

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

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

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#### 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.
- Training and IEC videos prepared by the department are available on "Kerala Health Online Training" YouTube channel of the Directorate of Health Services.

#### Guidelines

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

- 1. 2 annexure 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
- 5. Testing guideline with respect to sentinel surveillance, follow up testing for positive cases.G.O.(Rt)No.857/2020/H&FWD
- 6. Detailed advisory regarding home quarantine.G.O.(Rt)No.857/2020/H&FWD

### 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 quarantine, they must be followed up and send for further examination and RT-PCR testing.
- (3) For those persons who cannot follow home quarantine guidelines as published in G.O.(Rt)No.857/2020/H&FWD should be sent for Government Institutional Quarantine or Selected Paid Quarantine Facilities.

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

 183097 persons are placed under surveillance, out of which 181482 are under home/institutional quarantine and 1615 are admitted in designated isolation facilities.

# Sample Testing

- Till date 81517 samples (including augmented samples) have been sent for testing out of which 77517 came as negative.
- Apart from above, 20769 samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which 19597 samples tested negative.

Total Sample Send	Total new sample	Total repeat	Total sentinel
107796	81517	5510	20769

### Test Results

- Total confirmed cases under treatment till yesterday were 973.
- 108 new COVID-19 positive cases have been declared today. Of which 19 are from Kollam, 16 from Thrissur, 12 each from Malappuram and Kannur, 11 from Palakkad, 10 from Kasaragod, 9 from Pathanamthitta, 4 each from Alappuzha and Kozhikode, 3 each from Thiruvananthapuram, Idukki and Ernakulam, and 2 from Kottayam have been declared positive.
- COVID-19 positive patient who was under treatment in Malappuram district expired today.
- Test results of 50 COVID-19 patients under treatment have been declared negative today. Of which 30 are from Palakkad, 7 from Kozhikode (Air India Cabin crew-6), 6 from Ernakulam (Kollam native-2), 5 from Kannur, 1 each from Idukki and Kasaragod have been declared negative.
- A Tamilnadu native who was declared positive yesterday from Palakkad has absconded.
- At present, 1029 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,1107 personnel are working and have given psycho social support calls to 3,52,484 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 9,74,765 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.

# 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	15573	15361	212	33
Kollam	11776	11697	79	12
Pathanamthitta	9292	9227	65	23
ldukki	6908	6880	28	5
Kottayam	11463	11434	29	2
Alappuzha	9328	9244	84	12
Ernakulam	18691	18587	104	17
Thrissur	17299	17199	100	22
Palakkad	17628	17449	179	50
Malappuram	17782	17516	266	50
Kozhikode	15478	15342	136	31
Wayanad	5659	5633	26	4
Kannur	18232	18031	201	20
Kasaragod	7988	7882	106	3
Total	183097	181482	1615	284

# Annexure 2: Chronology of Positive cases

Date	No. of	District	Present	Remarks
	patients	District	Status	
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	Negative	Discharged
		Ernakulam-1 (Kannur native)		2.00.1.0.1900
40.00.000		Kottayam-2		6. 1
10.03.2020	8	Pathanamthitta –4	Negative	Discharged
		Ernakulam -2 (Kannur native) Thrissur -1		
12.03.2020	2	Kannur –1	Negative	Discharged
13.03.2020	3	Thiruvananthapuram -3	Negative	Discharged
10.00.2020		Thiruvananthapuram -1		<u> </u>
15.03.2020	2	Idukki-1	Negative	Discharged
		Malappuram -2	<b>N.</b> 1:	5: 1
16.03.2020	3	Kasaragod-1	Negative	Discharged
19.03.2020	1	Kasaragod-1	Negative	Discharged
		Ernakulam-6 (1 Malappuramnative	_	
20.03.2020	12	)	Negative	Discharged
20.03.2020		Kasaragod-6		
	4.0	Ernakulam-3		5: 1
21.03.2020	12	Kannur-3	Negative	Discharged
		Kasaragod-6 Ernakulam-1		
		Emakulam-1   Malappuram-2		
		Malappulatti-2   Kozhikode-2	Negative	Discharged
	15	Kannur-4	Negative	Discharged
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		
		Ernakulam-1		
24.03.2020	14	Palakkad-1	Negative	Discharged
		Malappuram-1		
		Kozhikode-2		
		Kasaragod-6		
		Pathanamthitta-2		
		Idukki-1		
25.03.2020	9	Ernakulam-3	Negative	Discharged
		Palakkad-2		
		Koznikode-1		
		Kannur-9   Idukki-1		
		Kasaragod-3		
26.03.2020	19	Malappuram-3	Negative	Discharged
		Thrissur-2		
		Wayanad-1		
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Date	No. of patients	District	Present Status	Remarks
27.03.2020	39	Kollam-1 Thrissur-1 Kozhikode-1 Kannur-2 Kasaragod-34	Negative	Discharged
28.03.2020	6	Thiriruvanathapuram-2 Kollam-1 Palakkad-1 Malappuram-1 Kasaragod-1	Negative	Discharged
29.03.2020	20	Ernakulam-1 Thrissur-1 Palakkad-1 Malappuram-1 Kannur-8 Kasaragod-7	Negative	Discharged
		Thiriruvanathapuram-1	Positive	Expired
30.03.2020	32	Idukki-2 Kannur-11 Wayanad-2 Kasaragod-17	Negative	Discharged
31.03.2020	7	Thiriruvanathapuram-2 Kollam-1 Thrissur-1 Kannur-1 Kasaragod-2	Negative	Discharged
01.04.2020	24	Thiriruvanathapuram-2 Ernakulam-3 Palakkad-1 Thrissur-2 Malappuram-2 Kannur-2 Kasaragod-12	Negative	Discharged
02.04.2020	21	Thiriruvanathapuram-1 Kollam-2 Pathanamthitta-1 Idukki-5 Thrissur-1 Malappuram-1 Kozhikode-1 Kannur-1 Kasaragod-8	Negative	Discharged
03.04.2020	9	Thrissur-1 Kannur-1 Kasaragod-7	Negative	Discharged
04.04.2020	11	Kollam-1 Alappuzha-1 Ernakulam-1 Palakkad-1 Kannur-1 Kasaragod-6	Negative	Discharged
05.04.2020	8	Pathanamthitta-1 Kozhikode-5 Kannur-1 Kasaragod-1	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
	patients	Kollam- 1	Status	<u>'</u>
06.04.2020	13	Pathanamthitta- 1 Malappuram - 2 Kasaragod -9	Negative	Discharged
07.04.2020	8	Kollam - 1 Malappuram - 1 Kannur - 2 Kasaragod - 4	Negative	Discharged
08.04.2020	9	Pathanamthitta- 1 Alappuzha - 2 Thrissur - 1 Kannur -4 Kasaragod - 1	Negative	Discharged
09.04.2020	12	Thiruvananthapuram - 1 Kollam -1 Malappuram - 2 Kannur -4 Kasaragod - 4	Negative	Discharged
10.04.2020	7	Malappuram - 2 Kannur - 2 Kasaragod - 3	Negative	Discharged
11.04.2020	10	Kozhikode – 1 Kannur-7 Kasaragod – 2	Negative	Discharged
12.04.2020	2	Kannur-1 Pathanamthitta-1	Negative	Discharged
13.04.2020	3	Palakkad-1 Kannur-2	Negative	Discharged
14.04.2020	8	Kozhikkode-3 Kannur-4 Kasaragod-1	Negative	Discharged
15.04.2020	1	Kannur-1	Negative	Discharged
16.04.2020	7	Kozhikode-2 Kannur-4 Kasaragod-1	Negative	Discharged
17.04.2020	1	Kozhikode-1	Negative	Discharged
18.04.2020	4	Kannur-3 Kozhikode-1	Negative	Discharged
19.04.2020	2	Kannur-1 Kasaragod-1	Negative	Discharged
20.04.2020	6	Kannur-6	Negative	Discharged
21.04.2020	19	Kollam-1 Palakkad-4 Malappuram-1 Kannur-10 Kasaragod-3	Negative	Discharged
22.04.2020	11	Kottayam-1 Kozhikode-2 Kannur-7	Negative Positive	Discharged
23.04.2020	10	Malappuram-1 Thiruvananthapuram - 1 Kollam-1 Kottayam-2 Idukki-4 Kozhikode-2	Negative	Expired  Discharged
24.04.2020	3	Kasaragod-3	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
25.04.2020	7	Kollam-3 Kottayam-3 Kannur-1	Negative	Discharged
26.04.2020	11	Idukki-6   Kottayam-5	Negative	Discharged
27.04.2020	13	Kottayam-6  dukki-4  Malappuram-1  Palakkad-1  Kannur-1	Negative	Discharged
28.04.2020	4	Kannur-3 Kasaragod-1	Negative	Discharged
29.04.2020	10	Thiruvananthapuram-2 Kollam-6 Kasaragod- 2 (Kannur native)	Negative	Discharged
30.04.2020	2	Malappuram-1 Kasaragod-1	Negative	Discharged
02.05.2020	2	Wayanad-1 Kannur-1	Negative	Discharged
05.05.2020	3	Wayanad-3	Negative	Discharged
08.05.2020	1	Ernakulam-1	Negative	Discharged
09.05.2020	2	Malappuram -1 Malappuram -1	Positive Negative	Under treatment
10.05.2020	7	Malappuram-1 Ernakulam-1 Thrissur-2 Wayanad-3	Positive Negative	Under treatment  Discharged
11.05.2020	7	Palakkad-1 Malappuram-1 Wayanad-1	Positive Negative	Under treatment  Discharged
12.05.2020	5	Kasaragod-4 Pathanamthitta -1 Kottayam-1 Malappuram-3	Negative	Discharged
		Palakkad-2	Positive	Under treatment
13.05.2020	10	Kottayam-1 Malappuram-3 Kozhikode-1 Wayanad-2 Kannur- 1	Negative	Discharged
44.05.00-5		Kasaragod-1 Malappuram-2 Palakkad-1 Kannur-2 Kozhikode-1	Positive	Under treatment
14.05.2020	26	Idukki-1 Pathanamthitta-1 Palakkad-2 Malappuram-3 Wayanad-3 Kasaragod-9	Negative	Discharged
15.05.2020	16	Alappuzha-1 Kozhikode-1 Palakkad-1	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Kollam-1 Alappuzha-1 Malappuram-4 Kozhikode-1 Wayanad-5 Kasaragod-1	Negative	Discharged
16.05.2020	11	Thrissur- 3 Palakkad-2 Malappuram-1	Positive	Under treatment
		Thrissur- 1 Malappuram-1 Kozhikode-3	Negative	Discharged
17.05.2020	14	Malappuram -1 Kozhikode -1 Kannur-1 Palakkad -2 Kollam-1 Ernakulam-1 Thrissur -1 Kasaragod -1	Positive	Under treatment
		Malappuram -3 Kozhikode -1 Kannur-1	Negative	Discharged
		Kollam-3(Thiruvananthapuram-1) Thrissur-1 Thiruvananthapuram-2 Kannur-2 Kozhikode-2 Alappuzha-1 Kottayam-1 Palakkad-1	Positive	Under treatment
		Pathanamthitta-1	Positive	Expired
18.05.2020	29	Thiruvananthapuram-1 Kollam-3 Pathanamthitta-1 Alappuzha-1 Kottayam-1 Ernakulam-1 Thrissur-3 Malappuram-1 Kannur-1 Kasaragod-2 Kannur-5	Negative	Discharged
19.05.2020	12	Malappuram-3 Pathanamthitta-1 Alappuzha-1 Thrissur-1 Palakkad-1	Positive	Under treatment
20.05.2020	24	Palakkad-6 Malappuram-3 Kannur-2 Thiruvananthapuram-2 Pathanamthitta-1 Alappuzha-1	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Pathanamthitta-1 Ernakulam-1 Thrissur-2 Palakkad-1 Malappuram-1 Kozhikode-1 Kasaragod-1	Negative	Discharged
		Kannur-1	Positive	Expired
21.05.2020	24	Malappuram-2 Kannur-4 Kottayam-1 Thrissur-2 Thiruvananthapuram-2 Kollam-1 Alappuzha-2 Idukki-1 Palakkad-1 Kasaragod-1	Positive	Under treatment
		Kollam-1 Kottayam-2 Thrissur-1 Malappuram-3	Negative	
		Kannur-7 Kasaragod-6 Palakkad-4 Kozhikode-3 Malappuram-3 Kottayam-2 Kollam-1	Positive	Under treatment
22.05.2020	42	Pathanamthitta-1 Thrissur-3 Palakkad-1 Malappuram-1 Kozhikode-3 Kannur-5 Thrissur-1	Negative	Discharged
		Wayanad-1	Positive	Expired
23.05.2020	62	Palakkad-12 Kannur-9 Malappuram-4 Alappuzha-4 Kozhikode-2 Kasaragod-3 Kollam- 3(Thiruvananthapuram-1) Wayanad-1	Positive	Under treatment
		Alappuzha-1 Kottayam-2 Palakkad-7 Malappuram-4 Kozhikode-2 Kannur-7 Kasaragod-1	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
24.05.2020	53	Thiruvananthapuram-9 Kannur-9 Malappuram-2 Kasaragod-1 Alappuzha-4 Ernakulam- 2 Palakkad-1(Thrissur-1) Kollam-3 Pathanamthitta-1	Positive	Under treatment
21.00.2020	33	Thiruvananthapuram-3 Pathanamthitta-1 Ernakulam-2 Palakkad-3(Thrissur-1) Malappuram-3 Kozhikode-1 Kannur-3 Kasaragod-4 Tamilnadu-1	Negative	
		Kasaragod-11 Kannur-6 Thiruvananthapuram-3 Palakkad-4 Kozhikode-2 Pathanamthitta-3 Kollam-2	Positive	Under treatment
25.05.2020	49	Thiruvananthapuram-2 Alappuzha-3 Kottayam-2 Idukki-1 Palakkad- Kozhikode-2 Kannur-4 Kasaragod-3	Negative	
26.05.2020	67	Palakkad-11 Kannur-8 Kottayam-1 Ernakulam-5 Malappuram-4 Kollam-4 Thrissur-1 Alappuzha-2 Kasaragod-3	Positive	Under treatment
		Alappuzha-1 Kottayam-5 Thrissur-3 Palakkad-18 Malappuram-1	Negative	
27.05.2020	40	Kasaragod-5 Palakkad-4 Alappuzha-7 Kollam-4 Pathanamthitta-2 Wayanad-3 Ernakulam-2 Kannur-1 Kozhikode-1	Positive	Under treatment  Expired
		MOZIMOGO I	1 001470	

