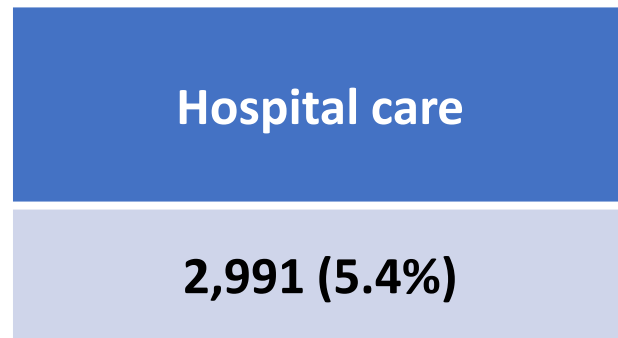
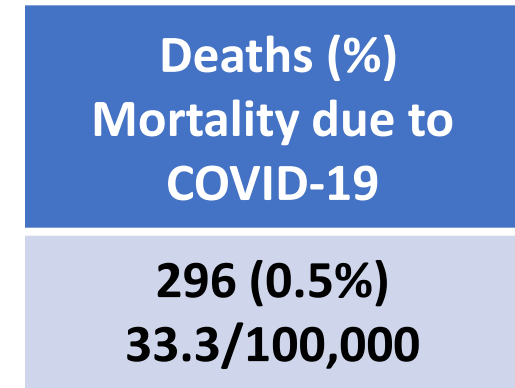
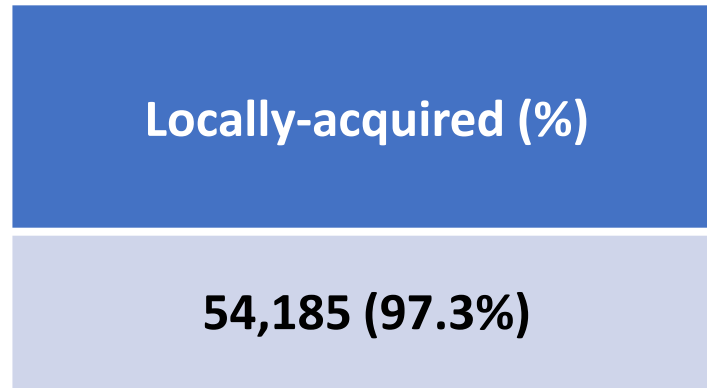
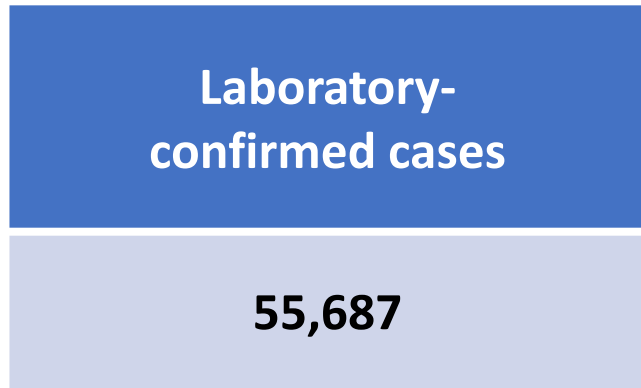


