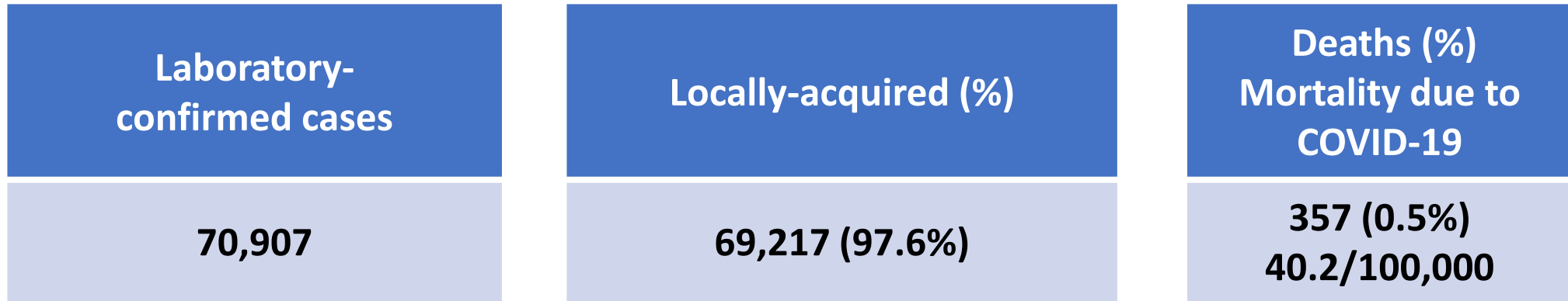


Coronavirus Disease 2019 (COVID-19) in the Republic of Cyprus

Surveillance Report as of 25/05/2021

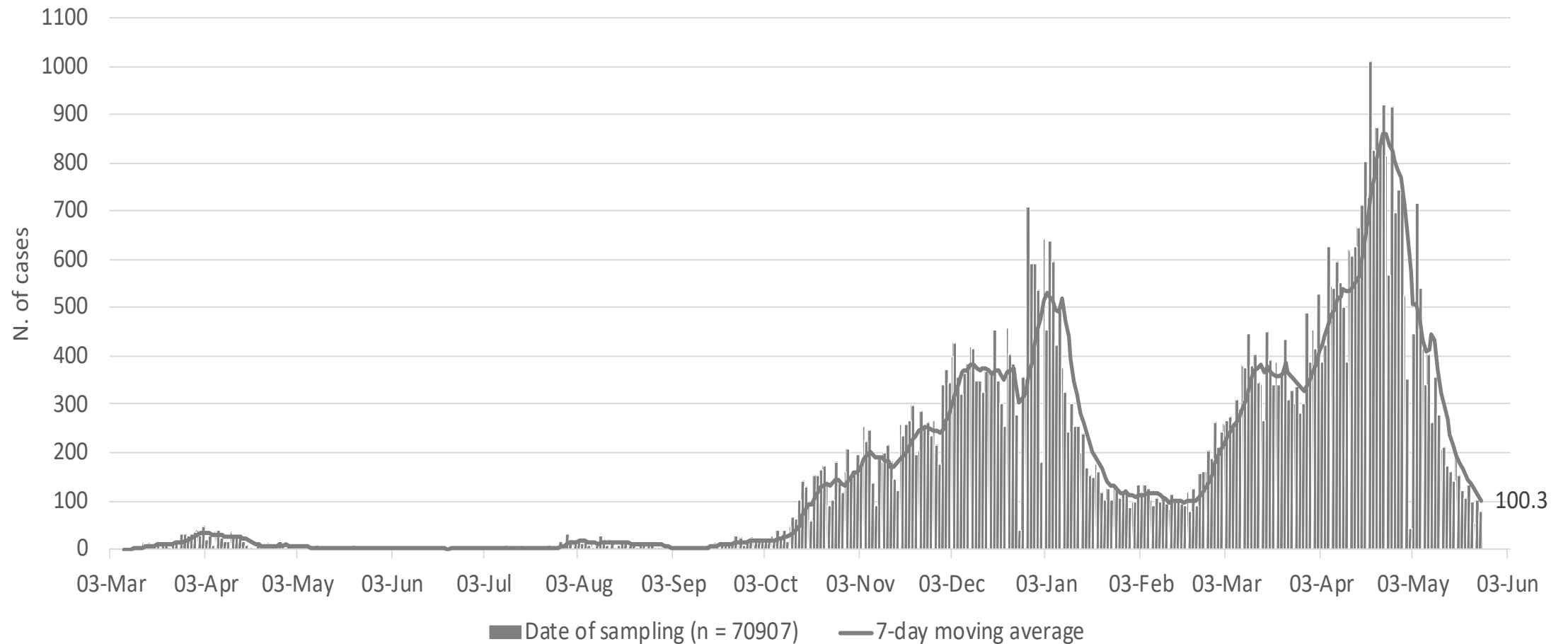
Nicosia 28/05/2021

Data in brief



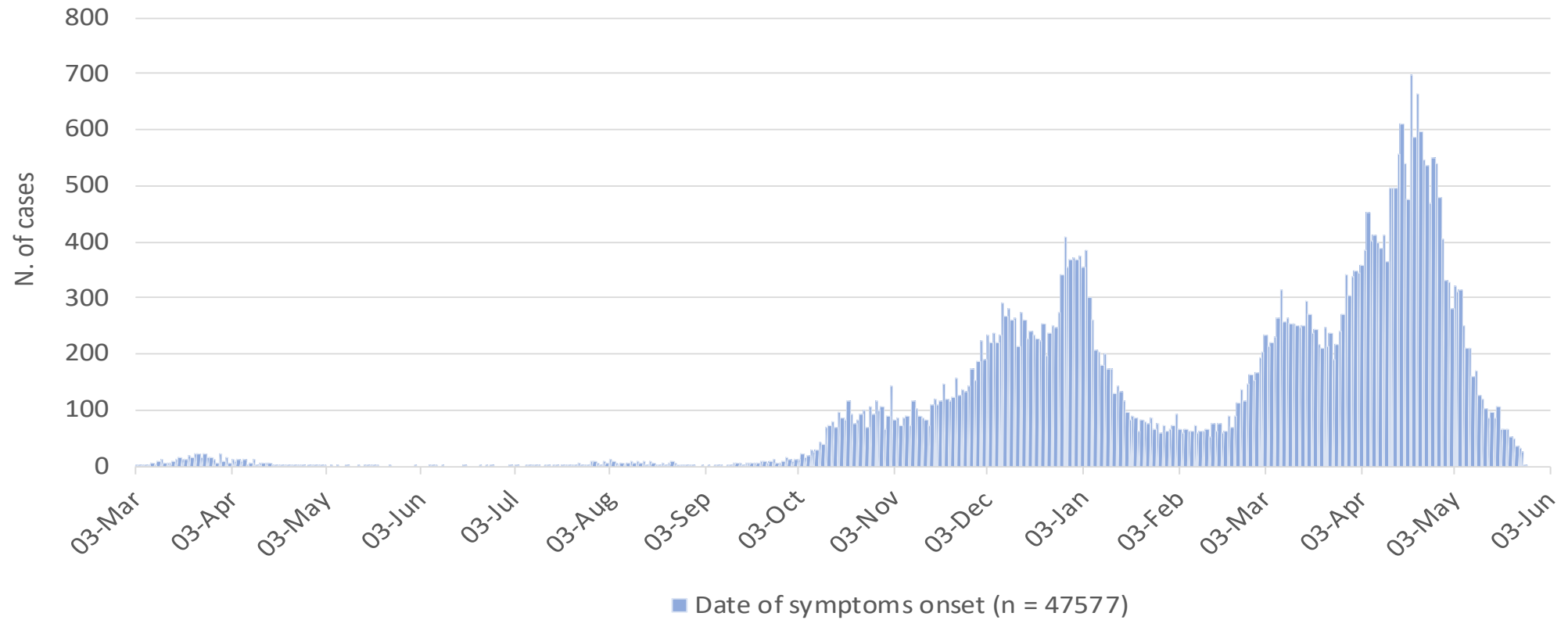
**Date of discharge/transfer/death included*

