




## SITUATION REPORT NO. 12

<b>Disease Outbreak:</b> COVID-19	Response start date: <b>30<sup>th</sup> January, 2020</b>
<b>Date of report:</b> 30 <sup>th</sup> March, 2020	<b>Prepared by:</b> MOH/ZNPHI/WHO
<b>Country:</b> Zambia	<b>Correspondence:</b> <a href="mailto:ims.covid@znphi.co.zm">ims.covid@znphi.co.zm</a>

### 1. CURRENT SITUATION UPDATE

- **Country Highlights:** As of 11hrs on 30<sup>th</sup> March 2020, there were **six (6) new confirmed cases** recorded in the past 24 hours. The total number of confirmed cases is **thirty-five (35)**. **There have been zero (0) deaths recorded** (Refer to Annex 1)
  - **Levy Mwanawasa Hospital:** There are currently **36** patients admitted at Levy Mwanawasa Hospital in Lusaka: 33 confirmed positive and 3 suspected cases (with results pending)
  - **Masaiti District Hospital (Copperbelt):** There are currently two (2) confirmed positive cases. No new cases were recorded.

#### Zambia Current Numbers

 **35 Confirmed (6 new)**  
 **0 Deaths (0 new)**  
 **0 Recoveries (0 new)**  
*\*New: in the last 24hrs*

#### Global Numbers

(Source: Johns Hopkins University)




 **770,653 Confirmed**  
 **36,964 Deaths**  
 **160,130 Recoveries**

Table 1: COVID-19 Cumulative surveillance and case management report as of 30<sup>th</sup> March 2020

Parameter	Number
Number of high risk persons under observation	4,204
Number of high risk persons that have completed 14 days observation	891
Number of alerts notified & verified as non-cases	239
Number of suspected cases reported today	76
Total Number of Samples Received	522
Total Number of Results Processed	475
<b>Total Number of Confirmed COVID-19 Positive Cases</b>	<b>35</b>

