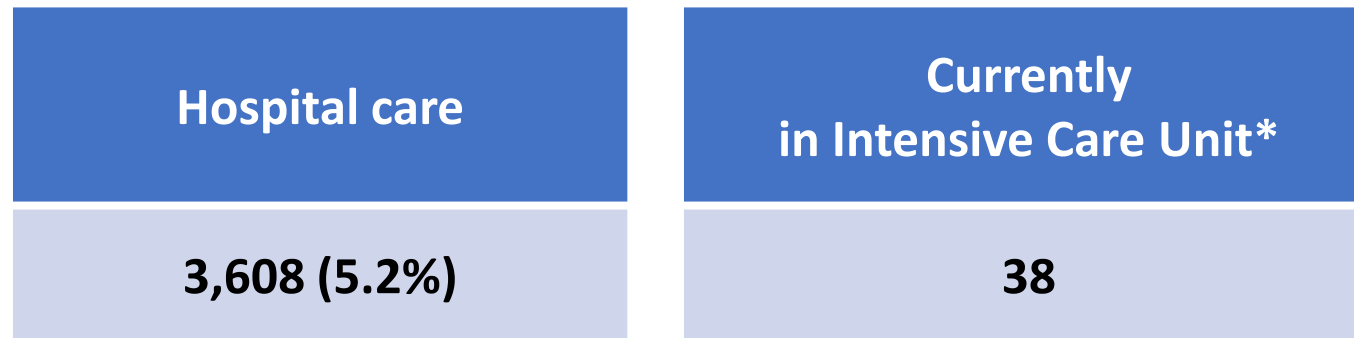
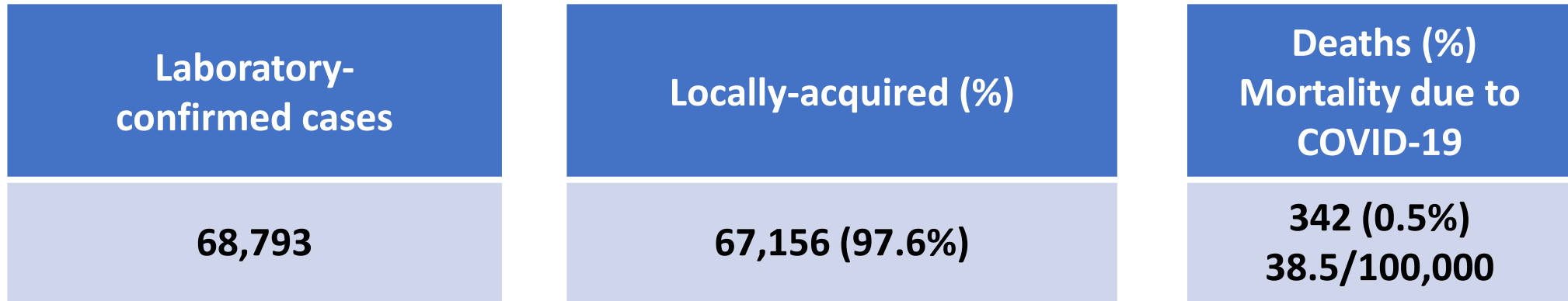


