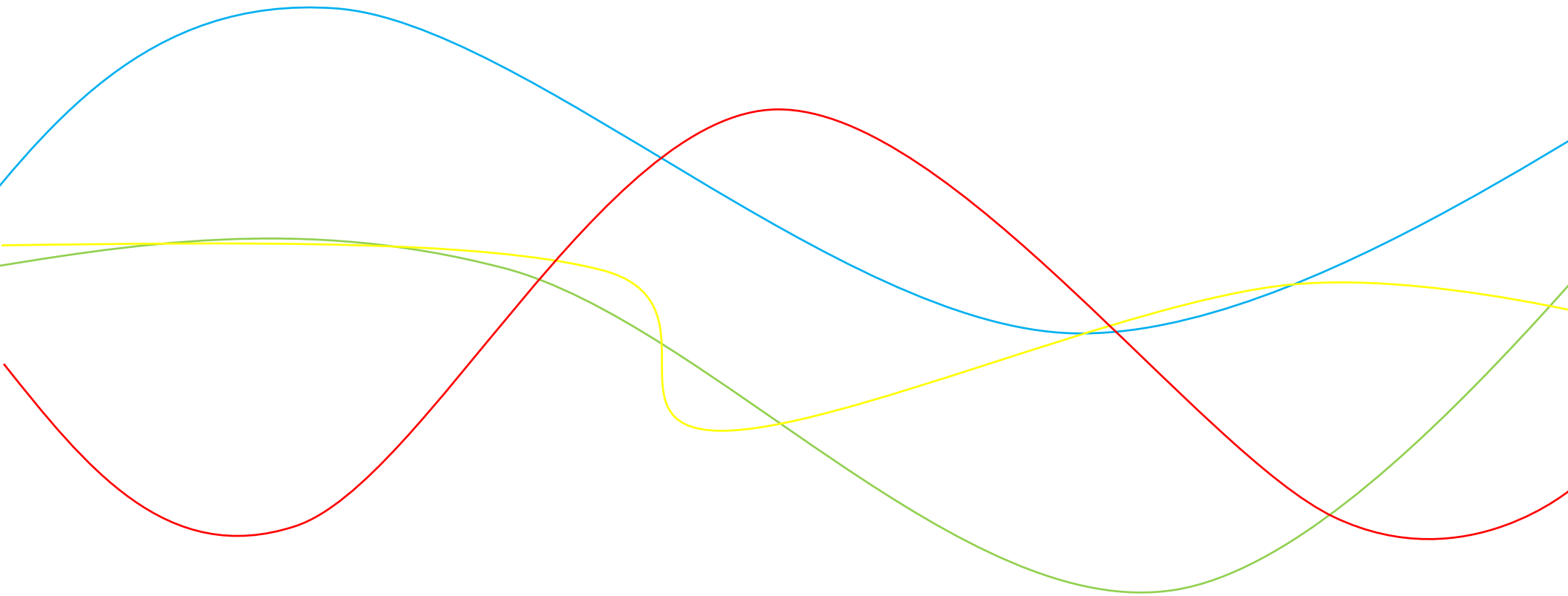


Report on infection source identification of
The Positive cases– History of unknown source of infection on Day 'zero'
July 2020



Department of Health & Family Welfare

Government of Kerala



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Report of COVID cases with unidentified Source on Day Zero for the month of July 2020

Background

Coronaviruses are single stranded enveloped RNA virus belonging to family Coronaviridae that can cause illness ranging from common cold to severe respiratory disease like MERS-CoV and SARS CoV. COVID-19 is a zoonotic disease and the current outbreak was first reported on 31st December 2019 from Wuhan, China. It spread to several countries and WHO declared it as Public health Emergency of International concern on 30th January 2020. On March 11th 2020 WHO declared it as Pandemic as there were more than 118,000 cases and 4291 deaths in 114 countries.

In India the first case of COVID- 19 was reported from Kerala on 30th January 2020 from a medical student who returned from Wuhan, China. Three cases were reported from Kerala by the first week of February. Kerala has had a 2nd wave of outbreak starting from 9th March 2020 and with the lockdown it controlled the number of cases. The third wave in Kerala started with the relaxation/ lifting up of lockdown from May 4th and flights starting operation from May 7th 2020.