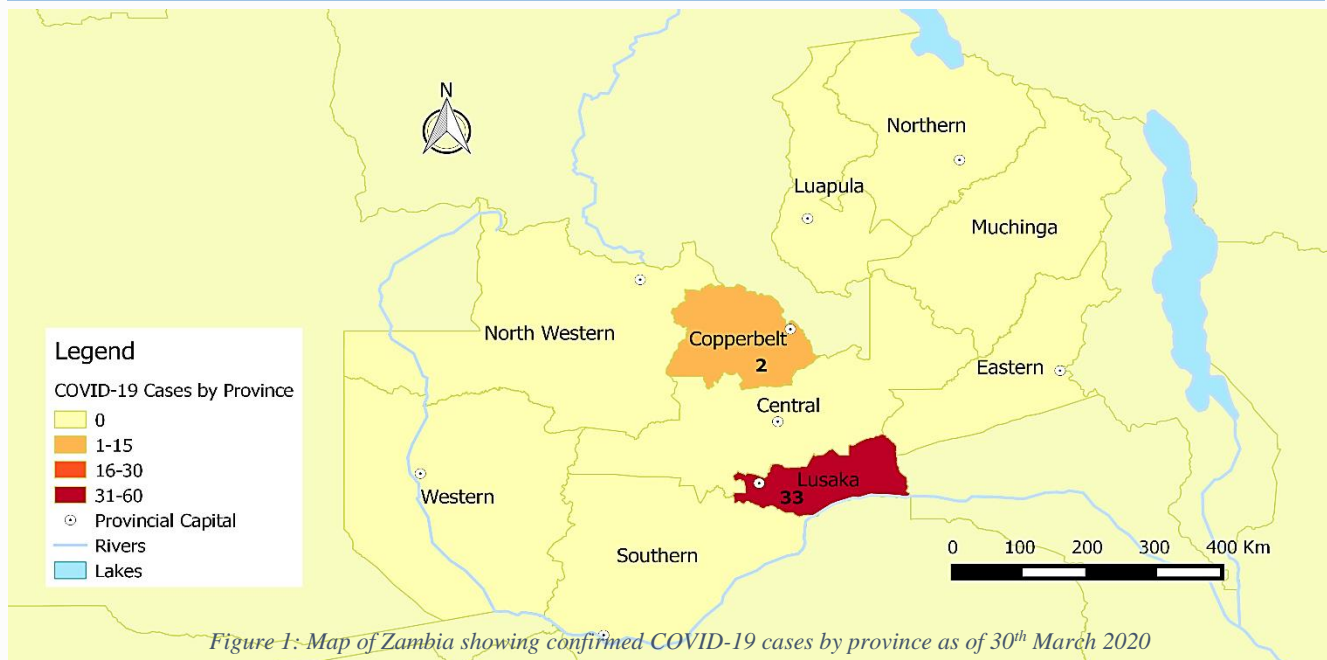


Figure 1: Map of Zambia showing confirmed COVID-19 cases by province as of 30<sup>th</sup> March 2020

## 2. ACTIONS TO DATE

### 2.1 CO-ORDINATION

- **Policy Level:** Government measures and interventions to control the spread of COVID-19 came into effect at midnight on Thursday 26<sup>th</sup> March, 2020 in line with the Public Health Act, statutory instruments **SI21** and **SI22**, and the presidential directives.
  - Daily press briefings held at 11:30 on the evolving outbreak situation in Zambia.
  - Meetings of the Committee of Ministers, Committee of Permanent Secretaries, and the National Epidemic Preparedness, Prevention Control and Management Committee (NEPPC&MC) have been convened since the declaration of the outbreak
- **Technical level:**
  - The IMS continues to meet on Tuesdays and Thursdays. (Refer to Annex 2 for structure)
  - Technical co-ordinating meetings are being held with cooperating partners and other stakeholders. The meetings are chaired by the Director, ZNPH

### 2.2 SURVEILLANCE

- **Surveillance** (including Event Based Surveillance) is being actively conducted at POEs, health facilities, and sentinel sites. Additional surveillance staff have been deployed in communities.
  - Below is the epi-curve of cases recorded by date of lab confirmation as of 30<sup>th</sup> March, 2020