Coronavirus Disease 2019 (COVID-19) in the Republic of Cyprus

Surveillance Report as of 11/05/2021

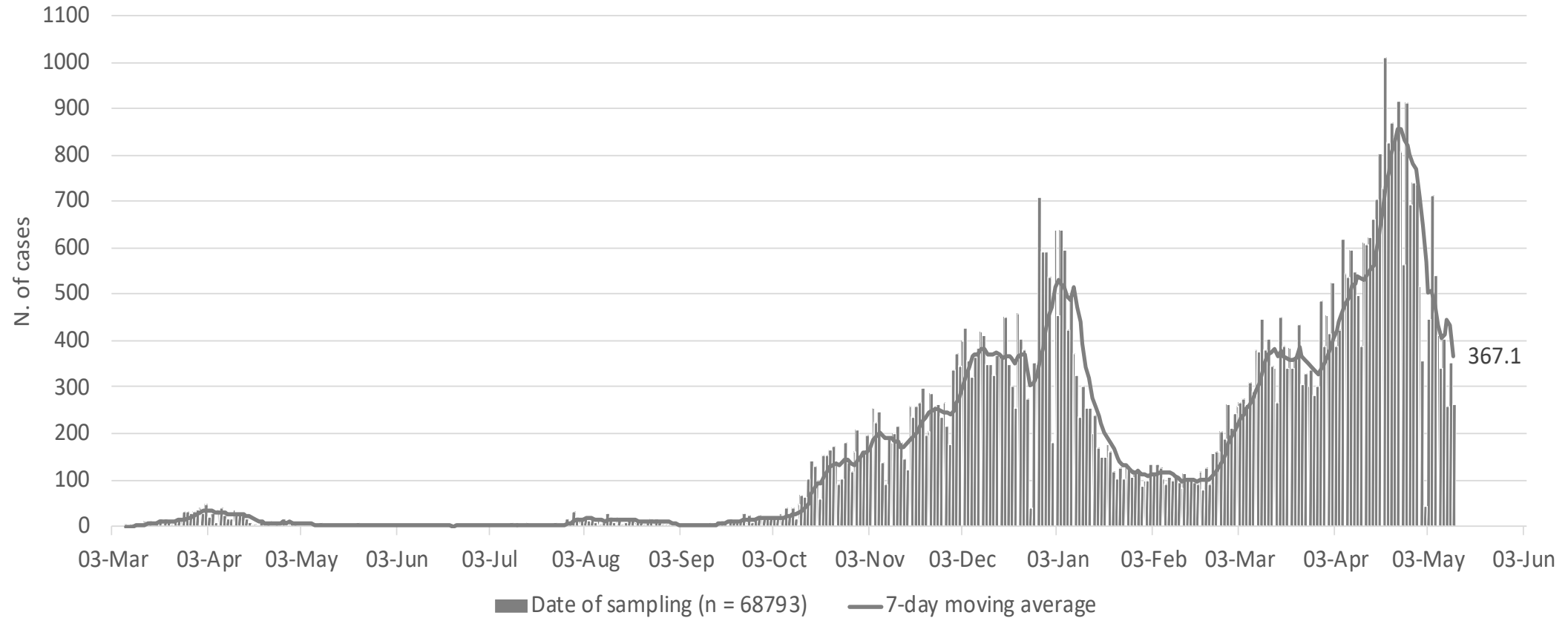
Nicosia 14/05/2021

Data in brief



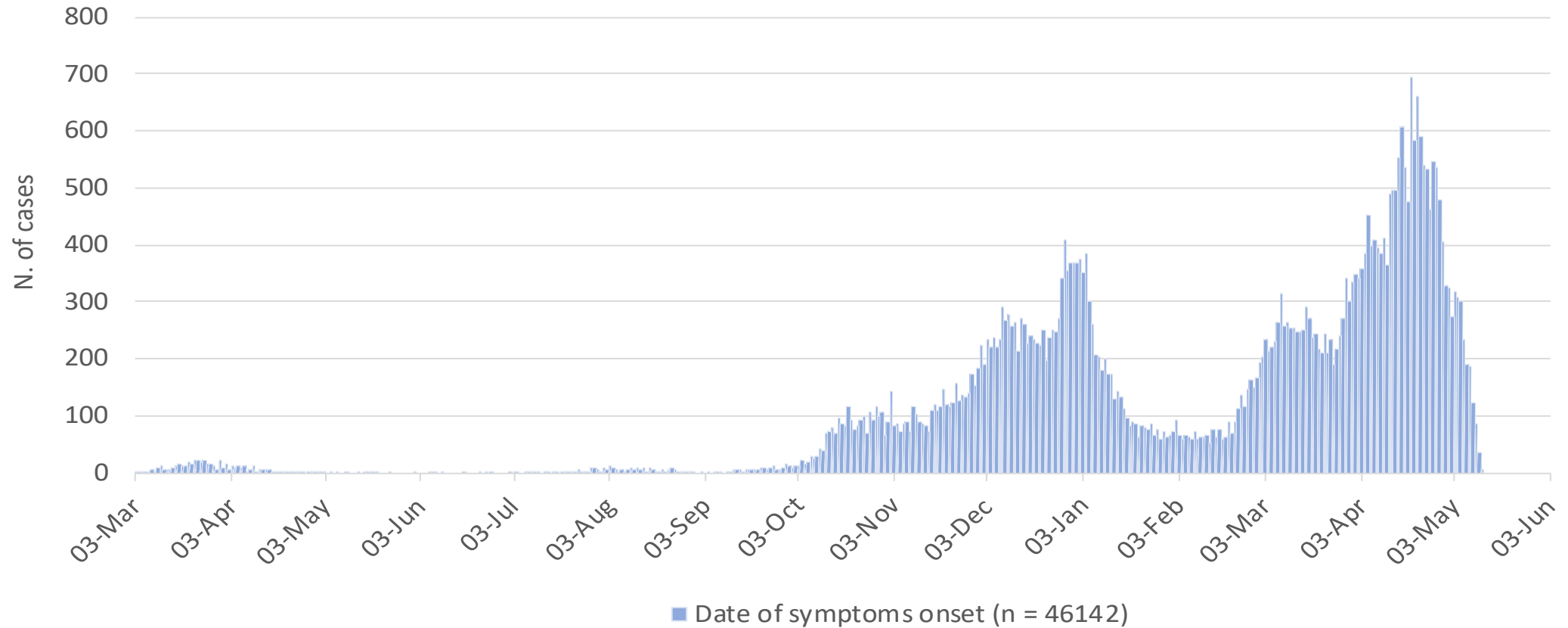
**Date of discharge/transfer/death included*

