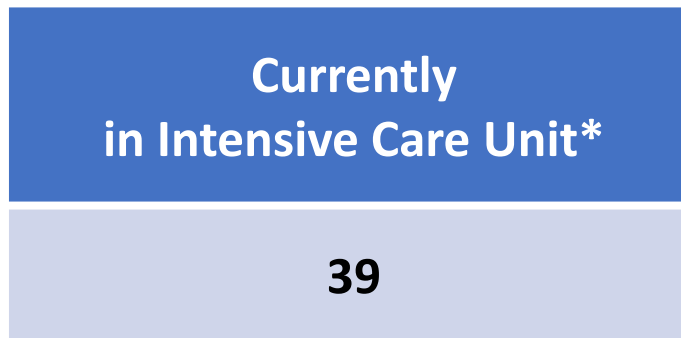
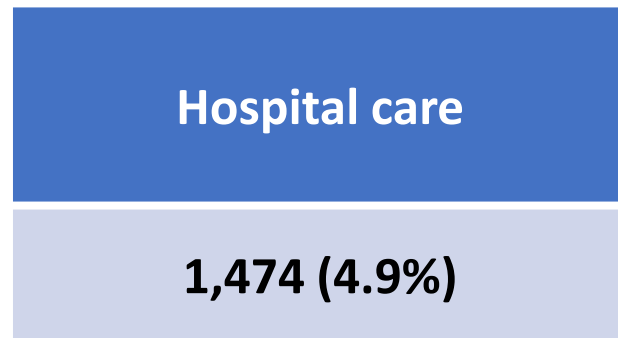
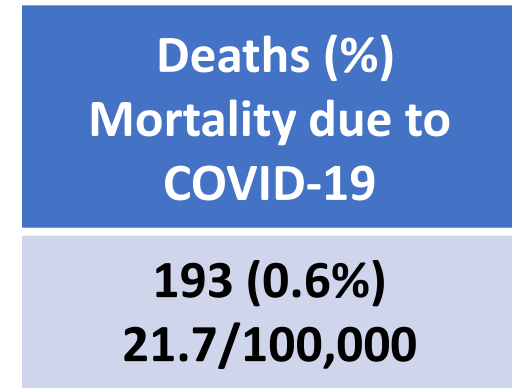
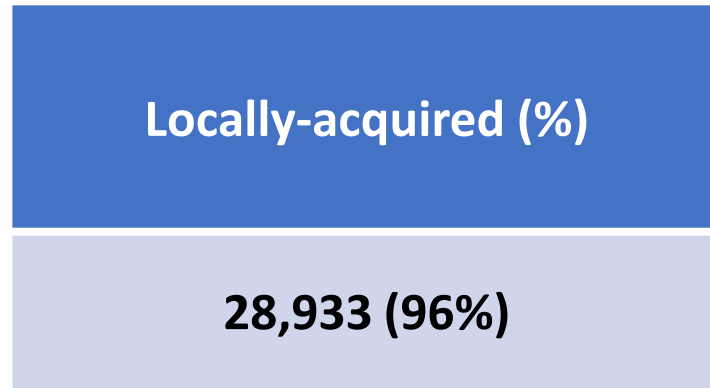
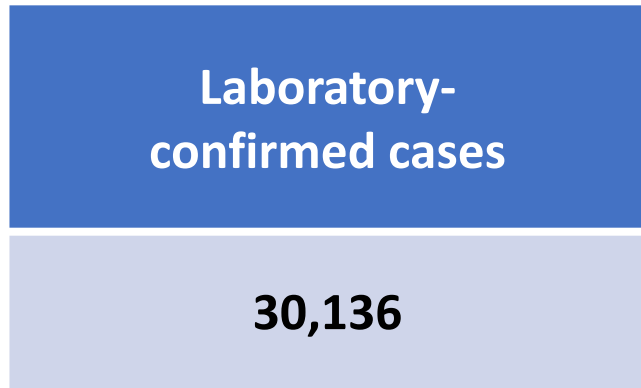


