

# COVID-19 OUTBREAK CONTROL AND PREVENTION STATE CELL HEALTH & FAMILY WELFARE DEPARTMENT GOVT. OF KERALA

#### www.health.kerala.gov.in

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Date: 14/06/2020

#### Kerala Epidemic Diseases, COVID-19 Regulations, 2020

In exercise of the powers conferred by sections 2, 3 & 4 of the Epidemic Diseases Act, 1897 (Central Act 3 of 1897), the Government of Kerala has issued regulations as Kerala Epidemic Diseases, COVID-19 Regulations, 2020for the strict compliance, for the containment management and control of COVID-19 21-3-2020 as part of endeavor to eliminate COVID from the State.

#### Advisories

- Do frequent hand washing with soap and water. Avoid social greetings by touching, hugging or handshaking.
- Do not touch your face, nose and eyes.
- Use handkerchief while coughing/ sneezing. It is advisable for all to use masks during the COVID
   19 pandemic season. N95 masks should not be worn by the public.

#### Guidelines

The following guidelines were issued and published in the website of DHS:

- 1. 2 annexures added regarding summary of positive cases and deaths.
- 2. Railway Surveillance guidelines.
- 3. Advisory on COVID-19 sentinel surveillance activity using RT-PCR.
- 4. Advisory on RT-PCR pooled testing for COVID-19

#### Home quarantine Advisory

- (1) Everyone who comes from other states should be subjected to medical examination and those with symptoms of the disease are to be hospitalized for further examination and treatment. They are to be kept in observation until RT-PCR results become negative, after which they may be sent home for completing 14days of quarantine.
- (2) Those who do not show any symptoms during medical examination may be send for home quarantine for a period of 14 days. If they turn symptomatic while on home

Call Centre:0471 2309250, 2309251, 2309252, 2309253, 2309254, 2309255

WHO has declared the COVID-19 epidemic affecting 216 countries, areas or territories as a Pandemic. Considering the increase in number of cases, the state has strengthened the surveillance and control measures against the disease in view of the same.

#### Home/Hospital Isolation

 242767 persons are placed under surveillance, out of which 240744 are under home/institutional quarantine and 2023 are admitted in designated isolation facilities.

#### Sample Testing

- Till date 112962 samples (including repeat and private lab samples) have been sent for testing out of which results of 2851 are pending.
- Apart from above, 30785 samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which 28935 samples tested negative.

Total Sample Send	Total routine sample	Augmented	sentinel	pooled sentinel	CB NAAT	True NAAT
1491164	112962	3128	4414	26371	1418	871

#### Test Results

- Total confirmed cases under treatment till yesterday were 1342.
- 54 new COVID-19 positive cases have been declared today, of which 8 from Kozhikode, 7 each from Ernakulam and Thrissur, 6 each from Palakkad and Kasaragod, 4 each from Thiruvananthapuram and Kannur, 3 each from Kottayam and Malappuram, 2 each from Pathanamthitta and Idukki and 1 each from Kollam and Wayanad have been declared positive.
- Test results of 56 COVID-19 patients under treatment have been declared negative today. Of which 27 are Palakkad, 7 from Thrissur, 5 from Malappuram, 3 each Thiruvananthapuram, Alappuzha (Thiruvananthapuram-1) and Ernakulam (Thrissur-1, Kozhikode-1), 2 each from Kottayam, Idukki and Kannur, and 1 each from Wayanad and Kasaragod have been declared negative.
- At present 1340 Positive cases are under treatment.

As per GO (Rt) No. 740/2020/H&FWD dated 19.04.2020 and GO (Rt) No. 740/2020/H&FWD dated 20.04.2020, Hotspots were notified in the state. Based on the daily report by SDMA the list will be modified, and the revised list is attached as annexure.

### Complimentary Activities

- In view of recent trend of COVID-19 positivity in Kerala following the existing advisories under the current strategy, it is decided to augment the testing among the general population by taking 3000 more samples randomly on 26<sup>th</sup> April 2020 with the objective of detecting any undetected COVID-19 positivity among general population in Kerala.
- Xpert-SARS-CoV testing has been initiated in Govt. Medical Colleges
  Thiruvananthapuram, Ernakulam and Kozhikode for testing samples with emergency
  nature such as for emergency surgery, symptomatic health worker, sick patients or
  COVID suspected death.
- COVID Care Centres have been established in all districts with a view to accommodate people who have been advised home isolation but have no residence in Kerala (e.g.: Tourists, people in transit etc). And to accommodate any person in home isolation but not following the home isolation guidelines. These centres will also accommodate the Keralites returning from various states in India.
- For providing Psycho Social Support,1143 personnel are working and have given psycho social support calls to 4,04,502 numbers of persons in quarantine/ isolation. In addition to this, Psycho Social Support calls are given to mentally ill patients, Children with Special Needs, Guest Labourers, and Elderly People living alone. Counselling service is also given to alleviate stress of personnel working in corona outbreak control activities. A total of 10,46,545 Psycho Social Support and Counselling Calls have been given to all such categories till date. Co-ordination of Community Based De-addiction is also being done.
- Home isolation is being ensured with the help of squads at LSG level including health staff, police and volunteers.
- Adequate infrastructure facilities have been ensured at all designated isolation facilities.
- Kerala arogyam portal (*health.kerala.gov.in*) with comprehensive information on department of Health and Family Welfare was launched by Hon. Health Minister.