Laboratory-confirmed cases by date of sampling

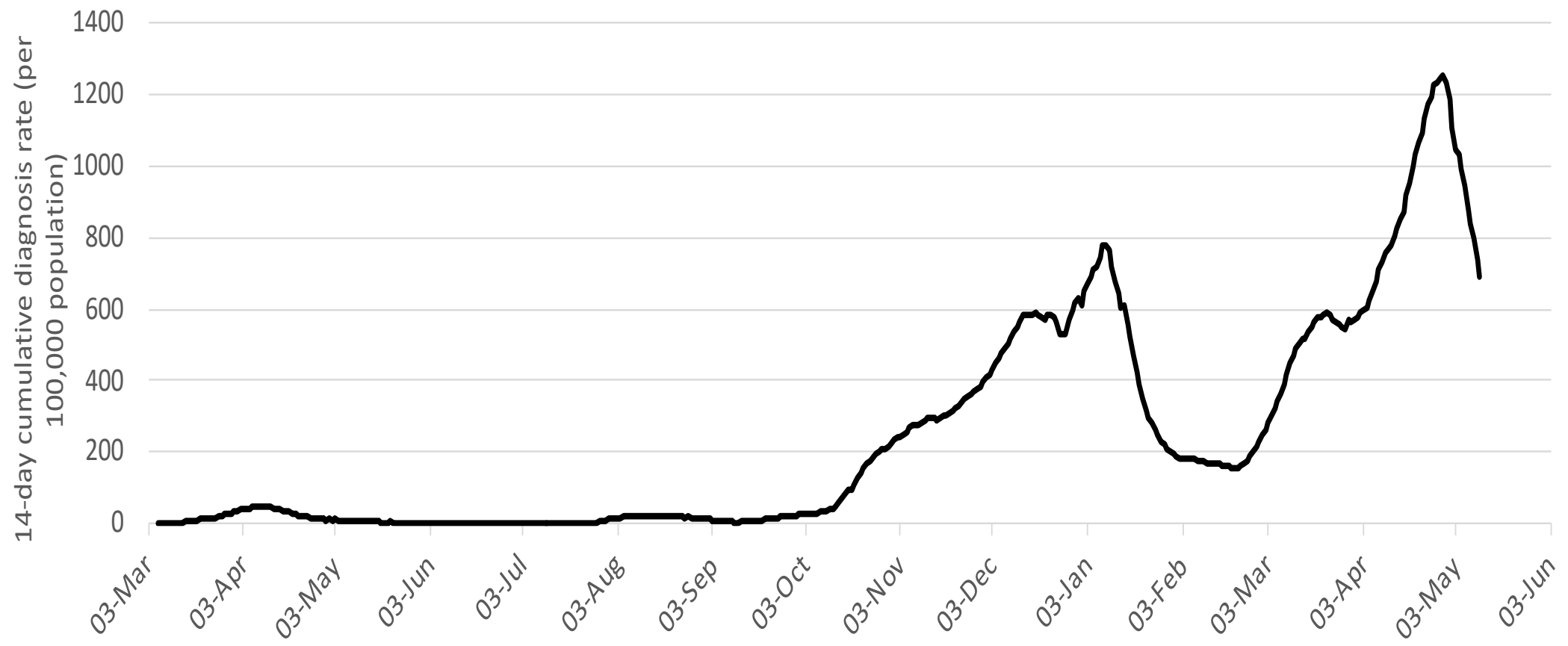


7-day moving average on May 11th is shown on the graph

Laboratory-confirmed cases by date of symptom onset



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



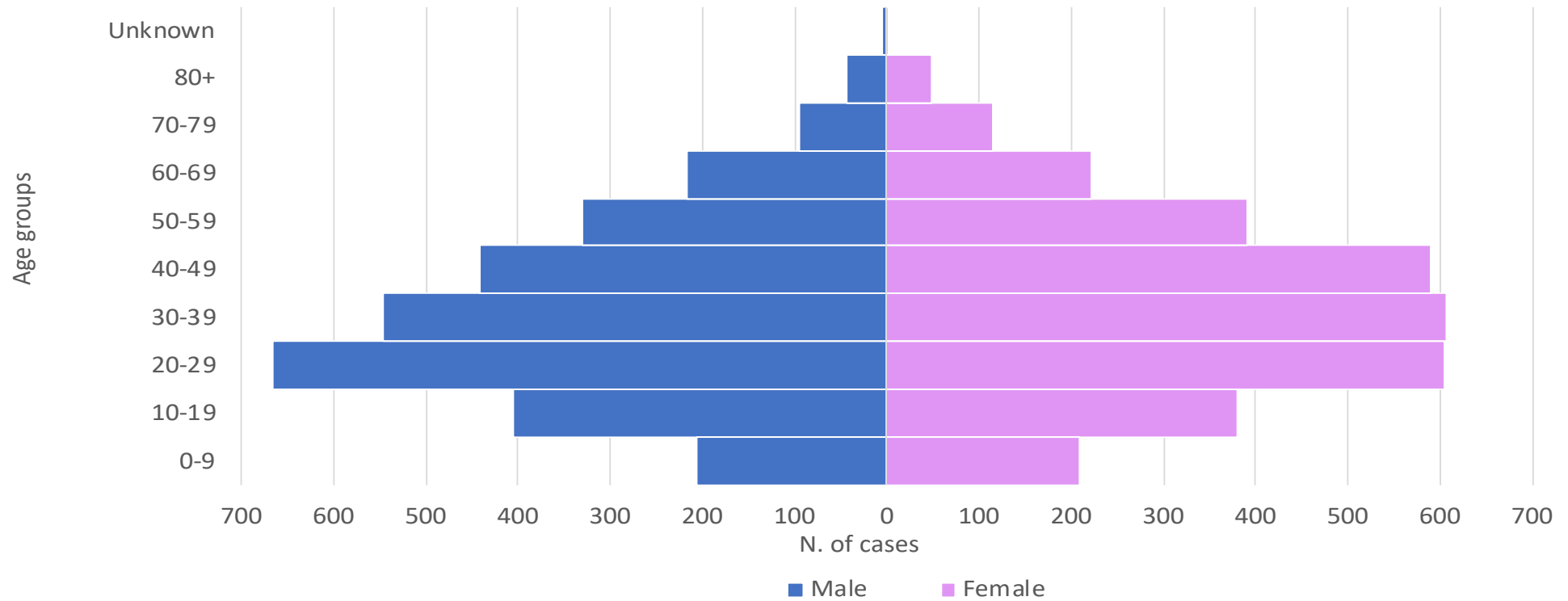
Data in brief (Last 14 days; 28 April – 11 May 2021)

Laboratory-confirmed cases	Locally-acquired (%)
6,121	6,037 (98.6%)

Currently in Intensive Care Unit*
38

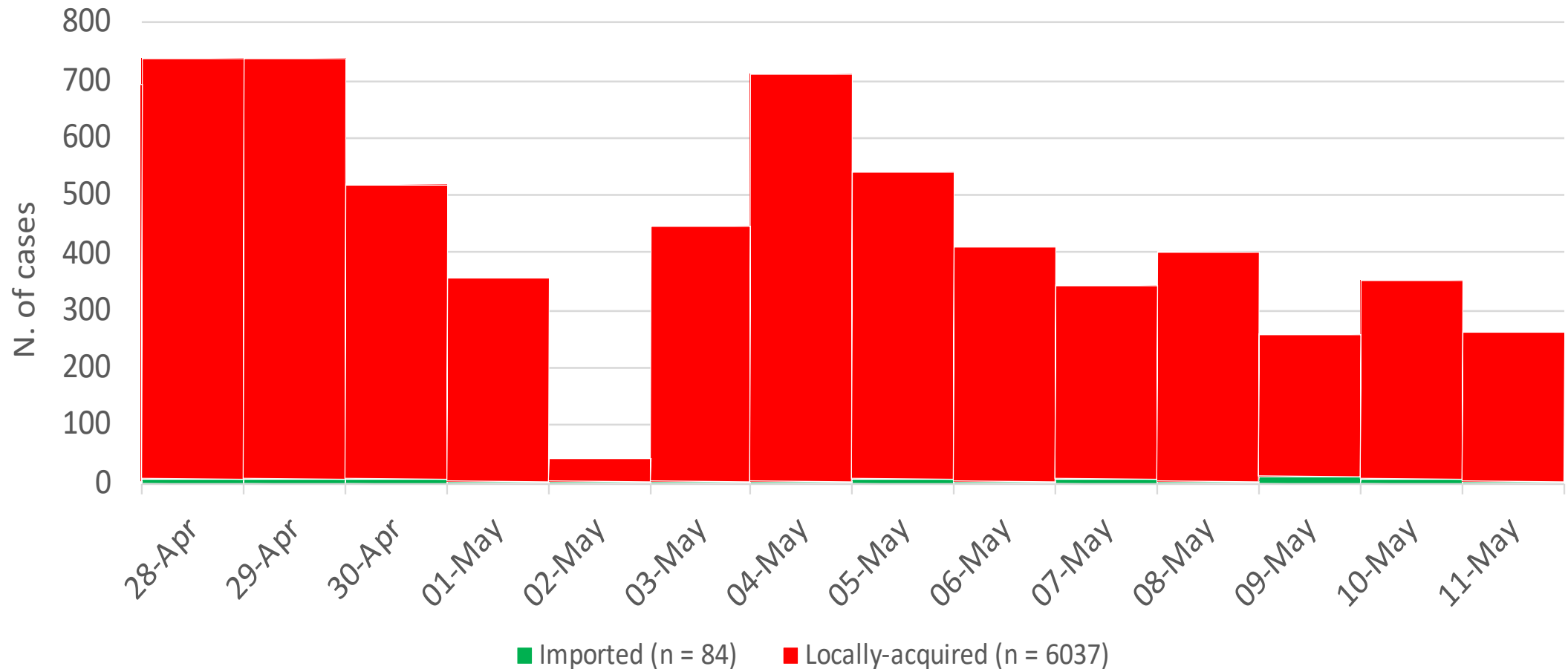
**Date of discharge/transfer/death included*

Distribution of cases diagnosed in the last 14 days by sex and age group (n = 6.121)