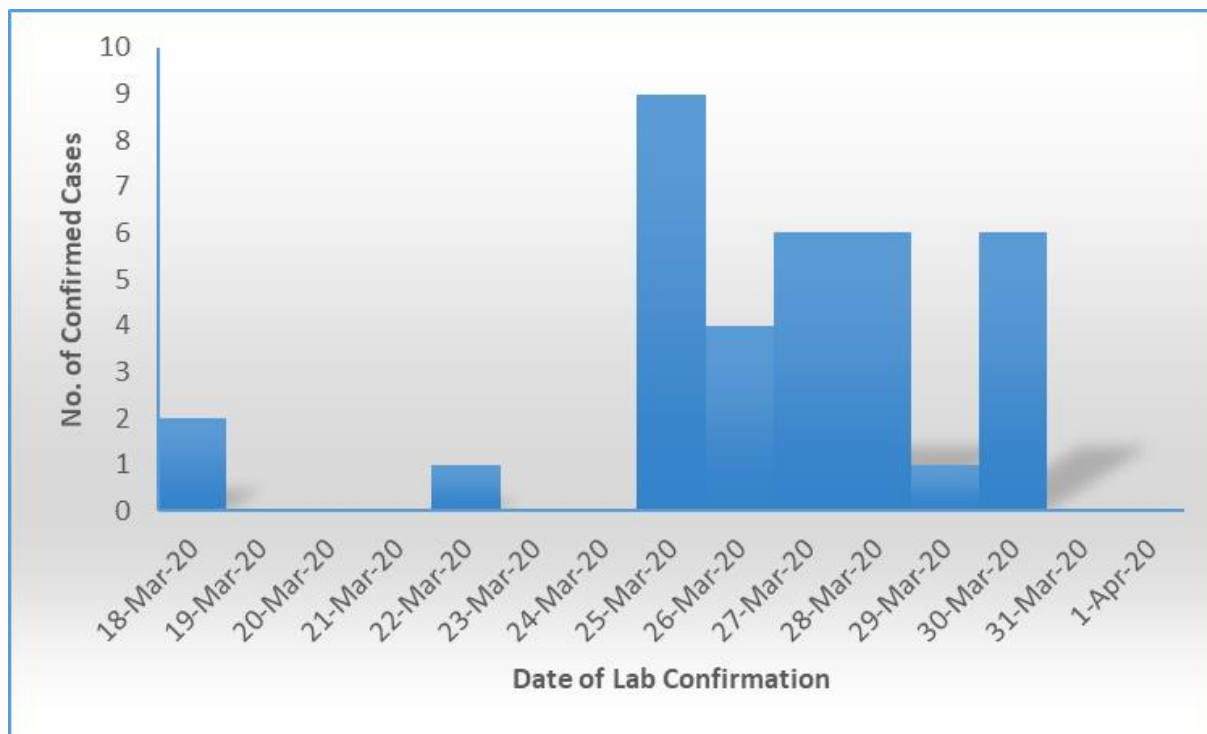


Figure 2: Epi-curve of COVID-19 confirmed cases as of 30<sup>th</sup> March 2020

Table 2: Summary of COVID-19 cases recorded country-wide as of 30<sup>th</sup> March 2020

Reporting Province	New Cases	Total Confirmed Cases	New Deaths	Total Deaths	Transmission Classification	Days since last confirmed case discharged
Lusaka	6	33	0	0	24 Imported 9 Local	0
Copperbelt	0	2	0	0	2 Imported	0
Central	0	0	0	0	N/A	0
Southern	0	0	0	0	N/A	0
Eastern	0	0	0	0	N/A	0
Western	0	0	0	0	N/A	0
Northern	0	0	0	0	N/A	0
N/Western	0	0	0	0	N/A	0
Luapula	0	0	0	0	N/A	0
Muchinga	0	0	0	0	N/A	0
<b>Total</b>	<b>6</b>	<b>35</b>	<b>0</b>	<b>0</b>		

- **Sex distribution:** Of the confirmed cases, 27 are male and 6 are female (Note: data cleaning and verification in process to verify incomplete details of the 2 unknowns).

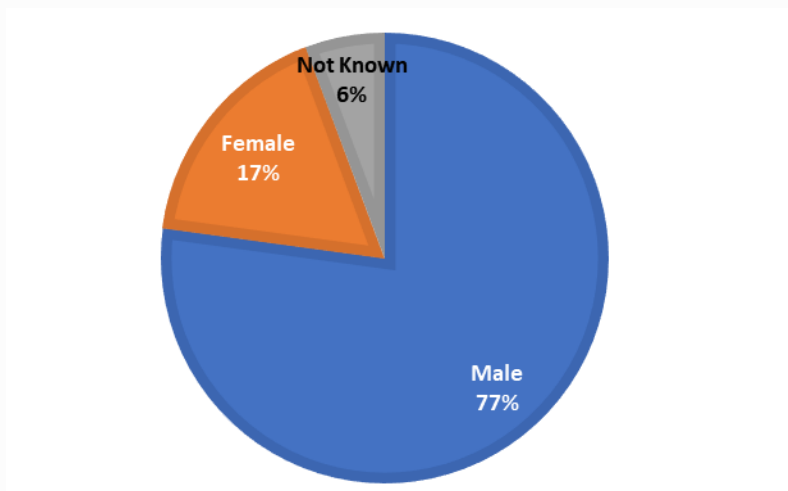


Figure 3: Sex distribution of confirmed cases reported as of 30<sup>th</sup> March 2020

- **Age distribution:** Of the confirmed cases, the most affected age group is between 15-30 years old. (Note: data cleaning and verification in process to verify incomplete details of the 2 unknowns).