Laboratory-confirmed cases by date of sampling

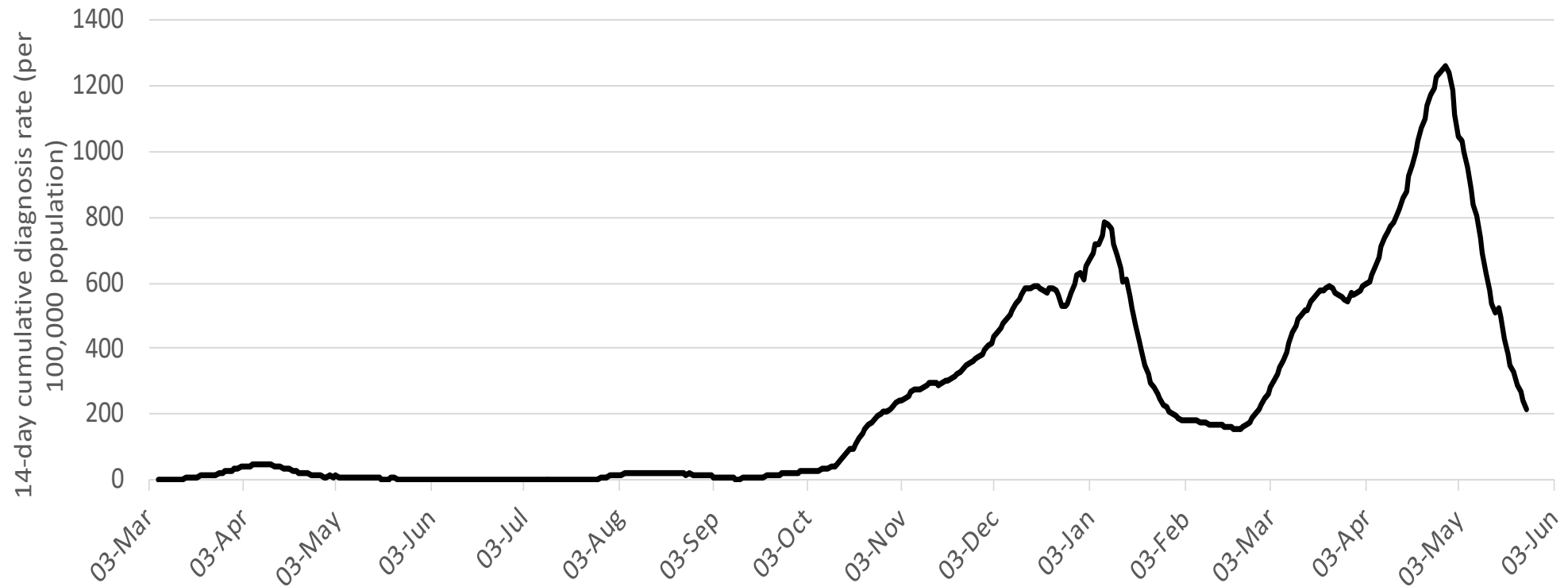


7-day moving average on May 25th is shown on the graph

Laboratory-confirmed cases by date of symptom onset



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



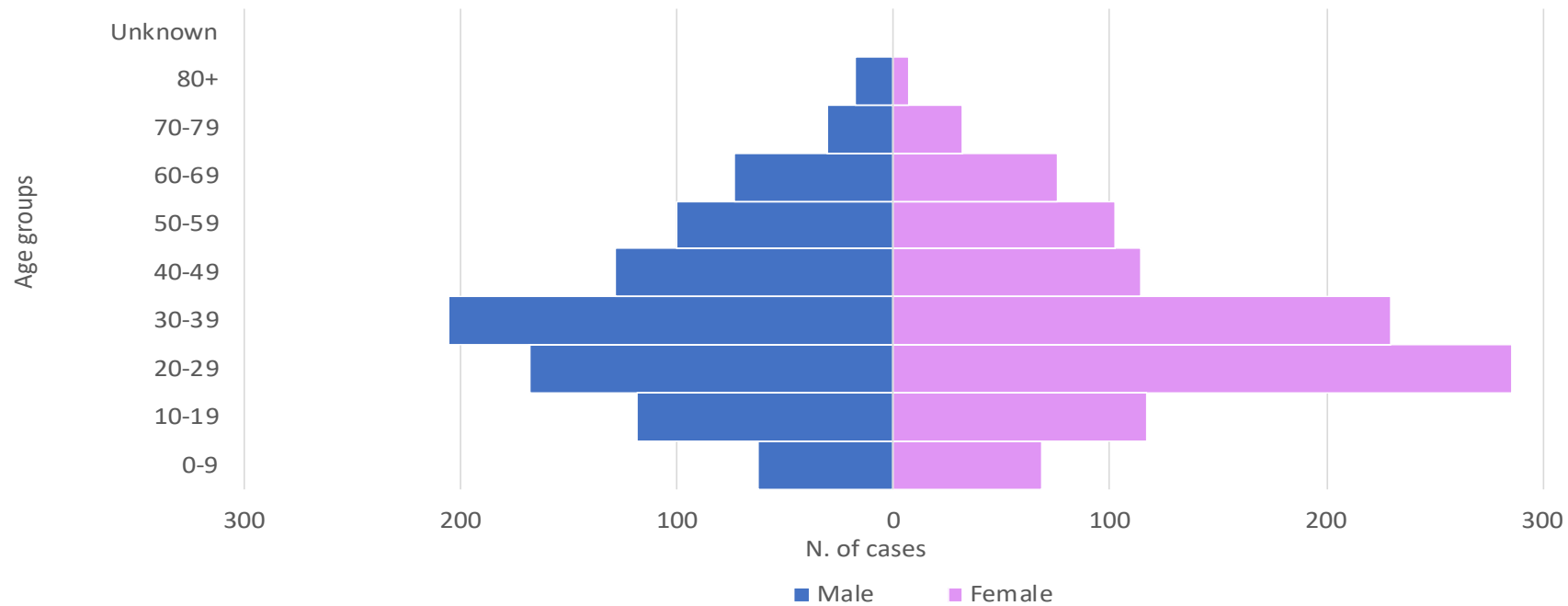
Data in brief (Last 14 days; 12 – 25 May 2021)