DISHA: 0471-2552056, 1056

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Annexure 1: Details of persons under Surveillance

District	No. of Persons under observation as on today	No. of persons under home/institutional quarantine as on today	No. of symptomatic persons hospitalized as on today	No. of persons hospitalized today
Thiruvananthapuram	20953	20786	167	21
Kollam	16114	15996	118	7
Pathanamthitta	12375	12280	95	9
Idukki	9463	9432	31	5
Kottayam	14373	14325	48	2
Alappuzha	13223	13110	113	10
Ernakulam	25824	25701	123	23
Thrissur	23130	22937	193	16
Palakkad	22268	22060	208	27
Malappuram	22165	21747	418	34
Kozhikode	21141	20976	165	27
Wayanad	7462	7429	33	6
Kannur	24194	23988	206	28
Kasaragod	10082	9977	105	9
Total	242767	240744	2023	224

# Annexure 2: Chronology of Positive cases

Date	No. of patients	District	Present Status	Remarks
30.01.2020	1	Thrissur-1	Negative	Discharged
02.02.2020	1	Alappuzha-1	Negative	Discharged
03.02.2020	1	Kasaragod-1	Negative	Discharged
9.03.2020	6	Pathanamthitta-5 Ernakulam-1 (Kannur native)	Negative	Discharged
10.03.2020	8	Kottayam-2 Pathanamthitta -4 Ernakulam -2 (Kannur native)	Negative	Discharged
12.03.2020	2	Thrissur -1 Kannur -1	Negative	Discharged
13.03.2020	3	Thiruvananthapuram –3	Negative	Discharged
15.03.2020	2	Thiruvananthapuram -1  dukki-1	Negative	Discharged

Darte	No. of	District	Present	Davis and a
Date	patients	District	Status	Remarks
16.02.2020	2	Malappuram –2	Magativa	Diagharand
16.03.2020	3	Kasaragod-1	Negative	Discharged
19.03.2020	1	Kasaragod-1	Negative	Discharged
		Ernakulam- 6 (1 Malappuram		
20.03.2020	12	native)	Negative	Discharged
20.03.2020		Kasaragod-6		
		Ernakulam-3		
21.03.2020	12	Kannur-3	Negative	Discharged
21.03.2020		Kasaragod-6		
		Ernakulam-1		
		Malappuram-2		
	15	Kozhikode-2	Negative	Discharged
22.03.2020	15	Kannur-4		
22.03.2020		Kasaragod-5		
		Ernakulam-1	Positive	Expired
		Pathanamthitta-1		
		Ernakulam-2		
23.03.2020	28	Thrissur-1	Negative	Discharged
		Kannur-5		
		Kasaragod-19		
		Thiruvananthapuram-1		
		Alappuzha-1		
		Kottayam-1		
24.03.2020	14	Ernakulam-1	Negative	Discharged
21.03.2020	14	Palakkad-1	Negative	Bisonal gea
		Malappuram-1		
		Kozhikode-2		
		Kasaragod-6		
		Pathanamthitta-2		
		ldukki-1		
25.03.2020	9	Ernakulam-3	Negative	Discharged
		Palakkad-2		
		Kozhikode-1		
		Kannur-9		
26.03.2020	19	ldukki-1	Negative	Discharged
		Kasaragod-3	3.373	
		Malappuram-3		

Date	No. of patients	District	Present Status	Remarks
	patiento	Thrissur-2	Otatas	
		Wayanad-1		
		Kollam-1		
		Thrissur-1		
27.03.2020	39	Kozhikode-1	Negative	Discharged
27.03.2020		Kannur-2	riegative	Bloomar gea
		Kasaragod-34		
		Thiriruvanathapuram-2		
		Kollam-1		
28.03.2020	6	Palakkad-1	Negative	Discharged
20.03.2020		Malappuram-1	riegative	Discharged
		Kasaragod-1		
		Ernakulam-1		
		Thrissur-1		
		Palakkad-1		
29.03.2020	20	Malappuram-1	Negative	Discharged
25.05.2020	20	Kannur-8		
		Kasaragod-7		
		Thiriruvanathapuram-1	Positive	Expired
		Idukki-2	TOSITIVE	Expired
		Kannur-11		
30.03.2020	32	Wayanad-2	Negative	Discharged
		Kasaragod-17		
		Thiriruvanathapuram-2		
		Kollam-1		
31.03.2020	7	Thrissur-1	Negative	Discharged
31.03.2020	,	Kannur-1	riegative	Dischar ged
		Kasaragod-2		
		Thiriruvanathapuram-2		
		Ernakulam-3		
		Palakkad-1		
01.04.2020	24	Thrissur-2	Negative	Discharged
01.07.2020	27	Malappuram-2	riogative	Disorial gea
		Kannur-2		
		Kasaragod-12		
		Thiriruvanathapuram-1		
02.04.2020	21	Kollam-2	Negative	Discharged
		Nolium-2		

Pathanamthitta-1   Idukki-5   Thrissur-1   Malappuram-1   Kozhikode-1   Kannur-1   Kasaragod-8	Date
Idukki-5 Thrissur-1 Malappuram-1 Kozhikode-1 Kannur-1 Kasaragod-8  Thrissur-1 Negative Discharged Kasaragod-7  Kollam-1 Alappuzha-1 Ernakulam-1 Palakkad-1 Kannur-1 Kasaragod-6 Pathanamthitta-1 Kozhikode-5	
Thrissur-1	
Malappuram-1 Kozhikode-1 Kannur-1 Kasaragod-8  Thrissur-1 Negative Discharged Kasaragod-7  Kollam-1 Alappuzha-1 Ernakulam-1 Palakkad-1 Kannur-1 Kasaragod-6 Pathanamthitta-1 Kozhikode-5	
Kozhikode-1	
Kannur-1   Kasaragod-8   Thrissur-1   Negative   Discharged	
Kasaragod-8	
Thrissur-1  Kannur-1  Kasaragod-7  Kollam-1  Alappuzha-1  Ernakulam-1  Palakkad-1  Kannur-1  Kasaragod-6  Pathanamthitta-1  Kozhikode-5	
03.04.2020 9 Kannur-1 Negative Discharged  Kasaragod-7  Kollam-1 Alappuzha-1 Ernakulam-1 Palakkad-1 Kannur-1 Kasaragod-6  Pathanamthitta-1 Kozhikode-5	
Kasaragod-7  Kollam-1 Alappuzha-1 Ernakulam-1 Palakkad-1 Kannur-1 Kasaragod-6 Pathanamthitta-1 Kozhikode-5	03.04.2020
Color   Colo	
Alappuzha-1 Ernakulam-1 Palakkad-1 Kannur-1 Kasaragod-6 Pathanamthitta-1 Kozhikode-5	
04.04.2020 11 Ernakulam-1 Palakkad-1 Kannur-1 Kasaragod-6 Pathanamthitta-1 Kozhikode-5	
Palakkad-1 Kannur-1 Kasaragod-6 Pathanamthitta-1 Kozhikode-5	
Kannur-1 Kasaragod-6 Pathanamthitta-1 Kozhikode-5	04.04.2020
Pathanamthitta-1 Kozhikode-5	
Pathanamthitta-1 Kozhikode-5	
Negative Discharged	
05 04 2020 8   Negative   Discharged	
Kannur-1	05.04.2020
Kasaragod-1	
Kollam- 1	
Pathanamthitta- 1	
06.04.2020 13 Negative Discharged	06.04.2020
Kasaragod -9	
Kollam - 1	
Malappuram – 1	
07.04.2020 8 Negative Discharged	07.04.2020
Kasaragod – 4	
Pathanamthitta- 1	
Alappuzha – 2	
08.04.2020 9 Thrissur - 1 Negative Discharged	08.04.2020
Kannur -4	
Kasaragod – 1	
Thiruvananthapuram – 1	
09.04.2020 12 Kollam -1 Negative Discharged	00 04 2020
09.04.2020 12 Negative Discharged	U3.U <del>1</del> .ZUZU
Kannur -4	