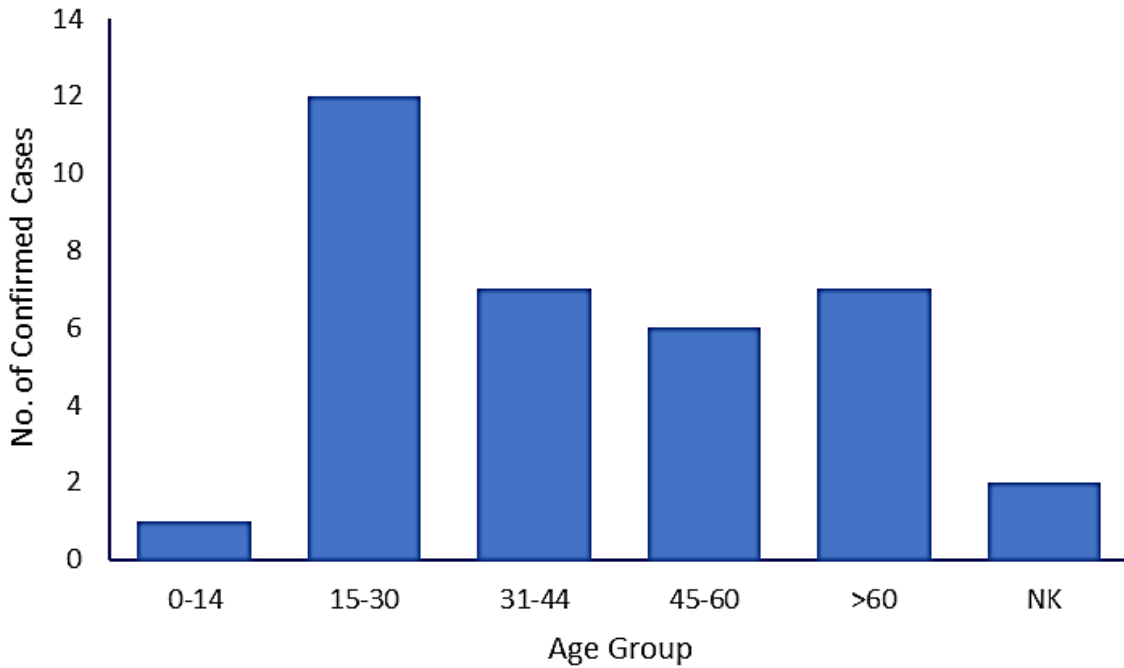


Figure 4: Age distribution of confirmed cases

- Contact Tracing:** surveillance teams continue to actively follow up contacts of confirmed cases. All travellers who arrived in Zambia aboard Turkish Airways, Kenya Airways, Emirates and South African Airlines from 15th March 2020 to date must remain in self-quarantine and notify the health authorities if they develop any symptoms.