Laboratory-confirmed cases	Locally-acquired (%)
1,941	1,897 (97.7%)

Currently in Intensive Care Unit*
30

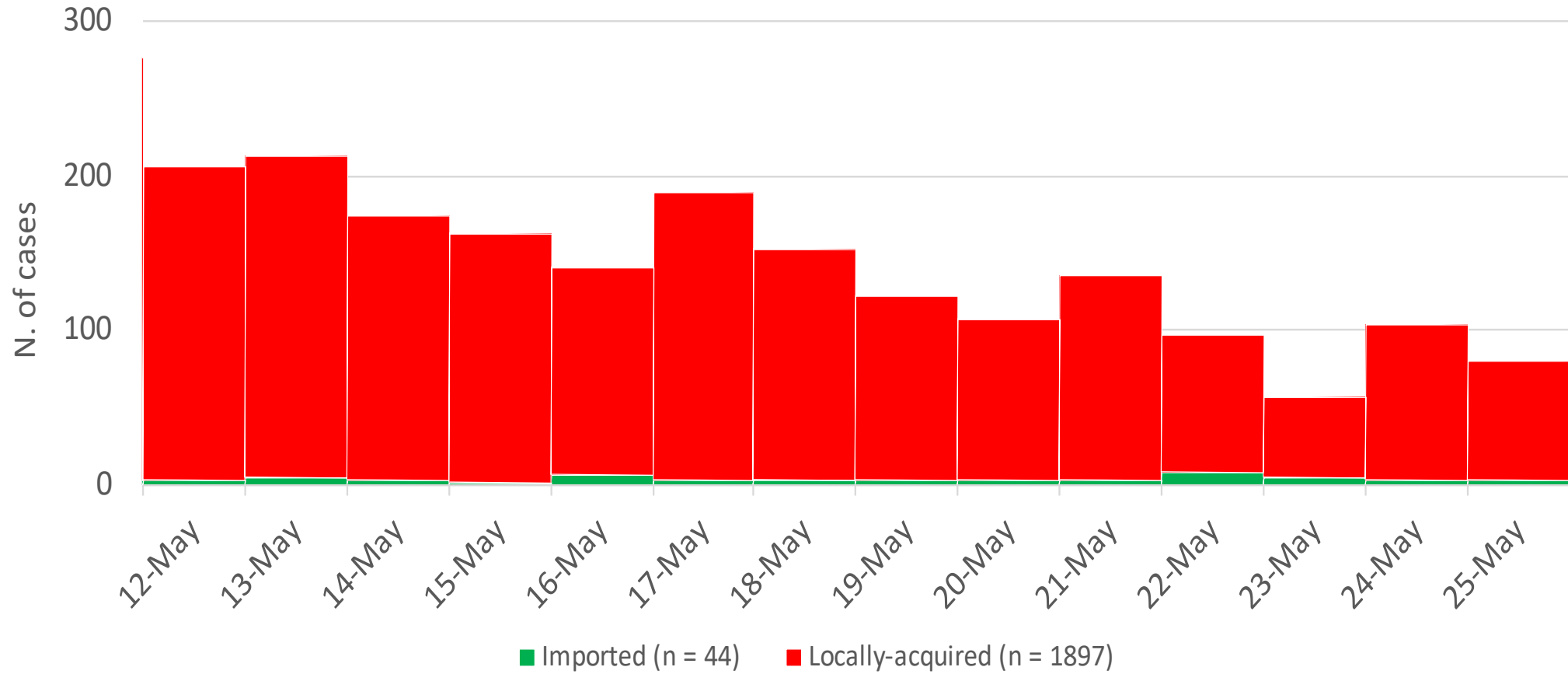
**Date of discharge/transfer/death included*

Distribution of cases diagnosed in the last 14 days by sex and age group (n = 1.941)