Date	No. of patients	District	Present Status	Remarks
		Kasaragod – 4		
		Malappuram – 2		
10.04.2020	7	Kannur – 2	Negative	Discharged
		Kasaragod - 3		
		Kozhikode – 1		
11.04.2020	10	Kannur-7	Negative	Discharged
		Kasaragod – 2		
12.04.2020	2	Kannur-1	Negative	Discharged
		Pathanamthitta-1		
13.04.2020	3	Palakkad-1	Negative	Discharged
		Kannur-2		
	_	Kozhikkode-3		
14.04.2020	8	Kannur-4	Negative	Discharged
		Kasaragod-1		
15.04.2020	1	Kannur-1	Negative	Discharged
	_	Kozhikode-2		
16.04.2020	7	Kannur-4	Negative	Discharged
		Kasaragod-1		
17.04.2020	1	Kozhikode-1	Negative	Discharged
18.04.2020	4	Kannur-3 Kozhikode-1	Negative	Discharged
19.04.2020	2	Kannur-1	Negative	Discharged
13.01.2020		Kasaragod-1	riegative	Bissinal gea
20.04.2020	6	Kannur-6	Negative	Discharged
		Kollam-1		
		Palakkad-4		
21.04.2020	19	Malappuram-1	Negative	Discharged
		Kannur-10		
		Kasaragod-3		
		Kottayam-1		
22.04.2020	11	Kozhikode-2	Negative	Discharged
22.01.2020		Kannur-7		
		Malappuram-1	Positive	Expired
		Thiruvananthapuram – 1		
23.04.2020	10	Kollam-1	Negative	Discharged
		Kottayam-2		

Date	No. of	District	Present	Remarks
	patients		Status	
		Idukki-4		
0.4.0.4.0.000		Kozhikode-2		5
24.04.2020	3	Kasaragod-3	Negative	Discharged
	_	Kollam-3		
25.04.2020	7	Kottayam-3	Negative	Discharged
		Kannur-1		
26.04.2020	11	ldukki-6	Negative	Discharged
		Kottayam-5	3	3
		Kottayam-6		
		ldukki-4		
27.04.2020	13	Malappuram-1	Negative	Discharged
		Palakkad-1		
		Kannur-1		
28.04.2020	4	Kannur-3	Mogativo	Discharged
28.04.2020	4	Kasaragod-1	Negative	Discharged
		Thiruvananthapuram-2		
29.04.2020	10	Kollam-6	Negative	Discharged
		Kasaragod- 2 (Kannur native)		
30.04.2020	2	Malappuram-1	Nogativo	Discharged
30.04.2020	2	Kasaragod-1	Negative	Discharged
02.05.2020	2	Wayanad-1	NI a scartic ca	Diaghanasad
02.05.2020	2	Kannur-1	Negative	Discharged
05.05.2020	3	Wayanad-3	Negative	Discharged
08.05.2020	1	Ernakulam-1	Negative	Discharged
00.05.2020	2	Malappuram -1	Positive	Under treatment
09.05.2020	2	Malappuram -1	Negative	
		Malappuram-1	Positive	Under treatment
10.05.0000	_	Ernakulam-1		
10.05.2020	7	Thrissur-2	Negative	Discharged
		Wayanad-3		
		Palakkad-1	D :::	I lie al en 1
11.05.0000	_	Malappuram-1	Positive	Under treatment
11.05.2020	7	Wayanad-1		6
		Kasaragod-4	Negative	Discharged
40.07.55	_	Pathanamthitta –1		
12.05.2020	5	Kottayam-1	Negative	Discharged
		1		

Date	No. of patients	District	Present Status	Remarks
		Malappuram-3		
		Palakkad-2	Positive	Under treatment
		Kottayam-1		
13.05.2020	10	Malappuram-3		
13.05.2020	10	Kozhikode-1	Negative	Discharged
		Wayanad-2		
		Kannur- 1		
		Kasaragod-1		
		Malappuram-2	Positive	Under treatment
		Palakkad-1	Positive	Under treatment
		Kannur-2		
		ldukki-1		
14.05.2020	26	Pathanamthitta-1		
		Palakkad-2		Discharged
		Malappuram-3	Negative	
		Wayanad-3		
		Kozhikode-1		
		Kasaragod-9		
		Kozhikode-1	Dooitivo	Linday tradition and
		Palakkad-1	Positive	Under treatment
		Kollam-1		
15.05.2020	16	Alappuzha-2		
15.05.2020	16	Malappuram-4	Negative	Diocharand
		Kozhikode-1	Negative	Discharged
		Wayanad-5		
		Kasaragod-1		
		Thrissur- 1		
		Palakkad-2	Positive	Under treatment
		Malappuram-1		
16.05.2020	11	Thrissur- 1	Positive	Expired
		Thrissur- 2		
		Malappuram-1	Negative	Discharged
		Kozhikode-3		
		Malappuram -1		
17.05.2020	14	Kannur-1	Positive	Under treatment
		Palakkad -1		