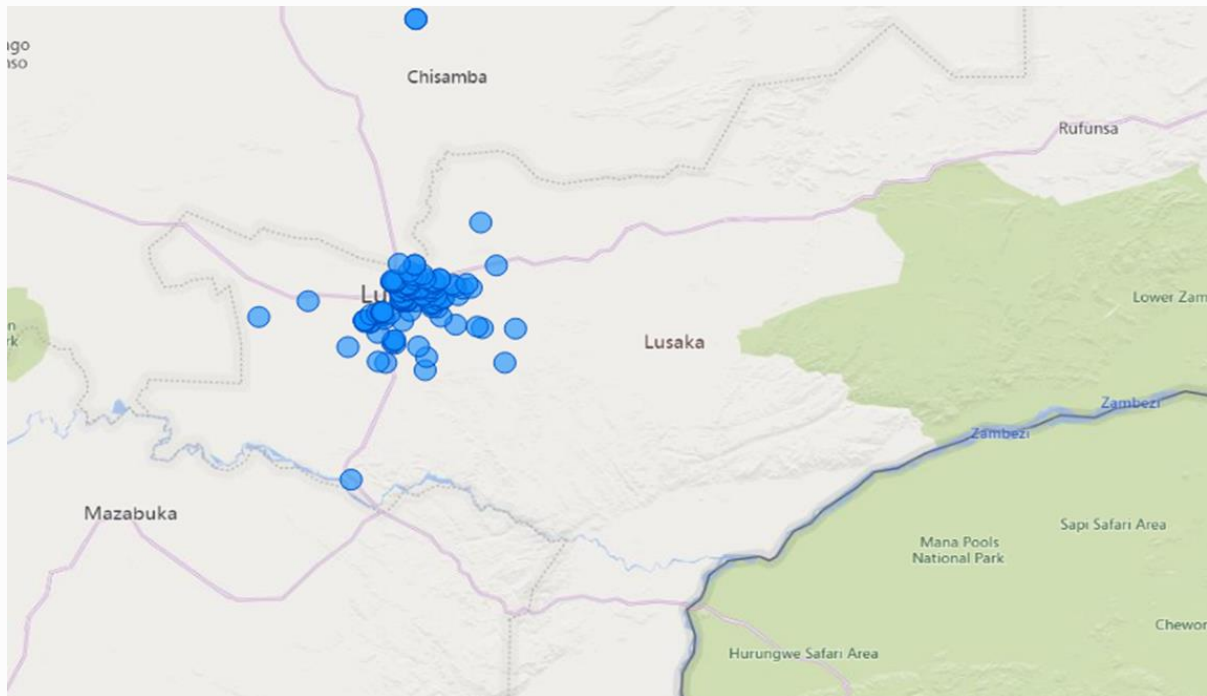


Figure 5: Distribution summary of contacts of confirmed cases, 29th March 2020

- **Arrivals at KKIA and the dry port in Makeni:** 27 arrivals were recorded at KKIA on 29<sup>th</sup> March 2020. (See Table 3 below)

Table 3: Number of arrivals by Port of Entry, Lusaka, as of 29th March 2020

Report Date	Point of Entry	Countries of Original Departure	Number of Arrivals
29/03/2020	KKIA	Canada (1), China (3), India (1), Maldives (1), Moldova (2), Netherlands (1), New Zealand (1), Pakistan (1), South Africa (1), Tanzania (1), USA (14)	27
<b>Total Number of Arrivals</b>			<b>27</b>

- **Laboratory:** Total number of samples received to date is 522; 475 results have been processed with 35 confirmed positive for SARS-CoV-2. A sample referral system is in place for samples being collected in other provinces. Summary of tests conducted to date is available in Annex 1
- **Case Management:** additional clinical staff have been Refer to Annex 1 for detailed summary
  - **Levy Mwanawasa Hospital:** Seven new admissions and no discharges. There are 36 patients in total currently admitted (33 confirmed positive; 3 suspected with results pending). One of the confirmed cases has an underlying chronic respiratory illness and is receiving specialist medical care; the patient is stable and is currently on oxygen. Screening structures have been set up at the facility.
  - **Masaiti District Hospital:** 2 confirmed positive case admitted at the facility; no new admissions
  - **Tubalange Hospital:** there are currently no cases admitted at the facility
  - **University Teaching Hospital:** There are currently no patients admitted at the facility. Screening structures have been set up here as well.
  - **Isolation facilities** have also been set up in all high risk districts across the ten provinces; a detailed list is available at Annex 4

### 3. GAPS AND CHALLENGES

- **Surveillance:** resources being spent to follow up on prank calls to the call-centre; non-adherence to quarantine directives; incorrect/incomplete contact information provided on surveillance forms
- Logistics:** low stocks of sample collection supplies and other logistical supplies due to limited availability and increased demand on the global market.

### 4. PRIORITY ACTIONS AND RECOMMENDATIONS

- **Policy Level:** revocation of licenses of businesses not complying with the public health directives
- **Surveillance:** decentralisation of testing to other provinces; additional thermal scanners to be procured and placed at the POEs to avoid over-crowding and enhance social distancing; set up/identification of designated quarantine facilities to enforce guidelines on quarantine.
- **Logistics:** additional quantities of PPE will be distributed to the PHOs during the week of 29<sup>th</sup> March 2020.

### 5. CONCLUSION

Zambia recorded six new confirmed cases of COVID-19 in the last 24 hours, bringing the total number to 35 cases. Of the total cases, nine have been locally transmitted. Cases remain confined to Lusaka and Copperbelt provinces only. All cases are currently being managed at the designated isolation facilities. With support from partners, government continues to mount a scalable response to the outbreak.