Coronavirus Disease 2019 (COVID-19) in the Republic of Cyprus

Surveillance Report as of 19/04/2021

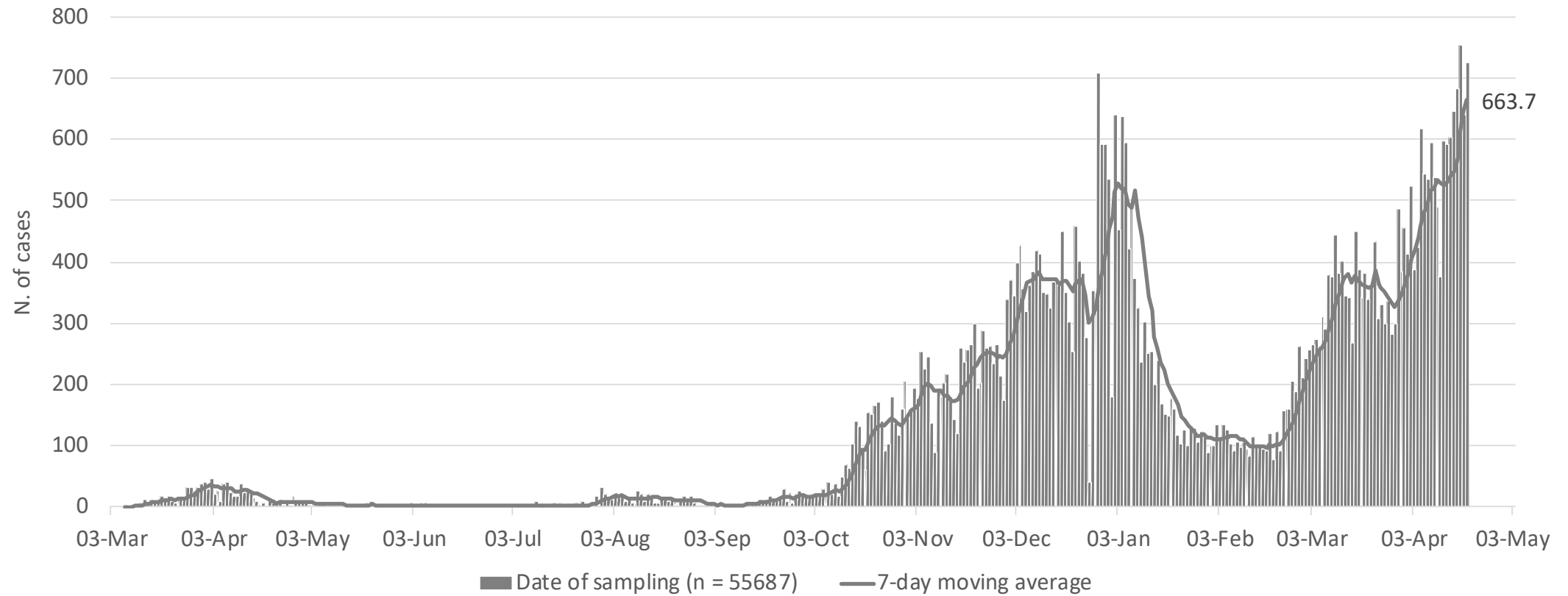
Nicosia 23/04/2021

Data in brief



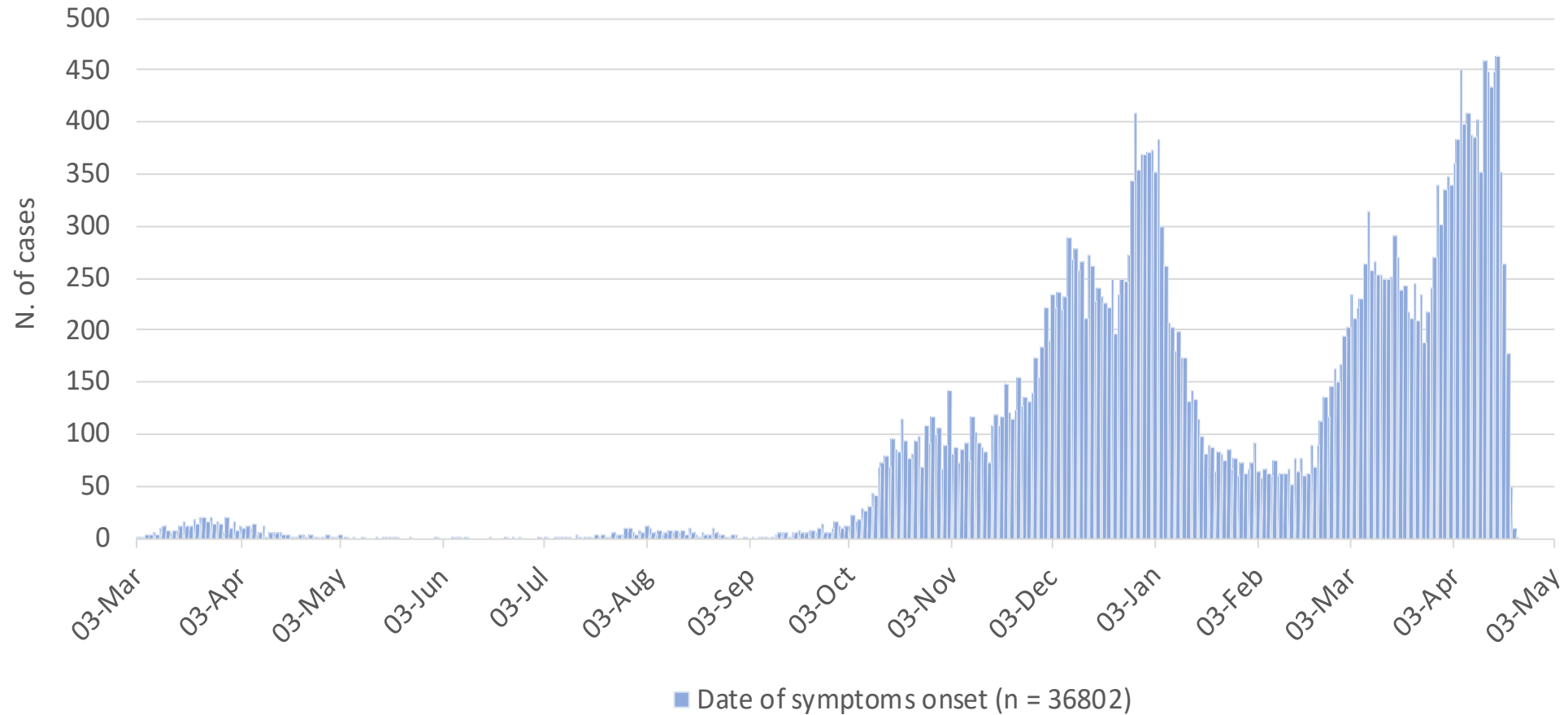
**Date of discharge/transfer/death included*

Laboratory-confirmed cases by date of sampling

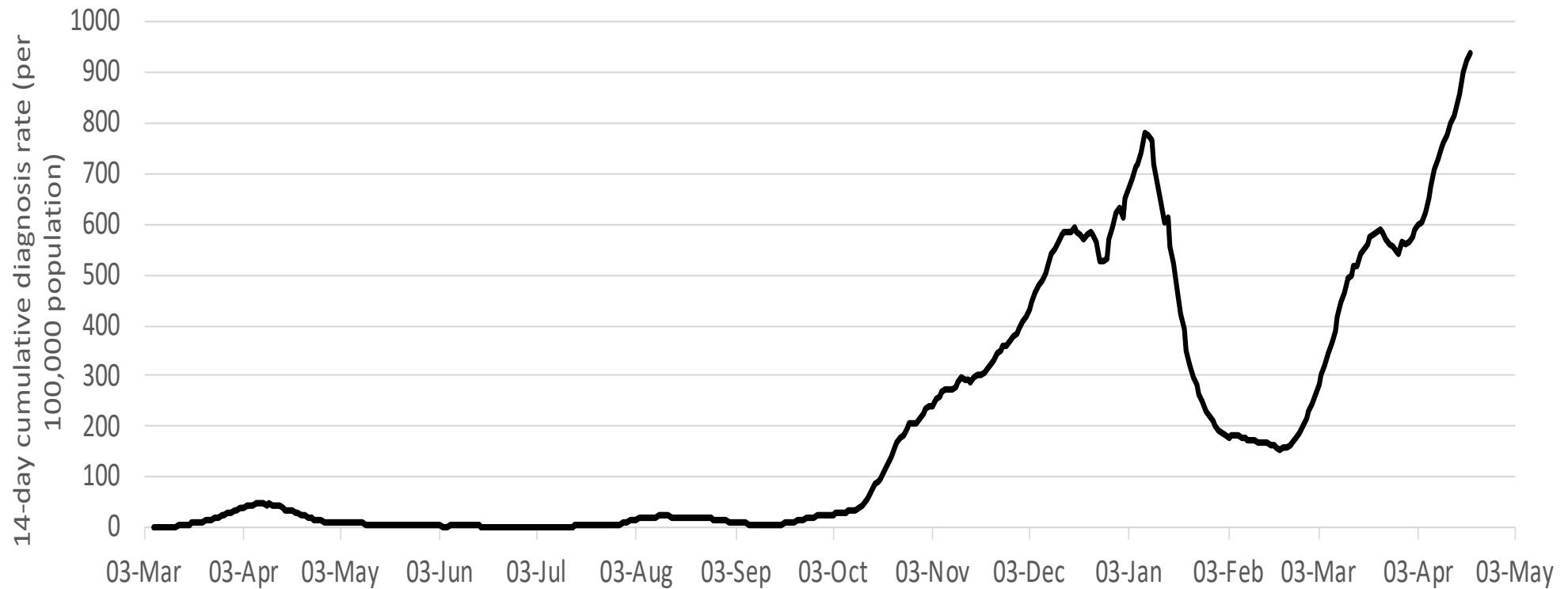


7-day moving average on April 19th is shown on the graph

Laboratory-confirmed cases by date of symptom onset



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



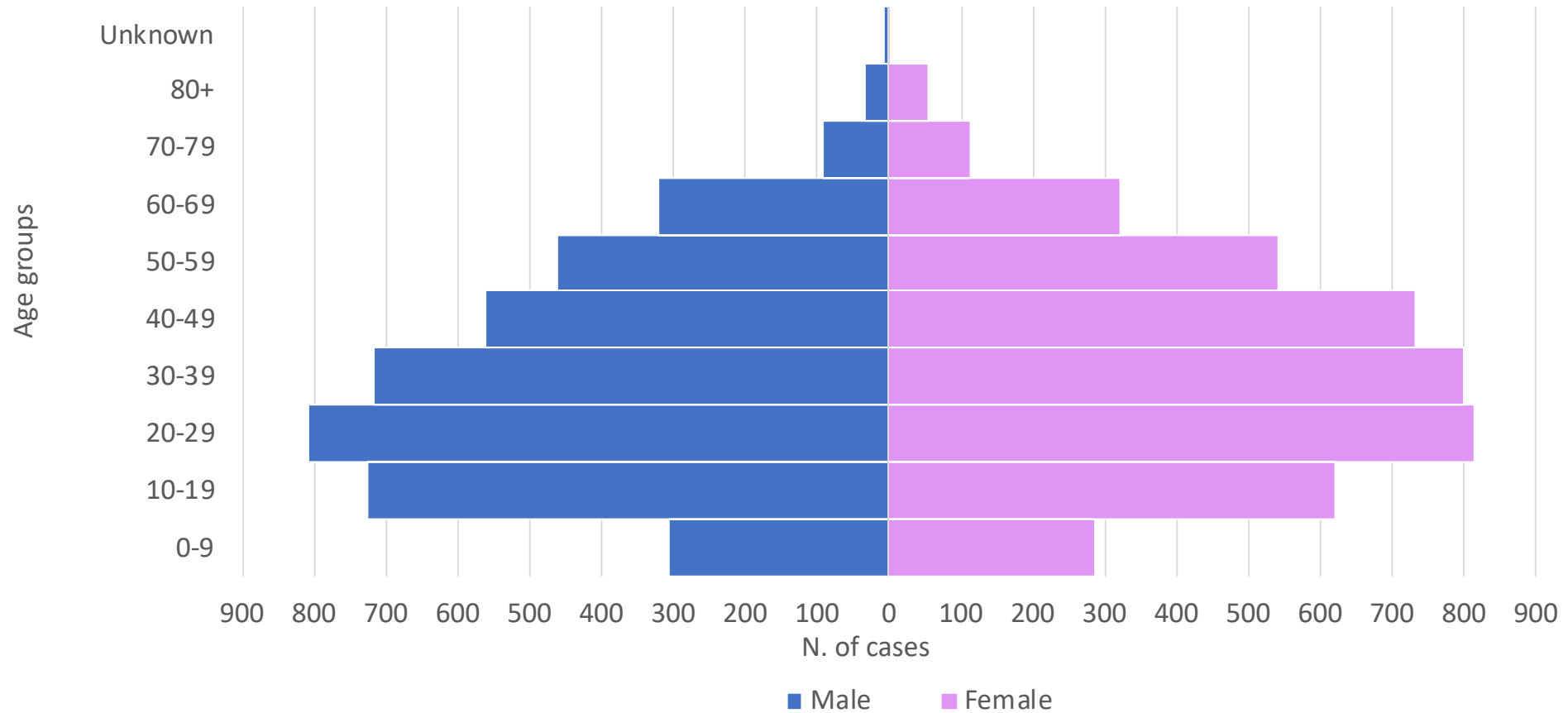
Data in brief (Last 14 days; 06 – 19 Apr 2021)

