

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

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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 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.

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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

 180617 persons are placed under surveillance, out of which 177955 are under home/institutional quarantine and 2662 are admitted in designated isolation facilities.

Sample Testing

- Till date 171846 samples (including repeat, augmented and private lab samples) have been sent for testing out of which results of 2774 are pending.
- Apart from above, 46689 samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which 45065 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	sentinel	pooled sentinel	CB NAAT	True NAAT
224737	171846	4414	42275	1723	3286

Test Results

- Total confirmed cases under treatment till yesterday were 2015.
- 121 new COVID-19 positive cases have been declared today. Of which 26 are from Thrissur, 14 from Kannur, 13 each from Pathanamthitta and Malappuram, 12 from Palakkad, 11 from Kollam, 9 from Kozhikode, 5 each from Alappuzha, Idukki and Ernakulam, 4 each from Thiruvananthapuram and Kasaragod have been declared positive.
- Test result of a Tamilnadu native who expired in Malappuram on 24.06.2020 has also been declared positive today.
- Test results of **79** COVID-19 patients under treatment have been declared negative today. Of which 18 are from Kollam, 13 from Kannur, 8 each from Alappuzha, Kottayam and Kozhikode, 7 from Malappuram, 5 from Thrissur, 4 from Ernakulam (Alappuzha-1, Kollam-1), 3 from Thiruvananthapuram and Palakkad and 2 from Kasaragod have been declared negative.
- At present 2057 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, 1140 Mental Health Personnel including Psychiatrists, Psychiatric Social Workers, Clinical Psychologists, and Counsellors are working and have given psycho social support calls to 5,32,127 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 12,15,216 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	20783	20592	191	58
Kollam	9571	9363	208	14
Pathanamthitta	5340	5165	175	2
Idukki	4478	4427	51	5
Kottayam	7813	7696	117	7
Alappuzha	7042	6841	201	13
Ernakulam	13759	13541	218	13
Thrissur	19337	19151	186	23
Palakkad	11358	11066	292	14
Malappuram	29860	29506	354	22
Kozhikode	19072	18888	184	44
Wayanad	3676	3631	45	5
Kannur	21820	21500	320	52
Kasaragod	6708	6588	120	9
Total	180617	177955	2662	281

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 dukki-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	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 Thiriruvanathapuram-1	Negative Positive	Discharged 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	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Palakkad-1 Thrissur-2 Malappuram-2 Kannur-2 Kasaragod-12		
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
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	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 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 –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		
		Palakkad-1	Positive	Under treatment
11.05.2020	7	Wayanad-1 Kasaragod-4 Malappuram-1	Negative	Discharged
12.05.2020	5	Pathanamthitta -1 Kottayam-1 Malappuram-3	Negative	Discharged
13.05.2020	10	Kottayam-1 Palakkad-2 Malappuram-3 Kozhikode-1 Wayanad-2 Kannur- 1	Negative	Discharged
		Malappuram-1	Positive	Under treatment
14.05.2020	26	Idukki-1 Pathanamthitta-1 Palakkad-3 Malappuram-4 Wayanad-3 Kozhikode-1 Kannur-2 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	Positive	Under treatment
		Malappuram-1	Danistica	Continued
40.05.0000	4.4	Thrissur- 1	Positive	Expired
16.05.2020	11	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
		Kollam-1	Positive	Under treatment
18.05.2020	29	Pathanamthitta-1 Thiruvananthapuram-3 Kollam-5 Pathanamthitta-1 Alappuzha-2 Kottayam-2 Ernakulam-1	Positive Negative	Expired Discharged

