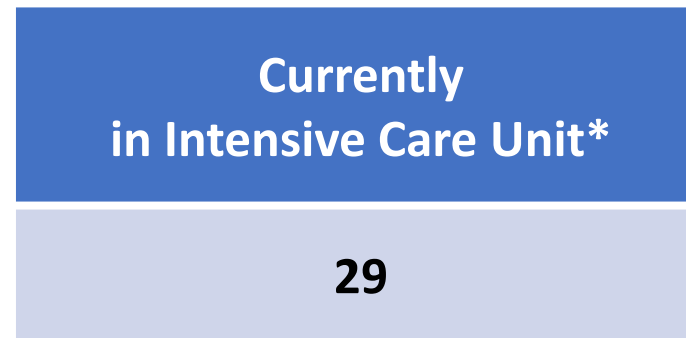
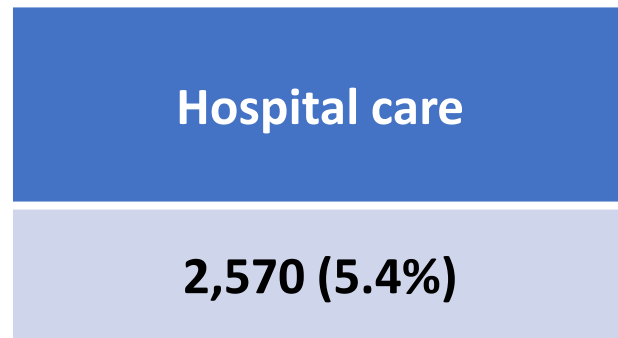
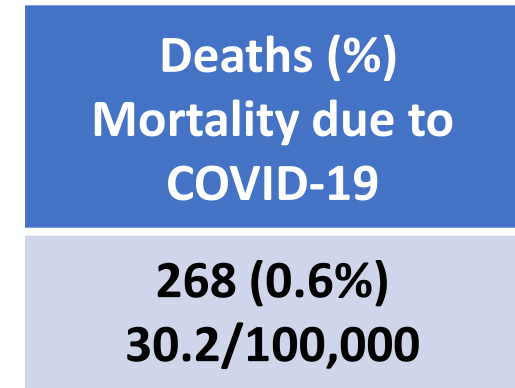
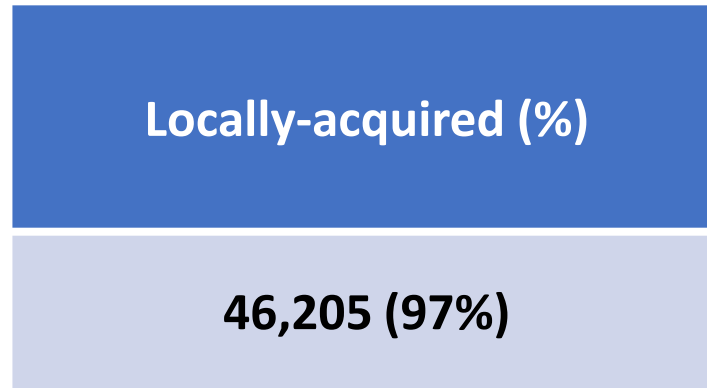