Coronavirus Disease 2019 (COVID-19) in Cyprus

Surveillance Report as of 26/01/2021

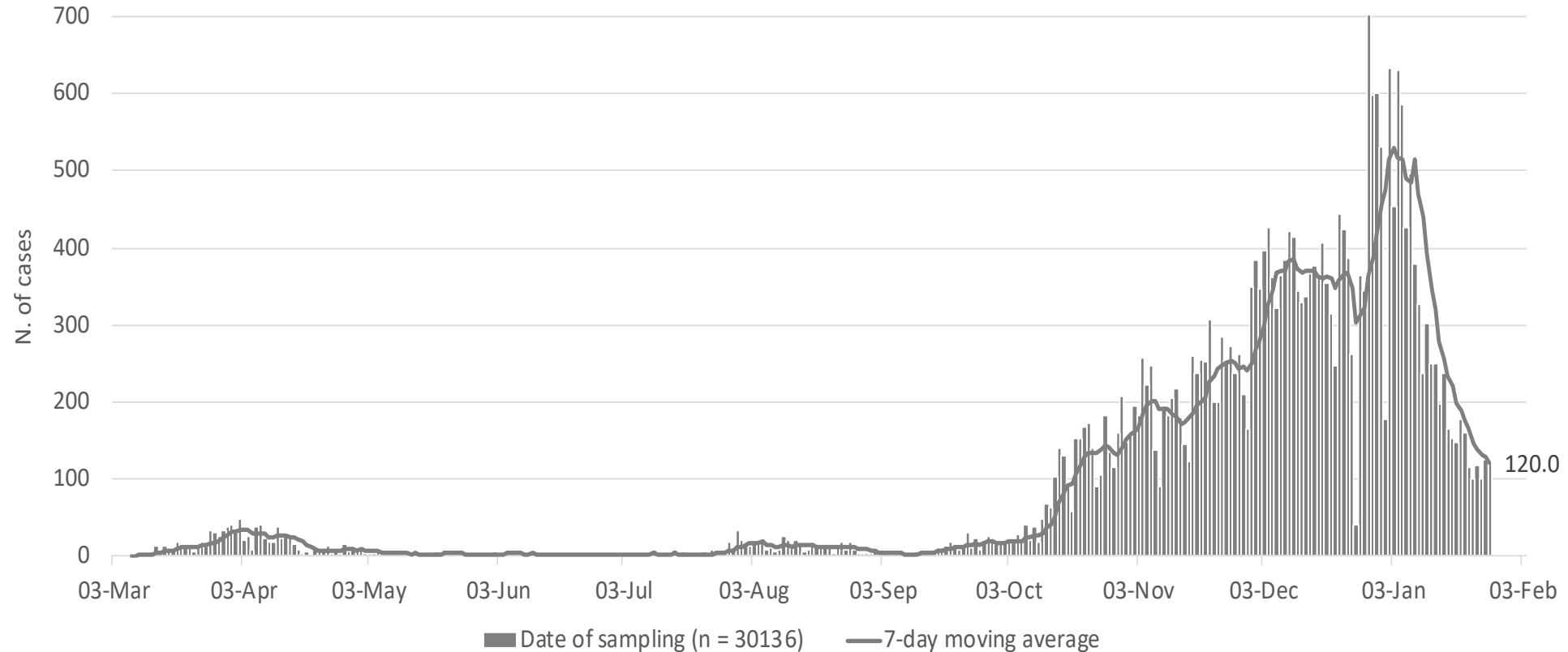
Nicosia 29/01/2021

Data in brief



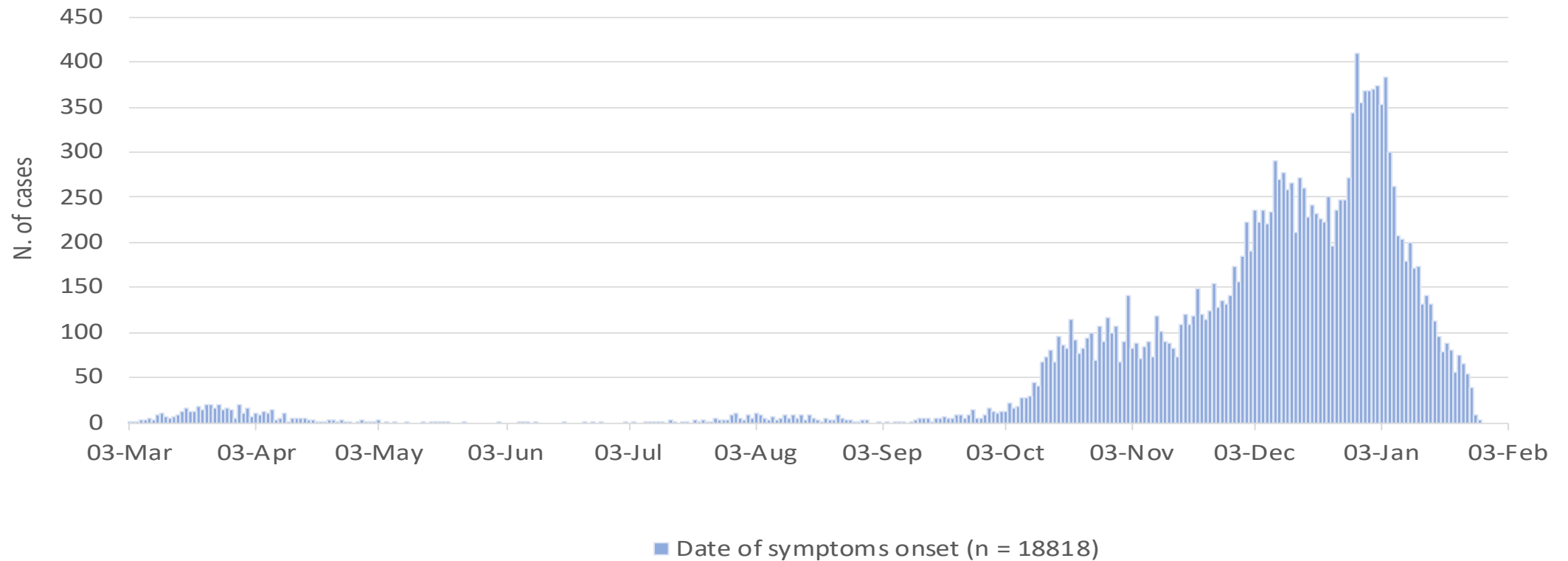
**Date of discharge/transfer/death included*

Laboratory-confirmed cases by date of sampling

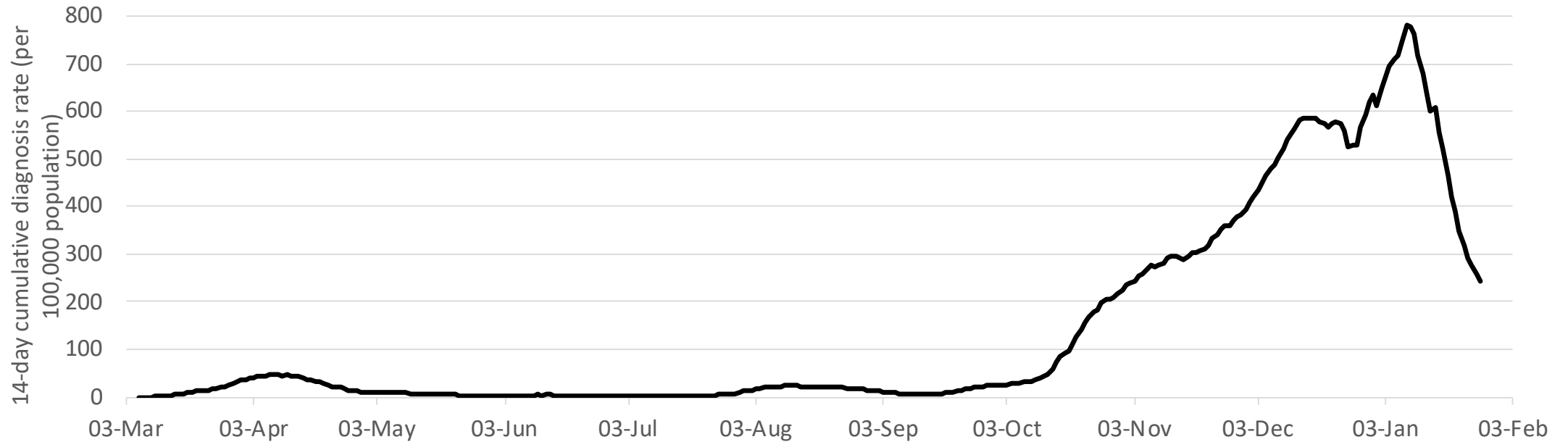


7-day moving average on Jan 26th is shown on the graph

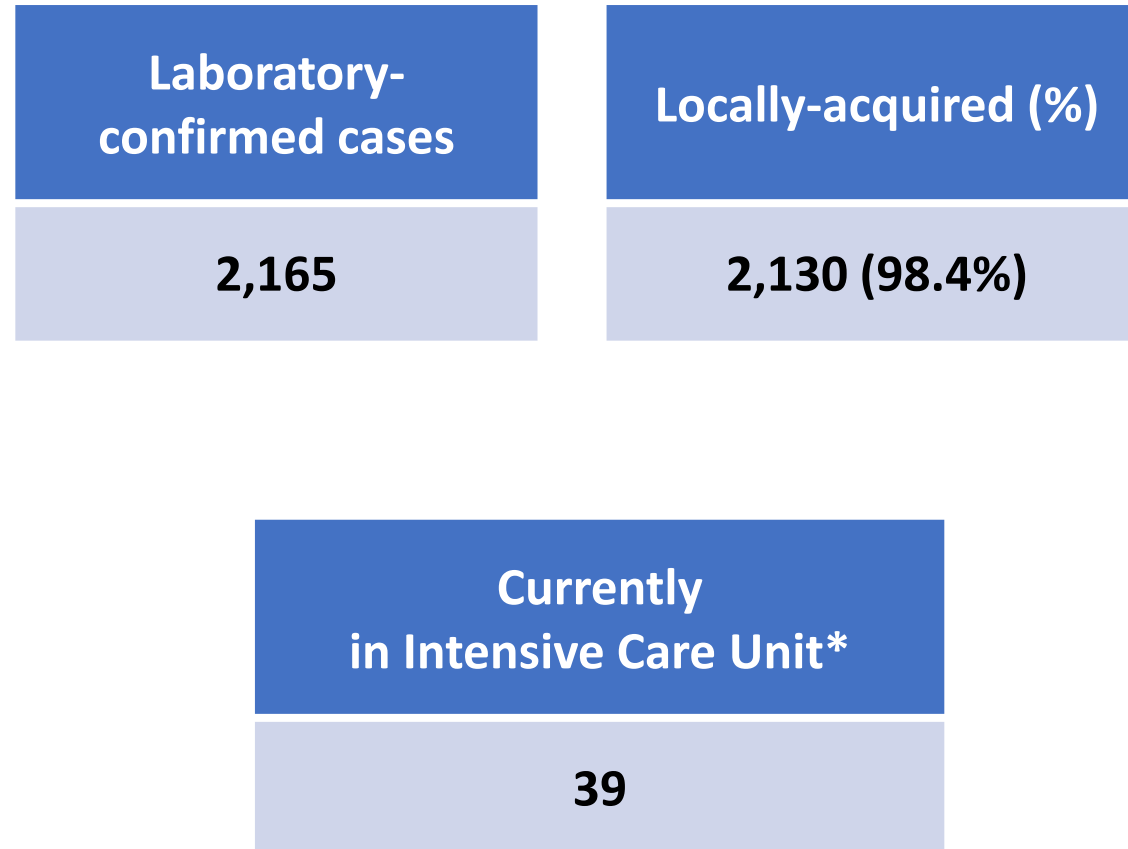
Laboratory-confirmed cases by date of symptom onset



