



**COVID-19 OUTBREAK CONTROL AND PREVENTION STATE CELL
HEALTH & FAMILY WELFARE DEPARTMENT
GOVT. OF KERALA
www.health.kerala.gov.in**

www.dhs.kerala.gov.in

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Date: 24/06/2020

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, 2020 for 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 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
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 14 days 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.

Call Centre: 0471-2309250, 2309251, 2309252, 2309253, 2309254, 2309255
DISHA: 0471-2552056, 1056

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

- **154759** persons are placed under surveillance, out of which **152477** are under home/institutional quarantine and **2282** are admitted in designated isolation facilities.

Sample Testing

- Till date **148827** samples (including repeat and private lab samples) have been sent for testing out of which results of **4005** are pending.
- Apart from above, **40537** samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which **39113** samples tested negative.
- **1193** samples have been tested from 3 districts Ernakulam, Thrissur and Palakkad by ICMR in Kerala as part of ICMR Sero-surveillance study, out of which **4** samples turned IgG positive indicating past infection.

Total Sample Send	Total routine sample	Augmented	sentinel	pooled sentinel	CB NAAT	True NAAT
197567	148827	3128	4414	36123	1582	2200

Test Results

- Total confirmed cases under treatment till yesterday were **1620**.
- **152 new COVID-19** positive cases have been declared today. Of which 25 are from Pathanamthitta, 18 from Kollam, 17 from Kannur, 16 from Palakkad, 15 each from Alappuzha and Thrissur, 10 from Malappuram, 8 from Ernakulam, 7 from Kottayam, 6 each Alappuzha, from Idukki and Kasaragod, 4 from Thiruvananthapuram, 3 from Kozhikode and 2 from Wayanad have been declared positive.
- Test results of **81 COVID-19** patients under treatment have been declared negative today. Of which 35 are from Kozhikode (Kannur-2), 13 from Alappuzha, 10 from Kannur (Kasaragod-3, Alappuzha-1, Malappuram-1), 7 from Malappuram (Thrissur-1), 4 each from Ernakulam and Thrissur, 3 from Kottayam, 2 from Idukki, 1 each from Kollam Pathanamthitta and Palakkad have been declared negative.
- At present **1691 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 26th 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.
- 'Ottakalla oppamundu' For providing Psycho Social Support, 1143 Mental Health Personnel including Psychiatrists, Psychiatric Social Workers, Clinical Psychologists, and Counsellors are working and have given psycho social support calls to 4,91,983 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 11,57,2661 Psycho Social Support and Counselling Calls have been given to all such categories till date.
- 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	17478	17307	171	33
Kollam	8624	8448	176	11
Pathanamthitta	5325	5168	157	41
Idukki	4389	4329	60	7
Kottayam	7903	7814	89	7
Alappuzha	7016	6874	142	20
Ernakulam	13152	12963	189	28
Thrissur	15620	15471	149	18
Palakkad	10006	9791	215	29
Malappuram	22510	22169	341	25
Kozhikode	15567	15344	223	37
Wayanad	3631	3600	31	3
Kannur	18074	17841	233	28
Kasaragod	5464	5358	106	1
Total	154759	152477	2282	288

