

# Plan for COVID-19 Screening of Thimphu Population

## Transition to Yellow Phase

Prepared by COVID-19 TAG

13<sup>th</sup> January 2021

### 1. Objective

The aim of the mass screening is to demonstrate that there are no COVID-19 cases in the community and to facilitate the phase-wise unlocking of Thimphu.

### 2. Thimphu Thromde zoning

As per the Zoning Task Force, Thimphu is divided into 5 Mega zones and 56 zones as reflected in figure 1.

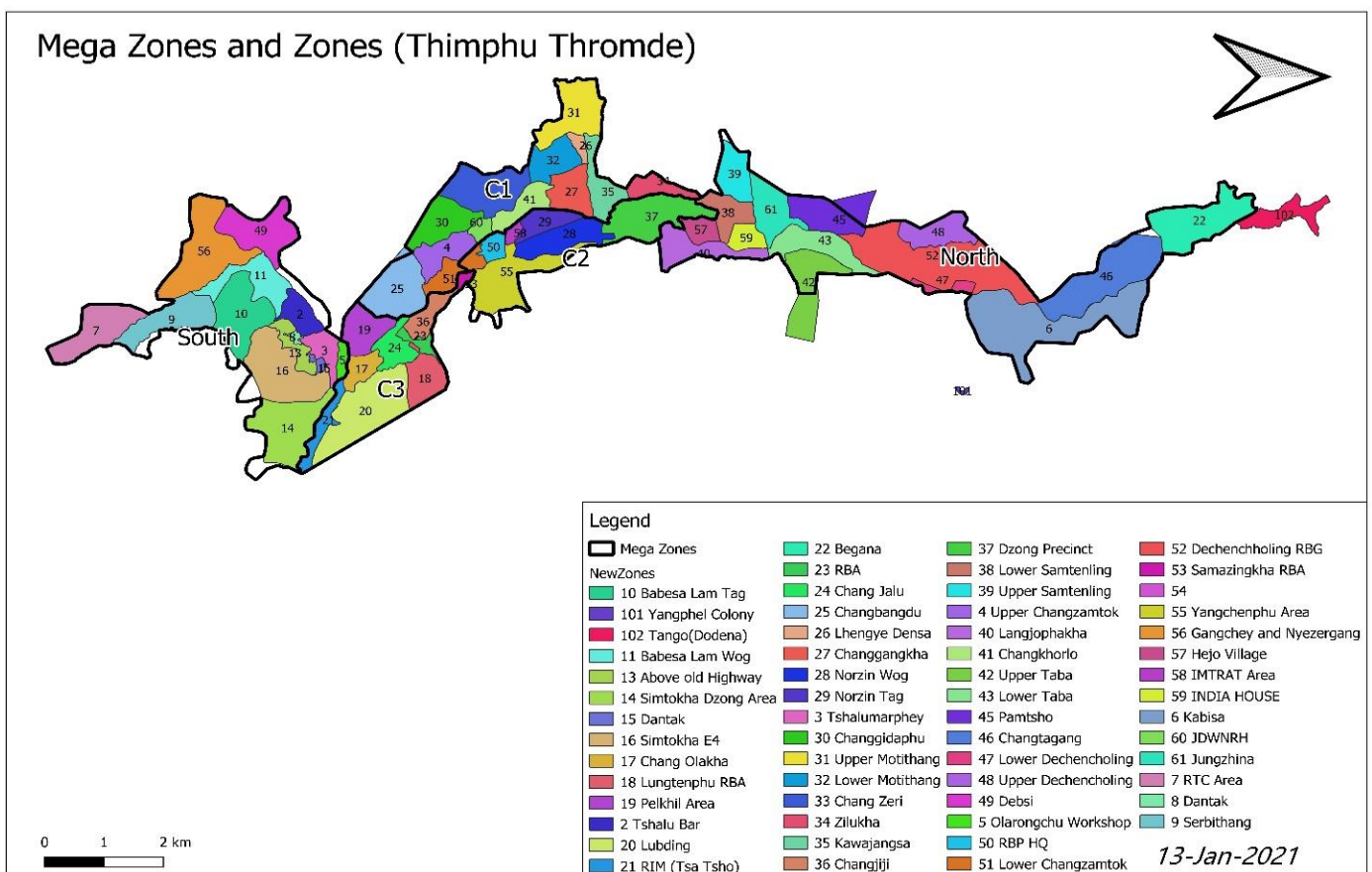


Figure 1: Thimthrom Mega zone

### 3. Operational plan

The sample collection of red zones in Thimphu will be as follows:

**Table 1: The tentative plan for the sample collection as per the mega zones and zones**

	<i>Mega zones</i>	<i>Zone id</i>	<i>Zone name</i>	<i>DeSuups required</i>	<i>Health team required</i>	<i>HH no</i>	<i>Initial date of testing</i>
1	<b>Mega zone North</b>	22	Begana	NR		80	13-1-2021
2		46	Changtagang	NR		120	13-1-2021
3		6	Kabisa	NR		742	13-1-2021
4		52	Dechenchholing RBG	NR		962	8-9 Jan 2021
5		47	Dechencholing Wog	3	1	70	15-1-2021
6		48	Dechencholing Tak	12	4	582	
7		42	Taba Lamtak	15	5	745	
8		43	Taba Lamwog	15	5	893	
9		45	Pamtsho	9	3	356	
10		61	Jungzhina	15	5	875	
11		59	India House				
12		40	Langjophakha	15	5	743	
13		57	Hejo Village	12	4	363	
14		38	Lower Samtenling	6	2	376	
15		39	Upper Samtenling	12	4	603	
		<b>Sub-total</b>		<b>114</b>	<b>38</b>	<b>5606</b>	
16	<b>Mega zone C1</b>	34	Zilukha	9	3	379	19-1-2021
17		35	Kawajangsa	6	2	342	
18		31	Upper Motithang	9	3	378	
19		26	Lhengye Densa	3	1	29	
20		27	Changgangkha	9	3	613	
21		32	Lower Motithang (Kawang Damisa)	24	8	1386	
22		41	Changkhorlo	15	5	755	
23		33	Chang Zeri	6	2	222	
24		30	Changgidaphu	15	5	882	
25		60	JDWNRH	3	1	102	
26		25	Changbangdu	15	5	806	
			Sub total		38		
27		4	Upper Changzamtok	30	10	1398	18-1-2021

		51	Lower Changzamtok	30	10	1509	
			<b>Sub-total</b>		<b>20</b>	<b>8801</b>	
29	<b>Mega zone C2</b>	37	Kawang Chenjo/Dzong Precinct	3	1	21	
30		28	Norzin Wog	12	4	702	
31		29	Norzin Tag	15	5	930	
32		58	IMTRAT Area	3	1	50	
33		50	RBP HQ	12	4	502	
34		55	Yangchenphu Area	9	3	320	
			<b>Sub-total</b>		<b>18</b>	<b>2525</b>	
35	<b>Mega zone C3</b>	53	Samazingkha RBA			153	8-9 Jan 2021
36		36	Lungtenphu RBA			685	
37		18	Changjiji	30	10	1229	17-1-2021
38		23	RBA	0		106	
39		24	Chang Jalu	30	10	1343	
40		20	Lubding	9	3	288	
41		17	Chang Olakha	33	11	1366	
42		19	Pelkhil Area	3	1	45	
43		21	RIM (Tsa Tsho)	9	3	309	
			<b>Sub-total of HH</b>		38	<b>4580</b>	
44	<b>Mega Zone – South</b>	14	Simtokha Dzong Area	3	1	260	16-1-21
45		5	Olarongchu Workshop Area	6	2	307	
46		15	Dantak2H	3	1	17	
47		16	Simtokha E4	6	2	192	
48		13	Above old Highway	6	2	270	
49		3	Tshalumarphey	15	5	850	
50		8	Dantak2G	3	1	85	
51		2	Tshalu Bar	12	4	722	
52		10	Babesa Lam Tag	9	3	700	
53		11	Babesa Lam Wog	24	8	1159	
54		49	Debsi	6	2	370	
55		56	Gangchey and Nyezergang	9	3	419	
56		9	Serbithang	6	2	191	
57		7	RTC Area	6	2	177	
			<b>Sub-total of HH</b>		<b>38</b>	<b>5719</b>	



Test not required

#### 4. Sample collection team composition

Each sampling team will consist of following human resource:

- 2 Laboratory technicians/health workers

- 2 Desuups
- 1 Vehicle driver

## 5. Selection of individual for sample collection

- Only ONE individual from every household shall be selected for the sample collection.
- The following criteria shall apply for identifying individual for sample collection in a household:
  - Most mobile and active member of the family (socializing, sports, business, government and corporate employee) OR
  - Symptomatic individuals

## 6. Exclusion criteria

- Households in identified red buildings
- Individuals who got infected with COVID-19 before
- Those who have been tested earlier in lockdown period
- Avoid children (>5 years old) and elderly people

## 7. Supplies and equipment

- One vehicle per team
- Laboratory consumables: Throat and nasal swab; Blood tubes; Syringe and needles; Cool box; and Ice packs
- Full PPE set
- Hand sanitizer
- Appropriate disinfectant (1% bleach solution)
- Sample detail Form
- Zone map (zone map and google zone map)
- A table and 3 chairs

## 8. Type of sample

- Nasal and throat swabs

## 9. Type of test to be conducted

- PCR (virological screening)

## 10. Coordination of sample collection

- The MRCT to inform the general public about the tentative schedule of mass screening in social media handles and press briefing
- Number of DeSuups to be deployed as per the operational plan above.
- DeSuup will be responsible for crowd control and calling each individual from the household to the testing sites.
- Wherever requires, the team may seek assistance from the respective Thromde Thuemis/Tshogpa of that locality. They shall be responsible for informing the community on sampling schedule.

## 11. Annexure 1: Spatial map of Mega zones