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

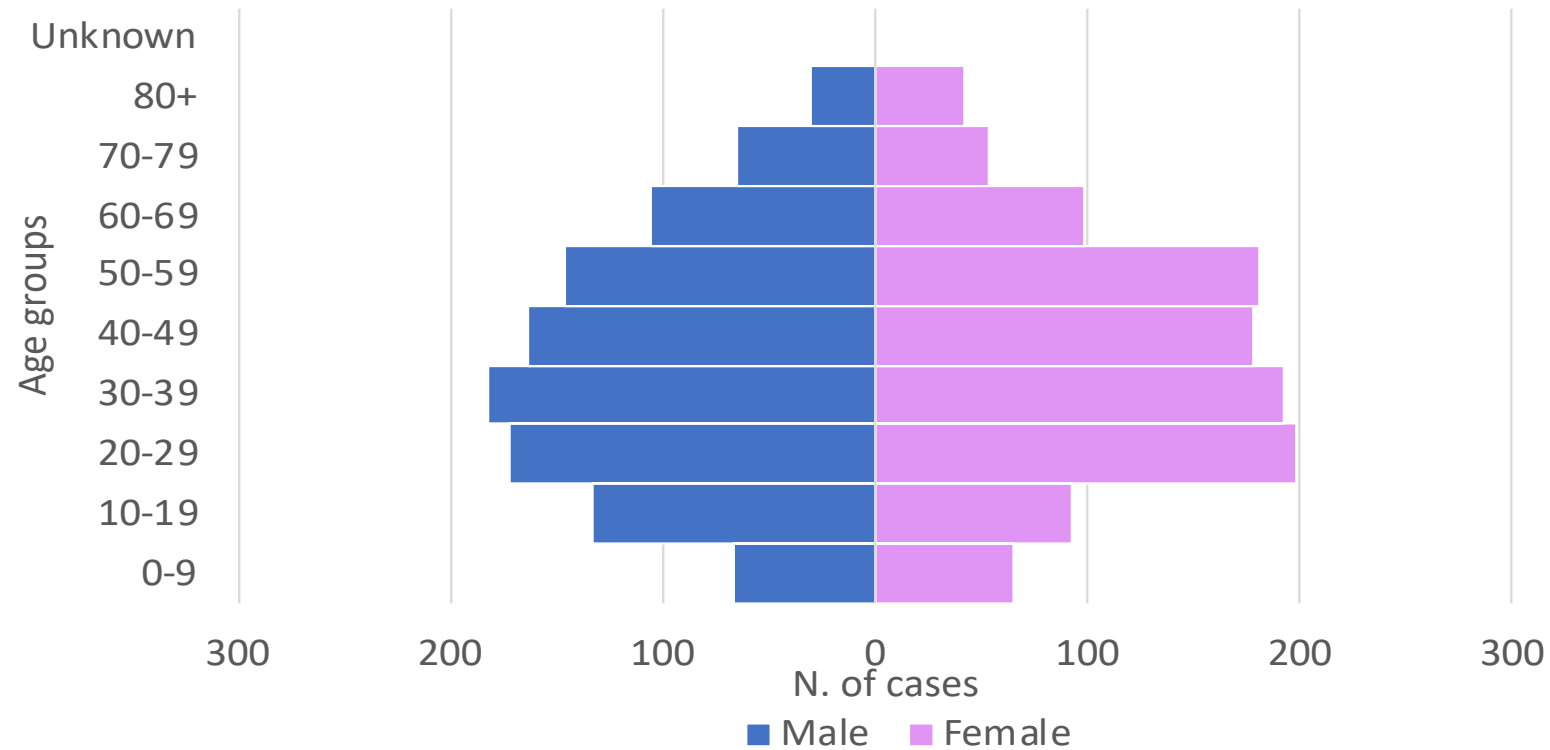


Data in brief (Last 14 days; 13 - 26 January, 2021)



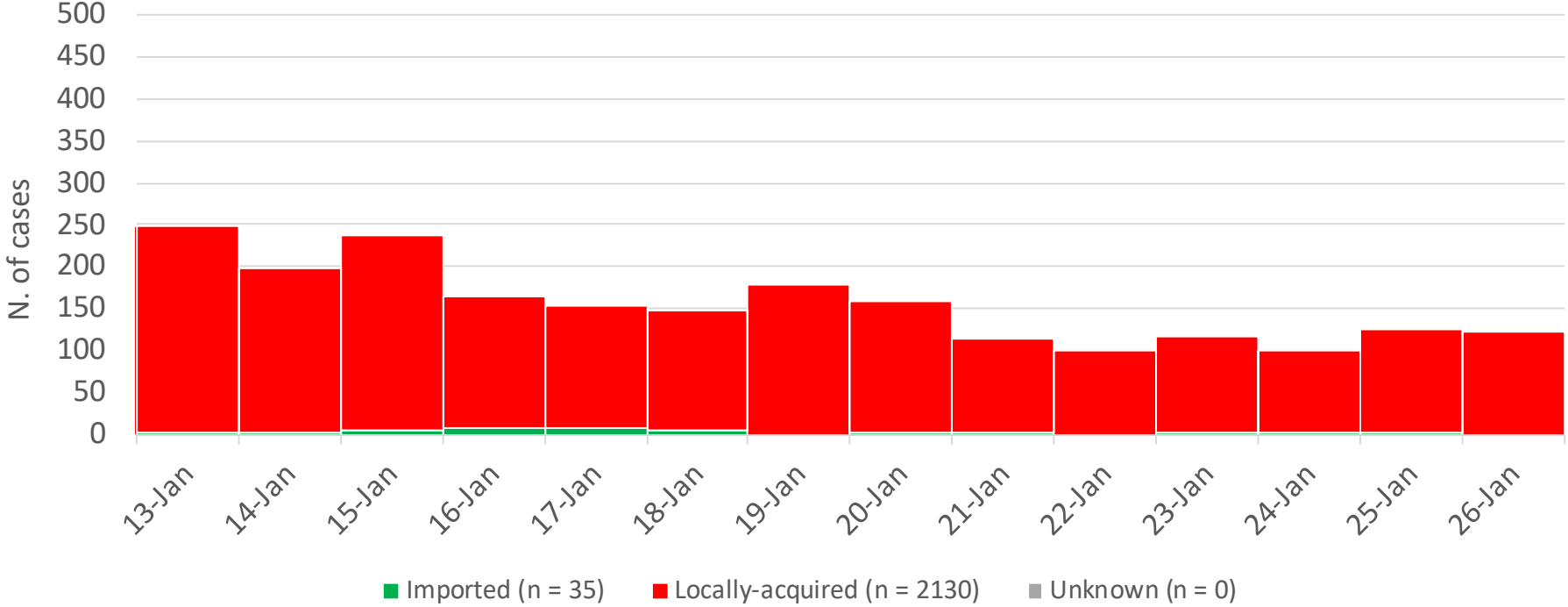
**Date of discharge/transfer/death included*

Distribution of cases diagnosed in the last 14 days by sex and age group (n = 2.165)