Date	No. of patients	District	Present Status	Remarks
		Pathanamthitta-1 Palakkad-4 Kozhikode-1 Kasaragod-5	Negative	
28.05.2020	84	Kasaragod-13 Palakkad-11 Kannur-9 Malappuram-7 Thiruvananthapuram-5 Thrissur-7 Kozhikode-5 Pathanamthitta-6 Kottayam-1 Kollam-1 Alappuzha-1 Idukki-1	Positive	Under treatment
		Thiruvananthapuram-2 Kottayam-2 Palakkad-5 Kozhikode-1 Kannur-1 Kasaragod-5	Negative	
	1	Malappuram-1 Telengana-1	Positive	Expired
29.05.2020	62	Palakkad-10 Kannur-4 Thrissur-6 Thiruvananthapuram-3 Pathanamthitta-5 Malappuram-4 Ernakulam-4(Thrissur native-1) Kasaragod-3 Alappuzha-3 Kollam-1 Wayanad-2 Kottayam-1 Idukki-1 Kozhikode-1 Others-2	Positive	Under treatment
		Thiruvananthapuram-2 Kollam-1 Malappuram-1 Kannur-3 Kasaragod-1	Negative	
30.05.2020	58	Kannur-3 Thrissur-10 Palakkad-13 Kollam-4 Idukki-4 Ernakulam-3 Kozhikode-3 Kasaragod-3 Thiruvananthapuram-1 Alappuzha-1 Kottayam-1 Others-7 Alappuzha-1	Positive	Under treatment  Expired

Date	No. of patients	District	Present Status	Remarks
		Thiruvananthapuram-1 Ernakulam-1 Kozhikode-1 Kannur-5	Negative	
31.05.2020	61	Palakkad-12 Kasaragod-10 Kannur-7 Kollam-6 Alappuzha-6 Thiruvananthapuram-4 Pathanamthitta-4 Thrissur-3 Malappuram-3 Wayanad-3 Kozhikode-2	Positive	Under treatment
		Ernakulam-1	Negative	
01.06.2020	57	Malappuram-14 Kasaragod-14 Thrissur-9 Kollam-5 Pathanamthitta-4 Thiruvananthapuram-3 Ernakulam-2 Alappuzha-2 Palakkad-2 Idukki-1	Positive	Under treatment
		Ernakulam-1	Negative	
02.06.2020	86	Malappuram-15 Alappuzha-10 Kasaragod-9 Kollam-8 Thiruvananthapuram-6 Kottayam-6 Thrissur-6 Wayanad-6 Palakkad-5 Kozhikode-5 Kannur-5 Ernakulam-2 Pathanamthitta-1	Positive	Under treatment
		Thiruvananthapuram-1	Positive	Expired
03.06.2020	82	Ernakulam-1 Thiruvananthapuram-14 Malappuram-11 Idukki-9 Kottayam-8 Alappuzha-7 Kozhikode-7 Kollam-4 Ernakulam-5 Palakkad-5 Thrissur-4 Kasaragod-3 Pathanamthitta-2 Kannur-2	Negative Positive	Under treatment
		Kollam-1	Negative	

Pathanamthitta-14 Kasaragod-12 Kollam-10 Kozhikode-10 Alappuzha-8 Malappuram-7 Palakkad-6 Kannur-6 Thiruvananthapuram-5 (Alappuzha-1) Kottayam-5 Thrissur-4 (Palakkad-1) Emakulam-2 Wayanad-2 Kollam-1 Palakkad-39 Malappuram-18 Pathanamthitta-11 Emakulam-10 (Tribuvananthapuram-1, Perbanamthita-1) Thrissur-8 Thiruvananthapuram-5 Alappuzha-5 Kozhikode-4 Idukki-3 Kollam-2 Kotlawa-1 Wayanad-3 Kasaragod-1 Palakkad-1 (Tamilnadu native) Kollam-19 Thrisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Emakulam-3 Kottayam-2	Date	No. of patients	District	Present Status	Remarks
Palakkad-1 Malappuram-1 Palakkad-39 Malappuram-18 Pathanamthitta-11 Ernakulam-10 (Thiruvananthapuram-1, Pothanamthitta-1) Thrissur-8 Thiruvananthapuram-5 Kozhikode-4 Idukki-3 Kollam-2 Kottayam-1 Wayanad-3 Kasaragod-1 Palakkad-1 (Tamilnadu native) Fositive Travelled back Kollam-19 Thrisiur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3 Ernakulam-3	04.06.2020	94	Kasaragod-12 Kollam-10 Kozhikode-10 Alappuzha-8 Malappuram-7 Palakkad-6 Kannur-6 Thiruvananthapuram-5 (Alappuzha-1) Kottayam-5 Thrissur-4 (Palakkad-1) Ernakulam-2 Wayanad-2	Positive	Under treatment
Malappuram-18 Pathanamthitta-11 Ernakulam-10 (Thiruvananthapuram-1, Pathanamthitta-1) Thrissur-8 Thiruvananthapuram-5 Alappuzha-5 Kozhikode-4 Idukki-3 Kollam-2 Kottayam-1 Wayanad-3 Kasaragod-1 Palakkad-1 (Tamilnadu native) Positive  Travelled back  Kollam-19 Thriisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3  Malappuram-1, Positive Under treatment  Positive Under treatment			Palakkad-1 Malappuram-1	Positive	Expired
Kollam-19 Thriisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3	05.06.2020	111	Malappuram-18 Pathanamthitta-11 Ernakulam-10 (Thiruvananthapuram-1, Pathanamthitta-1) Thrissur-8 Thiruvananthapuram-5 Alappuzha-5 Kozhikode-4 Idukki-3 Kollam-2 Kottayam-1 Wayanad-3		Under treatment
Thriisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3				Positive	Travelled back
	06.06.2020	108	Thriisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3	Positive	Under treatment

<sup>• 1807</sup> persons have been tested positive till date since the outbreak in Kerala.

<sup>• 1029</sup> persons are currently under treatment.

Annexure 3: District wise distribution based on hospital admission

District	No. of positive cases admitted	Other Districts
Thiruvanathapuram	74	Kollam-7, Pathanamthitta-1, Ernakulam-1, Alappuzha-2
Kollam	72	
Pathanamthitta	59	
Alappuzha	66	
Kottayam	33	Thiruvanathapuram-1, Pathanamthitta-3
Idukki	22	
Ernakulam	48	Kollam-1, Alappuzha-2, Palakkad-1, Thrissur-4, Uttar Pradhesh -1, Malappuram-1, Thiruvanathapuram-1, Pathanamthitta-1, Kottayam -1, Coast guard-4, Sailors in private ship-3
Thrissur	77	Palakkad-3, Kollam-1, Malappuram-1
Palakkad	160	Thrissur-2, Malappuram-1
Malappuram	120	Thiruvanathapuram-1, ldukki-1, Thrissur-1, Palakkad-2, Air India cabin crew-1, Pathanamthitta-1, Alappuzha-1
Kozhikode	56	Thrissur-1, Malappuram-1, Kasaragod-2, Kannur2, Wayanad-2
Wayanad	16	
Kannur	127	Ernakulam -1,Kozhikode-2, Kasaragod-10, Alappuzha-1, Thrissur-1
Kasaragod	99	
Total	1029	

### Annexure 4: Details of Death

SI No	District	Age	Date of Arrival	Date of Result	Date of Death	Travel history	Remarks
1	Ernakulam	69	16-03-2020	22-3-2020	28-3-2020	Import	Comorbidity present
2	Trivandrum	68		29-03-2020	31-3-2020	Contact	Comorbidity present
3	Malappuram	4 months		22-4-2020	24-4-2020	Contact	Comorbidity present
4	Thrissur	73	19-05-2020	22-05-2020	21-5-2020	Import	Brought dead, Comorbidity present
5	Wayanad	53	20-05-2020	22-05-2020	24-5.2020	Import	Comorbidity present
6	Kannur	62		20-05-2020	25-5-2020	Contact	Comorbidity present
7	Thiruvanathapuram	68	22-05-2020	28-05-2020	27-05-2020	Import	Telangana native, Comorbidity present
8	Pathanamthitta	65		18-05-2020	29-05-2020	Import	Comorbidity present
9	Alappuzha	39	26-05-2020	30-05-2020	29-05-2020	Import	Comorbidity present
10	Kozhikode	55	20-05-2020	27-05-2020	31-05-2020	import	Comorbidity present
11	Thiruvanathapuram	77		02-06-2020	02-06-2020	Nil	Comorbidity present
12	Palakkad	73	22-05-2020	04-06-2020	02-06-2020	import	Comorbidity present

13	Kozhikode	27	22-05-2020	04-06-2020	02-06-2020	import	Comorbidity present
14	Kollam	65		04-06-2020	31-05-2020	Nil	
15	Malappuram	61	21-05-2020	28-05-2020	06-06-2020	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	M	arch	A	pril	Till M	lay 3rd	Total
District	Import	Import	Import	Contact	Import	Contact	Import	Contact	Total
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>-1308

Total number of cases with travel history-1165

Total number of cases with history of contact with positive case-143

DISTRICT	May 4th onwar	May 4th onwards till June 06	
DISTRICT	Contact	Import	Total
TVM	6	76	82
KLM	14	75	89
PTA	0	72	72
ALP	1	77	78
KTM	1	45	46
IDK	2	23	25
EKM	2	49	51
TSR	5	92	97
PKD	33	179	212
MPM	14	141	155
KKD	8	64	72
WYD	20	18	38
KNR	26	118	144
KSD	11	136	147
Grand Total	143	1165	1308

**Annexure 6:** Details of Passengers(excluding other State Passengers updated upto 06.06.2020)

Travel	Total passengers	Home quarantined	Institution quarantined	Passengers in isolation	Pregnant	Old age	Children less than 10
Air port	43901	29633	11924	618	3565	978	3761
Sea port	1621	514	1101	6	34	3	24
Check post	117232	109082	7998	152	3591	3183	-
Railway	16540	15217	964	149	-	-	-
Total	1,79,294	1,54,446	21,987	925	7190	4164	3785