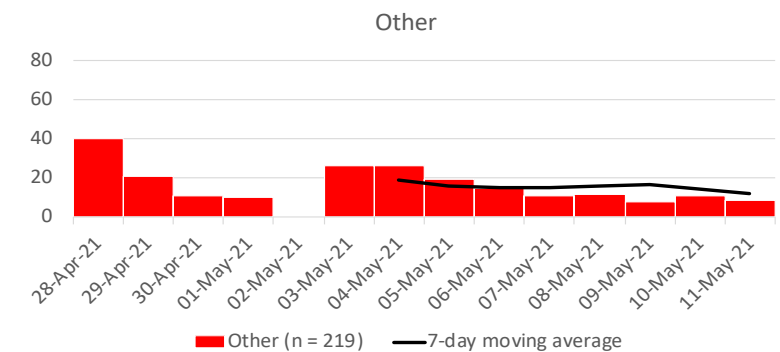
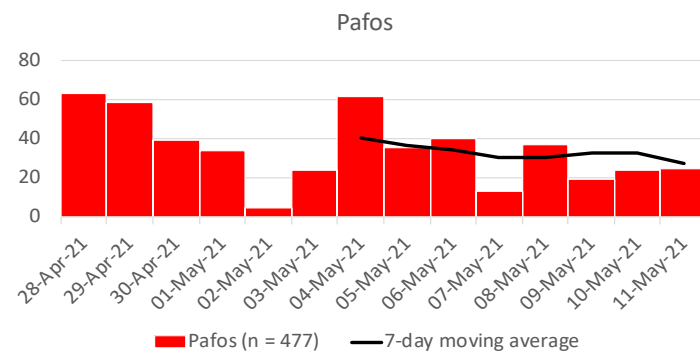
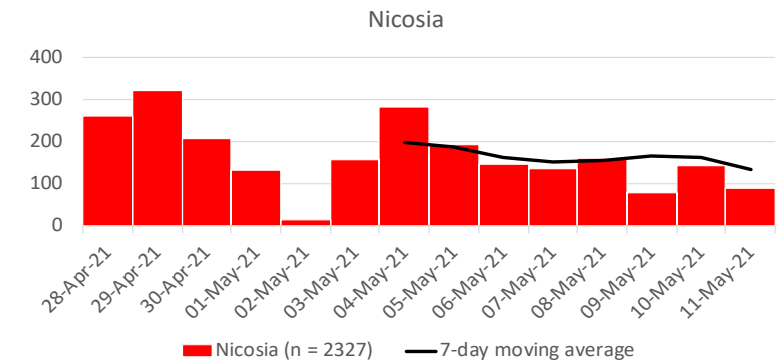
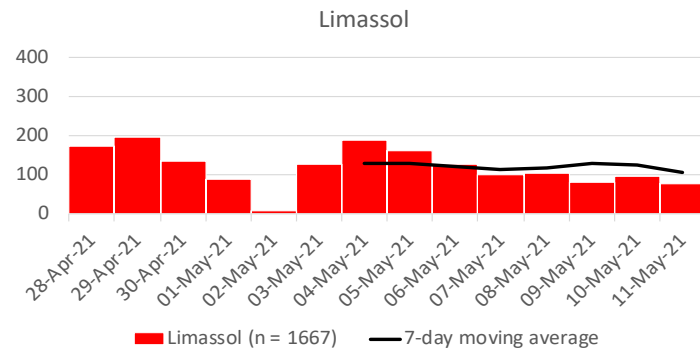
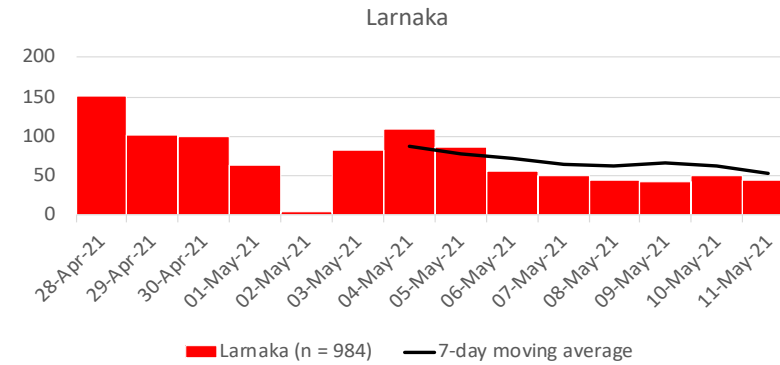
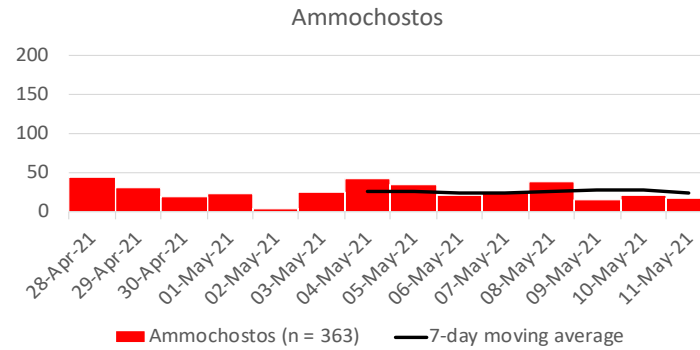


Median age: 35 years (interquartile range: 29-49 years)

