



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

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Date: 21/06/2020

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

- **143969** persons are placed under surveillance, out of which **141919** are under home/institutional quarantine and **2050** are admitted in designated isolation facilities.

Sample Testing

- Till date **137475** samples (including repeat and private lab samples) have been sent for testing out of which results of **3460** are pending.
- Apart from above, **38146** samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which **36751** 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
183201	137475	3128	4414	33732	1524	1735

Test Results

- Total confirmed cases under treatment till yesterday were **1450**.
- **133 new COVID-19** positive cases have been declared today. Of which 16 are from Thrissur, 15 from Palakkad, 13 from Kollam, 11 from Idukki, 10 each from Alappuzha, Kottayam, Malappuram, Kozhikode and Kannur, 9 from Thiruvananthapuram, 8 from Pathanamthitta, 6 from Kasaragod and 5 from Ernakulam have been declared positive.
- Test results of **93 COVID-19** patients under treatment have been declared negative today. Of which 37 are from Thrissur, 30 from Malappuram (Thrissur-1, Pathanamthitta-1), 9 from Alappuzha, 5 from Kozhikode (Kannur-1), 4 from Pathanamthitta (Alappuzha-1), 3 from Kottayam, and 2 each from Kannur and Kasaragod and 1 from Palakkad have been declared negative.
- At present **1490 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.
- For providing Psycho Social Support, 1143 personnel are working and have given psycho social support calls to 4,61,982 numbers of persons in quarantine/ isolation. In addition to this, Psychosocial 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 11,18,774 Psychosocial 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	15940	15773	167	47
Kollam	8205	8048	157	31
Pathanamthitta	4865	4739	126	29
Idukki	4315	4268	47	6
Kottayam	8007	7929	78	14
Alappuzha	6830	6719	111	4
Ernakulam	13022	12852	170	20
Thrissur	14750	14618	132	16
Palakkad	9576	9401	175	35
Malappuram	18836	18494	342	46
Kozhikode	14670	14474	196	31
Wayanad	3451	3417	34	8
Kannur	16773	16554	219	32
Kasaragod	4729	4633	96	6
Total	143969	141919	2050	325

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 Kasaragod-5	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		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 Palakkad-1 Thrissur-2	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		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 Kannur-2	Negative	Discharged
14.04.2020	8	Kozhikkode-3 Kannur-4	Negative	Discharged

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Date	No. of patients	District	Present Status	Remarks
		Kasaragod-1		
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	Discharged
		Malappuram-1	Positive	Expired
23.04.2020	10	Thiruvananthapuram - 1 Kollam-1 Kottayam-2 Idukki-4 Kozhikode-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 Wayanad-3	Negative	Discharged
		Ernakulam-1 Thrissur-2	Negative	Discharged