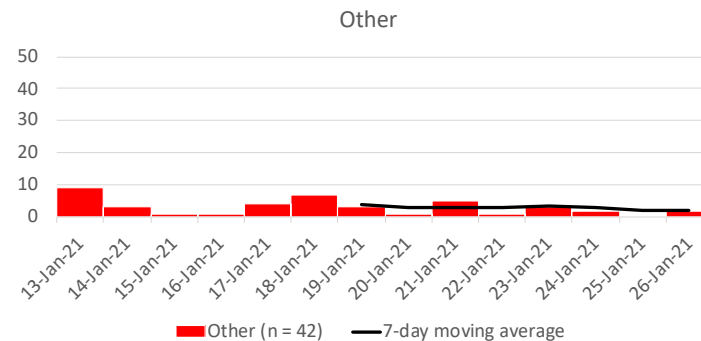
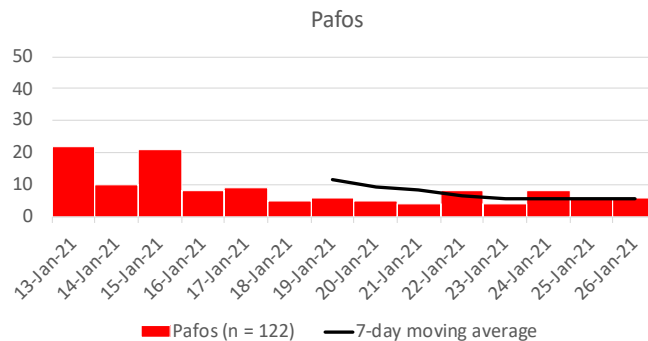
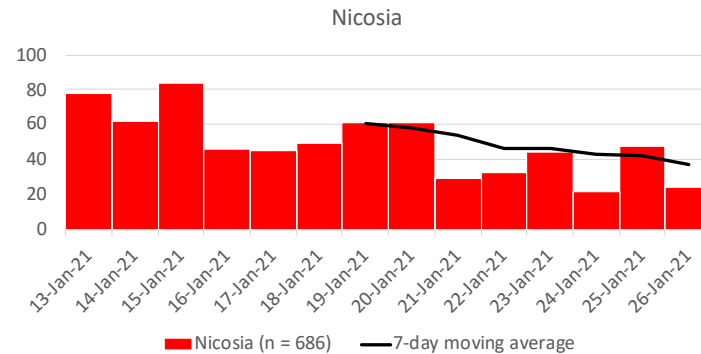
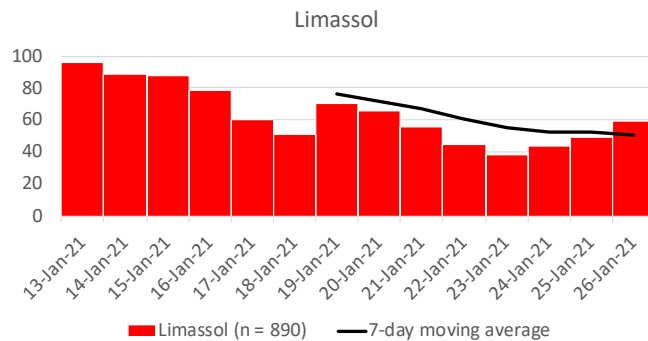
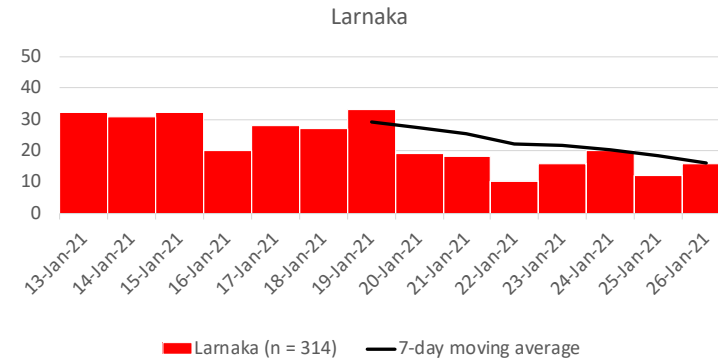
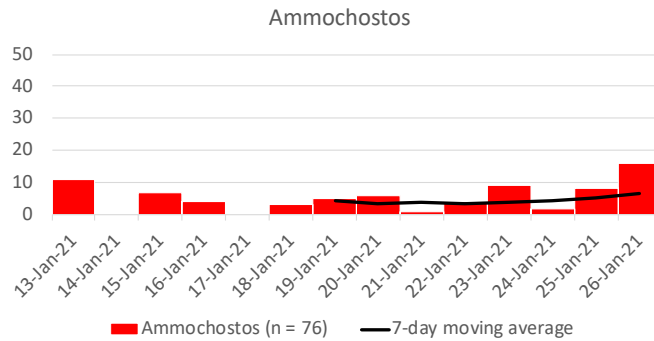


Median age: 39 years (interquartile range: 25-55 years)