Date	No. of patients	District	Present Status	Remarks
		Kollam-1		
		Thrissur -1		
		Kasaragod -1		
		Ernakulam-1		
		Palakkad –1		
		Malappuram –3	Negative	Discharged
		Kozhikode -2		
		Kannur-1		
		Kollam-1		
		Thrissur-1		
		Kozhikode-1	Positive	Under treatment
		Kottayam-1		
		Palakkad-1		
		Pathanamthitta-1	Positive	Expired
	29	Thiruvananthapuram-3		
		Kollam-5		
18.05.2020		Pathanamthitta-1		
		Alappuzha-2		
		Kottayam–1		
		Ernakulam-1	Negative	Discharged
		Thrissur-3		
		Malappuram-1		
		Kozhikode-1		
		Kannur-3		
		Kasaragod-2		
		Kannur-4		
		Malappuram-3	Positive	Under treatment
		Alappuzha-1	Positive	Onder treatment
19.05.2020	12	Palakkad-1		
		Pathanamthitta-1		
		Thrissur-1	Negative	Discharged
		Kannur-1		
		Palakkad-5		
		Malappuram-3		
20.05.2020	24	Kannur-1	Positive	Under treatment
		Thiruvananthapuram-1		
		Pathanamthitta-1		

Doubo	No. of	District	Present	Damanuka
Date	patients	District	Status	Remarks
		Alappuzha-1		
		Thiruvananthapuram-1		
		Pathanamthitta-1		
		Ernakulam-1		
		Thrissur-2		
		Palakkad-2	Negative	Discharged
		Malappuram-1		
		Kozhikode-1		
		Kannur-1		
		Kasaragod-1		
		Kannur-1	Positive	Expired
		Malappuram-2		
	24	Kannur-1		Under treatment
		Kottayam-1	Da aitis sa	
		Alappuzha-1	Positive	
		ldukki-1		
		Kasaragod-1		
21.05.2020		Thiruvananthapuram-2		
21.05.2020		Kollam-2		
		Alappuzha-1	Negative	
		Kottayam-2		Diochargod
		Thrissur-3		Discharged
		Palakkad-1		
		Malappuram-3		
		Kannur-3		
		Kannur-7		
		Kasaragod-2		
		Palakkad-2	Positive	Under treatment
		Kozhikode-1	Positive	Onder treatment
		Malappuram-3		
22.05.2020	42	Kollam-1		
22.03.2020	42	Pathanamthitta-1		
		Kottayam-2		
		Thrissur-3	Negative	Discharged
		Palakkad-3	rvegative	Discharged
		Malappuram-1		
		Kozhikode-5		

Date	No. of patients	District	Present Status	Remarks
		Kannur-5		
		Kasaragod-4		
		Thrissur-1	5	
		Wayanad-1	Positive	Expired
		Palakkad-6		
		Kannur-4		
		Malappuram-3	D ist	
		Alappuzha-4	Positive	Under treatment
		Kozhikode-2		
		Kollam- 3(Thiruvananthapuram-1)		
00.05.0000	00	Alappuzha-1		
23.05.2020	62	Kottayam-2		
		Palakkad-13		
		Malappuram-5		Discharged
		Kozhikode-2	Negative	
		Wayanad-1		
		Kannur-12		
		Kasaragod-4		
		Thiruvananthapuram-4		
		Kannur-5		
		Malappuram-2		
		Alappuzha-3	Positive	Under treatment
		Ernakulam- 2		
		Palakkad-1(Thrissur-1)		
		Kollam-2		
		Thiruvananthapuram-8		
0.4.05.0000	50	Kollam-1		
24.05.2020	53	Pathanamthitta-2		
		Alappuzha-1		
		Ernakulam-2		
		Palakkad-3(Thrissur-1)	Negative	Discharged
		Malappuram-3		
		Kozhikode-1		
		Kannur-7		
		Kasaragod-5		
		Tamilnadu-1		
25.05.2020	49	Kasaragod-2	Positive	Under treatment

Date	No. of	District	Present	Remarks
	patients		Status	
		Kannur-3		
		Palakkad-3		
		Kozhikode-2		
		Pathanamthitta-2		
		Kollam-2		
		Thiruvananthapuram-5		
		Pathanamthitta-1		
		Alappuzha-3		
		Kottayam-2		
		Idukki-1	Negative	Discharged
		Palakkad-2		
		Kozhikode-2		
		Kannur-7		
		Kasaragod-11		
		Palakkad-9		
		Kannur-4	Positive	Under treatment
		Kottayam-1		
		Ernakulam-5		
		Malappuram-4		
		Kollam-3		
		Alappuzha-2		
26.05.2020	67	Kasaragod-3		
		Kollam-1		
		Alappuzha-1		
		Kottayam-5		
		Thrissur-4	Negative	Discharged
		Palakkad-20		
		Malappuram-1		
		Kannur-4		
		Kasaragod-3		
27.05.2020		Palakkad-1		
		Alappuzha-3		
	40	Kollam-3	Positive	Under treatment
21.00.2020		Pathanamthitta-1		
		Wayanad-3		
		Ernakulam-1		
		Kozhikode-1	Positive	Expired