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 Idukki-1	Negative	Discharged
16.03.2020	3	Malappuram -2 Kasaragod-1	Negative	Discharged
19.03.2020	1	Kasaragod-1	Negative	Discharged
20.03.2020	12	Ernakulam- 6 (1 Malappuram native) Kasaragod-6	Negative	Discharged
21.03.2020	12	Ernakulam-3 Kannur-3 Kasaragod-6	Negative	Discharged
22.03.2020	15	Ernakulam-1 Malappuram-2 Kozhikode-2 Kannur-4	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Kasaragod-5		
		Ernakulam-1	Positive	Expired
23.03.2020	28	Pathanamthitta-1 Ernakulam-2 Thrissur-1 Kannur-5 Kasaragod-19	Negative	Discharged
24.03.2020	14	Thiruvananthapuram-1 Alappuzha-1 Kottayam-1 Ernakulam-1 Palakkad-1 Malappuram-1 Kozhikode-2 Kasaragod-6	Negative	Discharged
25.03.2020	9	Pathanamthitta-2 Idukki-1 Ernakulam-3 Palakkad-2 Kozhikode-1	Negative	Discharged
26.03.2020	19	Kannur-9 Idukki-1 Kasaragod-3 Malappuram-3 Thrissur-2 Wayanad-1	Negative	Discharged
27.03.2020	39	Kollam-1 Thrissur-1 Kozhikode-1 Kannur-2 Kasaragod-34	Negative	Discharged
28.03.2020	6	Thiruvananthapuram-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
		Thiruvananthapuram-1	Positive	Expired
30.03.2020	32	Idukki-2 Kannur-11 Wayanad-2 Kasaragod-17	Negative	Discharged
31.03.2020	7	Thiruvananthapuram-2 Kollam-1 Thrissur-1 Kannur-1 Kasaragod-2	Negative	Discharged
01.04.2020	24	Thiruvananthapuram-2 Ernakulam-3	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Palakkad-1 Thrissur-2 Malappuram-2 Kannur-2 Kasaragod-12		
02.04.2020	21	Thiruvananthapuram-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
06.04.2020	13	Kollam- 1 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	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Kannur-2		
14.04.2020	8	Kozhikkode-3 Kannur-4 Kasaragod-1	Negative	Discharged
15.04.2020	1	Kannur-1	Negative	Discharged
16.04.2020	7	Kozhikkode-2 Kannur-4 Kasaragod-1	Negative	Discharged
17.04.2020	1	Kozhikkode-1	Negative	Discharged
18.04.2020	4	Kannur-3 Kozhikkode-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 Kozhikkode-2 Kannur-7	Negative	Discharged
		Malappuram-1	Positive	Expired
23.04.2020	10	Thiruvananthapuram - 1 Kollam-1 Kottayam-2 Idukki-4 Kozhikkode-2	Negative	Discharged
24.04.2020	3	Kasaragod-3	Negative	Discharged
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 Idukki-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 -2	Negative	Discharged
10.05.2020	7	Ernakulam-1 Thrissur-2 Malappuram-1	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Wayanad-3		
		Ernakulam-1 Thrissur-2 Wayanad-3	Negative	Discharged
11.05.2020	7	Palakkad-1 Malappuram-1	Positive	Under treatment
		Wayanad-1 Kasaragod-4	Negative	Discharged
12.05.2020	5	Pathanamthitta -1 Kottayam-1 Malappuram-3	Negative	Discharged
		Palakkad-1	Positive	Under treatment
13.05.2020	10	Kottayam-1 Palakkad-1 Malappuram-3 Kozhikode-1 Wayanad-2 Kannur- 1	Negative	Discharged
		Malappuram-2 Kannur-1	Positive	Under treatment
14.05.2020	26	Idukki-1 Pathanamthitta-1 Palakkad-3 Malappuram-3 Wayanad-3 Kozhikode-1 Kannur-1 Kasaragod-10	Negative	Discharged
15.05.2020	16	Kollam-1 Alappuzha-2 Palakkad-1 Malappuram-4 Kozhikode-2 Wayanad-5 Kasaragod-1	Negative	Discharged
		Palakkad-1 Malappuram-1	Positive	Under treatment
16.05.2020	11	Thrissur- 1	Positive	Expired
		Thrissur- 3 Palakkad-1 Malappuram-1 Kozhikode-3	Negative	Discharged
		Malappuram - 1	Positive	Under treatment
17.05.2020	14	Kollam-1 Ernakulam-1 Thrissur -1 Palakkad -2 Malappuram -3 Kozhikode -2 Kannur-2 Kasaragod -1	Negative	Discharged
18.05.2020	29	Kollam-1	Positive	Under treatment
		Pathanamthitta-1	Positive	Expired
		Thiruvananthapuram-3	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Kollam-5 Pathanamthitta-1 Alappuzha-2 Kottayam-2 Ernakulam-1 Thrissur-4 Palakkad-1 Malappuram-1 Kozhikode-2 Kannur-3 Kasaragod-2		
19.05.2020	12	Kannur-1 Malappuram-1 Palakkad-1	Positive	Under treatment
		Pathanamthitta-1 Alappuzha-1 Thrissur-1 Malappuram-2 Kannur-4	Negative	Discharged
20.05.2020	24	Palakkad-2 Malappuram-1 Pathanamthitta-1	Positive	Under treatment
		Thiruvananthapuram-2 Pathanamthitta-1 Alappuzha-1 Ernakulam-1 Thrissur-2 Palakkad-5 Malappuram-3 Kozhikode-1 Kannur-2 Kasaragod-1	Negative	Discharged
		Kannur-1	Positive	Expired
21.05.2020	24	Malappuram-2 Idukki-1 Kasaragod-1	Positive	Under treatment
		Thiruvananthapuram-2 Kollam-2 Alappuzha-2 Kottayam-3 Thrissur-3 Palakkad-1 Malappuram-3 Kannur-4	Negative	Discharged
22.05.2020	42	Kozhikode-1 Kollam-1	Positive	Under treatment
		Pathanamthitta-1 Kottayam-2 Thrissur-3 Palakkad-5 Malappuram-4 Kozhikode-7 Kannur-10 Kasaragod-6	Negative	Discharged
		Thrissur-1	Positive	Expired