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

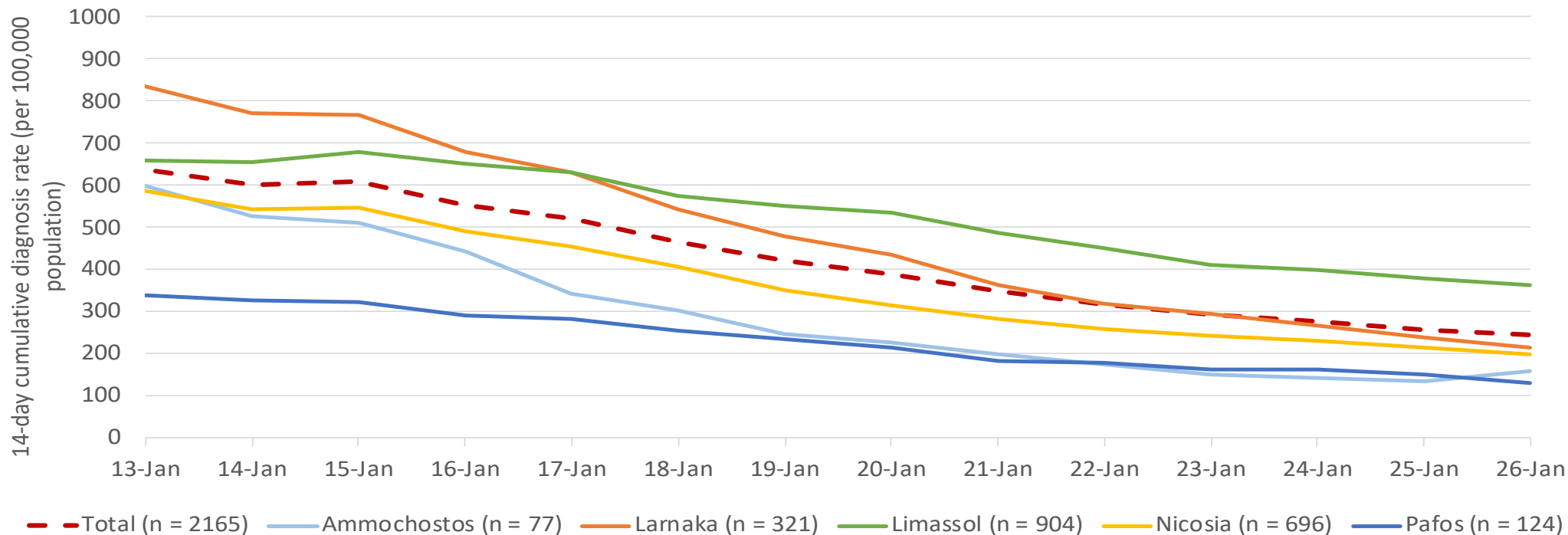


COVID-19 cases characteristics for the last 14 days

Characteristics	Total (n = 2165)		Imported (n = 35)		Locally-acquired (n = 2130)	
	N	%	N	%	N	%
Sex						
Male	1063	49.1	17	48.6	1046	49.1
Female	1102	50.9	18	51.4	1084	50.9
Unknown	0	0.0	0	0.0	0	0.0
Age groups (years)						
0-9	131	6.1	1	2.9	130	6.1
10-19	226	10.4	7	20.0	219	10.3
20-29	370	17.1	8	22.9	362	17.0
30-39	374	17.3	4	11.4	370	17.0
40-49	341	15.8	4	11.4	337	17.4
50-59	327	15.1	5	14.3	322	15.8
60-69	205	9.5	4	11.4	201	15.1
70-79	119	5.5	1	2.9	118	9.4
80+	72	3.3	1	2.9	71	5.5
Unknown	0	0.0	0	0.0	0	3.3
Median age in years (IQR)	39 (25-55)		36 (20-57)		39 (25-55)	
District						
Ammochostos	77	3.6	1	2.9	76	3.6
Larnaka	321	14.8	7	20.0	314	14.7
Limassol	904	41.8	14	40.0	890	41.8
Nicosia	696	32.1	10	28.6	686	32.2
Pafos	124	5.7	2	5.7	122	5.7
Other	43	2.0	1	2.9	42	2.0
Symptoms at diagnosis						
Yes	1,500	69.3	22	62.9	1478	69.4
No	665	30.7	13	37.1	652	30.6
Unknown	0	0.0	0	0.0	0	0.0

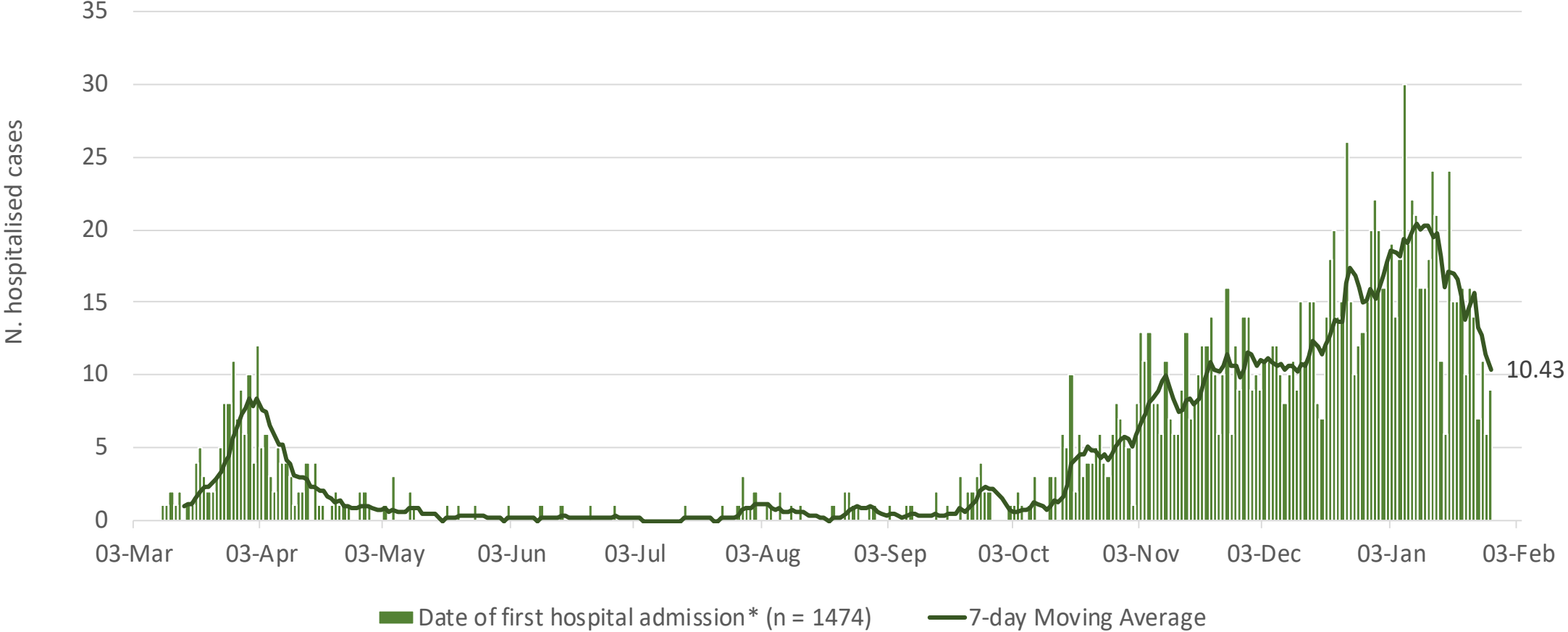
IQR: interquartile range

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



243.8	157.5	215.4	364.1	200.9	130.0
January 26 th , 2021					

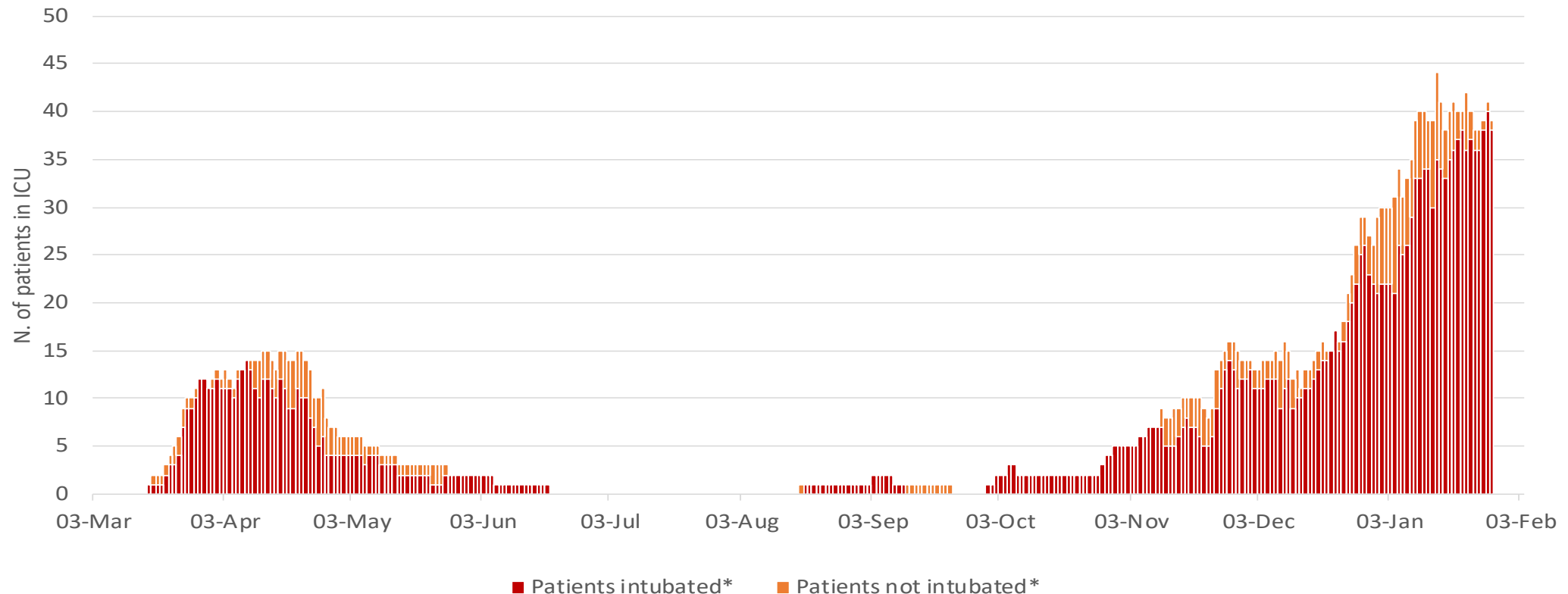
Number of cases by date of hospital admission