# Annexure 7: Hotspots as on 06.06.2020

List o		ents needing special attention (Ms) No. 106/2020/GAD dat	and Containment Zones - 6-6-2020 ed 1-6-2020
SI. No.	District	LSGs needing special attention	Containment Zones
1	Palakkad	Kadampazhipuram	All Wards
2	Palakkad	Karakurishi	6, 7
3	Palakkad	Kottayi	4,9
4	Palakkad	Thrikkadeeri	4, 5, 10
5	Palakkad	Nagalassery	15
6	Palakkad	Sreekrishnapuram	All Wards
7	Palakkad	Ambalappara	All Wards
8	Palakkad	Vellinezhi	4
9	Palakkad	Ottappalam (M)	1, 4, 6, 27, 29, 36
10	Palakkad	Vallappuzha	2, 11
11	Palakkad	Perumatty	1,6
12	Palakkad	Mundoor	10, 16, 18
13	Palakkad	Puthusherry	5, 7, 14, 21
14	Palakkad	Malampuzha	4
15	Palakkad	Chalissery	15
16	Palakkad	Cherupulassery	5, 26
17	Palakkad	Mannarkad (M)	10
18	Palakkad	Chittoor- Thathamangalam	20, 25
19	Palakkad	Polppulli	7
20	Palakkad	Nellay	14
21	Palakkad	Pattithara	9
22	Palakkad	Paruthoor	9
23	Palakkad	Kuzhalmandam	13
24	Palakkad	Vilayur	13
25	Palakkad	PerigottuKurishi	12
26	Palakkad	Tharoor	9
27	Palakkad	Koppam	4, 6, 8
28	Palakkad	Vaniyamkulam	14
29	Palakkad	Anakkara	2, 13

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

DISHA: 0471-2552056, 1056

30	Palakkad	Alanallur	1, 14, 15, 20
31	Palakkad	Kottoppadam	4
32	Palakkad	Palakkad (M)	6, 8, 13, 20, 35
33	Palakkad	Thachampara	5, 6
34	Palakkad	Pattambi	6
35	Palakkad	Pallassana	15
36	Palakkad	Puthunagaram	9, 10, 12
37	Palakkad	Akathethara	2, 3
38	Palakkad	Marutharoad	10
39	Palakkad	Elappally	7
40	Palakkad	Puthupariyaram	20
41	Palakkad	Kannadi	2
42	Palakkad	Vandazhi	9, 10
43	Palakkad	Vadakkancheri	8
44	Palakkad	Pookkottukavu	7
45	Palakkad	Thenkara	8
46	Palakkad	Pirayiri	11, 12
47	Palakkad	Kollengode	4
48	Kannur	Maloor	9
49	Kannur	Kannur (C)	Ayikara Fish Market
50	Kannur	Chokli	2, 8, 9
51	Kannur	Panoor (M)	1, 31, 32
52	Kannur	Payyannur (M)	13
53	Kannur	Kottayam Malabar	2, 4, 5, 9, 12, 14
54	Kannur	Chembilode	1
55	Kannur	Pattiam	9, 10, 12, 13
56	Kannur	Mattannur (M)	7, 19, 28
57	Kannur	Mayyil	1
58	Kannur	Dharmadam	All Wards
59	Kannur	Kanichar	12
60	Kannur	Peralassery	5
61	Kannur	Panniyannur	6, 10
62	Kannur	Pinarayi	8
63	Kannur	Cherupuzha	14
64	Kannur	Kannapuram	1, 14
65	Kannur	Munderi	8, 15
66	Kannur	Muzhappilangad	All Wards
67	Kannur	Thalasherry (M)	37, 47
68	Kannur	Alakode	5
69	Kannur	Iritty (M)	9
70	Kannur	Thillankery	8
71	Kannur	Anthoor (M)	2,5
72	Kannur	Sreekandapuram	17
73	Kannur	Mattool	14
74	Kasargode	Paivalige	3, 4, 9

75	Kasargode	Kallar	4
76	Kasargode	Kasargod (M)	4, 9, 22, 23
77	Kasargode	KodomBelur	14
78	Kasargode	Vorkady	1, 2
79	Kasargode	Meenja	2, 7
80	Kasargode	Mangalpady	2, 6, 9, 11, 20
81	Kasargode	Madhur	1, 7, 25, 28
82	Kasargode	Uduma	9
83	Kasargode	Manjeshwar	11
84	Kasargode	Kumbala	6, 7
85	Kasargode	Badiadkka	2, 13
86	Kasargode	Pilicode	8
87	Kasargode	Cheruvathur	9, 24
88	Kasargode	Padanna	7
89	Kasargode	East Eleri	16
90	Kozhikode	Azhiyur	13
91	Kozhikode	Onchiyum	14
92	Kozhikode	Thuneri	All Wards
93	Kozhikode	Purameri	All Wards
94	Kozhikode	Nadapuram	All Wards
95	Kozhikode	Kunnummel	All Wards
96	Kozhikode	Kuttiyadi	All Wards
97	Kozhikode	Valayam	All Wards
98	Kozhikode	Vadakara (M)	40, 45, 46
99	Kozhikode	Mavoor	All Wards
100	Kozhikode	Olavanna	All Wards
101	Thiruvananthapuram	Navaikulam	3, 4, 13
102	Thiruvananthapuram	Nellanad	All Wards
103	Thiruvananthapuram	Kulathur	9, 10, 11, 12, 13, 14
104	Thiruvananthapuram	Pullampara	All Wards
105	Thiruvananthapuram	Pulimath	All Wards
106	Thiruvananthapuram	Karode	14, 15
107	Thiruvananthapuram	Mudakkal	All Wards
108	Thiruvananthapuram	Vamanapuram	All Wards
109	Thiruvananthapuram	Manickkal	All Wards
110	Kollam	Kalluvathukkal	20, 21, 22, 23
111	Kollam	Panmana	10, 11
112	Kollam	Punalur (M)	12
113	Kollam	Adichanallur	15, 17
114	Kollam	Kollam (C)	1, 2, 3, 4, 5, 34 to 41, 54, Shakthikulangara Harbour
115	Kollam	Anchal	All Wards
116	Kollam	Yeroor	All Wards
117	Kollam	Kadaykkal	All Wards
118	Kollam	Kulathooppuzha	No containment zone

119	Kollam	Aryankavu	No containment zone
120	Kollam	Thenmala	No containment zone
121	Kollam	Neendakara	Neendakara Harbour
122	Kottayam	Koruthode	2
123	Kottayam	Vellavoor	1
124	Kottayam	Meenadom`	13
125	Kottayam	Paippad	12
126	Kottayam	Changanasherry (M)	1, 21
127	Kottayam	Madappally	5
128	Wayanad	Muttil	4, 5, 6
129	Wayanad	Bathery (M)	All Wards
130	Wayanad	Meenaghadi	8, 12, 13, 14, 15, 18
131	Wayanad	Thavinjal	8, 9, 10
132	Malappuram	Anakkayam	21
133	Malappuram	Tirurangadi (M)	5, 38
134	Malappuram	Manjeri (M)	5, 6, 7, 9, 12, 14, 16, 33, 45, 46, 50
135	Alappuzha	Pandanad	No containment zone
136	Alappuzha	Chengannur (M)	No containment zone
137	Ernakulam	Cochin (C)	60
138	ldukki	Udumbanchola	8, 11, 12

	Additions on 6-6-2020				
Sl. No.	District	LSGs needing special attention	Containment Zones		
1	Palakkad	Puthupariyaram	20		
2	Palakkad	Kannadi	2		
3	Palakkad	Vandazhi	9, 10		
4	Palakkad	Vadakkancheri	8		
5	Palakkad	Pookkottukavu	7		
6	Palakkad	Thenkara	8		
7	Palakkad	Pirayiri	11, 12		
8	Palakkad	Kollengode	4		
9	Kollam	Neendakara	Neendakara Harbour		
10	Kozhikode	Olavanna	All Wards		

<sup>\*</sup>As per Report from Secretary KSDMA on06.06.2020



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

## www.health.kerala.gov.in

Website:www.dhs.kerala.gov.in En

Email:controlroomdhskerala@gmail.com

Date: 06/06/2020

#### 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.
- Training and IEC videos prepared by the department are available on "Kerala Health Online Training" YouTube channel of the Directorate of Health Services.

#### Guidelines

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

- 1. 2 annexure 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
- 5. Testing guideline with respect to sentinel surveillance, follow up testing for positive cases.G.O.(Rt)No.857/2020/H&FWD
- 6. Detailed advisory regarding home quarantine.G.O.(Rt)No.857/2020/H&FWD

### 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 quarantine, they must be followed up and send for further examination and RT-PCR testing.
- (3) For those persons who cannot follow home quarantine guidelines as published in G.O.(Rt)No.857/2020/H&FWD should be sent for Government Institutional Quarantine or Selected Paid Quarantine Facilities.

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

 183097 persons are placed under surveillance, out of which 181482 are under home/institutional quarantine and 1615 are admitted in designated isolation facilities.

# Sample Testing

- Till date 81517 samples (including augmented samples) have been sent for testing out of which 77517 came as negative.
- Apart from above, 20769 samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which 19597 samples tested negative.

Total Sample Send	Total new sample	Total repeat	Total sentinel
107796	81517	5510	20769

### Test Results

- Total confirmed cases under treatment till yesterday were 973.
- 108 new COVID-19 positive cases have been declared today. Of which 19 are from Kollam, 16 from Thrissur, 12 each from Malappuram and Kannur, 11 from Palakkad, 10 from Kasaragod, 9 from Pathanamthitta, 4 each from Alappuzha and Kozhikode, 3 each from Thiruvananthapuram, Idukki and Ernakulam, and 2 from Kottayam have been declared positive.
- COVID-19 positive patient who was under treatment in Malappuram district expired today.
- Test results of 50 COVID-19 patients under treatment have been declared negative today. Of which 30 are from Palakkad, 7 from Kozhikode (Air India Cabin crew-6), 6 from Ernakulam (Kollam native-2), 5 from Kannur, 1 each from Idukki and Kasaragod have been declared negative.
- A Tamilnadu native who was declared positive yesterday from Palakkad has absconded.
- At present, 1029 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,1107 personnel are working and have given psycho social support calls to 3,52,484 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 9,74,765 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.

# 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	15573	15361	212	33
Kollam	11776	11697	79	12
Pathanamthitta	9292	9227	65	23
ldukki	6908	6880	28	5
Kottayam	11463	11434	29	2
Alappuzha	9328	9244	84	12
Ernakulam	18691	18587	104	17
Thrissur	17299	17199	100	22
Palakkad	17628	17449	179	50
Malappuram	17782	17516	266	50
Kozhikode	15478	15342	136	31
Wayanad	5659	5633	26	4
Kannur	18232	18031	201	20
Kasaragod	7988	7882	106	3
Total	183097	181482	1615	284

# Annexure 2: Chronology of Positive cases

Date	No. of	District	Present	Remarks
	patients	District	Status	
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	Negative	Discharged
		Ernakulam-1 (Kannur native)		2.00.1.0.1900
40.00.000		Kottayam-2		6. 1
10.03.2020	8	Pathanamthitta –4	Negative	Discharged
		Ernakulam -2 (Kannur native) Thrissur -1		
12.03.2020	2	Kannur –1	Negative	Discharged
13.03.2020	3	Thiruvananthapuram -3	Negative	Discharged
10.00.2020		Thiruvananthapuram -1		<u> </u>
15.03.2020	2	Idukki-1	Negative	Discharged
		Malappuram -2	<b>N.</b> 1:	5: 1
16.03.2020	3	Kasaragod-1	Negative	Discharged
19.03.2020	1	Kasaragod-1	Negative	Discharged
		Ernakulam-6 (1 Malappuramnative	_	
20.03.2020	12	)	Negative	Discharged
20.03.2020		Kasaragod-6		
	1.0	Ernakulam-3		5: 1
21.03.2020	12	Kannur-3	Negative	Discharged
		Kasaragod-6 Ernakulam-1		
		Emakulam-1   Malappuram-2		
		Malappulatti-2   Kozhikode-2	Negative	Discharged
	15	Kannur-4	Negative	Discharged
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		
		Ernakulam-1		
24.03.2020	14	Palakkad-1	Negative	Discharged
		Malappuram-1		
		Kozhikode-2		
		Kasaragod-6		
		Pathanamthitta-2		
		Idukki-1		
25.03.2020	9	Ernakulam-3	Negative	Discharged
		Palakkad-2		
		Koznikode-1		
		Kannur-9   Idukki-1		
		Kasaragod-3		
26.03.2020	19	Malappuram-3	Negative	Discharged
		Thrissur-2		
		Wayanad-1		
<u> </u>	<u>l</u>		<u>ı</u>	