Date	No. of patients	District	Present Status	Remarks
		Wayanad-1		
23.05.2020	62	Palakkad-3 Malappuram-2 Alappuzha-1 Kozhikode-2 Kollam- 1	Positive	Under treatment
		Thiruvananthapuram-1 Kollam- 1 Alappuzha-4 Kottayam-2 Palakkad-16 Malappuram-6 Kozhikode-2 Wayanad-1 Kannur-16 Kasaragod-4	Negative	Discharged
24.05.2020	53	Thiruvananthapuram-1 Malappuram-2 Alappuzha-2 Ernakulam- 2 Kollam-1	Positive	Under treatment
		Thiruvananthapuram-11 Kollam-2 Pathanamthitta-2 Alappuzha-2 Ernakulam-2 Palakkad-4 (Thrissur-1) Malappuram-3 Kozhikode-1 Kannur-12 Kasaragod-5 Tamilnadu-1	Negative	Discharged
25.05.2020	49	Kasaragod-1 Palakkad-3 Pathanamthitta-1 Kollam-2	Positive	Under treatment
		Thiruvananthapuram-5 Pathanamthitta-2 Alappuzha-3 Kottayam-2 Idukki-1 Palakkad-2 Kozhikode-4 Kannur-10 Kasaragod-12	Negative	Discharged
26.05.2020	67	Palakkad-3 Kannur-1 Ernakulam-2 Malappuram-2 Kollam-1 Kasaragod-2	Positive	Under treatment
		Kollam-3 Alappuzha-3 Kottayam-6 Ernakulam-3	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Thrissur-4 Palakkad-26 Malappuram-3 Kannur-7 Kasaragod-1		
27.05.2020	40	Kasaragod-2 Kollam-1 Pathanamthitta-1 Ernakulam-1	Positive	Under treatment
		Kozhikode-1	Positive	Expired
		Kollam-3 Pathanamthitta-2 Alappuzha-7 Ernakulam-1 Palakkad-8 Kozhikode-1 Wayanad-3 Kannur-1 Kasaragod-8	Negative	Discharged
28.05.2020	84	Kasaragod-5 Kannur-2 Malappuram-4 Thiruvananthapuram-1 Pathanamthitta-5 Alappuzha-1	Positive	Under treatment
		Thiruvananthapuram-6 Kollam-1 Pathanamthitta-1 Kottayam-3 Idukki-1 Thrissur-7 Palakkad-16 Malappuram-3 Kozhikode-6 Kannur-8 Kasaragod-13	Negative	Discharged
	1	Malappuram-1 Telengana-1	Positive	Expired
29.05.2020	62	Palakkad-1 Thrissur-1 Pathanamthitta-1 Malappuram-1 Ernakulam-1 Kollam-1 Wayanad-1 Idukki-1	Positive	Under treatment
		Thiruvananthapuram-5 Kollam-1 Pathanamthitta-4 Alappuzha-3 Kottayam-1 Thrissur-5 Ernakulam-3 (Thrissur native-1) Palakkad-13 Malappuram-4	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Kozhikode-1 Wayanad-1 Kannur-7 Kasaragod-4 Others-2		
30.05.2020	58	Thrissur-2 Palakkad-7 Kollam-2 Idukki-2 Kannur-4 Kasaragod-1 Thiruvananthapuram-1 Alappuzha-1 Kottayam-1	Positive	Under treatment
		Alappuzha-1	Positive	Expired
		Thiruvananthapuram-1 Kollam-2 Idukki-2 Ernakulam-4 Thrissur-8 Palakkad-6 Kozhikode-4 Kannur-4 Kasaragod-2 Others-7	Negative	Discharged
31.05.2020	61	Palakkad-1 Kasaragod-6 Kannur-2 Kollam-2 Alappuzha-2 Pathanamthitta-1 Malappuram-1 Wayanad-2	Positive	Under treatment
		Thiruvananthapuram-4 Kollam-4 Pathanamthitta-3 Alappuzha-4 Ernakulam-2 Thrissur-3 Palakkad-11 Malappuram-2 Wayanad-1 Kozhikode-2 Kannur-5 Kasaragod-4	Negative	Discharged
01.06.2020	57	Malappuram-4 Kasaragod-6 Thrissur-2 Pathanamthitta-3 Thiruvananthapuram-1 Ernakulam-1 Alappuzha-1 Idukki-1	Positive	Under treatment
		Thiruvananthapuram-6 Kollam-5	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Pathanamthitta-1 Alappuzha-1 Ernakulam-2 Thrissur-7 Palakkad-1 Malappuram-10 Kasaragod-8		
02.06.2020	86	Malappuram-3 Alappuzha-2 Kasaragod-4 Kollam-2 Thiruvananthapuram-1 Kottayam-2 Wayanad-3 Palakkad-1 Pathanamthitta-1	Positive	Under treatment
		Thiruvananthapuram-1	Positive	Expired
		Thiruvananthapuram-6 Kollam-6 Alappuzha-8 Kottayam-4 Ernakulam-3 Thrissur-6 Palakkad-5 Malappuram-13 Kozhikode-5 Wayanad-3 Kannur-2 Kasaragod-4	Negative	Discharged
03.06.2020	82	Thiruvananthapuram-2 Malappuram-2 Idukki-4 Alappuzha-1 Kollam-1 Ernakulam-3 Palakkad-2 Thrissur-1 Kasaragod-2	Positive	Under treatment
