



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: 28/06/2020

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

- **175734** persons are placed under surveillance, out of which **173123** are under home/institutional quarantine and **2611** are admitted in designated isolation facilities.

Sample Testing

- Till date **169260** samples (including repeat, augmented and private lab samples) have been sent for testing out of which results of **4041** are pending.
- Apart from above, **45592** samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which **43842** 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
220821	169260	4414	41178	1711	3065

Test Results

- Total confirmed cases under treatment till yesterday were **1939**.
- **118 new COVID-19** positive cases have been declared today. Of which 26 are from Kannur, 17 from Thrissur, 10 each from Kollam and Alappuzha, 9 from Thiruvananthapuram, 7 each from Ernakulam and Kozhikode, 6 from Kasaragod, 5 each from Kottayam, Malappuram and Wayanad, 4 from each Idukki and Palakkad and 3 from Pathanamthitta have been declared positive.
- Test results of **42 COVID-19** patients under treatment have been declared negative today. Of which 7 are from Kozhikode (Palakkad-1), 6 from Idukki, 5 each from Alappuzha, Kottayam, Thrissur and Kasaragod, 3 from Palakkad, 2 from Pathanamthitta and 1 each from Thiruvananthapuram, Ernakulam (Kottayam), Wayanad and Kannur have been declared negative.
- At present **2015 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 5,24,062 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 12,03,762 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	19851	19685	166	20
Kollam	9584	9367	217	18
Pathanamthitta	5479	5302	177	20
Idukki	4530	4483	47	2
Kottayam	7390	7271	119	13
Alappuzha	7206	7016	190	16
Ernakulam	13866	13651	215	14
Thrissur	18875	18701	174	25
Palakkad	11031	10746	285	45
Malappuram	28065	27674	391	55
Kozhikode	18724	18556	168	43
Wayanad	3625	3584	41	6
Kannur	20911	20606	305	47
Kasaragod	6597	6481	116	11
Total	175734	173123	2611	335

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
11.05.2020	7	Palakkad-1	Positive	Under treatment
		Wayanad-1	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Kasaragod-4 Malappuram-1		
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
14.05.2020	26	Malappuram-1	Positive	Under treatment
		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
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	Positive	Under treatment
		Pathanamthitta-1	Positive	Expired
		Thiruvananthapuram-3 Kollam-5 Pathanamthitta-1 Alappuzha-2 Kottayam-2 Ernakulam-1 Thrissur-4 Palakkad-1 Malappuram-1 Kozhikode-2	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		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	Positive	Under treatment
		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	Positive	Under treatment
		Thiruvananthapuram-2 Kollam-2 Alappuzha-2 Kottayam-3 Idukki-1 Thrissur-3 Palakkad-1 Malappuram-5 Kannur-4	Negative	Discharged
22.05.2020	42	Kozhikode-1	Positive	Under treatment
		Kollam-1 Pathanamthitta-1 Kottayam-2 Thrissur-3 Palakkad-5 Malappuram-4 Kozhikode-7 Kannur-10 Kasaragod-6	Negative	Discharged
		Thrissur-1 Wayanad-1	Positive	Expired
23.05.2020	62	Palakkad-3 Malappuram-2 Alappuzha-1 Kozhikode-2	Positive	Under treatment
		Thiruvananthapuram-1 Kollam-2 Alappuzha-4 Kottayam-2 Palakkad-16 Malappuram-6 Kozhikode-2	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Wayanad-1 Kannur-16 Kasaragod-4		
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-2 Palakkad-3 Kollam-1	Positive	Under treatment
		Thiruvananthapuram-5 Pathanamthitta-3 Alappuzha-3 Kottayam-2 Idukki-1 Palakkad-2 Kozhikode-4 Kannur-10 Kasaragod-14	Negative	Discharged
26.05.2020	67	Palakkad-1 Kannur-1 Ernakulam-2 Malappuram-1 Kollam-1 Kasaragod-1	Positive	Under treatment
		Kollam-3 Alappuzha-3 Kottayam-6 Ernakulam-3 Thrissur-4 Palakkad-28 Malappuram-4 Kannur-7 Kasaragod-2	Negative	Discharged
27.05.2020	40	Kasaragod-2 Kollam-1 Ernakulam-1	Positive	Under treatment
		Kozhikode-1	Positive	Expired
		Kollam-3 Pathanamthitta-3 Alappuzha-7 Ernakulam-1 Palakkad-8	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
		Kozhikode-1 Wayanad-3 Kannur-1 Kasaragod-8		
28.05.2020	84	Kasaragod-5 Kannur-1 Malappuram-1 Thiruvananthapuram-1 Pathanamthitta-1 Alappuzha-1	Positive	Under treatment
		Thiruvananthapuram-6 Kollam-1 Pathanamthitta-5 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
29.05.2020	62	Thrissur-1 Pathanamthitta-1 Malappuram-1 Ernakulam-1 Wayanad-1	Positive	Under treatment
		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 Kottayam-1 Idukki-3	Negative	Discharged