Date	No. of patients	District	Present Status	Remarks
		Thrissur-4 Palakkad-1 Malappuram-1 Kozhikode-2 Kannur-3 Kasaragod-2		
		Kannur-1 Malappuram-1 Palakkad-1	Positive	Under treatment
19.05.2020	12	Pathanamthitta-1 Alappuzha-1 Thrissur-1 Malappuram-2 Kannur-4	Negative	Discharged
		Palakkad-2	Positive	Under treatment
20.05.2020	24	Thiruvananthapuram-2 Pathanamthitta-2 Alappuzha-1 Ernakulam-1 Thrissur-2 Palakkad-5 Malappuram-4 Kozhikode-1 Kannur-2 Kasaragod-1	Negative	Discharged
		Kannur-1	Positive	Expired
21.05.2020	24	Kasaragod-1 Thiruvananthapuram-2 Kollam-2 Alappuzha-2 Kottayam-3 Idukki-1 Thrissur-3 Palakkad-1 Malappuram-5 Kannur-4	Positive Negative	Under treatment Discharged
		Kozhikode-1	Positive	Under treatment
22.05.2020	42	Kollam-1 Pathanamthitta-1 Kottayam-2 Thrissur-3 Palakkad-5 Malappuram-4 Kozhikode-7 Kannur-10 Kasaragod-6	Negative	Discharged
		Thrissur-1	Positive	Expired
23.05.2020	62	Wayanad-1 Palakkad-3 Malappuram-2 Alappuzha-1 Kozhikode-2	Positive	Under treatment
		Thiruvananthapuram-1 Kollam- 2	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Alappuzha-4 Kottayam-2 Palakkad-16 Malappuram-6 Kozhikode-2 Wayanad-1 Kannur-16 Kasaragod-4		
		Malappuram-2 Alappuzha-2 Ernakulam- 2 Kollam-1	Positive	Under treatment
24.05.2020	53	Thiruvananthapuram-12 Kollam-2 Pathanamthitta-2 Alappuzha-2 Ernakulam-2 Palakkad-4 (Thrissur-1) Malappuram-3 Kozhikode-1 Kannur-12 Kasaragod-5 Tamilnadu-1	Negative	Discharged
		Kasaragod-2 Palakkad-3 Kollam-1	Positive	Under treatment
25.05.2020	49	Thiruvananthapuram-5 Pathanamthitta-3 Alappuzha-3 Kottayam-2 Idukki-1 Palakkad-2 Kozhikode-4 Kannur-10 Kasaragod-14	Negative	Discharged
		Palakkad-1 Kannur-1 Ernakulam-2 Kollam-1 Kasaragod-1	Positive	Under treatment
26.05.2020	67	Kollam-3 Alappuzha-3 Kottayam-6 Ernakulam-3 Thrissur-4 Palakkad-28 Malappuram-5 Kannur-7 Kasaragod-2	Negative	Discharged
		Kasaragod-2 Ernakulam-1	Positive	Under treatment
27.05.2020	40	Kozhikode-1	Positive	Expired
52525		Kollam-4 Pathanamthitta-3 Alappuzha-7	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Ernakulam-1 Palakkad-8 Kozhikode-1 Wayanad-3 Kannur-1 Kasaragod-8		
		Kasaragod-5 Kannur-1 Malappuram-1 Thiruvananthapuram-1 Pathanamthitta-1	Positive	Under treatment
28.05.2020	84	Thiruvananthapuram-6 Kollam-1 Pathanamthitta-5 Alappuzha-1 Kottayam-3 Idukki-1 Thrissur-7 Palakkad-16 Malappuram-6 Kozhikode-6 Kannur-9 Kasaragod-13	Negative	Discharged
	1	Malappuram-1 Telengana-1	Positive	Expired
		Thrissur-1 Pathanamthitta-1 Malappuram-1 Ernakulam-1 Wayanad-1	Positive	Under treatment
29.05.2020	62	Thiruvananthapuram-5 Kollam-2 Pathanamthitta-4 Alappuzha-3 Kottayam-1 Idukki-1 Thrissur-5 Ernakulam-3 (Thrissur native-1) Palakkad-14 Malappuram-4 Kozhikode-1 Wayanad-1 Kannur-7 Kasaragod-4 Others-2	Negative	Discharged
30.05.2020	58	Thrissur-1 Palakkad-7 Kollam-2 Idukki-1 Kasaragod-1 Thiruvananthapuram-1 Alappuzha-1	Positive	Under treatment
		Alappuzha-1	Positive	Expired
		Thiruvananthapuram-1 Kollam-2	Negative	Discharged