Laboratory-confirmed cases	Locally-acquired (%)
8,321	8,249 (99.1%)

Currently in Intensive Care Unit*
34

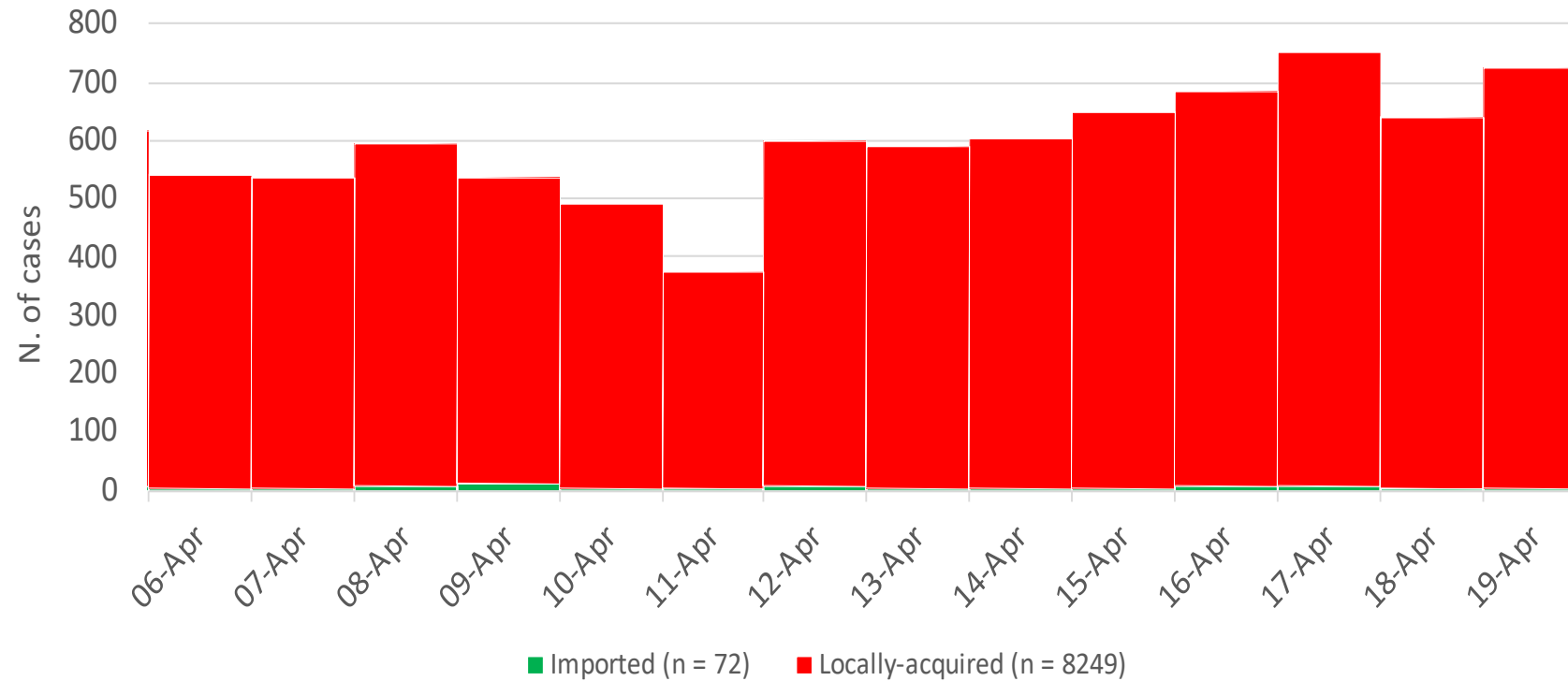
**Date of discharge/transfer/death included*

Distribution of cases diagnosed in the last 14 days by sex and age group (n = 8.321)

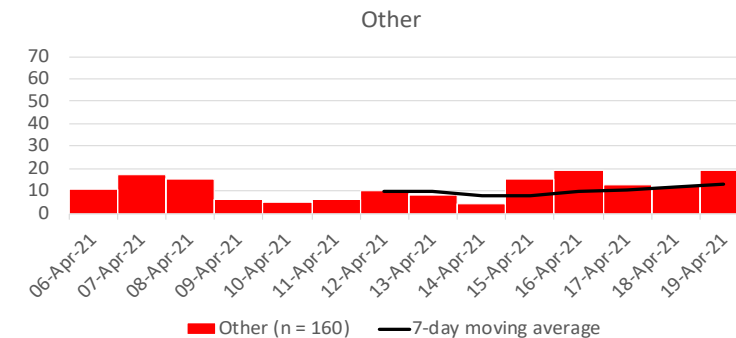
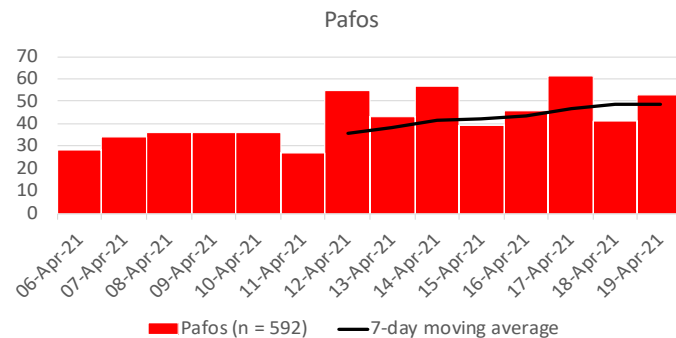
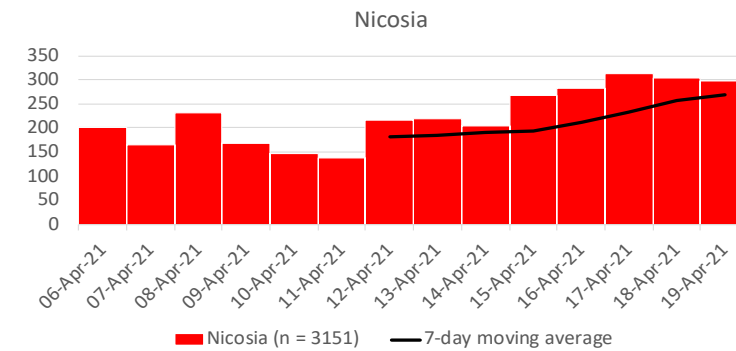
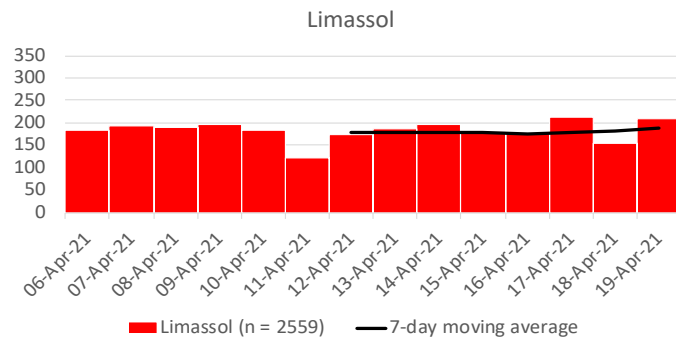
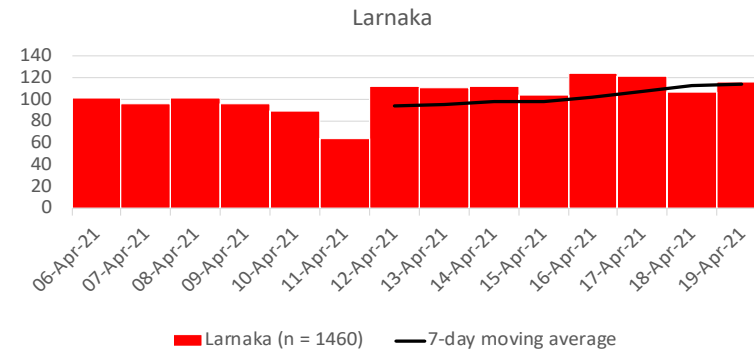
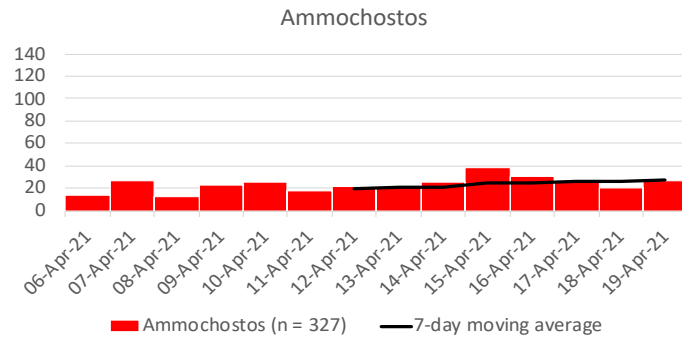