Date	No. of patients	District	Present Status	Remarks
27.03.2020	39	Kollam-1 Thrissur-1 Kozhikode-1 Kannur-2 Kasaragod-34	Negative	Discharged
28.03.2020	6	Thiriruvanathapuram-2 Kollam-1 Palakkad-1 Malappuram-1 Kasaragod-1	Negative	Discharged
29.03.2020	20	Ernakulam-1 Thrissur-1 Palakkad-1 Malappuram-1 Kannur-8 Kasaragod-7	Negative	Discharged
		Thiriruvanathapuram-1	Positive	Expired
30.03.2020	32	Idukki-2 Kannur-11 Wayanad-2 Kasaragod-17	Negative	Discharged
31.03.2020	7	Thiriruvanathapuram-2 Kollam-1 Thrissur-1 Kannur-1 Kasaragod-2	Negative	Discharged
01.04.2020	24	Thiriruvanathapuram-2 Ernakulam-3 Palakkad-1 Thrissur-2 Malappuram-2 Kannur-2 Kasaragod-12	Negative	Discharged
02.04.2020	21	Thiriruvanathapuram-1 Kollam-2 Pathanamthitta-1 Idukki-5 Thrissur-1 Malappuram-1 Kozhikode-1 Kannur-1 Kasaragod-8	Negative	Discharged
03.04.2020	9	Thrissur-1 Kannur-1 Kasaragod-7	Negative	Discharged
04.04.2020	11	Kollam-1 Alappuzha-1 Ernakulam-1 Palakkad-1 Kannur-1 Kasaragod-6	Negative	Discharged
05.04.2020	8	Pathanamthitta-1 Kozhikode-5 Kannur-1 Kasaragod-1	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
	patients	Kollam- 1	Status	<u>'</u>
06.04.2020	13	Pathanamthitta- 1 Malappuram - 2 Kasaragod -9	Negative	Discharged
07.04.2020	8	Kollam - 1 Malappuram - 1 Kannur - 2 Kasaragod - 4	Negative	Discharged
08.04.2020	9	Pathanamthitta- 1 Alappuzha - 2 Thrissur - 1 Kannur -4 Kasaragod - 1	Negative	Discharged
09.04.2020	12	Thiruvananthapuram - 1 Kollam -1 Malappuram - 2 Kannur -4 Kasaragod - 4	Negative	Discharged
10.04.2020	7	Malappuram - 2 Kannur - 2 Kasaragod - 3	Negative	Discharged
11.04.2020	10	Kozhikode – 1 Kannur-7 Kasaragod – 2	Negative	Discharged
12.04.2020	2	Kannur-1 Pathanamthitta-1	Negative	Discharged
13.04.2020	3	Palakkad-1 Kannur-2	Negative	Discharged
14.04.2020	8	Kozhikkode-3 Kannur-4 Kasaragod-1	Negative	Discharged
15.04.2020	1	Kannur-1	Negative	Discharged
16.04.2020	7	Kozhikode-2 Kannur-4 Kasaragod-1	Negative	Discharged
17.04.2020	1	Kozhikode-1	Negative	Discharged
18.04.2020	4	Kannur-3 Kozhikode-1	Negative	Discharged
19.04.2020	2	Kannur-1 Kasaragod-1	Negative	Discharged
20.04.2020	6	Kannur-6	Negative	Discharged
21.04.2020	19	Kollam-1 Palakkad-4 Malappuram-1 Kannur-10 Kasaragod-3	Negative	Discharged
22.04.2020	11	Kottayam-1 Kozhikode-2 Kannur-7	Negative Positive	Discharged
23.04.2020	10	Malappuram-1 Thiruvananthapuram - 1 Kollam-1 Kottayam-2 Idukki-4 Kozhikode-2	Negative	Expired  Discharged
24.04.2020	3	Kasaragod-3	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
25.04.2020	7	Kollam-3 Kottayam-3 Kannur-1	Negative	Discharged
26.04.2020	11	Idukki-6   Kottayam-5	Negative	Discharged
27.04.2020	13	Kottayam-6  dukki-4  Malappuram-1  Palakkad-1  Kannur-1	Negative	Discharged
28.04.2020	4	Kannur-3 Kasaragod-1	Negative	Discharged
29.04.2020	10	Thiruvananthapuram-2 Kollam-6 Kasaragod- 2 (Kannur native)	Negative	Discharged
30.04.2020	2	Malappuram-1 Kasaragod-1	Negative	Discharged
02.05.2020	2	Wayanad-1 Kannur-1	Negative	Discharged
05.05.2020	3	Wayanad-3	Negative	Discharged
08.05.2020	1	Ernakulam-1	Negative	Discharged
09.05.2020	2	Malappuram -1 Malappuram -1	Positive Negative	Under treatment
10.05.2020	7	Malappuram-1 Ernakulam-1 Thrissur-2 Wayanad-3	Positive Negative	Under treatment  Discharged
11.05.2020	7	Palakkad-1 Malappuram-1 Wayanad-1	Positive Negative	Under treatment  Discharged
12.05.2020	5	Kasaragod-4 Pathanamthitta -1 Kottayam-1 Malappuram-3	Negative	Discharged
		Palakkad-2	Positive	Under treatment
13.05.2020	10	Kottayam-1 Malappuram-3 Kozhikode-1 Wayanad-2 Kannur- 1	Negative	Discharged
44.05.00-5		Kasaragod-1 Malappuram-2 Palakkad-1 Kannur-2 Kozhikode-1	Positive	Under treatment
14.05.2020	26	Idukki-1 Pathanamthitta-1 Palakkad-2 Malappuram-3 Wayanad-3 Kasaragod-9	Negative	Discharged
15.05.2020	16	Alappuzha-1 Kozhikode-1 Palakkad-1	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Kollam-1 Alappuzha-1 Malappuram-4 Kozhikode-1 Wayanad-5 Kasaragod-1	Negative	Discharged
16.05.2020	11	Thrissur- 3 Palakkad-2 Malappuram-1	Positive	Under treatment
		Thrissur- 1 Malappuram-1 Kozhikode-3	Negative	Discharged
17.05.2020	14	Malappuram -1 Kozhikode -1 Kannur-1 Palakkad -2 Kollam-1 Ernakulam-1 Thrissur -1 Kasaragod -1	Positive	Under treatment
		Malappuram -3 Kozhikode -1 Kannur-1	Negative	Discharged
		Kollam-3(Thiruvananthapuram-1) Thrissur-1 Thiruvananthapuram-2 Kannur-2 Kozhikode-2 Alappuzha-1 Kottayam-1 Palakkad-1	Positive	Under treatment
		Pathanamthitta-1	Positive	Expired
18.05.2020	29	Thiruvananthapuram-1 Kollam-3 Pathanamthitta-1 Alappuzha-1 Kottayam-1 Ernakulam-1 Thrissur-3 Malappuram-1 Kannur-1 Kasaragod-2	Negative	Discharged
19.05.2020	12	Kannur-5 Malappuram-3 Pathanamthitta-1 Alappuzha-1 Thrissur-1 Palakkad-1	Positive	Under treatment
20.05.2020	24	Palakkad-6 Malappuram-3 Kannur-2 Thiruvananthapuram-2 Pathanamthitta-1 Alappuzha-1	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Pathanamthitta-1 Ernakulam-1 Thrissur-2 Palakkad-1 Malappuram-1 Kozhikode-1 Kasaragod-1	Negative	Discharged
		Kannur-1	Positive	Expired
21.05.2020	24	Malappuram-2 Kannur-4 Kottayam-1 Thrissur-2 Thiruvananthapuram-2 Kollam-1 Alappuzha-2 Idukki-1 Palakkad-1 Kasaragod-1	Positive	Under treatment
		Kollam-1 Kottayam-2 Thrissur-1 Malappuram-3	Negative	
		Kannur-7 Kasaragod-6 Palakkad-4 Kozhikode-3 Malappuram-3 Kottayam-2 Kollam-1	Positive	Under treatment
22.05.2020	22.05.2020 42	Pathanamthitta-1 Thrissur-3 Palakkad-1 Malappuram-1 Kozhikode-3 Kannur-5 Thrissur-1	Negative	Discharged
		Wayanad-1	Positive	Expired
23.05.2020	62	Palakkad-12 Kannur-9 Malappuram-4 Alappuzha-4 Kozhikode-2 Kasaragod-3 Kollam- 3(Thiruvananthapuram-1) Wayanad-1	Positive	Under treatment
		Alappuzha-1 Kottayam-2 Palakkad-7 Malappuram-4 Kozhikode-2 Kannur-7 Kasaragod-1	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
24.05.2020	53	Thiruvananthapuram-9 Kannur-9 Malappuram-2 Kasaragod-1 Alappuzha-4 Ernakulam- 2 Palakkad-1(Thrissur-1) Kollam-3 Pathanamthitta-1	Positive	Under treatment
21.00.2020	33	Thiruvananthapuram-3 Pathanamthitta-1 Ernakulam-2 Palakkad-3(Thrissur-1) Malappuram-3 Kozhikode-1 Kannur-3 Kasaragod-4 Tamilnadu-1	Negative	
		Kasaragod-11 Kannur-6 Thiruvananthapuram-3 Palakkad-4 Kozhikode-2 Pathanamthitta-3 Kollam-2	Positive	Under treatment
25.05.2020	49	Thiruvananthapuram-2 Alappuzha-3 Kottayam-2 Idukki-1 Palakkad- Kozhikode-2 Kannur-4 Kasaragod-3	Negative	
26.05.2020	67	Palakkad-11 Kannur-8 Kottayam-1 Ernakulam-5 Malappuram-4 Kollam-4 Thrissur-1 Alappuzha-2 Kasaragod-3	Positive	Under treatment
		Alappuzha-1 Kottayam-5 Thrissur-3 Palakkad-18 Malappuram-1	Negative	
27.05.2020	40	Kasaragod-5 Palakkad-4 Alappuzha-7 Kollam-4 Pathanamthitta-2 Wayanad-3 Ernakulam-2 Kannur-1 Kozhikode-1	Positive	Under treatment  Expired
		MOZIMOGO I	1 001470	

Date	No. of patients	District	Present Status	Remarks
		Pathanamthitta-1 Palakkad-4 Kozhikode-1 Kasaragod-5	Negative	
28.05.2020	84	Kasaragod-13 Palakkad-11 Kannur-9 Malappuram-7 Thiruvananthapuram-5 Thrissur-7 Kozhikode-5 Pathanamthitta-6 Kottayam-1 Kollam-1 Alappuzha-1 Idukki-1	Positive	Under treatment
		Thiruvananthapuram-2 Kottayam-2 Palakkad-5 Kozhikode-1 Kannur-1 Kasaragod-5	Negative	
	1	Malappuram-1 Telengana-1	Positive	Expired
29.05.2020	62	Palakkad-10 Kannur-4 Thrissur-6 Thiruvananthapuram-3 Pathanamthitta-5 Malappuram-4 Ernakulam-4(Thrissur native-1) Kasaragod-3 Alappuzha-3 Kollam-1 Wayanad-2 Kottayam-1 Idukki-1 Kozhikode-1 Others-2	Positive	Under treatment
		Thiruvananthapuram-2 Kollam-1 Malappuram-1 Kannur-3 Kasaragod-1	Negative	
30.05.2020	58	Kannur-3 Thrissur-10 Palakkad-13 Kollam-4 Idukki-4 Ernakulam-3 Kozhikode-3 Kasaragod-3 Thiruvananthapuram-1 Alappuzha-1 Kottayam-1 Others-7 Alappuzha-1	Positive	Under treatment  Expired