7 day moving average on Jan 27th is shown on the graph

Cases in intensive care units (ICU)*

- Total: 156 (10,6% of all ever hospitalized patients) have ever been admitted to ICU – 39 currently in ICU (January 27th)

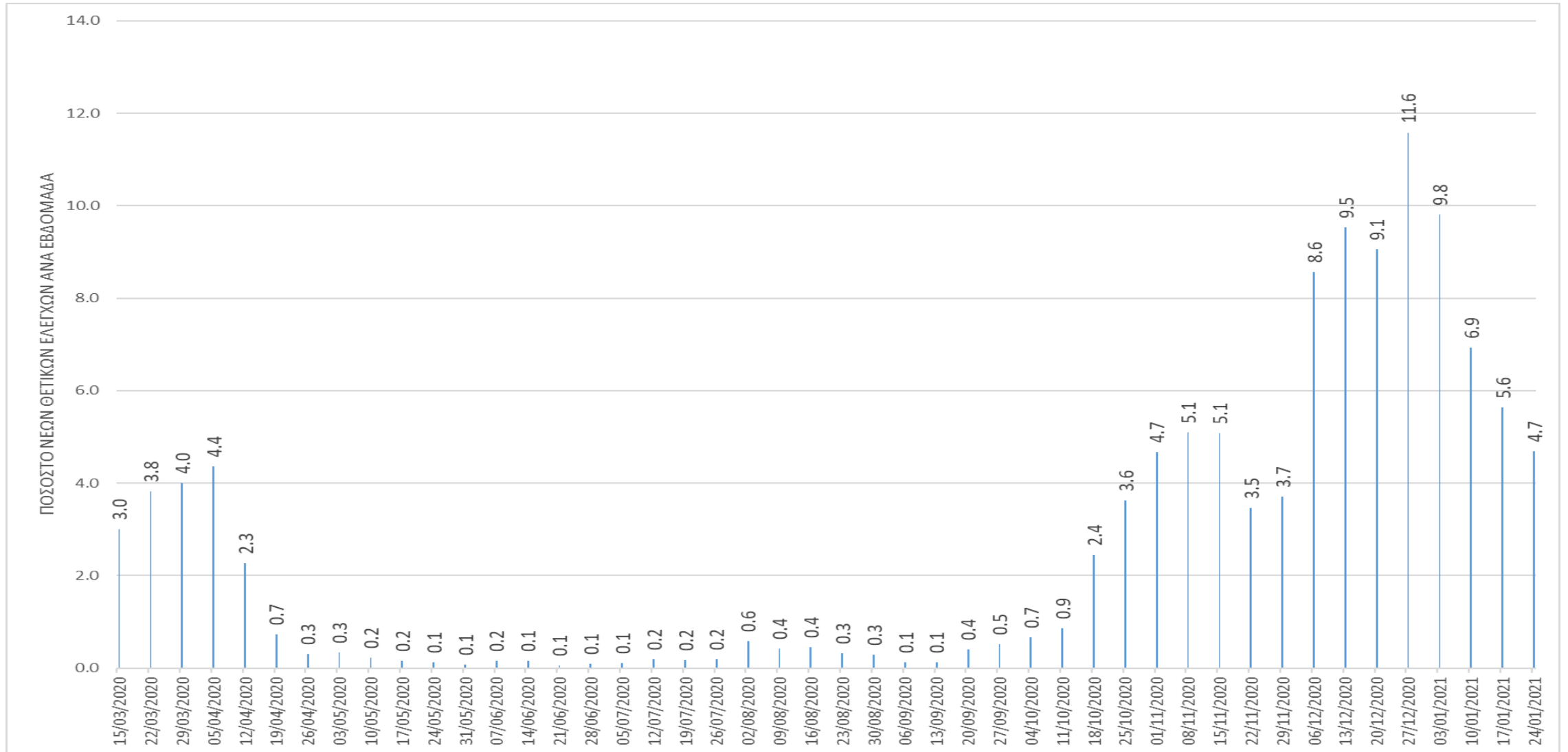


*Intensive care unit (ICU) refers only to the ICU in Limassol General Hospital and ICU in Nicosia General Hospital
Date of discharge/transfer/death included

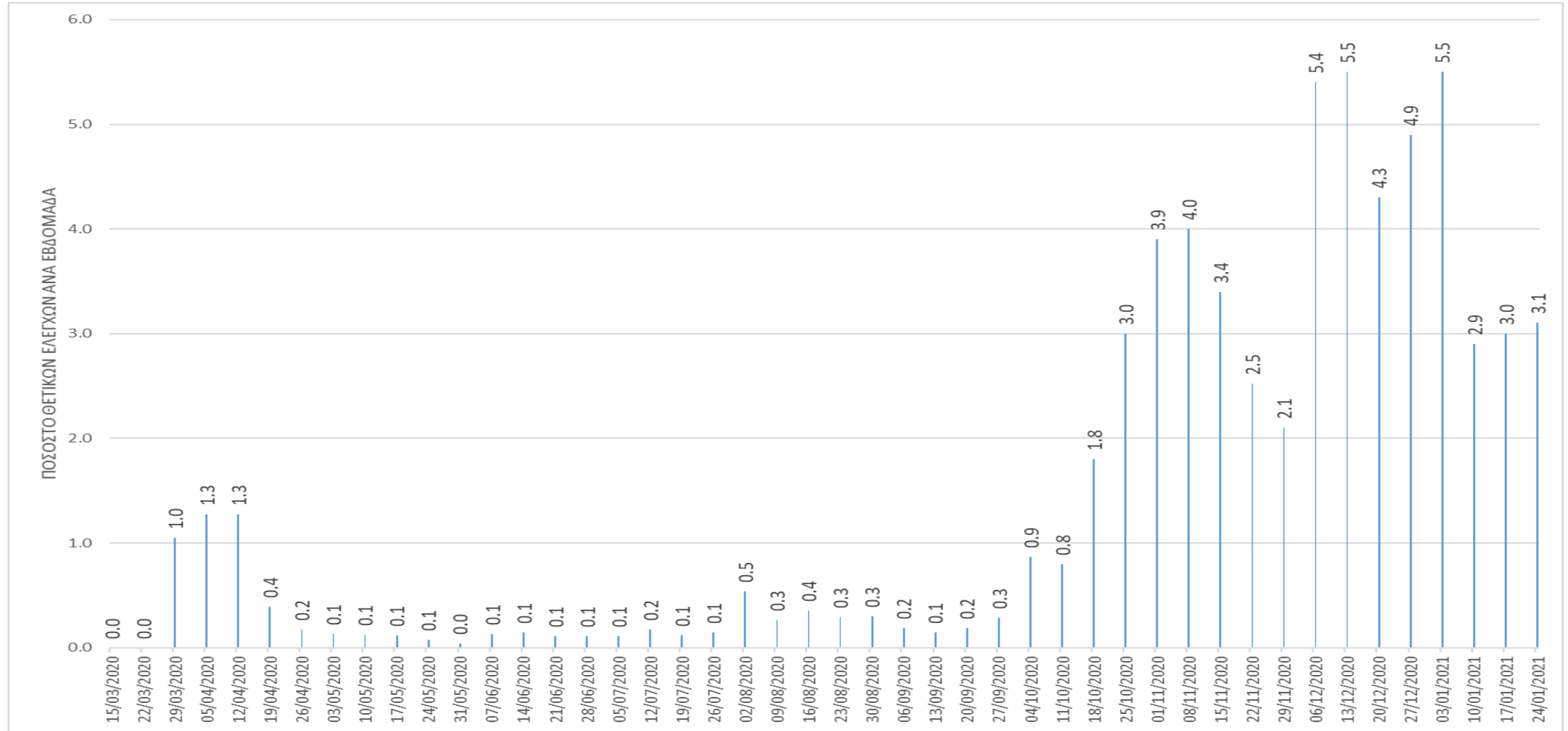
Molecular tests and antigen rapid tests

	Molecular tests (as announced by the Ministry of Health)	Antigen rapid tests (Ministry of Health)
Total overall	787,831	507,063
Tests/100.000	88,719.7	57,101.7
Total (Last 14 days)	26,328	111,662
Last 14 days/100.000	2,964.9	12,574.5