		Thiruvananthapuram-12 Kollam-4 Pathanamthitta-2 Alappuzha-6 Kottayam-8 Idukki-5 Ernakulam-2 Thrissur-3 Palakkad-3 Kozhikode-7 Malappuram-9 Kannur-2 Kasaragod-1	Negative	Discharged
04.06.2020	94	Pathanamthitta-9 Kasaragod-5 Kollam-2 Kozhikode-3	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Alappuzha-2 Malappuram-3 Palakkad-2 Kannur-4 Thiruvananthapuram-1 (Alappuzha-1) Thrissur-1 (Palakkad-1) Ernakulam-1		
		Kollam-1 Palakkad-1 Malappuram-1	Positive	Expired
		Thiruvananthapuram-4 Kollam-8 Pathanamthitta-5 Alappuzha-6 Kottayam-5 Ernakulam-1 Thrissur-3 Palakkad-4 Malappuram-4 Kozhikode-7 Wayanad-2 Kannur-2 Kasaragod-7	Negative	Discharged
		Palakkad-4 Malappuram-4 Pathanamthitta-2 Ernakulam-2 Thrissur-1 Thiruvananthapuram-1 Idukki-1 Wayanad-2	Positive	Under treatment
05.06.2020	111	Thiruvananthapuram-4 Kollam-2 Pathanamthitta-9 Alappuzha-5 Kottayam-1 Idukki-2 Ernakulam-8 (Thiruvananthapuram-1, Pathanamthitta-1) Thrissur-7 Palakkad-35 Malappuram-14 Kozhikode-4 Wayanad-1 Kasaragod-1	Negative	Discharged
		Palakkad-1 (Tamilnadu native)	Positive	Travelled back
06.06.2020	108	Kollam-12 Thriiur-10 Malappuram-5 Kannur-6 Palakkad-2 Kasaragod-6 Pathanamthitta-5 Alappuzha-1 Kozhikode-1	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Thiruvananthapuram-1 Idukki-1 Ernakulam-1 Kottayam-1		
		Thiruvananthapuram-2 Kollam-7 Pathanamthitta-4 Alappuzha-3 Idukki-2 Kottayam-1 Ernakulam-3 Thriiur-6 Palakkad-9 Malappuram-7 Kozhikode-3 Kannur-6 Kasaragod-4	Negative	Discharged
07.06.2020	107	Malappuram-15 Thrissur-12 Pathanamthitta-7 Kollam-3 Palakkad-3 Kozhikode-1 Thiruvananthapuram-1 Kottayam-2 Kasaragod-3 Kannur-1 Idukki-1	Positive	Under treatment
		Thiruvananthapuram-3 Kollam-6 Pathanamthitta-6 Alappuzha-7 Kottayam-1 Thrissur-4 Palakkad-3 Malappuram-12 Kozhikode-5 Kannur-1	Negative	Discharged
08.06.2020	91	Thrissur-2 Malappuram-5 Kozhikode-1 Kasaragod-6 Kollam-4 Alappuzha-4 Kannur-3 Pathanamthitta-1 Kottayam-1 Ernakulam-2	Positive	Under treatment
		Thiruvananthapuram-3 Kollam-1 Pathanamthitta-2 Alappuzha-1 Kottayam-2 Ernakulam-1 Thrissur-25	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Palakkad-1 Malappuram-9 Kozhikode-12 Wayanad-2 Kannur-1 Kasaragod-2		
09.06.2020	91	Palakkad-2 Alappuzha-3(Kollam-1) Thiruvananthapuram-3 Kottayam-3 Pathanamthitta-2 Kozhikode-2 Thrissur-3 Malappuram-4 Wayanad-3 Kollam-3 Ernakulam-4 Kasaragod-1	Positive	Under treatment
		Thiruvananthapuram-7 Kollam-2 Pathanamthitta-3 Alappuzha-8 Kottayam-5 Thrissur-4 Palakkad-12 Malappuram-1 Kozhikode-5 Wayanad-3 Kannur-5 Kasaragod-1	Negative	Discharged
10.06.2020	65	Kozhikode-5 Thrissur-2 Malappuram-4 Thiruvananthapuram-4 Palakkad-4 Kollam-3 Idukki-4 Ernakulam-3 Wayanad-3 Kannur-2 Pathanamthitta-1 Kottayam-1	Positive	Under treatment
		Thrissur-1 Kannur-1	Positive	Expired
		Thiruvananthapuram-2 Kollam-1 Pathanamthitta-2 Alappuzha-1 Kottayam-2 Ernakulam-1 Thrissur-6 Palakkad-2 Malappuram-3 Kozhikode-5 Wayanad-1	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Kannur-1		
11.06.2020	83	Thrissur-7 Palakkad-11 Malappuram-3 Kasaragod-8 Kollam-8 Kannur-3 Pathanamthitta-5 Kottayam-1 Ernakulam-2	Positive	Under treatment
		Kottayam-1 Thrissur-18 Palakkad-2 Malappuram-7 Kozhikode-1 Kannur-4 Kasaragod-2		
12.06.2020	78	Thrissur-5 Malappuram-5 Alappuzha-7 Pathanamthitta-6 Ernakulam-4 Palakkad-5 Kollam-4 Kozhikode-1 Kasaragod-3 Kottayam-2 Kannur-1 Idukki-1	Positive	Under treatment
		Kannur-1	Positive	Expired