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

Date	No. of patients	District	Present Status	Remarks
		Alappuzha-8 Kottayam-4 Ernakulam-3 Thrissur-6 Palakkad-5 Malappuram-15 Kozhikode-5 Wayanad-3 Kannur-3 Kasaragod-6		
		Thiruvananthapuram-2 Malappuram-1 Idukki-2 Kollam-1 Ernakulam-2 Palakkad-2 Thrissur-1 Kasaragod-1	Positive	Under treatment
03.06.2020	82	Thiruvananthapuram-12 Kollam-4 Pathanamthitta-2 Alappuzha-7 Kottayam-8 Idukki-7 Ernakulam-3 Thrissur-3 Palakkad-3 Kozhikode-7 Malappuram-10 Kannur-2 Kasaragod-2	Negative	Discharged
		Pathanamthitta-7 Kasaragod-5 Kollam-1 Kozhikode-2 Malappuram-3 Palakkad-1 Kannur-1 Thiruvananthapuram-1 (Alappuzha-1) Thrissur-1 (Palakkad-1) Ernakulam-1 Kollam-1	Positive	Under treatment
04.06.2020	94	Palakkad-1 Malappuram-1 Thiruvananthapuram-4	Positive	Expired
		Kollam-9 Pathanamthitta-7 Alappuzha-8 Kottayam-5 Ernakulam-1 Thrissur-3 Palakkad-5 Malappuram-4 Kozhikode-8 Wayanad-2	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Kannur-5 Kasaragod-7		
05.06.2020		Palakkad-4 Malappuram-3 Pathanamthitta-1 Ernakulam-1 Thrissur-1 Wayanad-2	Positive	Under treatment
	111	Thiruvananthapuram-5 Kollam-2 Pathanamthitta-10 Alappuzha-5 Kottayam-1 Idukki-3 Ernakulam-9 (Thiruvananthapuram-1, Pathanamthitta-1) Thrissur-7 Palakkad-35 Malappuram-15 Kozhikode-4 Wayanad-1 Kasaragod-1 Palakkad-1 (Tamilnadu native)	Negative Positive	Discharged Travelled back
		Kollam-6 Thriisur-4 Malappuram-3 Kannur-5 Palakkad-2 Kasaragod-3 Pathanamthitta-4 Alappuzha-1 Thiruvananthapuram-1 Ernakulam-1 Kottayam-1	Positive	Under treatment
06.06.2020	108	Thiruvananthapuram-2 Kollam-13 Pathanamthitta-5 Alappuzha-3 Idukki-3 Kottayam-1 Ernakulam-3 Thriisur-12 Palakkad-9 Malappuram-9 Kozhikode-4 Kannur-7 Kasaragod-7	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Malappuram-7 Thrissur-10 Pathanamthitta-5 Kollam-2 Palakkad-3 Thiruvananthapuram-1 Kasaragod-3 Kannur-1 Idukki-1	Positive	Under treatment
07.06.2020	07.06.2020 107	Thiruvananthapuram-3 Kollam-7 Pathanamthitta-8 Alappuzha-7 Kottayam-3 Thrissur-6 Palakkad-3 Malappuram-20 Kozhikode-6 Kannur-1	Negative	Discharged
		Thrissur-1 Malappuram-3 Kasaragod-6 Kollam-4 Alappuzha-2 Kannur-2 Kottayam-1 Ernakulam-2	Positive	Under treatment
08.06.2020	91	Thiruvananthapuram-3 Kollam-1 Pathanamthitta-3 Alappuzha-3 Kottayam-2 Ernakulam-1 Thrissur-26 Palakkad-1 Malappuram-11 Kozhikode-13 Wayanad-2 Kannur-2 Kasaragod-2	Negative	Discharged
09.06.2020	Pala Alaj Thir Kot Pat Thr 6.2020 91 Mal Wa Koll Ern	Palakkad-2 Alappuzha-2(Kollam-1) Thiruvananthapuram-2 Kottayam-2 Pathanamthitta-23 Thrissur-2 Malappuram-3 Wayanad-3 Kollam-2 Ernakulam-2 Kasaragod-1	Positive	Under treatment
		Thiruvananthapuram-8 Kollam-23 Pathanamthitta-4	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Alappuzha-9 Kottayam-6 Ernakulam-2 Thrissur-4 Palakkad-12 Malappuram-3 Kozhikode-7 Wayanad-3 Kannur-5 Kasaragod-1		
		Kozhikode-1 Thrissur-1 Malappuram-2 Thiruvananthapuram-4 Palakkad-4 Kollam-1 Idukki-4 Ernakulam-3 Wayanad-3 Kannur-1 Pathanamthitta-1	Positive	Under treatment
10.06.2020	65	Thrissur-1 Kannur-1	Positive	Expired
		Thiruvananthapuram-2 Kollam-2 Pathanamthitta-2 Alappuzha-1 Kottayam-3 Ernakulam-1 Thrissur-7 Palakkad-2 Malappuram-5 Kozhikode-9 Wayanad-1 Kannur-3	Negative	Discharged
11.06.2020	0.2	Thrissur-3 Palakkad-9 Kasaragod-8 Kollam-8 Kannur-2 Pathanamthitta-4 Ernakulam-2	Positive	Under treatment
11.00.2020	83	Pathanamthitta-1 Kottayam-2 Thrissur-22 Palakkad-4 Malappuram-10 Kozhikode-1 Kannur-5 Kasaragod-2		
12.06.2020	78	Thrissur-1 Malappuram-2 Alappuzha-4 Pathanamthitta-5	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Ernakulam-4 Palakkad-5 Kollam-1 Kozhikode-1 Kasaragod-2 Kottayam-2		
		Kannur-1	Positive	Expired
		Thiruvananthapuram-1 Kollam-3 Pathanamthitta-2 Alappuzha-9 Kottayam-1 Idukki-1 Ernakulam-1 Thrissur-13 Malappuram-11 Kozhikode-3 Kannur-2 Kasaragod-2	Negative	Discharged
		Malappuram -5 Kannur-7 Kozhikode-5 Kasaragod-7 Alappuzha-1 Palakkad-4 Ernakulam-5 Idukki-2 Wayanad-1	Positive	Under treatment
13.06.2020	85	Pathanamthitta-1 Alappuzha-8 Kottayam-1 Idukki-2 Ernakulam-2 Thrissur-4 Palakkad-4 Malappuram -10 Kozhikode-6 Kannur-7 Kasaragod-2	Negative	Discharged
14.06.2020	54	Ernakulam-4 Thrissur-1 Palakkad-3 Kasaragod-3 Thiruvananthapuram-1 Kannur-3 Malappuram -2 Pathanamthitta-1 Kollam-1 Wayanad-1	Positive	Under treatment
		Thiruvananthapuram-3 Pathanamthitta-1 Kottayam-3	Negative	