# **Coronavirus Disease 2019 (COVID-19) in the Republic of Cyprus**

**Surveillance Report as of 06/04/2021**

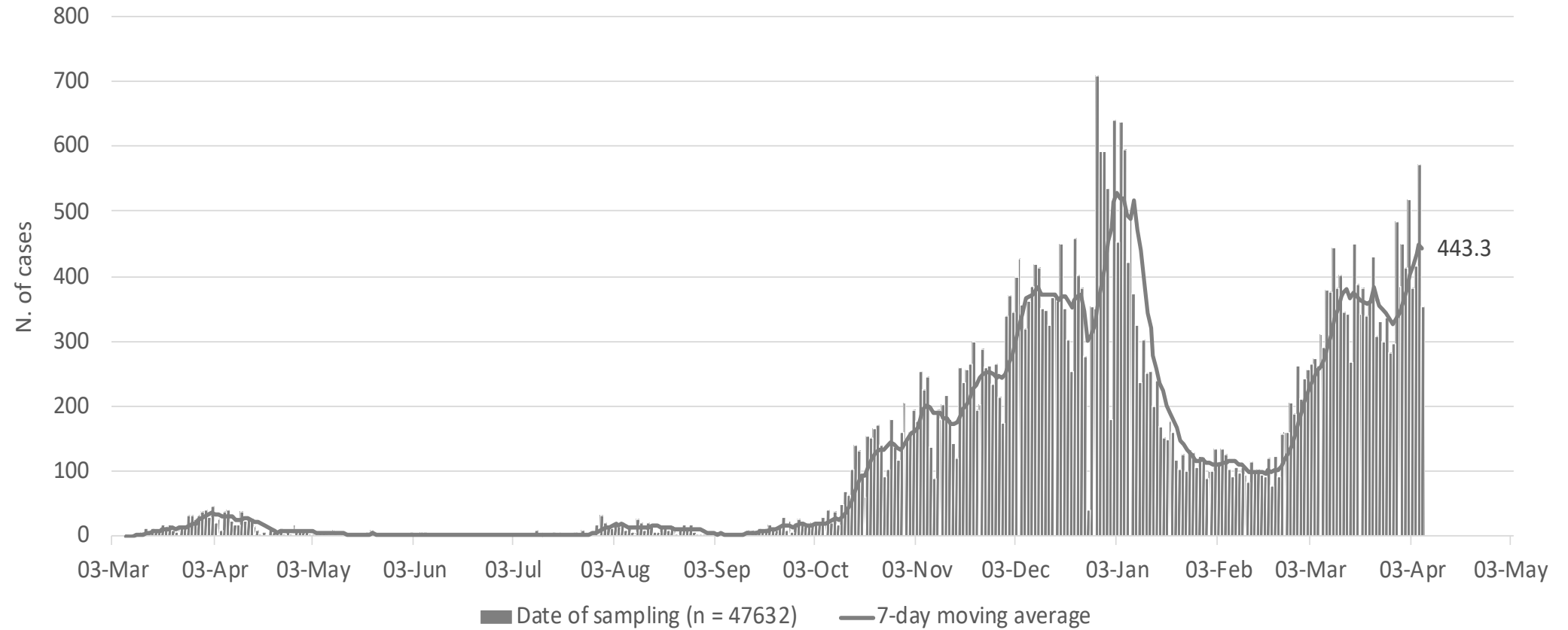
Nicosia 09/04/2021

# Data in brief



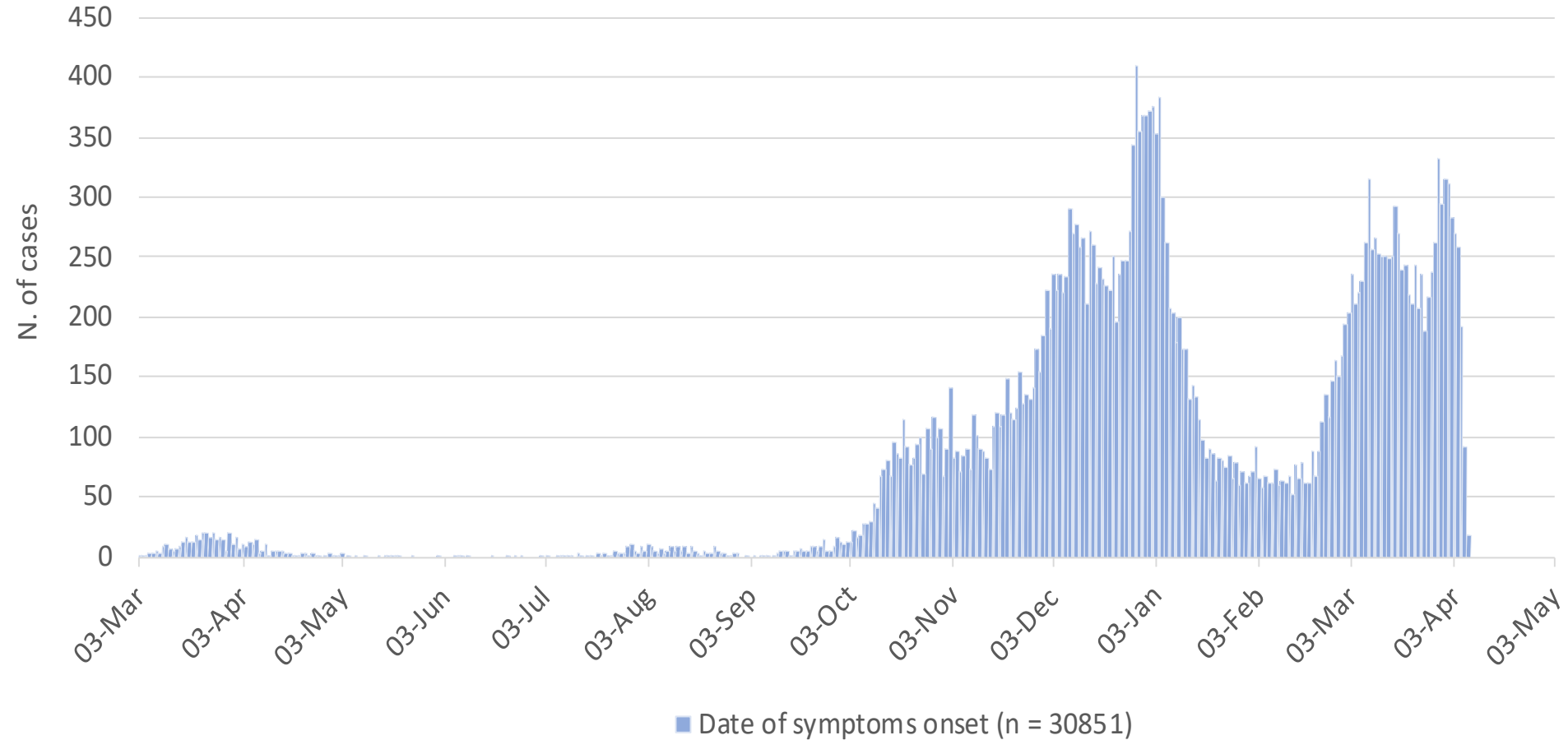
*\*Date of discharge/transfer/death included*