Date	No. of patients	District	Present Status	Remarks
		Thiruvananthapuram-1 Ernakulam-1 Kozhikode-1 Kannur-5	Negative	
31.05.2020	61	Palakkad-12 Kasaragod-10 Kannur-7 Kollam-6 Alappuzha-6 Thiruvananthapuram-4 Pathanamthitta-4 Thrissur-3 Malappuram-3 Wayanad-3 Kozhikode-2	Positive	Under treatment
		Ernakulam-1	Negative	
01.06.2020	57	Malappuram-14 Kasaragod-14 Thrissur-9 Kollam-5 Pathanamthitta-4 Thiruvananthapuram-3 Ernakulam-2 Alappuzha-2 Palakkad-2 Idukki-1	Positive	Under treatment
		Ernakulam-1	Negative	
02.06.2020	86	Malappuram-15 Alappuzha-10 Kasaragod-9 Kollam-8 Thiruvananthapuram-6 Kottayam-6 Thrissur-6 Wayanad-6 Palakkad-5 Kozhikode-5 Kannur-5 Ernakulam-2 Pathanamthitta-1	Positive	Under treatment
		Thiruvananthapuram-1	Positive	Expired
03.06.2020	82	Ernakulam-1 Thiruvananthapuram-14 Malappuram-11 Idukki-9 Kottayam-8 Alappuzha-7 Kozhikode-7 Kollam-4 Ernakulam-5 Palakkad-5 Thrissur-4 Kasaragod-3 Pathanamthitta-2 Kannur-2	Negative Positive	Under treatment
		Kollam-1	Negative	

Pathanamthitta-14 Kasaragod-12 Kollam-10 Kozhikode-10 Alappuzha-8 Malappuram-7 Palakkad-6 Kannur-6 Thiruvananthapuram-5 (Alappuzha-1) Kottayam-5 Thrissur-4 (Palakkad-1) Emakulam-2 Wayanad-2 Kollam-1 Palakkad-39 Malappuram-18 Pathanamthitta-11 Emakulam-10 (Tribuvananthapuram-1, Perbanamthita-1) Thrissur-8 Thiruvananthapuram-5 Alappuzha-5 Kozhikode-4 Idukki-3 Kollam-2 Kotlawa-1 Wayanad-3 Kasaragod-1 Palakkad-1 (Tamilnadu native) Kollam-19 Thrisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Emakulam-3 Kottayam-2	Date	No. of patients	District	Present Status	Remarks
Palakkad-1 Malappuram-1 Palakkad-39 Malappuram-18 Pathanamthitta-11 Ernakulam-10 (Thiruvananthapuram-1, Pothanamthitta-1) Thrissur-8 Thiruvananthapuram-5 Kozhikode-4 Idukki-3 Kollam-2 Kottayam-1 Wayanad-3 Kasaragod-1 Palakkad-1 (Tamilnadu native) Fositive Travelled back Kollam-19 Thrisiur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3 Ernakulam-3	04.06.2020	94	Kasaragod-12 Kollam-10 Kozhikode-10 Alappuzha-8 Malappuram-7 Palakkad-6 Kannur-6 Thiruvananthapuram-5 (Alappuzha-1) Kottayam-5 Thrissur-4 (Palakkad-1) Ernakulam-2 Wayanad-2	Positive	Under treatment
Malappuram-18 Pathanamthitta-11 Ernakulam-10 (Thiruvananthapuram-1, Pathanamthitta-1) Thrissur-8 Thiruvananthapuram-5 Alappuzha-5 Kozhikode-4 Idukki-3 Kollam-2 Kottayam-1 Wayanad-3 Kasaragod-1 Palakkad-1 (Tamilnadu native) Positive  Travelled back  Kollam-19 Thriisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3  Malappuram-1, Positive Under treatment  Positive Under treatment			Palakkad-1 Malappuram-1	Positive	Expired
Kollam-19 Thriisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3	05.06.2020	111	Malappuram-18 Pathanamthitta-11 Ernakulam-10 (Thiruvananthapuram-1, Pathanamthitta-1) Thrissur-8 Thiruvananthapuram-5 Alappuzha-5 Kozhikode-4 Idukki-3 Kollam-2 Kottayam-1 Wayanad-3		Under treatment
Thriisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3				Positive	Travelled back
	06.06.2020	108	Thriisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3	Positive	Under treatment

<sup>• 1807</sup> persons have been tested positive till date since the outbreak in Kerala.

<sup>• 1029</sup> persons are currently under treatment.

Annexure 3: District wise distribution based on hospital admission

District	No. of positive cases admitted	Other Districts
Thiruvanathapuram	74	Kollam-7, Pathanamthitta-1, Ernakulam-1, Alappuzha-2
Kollam	72	
Pathanamthitta	59	
Alappuzha	66	
Kottayam	33	Thiruvanathapuram-1, Pathanamthitta-3
Idukki	22	
Ernakulam	48	Kollam-1, Alappuzha-2, Palakkad-1, Thrissur-4, Uttar Pradhesh -1, Malappuram-1, Thiruvanathapuram-1, Pathanamthitta-1, Kottayam -1, Coast guard-4, Sailors in private ship-3
Thrissur	77	Palakkad-3, Kollam-1, Malappuram-1
Palakkad	160	Thrissur-2, Malappuram-1
Malappuram	120	Thiruvanathapuram-1, ldukki-1, Thrissur-1, Palakkad-2, Air India cabin crew-1, Pathanamthitta-1, Alappuzha-1
Kozhikode	56	Thrissur-1, Malappuram-1, Kasaragod-2, Kannur2, Wayanad-2
Wayanad	16	
Kannur	127	Ernakulam -1,Kozhikode-2, Kasaragod-10, Alappuzha-1, Thrissur-1
Kasaragod	99	
Total	1029	

### Annexure 4: Details of Death

SI No	District	Age	Date of Arrival	Date of Result	Date of Death	Travel history	Remarks
1	Ernakulam	69	16-03-2020	22-3-2020	28-3-2020	Import	Comorbidity present
2	Trivandrum	68		29-03-2020	31-3-2020	Contact	Comorbidity present
3	Malappuram	4 months		22-4-2020	24-4-2020	Contact	Comorbidity present
4	Thrissur	73	19-05-2020	22-05-2020	21-5-2020	Import	Brought dead, Comorbidity present
5	Wayanad	53	20-05-2020	22-05-2020	24-5.2020	Import	Comorbidity present
6	Kannur	62		20-05-2020	25-5-2020	Contact	Comorbidity present
7	Thiruvanathapuram	68	22-05-2020	28-05-2020	27-05-2020	Import	Telangana native, Comorbidity present
8	Pathanamthitta	65		18-05-2020	29-05-2020	Import	Comorbidity present
9	Alappuzha	39	26-05-2020	30-05-2020	29-05-2020	Import	Comorbidity present
10	Kozhikode	55	20-05-2020	27-05-2020	31-05-2020	import	Comorbidity present
11	Thiruvanathapuram	77		02-06-2020	02-06-2020	Nil	Comorbidity present
12	Palakkad	73	22-05-2020	04-06-2020	02-06-2020	import	Comorbidity present

13	Kozhikode	27	22-05-2020	04-06-2020	02-06-2020	import	Comorbidity present
14	Kollam	65		04-06-2020	31-05-2020	Nil	
15	Malappuram	61	21-05-2020	28-05-2020	06-06-2020	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 March		April		Till May 3rd		Total	
	Import	Import	Import	Contact	Import	Contact	Import	Contact	Total
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>-1308

Total number of cases with travel history-1165

Total number of cases with history of contact with positive case-143

DISTRICT	May 4th onwar		
DISTRICT	Contact	Import	Total
TVM	6	76	82
KLM	14	75	89
PTA	0	72	72
ALP	1	77	78
KTM	1	45	46
IDK	2	23	25
EKM	2	49	51
TSR	5	92	97
PKD	33	179	212
MPM	14	141	155
KKD	8	64	72
WYD	20	18	38
KNR	26	118	144
KSD	11	136	147
Grand Total	143	1165	1308

**Annexure 6:** Details of Passengers(excluding other State Passengers updated upto 06.06.2020)

Travel	Total passengers	Home quarantined	Institution quarantined	Passengers in isolation	Pregnant	Old age	Children less than 10
Air port	43901	29633	11924	618	3565	978	3761
Sea port	1621	514	1101	6	34	3	24
Check post	117232	109082	7998	152	3591	3183	-
Railway	16540	15217	964	149	-	-	-
Total	1,79,294	1,54,446	21,987	925	7190	4164	3785

## Annexure 7: Hotspots as on 06.06.2020

List o	List of Local Self Governments needing special attention and Containment Zones - 6-6-2020 GO (Ms) No. 106/2020/GAD dated 1-6-2020				
SI. No.	District	LSGs needing special attention	Containment Zones		
1	Palakkad	Kadampazhipuram	All Wards		
2	Palakkad	Karakurishi	6, 7		
3	Palakkad	Kottayi	4,9		
4	Palakkad	Thrikkadeeri	4, 5, 10		
5	Palakkad	Nagalassery	15		
6	Palakkad	Sreekrishnapuram	All Wards		
7	Palakkad	Ambalappara	All Wards		
8	Palakkad	Vellinezhi	4		
9	Palakkad	Ottappalam (M)	1, 4, 6, 27, 29, 36		
10	Palakkad	Vallappuzha	2, 11		
11	Palakkad	Perumatty	1,6		
12	Palakkad	Mundoor	10, 16, 18		
13	Palakkad	Puthusherry	5, 7, 14, 21		
14	Palakkad	Malampuzha	4		
15	Palakkad	Chalissery	15		
16	Palakkad	Cherupulassery	5, 26		
17	Palakkad	Mannarkad (M)	10		
18	Palakkad	Chittoor- Thathamangalam	20, 25		
19	Palakkad	Polppulli	7		
20	Palakkad	Nellay	14		
21	Palakkad	Pattithara	9		
22	Palakkad	Paruthoor	9		
23	Palakkad	Kuzhalmandam	13		
24	Palakkad	Vilayur	13		
25	Palakkad	PerigottuKurishi	12		
26	Palakkad	Tharoor	9		
27	Palakkad	Koppam	4, 6, 8		
28	Palakkad	Vaniyamkulam	14		
29	Palakkad	Anakkara	2, 13		

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

DISHA: 0471-2552056, 1056

30	Palakkad	Alanallur	1, 14, 15, 20
31	Palakkad	Kottoppadam	4
32	Palakkad	Palakkad (M)	6, 8, 13, 20, 35
33	Palakkad	Thachampara	5, 6
34	Palakkad	Pattambi	6
35	Palakkad	Pallassana	15
36	Palakkad	Puthunagaram	9, 10, 12
37	Palakkad	Akathethara	2, 3
38	Palakkad	Marutharoad	10
39	Palakkad	Elappally	7
40	Palakkad	Puthupariyaram	20
41	Palakkad	Kannadi	2
42	Palakkad	Vandazhi	9, 10
43	Palakkad	Vadakkancheri	8
44	Palakkad	Pookkottukavu	7
45	Palakkad	Thenkara	8
46	Palakkad	Pirayiri	11, 12
47	Palakkad	Kollengode	4
48	Kannur	Maloor	9
49	Kannur	Kannur (C)	Ayikara Fish Market
50	Kannur	Chokli	2, 8, 9
51	Kannur	Panoor (M)	1, 31, 32
52	Kannur	Payyannur (M)	13
53	Kannur	Kottayam Malabar	2, 4, 5, 9, 12, 14
54	Kannur	Chembilode	1
55	Kannur	Pattiam	9, 10, 12, 13
56	Kannur	Mattannur (M)	7, 19, 28
57	Kannur	Mayyil	1
58	Kannur	Dharmadam	All Wards
59	Kannur	Kanichar	12
60	Kannur	Peralassery	5
61	Kannur	Panniyannur	6, 10
62	Kannur	Pinarayi	8
63	Kannur	Cherupuzha	14
64	Kannur	Kannapuram	1, 14
65	Kannur	Munderi	8, 15
66	Kannur	Muzhappilangad	All Wards
67	Kannur	Thalasherry (M)	37, 47
68	Kannur	Alakode	5
69	Kannur	Iritty (M)	9
70	Kannur	Thillankery	8
71	Kannur	Anthoor (M)	2,5
72	Kannur	Sreekandapuram	17
73	Kannur	Mattool	14
74	Kasargode	Paivalige	3, 4, 9

