Lesotho
Population

Popn ≈ 2,007,201

Susceptible population
after 5,937 infections
and 1,572 recoveries

S = 2,002,836

Cumulative
Infections

I = 5,937

New Infections
(57.3%)

734

No New Recoveries

R = 1,572

Cumulative
Recoveries

D = 48

Probable Deaths

D = 85

Confirmed Deaths

New Tests: 10th January 2021

New Infections: 1280

New Deaths: 1

Cumulative Cases: 10th January 2021

Tests + cases Recoveries Deaths

41,012 5,937 1,572 85

Cumulative Cases (14.5%)

Cumulative Recoveries (26.4%)

Cumulative Deaths (1.4%)

No New Recoveries

1

Lesotho Population

Cumulative Infections

Cumulative Recoveries

Probable Deaths

Confirmed Deaths

Susceptible population after 5,937 infections and 1,572 recoveries

\( S = 2,002,836 \)

\( I = 5,937 \)

\( D = 48 \)

\( D = 85 \)
Lesotho Epidemiological Update | Cumulative COVID-19 Cases

Country moves to Blue color on the 22-November-2020, Cumulative Cases = 2086

Country moves back to purple color on the 01-January-2021, Cumulative Cases = 3206

Country moves back to orange color on the 05-January-2021, Cumulative Cases = 3558
Lesotho Epidemiological Update | New cases per Week

Epidemic Curve – Total Number of New Cases Per Week

Week (Sunday to Saturday)

Cases per week
7 per. Mov. Avg. (Cases per week)
Lesotho Epidemiological Update | Weekly Positivity

Country Moves to Purple on the 24th August 2020

Country Moves to Blue on the 22nd November 2020

Country Moves back to purple color on the 01st January 2021

Country Moves back to Orange color on the 05th January 2021
Lesotho Epidemiological Update | Deaths per week

Total Number of Deaths Per Week

<table>
<thead>
<tr>
<th>Epidemiological Week (Sunday - Saturday)</th>
<th>Number of deaths per week</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 July - 18 July</td>
<td>5</td>
</tr>
<tr>
<td>19 July - 25 July</td>
<td>3</td>
</tr>
<tr>
<td>26 July - 1 Aug</td>
<td>4</td>
</tr>
<tr>
<td>2 Aug - 8 Aug</td>
<td>2</td>
</tr>
<tr>
<td>9 Aug - 14 Aug</td>
<td>5</td>
</tr>
<tr>
<td>15 Aug - 22 Aug</td>
<td>0</td>
</tr>
<tr>
<td>23 Aug - 30 Aug</td>
<td>1</td>
</tr>
<tr>
<td>6 Sep - 12 Sep</td>
<td>2</td>
</tr>
<tr>
<td>13 Sep - 19 Sep</td>
<td>2</td>
</tr>
<tr>
<td>20 Sep - 26 Sep</td>
<td>4</td>
</tr>
<tr>
<td>27 Sep - 3 Oct</td>
<td>3</td>
</tr>
<tr>
<td>4 Oct - 10 Oct</td>
<td>0</td>
</tr>
<tr>
<td>11 Oct - 17 Oct</td>
<td>1</td>
</tr>
<tr>
<td>18 Oct - 24 Oct</td>
<td>1</td>
</tr>
<tr>
<td>25 Oct - 31 Oct</td>
<td>1</td>
</tr>
<tr>
<td>1 Nov - 7 Nov</td>
<td>0</td>
</tr>
<tr>
<td>8 Nov - 14 Nov</td>
<td>0</td>
</tr>
<tr>
<td>15 Nov - 21 Nov</td>
<td>0</td>
</tr>
<tr>
<td>22 Nov - 28 Nov</td>
<td>0</td>
</tr>
<tr>
<td>29 Nov - 5 Dec</td>
<td>0</td>
</tr>
<tr>
<td>6 Dec - 12 Dec</td>
<td>0</td>
</tr>
<tr>
<td>13 Dec - 19 Dec</td>
<td>4</td>
</tr>
<tr>
<td>20 Dec - 26 Dec</td>
<td>3</td>
</tr>
<tr>
<td>27 Dec - 03 January</td>
<td>1</td>
</tr>
<tr>
<td>03 January</td>
<td>20</td>
</tr>
</tbody>
</table>
Distribution of cases per districts (N=4940)

Based on the available data
Monthly attack rate
Based on the available data

<table>
<thead>
<tr>
<th>Month</th>
<th>Number of cases per 100,000 population</th>
</tr>
</thead>
<tbody>
<tr>
<td>May</td>
<td>0.1</td>
</tr>
<tr>
<td>June</td>
<td>1.3</td>
</tr>
<tr>
<td>July</td>
<td>28.6</td>
</tr>
<tr>
<td>August</td>
<td>24.9</td>
</tr>
<tr>
<td>September</td>
<td>28.1</td>
</tr>
<tr>
<td>October</td>
<td>15.3</td>
</tr>
<tr>
<td>November</td>
<td>9.2</td>
</tr>
<tr>
<td>December</td>
<td>51.5</td>
</tr>
<tr>
<td>January</td>
<td>86.2</td>
</tr>
</tbody>
</table>
The basic reproduction number ($R_0$) vs The effective reproduction number ($R_t$)