# Laboratory-confirmed cases by date of sampling

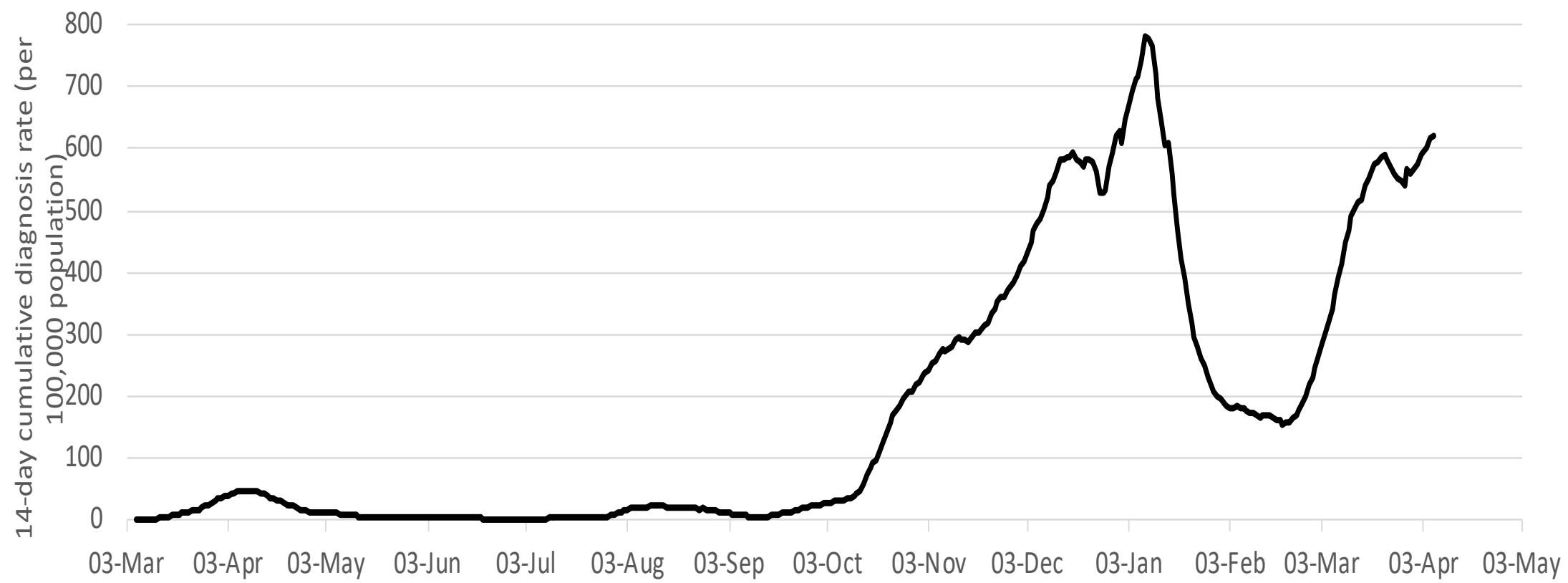


7-day moving average on April 6<sup>th</sup> is shown on the graph

# Laboratory-confirmed cases by date of symptom onset



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



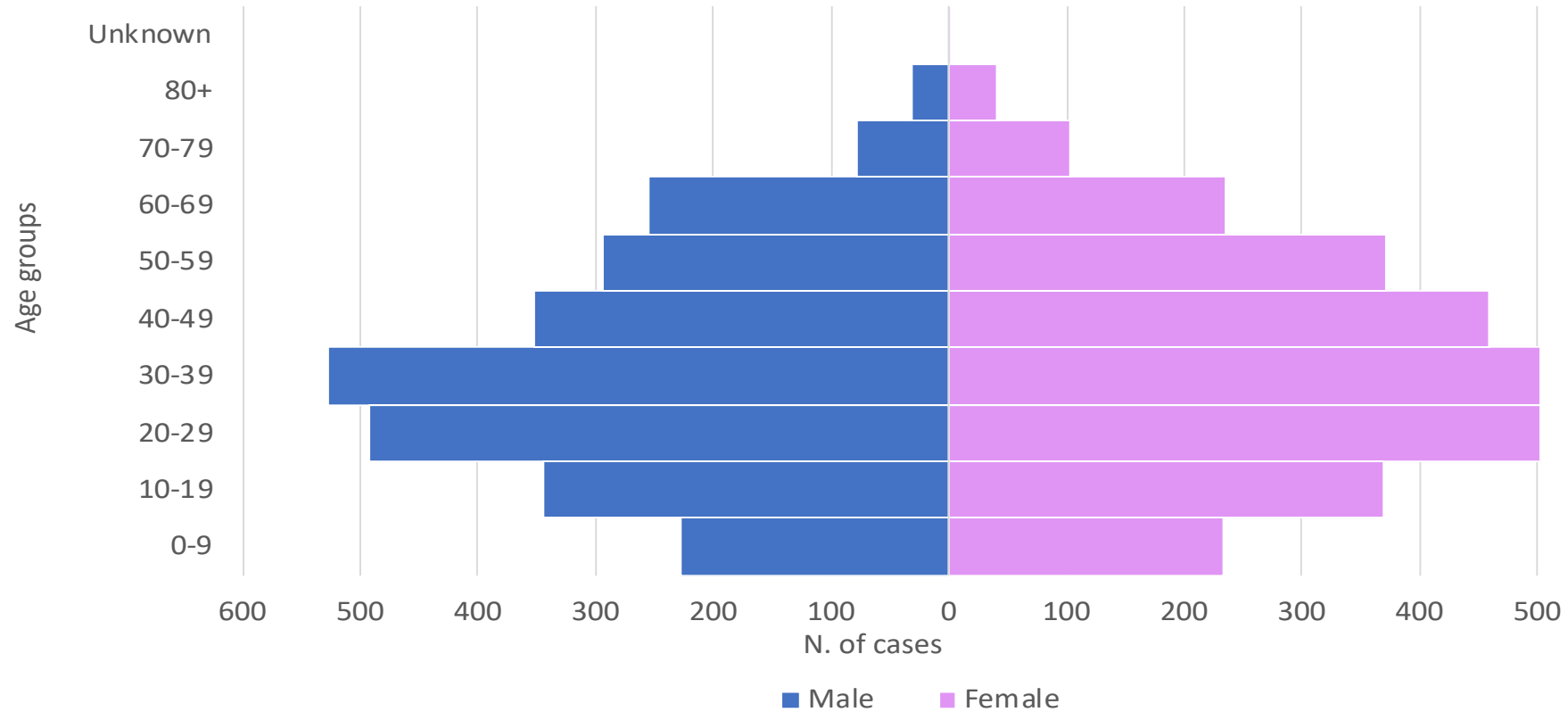
# Data in brief (Last 14 days; 24 Mar – 06 Apr 2021)

Laboratory-confirmed cases	Locally-acquired (%)
5,515	5,436 (98.6%)

Currently in Intensive Care Unit*
29

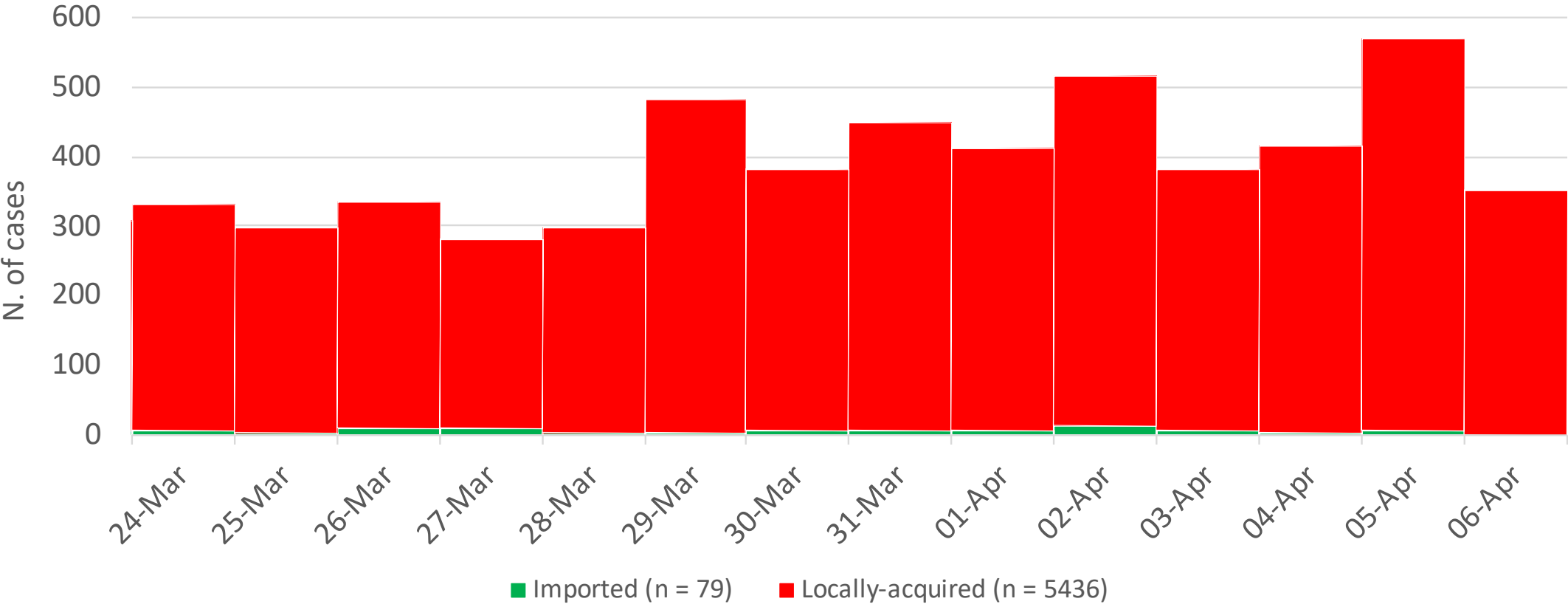
*\*Date of discharge/transfer/death included*

