COVID-19

Professor Akin Abayomi
Honourable Commissioner for Health, Lagos
As at 15th March, 2020,

- 182,424 confirmed cases,
- 7155 deaths
- 79,433 recovered
Lagos State coordinates its response to COVID-19 through the establishment of the Incident Command System (ICS) with Mr Governor himself as the Chief Incident Commander while the Honourable Commissioner for Health as the Deputy.
The Emergency Operations Centre
EOC

• Comprised of leadership of the Ministry of Health, Health Service Commission, Primary Health Care Board, Thematic Groups team leads

• Representatives of relevant MDAs

• Representatives from AUCDC, NCDC and development partners like WHO, UNICEF
EMERGENCY OPERATIONS CENTRE – COMMAND & CONTROL FACETS

- Laboratory
- Infection prevention and control
- Point of Entry (Port Health)
- Communication and social mobilization
- Logistics and supply; deployment of PPEs
- Coordination
- Research/Manuscript
- Epidemiology/Surveillance
- Case management

Lagos State Ministry Of Health
PATIENT ZERO!

• As at 5\textsuperscript{th} March 2020, only \textbf{one confirmed} case has been identified in Nigeria.
• The confirmed case is being managed at the State’s infectious diseases hospital (Mainland hospital, Yaba).
• He is in a stable condition.
Status Update

• 44yr old Male Italian, flew into Lagos 24th February on a Turkish airline flight from Milan.
• He stayed at a hotel near the airport the night he arrived
• He was driven to Lafarge Cement Factory at Ewekoro, Ogun state the day after.
• He Felt sick after 2 days and reported at the clinic
• All his contacts have been identified. There is a cumulative total of 179 contacts, of which 86 are linked to Lagos while the rest is linked to other States in Nigeria and other Countries outside Nigeria.
Surveillance

- Cummulative contacts linked to covid 19- 179
- 159 passengers
- 10 crew members
- 4 airport contacts
- 4 hotel contacts
Surveillance and Contact Tracing

- 86 contacts linked to Lagos
- 93 linked to other states/countries
- 57 physically seen
- 43 Contacts remaining
Case Management

• Patient has been treated as per protocol so far, symptoms have improved, his viral load has also reduced.
• Feeding well
• SPO2 normal
• Doing well and in high spirits
Social Mobilization

• Daily updates at 6pm by biosecurity team
• Updates on public advisory as infection epidemic
• Churches & Mosques have been given IEC materials
• Schools have also been sensitized
• Mobilization at the community level
• Markets and Motor parks
Social Mobilization

• Daily updates on Social media
• @LSMOH
• @profakinabayomi
Port Health/Point of Entry

- Cumulative passengers screened at the airport - 81,766
- About 3800 passengers come in daily through the Lagos Airport
- 730 of those are from high risk countries daily
- Follow up has been laborious as the numbers grow daily
Research

Research is ongoing on different modalities including traditional and IPC
Infection Prevention Control

Training of Stakeholders on IPC has commenced

Guild of medical Directors had 60 members trained

5 Nephrologists have also been trained
Logistics and Management coordination

- Renovations are still ongoing
- Some PPEs have been provided in all government hospitals
14 samples have been screened so far. 3 to be done today
Follow up testing of confirmed case has continued.

3 new samples for processing today.
Collaborations and Support

- NCDC,
- Ogun State Government,
- WHO
- UNICEF
- AFRICA CDC
COVID-19 in Africa

Senegal, Algeria, Egypt, South Africa and Nigeria have cases in Africa
COVID 19 VS SEASONAL FLU

They are both respiratory illnesses
Spread by droplets
They are both of viral origin
They have similar symptoms
**COVID 10 VS SEASONAL FLU;**

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>COVID-19</th>
<th>SEASONAL FLU</th>
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<tbody>
<tr>
<td><strong>SEVERITY</strong></td>
<td>90,000 Illnesses, 3,000 deaths</td>
<td>32 million illnesses, 18,000 deaths</td>
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<tr>
<td><strong>KNOWLEDGE</strong></td>
<td>Very little is known</td>
<td>Predictable</td>
</tr>
<tr>
<td><strong>DEATH RATE</strong></td>
<td>8% in China</td>
<td>0,1% in china</td>
</tr>
<tr>
<td>Prevention</td>
<td>None</td>
<td>Vaccine Present</td>
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</table>
CRITICAL GAPS

• POWER GENERATING SETS
• LOGISTICS AND TRANSPORTATION
• MEDICAL CONSUMABLES, EQUIPMENT, PPE
• PPE
• EQUIPPING A SIDE LABORATORY
<table>
<thead>
<tr>
<th>S/NO</th>
<th>DESCRIPTION</th>
<th>ADDITIONAL NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Designing of three isolation facilities: The State is in the process of engaging an Isolation Facility design expert to support the design of a fit for purpose isolation facility 1, 2 and 3. The engagement of the design expert can be concluded with support from Total E&amp;P</td>
<td>The 1&lt;sup&gt;st&lt;/sup&gt; and 2&lt;sup&gt;nd&lt;/sup&gt; request on this list ranks highest on our priority list.</td>
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<tr>
<td>2.</td>
<td>Building and equipping of three Isolation Facilities with a holding capacity of 100 patients each</td>
<td></td>
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<td>3.</td>
<td>Provision of power generating system for the Isolation Facilities</td>
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<tr>
<td>a.</td>
<td>New diesel generating set of appropriate capacity (250-500 KVA)</td>
<td></td>
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<tr>
<td>b.</td>
<td>Solar power system for 100kva solar plant</td>
<td></td>
</tr>
<tr>
<td>c.</td>
<td>Inverters for 100kva solar plant</td>
<td></td>
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<tr>
<td>d.</td>
<td>Refurbishment &amp; relocation of existing generating set to the isolation units</td>
<td></td>
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## ASKS

<table>
<thead>
<tr>
<th>a.</th>
<th>DESCRIPTION</th>
<th>ADDITIONAL NOTES</th>
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<tbody>
<tr>
<td>a. 4</td>
<td>Medical equipment for the Isolation Facilities</td>
<td></td>
</tr>
<tr>
<td>a.</td>
<td>Two dedicated artificial ventilating machines</td>
<td></td>
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<tr>
<td>b.</td>
<td>Two dedicated dialysis machines</td>
<td></td>
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<tr>
<td>5</td>
<td>Dedicated side-laboratory for the isolation units</td>
<td></td>
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<tr>
<td>6</td>
<td>Provision of 100 Beds for isolation units and overflow tents</td>
<td></td>
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<tr>
<td>a. 7</td>
<td>Personal Protective Equipment</td>
<td>Estimate based on 6 PPEs set per case for approx. 200 suspected cases &amp; 50 confirmed cases</td>
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<tr>
<td>a.</td>
<td>2000 units of face filtering piece class 2 or 3 respirator</td>
<td></td>
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<tr>
<td>b.</td>
<td>2000 units of goggles of face shields</td>
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<td>c.</td>
<td>2000 units of long-sleeved water-resistant gown</td>
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<td>d.</td>
<td>2000 pair of gloves</td>
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<td>a. 8</td>
<td>Human Resource Requirements</td>
<td></td>
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<tr>
<td>a.</td>
<td>Healthcare professionals to strengthen airport screening</td>
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<tr>
<td>b.</td>
<td>Health professionals to perform disease surveillance in community</td>
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</tbody>
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References


• COVID daily stats: https://www.worldometers.info/coronavirus/

• Case management updates: COVID 19 EOC
• Igbega ipinle eko..