		Thiruvananthapuram-1 Pathanamthitta-1 Alappuzha-6 Kottayam-1 Ernakulam-1 Thrissur-9 Malappuram-8 Kozhikode-3 Kannur-1 Kasaragod-1	Negative	Discharged
13.06.2020	85	Malappuram -10 Kannur-10 Kozhikode-2 Kasaragod-8 Alappuzha-8 Palakkad-7 Ernakulam-5 Idukki-4 Wayanad-1 Pathanamthitta-1	Positive	Under treatment
		Alappuzha-7 Kottayam-1	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Ernakulam-2 Thrissur-4 Palakkad-1 Malappuram -5 Kozhikode-3 Kannur-4 Kasaragod-1		
14.06.2020	54	Kozhikode-1 Ernakulam-5 Thrissur-2 Palakkad-6 Kasaragod-4 Thiruvananthapuram-2 Kannur-4 Kottayam-3 Malappuram -2 Pathanamthitta-2 Idukki-1 Kollam-1 Wayanad-1	Positive	Under treatment
		Thiruvananthapuram-2 Idukki-1 Ernakulam-2 Thrissur-5 Malappuram -1 Kozhikode-7 Kasaragod-2	Negative	
15.06.2020	82	Ernakulam-10 Pathanamthitta-11 Kottayam-10 Kannur-10 Palakkad-7 Malappuram -6 Kozhikode-4 Alappuzha-5 Kollam-4 Thrissur-1 Kasaragod-3 Idukki-2 Wayanad-1	Positive	Under treatment
		Ernakulam-1	Positive	Went back
		Thiruvananthapuram-1	Positive	Expired
		Ernakulam-2 Thrissur-2 Kozhikode-2	Negative	Discharged
16.06.2020	79	Malappuram-14 Ernakulam-10 Alappuzha-7 Thrissur-7 Kannur-5 Pathanamthitta-6	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Palakkad-6 Thiruvananthapuram-3 Kollam-4 Kottayam-3 (Pathanamthitta-1) Kozhikode-4		
		Kannur-1	Positive	Expired
		Thiruvananthapuram-1 Kottayam-1 Ernakulam-3 Malappuram-1 Kannur-1 Kasaragod-2	Negative	
17.06.2020	75	Kollam-13 Malappuram-11 Kasaragod-8 Thrissur-8 Palakkad-6 Kozhikode-5 Ernakulam-4 Kottayam-3 Kannur-3 Thiruvananthapuram-3 Wayanad-3 Pathanamthitta-1 Alappuzha-1	Positive	Under treatment
		Kollam-1	Positive	Expired
		Kottayam-1 Ernakulam-1 Kozhikode-1 Kannur-1 Kasaragod-1	Negative	
18.06.2020	97	Palakkad-14 Kollam-12 Kottayam-11 Pathanamthitta-11 Alappuzha-9 Idukki-6 Ernakulam-5 Thrissur-6 Thiruvananthapuram-5 Kozhikode-5 Malappuram-4 Kannur-4 Kasaragod-3	Positive	Under treatment
		Kollam-1 Ernakulam-1	Negative	
19.06.2020	118	Malappuram-18 Kollam-17 Alappuzha-13 Ernakulam-11 Palakkad-10 Pathanamthitta-9 Thiruvananthapuram-8 (Kollam-1) Kannur-8	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Kottayam-7 Kozhikode-6 Wayanad-4 Kasaragod-4 Idukki-2 Thrissur-1		
20.06.2020	127	Kollam-24 Palakkad-23 Pathanamthitta-17 Kozhikode-12 Kottayam-11 Kasaragod-7 Thrissur-6 Thiruvananthapuram-5 Malappuram-5 Wayanad-5 Alappuzha-4 Kannur-4 Ernakulam-3 Idukki-1	Positive	Under treatment
21.06.2020	133	Thrissur-16 Palakkad-15 Kollam-13 Idukki-11 Alappuzha-10 Kottayam-10 Malappuram-10 Kozhikode-10 Kannur-10 Thiruvananthapuram-9 Pathanamthitta-8 Kasaragod-6 Ernakulam-5	Positive	Under treatment
22.06.2020	138	Malappuram-17 Palakkad-16 Ernakulam-14 Kollam-13 Kottayam-13 Alappuzha-12 Thrissur-12 Thiruvananthapuram-11 Kasaragod-9 Kozhikode-5 Wayanad-5 Pathanamthitta-4 Idukki-4 Kannur-3	Positive	Under treatment
23.06.2020	141	Pathanamthitta-27 Palakkad-27 Alappuzha-19 Thrissur-14 Ernakulam-13 Malappuram-11 Kottayam-8 Kozhikode-6	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Kannur-6 Thiruvananthapuram-4 Kollam-4 Wayanad-2		
24.06.2020	152	Pathanamthitta-25 Kollam-18 Kannur-17 Palakkad-16 Alappuzha-15 Thrissur-15 Malappuram-10 Ernakulam-8 Kottayam-7 Idukki-6 Kasaragod-6 Thiruvananthapuram-4 Kozhikode-3 Wayanad-2	Positive	Under treatment
<ul style="list-style-type: none"> 3603 persons have been tested positive till date since the outbreak in Kerala. 1691 persons are currently under treatment. 				