Date	No. of patients	District	Present Status	Remarks
		Kollam-1		
		Pathanamthitta-2		
		Alappuzha-4		
		Ernakulam-1		
		Palakkad-7	Negative	Discharged
		Kozhikode-1		
		Kannur-1		
		Kasaragod-7		
		Kasaragod-6		
		Palakkad-3		
		Kannur-8		
		Malappuram-7		
		Thiruvananthapuram-3	Positive	Under treatment
		Thrissur-1		
	84	Kozhikode-3		
		Pathanamthitta-3		
		Alappuzha-1		
		Thiruvananthapuram-4		
28.05.2020		Kollam-1		
		Pathanamthitta-3		Discharged
		Kottayam-3		
		ldukki-1	Negative	
		Thrissur-6		
		Palakkad-13		
		Kozhikode-3		
		Kannur-2		
		Kasaragod-12		
	1	Malappuram-1	Dogitivo	Expire d
	1	Telengana-1	Positive	Expired
		Palakkad-6		
		Kannur-1		
		Thrissur-1		
20.05.2020	62	Thiruvananthapuram-1	Positive	Under treatment
29.05.2020	02	Pathanamthitta-1	rositive	Onder treatment
		Malappuram-4		
		Ernakulam-4(Thrissur native-1)		
		Alappuzha-3		

Date	No. of patients	District	Present Status	Remarks
	12 2. 2. 2. 7. 7. 2	Kollam-1		
		Wayanad-1		
		Kottayam-1		
		Idukki-1		
		Kozhikode-1		
		Others-2		
		Thiruvananthapuram-4		
		Kollam-1		
		Pathanamthitta-4		
		Thrissur-5		
		Palakkad-4	Negative	Discharged
		Malappuram-1		
		Wayanad-1		
		Kannur-6		
		Kasaragod-4		
		Kannur-2		
		Thrissur-5		
		Palakkad-7		
		Kollam-2		
		ldukki-3		
		Ernakulam-1	Positive	Under treatment
		Kozhikode-3		
		Kasaragod-1		
		Thiruvananthapuram-1		
		Alappuzha-1		
30.05.2020	58	Kottayam-1		
30.03.2020	30	Others-7		
		Alappuzha-1	Positive	Expired
		Thiruvananthapuram-1		
		Kollam-2		
		ldukki-1		
		Ernakulam-3		
		Thrissur-5	Negative	Discharged
		Palakkad-6		
		Kozhikode-1		
		Kannur-6		
		Kasaragod-2		

Date	No. of District		Present	Remarks
Bate	patients	Biothiot	Status	Kernarks
		Palakkad-6		
		Kasaragod-9		Under treatment
		Kannur-4		
		Kollam-5		
		Alappuzha-4	Positive	
		Pathanamthitta-2		
		Malappuram-3		
		Wayanad-2		
		Kozhikode-1		
31.05.2020	61	Thiruvananthapuram-4		
31.00.2020		Kollam-1		
		Pathanamthitta-2		
		Alappuzha-1		
		Ernakulam-2		
		Thrissur-3	Negative	Discharged
		Palakkad-6		
		Wayanad-1		
		Kozhikode-1		
		Kannur-3		
		Kasaragod-1		
		Malappuram-8		
		Kasaragod-11		
		Thrissur-5		
		Kollam-2		
		Pathanamthitta-4	Positive	Under treatment
		Thiruvananthapuram-1		
		Ernakulam-1		
		Alappuzha-1		
01.06.2020	57	ldukki-1		
		Thiruvananthapuram-6		
		Kollam-3		
		Alappuzha-1		
		Ernakulam-2	Negative	Discharged
		Thrissur-4	negative	Discharged
		Palakkad-1		
		Malappuram-2		
		Kasaragod-3		

Date	No. of	District	Present	Remarks
Date	patients	District	Status	Remarks
		Malappuram-7		
		Alappuzha-7		
		Kasaragod-7		
		Kollam-5		
		Thiruvananthapuram-3		
		Kottayam-5	Positive	Under treatment
		Thrissur-4	1 0311110	orider treatment
		Wayanad-4		
		Palakkad-5		
		Kozhikode-4		
		Kannur-4		
		Pathanamthitta-1		
02.06.2020	86	Thiruvananthapuram-1	Positive	Expired
		Thiruvananthapuram-3		
		Kollam-3		
		Alappuzha-3		
		Kottayam-1		
		Ernakulam-3		
		Thrissur-2	Negative	
		Palakkad-1		
		Malappuram-8		
		Kozhikode-1		
		Wayanad-2		
		Kannur-1		
		Kasaragod-2		
		Thiruvananthapuram-7		
		Malappuram-10		
		ldukki-5		
		Kottayam-4		
		Alappuzha-7		Under treatment
03.06.2020	82	Kozhikode-7	Positive	
03.06.2020	82	Kollam-1	Positive	
		Ernakulam-3		
		Palakkad-5		
		Thrissur-1		
		Kasaragod-3		
		Kannur-1		

Date	No. of	District	Present	Remarks
	patients		Status	
		Thiruvananthapuram-7		
		Kollam-4		
		Pathanamthitta-2		
		Kottayam-4		
		Idukki-4	Negative	Discharged
		Ernakulam-2		
		Thrissur-3		
		Malappuram-1		
		Kannur-1		
		Pathanamthitta-14		
		Kasaragod-10		
		Kollam-10		
		Kozhikode-8		
		Alappuzha-8	Positive Under tred	
	94	Malappuram-7		Under treatment
		Palakkad-6		
		Kannur-5		
		Thiruvananthapuram-4 (Alappuzha-		
		1)		
		Kottayam-3		
04.06.2020		Thrissur-2 (Palakkad-1)		
		Ernakulam-2		
		Wayanad-2		
		Kollam-1		
		Palakkad-1	Positive	Expired
		Malappuram-1		
		Thiruvananthapuram-1		
		Kottayam–2		
		Thrissur-2	NI a avadáv va	
		Kozhikode-2	Negative	
		Kannur-1		
		Kasaragod-2		
		Palakkad-25		
		Malappuram-18		
05.06.2020	111	Pathanamthitta-10	Positive	Under treatment
		Ernakulam-5		
		Thrissur-4		