As on July 31st there were 22303 confirmed COVID 19 cases in the state. There was drastic increase in the cases after June 30th with more cases being reported due to local transmission. In the month of July itself 17,861 cases were reported which contributes to 80% of the disease burden in Kerala. The district wise distribution of cases is depicted in Fig.1. Out of these 17,861 cases 12,275 (68.7%) cases got infected by local transmission and among

that the cases for which source could not be traced at the time of declaration was 1005 (5.63%). Out of the 1005 cases, for 561 cases possible linkage could be established which is depicted in Table No 1 and Figure.2.

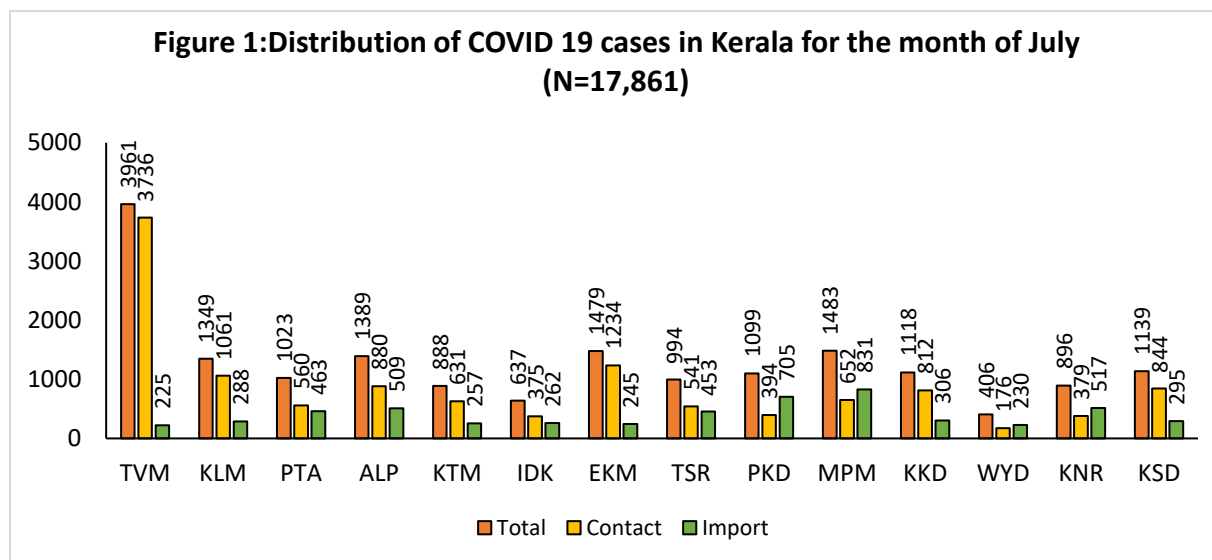


Table No 1: District wise distribution of cases with unknown source of contact on day zero(July 1st to 31st)

District	Number of cases declared unlinked on day zero	Source identified	Source not identified	Investigation ongoing
TVM	218	171	10	37
KLM	63	56	2	5
PTA	56	40	3	13
ALP	18	11	6	1
KTM	74	55	0	19
IDK	33	16	6	11
EKM	97	58	3	36
TSR	25	25	0	0
PKD	21	6	12	3
MLPM	190	15	2	173

KKD	82	5	0	77
WYND	7	7	0	0
KNR	24	24	0	0
KSD	97	72	2	23
Total	1005	561	46	422

The proportion of unlinked cases on the day of declaration was 5.6% in the state with maximum in Malappuram (12.8 %) and the least in Alappuzha (1.3%) district as shown in table.2.