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

Date	No. of patients	District	Present Status	Remarks
		Pathanamthitta-1 Alappuzha-2 Kottayam-1 Ernakulam-1 Thrissur-4 Palakkad-1 Malappuram-1 Kozhikode-1 Kannur-3 Kasaragod-2		
19.05.2020	12	Kannur-1 Malappuram-2 Palakkad-1	Positive	Under treatment
		Pathanamthitta-1 Alappuzha-1 Thrissur-1 Malappuram-1 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	Kannur-3 Kozhikode-1 Kollam-1	Positive	Under treatment
		Pathanamthitta-1 Kottayam-2 Thrissur-3 Palakkad-5 Malappuram-4 Kozhikode-7 Kannur-7 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 Kannur-2 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-10 Kasaragod-5 Tamilnadu-1	Negative	Discharged
25.05.2020	49	Kasaragod-1 Kannur-1 Palakkad-3 Kozhikode-1 Pathanamthitta-1 Kollam-2	Positive	Under treatment
		Thiruvananthapuram-5 Pathanamthitta-2 Alappuzha-3 Kottayam-2 Idukki-1 Palakkad-2 Kozhikode-3 Kannur-9 Kasaragod-12	Negative	Discharged
26.05.2020	67	Palakkad-3 Kannur-1 Ernakulam-4 Malappuram-2 Kollam-1 Kasaragod-2	Positive	Under treatment
		Kollam-3	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Alappuzha-3 Kottayam-6 Ernakulam-1 Thrissur-4 Palakkad-26 Malappuram-3 Kannur-7 Kasaragod-1		
27.05.2020	40	Kasaragod-2 Kollam-1 Pathanamthitta-1 Wayanad-2 Ernakulam-1	Positive	Under treatment
		Kozhikode-1	Positive	Expired
		Kollam-3 Pathanamthitta-2 Alappuzha-7 Ernakulam-1 Palakkad-8 Kozhikode-1 Wayanad-1 Kannur-1 Kasaragod-8	Negative	Discharged
28.05.2020	84	Kasaragod-5 Palakkad-2 Kannur-3 Malappuram-5 Thiruvananthapuram-1 Kozhikode-2 Pathanamthitta-5 Alappuzha-1	Positive	Under treatment
		Thiruvananthapuram-6 Kollam-1 Pathanamthitta-1 Kottayam-3 Idukki-1 Thrissur-7 Palakkad-14 Malappuram-2 Kozhikode-4 Kannur-7 Kasaragod-13	Negative	Discharged
	1	Malappuram-1 Telengana-1	Positive	Expired
29.05.2020	62	Palakkad-2 Thrissur-1 Pathanamthitta-1 Malappuram-1 Ernakulam-1 Kollam-1 Wayanad-1 Kottayam-1 Idukki-1 Others-2	Positive	Under treatment
		Thiruvananthapuram-5	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Kollam-1 Pathanamthitta-4 Alappuzha-3 Thrissur-5 Ernakulam-3 (Thrissur native-1) Palakkad-12 Malappuram-4 Kozhikode-1 Wayanad-1 Kannur-7 Kasaragod-4 Others-2		
30.05.2020	58	Thrissur-3 Palakkad-7 Kollam-2 Idukki-3 Ernakulam-1 Kozhikode-2 Kannur-6 Kasaragod-1 Thiruvananthapuram-1 Alappuzha-1 Kottayam-1	Positive	Under treatment
		Alappuzha-1	Positive	Expired
		Thiruvananthapuram-1 Kollam-2 Idukki-1 Ernakulam-3 Thrissur-7 Palakkad-6 Kozhikode-2 Kannur-2 Kasaragod-2 Others-7	Negative	Discharged
31.05.2020	61	Palakkad-1 Kasaragod-6 Kannur-2 Kollam-2 Alappuzha-3 Pathanamthitta-2 Malappuram-2 Wayanad-2 Kozhikode-1	Positive	Under treatment
		Thiruvananthapuram-4 Kollam-4 Pathanamthitta-2 Alappuzha-2 Ernakulam-2 Thrissur-3 Palakkad-11 Malappuram-1 Wayanad-1 Kozhikode-1 Kannur-5 Kasaragod-4	Negative	Discharged