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

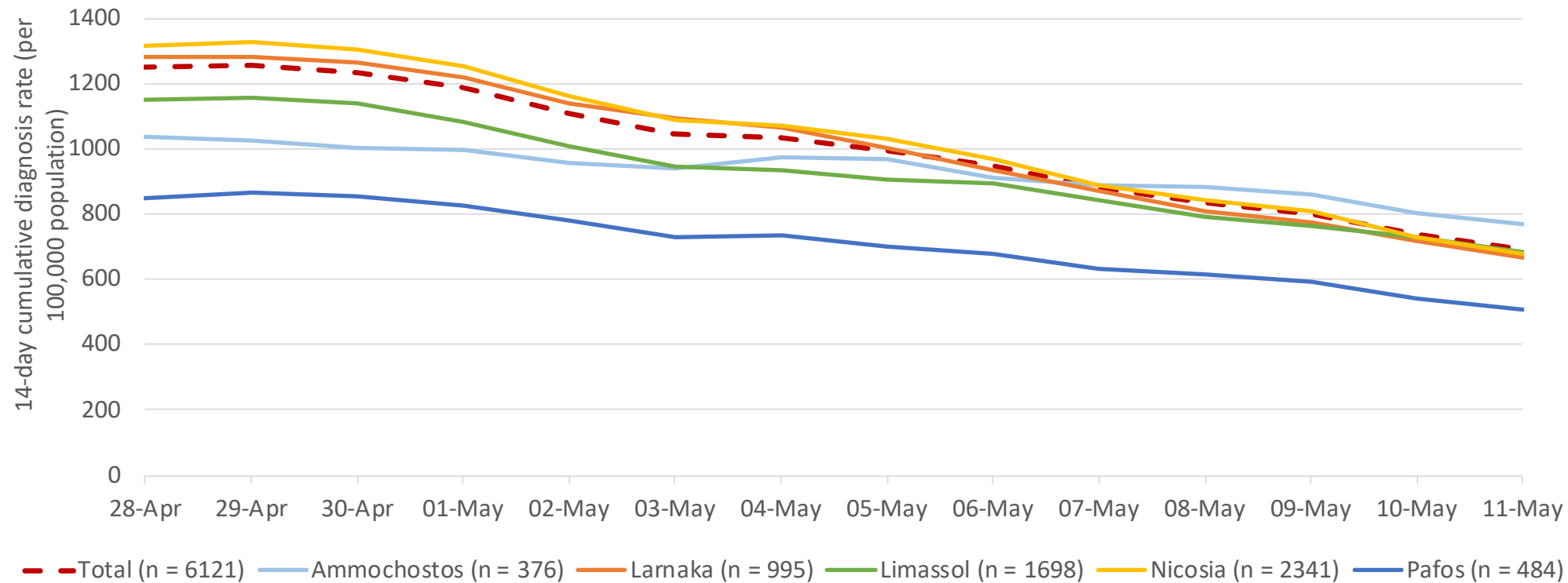


COVID-19 cases characteristics for the last 14 days

Characteristics	Total (n = 6121)		Imported (n = 84)		Locally-acquired (n = 6037)	
	N	%	N	%	N	%
Sex						
Male	2953	48.2	40	47.6	2913	48.3
Female	3165	51.7	44	52.4	3121	51.7
Unknown	3	0.0	0	0.0	3	0.0
Age groups (years)						
0-9	415	6.8	2	2.4	413	6.8
10-19	784	12.8	12	14.3	772	12.8
20-29	1271	20.8	26	31.0	1245	20.6
30-39	1155	18.9	26	31.0	1129	18.7
40-49	1030	16.8	10	11.9	1020	16.9
50-59	722	11.8	4	4.8	718	11.9
60-69	438	7.2	2	2.4	436	7.2
70-79	208	3.4	0	0.0	208	3.4
80+	92	1.5	2	2.4	90	1.5
Unknown	6	0.1	0	0.0	6	0.1
Median age in years (IQR)	35 (22-49)		30 (21-38)		35 (23-49)	
District						
Ammochostos	376	6.1	13	15.5	363	6.0
Larnaka	995	16.3	11	13.1	984	16.3
Limassol	1698	27.7	31	36.9	1667	27.6
Nicosia	2341	38.2	14	16.7	2327	38.5
Pafos	484	7.9	7	8.3	477	7.9
Other	227	3.7	8	9.5	219	3.6
Symptoms at diagnosis						
Yes	4381	71.6	37	44.0	4344	72.0
No	1740	28.4	47	56.0	1693	28.0
Unknown	0	0.0	0	0.0	0	0.0