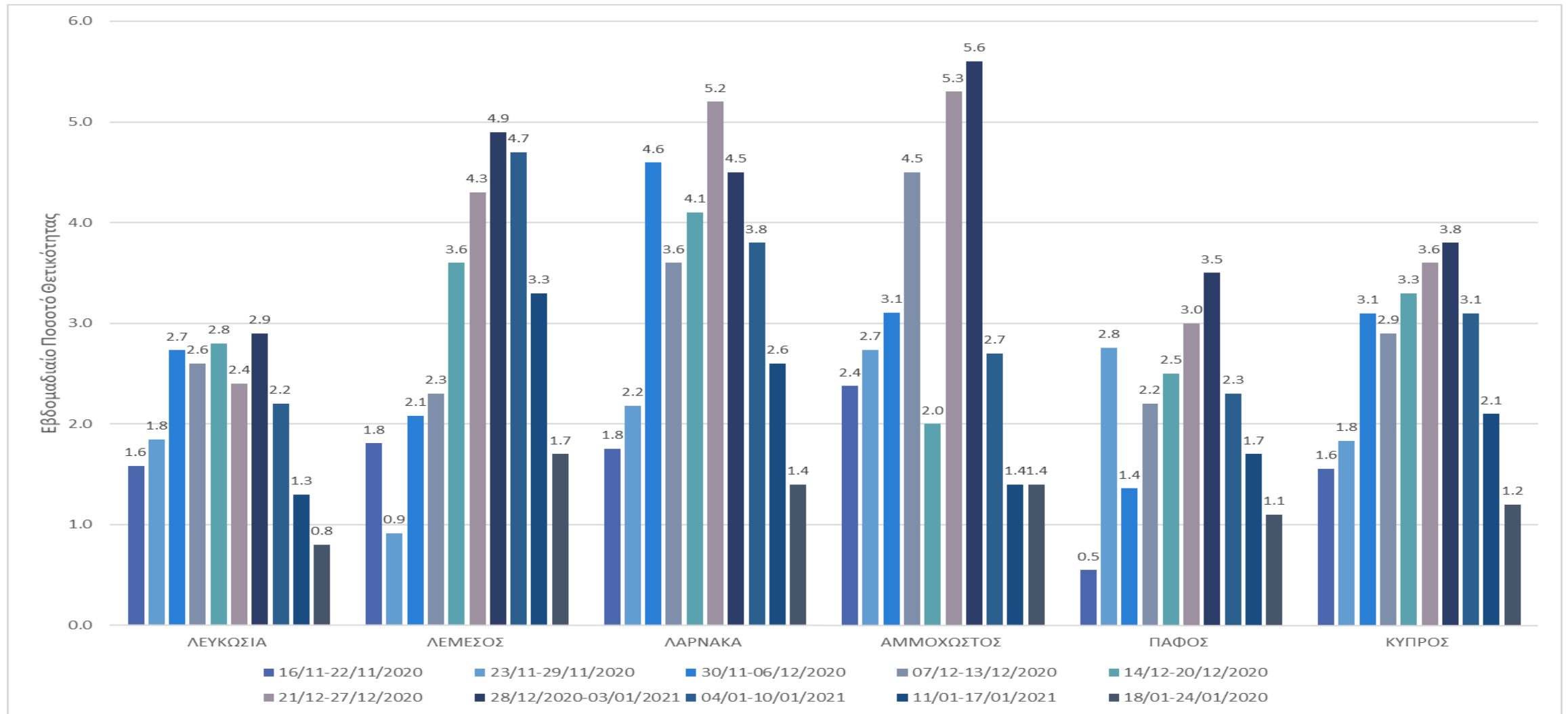
Percentage of new laboratory tests (molecular) with a positive result (all labs), per week



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

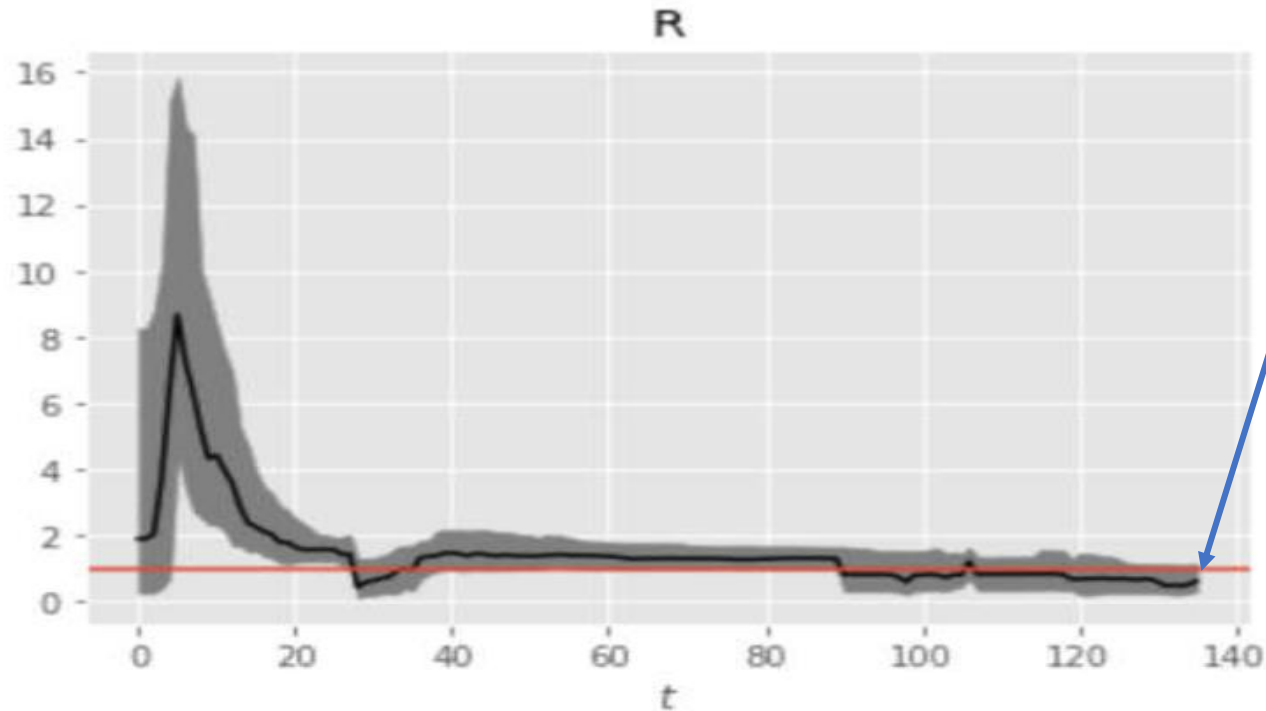


Rapid antigen tests (Ministry of Health) – percentage (weekly) with a positive result (overall and by district)