Date	No. of	District	Present	Remarks
Date	patients	District	Status	Remarks
		Thiruvananthapuram-5		
		Alappuzha-5		
		Kozhikode-2		
		ldukki-2		
		Kollam-2		
		Kottayam-1		
		Wayanad-2		
		Pathanamthitta-1		
		ldukki-1		
		Ernakulam-5 (Thiruvananthapuram-1,		
		Pathanamthitta-1)		
		Thrissur-4	Negative	
		Palakkad-14		
		Kozhikode-2		
		Wayanad-1		
		Kasaragod-1	D 141	To
		Palakkad-1 (Tamilnadu native)  Kollam-19	Positive	Travelled back
		Thriisur-15		
		Malappuram-12 Kannur-11		
		Palakkad-6		
		Kasaragod-10 Pathanamthitta-9	Positive	Under treatment
			Positive	Onder treatment
		Alappuzha-4 Kozhikode-4		
06.06.2020	108	Thiruvananthapuram-2		
00.00.2020	106	Idukki-2		
		Ernakulam-2		
		Kottayam-2		
		Thiruvananthapuram-1		
		Idukki-1		
		Ernakulam-2		
		Thriisur-1	Negative	
		Palakkad-5		
		Kannur-1		
		Namui - 1		

Date	No. of District		Present	Remarks
Date	patients	District	Status	Remarks
		Malappuram-27		
		Thrissur-26		
		Pathanamthitta-13		
		Kollam-9		
		Alappuzha-6		
		Palakkad-6	Positive	Under treatment
		Kozhikode-5	Positive	Onder treatment
07.06.2020	107	Thiruvananthapuram-3		
		Kottayam-3		
		Kasaragod-3		
		Kannur-2		
		ldukki-1		
		Thiruvananthapuram-1		
		Alappuzha-1	Negative	
		Kozhikode-1		
		Thrissur-27		
		Malappuram-14		
		Kozhikode-13		
		Kasaragod-8		
		Kollam-5		
		Alappuzha-5		
08.06.2020	91	Kannur-4	Positive	Under treatment
		Thiruvananthapuram-3		
		Pathanamthitta-3		
		Kottayam-3		
		Ernakulam-3		
		Wayanad-2		
		Palakkad-1		
		Palakkad-14		
		Alappuzha-11(Kollam-1)		
		Thiruvananthapuram-10		
	91	Kottayam-8		
09.06.2020		Pathanamthitta-7	Positive	Under treatment
		Kozhikode-7		
		Thrissur-6		
		Malappuram-6		
		Wayanad-6		

Date	No. of patients	District	Present Status	Remarks
		Kollam-5		
		Kannur-5		
		Ernakulam-4		
		Kasaragod-2		
		Kozhikode-9		
		Thrissur-8		
		Malappuram-7		
		Thiruvananthapuram-6		
		Palakkad-6		
		Kollam-4		
		ldukki-4	Positive	Under treatment
10.00.0000	C.F.	Ernakulam-4		
10.06.2020	65	Wayanad-4		
		Kannur-3		
		Pathanamthitta-3		
		Kottayam-3		
		Alappuzha-1		
		Thrissur-1	Dooition	Exercise of
		Kannur-1 Positive		Expired
		Kozhikode-1	Negative	
		Thrissur-25		Under treatment
		Palakkad-13		
		Malappuram-10		
		Kasaragod-10		
44.00.0000	0.0	Kollam-8	D :4:	
11.06.2020	83	Kannur-7	Positive	
		Pathanamthitta-5		
		Kottayam-2		
		Ernakulam-2		
		Kozhikode-1		
		Thrissur-14		
		Malappuram-14		
		Alappuzha-13		
12.06.2020	78	Pathanamthitta-7	Positive	Under treatment
		Ernakulam-5		
		Palakkad-5		
		Kollam-4		

Date	Date No. of District		Present	Remarks
Date	patients	District	Status	Remarks
		Kozhikode-4		
		Kasaragod-4		
		Kottayam–3		
		Kannur-2		
		Thiruvananthapuram-1		
		Idukki-1  Kannur-1	Positive	Evpired
			Positive	Expired
		Malappuram –15		
		Kannur-14		
		Kozhikode-12		
		Kasaragod-9		
		Alappuzha-9		
13.06.2020	85	Palakkad-8	Positive	Under treatment
		Ernakulam-7		
		ldukki-4		
		Thrissur-4		
		Wayanad-1		
		Kottayam-1		
		Pathanamthitta-1		
		Kozhikode-8		
		Ernakulam-7		
		Thrissur-7		
		Palakkad-6		
		Kasaragod-6		
		Thiruvananthapuram-4		
14.06.2020	54	Kannur-4	Positive	Under treatment
		Kottayam-3		
		Malappuram –3		
		Pathanamthitta-2		
		ldukki-2		
		Kollam-1		
		Wayanad-1		

<sup>• 2461</sup>persons have been tested positive till date since the outbreak in Kerala.

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<sup>• 1340</sup> persons are currently under treatment.

Annexure 3: District wise distribution based on hospital admission

District	No. of positive cases admitted	Other Districts
Thiruvananthapura		
m	61	Kollam-3, Ernakulam-1, Alappuzha-1, Malappuram-1
Kollam	92	
Pathanamthitta	86	
Alappuzha	95	
Kottayam	50	Thiruvanathapuram-1, Pathanamthitta-3
Idukki	25	
		Kollam-1, Alappuzha-2, Palakkad-2, Thrissur-4, Malappuram-1,
Ernakulam		Kottayam -1, Kannur-1 , Coast guard-4, Sailors in private
	70	ship/Others -10 (Maharashtra-8, Tamilnadu -1, MP-1)
Thrissur	151	Palakkad-2, Kollam-1, Malappuram-1
Palakkad	154	Thrissur-1, Malappuram-1
Malappuram		Thiruvanathapuram-1, Idukki-1, Thrissur-3, Palakkad-5, Air India
Malapparam	204	cabin crew-1, Pathanamthitta-1, Alappuzha-2, Kozhikode-2
Kozhikode	94	Malappuram-1, Kannur-2, Wayanad-1
Wayanad	20	
Kannur		Kozhikode-3, Kasaragod-12, Alappuzha-1, Thrissur-1,
Numui	136	Malappuram-3
Kasaragod	102	
Total	1340	