Date	No. of patients	District	Present Status	Remarks
		Idukki-2 Ernakulam-3 Thrissur-6 Palakkad-3 Malappuram -1 Kozhikode-8 Kannur-1 Kasaragod-3		
15.06.2020	82	Ernakulam-8 Pathanamthitta-7 Kottayam-7 Kannur-8 Palakkad-7 Malappuram -6 Kozhikode-2 Alappuzha-3 Kollam-3 Kasaragod-2 Wayanad-1	Positive	Under treatment
13.06.2020	02	Ernakulam-1	Positive	Went back
		Thiruvananthapuram-1 Kollam-1 Pathanamthitta-4 Alappuzha-2 Kottayam-3 Idukki-2 Ernakulam-4 Thrissur-3 Kozhikode-4 Kannur-2 Kasaragod-1	Positive Negative	Expired Discharged
16.06.2020	0 79	Malappuram-12 Ernakulam-10 Alappuzha-3 Thrissur-3 Kannur-3 Pathanamthitta-3 Palakkad-5 Thiruvananthapuram-2 Kollam-4 Kottayam-2 (Pathanamthitta-1) Kozhikode-4	Positive	Under treatment
		Kannur-1	Positive	Expired
		Thiruvananthapuram-2 Pathanamthitta-3 Alappuzha-4 Kottayam-2 Ernakulam-3 Thrissur-4 Palakkad-1 Malappuram-3	Negative	