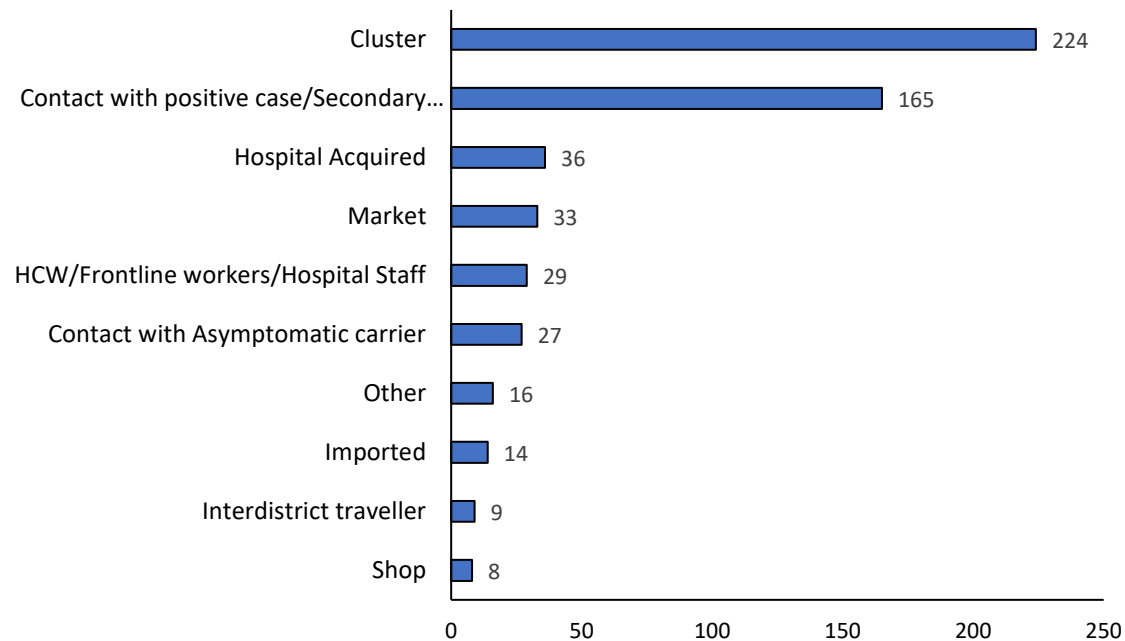
Table No 2: District wise distribution of proportion of cases with unknown source on day zero

District	Total no of Cases A	Import B (Out of A)	Contact C (Out of A)	Unknown Source at the time of declaration D (Out of C)	Proportion of Unknown Source at the time of declaration (%) (D/A)
TVM	3961	225	3736	218	5.50
KLM	1349	288	1061	63	4.67
PTA	1023	463	560	56	5.47
ALP	1389	509	880	18	1.30

KTM	888	257	631	74	8.33
IDK	637	262	375	33	5.18
EKM	1479	245	1234	97	6.56
TSR	994	453	541	25	2.52
PKD	1099	705	394	21	1.91
MPM	1483	831	652	190	12.81
KKD	1118	306	812	82	7.33
WYD	406	230	176	7	1.72
KNR	896	517	379	24	2.68
KSD	1139	295	844	97	8.52
Total	17861	5227	12275	1005	5.63

The detailed epidemiological investigation of the cases was conducted by the district team along with PEID cell to find the possible source of infection. Out of the 1005 cases, for 561 cases possible linkage could be established. It is depicted in Figure 2

Figure 2: Possible reasons identified for unlinked cases to turn positive (N=561)



Majority of the cases (39.9%) were part of cluster who came in contact with positive cases mainly at work place or market followed by contact with positive cases / primary contact of positive cases (29.4%); hospital acquired (6.4%); market (5.9%) where they would have come in contact with positive cases or asymptomatic carriers; health care workers or hospital staff or frontline workers (5.2%) who contracted the infection during their work when they would have come in contact with a positive case or asymptomatic case which was not detected.

District	Sl. No	Name	Gender	Age (Years)	Remarks
TVM	1	TVM 16	M	24	Secondary contact of positive case in the same locality
TVM	2	TVM 17	M	47	Secondary contact of positive case
TVM	3	TVM 18	M	25	Secondary contact of positive case
TVM	4	TVM 19	M	45	Investigation not possible due to wandering nature of patient, lack of mobile phone and ignorance of localities regarding his whereabouts.
TVM	5	TVM 20	F	25	Husband runs a shop in Kaliyikkavila, Tamil Nadu.
TVM	6	TVM 21	M	46	Resides nearby Connemara market. Possibility of sharing shopping space in the same locality of another positive patient, Zomato delivery boy.
TVM	7	TVM 22	M	27	He has frequent visits to COVID community spread area in Poonthura. Brother runs a medical shop in Poonthura and found positive later on.
TVM	8	TVM 23	M	37	food delivery carried out in containment areas
TVM	9	TVM 24	M	31	primary contact of Index case in Poonthura
TVM	10	TVM 25	F	8	Grandmother resides in Containment zone and has visited granddaughter; Mother works in same vicinity of CFLTC.
TVM	11	TVM 26	F	42	Has frequent visits to Hospitals due to fear of illness. Could be hospital acquired.