#### Annexure 4: Details of Death

SI	District	٨٥٥	Date of	Date of	Date of	Travel	Remarks
No	DISTRICT	Age	Arrival	Result	Death	history	Remarks
1	Ernakulam	69	16-03-20	22-03-20	28-03-20	Import	Comorbidity present
2	Thiruvananthapuram	68		29-03-20	31-03-20	Contact	Comorbidity present
3	Malappuram	4 months		22-04-20	24-04-20	Contact	Comorbidity present
4	Thrissur	73	19-05-20	22-05-20	21-05-20	Import	Brought dead,
'	THIOGGI	7.5	10 00 20	22 00 20	21 00 20	mport	Comorbidity present
5	Wayanad	53	20-05-20	22-05-20	24-05-20	Import	Comorbidity present
6	Kannur	62	-	20-05-20	25-05-20	Contact	Comorbidity present
7	Thiruvananthapuram	68	22-05-20	28-05-20	27-05-20	Import	Telangana native,
	Thirdvariantinaparam	00	22 00 20	20 03 20	27 03 20	προιτ	Comorbidity present
8	Pathanamthitta	65	-	18-05-20	29-05-20	Import	Comorbidity present
9	Alappuzha	39	26-05-20	30-05-20	29-05-20	Import	Comorbidity present
10	Kozhikode	55	20-05-20	27-05-20	31-05-20	import	Comorbidity present

11	Thiruvananthapuram	77	-	02-06-20	02-06-20	Nil	Comorbidity present
12	Palakkad	73	22-05-20	04-06-20	02-06-20	import	Comorbidity present
13	Malappuram	27	22-05-20	04-06-20	02-06-20	import	Comorbidity present
14	Kollam	65		04-06-20	31-05-20	Nil	
15	Malappuram	61	21-05-20	28-05-20	06-06-20	import	Comorbidity present
16	Thrissur	41	12-05-20	13-05-20	08-06-20	import	Comorbidity present
17	Thrissur	87	-	10-06-20	07-06-20	Nil	Comorbidity present
18	Kannur	70	22-05-20	10-06-20	10-06-20	import	Comorbidity present
19	Kannur	71	09-06-20	12-06-20	11-06-20	import	Comorbidity present

#### Annexure 5: Summary of positive cases

#### Till May 3<sup>rd</sup>

Total number of cases reported from January 30 till May 3<sup>rd</sup>-499

Total number of cases with travel history-334

Total number of cases with history of contact with positive case-165

District	January	February	Me	arch	Α	pril	Till №	lay 3rd	Total
DISTRICT	Import	Import	Import	Contact	Import	Contact	Import	Contact	TOLGI
TVM			7	3	5	2			17
KLM			2	1	8	9			20
PTA			6	6	5				17
ALP		1	1		3				5
KTM				3	6	11			20
IDK			2	3	10	9			24
EKM			11	3	1	3			18
TSR	1		6	1	2	3			13
PKD			5		6	2			13
MPM			11		12	2			25
KKD			6		12	6			24
WYD			3				1		4
KNR			50		43	27		1	121
KSD		1	77	31	30	39		_	178
Grand Total	1	2	187	51	143	113	1	1	499

## May 4<sup>th</sup> onwards

Total number of cases reported from May 4<sup>th</sup>-1962

Total number of cases with travel history-1742

Total number of cases with history of contact with positive case-220

DISTRICT	May 4th onward		
BioTitio1	Contact	Import	Total
TVM	10	100	110

25

KLM	15	110	125
PTA	0	113	113
ALP	1	123	124
KTM	1	71	72
IDK	3	34	37
EKM	2	81	83
TSR	43	172	215
PKD	39	232	271
MPM	33	218	251
KKD	11	122	133
WYD	20	32	52
KNR	31	156	187
KSD	11	178	189
Grand Total	220	1742	1962

# Annexure 6: Details of Passengers (excluding other State Passengers updated upto 14.06.2020)

Travel	Total passengers	Home quarantined	Institution quarantined	Passengers in isolation	Pregnant	Old age	Children less than 10
Air port	71595	49805	15319	792	4026	1959	5800
Sea port	1621	514	1101	6	34	3	24
Check post	139749	131910	7686	153	4513	4003	-
Railway	27312	25708	1262	97	-	-	-
Total	2,40,277	2,07,937	25,368	1,048	8573	5965	5824

# Annexure 7: Hotspots as on 14.06.2020

Lis	List of Local Self Governments needing special attention and Containment Zones – 14–6–2020				
	GO (Ms) No. 106/2020/GAD dated 1-6-2020				
SI. No.	SI. No. District LSGs needing special attention Containment Zones				
1	Palakkad	Akathethara	2, 3		
2	Palakkad	Alanallur	1, 14, 20		
3	Palakkad	Ambalappara	7, 20		
4	4 Palakkad Anakkara		2, 13		
5	Palakkad	Chittoor-Thathamangalam	25		