75	Kasargode	Kallar	4
76	Kasargode	Kasargod (M)	4, 9, 22, 23
77	Kasargode	KodomBelur	14
78	Kasargode	Vorkady	1, 2
79	Kasargode	Meenja	2, 7
80	Kasargode	Mangalpady	2, 6, 9, 11, 20
81	Kasargode	Madhur	1, 7, 25, 28
82	Kasargode	Uduma	9
83	Kasargode	Manjeshwar	11
84	Kasargode	Kumbala	6, 7
85	Kasargode	Badiadkka	2, 13
86	Kasargode	Pilicode	8
87	Kasargode	Cheruvathur	9, 24
88	Kasargode	Padanna	7
89	Kasargode	East Eleri	16
90	Kozhikode	Azhiyur	13
91	Kozhikode	Onchiyum	14
92	Kozhikode	Thuneri	All Wards
93	Kozhikode	Purameri	All Wards
94	Kozhikode	Nadapuram	All Wards
95	Kozhikode	Kunnummel	All Wards
96	Kozhikode	Kuttiyadi	All Wards
97	Kozhikode	Valayam	All Wards
98	Kozhikode	Vadakara (M)	40, 45, 46
99	Kozhikode	Mavoor	All Wards
100	Kozhikode	Olavanna	All Wards
101	Thiruvananthapuram	Navaikulam	3, 4, 13
102	Thiruvananthapuram	Nellanad	All Wards
103	Thiruvananthapuram	Kulathur	9, 10, 11, 12, 13, 14
104	Thiruvananthapuram	Pullampara	All Wards
105	Thiruvananthapuram	Pulimath	All Wards
106	Thiruvananthapuram	Karode	14, 15
107	Thiruvananthapuram	Mudakkal	All Wards
108	Thiruvananthapuram	Vamanapuram	All Wards
109	Thiruvananthapuram	Manickkal	All Wards
110	Kollam	Kalluvathukkal	20, 21, 22, 23
111	Kollam	Panmana	10, 11
112	Kollam	Punalur (M)	12
113	Kollam	Adichanallur	15, 17
114	Kollam	Kollam (C)	1, 2, 3, 4, 5, 34 to 41, 54, Shakthikulangara Harbour
115	Kollam	Anchal	All Wards
116	Kollam	Yeroor	All Wards
117	Kollam	Kadaykkal	All Wards
118	Kollam	Kulathooppuzha	No containment zone

119	Kollam	Aryankavu	No containment zone
120	Kollam	Thenmala	No containment zone
121	Kollam	Neendakara	Neendakara Harbour
122	Kottayam	Koruthode	2
123	Kottayam	Vellavoor	1
124	Kottayam	Meenadom`	13
125	Kottayam	Paippad	12
126	Kottayam	Changanasherry (M)	1, 21
127	Kottayam	Madappally	5
128	Wayanad	Muttil	4, 5, 6
129	Wayanad	Bathery (M)	All Wards
130	Wayanad	Meenaghadi	8, 12, 13, 14, 15, 18
131	Wayanad	Thavinjal	8, 9, 10
132	Malappuram	Anakkayam	21
133	Malappuram	Tirurangadi (M)	5, 38
134	Malappuram	Manjeri (M)	5, 6, 7, 9, 12, 14, 16, 33, 45, 46, 50
135	Alappuzha	Pandanad	No containment zone
136	Alappuzha	Chengannur (M)	No containment zone
137	Ernakulam	Cochin (C)	60
138	ldukki	Udumbanchola	8, 11, 12

	Additions on 6-6-2020					
Sl. No.	District	LSGs needing special attention	Containment Zones			
1	Palakkad	Puthupariyaram	20			
2	Palakkad	Kannadi	2			
3	Palakkad	Vandazhi	9, 10			
4	Palakkad	Vadakkancheri	8			
5	Palakkad	Pookkottukavu	7			
6	Palakkad	Thenkara	8			
7	Palakkad	Pirayiri	11, 12			
8	Palakkad	Kollengode	4			
9	Kollam	Neendakara	Neendakara Harbour			
10	Kozhikode	Olavanna	All Wards			

<sup>\*</sup>As per Report from Secretary KSDMA on06.06.2020



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

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

Website:www.dhs.kerala.gov.in Ema

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Date: 06/06/2020

#### 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.
- Training and IEC videos prepared by the department are available on "Kerala Health Online Training" YouTube channel of the Directorate of Health Services.

#### Guidelines

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

- 1. 2 annexure 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
- 5. Testing guideline with respect to sentinel surveillance, follow up testing for positive cases.G.O.(Rt)No.857/2020/H&FWD
- 6. Detailed advisory regarding home quarantine.G.O.(Rt)No.857/2020/H&FWD

#### 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 quarantine, they must be followed up and send for further examination and RT-PCR testing.
- (3) For those persons who cannot follow home quarantine guidelines as published in G.O.(Rt)No.857/2020/H&FWD should be sent for Government Institutional Quarantine or Selected Paid Quarantine Facilities.

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

 183097 persons are placed under surveillance, out of which 181482 are under home/institutional quarantine and 1615 are admitted in designated isolation facilities.

### Sample Testing

- Till date 81517 samples (including augmented samples) have been sent for testing out of which 77517 came as negative.
- Apart from above, 20769 samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which 19597 samples tested negative.

Total Sample Send	Total new sample	Total repeat	Total sentinel
107796	81517	5510	20769

#### Test Results

- Total confirmed cases under treatment till yesterday were 973.
- 108 new COVID-19 positive cases have been declared today. Of which 19 are from Kollam, 16 from Thrissur, 12 each from Malappuram and Kannur, 11 from Palakkad, 10 from Kasaragod, 9 from Pathanamthitta, 4 each from Alappuzha and Kozhikode, 3 each from Thiruvananthapuram, Idukki and Ernakulam, and 2 from Kottayam have been declared positive.
- COVID-19 positive patient who was under treatment in Malappuram district expired today.
- Test results of 50 COVID-19 patients under treatment have been declared negative today. Of which 30 are from Palakkad, 7 from Kozhikode (Air India Cabin crew-6), 6 from Ernakulam (Kollam native-2), 5 from Kannur, 1 each from Idukki and Kasaragod have been declared negative.
- A Tamilnadu native who was declared positive yesterday from Palakkad has absconded.
- At present, 1029 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,1107 personnel are working and have given psycho social support calls to 3,52,484 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 9,74,765 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.

## 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	15573	15361	212	33
Kollam	11776	11697	79	12
Pathanamthitta	9292	9227	65	23
ldukki	6908	6880	28	5
Kottayam	11463	11434	29	2
Alappuzha	9328	9244	84	12
Ernakulam	18691	18587	104	17
Thrissur	17299	17199	100	22
Palakkad	17628	17449	179	50
Malappuram	17782	17516	266	50
Kozhikode	15478	15342	136	31
Wayanad	5659	5633	26	4
Kannur	18232	18031	201	20
Kasaragod	7988	7882	106	3
Total	183097	181482	1615	284

# Annexure 2: Chronology of Positive cases

Date	No. of	District	Present	Remarks
	patients	District	Status	
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	Negative	Discharged
		Ernakulam-1 (Kannur native)		2.00.1.0.1900
40.00.000		Kottayam-2		6. 1
10.03.2020	8	Pathanamthitta –4	Negative	Discharged
		Ernakulam -2 (Kannur native) Thrissur -1		
12.03.2020	2	Kannur –1	Negative	Discharged
13.03.2020	3	Thiruvananthapuram -3	Negative	Discharged
10.00.2020		Thiruvananthapuram -1		<u> </u>
15.03.2020	2	Idukki-1	Negative	Discharged
		Malappuram -2	N:	5: 1
16.03.2020	3	Kasaragod-1	Negative	Discharged
19.03.2020	1	Kasaragod-1	Negative	Discharged
		Ernakulam-6 (1 Malappuramnative	_	_
20.03.2020	12	)	Negative	Discharged
20.03.2020		Kasaragod-6		
		Ernakulam-3		5: 1
21.03.2020	12	Kannur-3	Negative	Discharged
		Kasaragod-6 Ernakulam-1		
		Emakulam-1   Malappuram-2		
		Malappulatti-2   Kozhikode-2	Negative	Discharged
	15	Kannur-4	Negative	Discharged
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		
		Ernakulam-1		
24.03.2020	14	Palakkad-1	Negative	Discharged
		Malappuram-1		
		Kozhikode-2		
		Kasaragod-6		
		Pathanamthitta-2		
		Idukki-1		
25.03.2020	9	Ernakulam-3	Negative	Discharged
		Palakkad-2		
		Koznikode-1		
		Kannur-9   Idukki-1		
		Kasaragod-3		
26.03.2020	19	Malappuram-3	Negative	Discharged
		Thrissur-2		
		Wayanad-1		
<u> </u>	<u>l</u>		<u>ı</u>	

