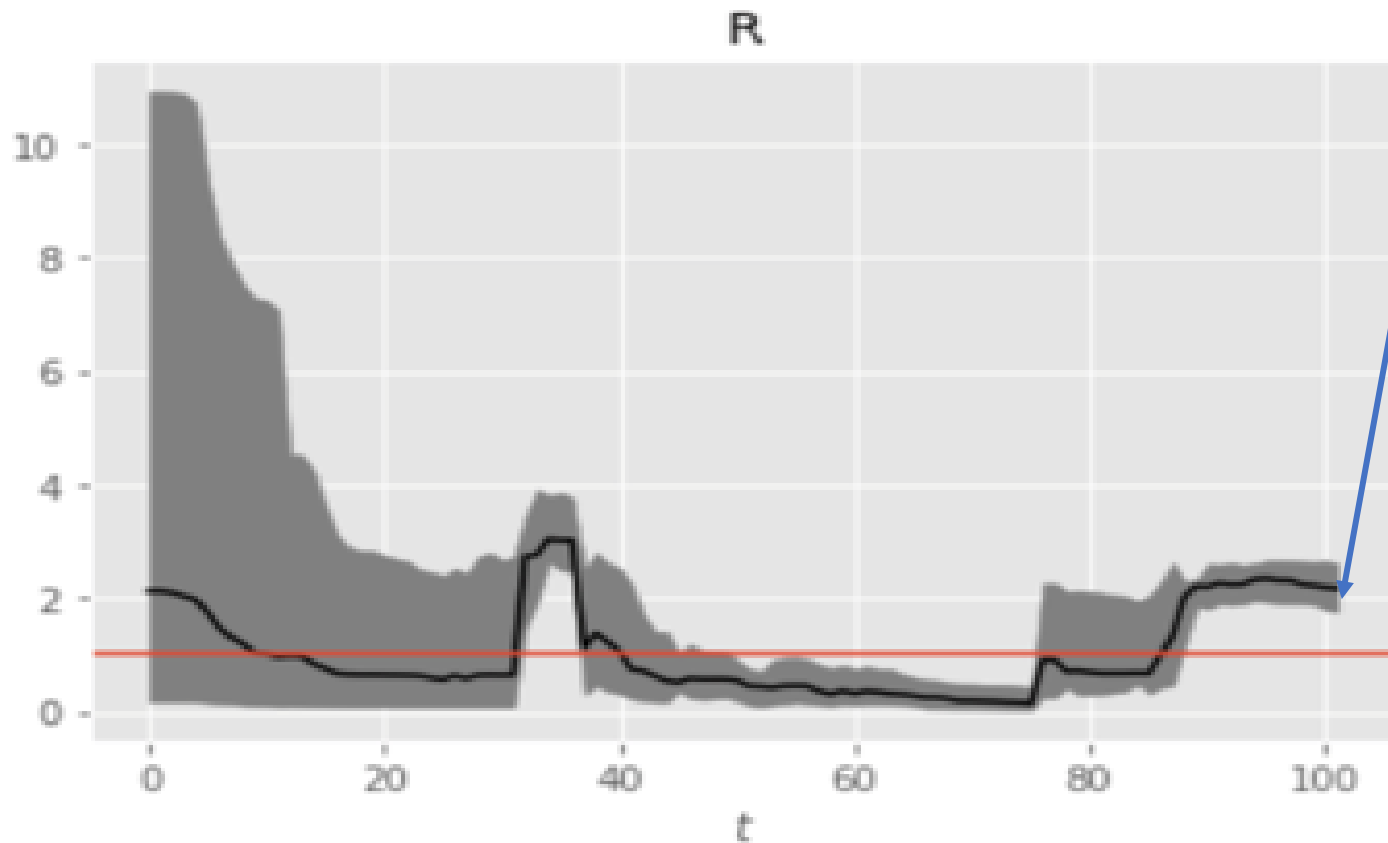
Effective reproductive number (R_t) – Method B