- The *basic* reproduction number ($R_0$) is the reproduction number when there is no immunity from past exposures or vaccination, nor any deliberate intervention in disease transmission.
- The effective reproduction number ($R_t$) is the reproduction number when there is some immunity or some intervention measures are in place.
## Summary statistics

<table>
<thead>
<tr>
<th>t_start</th>
<th>t_end</th>
<th>Mean(R)</th>
<th>Std(R)</th>
<th>Median(R)</th>
</tr>
</thead>
<tbody>
<tr>
<td>27/12/2020</td>
<td>02/01/2021</td>
<td>2.21</td>
<td>0.06</td>
<td>2.21</td>
</tr>
<tr>
<td>28/12/2020</td>
<td>03/01/2021</td>
<td>2.19</td>
<td>0.05</td>
<td>2.19</td>
</tr>
<tr>
<td>29/12/2020</td>
<td>04/01/2021</td>
<td>2.16</td>
<td>0.05</td>
<td>2.16</td>
</tr>
<tr>
<td>30/12/2020</td>
<td>05/01/2021</td>
<td>1.80</td>
<td>0.04</td>
<td>1.80</td>
</tr>
<tr>
<td>31/12/2020</td>
<td>06/01/2021</td>
<td>1.90</td>
<td>0.04</td>
<td>1.90</td>
</tr>
<tr>
<td>01/01/2021</td>
<td>07/01/2021</td>
<td>1.91</td>
<td>0.04</td>
<td>1.91</td>
</tr>
</tbody>
</table>
Key COVID-19 Summary

• Rt is constantly above 1;
• Positive rate is above 5%;
• There is an increase in the number of cases (incidence rate);
• There is an increase in the number deaths, both confirmed and probable

This means the epidemic is not under control.
DECISIONS

• The government has decided to put the country into Risk Mitigation colour code Red (high community transmission) stage.

• The Risk Mitigation in this Red stage has been adjusted for the country to be able to cope and reduce the existing rate of infection and deaths.

• These adjusted stage include implementation of a curfew and all super-spreader activities are restricted except essential goods and services.

• The curfew and the essential goods and services implemented are as follows:
CURFEW
7pm - 6am
NACOSEC
NATIONAL COVID-19 SECRETARIAT
Restrict number of people per store 1 person per every square meter

08:00 a.m - 04:00 p.m.
HEALTH SERVICE PROVIDERS

- Permitted
- Adhere to COVID-19 Protocols
FOOD AND AGRICULTURE

- Permitted
- Adhere to COVID-19 Protocols
FINANCIAL SERVICES

- Permitted
- Adhere to COVID-19 Protocols
FILLING STATIONS

- Open 24/7
- Adhere to COVID-19 Protocols
INTERNATIONAL TRAVEL

- No movements across borders except for:
  - Essential goods and services
  - Migrant Workers
  - Medical reasons (with permits)
  - Funerals for parents, children, siblings and grandparents
PUBLIC TRANSPORT

- 4+1: 3 + 1
  15 Seater: 10 Passengers,
  22 seater: 70% capacity, no standing
  Bus: 70% capacity, no standing

- Adhere to all COVID-19 safety protocols

- Acquire permit from Associations & Traffic Department
COMMUNICATION SERVICE PROVIDERS

- Permitted
- Adhere to COVID-19 Protocols
TRAFFIC AND HOME AFFAIRS DEPARTMENTS

- Only essential services
  - Emergency travel documents and licenses
  - Birth and Death certificates
FUNERALS

- The outdoor burial of private family members service of not more than 10 people, with 10 men at the graveyard to help with burial at a time, not to take more than 2 hours and to be completed not later than 10 am. No buffet service, only pre-packed meals.
- Only 5 people should collect the corpse on the morning of the burial day from the mortuary directly to the graveyard
- No people allowed to pay respects at home.
- No night vigil or Friday evening prayer service.
- No viewing of corpse, only two members of family should identify corpse at mortuary
- No sharing of burial tools
FUNERAL PARLOURS

- Permitted
- Adhere to COVID-19 Protocols
- 30 people outside for COVID-19 Awareness only.
- Should last for an hour.
- No food and alcohol
BUSINESS NETWORKING & CONFERENCES

- Restricted strictly to virtual meetings
CORRECTIONAL SERVICES

- Restrict visitors to health care workers, legal counsel and oversight bodies
- Only investigations and medical referrals to health facilities for life threatening and emergency disease conditions
- No inmates deployed for manual labour outside Correctional Institutions premises except for essential operations
- Introduce remote remands.
- Conduct virtual court cases
Other Essential Services

- Electricity Services
- Water & Sewerage
- Fire Brigade
- Courts
- Security Services
- Government Printer