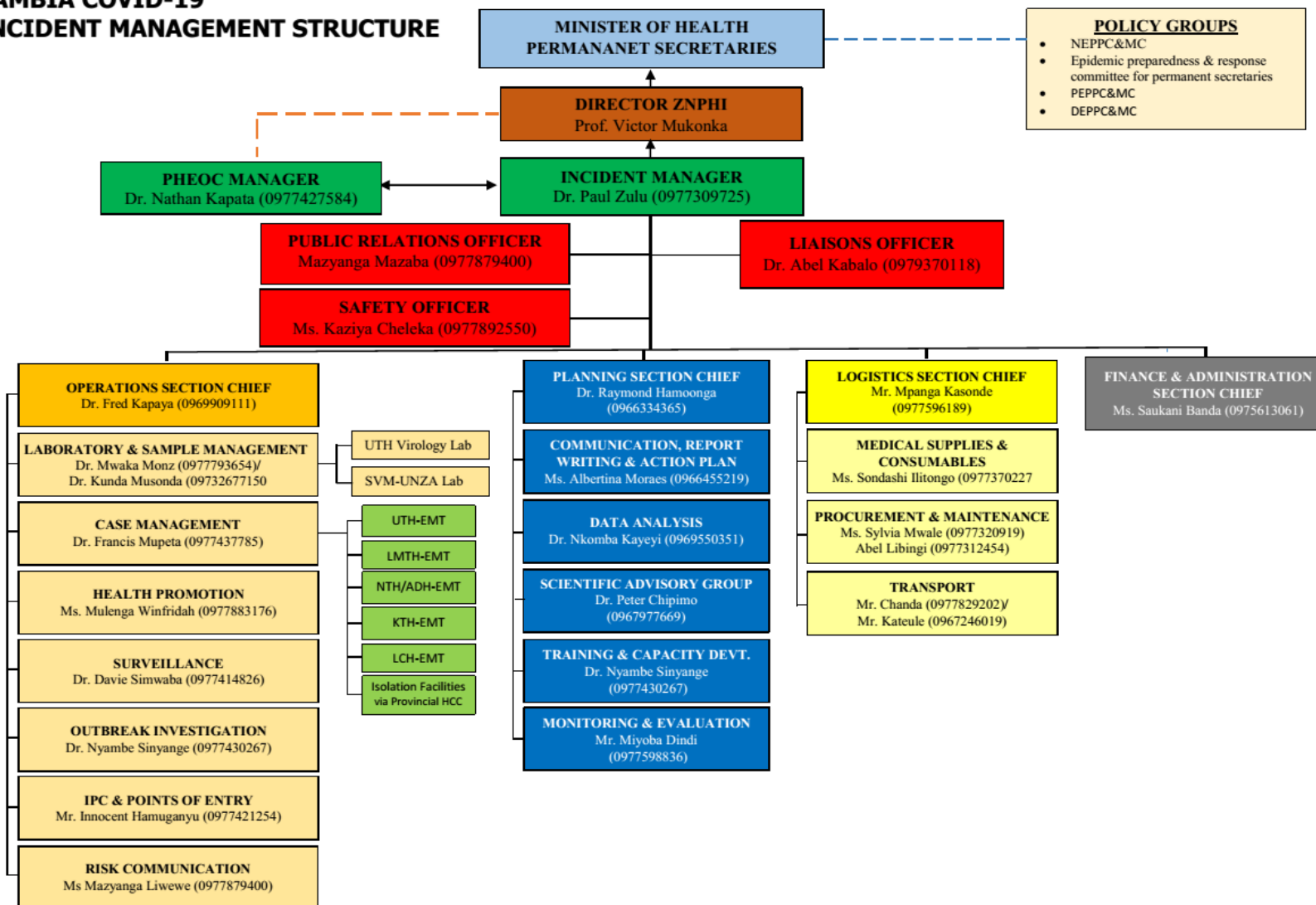
### ANNEX 1: EPIDEMIOLOGICAL DATA AS OF 11:00HRS ON 30<sup>TH</sup> MARCH 2020\*