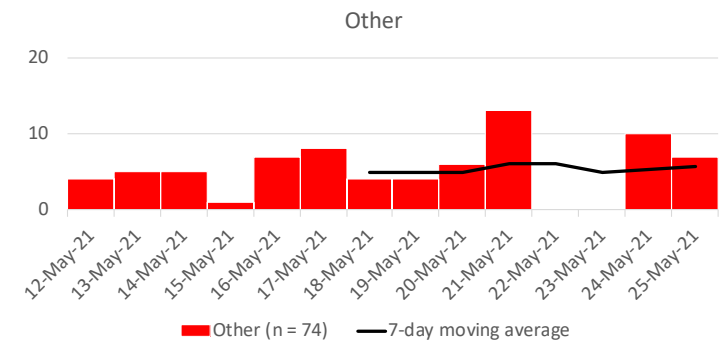
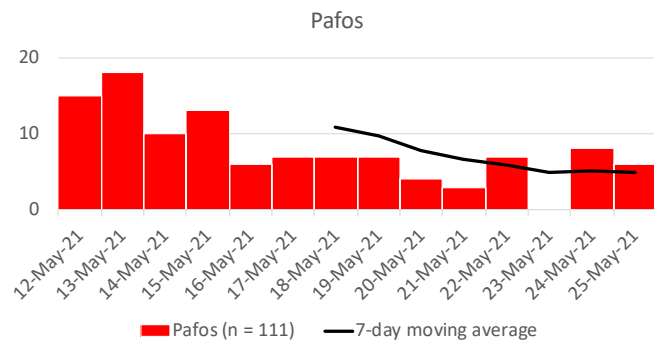
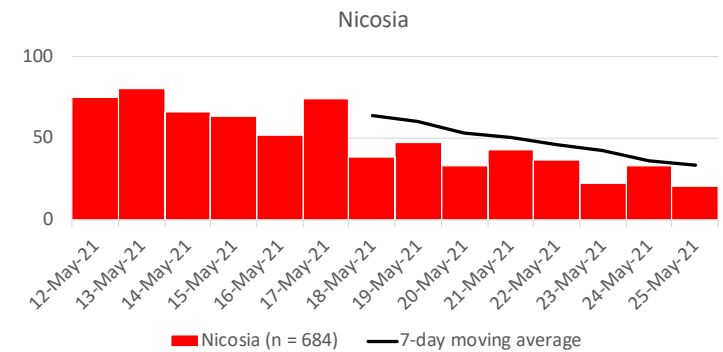
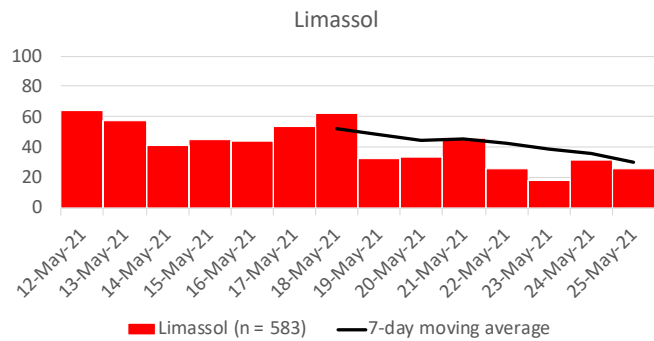
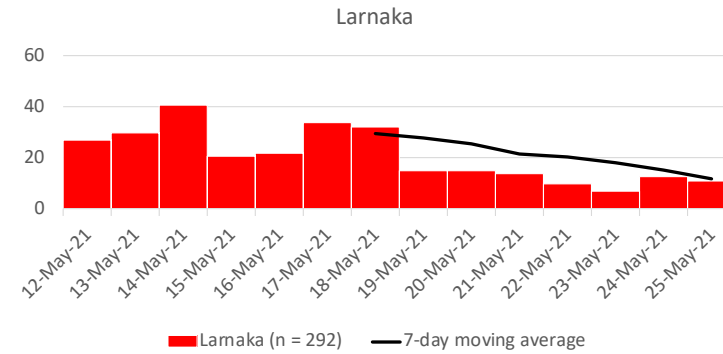
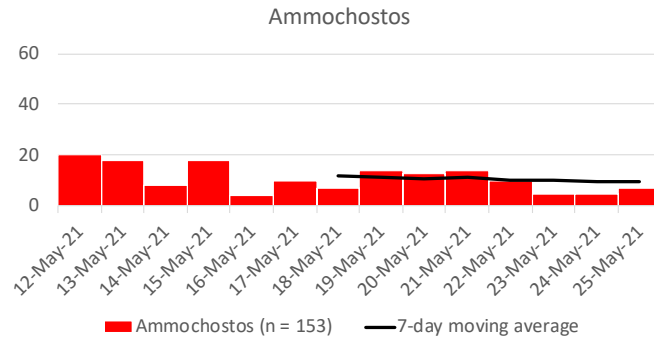


Median age: 33 years (interquartile range: 23-47 years)

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

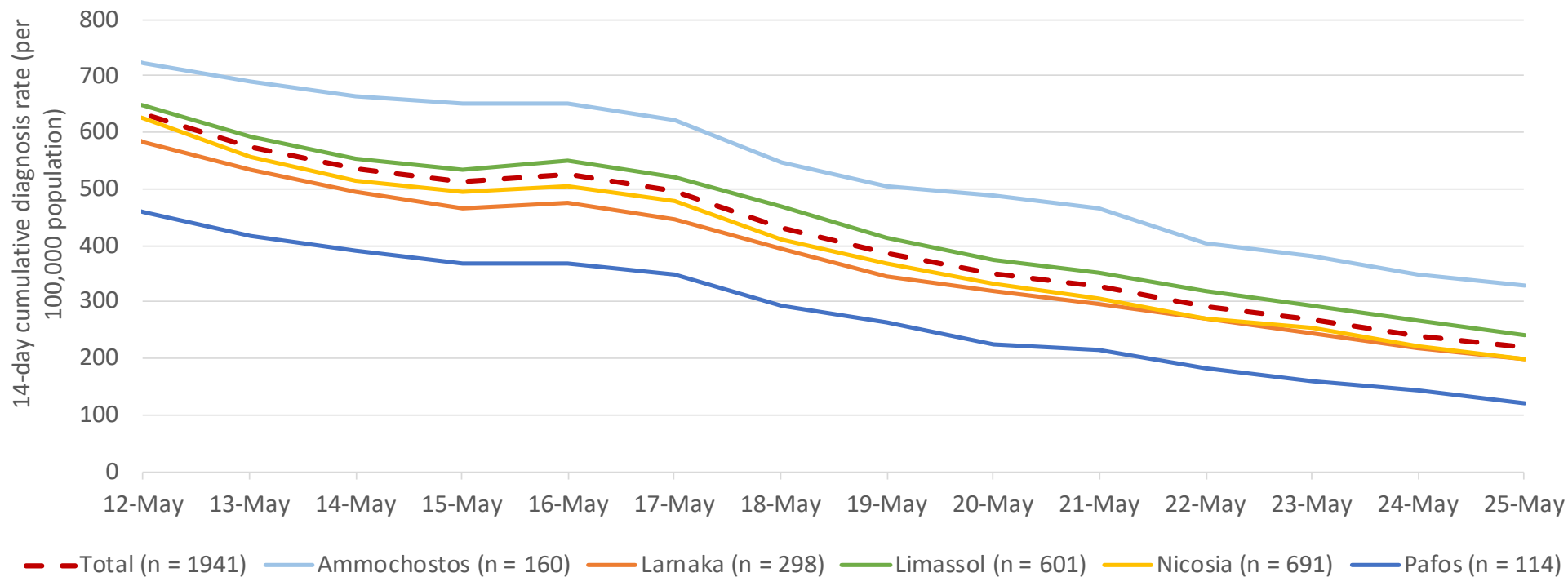


COVID-19 cases characteristics for the last 14 days

Characteristics	Total (n = 1941)		Imported (n = 44)		Locally-acquired (n = 1897)	
	N	%	N	%	N	%
Sex						
Male	1032	53.2	18	40.9	1014	53.5
Female	908	46.8	26	59.1	882	46.5
Unknown	1	0.1	0	0.0	1	0.1
Age groups (years)						
0-9	131	6.7	1	2.3	130	6.9
10-19	236	12.2	8	18.2	228	12.0
20-29	454	23.4	2	4.5	452	23.8
30-39	437	22.5	18	40.9	419	22.1
40-49	243	12.5	8	18.2	235	12.4
50-59	202	10.4	2	4.5	200	10.5
60-69	150	7.7	4	9.1	146	7.7
70-79	63	3.2	1	2.3	62	3.3
80+	25	1.3	0	0.0	25	1.3
Unknown	0	0.0	0	0.0	0	0.0
Median age in years (IQR)	33 (23-47)		35 (27-45)		33 (23-47)	
District						
Ammochostos	160	8.2	7	15.9	153	8.1
Larnaka	298	15.4	6	13.6	292	15.4
Limassol	601	31.0	18	40.9	583	30.7
Nicosia	691	35.6	7	15.9	684	36.1
Pafos	114	5.9	3	6.8	111	5.9
Other	77	4.0	3	6.8	74	3.9
Symptoms at diagnosis						
Yes	1272	65.5	21	47.7	1251	65.9
No	669	34.5	23	52.3	646	34.1
Unknown	0	0.0	0	0.0	0	0.0