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

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

Date	No. of patients	District	Present Status	Remarks
		Thrissur-6 Palakkad-33 Malappuram-10 Kozhikode-4 Wayanad-1 Kasaragod-1		
		Palakkad-1 (Tamilnadu native)	Positive	Travelled back
06.06.2020	108	Kollam-12 Thriiur-11 Malappuram-8 Kannur-7 Palakkad-3 Kasaragod-6 Pathanamthitta-5 Alappuzha-1 Kozhikode-4 Thiruvananthapuram-1 Idukki-2 Ernakulam-2 Kottayam-2	Positive	Under treatment
		Thiruvananthapuram-2 Kollam-7 Pathanamthitta-4 Alappuzha-3 Idukki-1 Ernakulam-2 Thriiur-5 Palakkad-8 Malappuram-4 Kannur-5 Kasaragod-4	Negative	Discharged
07.06.2020	107	Malappuram-17 Thrissur-18 Pathanamthitta-8 Kollam-3 Palakkad-4 Kozhikode-4 Thiruvananthapuram-1 Kottayam-3 Kasaragod-3 Kannur-1 Idukki-1	Positive	Under treatment
		Thiruvananthapuram-3 Kollam-6 Pathanamthitta-5 Alappuzha-7 Thrissur-11 Palakkad-2 Malappuram-7 Kozhikode-2 Kannur-1	Negative	Discharged
08.06.2020	91	Thrissur-3 Malappuram-8 Kozhikode-6 Kasaragod-7	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Kollam-4 Alappuzha-5 Kannur-4 Pathanamthitta-1 Kottayam-2 Ernakulam-2 Palakkad-1		
		Thiruvananthapuram-3 Kollam-1 Pathanamthitta-2 Kottayam-1 Ernakulam-1 Thrissur-24 Malappuram-6 Kozhikode-7 Wayanad-2 Kasaragod-1	Negative	Discharged
09.06.2020	91	Palakkad-2 Alappuzha-3(Kollam-1) Thiruvananthapuram-3 Kottayam-6 Pathanamthitta-6 Kozhikode-3 Thrissur-3 Malappuram-5 Wayanad-4 Kollam-3 Kannur-3 Ernakulam-4 Kasaragod-2	Positive	Under treatment
		Thiruvananthapuram-7 Kollam-2 Pathanamthitta-1 Alappuzha-8 Kottayam-2 Thrissur-3 Palakkad-12 Malappuram-1 Kozhikode-4 Wayanad-2 Kannur-2	Negative	Discharged
10.06.2020	65	Kozhikode-6 Thrissur-2 Malappuram-5 Thiruvananthapuram-4 Palakkad-5 Kollam-3 Idukki-4 Ernakulam-4 Wayanad-3 Kannur-3 Pathanamthitta-1 Kottayam-1	Positive	Under treatment
		Thrissur-1 Kannur-1	Positive	Expired

Date	No. of patients	District	Present Status	Remarks
		Thiruvananthapuram-2 Kollam-1 Pathanamthitta-2 Alappuzha-1 Kottayam-2 Thrissur-6 Palakkad-1 Malappuram-2 Kozhikode-4 Wayanad-1	Negative	Discharged
11.06.2020	83	Thrissur-10 Palakkad-13 Malappuram-10 Kasaragod-10 Kollam-8 Kannur-5 Pathanamthitta-5 Kottayam-2 Ernakulam-2 Kozhikode-1	Positive	Under treatment
		Thrissur-15 Kannur-2		
12.06.2020	78	Thrissur-5 Malappuram-14 Alappuzha-13 Pathanamthitta-7 Ernakulam-5 Palakkad-5 Kollam-4 Kozhikode-3 Kasaragod-4 Kottayam-3 Kannur-2 Thiruvananthapuram-1 Idukki-1	Positive	Under treatment
		Kannur-1	Positive	Expired
		Thrissur-9 Kozhikode-1	Negative	Discharged
13.06.2020	85	Malappuram -15 Kannur-12 Kozhikode-10 Kasaragod-8 Alappuzha-8 Palakkad-8 Ernakulam-7 Idukki-4 Thrissur-3 Wayanad-1 Kottayam-1 Pathanamthitta-1	Positive	Under treatment
		Alappuzha-1 Thrissur-1 Kozhikode-2	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Kannur-2 Kasaragod-1		
14.06.2020	54	Kozhikode-7 Ernakulam-7 Thrissur-6 Palakkad-6 Kasaragod-6 Thiruvananthapuram-2 Kannur-4 Kottayam-3 Malappuram -3 Pathanamthitta-2 Idukki-2 Kollam-1 Wayanad-1	Positive	Under treatment
		Thiruvananthapuram-2 Thrissur-1 Kozhikode-1	Negative	
15.06.2020	82	Ernakulam-12 Pathanamthitta-11 Kottayam-10 Kannur-10 Palakkad-7 Malappuram -6 Kozhikode-6 Alappuzha-5 Kollam-4 Thrissur-3 Kasaragod-3 Idukki-2 Wayanad-1	Positive	Under treatment
		Ernakulam-12	Positive	Went back
		Thiruvananthapuram-1	Positive	Expired
16.06.2020	79	Malappuram-15 Ernakulam-13 Alappuzha-7 Thrissur-7 Kannur-6 Pathanamthitta-6 Palakkad-6 Thiruvananthapuram-4 Kollam-4 Kottayam-4 (Pathanamthitta-1) Kozhikode-4 Kasaragod-2	Positive	Under treatment
		Kannur-1	Positive	Expired