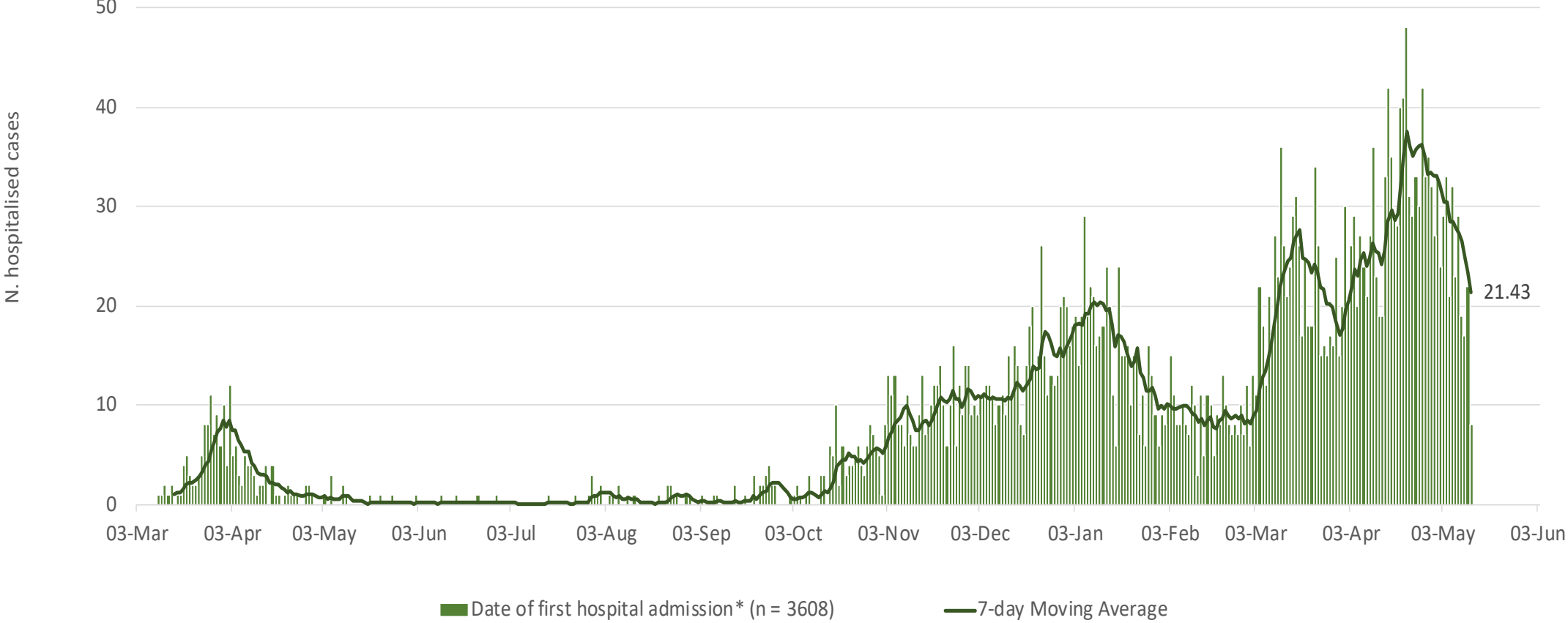
IQR: interquartile range

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



689.3	768.9	667.8	683.9	675.8	507.3
May 11 th , 2021					

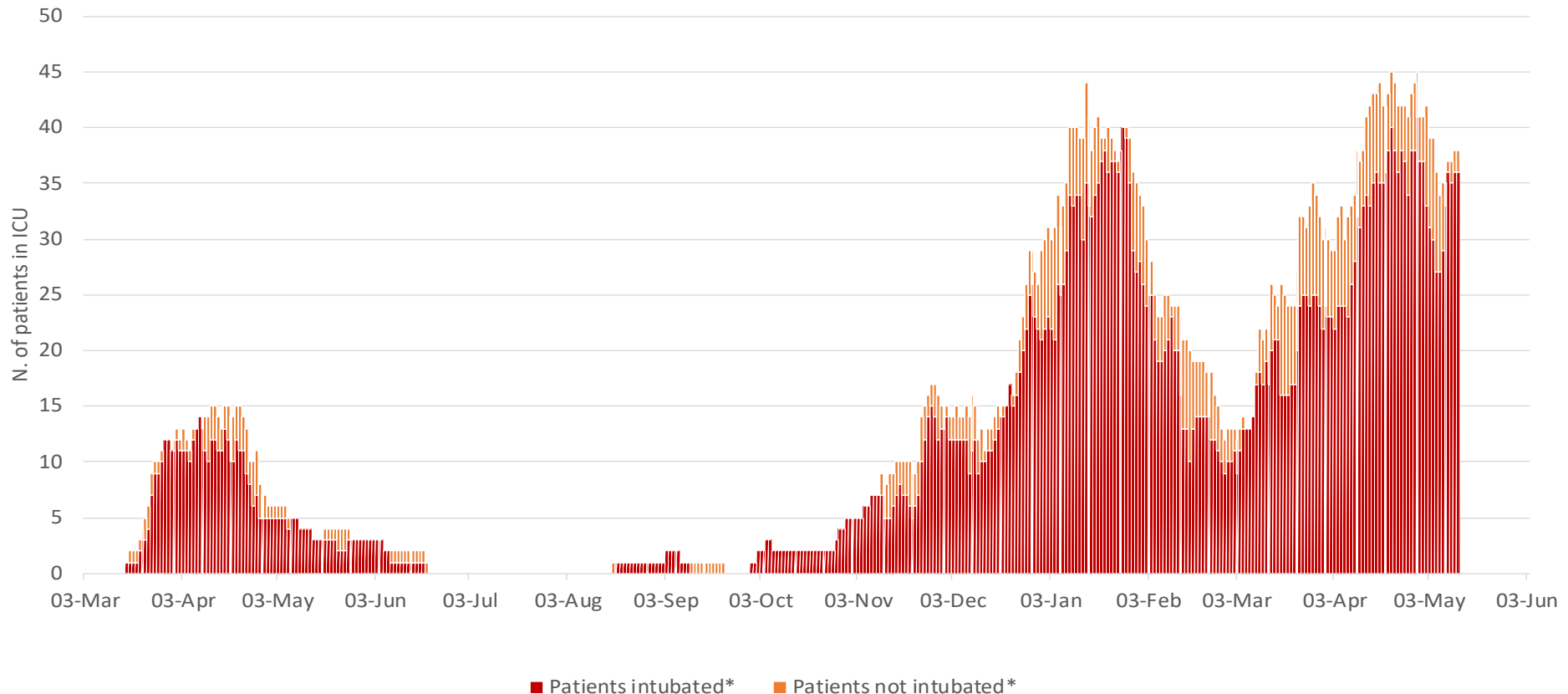
Number of cases by date of hospital admission



7 day moving average on May 11th is shown on the graph

Cases in intensive care units (ICU)*

- Total: 357 (9,9% of all ever hospitalized patients) have ever been admitted to ICU – 38 (diagnosis till May 11th - currently in ICU as of May 12th)

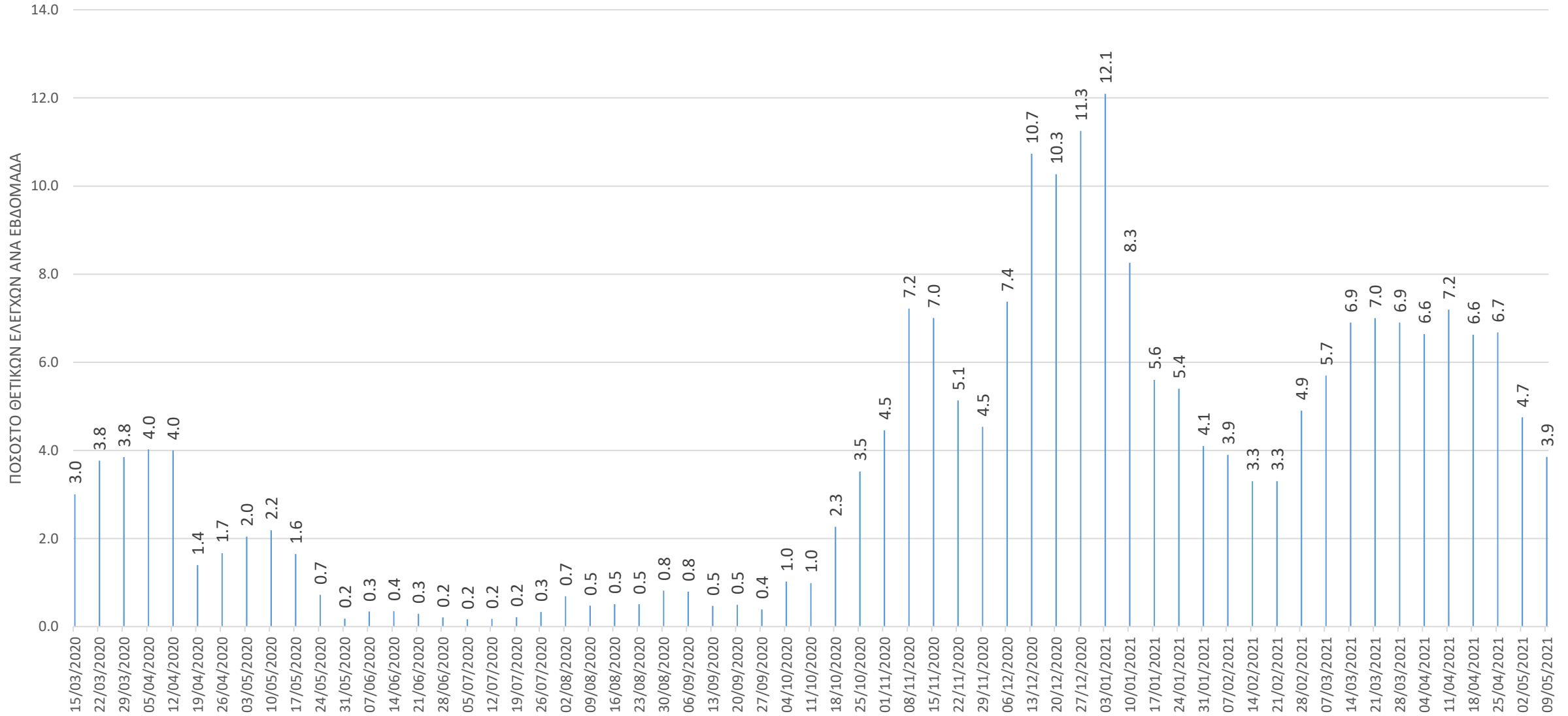


*Intensive care unit (ICU) refers only to the ICU in Limassol General Hospital and ICU in Nicosia General Hospital
Date of discharge/transfer/death included