Date	No. of patients	District	Present Status	Remarks
		Kannur-3 Kasaragod-2		
17.06.2020	75	Kollam-11 Malappuram-8 Kasaragod-6 Thrissur-5 Palakkad-6 Kozhikode-1 Ernakulam-4 Kottayam-2 Kannur-2 Thiruvananthapuram-3 Wayanad-3 Pathanamthitta-1	Positive	Under treatment
		Kollam-1	Positive	Expired
		Kollam-1 Alappuzha-1 Kottayam-2 Ernakulam-1 Thrissur-3 Malappuram-3 Kozhikode-5 Kannur-2 Kasaragod-3	Negative	
18.06.2020	97	Palakkad-12 Kollam-7 Kottayam-6 Pathanamthitta-10 Alappuzha-7 Idukki-5 Ernakulam-5 Thrissur-4 Thiruvananthapuram-5 Kozhikode-2 Kannur-2 Kasaragod-3	Positive	Under treatment
		Kollam-6 Pathanamthitta-1 Alappuzha-2 Kottayam-5 Idukki-1 Ernakulam-1 Thrissur-2 Palakkad-2 Malappuram-4 Kozhikode-3 Kannur-2	Negative	
19.06.2020	118	Malappuram-15 Kollam-7 Alappuzha-12 Ernakulam-11 Palakkad-9 Pathanamthitta-9	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Thiruvananthapuram-8 (Kollam-1) Kannur-7 Kottayam-3 Kozhikode-4 Wayanad-3 Kasaragod-4 Idukki-2		
		Kollam-10 Alappuzha-1 Kottayam-4 Thrissur-1 Palakkad-1 Kozhikode-2 Malappuram-3 Wayanad-1 Kannur-1	Negative	
20.06.2020	127	Kollam-20 Palakkad-21 Pathanamthitta-16 Kozhikode-7 Kottayam-9 Kasaragod-7 Thrissur-6 Thiruvananthapuram-5 Malappuram-5 Wayanad-5 Alappuzha-4 Kannur-4 Ernakulam-3 Idukki-1	Positive	Under treatment
		Kollam-4 Pathanamthitta-1 Kottayam-2 Palakkad-2 Kozhikode-5	Negative	
21.06.2020	133	Thrissur-16 Palakkad-15 Kollam-12 Idukki-11 Alappuzha-10 Kottayam-10 Malappuram-10 Kozhikode-10 Kannur-10 Thiruvananthapuram-8 Pathanamthitta-8 Kasaragod-6 Ernakulam-5	Positive	Under treatment
		Thiruvananthapuram-1 Kollam-1	Negative	
22.06.2020	138	Malappuram-17 Palakkad-16 Ernakulam-14 Kollam-13 Kottayam-13	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Alappuzha-12 Thrissur-11 Thiruvananthapuram-11 Kasaragod-9 Kozhikode-5 Wayanad-5 Pathanamthitta-4 Idukki-4 Kannur-3		
		Thrissur-1	Negative	
23.06.2020	141	Pathanamthitta-27 Palakkad-27 Alappuzha-18 Thrissur-13 Ernakulam-13 Malappuram-11 Kottayam-7 Kozhikode-5 Kannur-6 Thiruvananthapuram-4 Kollam-4 Wayanad-2	Positive	Under treatment
		Alappuzha-1 Kottayam-1 Thrissur-1 Kozhikode-1	Negative	
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
25.06.2020	Palakkad-24 Alappuzha-17 Kollam-12 Pathanamthitta-13 Ernakulam-10 Thrissur-10 Kannur-9		Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Kollam-1 Alappuzha-1	Negative	
26.06.2020	150	Palakkad-23 Alappuzha-21 Kottayam-18 Kollam-16 Malappuram-16 Kannur-13 Ernakulam-9 Thiruvananthapuram-7 Thrissur-7 Kozhikode-7 Wayanad-5 Pathanamthitta-4 Idukki-2 Kasaragod-2	Positive	Under treatment
27.06.2020	195	Malappuram-47 Palakkad-25 Thrissur-22 Kottayam-15 Ernakulam-14 Alappuzha-13 Kollam-12 Kannur-11 Kasaragod-11 Kozhikode-8 Pathanamthitta-6 Wayanad-5 Thiruvanamthapuram-4 Idukki-2	Positive	Under treatment
28.06.2020	118	Kannur-26 Thrissur-17 Thiruvanamthapuram-10 Alappuzha-10 Kollam-9 Ernakulam-7 Kozhikode-7 Kasaragod-6 Kottayam-5 Malappuram-5 Wayanad-5 Idukki-4 Palakkad-4 Pathanamthitta-3	Positive	Under treatment
29.06.2020	121	Thrissur-26 Kannur-14 Pathanamthitta-13 Malappuram-13 Palakkad-12 Kollam-11 Kozhikode-9 Alappuzha-5 Idukki-5 Ernakulam-5 Thiruvanamthapuram-4	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Kasaragod-4		
	1	Malappuram-1 (Tamilnadu native)	Positive	Expired