Date	No. of patients	District	Present Status	Remarks
17.06.2020	75	Kollam-14 Malappuram-11 Kasaragod-9 Thrissur-8 Palakkad-6 Kozhikode-6 Ernakulam-5 Kottayam-4 Kannur-3 Thiruvananthapuram-3 Wayanad-3 Pathanamthitta-1 Alappuzha-1	Positive	Under treatment
		Kannur-1	Negative	
18.06.2020	97	Palakkad-14 Kollam-13 Kottayam-11 Pathanamthitta-11 Alappuzha-9 Idukki-6 Ernakulam-6 Thrissur-6 Thiruvananthapuram-5 Kozhikode-5 Malappuram-4 Kannur-4 Kasaragod-3	Positive	Under treatment
19.06.2020	118	Malappuram-18 Kollam-17 Alappuzha-13 Ernakulam-11 Palakkad-10 Pathanamthitta-9 Thiruvananthapuram-8 (Kollam-1) Kannur-8 Kottayam-7 Kozhikode-6 Wayanad-4 Kasaragod-4 Idukki-2 Thrissur-1	Positive	Under treatment
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	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Idukki-1		
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
<ul style="list-style-type: none"> 3172 persons have been tested positive till date since the outbreak in Kerala. 1490 persons are currently under treatment. 				

Annexure 3: District wise distribution based on hospital admission

District	No. of positive cases admitted	Other Districts
Thiruvananthapuram	58	Kollam-4, Ernakulam-1, Alappuzha-1, Malappuram-2, Palakkad-1
Kollam	137	
Pathanamthitta	122	
Alappuzha	85	
Kottayam	88	Pathanamthitta-4, Idukki-1
Idukki	47	
Ernakulam	122	Kollam-3, Alappuzha-4, Palakkad-3, Thrissur-3, Malappuram-1, Kannur-1, Kottayam -3, Others -29
Thrissur	105	
Palakkad	149	
Malappuram	210	Idukki-1, Thrissur-3, Palakkad-5, Alappuzha-2, Kozhikode-2
Kozhikode	109	Kannur-2, Palakkad-1, Wayanad-1
Wayanad	23	Kozhikode-1
Kannur	135	Kozhikode-3, Kasaragod-17, Alappuzha-1, Thrissur-2, Malappuram-2, Palakkad-1
Kasaragod	100	
Total	1490	

Annexure 4: Details of Death

SI No	District	Age	Date of Arrival	Date of Result	Date of Death	Travel history	Remarks
1	Ernakulam	69	16-03-20	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	-

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

May 4th onwards

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

DISHA: 0471-2552056, 1056

Total number of cases reported from May 4th-2673

Total number of cases with travel history-2411

Total number of cases with history of contact with positive case-262

District	May 4th onwards till June 21		Total
	Contact	Import	
TVM	17	129	146
KLM	18	196	214
PTA	2	174	176
ALP	3	170	173
KTM	4	125	129
IDK	7	52	59
EKM	6	135	141
TSR	48	214	262
PKD	44	306	350
MPM	36	284	320
KKD	11	170	181
WYD	21	44	65
KNR	34	200	234
KSD	11	212	223
Grand Total	262	2411	2673

Annexure 6: Details of Passengers (excluding other State Passengers updated up to 21.06.2020)