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

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

Date	No. of patients	District	Present Status	Remarks
		Kasaragod-7		
05.06.2020	111	Palakkad-4 Malappuram-3 Pathanamthitta-1 Ernakulam-2 Thrissur-1 Thiruvananthapuram-1 Wayanad-2	Positive	Under treatment
		Thiruvananthapuram-4 Kollam-2 Pathanamthitta-10 Alappuzha-5 Kottayam-1 Idukki-3 Ernakulam-8 (Thiruvananthapuram-1, Pathanamthitta-1) Thrissur-7 Palakkad-35 Malappuram-15 Kozhikode-4 Wayanad-1 Kasaragod-1	Negative	Discharged
		Palakkad-1 (Tamilnadu native)	Positive	Travelled back
06.06.2020	108	Kollam-8 Thriiur-5 Malappuram-3 Kannur-5 Palakkad-2 Kasaragod-3 Pathanamthitta-4 Alappuzha-1 Kozhikode-1 Thiruvananthapuram-1 Ernakulam-1 Kottayam-1	Positive	Under treatment
		Thiruvananthapuram-2 Kollam-11 Pathanamthitta-5 Alappuzha-3 Idukki-3 Kottayam-1 Ernakulam-3 Thriiur-11 Palakkad-9 Malappuram-9 Kozhikode-3 Kannur-7 Kasaragod-7	Negative	Discharged

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

Date	No. of patients	District	Present Status	Remarks
		Alappuzha-9 Kottayam-5 Ernakulam-1 Thrissur-4 Palakkad-12 Malappuram-3 Kozhikode-7 Wayanad-3 Kannur-5 Kasaragod-1		
10.06.2020	65	Kozhikode-1 Thrissur-1 Malappuram-2 Thiruvananthapuram-4 Palakkad-4 Kollam-3 Idukki-4 Ernakulam-3 Wayanad-3 Kannur-2 Pathanamthitta-1	Positive	Under treatment
		Thrissur-1 Kannur-1	Positive	Expired
		Thiruvananthapuram-2 Kollam-1 Pathanamthitta-2 Alappuzha-1 Kottayam-3 Ernakulam-1 Thrissur-7 Palakkad-2 Malappuram-5 Kozhikode-9 Wayanad-1 Kannur-1	Negative	Discharged
11.06.2020	83	Thrissur-4 Palakkad-9 Kasaragod-8 Kollam-8 Kannur-3 Pathanamthitta-4 Ernakulam-2	Positive	Under treatment
		Pathanamthitta-1 Kottayam-2 Thrissur-21 Palakkad-4 Malappuram-10 Kozhikode-1 Kannur-4 Kasaragod-2		
12.06.2020	78	Thrissur-1 Malappuram-4 Alappuzha-4 Pathanamthitta-5	Positive	Under treatment

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

Date	No. of patients	District	Present Status	Remarks
		Kottayam 1 Idukki-2 Ernakulam-3 Thrissur-6 Palakkad-3 Malappuram -1 Kozhikode-8 Kasaragod-3		
15.06.2020	82	Ernakulam-8 Pathanamthitta-7 Kottayam-9 Kannur-10 Palakkad-7 Malappuram -6 Kozhikode-3 Alappuzha-3 Kollam-4 Kasaragod-2 Wayanad-1	Positive	Under treatment
		Ernakulam-1	Positive	Went back
		Thiruvananthapuram-1	Positive	Expired
		Pathanamthitta-4 Alappuzha-2 Kottayam-1 Idukki-2 Ernakulam-4 Thrissur-3 Kozhikode-3 Kasaragod-1	Negative	Discharged
16.06.2020	79	Malappuram-12 Ernakulam-10 Alappuzha-4 Thrissur-3 Kannur-3 Pathanamthitta-3 Palakkad-6 Thiruvananthapuram-3 Kollam-4 Kottayam-2 (Pathanamthitta-1) Kozhikode-4	Positive	Under treatment
		Kannur-1	Positive	Expired
		Thiruvananthapuram-1 Pathanamthitta-3 Alappuzha-3 Kottayam-2 Ernakulam-3 Thrissur-4 Malappuram-3 Kannur-3 Kasaragod-2	Negative	