- 4311 persons have been tested positive till date since the outbreak in Kerala.
- 2057 persons are currently under treatment.

Annexure 3: District wise distribution based on hospital admission

District	No. of positive cases admitted	Other Districts
Thiruvananthapuram	97	Kollam-7, Malappuram-1, Palakkad-1, Pathanamthitta-1, Alappuzha-1
Kollam	181	
Pathanamthitta	179	Alappuzha-1
Alappuzha	161	Pathanamthitta-1
Kottayam	113	Pathanamthitta-4, ldukki-1
Idukki	51	
Ernakulam	174	Kollam-2, Alappuzha-4, Palakkad-3, Thrissur-3, Malappuram-1, Kannur-1, Kottayam -3, Kozhikode-1, Others -23
Thrissur	173	
Palakkad	268	
Malappuram	235	Thrissur-3, Palakkad-3, Kannur-2, Kottayam -2, Others-1, Ernakulam-1 Thiruvananthapuram-1
Kozhikode	89	Wayanad-3, Malappuram-1, Others-1
Wayanad	43	
Kannur	179	Kozhikode-3, Kasaragod-12, Malappuram-4, Ernakulam-1, Thrissur-1
Kasaragod	114	
Total	2057	

Annexure 4: Details of Death

SI	5 1		Date of	Date of	Date of	Travel	
No	District	Age	Arrival	Result	Death	history	Remarks
1	Ernakulam	69	16-03-20	22-03-20	28-03-20	Import	Comorbidity present
2	Thiruvananthapuram	68		29-03-20	31-03-20	Contact	Comorbidity present
3	Malappuram	4 months		22-04-20	24-04-20	Contact	Comorbidity present
4	Thrissur	73	19-05-20	22-05-20	21-05-20	Import	Brought dead, 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
23	Malappuram	55		29-06-20	24-06-20		

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	Mo	arch	A	pril	Till M	lay 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 4th onwards

Total number of cases reported from May 4th-3812

Total number of cases with travel history-3472

Total number of cases with history of contact with positive case-340

District	May 4th onward	Total	
District	Contact	Import	Total
	24	168	192
KLM	25	285	310
PTA	2	269	271
ALP	8	278	286
KTM	11	186	197
IDK	10	75	85
EKM	15	206	221
TSR	56	329	385
PKD	48	449	497
MPM	56	390	446
KKD	12	221	233
WYD	21	70	91
KNR	41	292	333
KSD	11	254	265
Grand Total	340	3472	3812

Annexure 6: Details of Passengers (excluding other State Passengers updated up to 29.06.2020)

Travel	Total passengers	Home quarantined	Institution quarantined	Passengers in isolation	Pregnant	Old age	Children less than 10
International Air port	98,816	56,657	21,226	1,100	5367	3690	10,973
Domestic Airport	46,512	46,202	178	48	_	_	-
Sea port	1,621	514	1,101	6	34	3	24
Check post	1,79,535	1,71,967	7415	153	5759	5287	_
Railway	40,999	38,945	1,516	108	-	_	-
Total	3,67,483	3,14,285	31,436	1,415	11,160	8,980	10,997