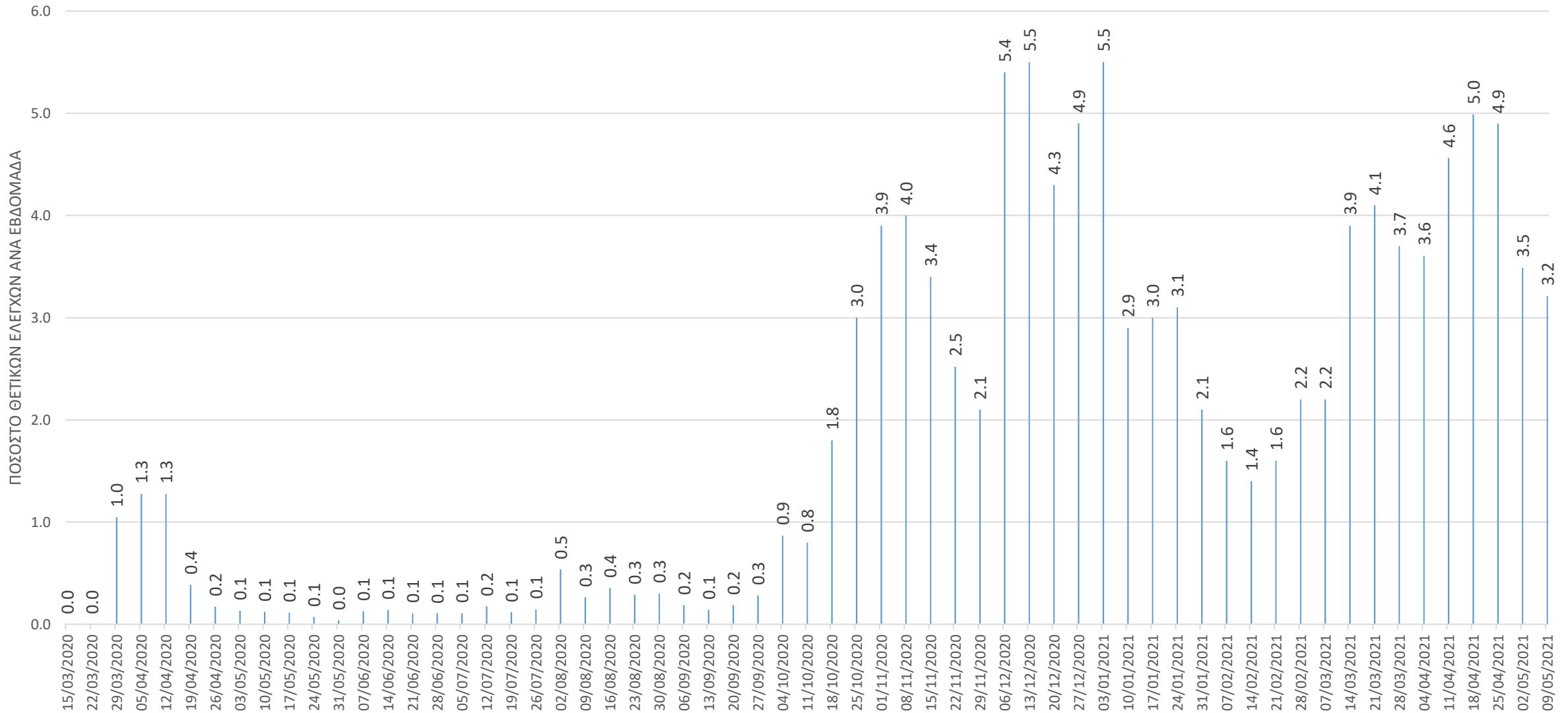
Molecular tests and antigen rapid tests

	Molecular tests (as announced by the Ministry of Health)	Antigen rapid tests (Ministry of Health)
Total overall	1,236,532	4,726,077
Tests/100.000	139,249.1	532,215.9
Total (Last 14 days)	97,313	698,772
Last 14 days/100.000	10,958.7	78,690.5

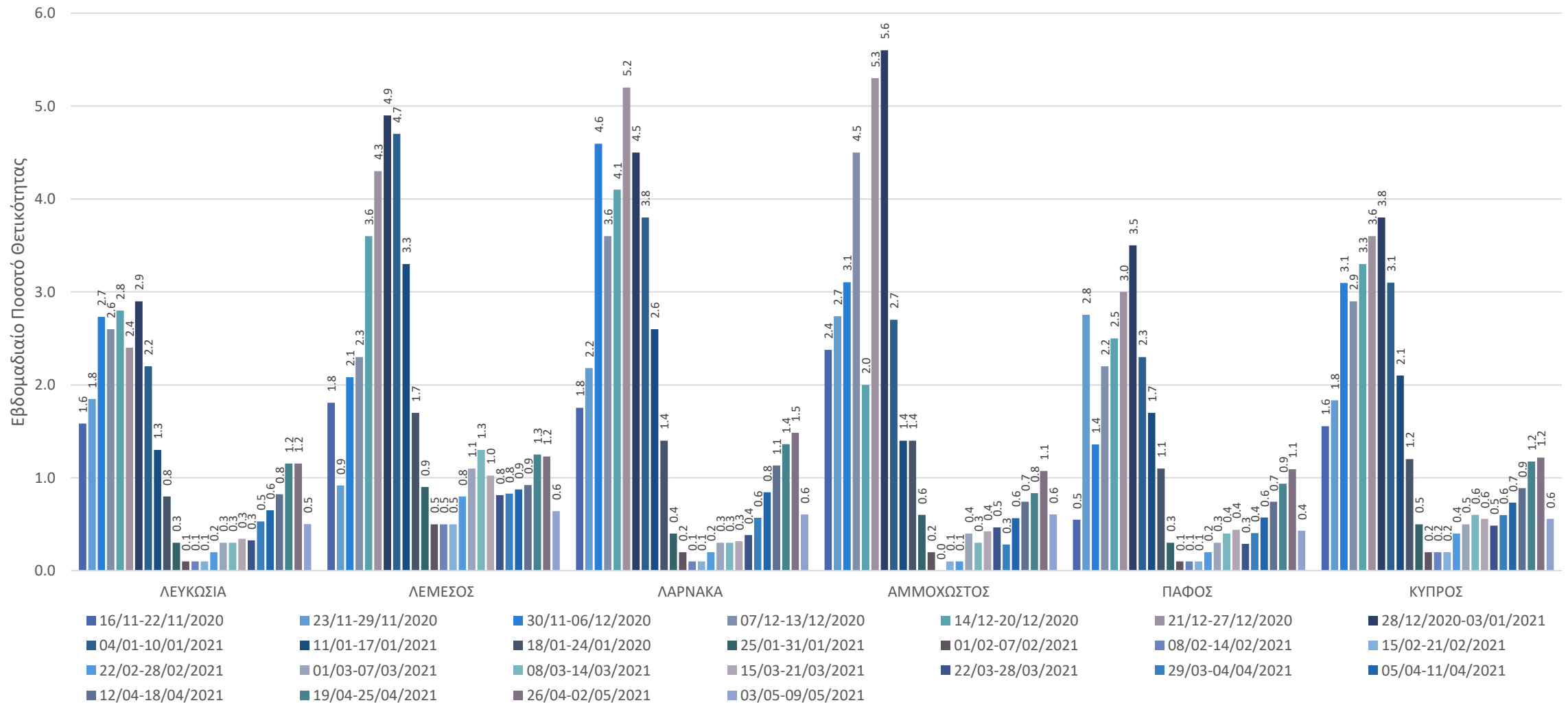
Percentage of laboratory tests (molecular) with a positive result (all labs), per week