Median age: 34 years (interquartile range: 21-48 years)

COVID-19 cases by origin of infection and by date of sampling for the last 14 days



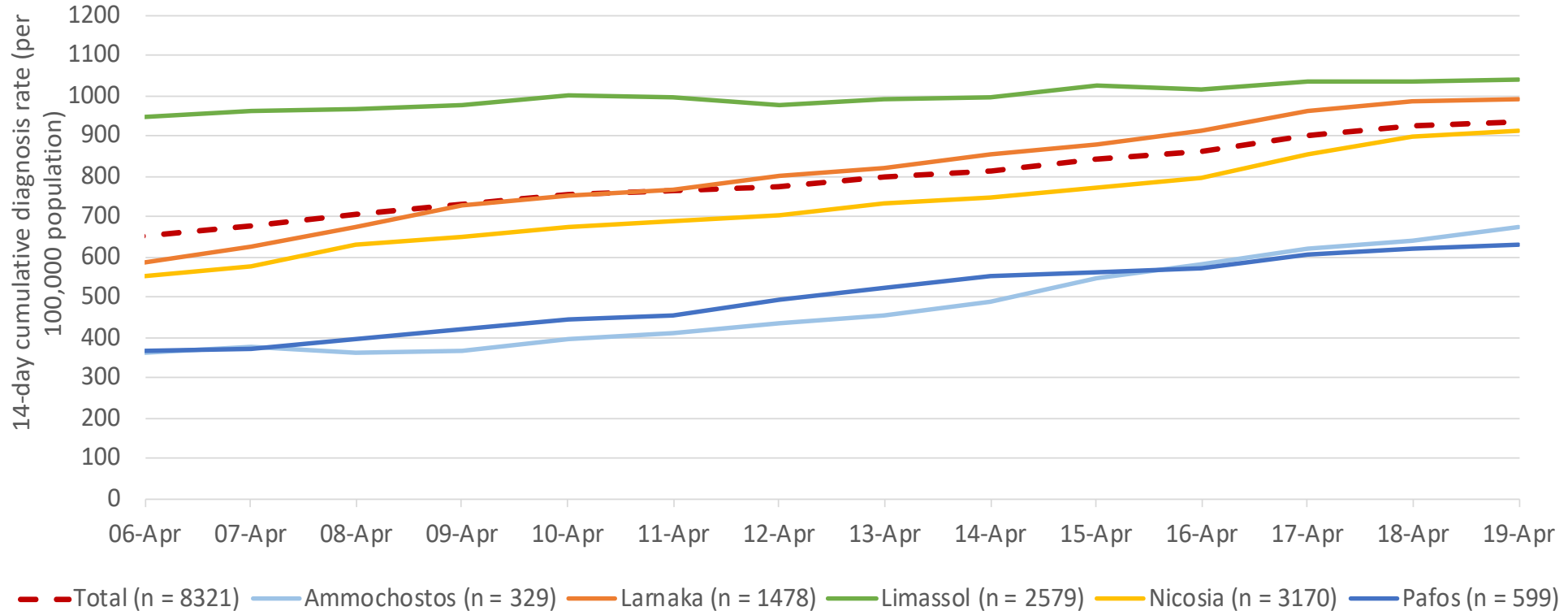
COVID-19 locally-acquired cases by date of sampling and district for the last 14 days



COVID-19 cases characteristics for the last 14 days

Characteristics	Total (n = 8321)		Imported (n = 72)		Locally-acquired (n = 8249)	
	N	%	N	%	N	%
Sex						
Male	4032	48.5	42	58.3	3990	48.4
Female	4285	51.5	30	41.7	4255	51.6
Unknown	4	0.0	0	0.0	4	0.0
Age groups (years)						
0-9	590	7.1	2	2.8	588	7.1
10-19	1345	16.2	7	9.7	1338	16.2
20-29	1627	19.6	25	34.7	1602	19.4
30-39	1516	18.2	17	23.6	1499	18.2
40-49	1295	15.6	12	16.7	1283	15.6
50-59	1003	12.1	7	9.7	996	12.1
60-69	641	7.7	2	2.8	639	7.7
70-79	204	2.5	0	0.0	204	2.5
80+	89	1.1	0	0.0	89	1.1
Unknown	11	0.1	0	0.0	11	0.1
Median age in years (IQR)	34 (21-48)		30 (23-41)		34 (21-48)	
District						
Ammochostos	329	4.0	2	2.8	327	4.0
Larnaka	1478	17.8	18	25.0	1460	17.7
Limassol	2579	31.0	20	27.8	2559	31.0
Nicosia	3170	38.1	19	26.4	3151	38.2
Pafos	599	7.2	7	9.7	592	7.2
Other	166	2.0	6	8.3	160	1.9
Symptoms at diagnosis						
Yes	6201	74.5	32	44.4	6169	74.8
No	2120	25.5	40	55.6	2080	25.2
Unknown	0	0.0	0	0.0	0	0.0

COVID-19 14-day cumulative diagnosis rate per 100,000 population, overall and by district for the last 14 days