Annexure 7: Hotspots as on 29.06.2020

List	of Local Self Gover	nments needing special attenti GO (Ms) No. 18/2020/DMD do	on and Containment Zones - 29-6-2020 ated 17-6-2020
SI. No.	District	LSGs needing special attention	Containment Zones
1	Kannur	Aalakkod	4 (Sub-ward)
2	Kannur	Chapparappadavu	6 (Sub-ward)
3	Kannur	Chirakkal	23 (Sub-ward)
4	Kannur	Chittaripparamba	13 (Sub-ward)
5	Kannur	Irikkoor	7 (Sub-ward)
6	Kannur	Iritty (M)	9 (Sub-ward)
7	Kannur	Kadannappalli- Panappuzha	3, 9, 10 (Sub-ward)
8	Kannur	Kannur (C)	48, 52 (Sub-wards), 51
9	Kannur	Kankol-Alappadamba	6 (Sub-ward)
10	Kannur	Karumathoor	2 (Sub-ward)
11	Kannur	Keezhalloor	4 (Sub-ward)
12	Kannur	Kolacherri	5 (Sub-ward)
13	Kannur	Koothuparamba (M)	25 (Sub-ward)
14	Kannur	Kottayam-Malabar	4, 11 (Sub-ward)
15	Kannur	Madai	6,7 (Sub-ward)
16	Kannur	Maloor	3, 12
17	Kannur	Mangattidam	4 (Sub-ward)
18	Kannur	Mattannur (M)	7
19	Kannur	Mattool	9, 14 (Sub-ward)
20	Kannur	Mokeri	5 (Sub-ward)
21	Kannur	Munderi	8 (Sub-ward)
22	Kannur	Muzhappilangad	13 (Sub-ward)
23	Kannur	Muzhakunnu	All Wards
24	Kannur	Padiyoor	All Wards
25	Kannur	Panoor (M)	31 (Sub-ward)
26	Kannur	Pappinissery	3 (Sub-ward)
27	Kannur	Payyannur (M)	30, 31, 42, 44 (Sub-ward)
28	Kannur	Peralasherry	12 (Sub-ward)
29	Kannur	Peravoor	11
30	Kannur	Ramanthali	11 (Sub-ward)
31	Kannur	Sreekandapuram (M)	26 (Sub-ward)
32	Kannur	Thalasheery (M)	14, 18 (Sub-ward)
33	Kannur	Thillankery	All Wards
34	Kannur	Udayagiri	2 (Sub-ward)
35	Kannur	Vengad	1, 3, 12 (Sub-ward)
36	Kasargode	Ajanur	18, 20
37	Kasargode	Badadkka	8

38	Kasargode	Badiadkka	18
39	Kasargode	Chemnad	13, 18
40	Kasargode	Chengala	13, 17, 19, 20
41	Kasargode	Cheruvathur	3, 6, 9, 16
42	Kasargode	Kanhangad (M)	35, 39, 40
43	Kasargode	Karadka	8, 14
44	Kasargode	Kasargod (M)	9, 22
44	Rusurgode	Kinanoor	9, 22
45	Kasargode	Karinthalam	6
46	Vacaracida	Kodom Belur	1 7
47	Kasargode	Kumbala	1,7
48	Kasargode		3, 6, 7, 19
	Kasargode	Madhur	1, 7, 18
49	Kasargode	Madikkai	2
50	Kasargode	Mangalpady	9, 11, 12, 17, 19, 21
51	Kasargode	Manjeshwar	2, 3, 6
52	Kasargode	Meenja	2
53	Kasargode	Mogral Puthur	1
54	Kasargode	Muliyar	14
55	Kasargode	Nileshwar (M)	22
56	Kasargode	Padane	6, 7, 10
57	Kasargode	Pallikkara	5, 18, 19
58	Kasargode	Pullur Periya	1
59	Kasargode	Trikaripur	1,4
60	Kasargode	Uduma	5, 6
61	Kasargode	Valiyaparamba	4, 7, 12, 13
62	Kasargode	Vorkardy	6
63	Palakkad	Anakkara	13
64	Palakkad	Cheruppulasherry	27
65	Palakkad	Koppam	4, 6, 8
66	Palakkad	Lakkidi Peroor	9
67	Palakkad	Mannarkad (M)	10
68	Palakkad	Parali	All Wards
69	Palakkad	Pirayiri	14
70	Palakkad	Pookkottukavu	7
71	Palakkad	Thachampara	5
72	Palakkad	Tharoor	9
73	Palakkad	Thrikkadeeri	10
74	Kottayam	Chirakkadavu	13
75	Kottayam	Koruthodu	4
76	Kottayam	Vazhappally	8
77	Kottayam	Ramapuram	8
78	Kottayam	Mutholi	1
79	Kottayam	Thalayazham	12
80	Kottayam	Thrikodithanam	18
81	Kottayam	Kottayam (M)	36
82	Kottayam	Pallikkathodu	8
83	Kottayam	Karukachal	7
84	Malappuram	Parappanangadi (M)	31
85	Malappuram	Tanur	26, 30, 31
86	Malappuram	Pulpatta	7
87	Malappuram	Ponnani Taluk	Entire Taluk
88	Kollam	Panmana	10, 11
			3, 5, 7, 12, 33, 34
89	Kollam	Punalur (M) Thrikkovilvattom	
90	Kollam	Thrikkovilvattom	6, 7, 9
91	Kollam	Mayyanad	9, 15, 16
92	Kollam	Ittiva	17
93	Kollam	Kulathooppuzha	4 (EMS Colony), 5 (Rose Mala), 6 (Anpath Acer), 7 (Ambalam), 8 (Chozhiyakkod)
94	Kollam	Aryankavu	1 (Achankovil Temple), 2 (Achankovil), 4 (Aryankavu), 5 (Aryankavu Temple)