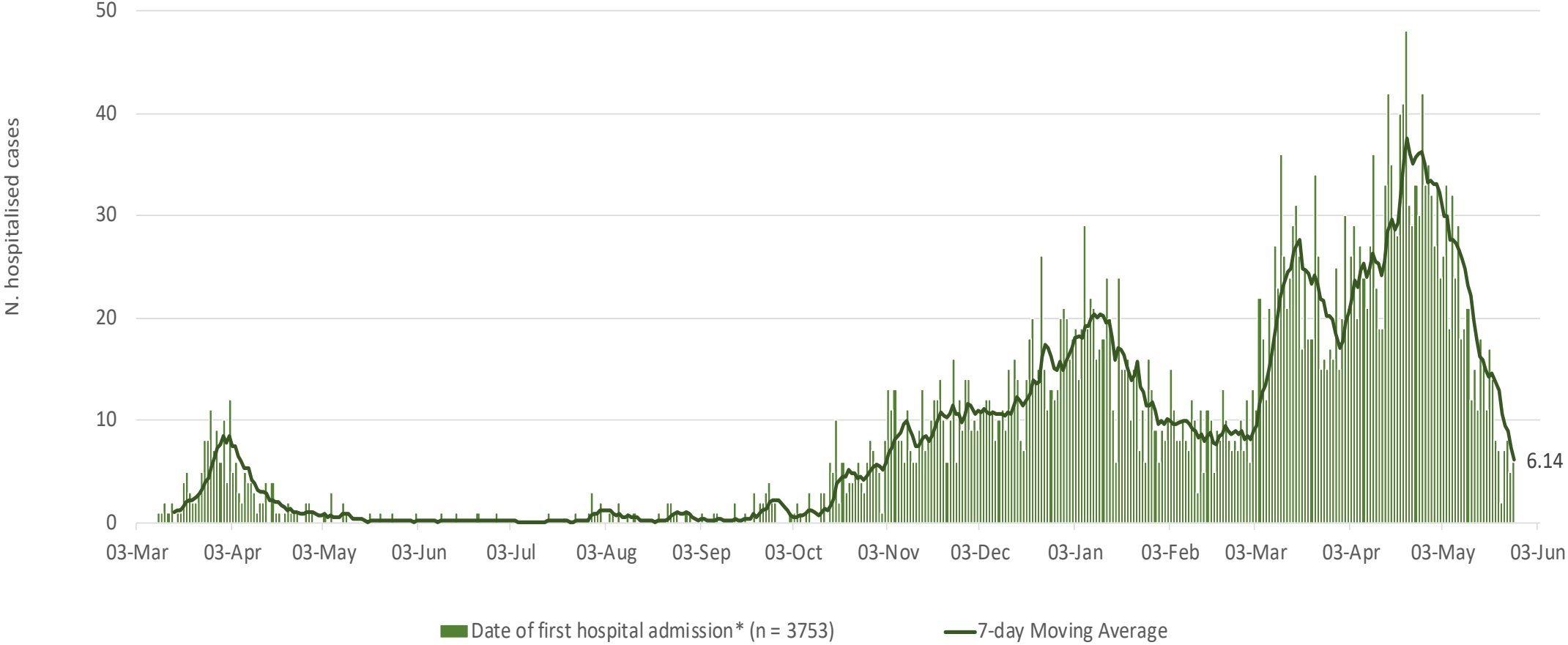
IQR: interquartile range

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



218.6	327.2	200.0	242.0	199.5	119.5
May 25 th , 2021					

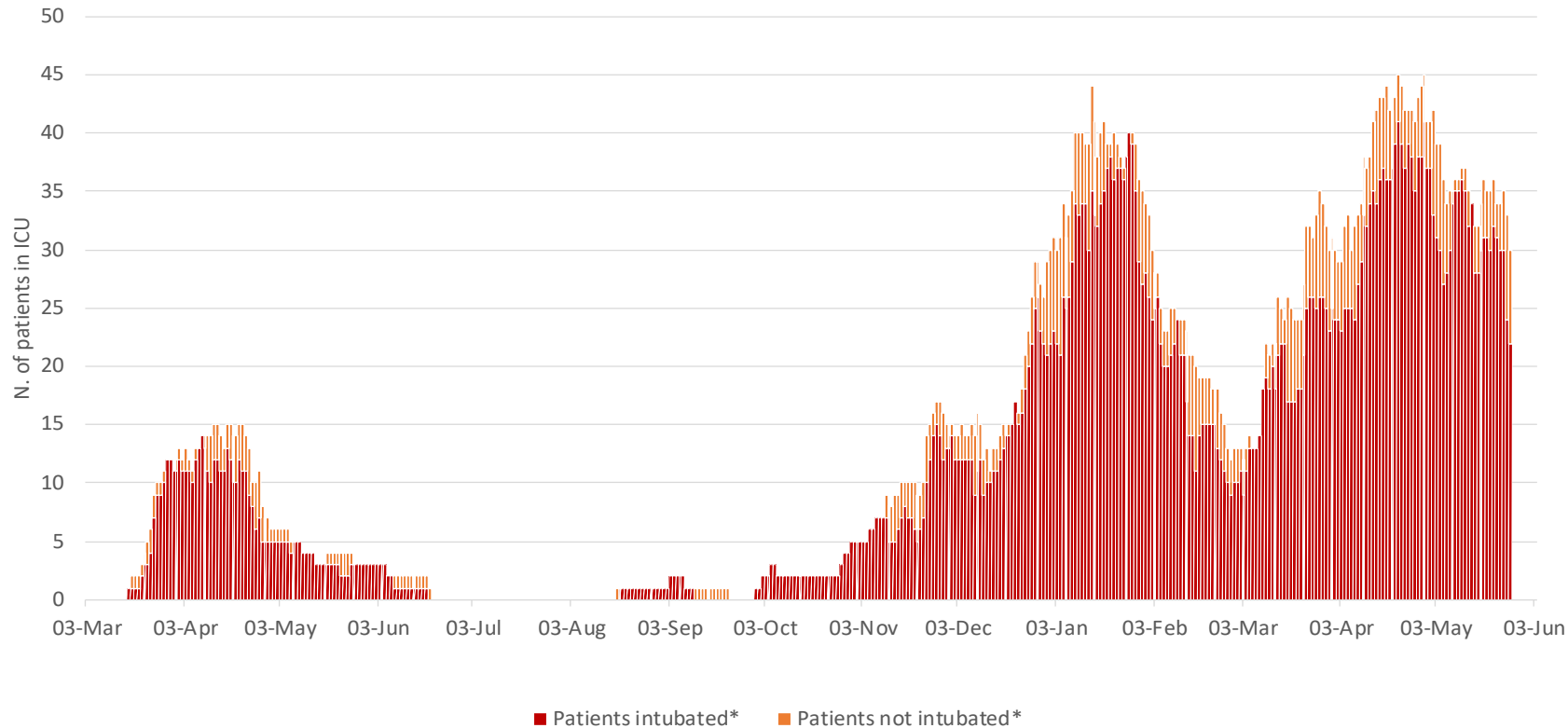
Number of cases by date of hospital admission