937.0

672.8

991.9

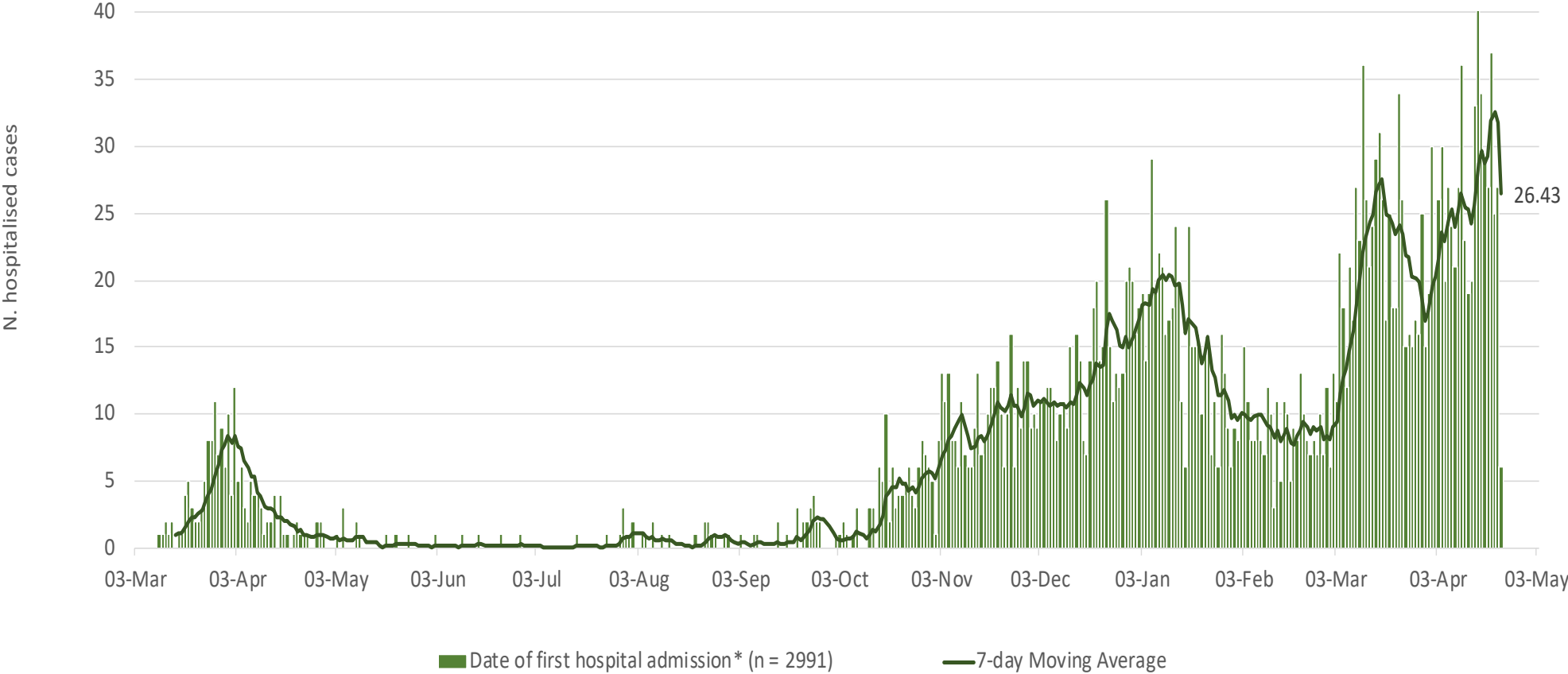
1038.7

915.1

627.9

April 19th, 2021

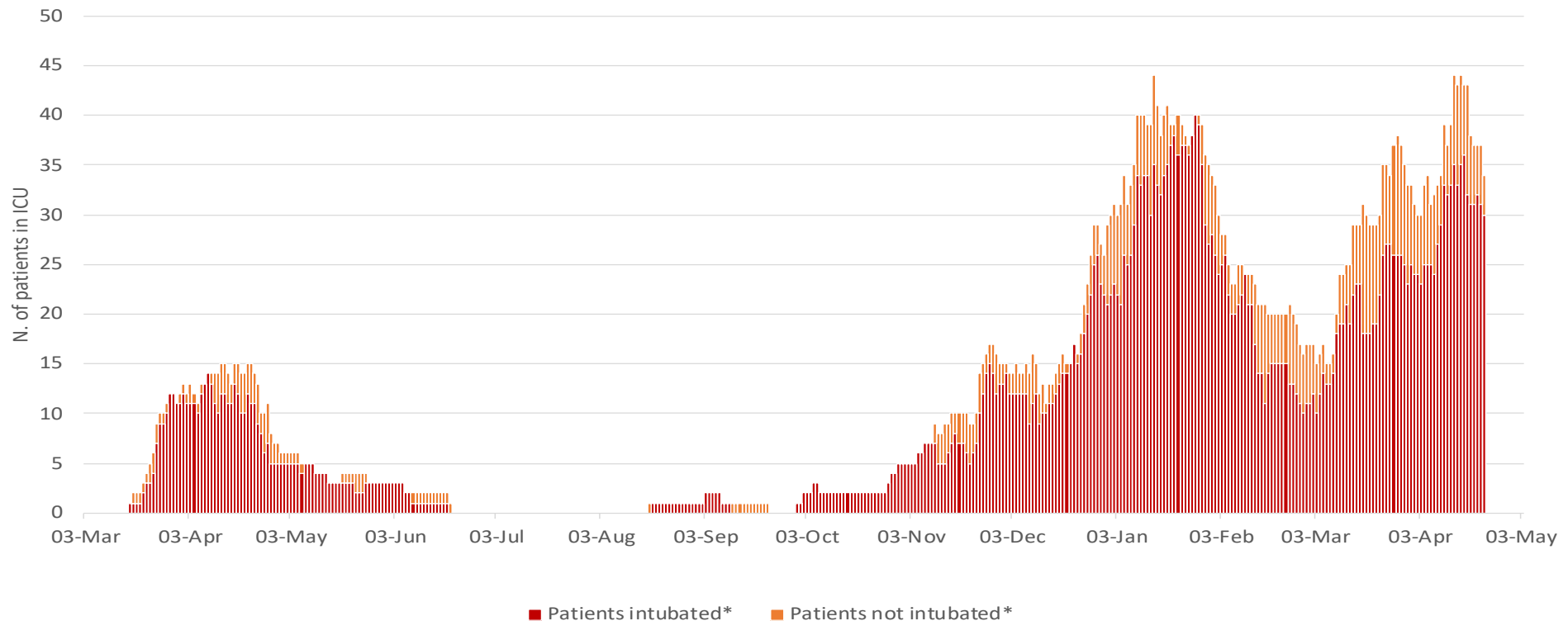
Number of cases by date of hospital admission



7 day moving average on April 22th is shown on the graph

Cases in intensive care units (ICU)*

- Total: 297 (9,9% of all ever hospitalized patients) have ever been admitted to ICU – 34 (diagnosis till April 19th - currently in ICU as of April 22nd)