Total Cases	Daily Total			Cumulative since outbreak declared		
Suspected cases	76			-		
Confirmed cases	6			35		
<b>UTH Virology Laboratory</b>						
Samples received	47			522		
Samples with results processed	75			475		
Number of re-tests	0			4		
COVID-19 positive	6			35		
COVID-19 negative	69			436		
Samples with results pending	47			-		
Statistics By Health Facility	Tubalange	Levy	Masaiti	UTH	Daily Total	Cumulative since outbreak declared
<b>Admissions/Discharges</b>						
New Admissions	0	7	0	0	7	55
Currently Admitted	0	36	2	0	38	-
Discharges	0	0	0	0	0	17
Transferred in	0	0	0	0	0	7
Transferred out	0	0	0	0	0	7
<b>Deaths</b>						
Deaths among suspected cases	0	0	0	0	0	0
Deaths among lab confirmed cases	0	0	0	0	0	0

*\*Reported figures may vary due to continual data cleaning and verification as part of quality assurance*

## ANNEX 2: NATIONAL LEVEL INCIDENT MANAGEMENT SYSTEM FOR THE COVID-19 PREPAREDNESS RESPONSE

### ZAMBIA COVID-19 INCIDENT MANAGEMENT STRUCTURE





## ANNEX 3: CORONAVIRUS DISEASE 2019 (COVID-19) CASE DEFINITIONS

### Case Definitions

#### **1. Suspect case:**

A. Patient with acute respiratory infection (fever and at least one sign/symptom of respiratory disease e.g. cough, shortness of breath), AND with no other aetiology that fully explains the clinical presentation AND a history of travel to or residence in a country/area or territory reporting local transmission of COVID-19 during the 14 days prior to symptom onset,

**OR**

B. Patient with any acute respiratory illness AND having been in contact with a confirmed or probable COVID-19 case in the last 14 days prior to symptom onset,

**OR**

C. Patient with severe acute respiratory infection (fever and at least one sign/symptom of respiratory disease e.g. cough, shortness of breath), AND requiring hospitalization AND with no other aetiology that fully explains the clinical presentation

**2. Probable case:** A suspect case for whom testing for COVID-19 is inconclusive or is tested positive using a pan-coronavirus assay and without laboratory evidence of other respiratory pathogens.

**3. Confirmed case:** A person with laboratory confirmation of COVID-19 infection, irrespective of clinical signs and symptoms.

**4. Person Under Investigation:** a suspected case, irrespective of admission status, with either history of travel to an area with local transmission or worked in/attended a health care facility treating COVID-19 infections or admission to a facility for severe pneumonia of unknown aetiology

**5. Contact:** a person who experienced any one of the following exposures during the 2 days before and the 14 days after the onset of symptoms of a probable or confirmed case: a. Face-to-face contact with a probable or confirmed case within 1 meter and for more than 15 minutes; b. Direct physical contact with a probable or confirmed case; c. Direct care for a patient with probable or confirmed COVID-19 disease without using proper personal protective equipment; OR d. Other situations as indicated by local risk assessments.

## ANNEX 4: LIST OF DESIGNATED ISOLATION FACILITIES FOR THE COVID-19 OUTBREAK RESPONSE

PROVINCE	DISTRICT	ISOLATION FACILITY
<b>Eastern</b>	Chipata	Walera HP and Chipata District Hospital
	Chadiza	Sadzu RHC and Chilenga HP
	Lundazi	Lundazi New Hospital Male Ward
	Mambwe	Agriculture Field Training Centre and ADRA shade in Nsefu
	Petauke	Zuze Health Post
	Katete	Katete Livestock Market
	Nyimba	Chininkhu Health Post
	Sinda	Ukasimbe Health Post and Chinzule HP
	Vubwi	Chigwe Health Post
	Kasenengwa	Kanzutu Health Post
	Lumezi	Lumezi Hospital, Mwasemphangwe Zonal and Mwanya RHC
	Chasefu	Kanyanga Mission Hospital
	Chipangali	Mkanda RHC and Chinunda RHC
	Lusangazi	Ukwimi Trades
<b>Southern</b>	Livingstone	Mosi Oa Tunya Health centre
	Zimba	Zimba Basic school
	Siavonga	Kabbila Health Post
	Pemba	Pemba Main Clinic
	Kalomo	Mawaya Clinic
	Monze	Mulumbwa Health Post
	Mazabuka	Research clinic
	Chikankata	Nansenga Rural Health centre
	Namwala	Nchole Health Post
	Choma	Njase Clinic
	Gweembe	Munyumbwe HAHC
	Kazungula	Kazungula hospital admin block
	Sinazongwe	Sinazongwe rural health centre
	<b>Lusaka</b>	Chilanga