7 day moving average on May 26th is shown on the graph

Cases in intensive care units (ICU)*

- Total: 377 (10% of all ever hospitalized patients) have ever been admitted to ICU – 30 (diagnosis till May 25th - currently in ICU as of May 26th)

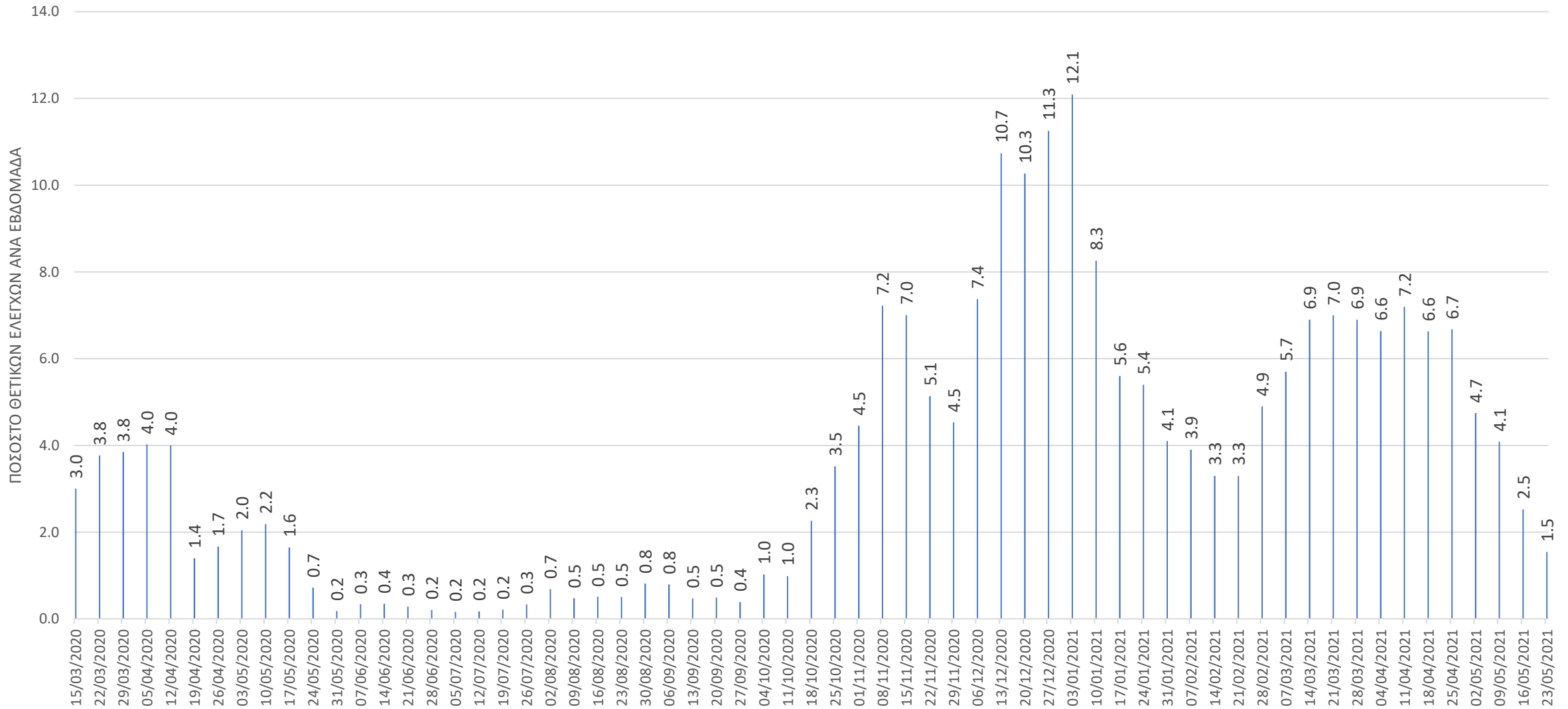


*Intensive care unit (ICU) refers only to the ICU in Limassol General Hospital and ICU in Nicosia General Hospital
Date of discharge/transfer/death included