Travel	Total passengers	Home quarantined	Institution quarantined	Passengers in isolation	Pregnant	Old age	Children less than 10
Air port	1,04,071	72,448	18,304	919	4026	1959	5800
Sea port	1621	514	1101	6	34	3	24
Check post	1,59,837	1,52,345	7339	153	4513	4003	-
Railway	35,303	33421	1389	104	-	-	-
Total	3,00,832	2,58,728	28,133	1182	8573	5965	5824

Annexure 7: Hotspots as on 21.06.2020

List of Local Self Governments needing special attention and Containment Zones - 21-6-2020 GO (Ms) No. 18/2020/DMD dated 17-6-2020			
Sl. No.	District	LSGs needing special attention	Containment Zones
1	Palakkad	Alanallur	14, 20
2	Palakkad	Ambalappara	7
3	Palakkad	Anakkara	2, 13
4	Palakkad	Cheruppulasherry	27
5	Palakkad	Elappally	7
6	Palakkad	Koppam	4, 6, 8
7	Palakkad	Kunisherri	8, 9
8	Palakkad	Lakkidi Peroor	9
9	Palakkad	Mannarkad (M)	10
10	Palakkad	Mundoor	4
11	Palakkad	Nellay	14
12	Palakkad	Palakkad (M)	8, 13, 35
13	Palakkad	Pattithara	9
14	Palakkad	Pirayiri	11, 12, 14
15	Palakkad	Pookkottukavu	7
16	Palakkad	Puthusherry	7
17	Palakkad	Thachampara	5
18	Palakkad	Tharoor	9
19	Palakkad	Thrikkadeeri	4, 5, 10
20	Palakkad	Vadakkancheri	8
21	Palakkad	Vallappuzha	2
22	Palakkad	Vilayur	13
23	Kannur	Alakode	1, 4
24	Kannur	Anthoor (M)	5
25	Kannur	Chapparapadavu	6
26	Kannur	Chembilode	1
27	Kannur	Cherupuzha	14
28	Kannur	Chokli	2, 9
29	Kannur	Dharmadam	13
30	Kannur	Eruvessy	12
31	Kannur	Irikkoor	7
32	Kannur	Iritty (M)	4, 9
33	Kannur	Kadannappalli-Panappuzha	3, 9, 10
34	Kannur	Kanichar	12
35	Kannur	Kankol-Alappadamba	6
36	Kannur	Kannapuram	1
37	Kannur	Kannur (C)	5, 11, 45, 46, 47, 48, 49, 50, 51, 52, 53 (Sub-wards vide Order No. DCKNR/3392/2020/DM-1 dated 18-6-2020 of District Collector)
38	Kannur	Keezhallur	4
39	Kannur	Kottayam Malabar	4, 9, 12, 14
40	Kannur	Madai	6
41	Kannur	Mangattidam	4
42	Kannur	Mattannur (M)	7, 19, 31
43	Kannur	Mattool	9, 14
44	Kannur	Munderi	8, 12
45	Kannur	Muzhakunnu	All Wards
46	Kannur	Muzhappilangad	8
47	Kannur	Naduvil	1
48	Kannur	Padiyoor	All Wards
49	Kannur	Panniyannur	6
50	Kannur	Panoor (M)	31, 32, 37
51	Kannur	Pappinissery	3