Annexure 3: District wise distribution based on hospital admission

District	No. of positive cases admitted	Other Districts
Thiruvananthapuram	75	Kollam-5, Alappuzha-1, Malappuram-1, Palakkad-1
Kollam	164	
Pathanamthitta	171	Alappuzha-1
Alappuzha	118	Pathanamthitta-1
Kottayam	96	Pathanamthitta-3
Idukki	53	
Ernakulam	140	Kollam-4, Alappuzha-3, Palakkad-3, Thrissur-3, Malappuram-1, Kannur-1, Kottayam -4, Kozhikode-1, Others -22
Thrissur	127	
Palakkad	196	Malappuram-1
Malappuram	199	Idukki-1, Thrissur-2, Palakkad-5, Alappuzha-1, Kozhikode-2
Kozhikode	80	Palakkad-1, Wayanad-1
Wayanad	29	
Kannur	135	Kozhikode-2, Kasaragod-12, Thrissur-1, Malappuram-3, Palakkad-1, Ernakulam-1
Kasaragod	108	
Total	1691	

Annexure 4: Details of Death

Sl No	District	Age	Date of Arrival	Date of Result	Date of Death	Travel 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, 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, 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
20	Thiruvananthapuram	67	-	15-06-20	12-06-20	Nil	Comorbidity present
21	Kannur	28	-	16-06-20	18-06-20	Nil	-
22	Kollam	68	10-06-20	17-06-20	23-06-20	Import	Comorbidity present

Annexure 5: Summary of positive cases

Till May 3rd

Total number of cases reported from January 30 till May 3rd-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 3 rd		Total
	Import	Import	Import	Contact	Import	Contact	Import	Contact	
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

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May 4th onwards

Total number of cases reported from May 4th-3104

Total number of cases with travel history-2820

Total number of cases with history of contact with positive case-284

District	May 4 th onwards till June 24		Total
	Contact	Import	
TVM	18	147	165
KLM	20	229	249
PTA	2	230	232
ALP	4	215	219
KTM	6	151	157
IDK	9	60	69
EKM	9	167	176
TSR	51	252	303
PKD	45	364	409
MPM	39	319	358
KKD	12	183	195
WYD	21	53	74
KNR	37	223	260
KSD	11	227	238
Grand Total	284	2820	3104

Annexure 6: Details of Passengers (excluding other State Passengers updated up to 24.06.2020)