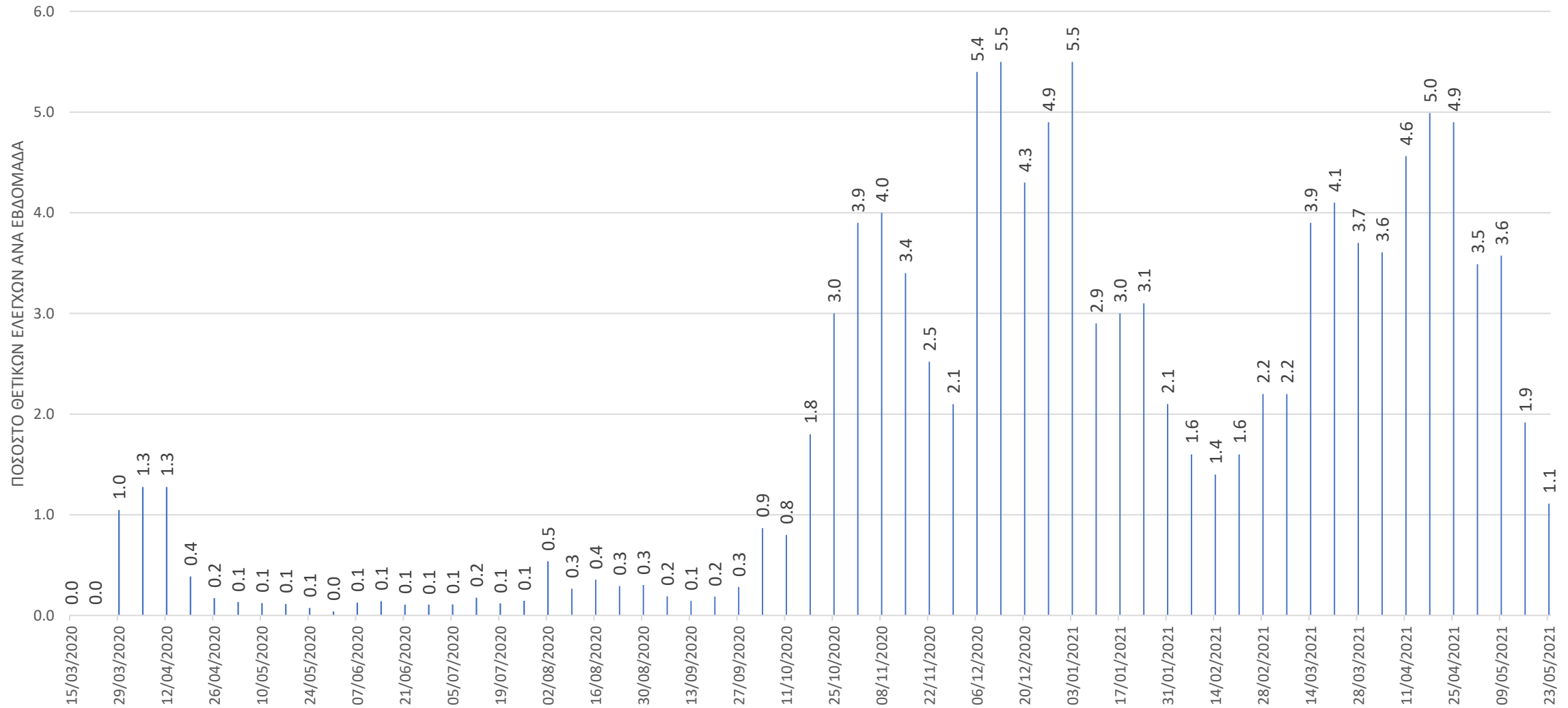
Molecular tests and antigen rapid tests

	Molecular tests (as announced by the Ministry of Health)	Antigen rapid tests (Ministry of Health)
Total overall	1,322,575	5,465,684
Tests/100.000	148,938.6	615,505.5
Total (Last 14 days)	86,043	739,607
Last 14 days/100.000	9,689.5	83,289.1

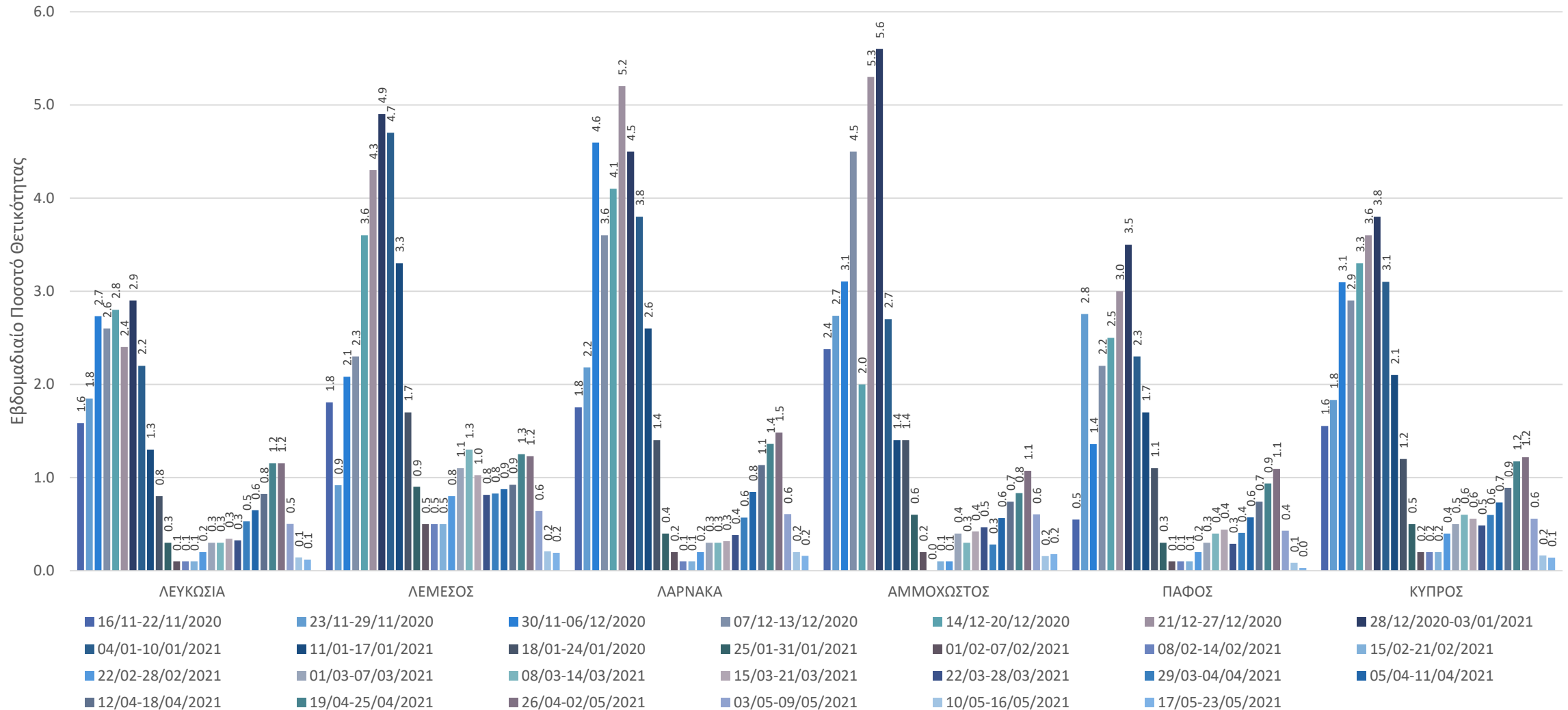
Percentage of laboratory tests (molecular) with a positive result (all labs), per week