# Distribution of cases diagnosed in the last 14 days by sex and age group (n = 5.515)



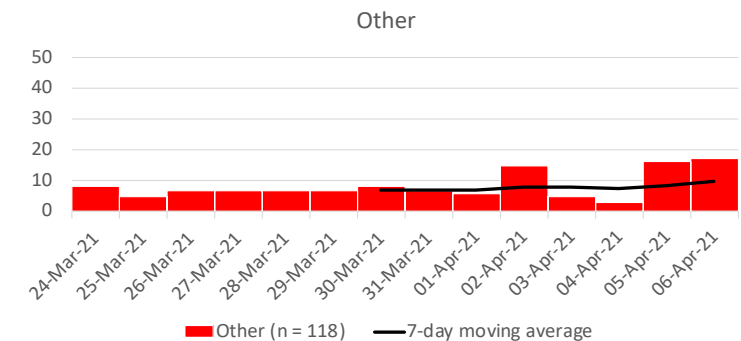
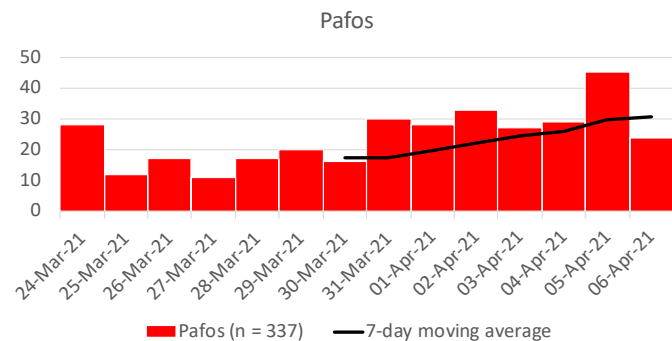
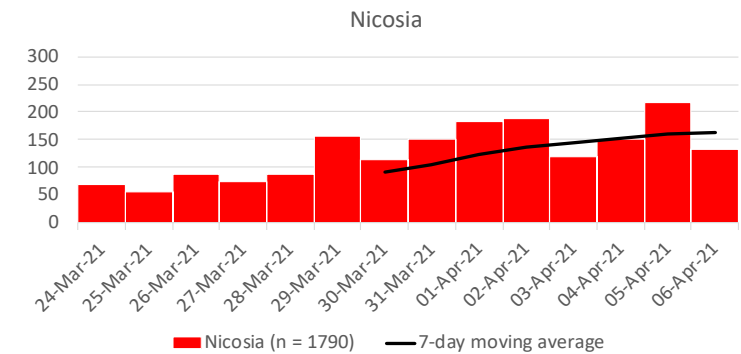
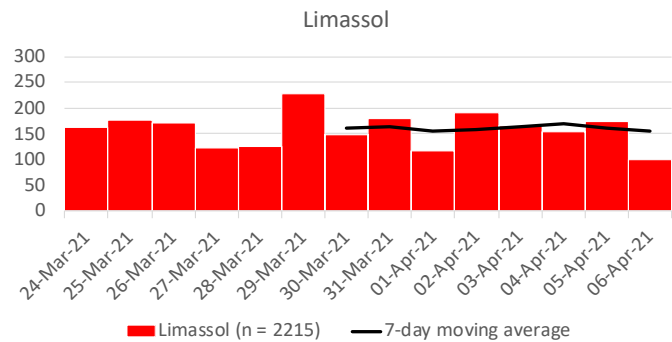
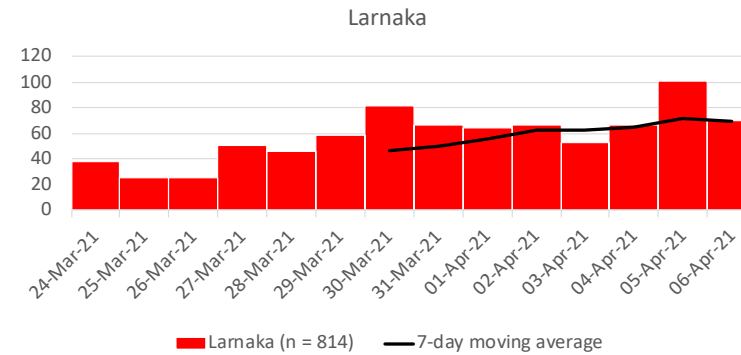
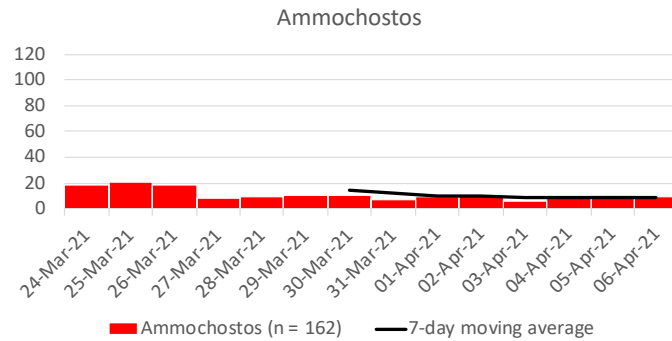
Median age: 34 years (interquartile range: 22-50 years)

