Coronavirus Disease 2019 (COVID-19) in Cyprus

Surveillance Report as of 16/06/2020

Nicosia 18/06/2020
## Data in brief

<table>
<thead>
<tr>
<th><strong>Laboratory-confirmed cases</strong></th>
<th><strong>Locally-acquired (%)</strong></th>
<th><strong>Recovered(^\S) (%)</strong></th>
<th><strong>Deaths (%)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>985</td>
<td>674/840 (80.2%)</td>
<td>818 (85.2%)</td>
<td>25 (2.5%)</td>
</tr>
</tbody>
</table>

\(^\S\text{Among cases alive}\)

<table>
<thead>
<tr>
<th><strong>Hospital care / discharge alive (%)</strong></th>
<th><strong>Currently in Intensive Care Unit(^*)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>179 (18.2%) / 146 (81.6%)</td>
<td>2</td>
</tr>
</tbody>
</table>

\(^*\text{Date of discharge/transfer/death included}\)
Distribution of cases by sex and age groups

Median age: 45 years (interquartile range: 30-59 years)
Laboratory-confirmed cases and deaths by date of reporting

Deaths (n = 25)
Cases (n = 985)
COVID-19 14-day cumulative incidence rate per 100,000 population (proxy of COVID-19 prevalence)

March 23rd: 14 days since the first reported case
COVID-19 Cases by origin of infection, last 14 days (03-16/06/2020)

N. of cases

<table>
<thead>
<tr>
<th>Date</th>
<th>Imported (n = 26)</th>
<th>Locally-acquired (n = 5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>03-Jun</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>04-Jun</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>05-Jun</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>06-Jun</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>07-Jun</td>
<td>8</td>
<td>0</td>
</tr>
<tr>
<td>08-Jun</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>09-Jun</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>10-Jun</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>11-Jun</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>12-Jun</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>13-Jun</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>14-Jun</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>15-Jun</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>16-Jun</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>
COVID-19 cases per 1000 diagnostic tests*

*Data from daily press releases "Announcements of the Ministry of Health regarding new cases of COVID-19 disease"
Comparison with other countries - cases and tests
(as of 16/06/2020)

Cumulative Cases (per 100,000 population)

- Cyprus
- Rep Korea
- USA
- UK
- Sweden
- Netherlands
- Malta
- Italy
- Greece

Cumulative Tests (per 100,000 population)

- Cyprus
- Rep Korea
- USA
- UK
- Sweden
- Netherlands
- Malta
- Italy
- Greece
Cases in intensive care units (ICU)*

- 32 (3.2% of all cases) have ever been admitted to ICU

*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.
Effective reproductive number (Rt) – Method 1

R(t) 7 – 13 Jun: 0.86 (0.49 – 1.33)
Effective reproductive number (Rt) – Method 2*

R(t) 14 Jun: 0.55 (0 – 1.21)

*Previous method 3
Effective reproductive number (Rt) – Method 3*

\[ R_t (8 - 14 \text{ June}) : 0.83 \]

*Previous method 4
Effective reproductive number (R_t) – Method 4*

R_t recent days: 0.6 (0.36-1.05)

*Previous method 5
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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