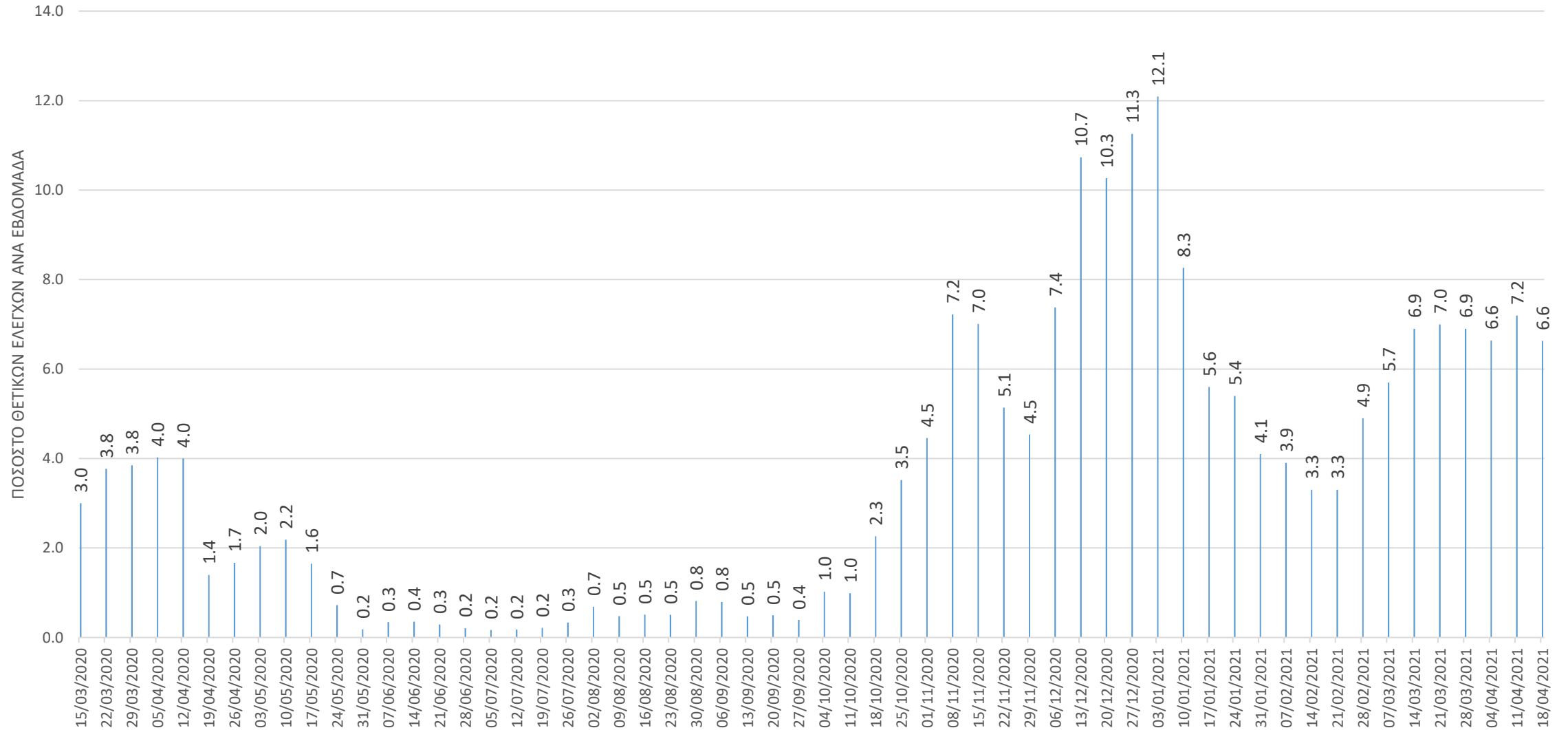


*Intensive care unit (ICU) refers only to the ICU in Limassol General Hospital and ICU in Nicosia General Hospital
Date of discharge/transfer/death included

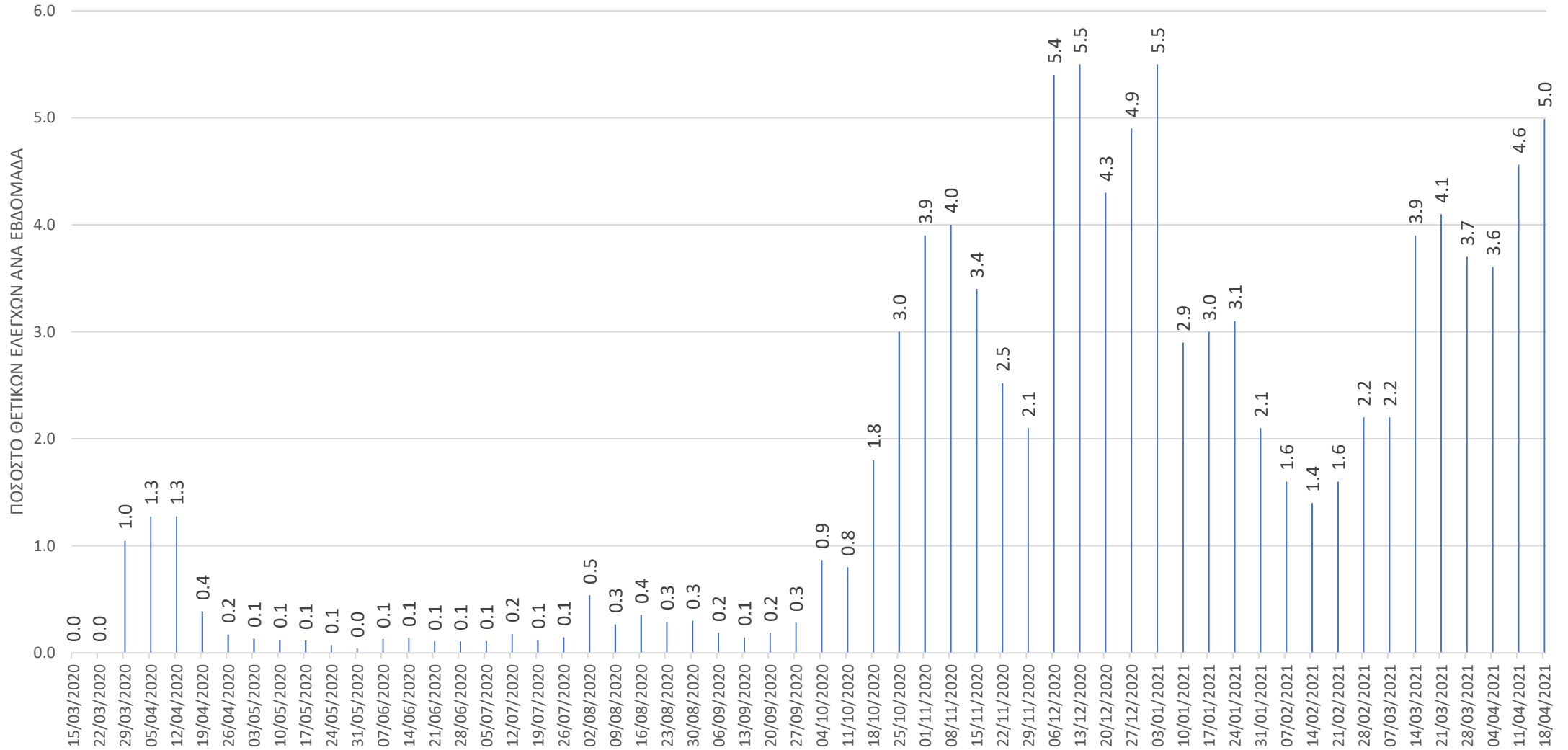
Molecular tests and antigen rapid tests

	Molecular tests (as announced by the Ministry of Health)	Antigen rapid tests (Ministry of Health)
Total overall	1,084,557	3,728,398
Tests/100.000	122,134.8	419,864.6
Total (Last 14 days)	82,372	706,159
Last 14 days/100.000	9,276.1	79,522.4