# 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

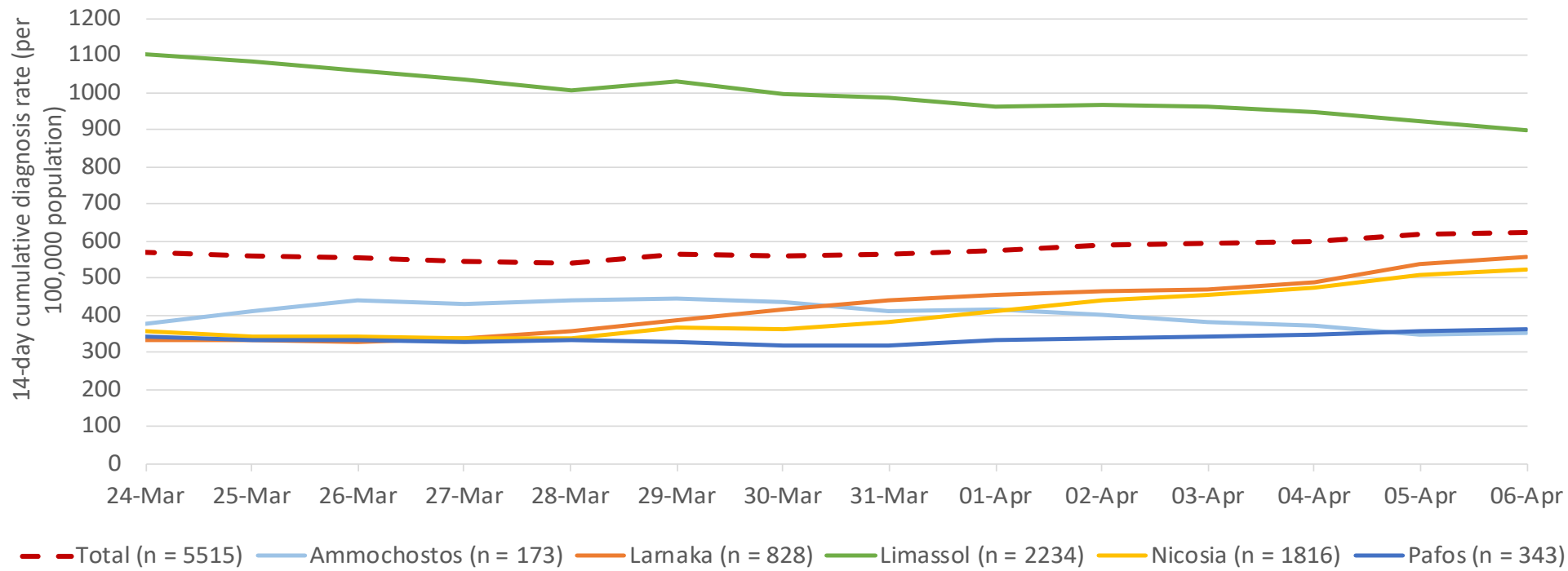


# COVID-19 cases characteristics for the last 14 days

Characteristics	Total (n = 5515)		Imported (n = 79)		Locally-acquired (n = 5436)	
	N	%	N	%	N	%
<b>Sex</b>						
Male	2603	47.2	49	62.0	2554	47.0
Female	2911	52.8	30	38.0	2881	53.0
Unknown	1	0.0	0	0.0	1	0.0
<b>Age groups (years)</b>						
0-9	461	8.4	2	2.5	459	8.4
10-19	715	13.0	3	3.8	712	13.1
20-29	1045	18.9	21	26.6	1024	18.8
30-39	1074	19.5	23	29.1	1051	19.3
40-49	811	14.7	15	19.0	796	14.6
50-59	664	12.0	9	11.4	655	12.0
60-69	491	8.9	5	6.3	486	8.9
70-79	181	3.3	1	1.3	180	3.3
80+	72	1.3	0	0.0	72	1.3
Unknown	1	0.0	0	0.0	1	0.0
<b>Median age in years (IQR)</b>	34 (22-50)		34 (26-44)		34 (22-50)	
<b>District</b>						
Ammochostos	173	3.1	11	13.9	162	3.0
Larnaka	828	15.0	14	17.7	814	15.0
Limassol	2234	40.5	19	24.1	2215	40.7
Nicosia	1816	32.9	26	32.9	1790	32.9
Pafos	343	6.2	6	7.6	337	6.2
Other	121	2.2	3	3.8	118	2.2
<b>Symptoms at diagnosis</b>						
Yes	3919	71.1	37	46.8	3882	71.4
No	1596	28.9	42	53.2	1554	28.6
Unknown	0	0.0	0	0.0	0	0.0