95	Ernakulam	Amballoor	2			
96	Ernakulam	Sreekmoolanagaram	1, 7, 9, 10, 11, 12			
97	Ernakulam	Nayarambalam	2, 15			
98	Ernakulam	Malayattoor- Neeleswaram	15			
99	Ernakulam	Kochi (C)	67 (100 m radius around Powerlite Electricals, Market Junction)			
100	Ernakulam	Parakkadav	8			
101	Alappuzha	Alappuzha (M)	50			
102	Alappuzha	Pattanakkad	10			
103	Alappuzha	Karthikappalli	7			
104	Alappuzha	Punnapra South	2			
105	Alappuzha	Aroor	1			
106	Alappuzha	Chennithala	14			
107	Thrissur	Thrissur (C)	3, 32, 35, 36, 39, 48, 49			
108	Thrissur	Vellankkallur	14, 15			
109	Thrissur	Kunnankulam (M)	7, 8, 11, 15, 19, 20			
110	Thrissur	Kattakampal	6, 7, 9			
111	Thrissur	Kadavallur	14, 15, 16			
112	Thrissur	Chalakkudy(M)	16,19,21,30,31,35,36 Divisions			
113	Thrissur	Sreenarayanapuram	7,8			
114	Idukki	Kumali	14			
115	ldukki	Kattappana (M)	5, 8			
116	ldukki	Rajakumari	8			
117	Thiruvananthapuram	Kattakada	3, 5, 7, 8, 16, 17, 18, 19, 20, 21			
118	Thiruvananthapuram	Thiruvananthapuram (C)	48, 54, 55, 67, 68, 69, 70, 71, 72, 73, 78			
	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					
Thiruvar	Thiruvananthapuram - Sub-wards as per Order No. DDMA/01/2020/Covid/CZ-8 dated 26-6-2020					

	LSGs added on 29-6-2020					
SI. No.	District	LSGs needing special attention	Containment Zones			
1	Thrissur	Chalakkudy(M)	16,19,2130,31,35,36			
2	Thrissur	Sreenarayanapuram	7,8			
3	Malappuram	Ponnani Taluk	Entire Taluk			

	LSGs deleted due to no containment zone as on 29-6-2020					
SI. No	District	LSGs needing special attention	Containment Zones			
1	Kollam	Kollam (C)	42, 44, 45 (Sub-wards)			
2	Kollam	Kalluvathukkal	8, 10, 11, 13			
3	Palakkad	Vilayur	13			

^{*}As per Report from Secretary KSDMA on 29.06.2020