Date	No. of patients	District	Present Status	Remarks
17.06.2020	75	Kollam-11 Malappuram-9 Kasaragod-8 Thrissur-7 Palakkad-6 Kozhikode-2 Ernakulam-4 Kottayam-2 Kannur-3 Thiruvananthapuram-3 Wayanad-3 Pathanamthitta-1 Alappuzha-1	Positive	Under treatment
		Kollam-1	Positive	Expired
		Kollam-1 Kottayam-2 Ernakulam-1 Thrissur-1 Malappuram-2 Kozhikode-4 Kannur-1 Kasaragod-1	Negative	
18.06.2020	97	Palakkad-12 Kollam-7 Kottayam-8 Pathanamthitta-10 Alappuzha-9 Idukki-5 Ernakulam-5 Thrissur-4 Thiruvananthapuram-5 Kozhikode-5 Kannur-4 Kasaragod-3	Positive	Under treatment
		Kollam-6 Pathanamthitta-1 Kottayam-3 Idukki-1 Ernakulam-1 Thrissur-2 Palakkad-2 Malappuram-4	Negative	
19.06.2020	118	Malappuram-15 Kollam-8 Alappuzha-13 Ernakulam-11 Palakkad-9 Pathanamthitta-9 Thiruvananthapuram-8 (Kollam-1) Kannur-8 Kottayam-3 Kozhikode-4 Wayanad-3 Kasaragod-4	Positive	Under treatment

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

Date	No. of patients	District	Present Status	Remarks
23.06.2020	141	Pathanamthitta-27 Palakkad-27 Alappuzha-18 Thrissur-13 Ernakulam-13 Malappuram-11 Kottayam-8 Kozhikode-5 Kannur-6 Thiruvananthapuram-4 Kollam-4 Wayanad-2	Positive	Under treatment
		Alappuzha-1 Thrissur-1 Kozhikode-1		
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	123	Palakkad-24 Alappuzha-18 Kollam-13 Pathanamthitta-13 Ernakulam-10 Thrissur-10 Kannur-9 Kozhikode-7 Malappuram-6 Kasaragod-4 Idukki-3 Thiruvananthapuram-2 Kottayam-2 Wayanad-2	Positive	Under treatment
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	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Idukki-2 Kasaragod-2		
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 Thiruvananthapuram-4 Idukki-2	Positive	Under treatment
28.06.2020	118	Kannur-26 Thrissur-17 Kollam -10 Alappuzha-10 Thiruvananthapuram -9 Ernakulam-7 Kozhikode-7 Kasaragod-6 Kottayam-5 Malappuram-5 Wayanad-5 Idukki-4 Palakkad-4 Pathanamthitta-3	Positive	Under treatment
<ul style="list-style-type: none"> 4189 persons have been tested positive till date since the outbreak in Kerala. 2015 persons are currently under treatment. 				

Annexure 3: District wise distribution based on hospital admission

District	No. of positive cases admitted	Other Districts
Thiruvananthapuram	96	Kollam-7, Malappuram-1, Palakkad-1, Pathanamthitta-2, Alappuzha-1
Kollam	189	
Pathanamthitta	165	Alappuzha-1
Alappuzha	165	Pathanamthitta-1
Kottayam	121	Pathanamthitta-4, Idukki-1
Idukki	46	
Ernakulam	173	Kollam-2, Alappuzha-4, Palakkad-3, Thrissur-3, Malappuram-1, Kannur-1, Kottayam -3, Kozhikode-1, Others -22
Thrissur	153	
Palakkad	261	
Malappuram	224	Thrissur-2, Palakkad-3, Kozhikode-1, Kannur-1, Kottayam -2, Thiruvananthapuram-1
Kozhikode	88	Wayanad-3, Malappuram-1, Others-1
Wayanad	43	
Kannur	179	Kozhikode-3, Kasaragod-12, Malappuram-4, Ernakulam-1, Thrissur-1
Kasaragod	112	
Total	2015	

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	-
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

May 4th onwards

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

DISHA: 0471-2552056, 1056

Total number of cases reported from May 4th-3690

Total number of cases with travel history-3360

Total number of cases with history of contact with positive case-330

District	May 4th onwards till June 28		Total
	Contact	Import	
TVM	24	163	187
KLM	24	276	300
PTA	2	256	258
ALP	8	273	281
KTM	11	186	197
IDK	9	71	80
EKM	12	204	216
TSR	54	305	359
PKD	47	438	485
MPM	55	377	432
KKD	12	212	224
WYD	21	70	91
KNR	40	279	319
KSD	11	250	261
Grand Total	330	3360	3690

Annexure 6: Details of Passengers (excluding other State Passengers updated up to 28.06.2020)