	Chirundu	Lumbembe Clinic
	Kafue	Shikoswe Clinic
	Luangwa	Kavalamanja RHC, Chitpoe RHC, Kasinsa RHC, Mandombe RHC
	Lusaka	Levy Mwanawasa, UTH, Tubalange Mini Hospital, Chawama SD, Matero SD, Chilenje SD, Kanyama SD, Chipata SD, Victoria Hospital, Bauleni
	Rufunsa	Rufunsa RHC, Chinyunyu RHC
<b>Muchinga</b>	Isoka	Lualizi and Kafwimbi RHC
	Lavushimanda	Red Rhino school, Muwele Market .
	Nakonde	Nakonde Hospital and Nakonde Urban Clinic.
	Chama	FTC
	Shiwang'andu	Lwanya RHC
	Mpika	Chibansa RHC
	Kanchibiya	Kopa Primary school ,LuchembeKanchibiya resettlement scheme,Chalabesa RHC.
	Chinsali	Nambuluma RHC
	Mafinga	Mulekatembo
	<b>Western</b>	Senanga
Shangombo		Shangombo Secondary School
		Shangombo RHC
Kaoma		Kaoma Trades
		Kaoma Youth Resource Centre
Luampa		Kahumbu Primary School
Lukulu	Lukulu Old Hospital	

	Mitete	Lukulu Old Hospital
	Kalabo	Wenela RHC
	Nalolo	Muoyo RHC
	Sioma	Old Nangwesh Refugee Camp
	Mulobezi	Mulobezi HAHC
	Mwandi	Situlu Health Post
	Sesheke	Mulimambango
	Sikongo	Sikongo RHC
	Limulunga	Nan'oko Health Post
	Mongu	Mongu D Hospital, Mweeke HP
	Nkeyema	Nkeyema Zonal Health Centre
<b>Central</b>	Chitambo	Muchinka RHC
	Mkushi	Kasalamkanga RHC
	Serenje	Serenje Boma School
	Iuano	Old Mkushi Health Centre
	Kapiri	Tazara dry port
	Kabwe	Old Mukobeko clinic
	Chibombo	Twalumba RHC
	Chisamba	Malombe RHC
	Shibuyunji	Sichobo Rural Health Centre
	Mumbwa	Mumbwa Urban Clinic
	Itezhi tezhi	Itezhi tezhi Basic School/Uphill Scholl and and Itezhi Tezhi Boarding School
	Ngabwe	Iwonde primary school

<b>Copperbelt</b>	Chililabombwe	Council Hall	
	Chingola	Kalilo Health Centre	
	Kalulushi	Kalulushi Urban Health Centre	
	Kitwe	Garnerton Clinic	
	Luanshya	Chibolya Clinic	
	Lufwanyama	Shimukunami Rural Health Centre	
	Masaiti	Masaiti District Hospital	
	Mpongwe	Bwembelelo Health Post	
	Mufulira	Mutundu RHC	
	Ndola	Itawa clinic	
	<b>Northern</b>	Chilubi	Chaba RHC Chilubi RHC
		Kaputa	Kaputa RHC Kalaba RHC Kapepula HP
Kasama		Lukupula Rural Centre	
Lunte		Chitoshi RHC Mukupa Koama RHC Mulenga Mapesa HP	
Lupososhi		Chungu RHC Nsombo RHC	
Luwingu		Ipusikilo RHC	
Mbala		Chulungoma Urban Clinic Kaluluzi Health Post	
Mporokoso		Township Clinic Chizala RHC	
Mpulungu		Mpulungu Urban Clinic	
Mungwi		Mungwi Baptist HC, Kayambi RHC	
Nsama		NsumbuRHC	
Senga	Nsumbu RHC, Mwiluzi HP, Sumbi HP		