Date	No. of patients	District	Present Status	Remarks
27.03.2020	39	Kollam-1 Thrissur-1 Kozhikode-1 Kannur-2 Kasaragod-34	Negative	Discharged
28.03.2020	6	Thiriruvanathapuram-2 Kollam-1 Palakkad-1 Malappuram-1 Kasaragod-1	Negative	Discharged
29.03.2020	20	Ernakulam-1 Thrissur-1 Palakkad-1 Malappuram-1 Kannur-8 Kasaragod-7	Negative	Discharged
		Thiriruvanathapuram-1	Positive	Expired
30.03.2020	32	Idukki-2 Kannur-11 Wayanad-2 Kasaragod-17	Negative	Discharged
31.03.2020	7	Thiriruvanathapuram-2 Kollam-1 Thrissur-1 Kannur-1 Kasaragod-2	Negative	Discharged
01.04.2020	24	Thiriruvanathapuram-2 Ernakulam-3 Palakkad-1 Thrissur-2 Malappuram-2 Kannur-2 Kasaragod-12	Negative	Discharged
02.04.2020	21	Thiriruvanathapuram-1 Kollam-2 Pathanamthitta-1 Idukki-5 Thrissur-1 Malappuram-1 Kozhikode-1 Kannur-1 Kasaragod-8	Negative	Discharged
03.04.2020	9	Thrissur-1 Kannur-1 Kasaragod-7	Negative	Discharged
04.04.2020	11	Kollam-1 Alappuzha-1 Ernakulam-1 Palakkad-1 Kannur-1 Kasaragod-6	Negative	Discharged
05.04.2020	8	Pathanamthitta-1 Kozhikode-5 Kannur-1 Kasaragod-1	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
	patients	Kollam- 1	Status	<u>'</u>
06.04.2020	13	Pathanamthitta- 1 Malappuram - 2 Kasaragod -9	Negative	Discharged
07.04.2020	8	Kollam - 1 Malappuram - 1 Kannur - 2 Kasaragod - 4	Negative	Discharged
08.04.2020	9	Pathanamthitta- 1 Alappuzha - 2 Thrissur - 1 Kannur -4 Kasaragod - 1	Negative	Discharged
09.04.2020	12	Thiruvananthapuram - 1 Kollam -1 Malappuram - 2 Kannur -4 Kasaragod - 4	Negative	Discharged
10.04.2020	7	Malappuram - 2 Kannur - 2 Kasaragod - 3	Negative	Discharged
11.04.2020	10	Kozhikode – 1 Kannur-7 Kasaragod – 2	Negative	Discharged
12.04.2020	2	Kannur-1 Pathanamthitta-1	Negative	Discharged
13.04.2020	3	Palakkad-1 Kannur-2	Negative	Discharged
14.04.2020	8	Kozhikkode-3 Kannur-4 Kasaragod-1	Negative	Discharged
15.04.2020	1	Kannur-1	Negative	Discharged
16.04.2020	7	Kozhikode-2 Kannur-4 Kasaragod-1	Negative	Discharged
17.04.2020	1	Kozhikode-1	Negative	Discharged
18.04.2020	4	Kannur-3 Kozhikode-1	Negative	Discharged
19.04.2020	2	Kannur-1 Kasaragod-1	Negative	Discharged
20.04.2020	6	Kannur-6	Negative	Discharged
21.04.2020	19	Kollam-1 Palakkad-4 Malappuram-1 Kannur-10 Kasaragod-3	Negative	Discharged
22.04.2020	11	Kottayam-1 Kozhikode-2 Kannur-7	Negative Positive	Discharged
23.04.2020	10	Malappuram-1 Thiruvananthapuram - 1 Kollam-1 Kottayam-2 Idukki-4 Kozhikode-2	Negative	Expired  Discharged
24.04.2020	3	Kasaragod-3	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
25.04.2020	7	Kollam-3 Kottayam-3 Kannur-1	Negative	Discharged
26.04.2020	11	Idukki-6   Kottayam-5	Negative	Discharged
27.04.2020	13	Kottayam-6  dukki-4  Malappuram-1  Palakkad-1  Kannur-1	Negative	Discharged
28.04.2020	4	Kannur-3 Kasaragod-1	Negative	Discharged
29.04.2020	10	Thiruvananthapuram-2 Kollam-6 Kasaragod- 2 (Kannur native)	Negative	Discharged
30.04.2020	2	Malappuram-1 Kasaragod-1	Negative	Discharged
02.05.2020	2	Wayanad-1 Kannur-1	Negative	Discharged
05.05.2020	3	Wayanad-3	Negative	Discharged
08.05.2020	1	Ernakulam-1	Negative	Discharged
09.05.2020	2	Malappuram -1 Malappuram -1	Positive Negative	Under treatment
10.05.2020	7	Malappuram-1 Ernakulam-1 Thrissur-2 Wayanad-3	Positive Negative	Under treatment  Discharged
11.05.2020	7	Palakkad-1 Malappuram-1 Wayanad-1	Positive Negative	Under treatment  Discharged
12.05.2020	5	Kasaragod-4 Pathanamthitta -1 Kottayam-1 Malappuram-3	Negative	Discharged
		Palakkad-2	Positive	Under treatment
13.05.2020	10	Kottayam-1 Malappuram-3 Kozhikode-1 Wayanad-2 Kannur- 1	Negative	Discharged
44.05.00-5		Kasaragod-1 Malappuram-2 Palakkad-1 Kannur-2 Kozhikode-1	Positive	Under treatment
14.05.2020	26	Idukki-1 Pathanamthitta-1 Palakkad-2 Malappuram-3 Wayanad-3 Kasaragod-9	Negative	Discharged
15.05.2020	16	Alappuzha-1 Kozhikode-1 Palakkad-1	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Kollam-1 Alappuzha-1 Malappuram-4 Kozhikode-1 Wayanad-5 Kasaragod-1	Negative	Discharged
16.05.2020	11	Thrissur- 3 Palakkad-2 Malappuram-1	Positive	Under treatment
		Thrissur- 1 Malappuram-1 Kozhikode-3	Negative	Discharged
17.05.2020	14	Malappuram -1 Kozhikode -1 Kannur-1 Palakkad -2 Kollam-1 Ernakulam-1 Thrissur -1 Kasaragod -1	Positive	Under treatment
		Malappuram -3 Kozhikode -1 Kannur-1	Negative	Discharged
		Kollam-3(Thiruvananthapuram-1) Thrissur-1 Thiruvananthapuram-2 Kannur-2 Kozhikode-2 Alappuzha-1 Kottayam-1 Palakkad-1	Positive	Under treatment
		Pathanamthitta-1	Positive	Expired
18.05.2020	29	Thiruvananthapuram-1 Kollam-3 Pathanamthitta-1 Alappuzha-1 Kottayam-1 Ernakulam-1 Thrissur-3 Malappuram-1 Kannur-1 Kasaragod-2	Negative	Discharged
19.05.2020	12	Kannur-5 Malappuram-3 Pathanamthitta-1 Alappuzha-1 Thrissur-1 Palakkad-1	Positive	Under treatment
20.05.2020	24	Palakkad-6 Malappuram-3 Kannur-2 Thiruvananthapuram-2 Pathanamthitta-1 Alappuzha-1	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Pathanamthitta-1 Ernakulam-1 Thrissur-2 Palakkad-1 Malappuram-1 Kozhikode-1 Kasaragod-1	Negative	Discharged
		Kannur-1	Positive	Expired
21.05.2020	24	Malappuram-2 Kannur-4 Kottayam-1 Thrissur-2 Thiruvananthapuram-2 Kollam-1 Alappuzha-2 Idukki-1 Palakkad-1 Kasaragod-1	Positive	Under treatment
		Kollam-1 Kottayam-2 Thrissur-1 Malappuram-3	Negative	
	42	Kannur-7 Kasaragod-6 Palakkad-4 Kozhikode-3 Malappuram-3 Kottayam-2 Kollam-1	Positive	Under treatment
22.05.2020		Pathanamthitta-1 Thrissur-3 Palakkad-1 Malappuram-1 Kozhikode-3 Kannur-5 Thrissur-1	Negative	Discharged
		Wayanad-1	Positive	Expired
23.05.2020	20 62	Palakkad-12 Kannur-9 Malappuram-4 Alappuzha-4 Kozhikode-2 Kasaragod-3 Kollam- 3(Thiruvananthapuram-1) Wayanad-1	Positive	Under treatment
		Alappuzha-1 Kottayam-2 Palakkad-7 Malappuram-4 Kozhikode-2 Kannur-7 Kasaragod-1	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
24.05.2020	53	Thiruvananthapuram-9 Kannur-9 Malappuram-2 Kasaragod-1 Alappuzha-4 Ernakulam- 2 Palakkad-1(Thrissur-1) Kollam-3 Pathanamthitta-1	Positive	Under treatment
21.00.2020	33	Thiruvananthapuram-3 Pathanamthitta-1 Ernakulam-2 Palakkad-3(Thrissur-1) Malappuram-3 Kozhikode-1 Kannur-3 Kasaragod-4 Tamilnadu-1	Negative	
		Kasaragod-11 Kannur-6 Thiruvananthapuram-3 Palakkad-4 Kozhikode-2 Pathanamthitta-3 Kollam-2	Positive	Under treatment
25.05.2020	49	Thiruvananthapuram-2 Alappuzha-3 Kottayam-2 Idukki-1 Palakkad- Kozhikode-2 Kannur-4 Kasaragod-3	Negative	
26.05.2020	5.2020 67	Palakkad-11 Kannur-8 Kottayam-1 Ernakulam-5 Malappuram-4 Kollam-4 Thrissur-1 Alappuzha-2 Kasaragod-3	Positive	Under treatment
		Alappuzha-1 Kottayam-5 Thrissur-3 Palakkad-18 Malappuram-1	Negative	
27.05.2020	40	Kasaragod-5 Palakkad-4 Alappuzha-7 Kollam-4 Pathanamthitta-2 Wayanad-3 Ernakulam-2 Kannur-1 Kozhikode-1	Positive	Under treatment  Expired
		MOZIMIOGO I	1 001470	

Date	No. of patients	District	Present Status	Remarks
		Pathanamthitta-1 Palakkad-4 Kozhikode-1 Kasaragod-5	Negative	
28.05.2020	84	Kasaragod-13 Palakkad-11 Kannur-9 Malappuram-7 Thiruvananthapuram-5 Thrissur-7 Kozhikode-5 Pathanamthitta-6 Kottayam-1 Kollam-1 Alappuzha-1 Idukki-1	Positive	Under treatment
		Thiruvananthapuram-2 Kottayam-2 Palakkad-5 Kozhikode-1 Kannur-1 Kasaragod-5	Negative	
	1	Malappuram-1 Telengana-1	Positive	Expired
29.05.2020	62	Palakkad-10 Kannur-4 Thrissur-6 Thiruvananthapuram-3 Pathanamthitta-5 Malappuram-4 Ernakulam-4(Thrissur native-1) Kasaragod-3 Alappuzha-3 Kollam-1 Wayanad-2 Kottayam-1 Idukki-1 Kozhikode-1 Others-2	Positive	Under treatment
		Thiruvananthapuram-2 Kollam-1 Malappuram-1 Kannur-3 Kasaragod-1	Negative	
30.05.2020	58	Kannur-3 Thrissur-10 Palakkad-13 Kollam-4 Idukki-4 Ernakulam-3 Kozhikode-3 Kasaragod-3 Thiruvananthapuram-1 Alappuzha-1 Kottayam-1 Others-7 Alappuzha-1	Positive	Under treatment  Expired

Date	No. of patients	District	Present Status	Remarks
		Thiruvananthapuram-1 Ernakulam-1 Kozhikode-1 Kannur-5	Negative	
31.05.2020 61		Palakkad-12 Kasaragod-10 Kannur-7 Kollam-6 Alappuzha-6 Thiruvananthapuram-4 Pathanamthitta-4 Thrissur-3 Malappuram-3 Wayanad-3 Kozhikode-2	Positive	Under treatment
		Ernakulam-1	Negative	
01.06.2020	57	Malappuram-14 Kasaragod-14 Thrissur-9 Kollam-5 Pathanamthitta-4 Thiruvananthapuram-3 Ernakulam-2 Alappuzha-2 Palakkad-2 Idukki-1	Positive	Under treatment
		Ernakulam-1	Negative	
02.06.2020 86		Malappuram-15 Alappuzha-10 Kasaragod-9 Kollam-8 Thiruvananthapuram-6 Kottayam-6 Thrissur-6 Wayanad-6 Palakkad-5 Kozhikode-5 Kannur-5 Ernakulam-2 Pathanamthitta-1	Positive	Under treatment
		Thiruvananthapuram-1	Positive	Expired
03.06.2020	82	Ernakulam-1 Thiruvananthapuram-14 Malappuram-11 Idukki-9 Kottayam-8 Alappuzha-7 Kozhikode-7 Kollam-4 Ernakulam-5 Palakkad-5 Thrissur-4 Kasaragod-3 Pathanamthitta-2 Kannur-2	Negative Positive	Under treatment
		Kollam-1	Negative	

Pathanamthitta-14 Kasaragod-12 Kollam-10 Kozhikode-10 Alappuzha-8 Malappuram-7 Palakkad-6 Kannur-6 Thiruvananthapuram-5 (Alappuzha-1) Kottayam-5 Thrissur-4 (Palakkad-1) Emakulam-2 Wayanad-2 Kollam-1 Palakkad-39 Malappuram-18 Pathanamthitta-11 Emakulam-10 (Tribuvananthapuram-1, Perbanamthita-1) Thrissur-8 Thiruvananthapuram-5 Alappuzha-5 Kozhikode-4 Idukki-3 Kollam-2 Kotlawa-1 Wayanad-3 Kasaragod-1 Palakkad-1 (Tamilnadu native) Kollam-19 Thrisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Emakulam-3 Kottayam-2	Date	No. of patients	District	Present Status	Remarks
Palakkad-1 Malappuram-1 Palakkad-39 Malappuram-18 Pathanamthitta-11 Ernakulam-10 (Thiruvananthapuram-1, Pothanamthitta-1) Thrissur-8 Thiruvananthapuram-5 Kozhikode-4 Idukki-3 Kollam-2 Kottayam-1 Wayanad-3 Kasaragod-1 Palakkad-1 (Tamilnadu native) Fositive Travelled back Kollam-19 Thrisiur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3 Ernakulam-3	04.06.2020	94	Kasaragod-12 Kollam-10 Kozhikode-10 Alappuzha-8 Malappuram-7 Palakkad-6 Kannur-6 Thiruvananthapuram-5 (Alappuzha-1) Kottayam-5 Thrissur-4 (Palakkad-1) Ernakulam-2 Wayanad-2	Positive	Under treatment
Malappuram-18 Pathanamthitta-11 Ernakulam-10 (Thiruvananthapuram-1, Pathanamthitta-1) Thrissur-8 Thiruvananthapuram-5 Alappuzha-5 Kozhikode-4 Idukki-3 Kollam-2 Kottayam-1 Wayanad-3 Kasaragod-1 Palakkad-1 (Tamilnadu native) Positive  Travelled back  Kollam-19 Thriisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3  Malappuram-1, Positive Under treatment  Positive Under treatment			Palakkad-1 Malappuram-1	Positive	Expired
Kollam-19 Thriisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3	05.06.2020	111	Malappuram-18 Pathanamthitta-11 Ernakulam-10 (Thiruvananthapuram-1, Pathanamthitta-1) Thrissur-8 Thiruvananthapuram-5 Alappuzha-5 Kozhikode-4 Idukki-3 Kollam-2 Kottayam-1 Wayanad-3		Under treatment
Thriisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3				Positive	Travelled back
	06.06.2020	108	Thriisur-16 Malappuram-12 Kannur-12 Palakkad-11 Kasaragod-10 Pathanamthitta-9 Alappuzha-4 Kozhikode-4 Thiruvananthapuram-3 Idukki-3 Ernakulam-3	Positive	Under treatment

<sup>• 1807</sup> persons have been tested positive till date since the outbreak in Kerala.

<sup>• 1029</sup> persons are currently under treatment.