Travel	Total passengers	Home quarantined	Institution quarantined	Passengers in isolation	Pregnant	Old age	Children less than 10
International Air port	93,744	53,638	20,808	1,078	5367	3690	10,973
Domestic Airport	45,243	44,933	178	48	-	-	-
Sea port	1,621	514	1,101	6	34	3	24
Check post	1,77,326	1,69,777	7,396	153	5759	5287	-
Railway	40,316	38,280	1,502	108	-	-	-
Total	3,58,250	3,07,142	30,985	1393	11,160	8,980	10,997

Annexure 7: Hotspots as on 28.06.2020

Toll Free 1079, Fax - 0471 2364424. www.sdma.kerala.gov.in

List of Local Self Governments needing special attention and Containment Zones - 28-6-2020 GO (Ms) No. 18/2020/DMD dated 17-6-2020			
Sl. No.	District	LSGs needing special attention	Containment Zones
1	Palakkad	Anakkara	13
2	Palakkad	Cheruppulasherry	27
3	Palakkad	Koppam	4, 6, 8
4	Palakkad	Lakkidi Peroor	9
5	Palakkad	Mannarkad (M)	10
6	Palakkad	Parali	All Wards
7	Palakkad	Pirayiri	14
8	Palakkad	Pookkottukavu	7
9	Palakkad	Thachampara	5
10	Palakkad	Tharoor	9
11	Palakkad	Thrikkadeeri	10
12	Palakkad	Vilayur	13
13	Kannur	Aalakkod	4 (Sub-ward)

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

DISHA: 0471-2552056, 1056

14	Kannur	Chapparappadavu	6 (Sub-ward)
15	Kannur	Chirakkal	23 (Sub-ward)
16	Kannur	Chittaripparamba	13 (Sub-ward)
17	Kannur	Irikkoor	7 (Sub-ward)
18	Kannur	Iritty (M)	9 (Sub-ward)
19	Kannur	Kadannappalli- Panappuzha	3, 9, 10 (Sub-ward)
20	Kannur	Kannur (C)	48, 52 (Sub-wards), 51
21	Kannur	Kankol-Alappadamba	6 (Sub-ward)
22	Kannur	Karumathoor	2 (Sub-ward)
23	Kannur	Keezhallloor	4 (Sub-ward)
24	Kannur	Kolacherri	5 (Sub-ward)
25	Kannur	Koothuparamba (M)	25 (Sub-ward)
26	Kannur	Kottayam-Malabar	4, 11 (Sub-ward)
27	Kannur	Madai	6, 7 (Sub-ward)
28	Kannur	Maloor	3, 12
29	Kannur	Mangattidam	4 (Sub-ward)
30	Kannur	Mattannur (M)	7
31	Kannur	Mattool	9, 14 (Sub-ward)
32	Kannur	Mokeri	5 (Sub-ward)
33	Kannur	Munderi	8 (Sub-ward)
34	Kannur	Muzhappilangad	13 (Sub-ward)
35	Kannur	Muzhakunnu	All Wards
36	Kannur	Padiyoor	All Wards
37	Kannur	Panoor (M)	31 (Sub-ward)
38	Kannur	Pappinissery	3 (Sub-ward)
39	Kannur	Payyannur (M)	30, 31, 42, 44 (Sub-ward)
40	Kannur	Peralasherry	12 (Sub-ward)
41	Kannur	Peravoor	11
42	Kannur	Ramanthali	11 (Sub-ward)
43	Kannur	Sreekandapuram (M)	26 (Sub-ward)
44	Kannur	Thalasheery (M)	14, 18 (Sub-ward)
45	Kannur	Thillankery	All Wards
46	Kannur	Udayagiri	2 (Sub-ward)
47	Kannur	Vengad	1, 3, 12 (Sub-ward)
48	Kasargode	Ajanur	18, 20
49	Kasargode	Bedadkka	8
50	Kasargode	Badiadkka	18
51	Kasargode	Chemnad	13, 18
52	Kasargode	Chengala	13, 17, 19, 20
53	Kasargode	Cheruvathur	3, 6, 9, 16
54	Kasargode	Kanhangad (M)	35, 39, 40
55	Kasargode	Karadka	8, 14
56	Kasargode	Kasargod (M)	9, 22
57	Kasargode	Kinanoor Karinthalam	6
58	Kasargode	Kodom Belur	1, 7
59	Kasargode	Kumbala	3, 6, 7, 19
60	Kasargode	Madhur	1, 7, 18
61	Kasargode	Madikkai	2
62	Kasargode	Mangalpady	9, 11, 12, 17, 19, 21
63	Kasargode	Manjeshwar	2, 3, 6
64	Kasargode	Meenja	2
65	Kasargode	Mogral Puthur	1
66	Kasargode	Muliyar	14
67	Kasargode	Nileshwar (M)	22
68	Kasargode	Padane	6, 7, 10
69	Kasargode	Pallikkara	5, 18, 19
70	Kasargode	Pullur Periya	1
71	Kasargode	Trikaripur	1, 4