Travel	Total passengers	Home quarantined	Institution quarantined	Passengers in isolation	Pregnant	Old age	Children less than 10
Air port	1,16,681	81,830	19,086	982	5367	3690	10,973
Sea port	1621	514	1101	6	34	3	24
Check post	1,66,842	1,59,327	7362	153	5759	5287	-
Railway	37,823	35,851	1461	105	-	-	-
Total	3,22,967	2,77,522	29,010	1246	11,160	8,980	10,997

Annexure 7: Hotspots as on 24.06.2020

List of Local Self Governments needing special attention and Containment Zones - 24-6-2020 GO (Ms) No. 18/2020/DMD dated 17-6-2020			
Sl. No.	District	LSGs needing special attention	Containment Zones
1	Palakkad	Alanallur	20
2	Palakkad	Anakkara	13
3	Palakkad	Cheruppulasherry	27
4	Palakkad	Koppam	4, 6, 8
5	Palakkad	Lakkidi Peroor	9
6	Palakkad	Mannarkad (M)	10
7	Palakkad	Nellay	14
8	Palakkad	Pirayiri	14
9	Palakkad	Pookkottukavu	7
10	Palakkad	Thachampara	5
11	Palakkad	Tharoor	9

12	Palakkad	Thrikkadeeri	10
13	Palakkad	Vallappuzha	2
14	Palakkad	Vilayur	13
15	Kannur	Aalakkod	4 (Sub-ward)
16	Kannur	Chapparappadavu	6 (Sub-ward)
17	Kannur	Chirakkal	23 (Sub-ward)
18	Kannur	Chittaripparamba	13 (Sub-ward)
19	Kannur	Irikkoor	7 (Sub-ward)
20	Kannur	Iritty (M)	9 (Sub-ward)
21	Kannur	Kadannappalli-Panappuzha	3, 9, 10 (Sub-ward)
22	Kannur	Kannur (C)	48, 52 (Sub-wards), 51
23	Kannur	Kankol-Alappadamba	6 (Sub-ward)
24	Kannur	Karumathoor	2 (Sub-ward)
25	Kannur	Keezhhalloor	4 (Sub-ward)
26	Kannur	Kolacherri	5 (Sub-ward)
27	Kannur	Koothuparamba (M)	25 (Sub-ward)
28	Kannur	Kottayam-Malabar	4, 11 (Sub-ward)
29	Kannur	Madai	6, 7 (Sub-ward)
30	Kannur	Maloor	3, 12
31	Kannur	Mangattidam	4 (Sub-ward)
32	Kannur	Mattannur (M)	7
33	Kannur	Mattool	9, 14 (Sub-ward)
34	Kannur	Mokeri	5 (Sub-ward)
35	Kannur	Munderi	8 (Sub-ward)
36	Kannur	Muzhappilangad	13 (Sub-ward)
37	Kannur	Muzhakunnu	All Wards
38	Kannur	Padiyoor	All Wards
39	Kannur	Panoor (M)	31 (Sub-ward)
40	Kannur	Pappinissery	3 (Sub-ward)
41	Kannur	Payyannur (M)	30, 31, 42, 44 (Sub-ward)
42	Kannur	Peralasherry	12 (Sub-ward)
43	Kannur	Peravoor	11
44	Kannur	Ramanthali	11 (Sub-ward)
45	Kannur	Sreekandapuram (M)	26 (Sub-ward)
46	Kannur	Thalashery (M)	14, 18 (Sub-ward)
47	Kannur	Thillankery	All Wards
48	Kannur	Udayagiri	2 (Sub-ward)
49	Kannur	Vengad	1, 3, 12 (Sub-ward)
50	Kasargode	Badiadkka	8, 18
51	Kasargode	Badadkka	8
52	Kasargode	Chemnad	18
53	Kasargode	Chengala	19, 20
54	Kasargode	Cheruvathur	3, 6, 9, 16
55	Kasargode	Kasargod (M)	9, 22
56	Kasargode	Kanhangad	40
57	Kasargode	Karadukka	8, 14
58	Kasargode	Kinanoor Karindalam	6
59	Kasargode	Kodom Belur	1, 7
60	Kasargode	Kumbala	6, 7, 19
61	Kasargode	Madhur	1, 7, 15, 18