52	Kannur	Payyannur (M)	30, 44
53	Kannur	Peravoor	11
54	Kannur	Ramanthali	11
55	Kannur	Thalassery (M)	14, 18
56	Kannur	Thillankery	All Wards
57	Kannur	Udayagiri	2
58	Kannur	Vengad	1, 3, 12
59	Kasargode	Badiadkka	8, 18
60	Kasargode	Badadkka	8
61	Kasargode	Chemnad	18
62	Kasargode	Chengala	19, 20
63	Kasargode	Cheruvathur	3, 6, 9, 16
64	Kasargode	Kasargod (M)	9, 22
65	Kasargode	Kanhangad	40
66	Kasargode	Karadukka	8, 14
67	Kasargode	Kinanoor Karindalam	6
68	Kasargode	Kodom Belur	1, 7
69	Kasargode	Kumbala	6, 7, 19
70	Kasargode	Madhur	1, 7, 15, 18
71	Kasargode	Mangalpady	2, 6, 9, 11, 17, 21
72	Kasargode	Manjeshwar	2
73	Kasargode	Meenja	2
74	Kasargode	Muliyar	14
75	Kasargode	Nileshwar	22
76	Kasargode	Padane	6, 7
77	Kasargode	Pallikkara	16, 20
78	Kasargode	Pullur Periya	1
79	Kasargode	Uduma	6, 11
80	Kasargode	Valiyaparamba	12, 13
81	Kollam	Kalluvathukkal	23
82	Kollam	Panmana	10, 11
83	Kollam	Punalur (M)	12
84	Kollam	Thrikkovilvattom	6, 7, 9
85	Kollam	Mayyanad	15, 16
86	Kollam	Ittiva	17
87	Kollam	Kalluvathukkal	8, 10, 11, 13
88	Kollam	Kollam (C)	42, 44, 45 (Sub-wards vide Order No. DCKLM/1827/2020-DM2 dated 20-6-2020 of District Collector)
89	Kollam	Kulathooppuzha	4 (EMS Colony), 5 (Rose Mala), 6 (Anpath Acer), 7 (Ambalam), 8 (Chozhiyakkod)
90	Kollam	Aryankavu	1 (Achankovil Temple), 2 (Achankovil), 4 (Aryankavu), 5 (Aryankavu Temple)
91	Thrissur	Engandiyur	2, 3, 4, 5, 6
92	Thrissur	Chavakkad (M)	3, 4, 8, 19, 20, 29, 30
93	Thrissur	Thrissur (C)	24, 25, 26, 27, 31, 32, 33
94	Malappuram	Athavanadu	4, 5, 6, 7, 20
95	Malappuram	Thennala	1, 2, 3, 4, 5, 6, 10, 12, 13, 14, 15, 16, 17
96	Malappuram	Tirurangadi (M)	38
97	Malappuram	Moorkkanadu	2, 3
98	Malappuram	Kuruva	9, 10, 11, 12, 13
99	Malappuram	Kalpakancherry	12
100	Malappuram	Edappal	7, 8, 9, 10, 11, 17, 18
101	Malappuram	Vattakkulam	12, 13, 14
102	Kottayam	Chirakkadavu	13
103	Kottayam	Koruthodu	4
104	Kottayam	Vazhappally	7
105	Idukki	Kumali	14

106	Thiruvananthapuram	Kattakada	3, 5, 7, 8, 16, 17, 18, 19, 20, 21
107	Thiruvananthapuram	Thiruvananthapuram (C)	55 (Kalady Junction), 70 (Attukal, Iramuttam), 72 (Manacadu Junction), Chiramukku-Kalady Road
108	Ernakulam	Vengola	17
109	Pathanamthitta	Mallappuzhasserry	5

LSGs added on 21-6-2020			
Sl. No.	District	LSGs needing special attention	Containment Zones
1	Kollam	Thrikkovilvattom	6, 7, 9
2	Kollam	Mayyanad	15, 16
3	Kollam	Ittiva	17
4	Kollam	Kalluvathukkal	8, 10, 11, 13
5	Kollam	Kollam (C)	42, 44, 45
6	Kottayam	Vazhappally	7
7	Pathanamthitta	Mallappuzhasserry	5
LSGs deleted due to no containment zone as on 21-6-2020			
Sl. No	District	LSGs needing special attention	Containment Zones
1	Thrissur	Avanur	All Wards
2	Thrissur	Cherpu	All Wards
3	Thrissur	Thrikkur	All Wards
4	Thrissur	Irinjalakuda (M)	1 - 10, 32 - 41
5	Thrissur	Vadanappilli	All Wards
6	Thrissur	Alagappa Nagar	3, 4
7	Thrissur	Vellangallur	14, 15
8	Thrissur	Tholur	12
9	Kollam	Adichanallur	15, 17

***As per Report from Secretary KSDMA on 21.06.2020**