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

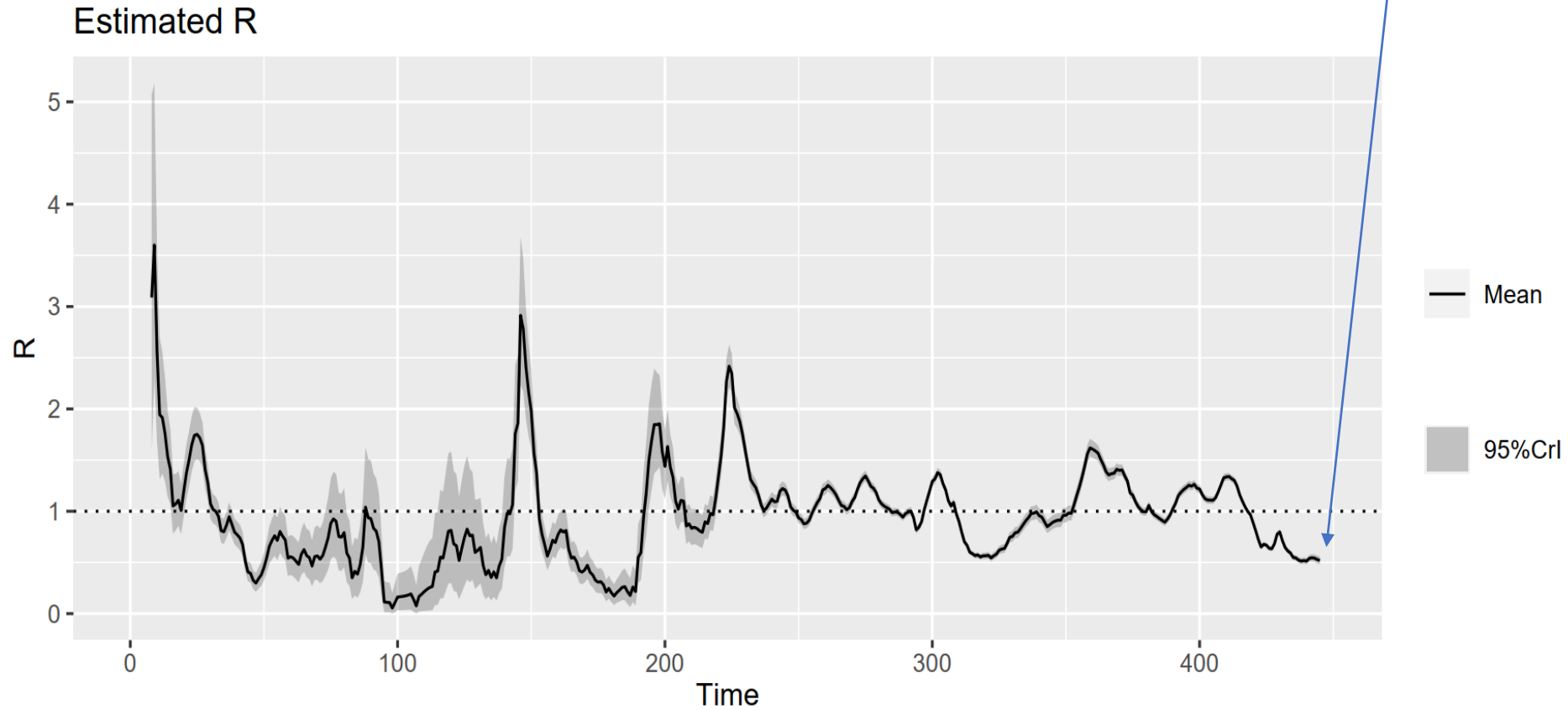


Rapid antigen tests (Ministry of Health) – percentage (weekly) with a positive result (overall and by district)

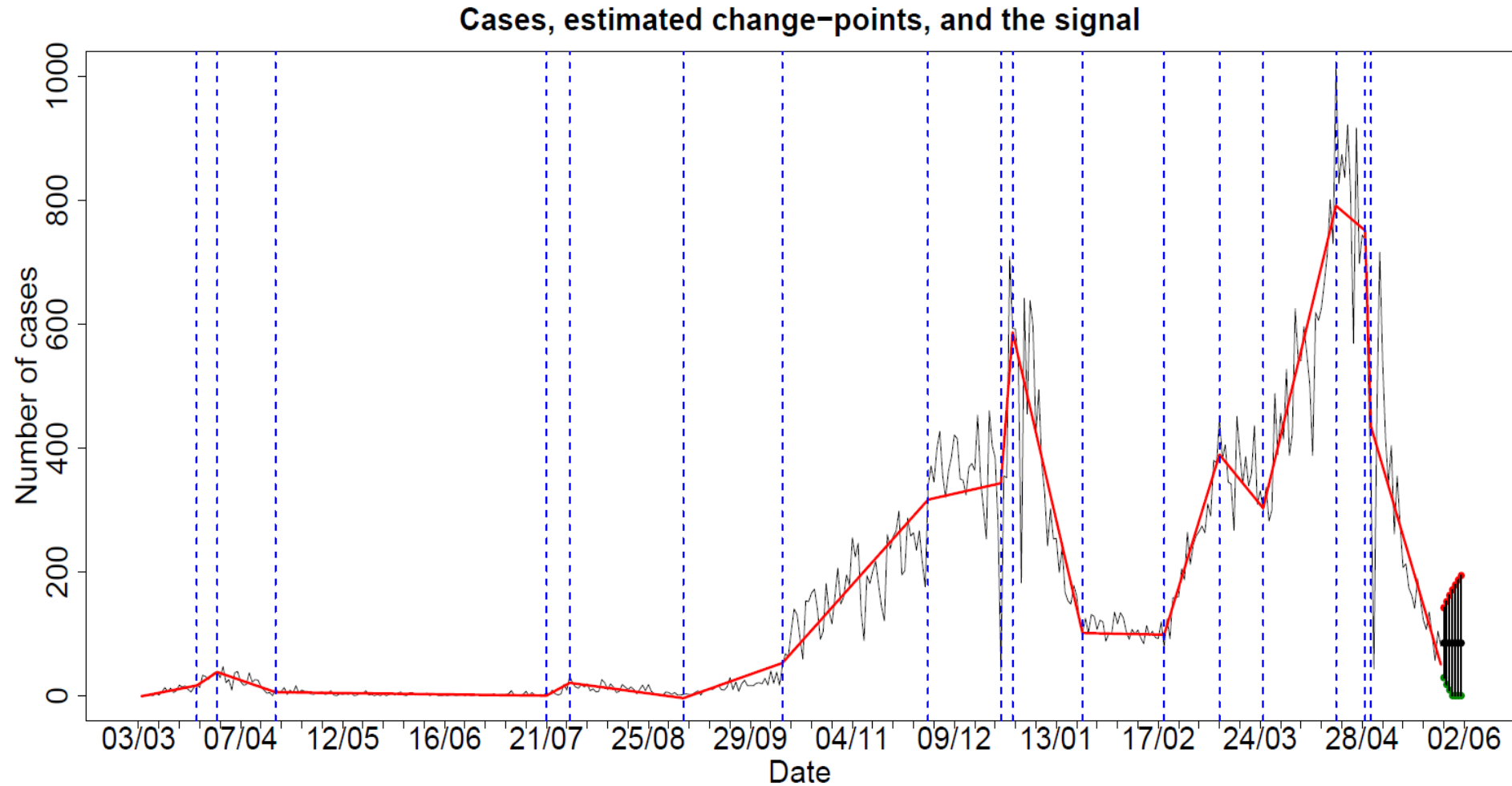


Effective reproduction number (R_t) – Method D (Locally-acquired cases)

R_t 19 – 25 May: 0.52 (0.48 - 0.56)



Change-point analysis and predictions



Mathematical Modeling of COVID-19 Pandemic

Research Team

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Laboratory tests for SARS-CoV-2

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