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62	Kasargode	Mangalpady	2, 6, 9, 11, 17, 21
63	Kasargode	Manjeshwar	2
64	Kasargode	Meenja	2
65	Kasargode	Muliyar	14
66	Kasargode	Nileshwar	22
67	Kasargode	Padane	6, 7
68	Kasargode	Pallikkara	16, 20
69	Kasargode	Pullur Periya	1
70	Kasargode	Uduma	6, 11
71	Kasargode	Valiyaparamba	12, 13
72	Kollam	Panmana	10, 11
73	Kollam	Punalur (M)	3, 5, 7, 12, 33, 34
74	Kollam	Thrikkovilvattom	6, 7, 9
75	Kollam	Mayyanad	15, 16
76	Kollam	Ittiva	17
77	Kollam	Kalluvathukkal	8, 10, 11, 13
78	Kollam	Kollam (C)	42, 44, 45 (Sub-wards)
79	Kollam	Kulathoopuzha	4 (EMS Colony), 5 (Rose Mala), 6 (Anpath Acer), 7 (Ambalam), 8 (Chozhiyakkod)
80	Kollam	Aryankavu	1 (Achankovil Temple), 2 (Achankovil), 4 (Aryankavu), 5 (Aryankavu Temple)
81	Thrissur	Engandiyur	2, 3, 4, 5, 6
82	Thrissur	Chavakkad (M)	3, 4, 8, 19, 20, 29, 30
83	Thrissur	Thrissur (C)	24, 25, 26, 27, 31, 32, 33
84	Thrissur	Vellankkallur	14, 15
85	Malappuram	Athavanadu	4, 5, 6, 7, 20
86	Malappuram	Thennala	1, 2, 3, 4, 5, 6, 10, 12, 13, 14, 15, 16, 17
87	Malappuram	Tirurangadi (M)	38
88	Malappuram	Kalpakancherry	12
89	Malappuram	Parappanangadi (M)	31
90	Malappuram	Tanur	26, 30, 31
91	Kottayam	Chirakkadavu	13
92	Kottayam	Koruthodu	4
93	Kottayam	Vazhappally	8
94	Kottayam	Ramapuram	8
95	Kottayam	Mutholi	1
96	Kottayam	Thalayazham	12
97	Kottayam	Thrikodithanam	18
98	Idukki	Kumali	14
99	Idukki	Kattappana (M)	5, 8
100	Idukki	Rajakumari	8
101	Thiruvananthapuram	Kattakada	3, 5, 7, 8, 16, 17, 18, 19, 20, 21
102	Thiruvananthapuram	Thiruvananthapuram (C)	55 (Kalady Junction), 70 (Attukal, Iranimuttam), 72 (Manacadu Junction), Chiramukku-Kalady Road
103	Thiruvananthapuram	Karikkakam	91
104	Thiruvananthapuram	Kadakampalli	92
105	Ernakulam	Vengola	12, 17
106	Ernakulam	Sreekmoolanagaram	1, 7, 9, 10, 11, 12
107	Ernakulam	Nayarambalam	2, 15
108	Pathanamthitta	Mallappuzhasserry	5

109	Alappuzha	Alappuzha (M)	50
110	Alappuzha	Pattanakkad	10
111	Alappuzha	Karthikappalli	7
Kannur - Sub-wards as per Orders No. DCKNR/3392/2020/DM-1 dated 23-06-2020 of DDMA			
Kollam - Sub-wards as per Order No DCKLM/1827/2020-DM2 dated 23-6-2020 of DDMA			

LSGs added on 24-6-2020			
Sl. No.	District	LSGs needing special attention	Containment Zones
1	Thiruvananthapuram	Karikkakam	91
2	Thiruvananthapuram	Kadakampalli	92
3	Ernakulam	Sreemoolanagaram	1, 7, 9, 10, 11, 12
4	Malappuram	Tanur	26, 30, 31
5	Kannur	Chirakkal	23
6	Kannur	Chittaripparamba	13
7	Kannur	Karumathoor	2
8	Kannur	Kolacherri	5
9	Kannur	Koothuparamba (M)	25
10	Kannur	Maloor	3, 12
11	Kannur	Mokeri	5
12	Kannur	Peralasherry	12
13	Kannur	Sreekandapuram (M)	26
14	Alappuzha	Alappuzha (M)	50

LSGs deleted due to no containment zone as on 24-6-2020			
Sl. No	District	LSGs needing special attention	Containment Zones
1	Malappuram	Kuruva	9, 10, 11, 12, 13
2	Malappuram	Edappal	7, 8, 9, 10, 11, 17, 18
3	Malappuram	Moorkkanadu	2, 3
4	Malappuram	Vattakkulam	12, 13, 14
5	Kannur	Anthoor (M)	5
6	Kannur	Chembilode	1
7	Kannur	Cherupuzha	14
8	Kannur	Chokli	2, 9
9	Kannur	Dharmadam	13
10	Kannur	Eruvessy	12
11	Kannur	Kanichar	12
12	Kannur	Kannapuram	1
13	Kannur	Naduvil	1
14	Kannur	Panniyannur	6

***As per Report from Secretary KSDMA on 24.06.2020**