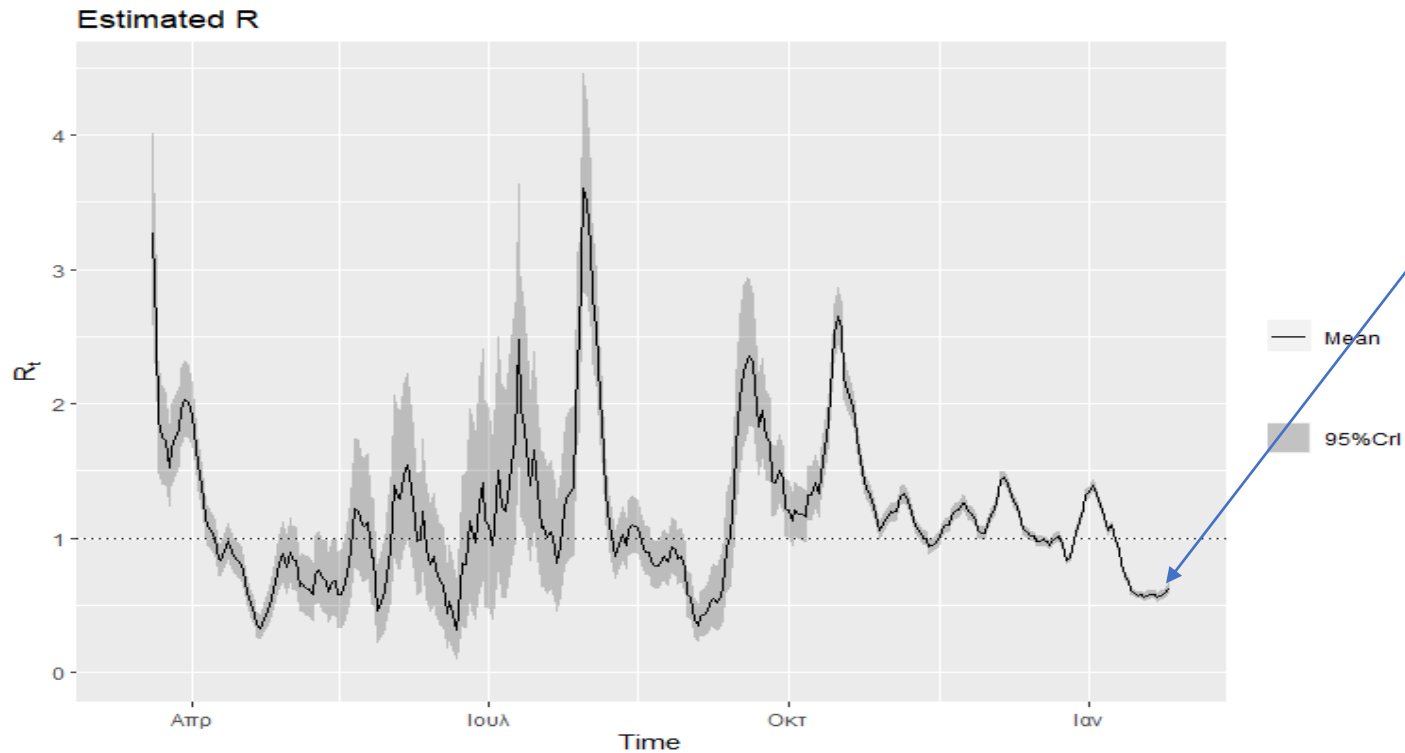
Effective reproductive number (R_t) – Method C

R_t recent days: 0.5 (90% credibility interval for the last day 0.3-1.1)

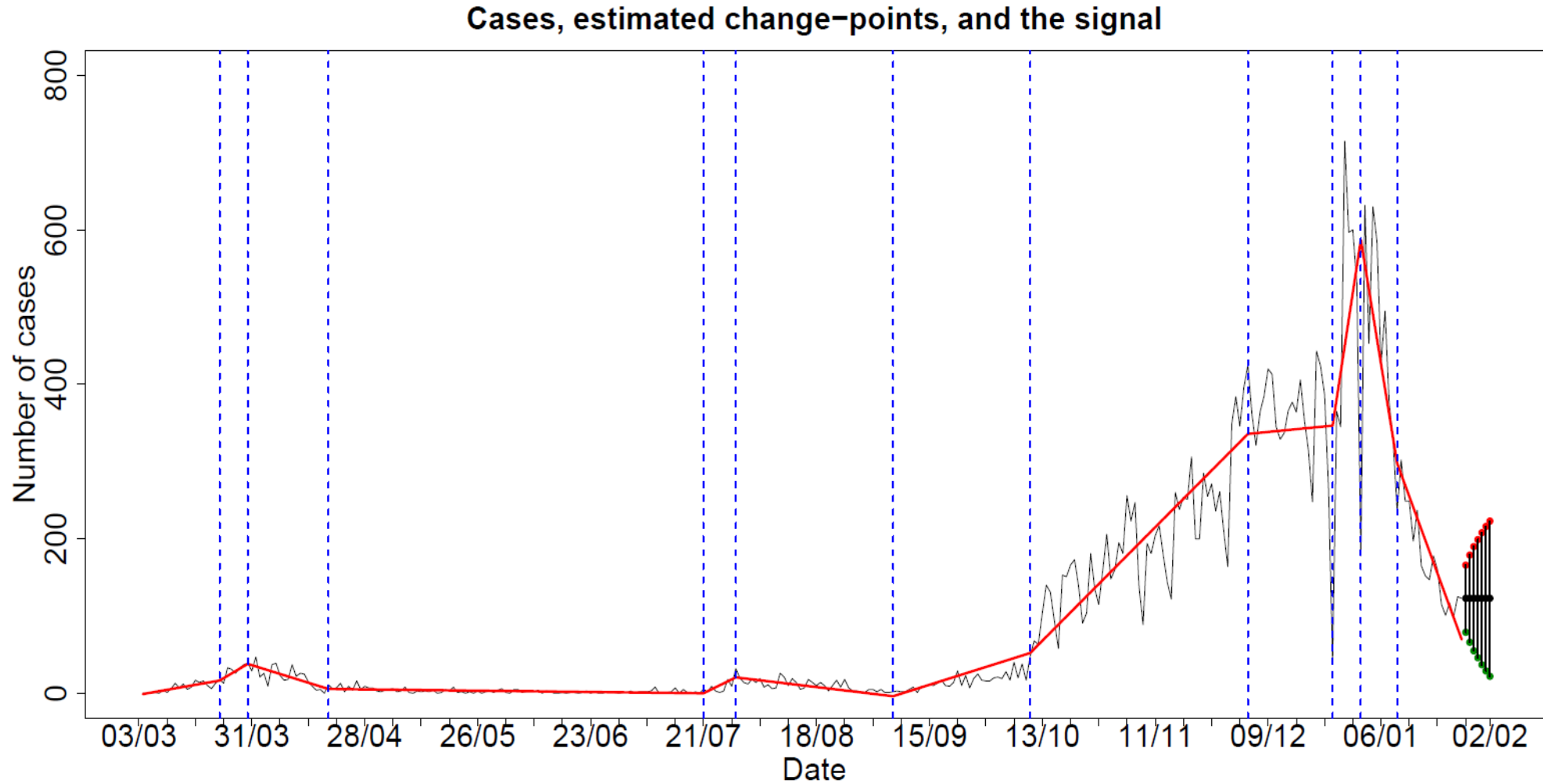


Effective reproductive number (R_t) – Method D (all cases)

R_t 20 - 26 Jan: 0.62 (0.58 - 0.66)



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, 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, 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, Olga Kalakouta, Georgios Nikolopoulos
- Scientific Committee: 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