72	Kasargode	Uduma	5, 6
73	Kasargode	Valiyaparamba	4, 7, 12, 13
74	Kasargode	Vorkardy	6
75	Kollam	Panmana	10, 11
76	Kollam	Punalur (M)	3, 5, 7, 12, 33, 34
77	Kollam	Thrikkovilvattom	6, 7, 9
78	Kollam	Mayyanad	9, 15, 16
79	Kollam	Ittiva	17
80	Kollam	Kalluvathukkal	8, 10, 11, 13
81	Kollam	Kollam (C)	42, 44, 45 (Sub-wards)
82	Kollam	Kulathoopuzha	4 (EMS Colony), 5 (Rose Mala), 6 (Anpath Acer), 7 (Ambalam), 8 (Chozhiyakkod)
83	Kollam	Aryankavu	1 (Achankovil Temple), 2 (Achankovil), 4 (Aryankavu), 5 (Aryankavu Temple)
84	Thrissur	Thrissur (C)	3, 32, 35, 36, 39, 48, 49
85	Thrissur	Vellankallur	14, 15
86	Thrissur	Kunnankulam (M)	7, 8, 11, 15, 19, 20
87	Thrissur	Kattakampal	6, 7, 9
88	Thrissur	Kadavallur	14, 15, 16
89	Malappuram	Parappanangadi (M)	31
90	Malappuram	Tanur	26, 30, 31
91	Malappuram	Vattamkulam	All Wards
92	Malappuram	Edappal	All Wards
93	Malappuram	Alamkode	All Wards
94	Malappuram	Maranchery	All Wards
95	Malappuram	Pulpatta	7
96	Malappuram	Ponnani (M)	Except wards 1, 2, 3, 50, 51
97	Kottayam	Chirakkadavu	13
98	Kottayam	Koruthodu	4
99	Kottayam	Vazhappally	8
100	Kottayam	Ramapuram	8
101	Kottayam	Mutholi	1
102	Kottayam	Thalayazham	12
103	Kottayam	Thrikodithanam	18
104	Kottayam	Kottayam (M)	36
105	Kottayam	Pallikkathodu	8
106	Kottayam	Karukachal	7
107	Idukki	Kumali	14
108	Idukki	Kattappana (M)	5, 8
109	Idukki	Rajakumari	8
110	Thiruvananthapuram	Kattakada	3, 5, 7, 8, 16, 17, 18, 19, 20, 21
111	Thiruvananthapuram	Thiruvananthapuram (C)	48, 54, 55, 67, 68, 69, 70, 71, 72, 73, 78, 99
112	Ernakulam	Amballoor	2
113	Ernakulam	Vengola	17
114	Ernakulam	Sreekmoolanagaram	1, 7, 9, 10, 11, 12
115	Ernakulam	Nayarambalam	2, 15
116	Ernakulam	Malayattoor- Neeleswaram	15
117	Ernakulam	Kochi (C)	67 (100 m radius around Powerlite Electricals, Market Junction)
118	Ernakulam	Parakkadav	8
119	Alappuzha	Alappuzha (M)	50
120	Alappuzha	Pattanakkad	10
121	Alappuzha	Karthikappalli	7
122	Alappuzha	Punnapra South	2
123	Alappuzha	Aroor	1
124	Alappuzha	Chennithala	14
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			

Thiruvananthapuram – Sub-wards as per Order No. DDMA/01/2020/Covid/CZ-8 dated 26-6-2020			
LSGs added on 28-6-2020			
Sl. No.	District	LSGs needing special attention	Containment Zones
1	Kottayam	Kottayam (M)	36
2	Kottayam	Pallikkathodu	8
3	Kottayam	Karukachal	7
4	Malappuram	Vattamkulam	All wards
5	Malappuram	Edappal	All wards
6	Malappuram	Alankode	All wards
7	Malappuram	Ponnani (M)	Except wards 1,2,3,50,51
8	Malappuram	Maranchery	All wards
9	Malappuram	Pulpatta	7
10	Alappuzha	Aroor	1
11	Alappuzha	Chennithala	14
12	Ernakulam	Parakkadav	8
13	Ernakulam	Kochi (C)	67

***As per Report from Secretary KSDMA on 28.06.2020**