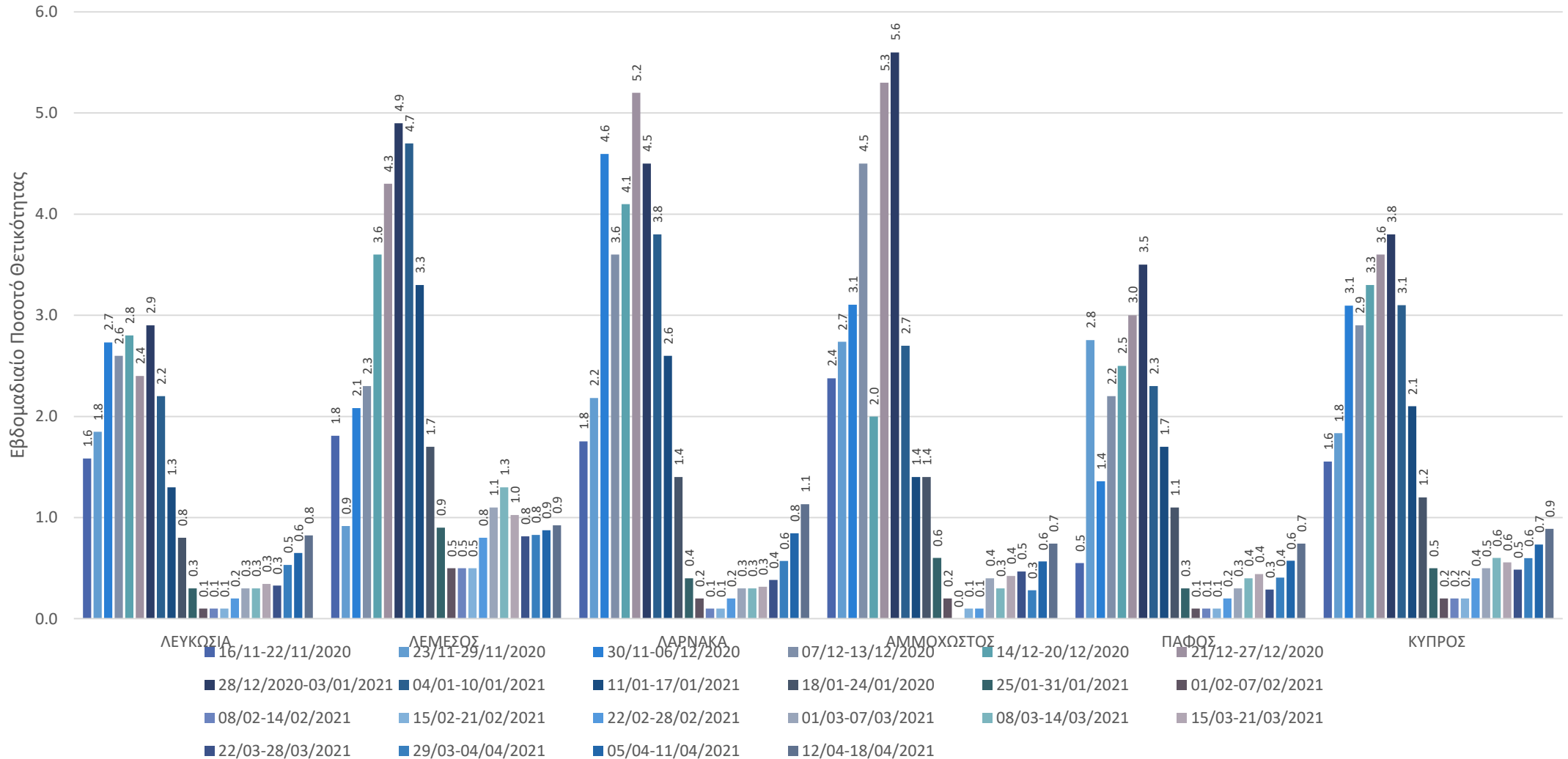
Percentage of laboratory tests (molecular) with a positive result (all labs), per week



Percentage of laboratory tests (molecular) with a positive result (private sector), per week

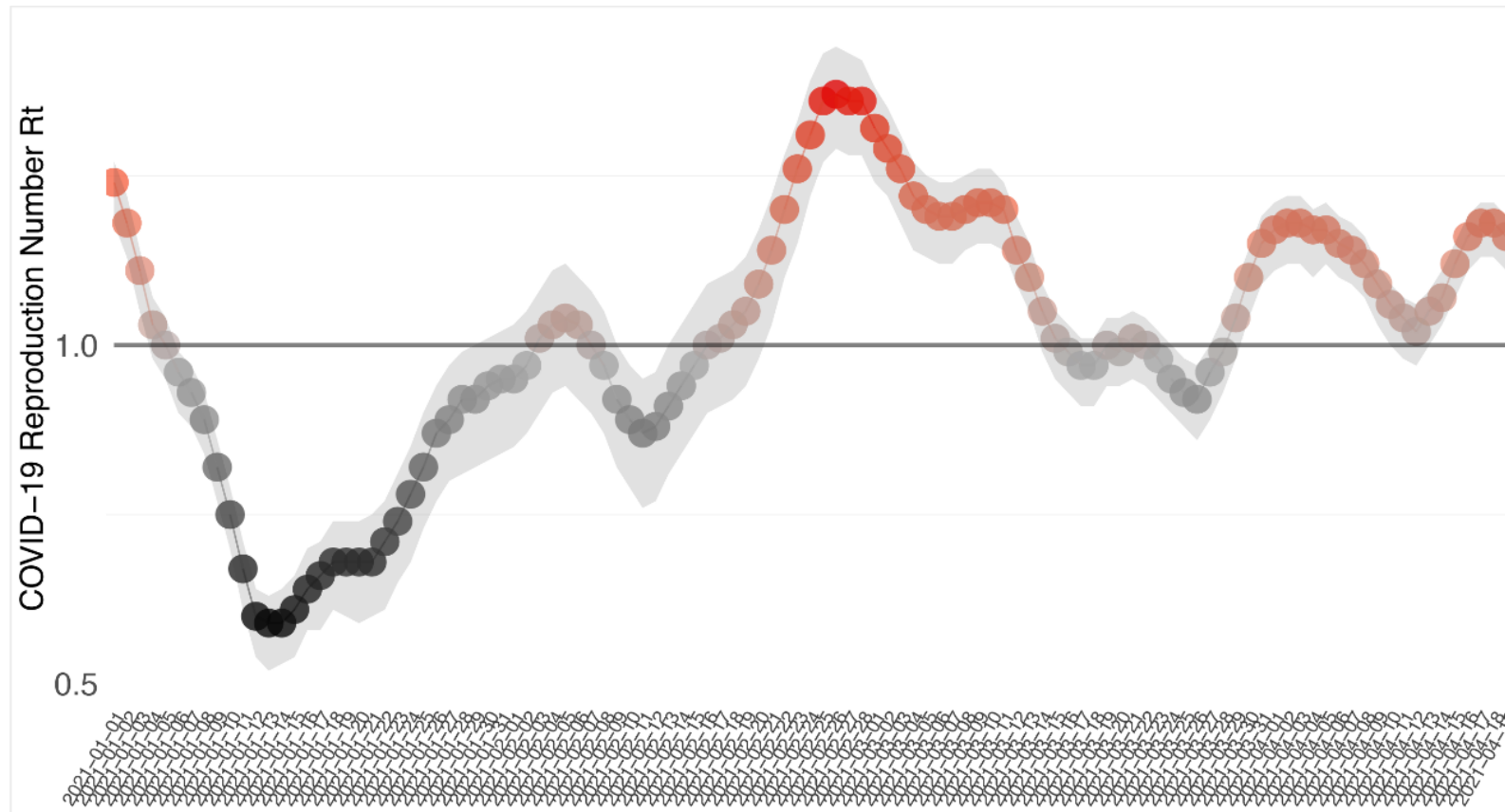


Rapid antigen tests (Ministry of Health) – percentage (weekly) with a positive result (overall and by district)