R_t 24 - 30 Sep: 0.98



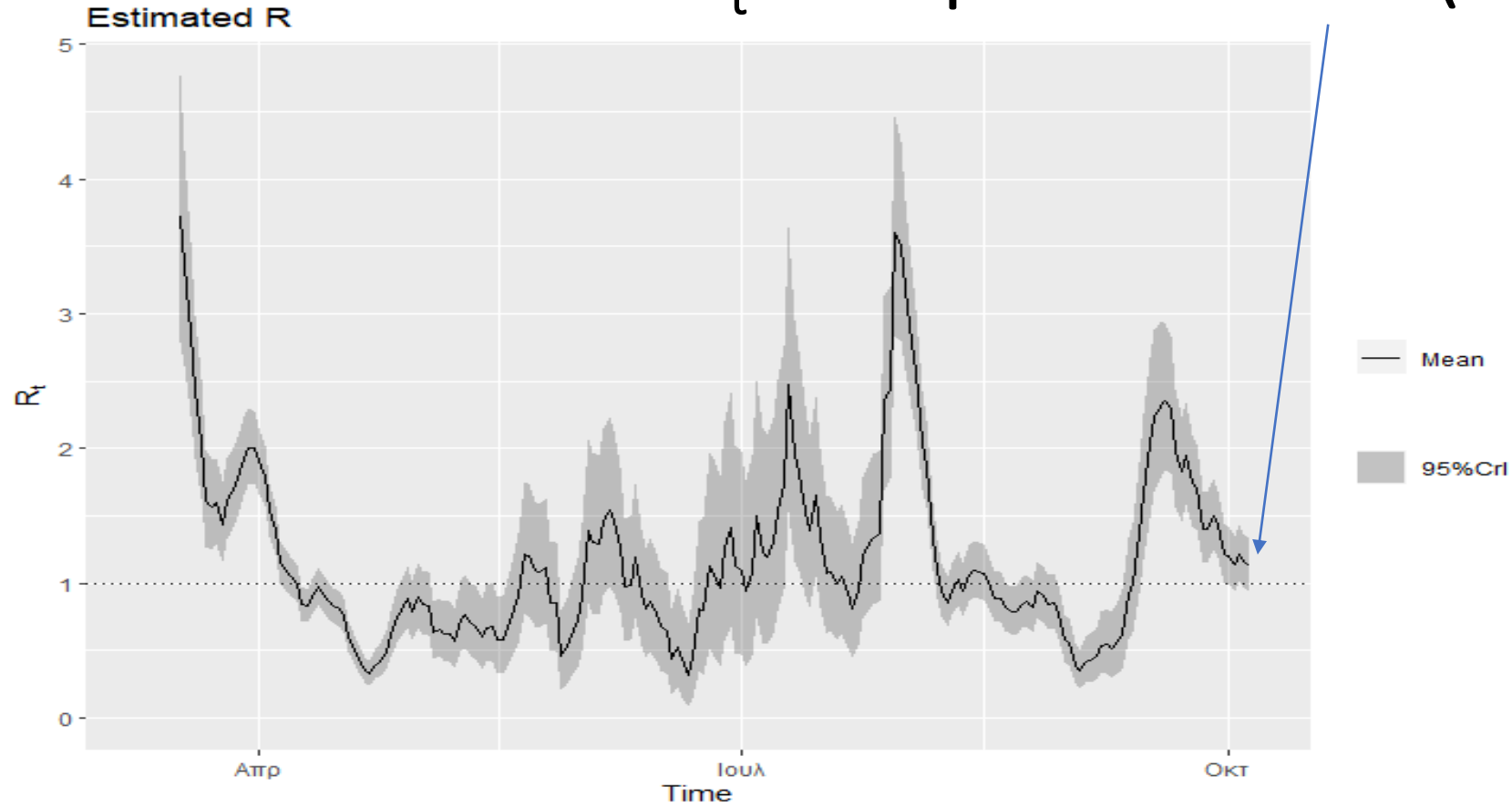
Effective reproductive number (R_t) – Method C