Annexure 3: District wise distribution based on hospital admission

District	No. of positive cases admitted	Other Districts
Thiruvanathapuram	74	Kollam-7, Pathanamthitta-1, Ernakulam-1, Alappuzha-2
Kollam	72	
Pathanamthitta	59	
Alappuzha	66	
Kottayam	33	Thiruvanathapuram-1, Pathanamthitta-3
Idukki	22	
Ernakulam	48	Kollam-1, Alappuzha-2, Palakkad-1, Thrissur-4, Uttar Pradhesh -1, Malappuram-1, Thiruvanathapuram-1, Pathanamthitta-1, Kottayam -1, Coast guard-4, Sailors in private ship-3
Thrissur	77	Palakkad-3, Kollam-1, Malappuram-1
Palakkad	160	Thrissur-2, Malappuram-1
Malappuram	120	Thiruvanathapuram-1, ldukki-1, Thrissur-1, Palakkad-2, Air India cabin crew-1, Pathanamthitta-1, Alappuzha-1
Kozhikode	56	Thrissur-1, Malappuram-1, Kasaragod-2, Kannur2, Wayanad-2
Wayanad	16	
Kannur	127	Ernakulam -1,Kozhikode-2, Kasaragod-10, Alappuzha-1, Thrissur-1
Kasaragod	99	
Total	1029	

#### Annexure 4: Details of Death

SI No	District	Age	Date of Arrival	Date of Result	Date of Death	Travel history	Remarks
1	Ernakulam	69	16-03-2020	22-3-2020	28-3-2020	Import	Comorbidity present
2	Trivandrum	68		29-03-2020	31-3-2020	Contact	Comorbidity present
3	Malappuram	4 months		22-4-2020	24-4-2020	Contact	Comorbidity present
4	Thrissur	73	19-05-2020	22-05-2020	21-5-2020	Import	Brought dead, Comorbidity present
5	Wayanad	53	20-05-2020	22-05-2020	24-5.2020	Import	Comorbidity present
6	Kannur	62		20-05-2020	25-5-2020	Contact	Comorbidity present
7	Thiruvanathapuram	68	22-05-2020	28-05-2020	27-05-2020	Import	Telangana native, Comorbidity present
8	Pathanamthitta	65		18-05-2020	29-05-2020	Import	Comorbidity present
9	Alappuzha	39	26-05-2020	30-05-2020	29-05-2020	Import	Comorbidity present
10	Kozhikode	55	20-05-2020	27-05-2020	31-05-2020	import	Comorbidity present
11	Thiruvanathapuram	77		02-06-2020	02-06-2020	Nil	Comorbidity present
12	Palakkad	73	22-05-2020	04-06-2020	02-06-2020	import	Comorbidity present

13	Kozhikode	27	22-05-2020	04-06-2020	02-06-2020	import	Comorbidity present
14	Kollam	65		04-06-2020	31-05-2020	Nil	
15	Malappuram	61	21-05-2020	28-05-2020	06-06-2020	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	M	arch	A	pril	Till M	lay 3rd	Total
District	Import	Import	Import	Contact	Import	Contact	Import	Contact	Total
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>-1308

Total number of cases with travel history-1165

Total number of cases with history of contact with positive case-143

DISTRICT	May 4th onwar	ds till June 06	
DISTRICT	Contact	Import	Total
TVM	6	76	82
KLM	14	75	89
PTA	0	72	72
ALP	1	77	78
KTM	1	45	46
IDK	2	23	25
EKM	2	49	51
TSR	5	92	97
PKD	33	179	212
MPM	14	141	155
KKD	8	64	72
WYD	20	18	38
KNR	26	118	144
KSD	11	136	147
Grand Total	143	1165	1308

**Annexure 6:** Details of Passengers(excluding other State Passengers updated upto 06.06.2020)

Travel	Total passengers	Home quarantined	Institution quarantined	Passengers in isolation	Pregnant	Old age	Children less than 10
Air port	43901	29633	11924	618	3565	978	3761
Sea port	1621	514	1101	6	34	3	24
Check post	117232	109082	7998	152	3591	3183	-
Railway	16540	15217	964	149	-	-	-
Total	1,79,294	1,54,446	21,987	925	7190	4164	3785

## Annexure 7: Hotspots as on 06.06.2020

List of Local Self Governments needing special attention and Containment Zones - 6-6-2020 GO (Ms) No. 106/2020/GAD dated 1-6-2020				
SI. No.	District	LSGs needing special attention	Containment Zones	
1	Palakkad	Kadampazhipuram	All Wards	
2	Palakkad	Karakurishi	6, 7	
3	Palakkad	Kottayi	4,9	
4	Palakkad	Thrikkadeeri	4, 5, 10	
5	Palakkad	Nagalassery	15	
6	Palakkad	Sreekrishnapuram	All Wards	
7	Palakkad	Ambalappara	All Wards	
8	Palakkad	Vellinezhi	4	
9	Palakkad	Ottappalam (M)	1, 4, 6, 27, 29, 36	
10	Palakkad	Vallappuzha	2, 11	
11	Palakkad	Perumatty	1,6	
12	Palakkad	Mundoor	10, 16, 18	
13	Palakkad	Puthusherry	5, 7, 14, 21	
14	Palakkad	Malampuzha	4	
15	Palakkad	Chalissery	15	
16	Palakkad	Cherupulassery	5, 26	
17	Palakkad	Mannarkad (M)	10	
18	Palakkad	Chittoor- Thathamangalam	20, 25	
19	Palakkad	Polppulli	7	
20	Palakkad	Nellay	14	
21	Palakkad	Pattithara	9	
22	Palakkad	Paruthoor	9	
23	Palakkad	Kuzhalmandam	13	
24	Palakkad	Vilayur	13	
25	Palakkad	PerigottuKurishi	12	
26	Palakkad	Tharoor	9	
27	Palakkad	Koppam	4, 6, 8	
28	Palakkad	Vaniyamkulam	14	
29	Palakkad	Anakkara	2, 13	

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

DISHA: 0471-2552056, 1056

30	Palakkad	Alanallur	1, 14, 15, 20	
31	Palakkad	Kottoppadam	4	
32	Palakkad	Palakkad (M)	6, 8, 13, 20, 35	
33	Palakkad	Thachampara	5, 6	
34	Palakkad	Pattambi	6	
35	Palakkad	Pallassana	15	
36	Palakkad	Puthunagaram	9, 10, 12	
37	Palakkad	Akathethara	2, 3	
38	Palakkad	Marutharoad	10	
39	Palakkad	Elappally	7	
40	Palakkad	Puthupariyaram	20	
41	Palakkad	Kannadi	2	
42	Palakkad	Vandazhi	9, 10	
43	Palakkad	Vadakkancheri	8	
44	Palakkad	Pookkottukavu	7	
45	Palakkad	Thenkara	8	
46	Palakkad	Pirayiri	11, 12	
47	Palakkad	Kollengode	4	
48	Kannur	Maloor	9	
49	Kannur	Kannur (C)	Ayikara Fish Market	
50	Kannur	Chokli	2, 8, 9	
51	Kannur	Panoor (M)	1, 31, 32	
52	Kannur	Payyannur (M)	13	
53	Kannur	Kottayam Malabar	2, 4, 5, 9, 12, 14	
54	Kannur	Chembilode	1	
55	Kannur	Pattiam	9, 10, 12, 13	
56	Kannur	Mattannur (M)	7, 19, 28	
57	Kannur	Mayyil	1	
58	Kannur	Dharmadam	All Wards	
59	Kannur	Kanichar	12	
60	Kannur	Peralassery	5	
61	Kannur	Panniyannur	6, 10	
62	Kannur	Pinarayi	8	
63	Kannur	Cherupuzha	14	
64	Kannur	Kannapuram	1, 14	
65	Kannur	Munderi	8, 15	
66	Kannur	Muzhappilangad	All Wards	
67	Kannur	Thalasherry (M)	37, 47	
68	Kannur	Alakode	5	
69	Kannur	Iritty (M)	9	
70	Kannur	Thillankery	8	
71	Kannur	Anthoor (M)	2, 5	
72	Kannur	Sreekandapuram	17	
73	Kannur	Mattool	14	
74	Kasargode	Paivalige	3, 4, 9	

75	Kasargode	Kallar	4	
76	Kasargode	Kasargod (M)	4, 9, 22, 23	
77	Kasargode	KodomBelur	14	
78	Kasargode	Vorkady	1, 2	
79	Kasargode	Meenja	2,7	
80	Kasargode	Mangalpady	2, 6, 9, 11, 20	
81	Kasargode	Madhur	1, 7, 25, 28	
82	Kasargode	Uduma	9	
83	Kasargode	Manjeshwar	11	
84	Kasargode	Kumbala	6, 7	
85	Kasargode	Badiadkka	2, 13	
86	Kasargode	Pilicode	8	
87	Kasargode	Cheruvathur	9, 24	
88	Kasargode	Padanna	7	
89	Kasargode	East Eleri	16	
90	Kozhikode	Azhiyur	13	
91	Kozhikode	Onchiyum	14	
92	Kozhikode	Thuneri	All Wards	
93	Kozhikode	Purameri	All Wards	
94	Kozhikode	Nadapuram	All Wards	
95	Kozhikode	Kunnummel	All Wards	
96	Kozhikode	Kuttiyadi	All Wards	
97	Kozhikode	Valayam	All Wards	
98	Kozhikode	Vadakara (M)	40, 45, 46	
99	Kozhikode	Mavoor	All Wards	
100	Kozhikode	Olavanna	All Wards	
101	Thiruvananthapuram	Navaikulam	3, 4, 13	
102	Thiruvananthapuram	Nellanad	All Wards	
103	Thiruvananthapuram	Kulathur	9, 10, 11, 12, 13, 14	
104	Thiruvananthapuram	Pullampara	All Wards	
105	Thiruvananthapuram	Pulimath	All Wards	
106	Thiruvananthapuram	Karode	14, 15	
107	Thiruvananthapuram	Mudakkal	All Wards	
108	Thiruvananthapuram	Vamanapuram	All Wards	
109	Thiruvananthapuram	Manickkal	All Wards	
110	Kollam	Kalluvathukkal	20, 21, 22, 23	
111	Kollam	Panmana	10, 11	
112	Kollam	Punalur (M)	12	
113	Kollam	Adichanallur	15, 17	
114	Kollam	Kollam (C)	1, 2, 3, 4, 5, 34 to 41, 54, Shakthikulangara Harbour	
115	Kollam	Anchal	All Wards	
116	Kollam	Yeroor	All Wards	
117	Kollam	Kadaykkal	All Wards	
118	Kollam	Kulathooppuzha	No containment zone	

119	Kollam	Aryankavu	No containment zone	
120	Kollam	Thenmala	No containment zone	
121	Kollam	Neendakara	Neendakara Harbour	
122	Kottayam	Koruthode	2	
123	Kottayam	Vellavoor	1	
124	Kottayam	Meenadom`	13	
125	Kottayam	Paippad	12	
126	Kottayam	Changanasherry (M)	1, 21	
127	Kottayam	Madappally	5	
128	Wayanad	Muttil	4, 5, 6	
129	Wayanad	Bathery (M)	All Wards	
130	Wayanad	Meenaghadi	8, 12, 13, 14, 15, 18	
131	Wayanad	Thavinjal	8, 9, 10	
132	Malappuram	Anakkayam	21	
133	Malappuram	Tirurangadi (M)	5, 38	
134	Malappuram	Manjeri (M)	5, 6, 7, 9, 12, 14, 16, 33, 45, 46, 50	
135	Alappuzha	Pandanad	No containment zone	
136	Alappuzha	Chengannur (M)	No containment zone	
137	Ernakulam	Cochin (C)	60	
138	ldukki	Udumbanchola	8, 11, 12	

Additions on 6-6-2020			
Sl. No.	District	LSGs needing special attention	Containment Zones
1	Palakkad	Puthupariyaram	20
2	Palakkad	Kannadi	2
3	Palakkad	Vandazhi	9, 10
4	Palakkad	Vadakkancheri	8
5	Palakkad	Pookkottukavu	7
6	Palakkad	Thenkara	8
7	Palakkad	Pirayiri	11, 12
8	Palakkad	Kollengode	4
9	Kollam	Neendakara	Neendakara Harbour
10	Kozhikode	Olavanna	All Wards

<sup>\*</sup>As per Report from Secretary KSDMA on06.06.2020