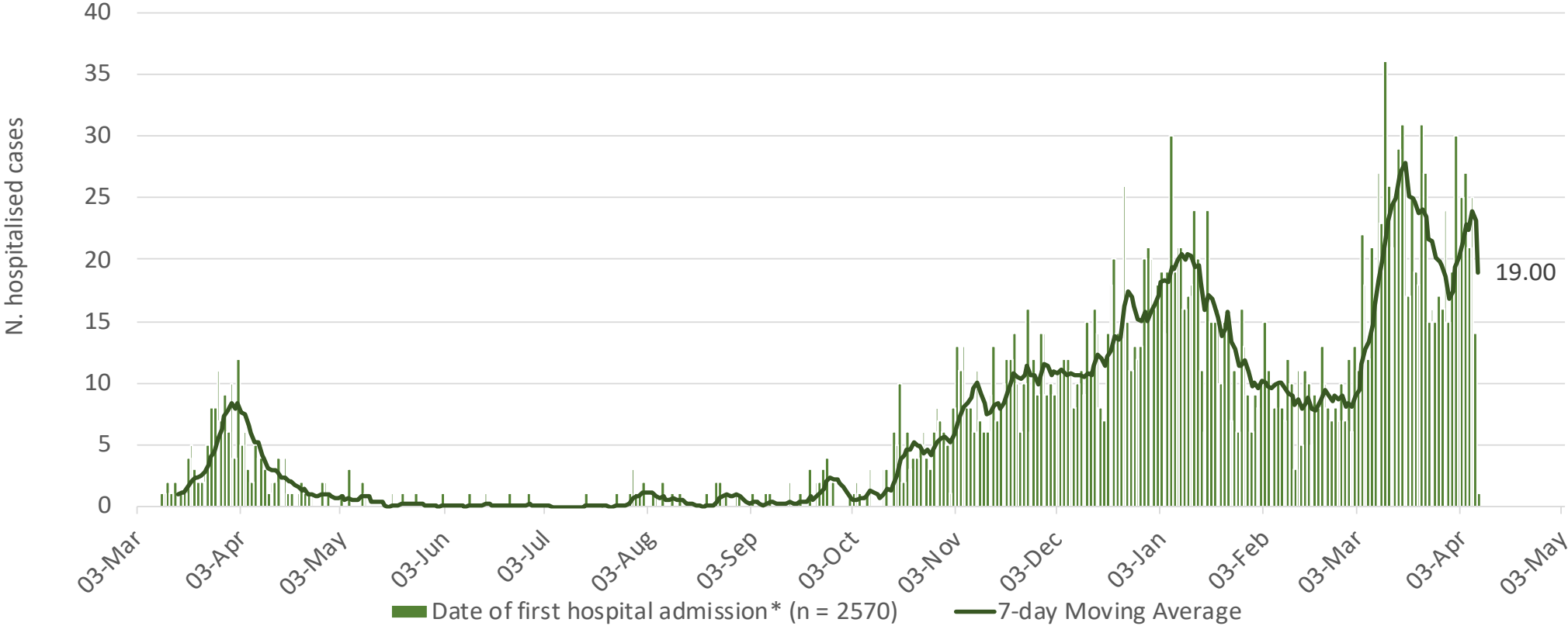
IQR: interquartile range

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



621.1	353.8	555.7	899.7	524.2	359.5
April 6 <sup>th</sup> , 2021					

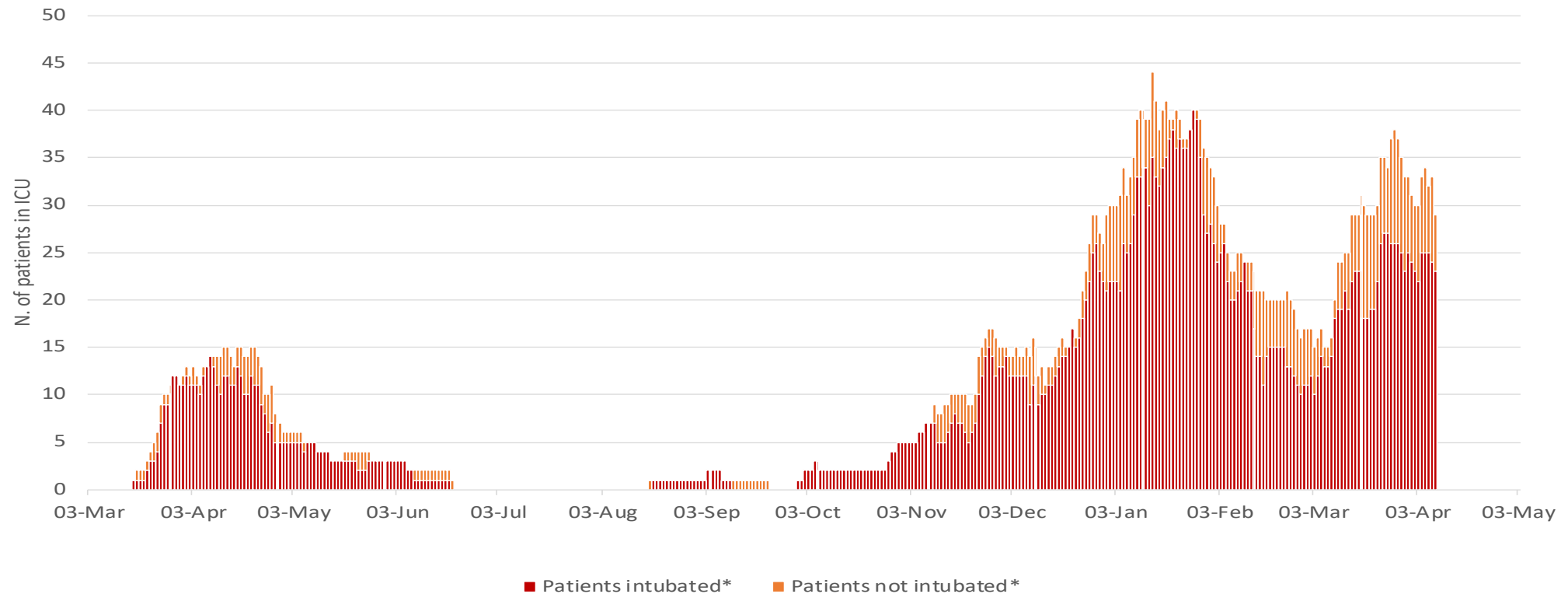
# Number of cases by date of hospital admission



7 day moving average on April 8<sup>th</sup> is shown on the graph

# Cases in intensive care units (ICU)\*

- Total: 259 (10,1% of all ever hospitalized patients) have ever been admitted to ICU – 29 currently in ICU (April 8<sup>th</sup>)