R_t recent days: 2 (90% credibility interval for the last day 1.8-2.6)



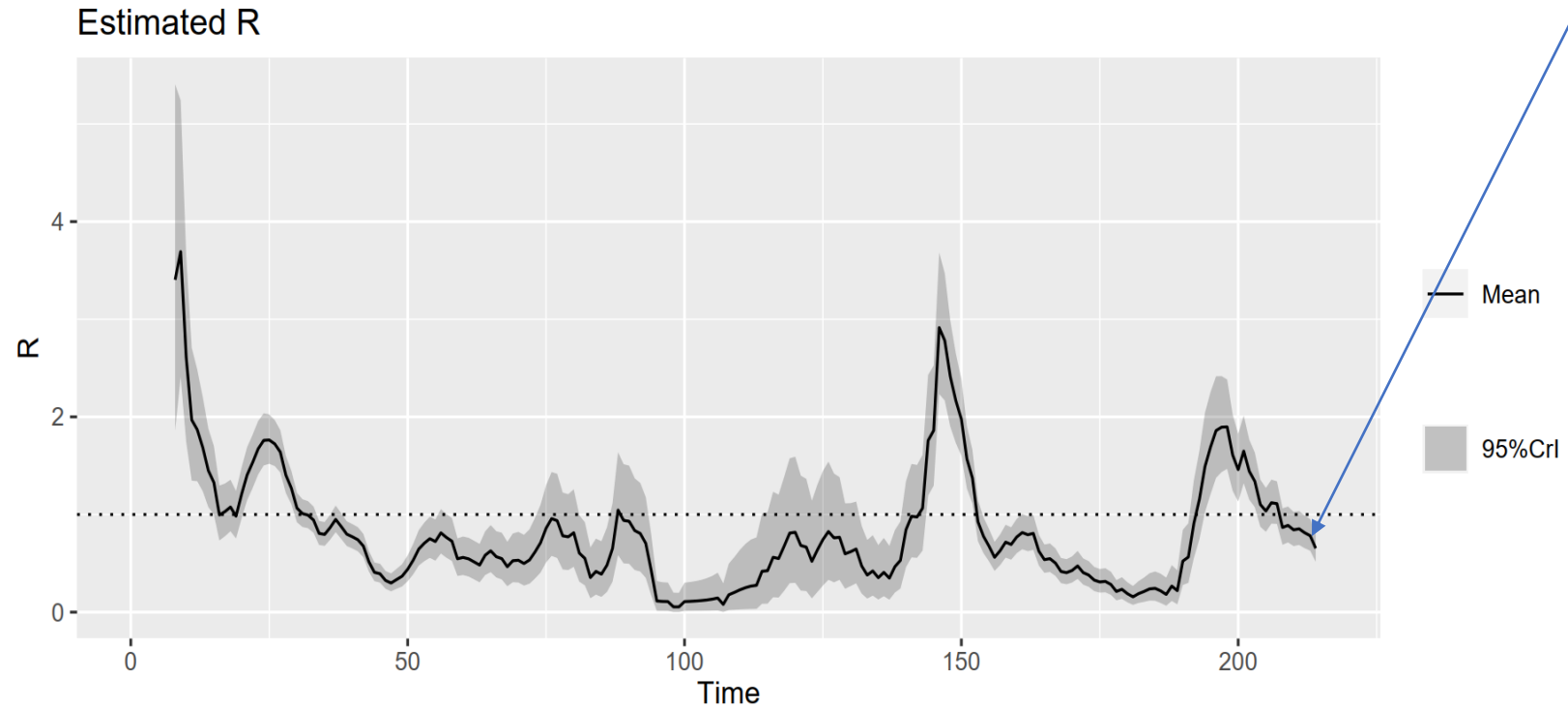
Effective reproductive number (R_t) – Method D (all cases)

R_t 29 Sep – 05 Oct: 1.1 (0.9 - 1.3)