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

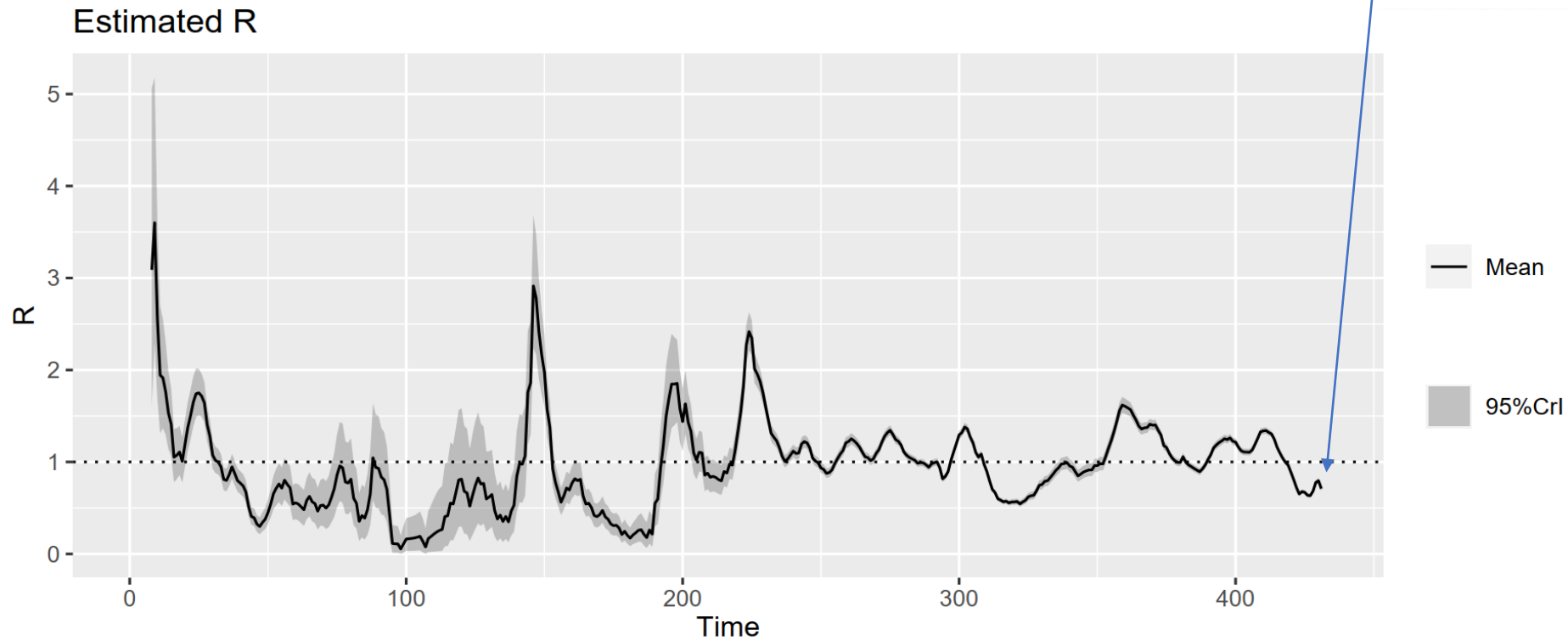


Rapid antigen tests (Ministry of Health) – percentage (weekly) with a positive result (overall and by district)



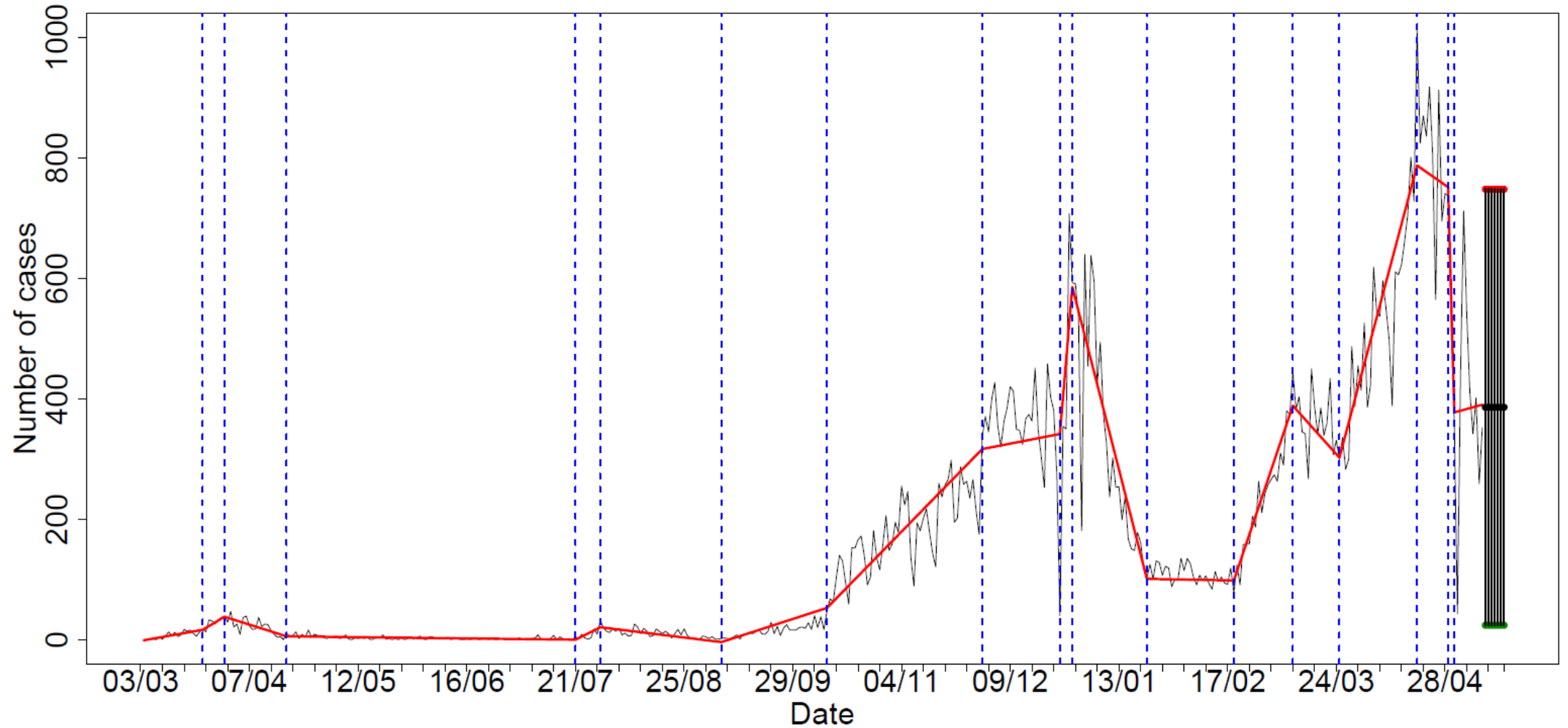
Effective reproduction number (R_t) – Method D (Locally-acquired cases)

R_t 5 - 11 May: 0.71 (0.68 - 0.74)



Change-point analysis and predictions

Cases, estimated change-points, and the signal



Mathematical Modeling of COVID-19 Pandemic

Research Team

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Laboratory tests for SARS-CoV-2

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