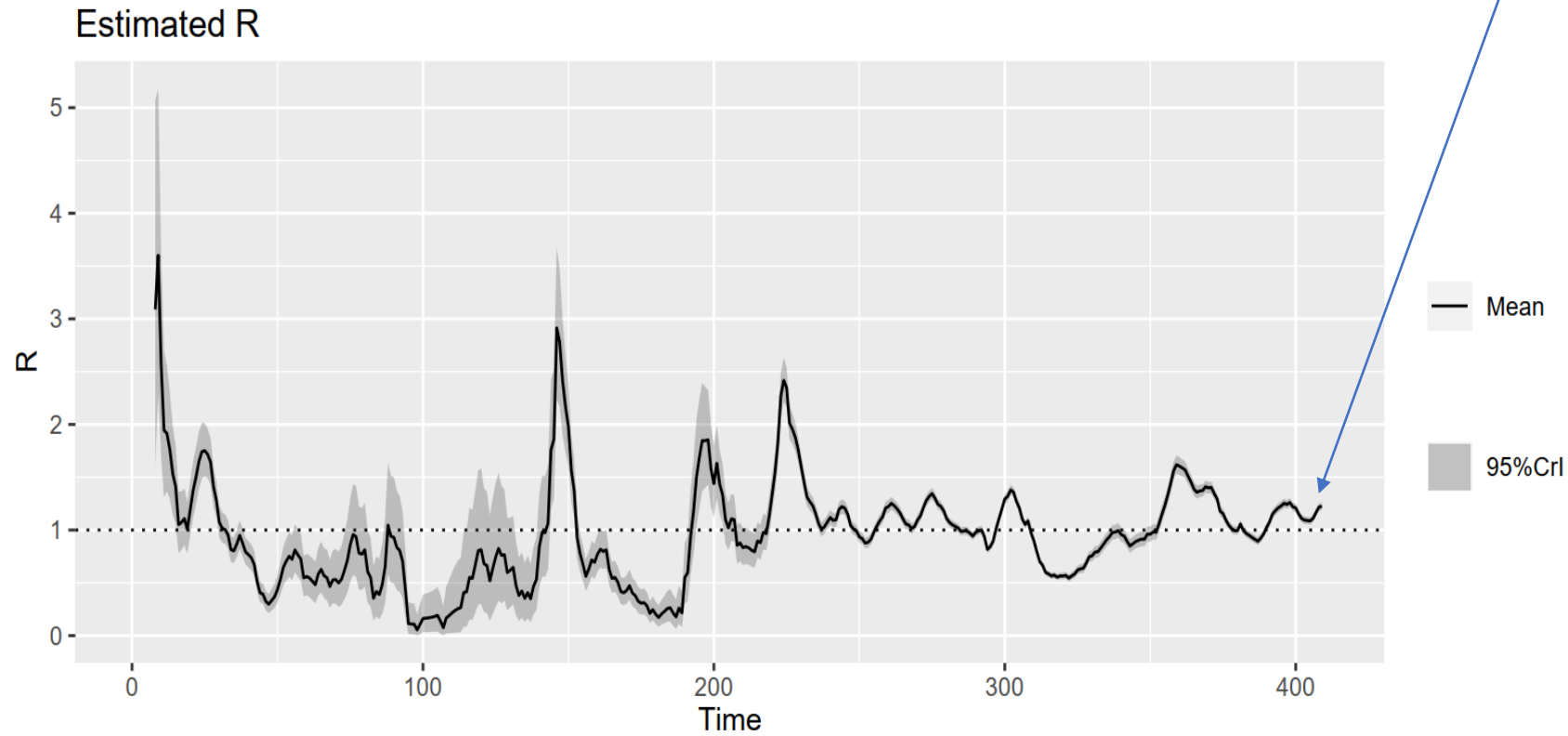
Effective reproduction number (R_t) – Method A

R_t 12 – 19 Apr: 1.12 (1.07 - 1.15)

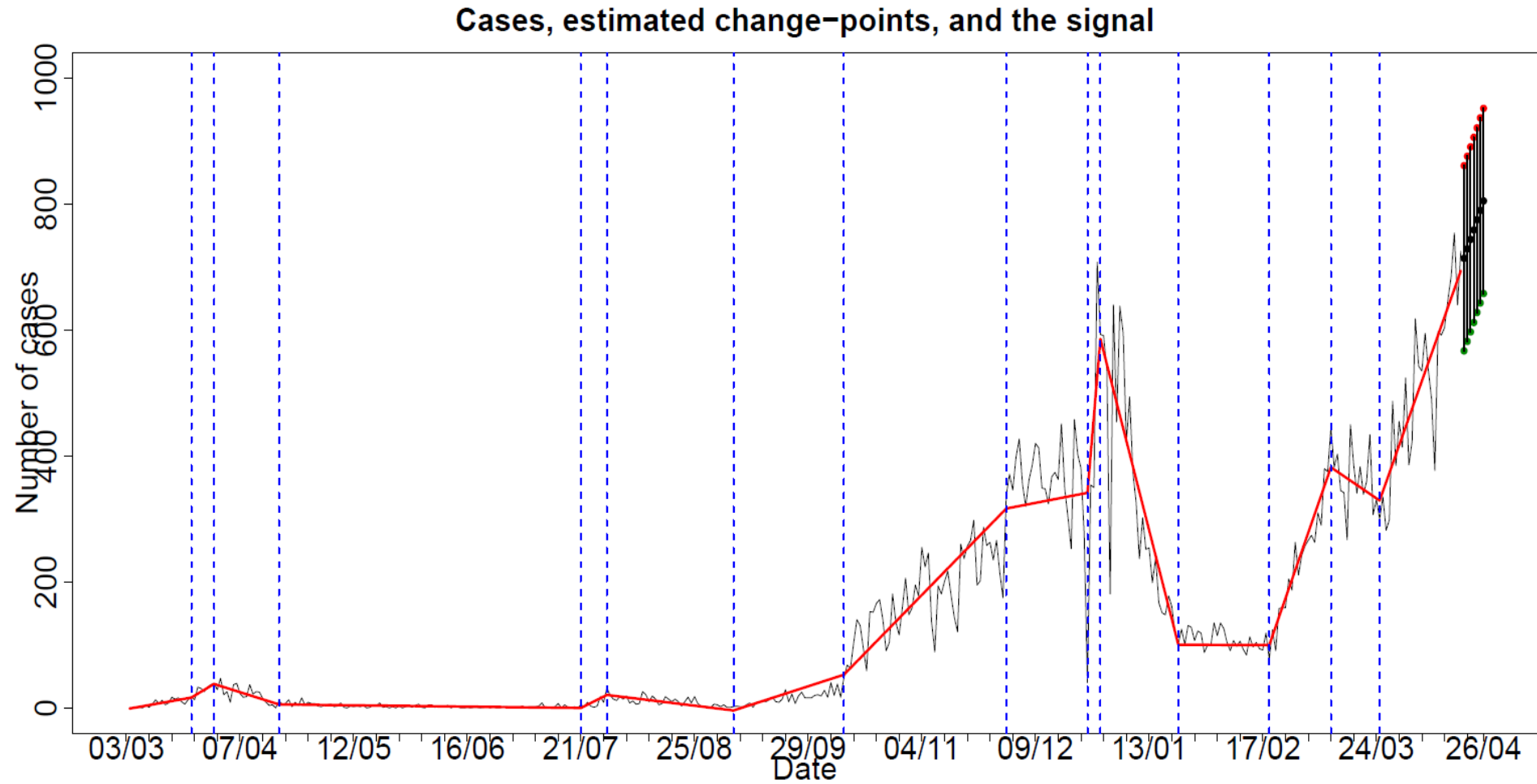


Effective reproduction number (R_t) – Method D (Locally-acquired cases)

R_t 13 - 19 Apr: 1.23 (1.19 - 1.26)



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

Laboratory tests for SARS-CoV-2

- Epidemiological Surveillance Unit, Ministry of Health
- Contributors: Christiana Dimitriou, Anna Demetriou, Maria Prokopiou, Christos Charalambous, Eleni Anastasiou, Carolina Stylianou, Ourania Kolokotroni, Annalisa Quattrocchi, Ioanna Gregoriou, Olga Kalakouta, Georgios Nikolopoulos

Epidemiological Surveillance Unit of the Ministry of Health, Republic of Cyprus

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