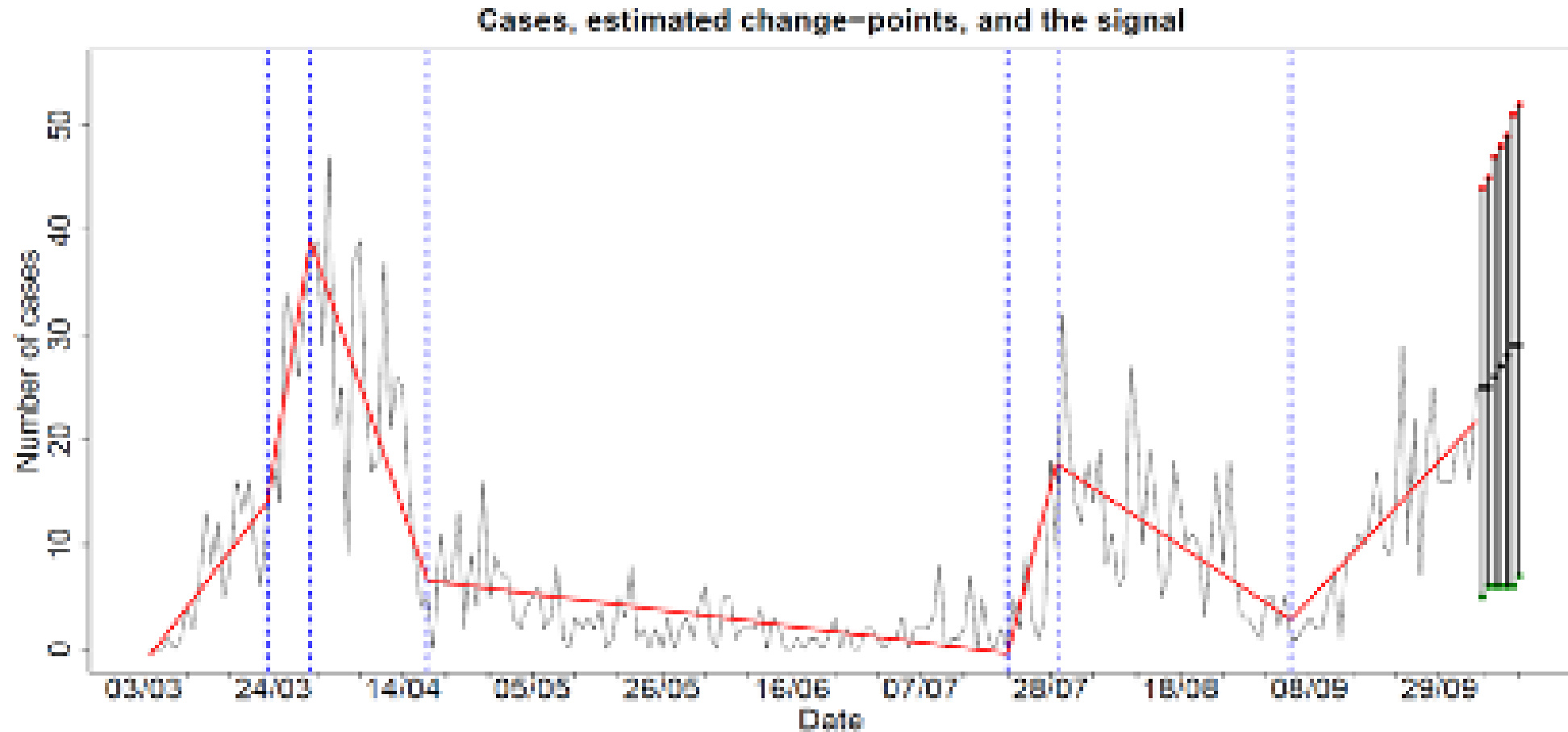


Effective reproductive number (R_t) – Method D (based on locally-acquired cases)

R_t 29 Sep – 05 Oct : 0.7 (0.5 - 0.8)



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