6	Palakkad	Cheruppulasherry	27
7	Palakkad	Elappally	7
8	Palakkad	Kannadi	2
9	Palakkad	Karakurishi	6, 7
10	Palakkad	Koduvayoor	10
11	Palakkad	Kollengode	4
12	Palakkad	Koppam	4, 6, 8
13	Palakkad	Kunisherri	8,9
14	Palakkad	Lakkidi Peroor	9
15	Palakkad	Mannarkad (M)	10
16	Palakkad	Mundoor	4, 10
17	Palakkad	Nellay	14
18	Palakkad	Palakkad (M)	6, 8, 13, 29, 35
19	Palakkad	Pattambi	6
20	Palakkad	Pattithara	9
21	Palakkad	Perumatty	1,6
22	Palakkad	Pirayiri	11, 12, 14
23	Palakkad	Pookkottukavu	7
24	Palakkad	Puthunagaram	9, 12
25	Palakkad	Puthupariyaram	4, 20
26	Palakkad	Puthusherry	7
27	Palakkad	Sreekrishnapuram	10
28	Palakkad	Thachampara	2, 5
29	Palakkad	Tharoor	9
30	Palakkad	Thenkara	8
31	Palakkad	Thrikkadeeri	4, 5, 10
32	Palakkad	Vadakkancheri	8
33	Palakkad	Vallappuzha	2
34	Palakkad	Vandazhi	9, 10
35	Palakkad	Vaniyamkulam	14
36	Palakkad	Vilayur	13
37	Palakkad	Shornoor	20
38	Kannur	Alakode	1,4
39	Kannur	Anthoor (M)	5
40	Kannur	Chembilode	1
41	Kannur	Cherupuzha	14
42	Kannur	Chokli	2, 8, 9
43	Kannur	Dharmadam	13
44	Kannur	Eruvessy	12
45	Kannur	Iritty (M)	4, 9
46	Kannur	Kadannappally-Panappuzha	3,9
47	Kannur	Kanichar	12
48	Kannur	Kannapuram	1
49	Kannur	Kannur (C)	12

50	Kannur	Kottayam Malabar	4, 9, 12, 14
51	Kannur	Kuttiattur	11
52	Kannur	Mangattidam	4
53	Kannur	Mattannur (M)	19, 31
54	Kannur	Mattool	14
55	Kannur	Mayyil	1
56	Kannur	Munderi	8, 12, 15
57	Kannur	Muzhappilangad	8
58	Kannur	Muzhakunnu	3, 8, Kakkayngadu Town (7, 8, 13)
59	Kannur	Naduvil	1
60	Kannur	Panniyannur	6
61	Kannur	Panoor (M)	13, 31, 32, 37
62	Kannur	Pappinissery	3
63	Kannur	Pattiam	9, 13
64	Kannur	Payyannur (M)	13,44
65	Kannur	Peravoor	Peravoor Town (11)
66	Kannur	Thillankery	All Wards
67	Kannur	Udayagiri	2
68	Kannur	Vengad	3
69	Kasargode	Badiadkka	18
70	Kasargode	Chemnad	18
71	Kasargode	Chengala	19, 20
72	Kasargode	Cheruvathur	3, 6, 9, 16
73	Kasargode	Kasargod (M)	9, 22, 24, 37
74	Kasargode	Kanhangad	40
75	Kasargode	Karadukka	8, 14
76	Kasargode	Kodom Belur	1,7
77	Kasargode	Kumbala	6, 7, 19
78	Kasargode	Madhur	1, 7, 15, 18
79	Kasargode	Mangalpady	2, 6, 9, 11, 17, 21
80	Kasargode	Meenja	2
81	Kasargode	Nileshwar	22
82	Kasargode	Padanna	3, 7
83	Kasargode	Pallikkara	16
84	Kasargode	Pullur Periya	1
85	Kasargode	Uduma	6, 11
86	Kasargode	Valiyaparamba	12, 13
87	Kollam	Kalluvathukkal	20, 21, 22, 23
88	Kollam	Panmana	10, 11
89	Kollam	Punalur (M)	12
90	Kollam	Adichanallur	15, 17
91	Kollam	Kulathooppuzha	4, 5, 6, 7, 8
92	Kollam	Aryankavu	1, 2, 4, 5
93	Thrissur	Avanur	All Wards

94	Thrissur	Adat	All Wards
95	Thrissur	Cherpu	All Wards
96	Thrissur	Vadakkekad	All Wards
97	Thrissur	Thrikkur	All Wards
98	Thrissur	Irinjalakuda (M)	1 - 10, 32 - 41
99	Thrissur	Vadanappilli	All Wards
100	Thrissur	Engandiyur	All Wards
101	Thrissur	Chavakkad (M)	1 to 4, 16 to 32
102	Thrissur	Thrissur (C)	24 to 34, 41
103	Malappuram	Anakkayam	21
104	Malappuram	Athavanadu	04, 05, 06, 07, 20
105	Malappuram	Thennala	1, 2, 3, 4, 5, 6, 10, 12, 13, 14, 15, 16,
105	Malappulatti	mennaia	17
106	Malappuram	Tirurangadi (M)	5, 38
107	Malappuram	Manjeri (M)	7, 12, 14, 16, 33, 42, 45, 46, 50
108	Malappuram	Moorkkanadu	2, 3
109	Malappuram	Kuruva	9, 10, 11, 12, 13
110	Malappuram	Kalpakancherry	12
111	Malappuram	Edappal	7, 8, 9, 10, 11, 17, 18
112	Malappuram	Vattakkulam	12, 13, 14
113	Kottayam	Vellavoor	1
114	Kottayam	Paippad	12
115	Kottayam	Changanasherry (M)	1,21
116	Kottayam	Madappally	5,9
117	Kottayam	Aymanam	3
118	Kottayam	Kangazha	3
119	Kottayam	Koruthodu	8
120	Kottayam	Thrikkodithanam	17
121	Wayanad	Sulthan Bathery (M)	6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 22,
121	vvayanaa		23, 24, 32
122	Idukki	Kumali	14

LSGs added on 14-6-2020				
SI. No.	District	LSGs needing special attention	Containment Zones	
1	Idukki	Kumali	14	
2	Kasargode	Kanhangad	40	
3	Kasargode	Karadukka	8, 14	
4	Kasargode	Pallikkara	16	
5	Kannur	Muzhakunnu	3, 8, Kakkayngadu Town (7, 8, 13)	
6	Kannur	Peravoor	Peravoor Town (11)	

LSGs deleted due to no containment zone as on 14-6-2020

SI. No	District	LSGs needing special attention	Containment Zones
1	Kasargode	Vorkady	1

 $^*$ As per Report from Secretary KSDMA on 14.06.2020

DISHA: 0471-2552056, 1056 30