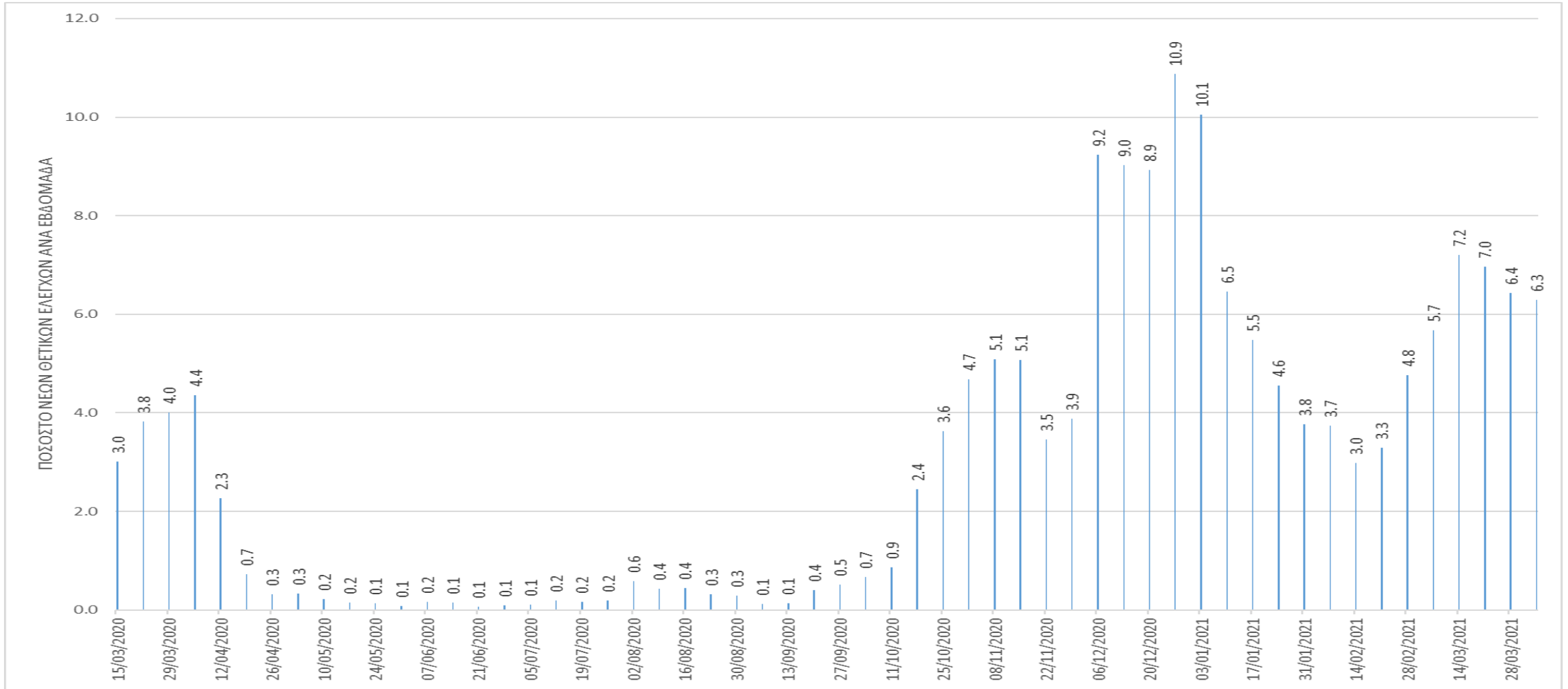


\*Intensive care unit (ICU) refers only to the ICU in Limassol General Hospital and ICU in Nicosia General Hospital  
*Date of discharge/transfer/death included*

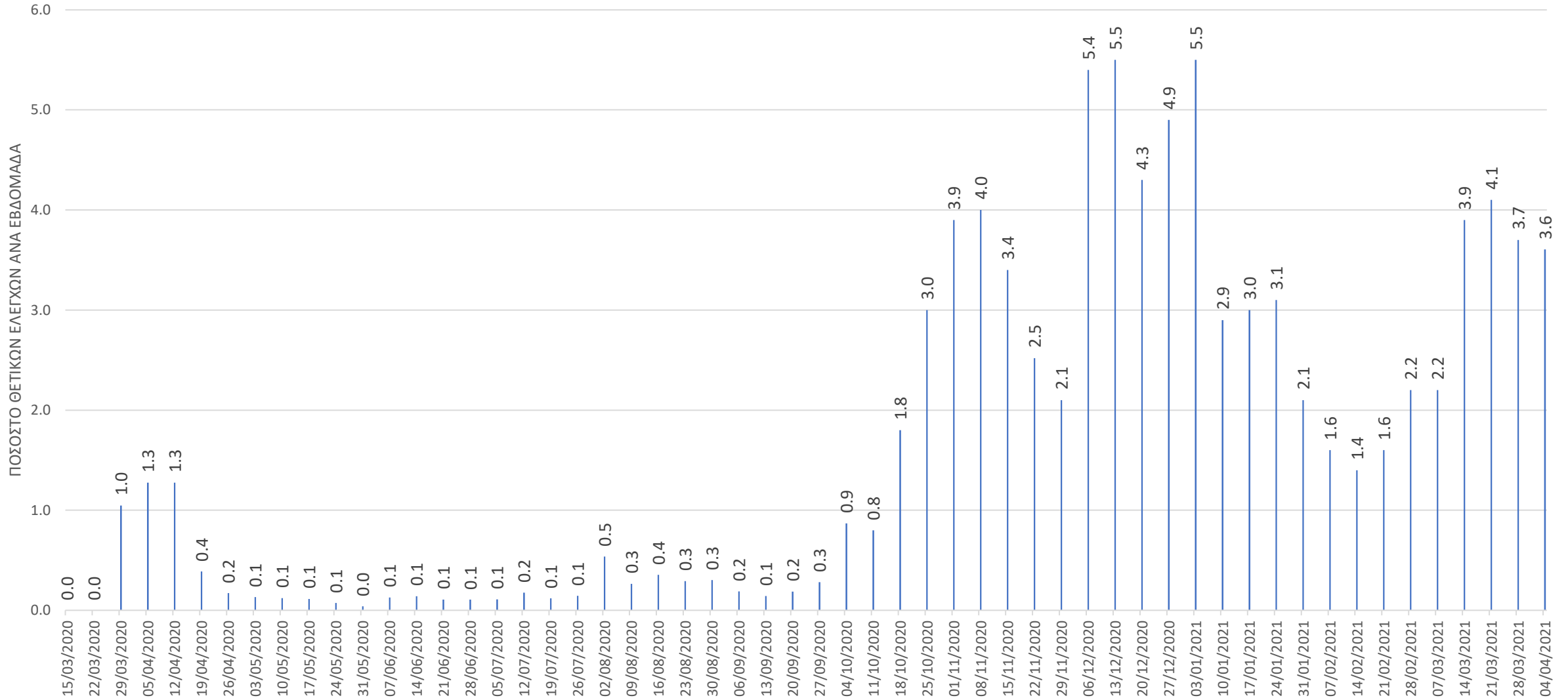
# Molecular tests and antigen rapid tests

	Molecular tests (as announced by the Ministry of Health)	Antigen rapid tests (Ministry of Health)
<b>Total overall</b>	1,002,185	3,022,239
<b>Tests/100.000</b>	112,858.7	340,342.2
<b>Total (Last 14 days)</b>	61,761	637,220
<b>Last 14 days/100.000</b>	6,955.1	71,759.0

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

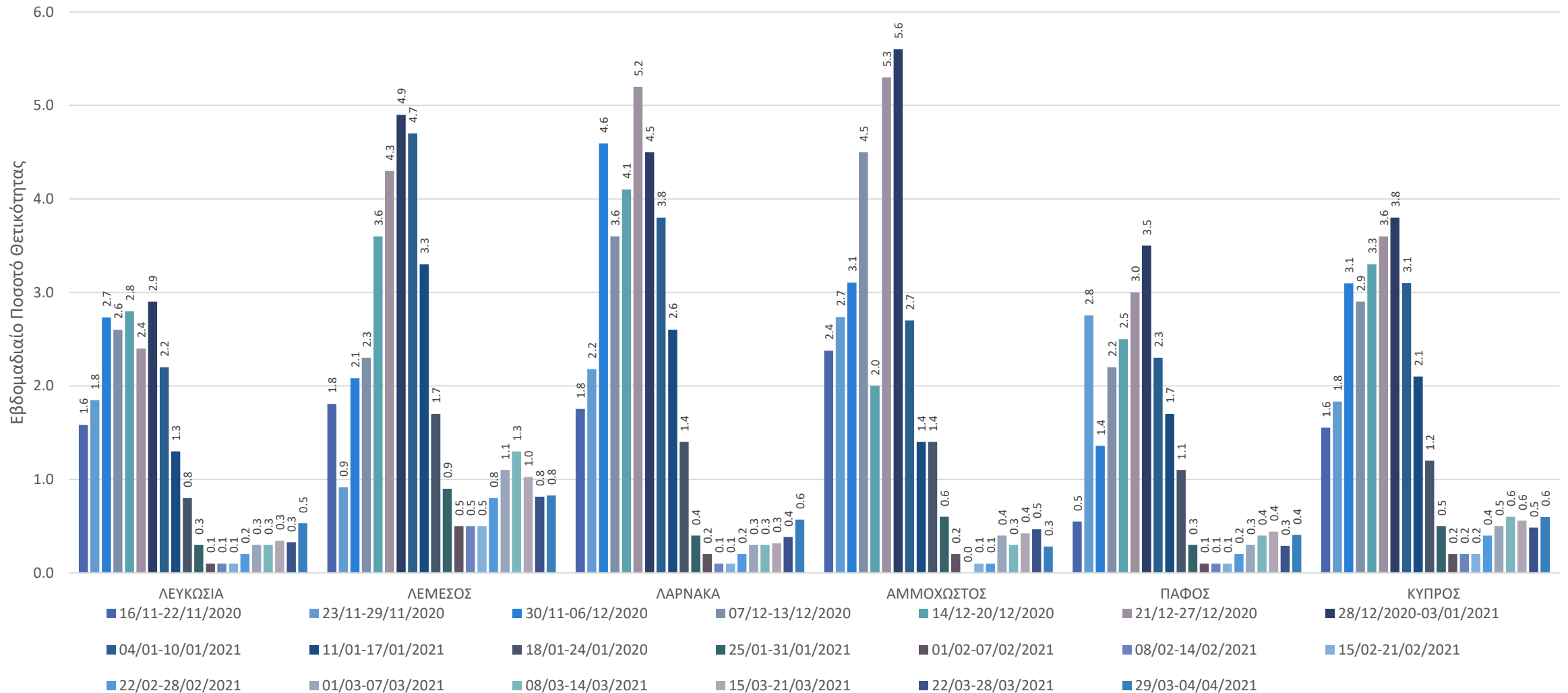


# Percentage of laboratory tests (molecular) with a positive result (private sector), per week



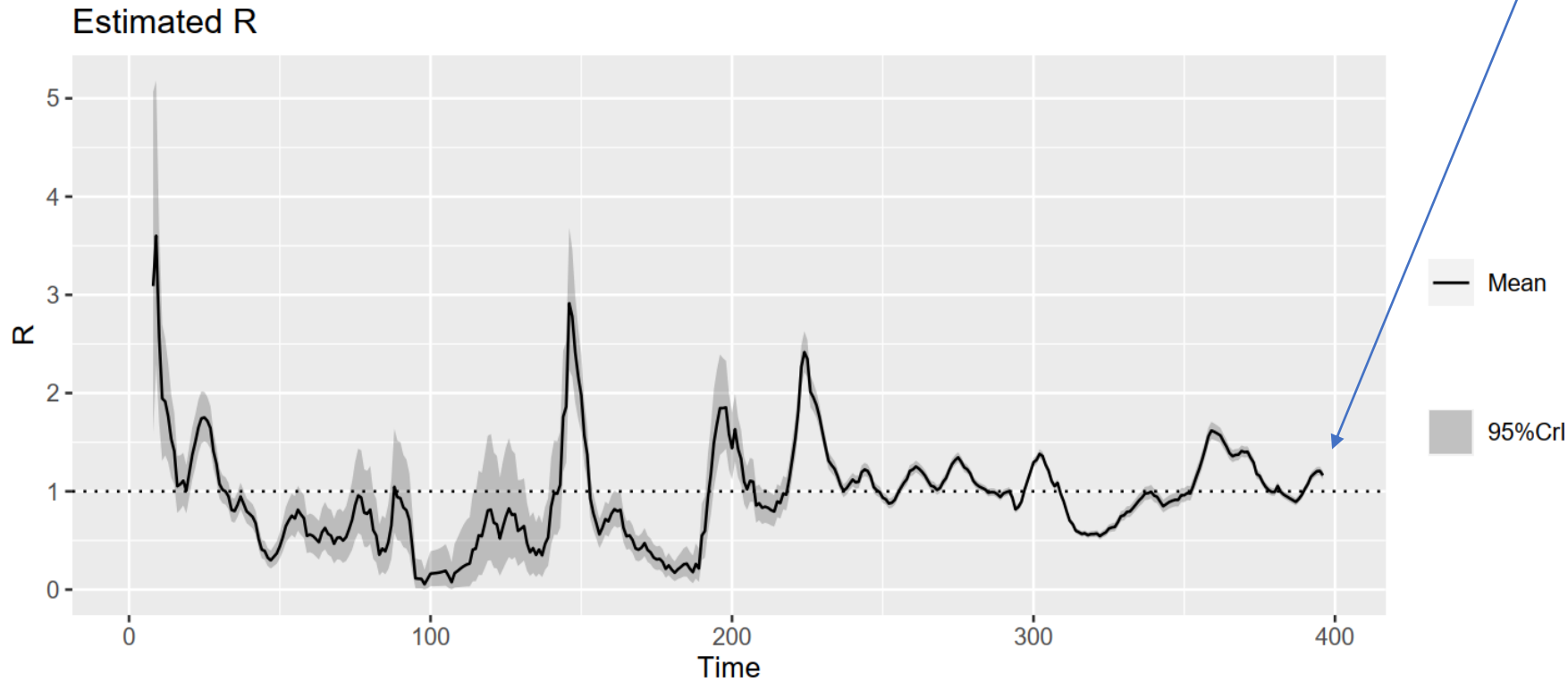


# Rapid antigen tests (Ministry of Health) – percentage (weekly) with a positive result (overall and by district)



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

$R_t$  31 Mar - 6 Apr: **1.16 (1.12 - 1.21)**



# **Mathematical Modeling of COVID-19 Pandemic**

## **Research Team**

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# Laboratory tests for SARS-CoV-2

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