District	Sl. No	Name	Gender	Age (Years)	Remarks
TVM	12	TVM 27	M	62	Positive patients have visited the Milma booth multiple times.
TVM	13	TVM 28	M	29	Works in Covid affected Poonthura fish market
TVM	14	TVM 29	M	51	Part of Large community cluster Poonthura
TVM	15	TVM 30	F	22	Primary contact of positive auto driver in Iranimuttom
TVM	16	TVM 31	M	70	Investigation going on
TVM	17	TVM 32	M	65	Primary contact of positive patient in vallakadavu
TVM	18	TVM 33	M	42	Has occasionally visited Poonthura market
TVM	19	TVM 34	M	55	Likely chance of incurring infection while he was at Tamil Nadu
TVM	20	TVM 35	F	54	Primary contact of positive patient
TVM	21	TVM 36	M	50	Part of Large community cluster Poonthura
TVM	22	TVM 37	F	39	Primary contact of positive patient
TVM	23	TVM 38	F	31	Primary contact of positive patient
TVM	24	TVM 39	M	60	Investigation going on
TVM	25	TVM 40	F	28	Secondary contact of a positive patient
TVM	26	TVM 41	M	43	Auto Driver. Has gone for trips in cluster areas.
TVM	27	TVM 42	M	19	Student. Primary contact of principal at college in Mahi

District	Sl. No	Name	Gender	Age (Years)	Remarks
TVM	28	TVM 43	M	23	Auto Driver. Trips in areas with community spread
TVM	29	TVM 44	F	50	Fish Seller. Sale of fish in areas with community spread and clusters.
TVM	30	TVM 45	F	42	Resides in area of large cluster
TVM	31	TVM 46	F	47	Fish Seller. Sale of fish in areas with community spread and clusters.
TVM	32	TVM 47	F	52	Fish Seller. She is from Kamalessawarm. Sale of fish in areas with community spread and clusters.
TVM	33	TVM 48	M	33	Student. Primary contact of principal at college in Mahi
TVM	34	TVM 49	M	63	Source not identified
TVM	35	TVM 50	M	26	Service Technician. Primary contact of positive staff
TVM	36	TVM 51	M	43	Auto Driver. Trips in areas with community spread
TVM	37	TVM 52	M	38	House Keeping KIMS. Possible primary contact of positive patients
TVM	38	TVM 53	M	31	Service Technician. Source not identified.
TVM	39	TVM 54	F	8	Primary contact of positive patient
TVM	40	TVM 55	F	12	Father buys fish from Kumarichantha and sells at Thaliyil
TVM	41	TVM 56	M	12	Part of Large community cluster Poonthura

District	Sl. No	Name	Gender	Age (Years)	Remarks
TVM	42	TVM 57	F	22	Mother fish seller, Father went Al muneer medicals for buying medicines
TVM	43	TVM 58	M	24	Uncle had contact with positive case (Fish Seller)
TVM	44	TVM 59	M	51	Investigation going on
TVM	45	TVM 60	M	32	Father in law related to fish business
TVM	46	TVM 61	F	60	Relative is fish vendor
TVM	47	TVM 62	F	80	Investigation going on
TVM	48	TVM 63	M	19	Primary contact of positive staff and patients. Stayed at a private hospital at Parassala as bystander
TVM	49	TVM 64	M	40	Part of Large community cluster Poonthura
TVM	50	TVM 65	F	30	part of large community cluster Poonthura
TVM	51	TVM 66	F	17	Mother went to AL Muneer medicals
TVM	52	TVM 67	M	27	part of limited cluster at Poovachal
TVM	53	TVM 68	M	23	Part of Large community cluster Poonthura
TVM	54	TVM 69	F	56	part of large community cluster in Poonthura
TVM	55	TVM 70	M	79	part of large community cluster in Poonthura
TVM	56	TVM 71	M	20	Secondary contact of Medical store owner @ Poonthura CHC, SM lock
TVM	57	TVM 72	M	53	Used to go for fishing at Poonthura Kadappuram

District	Sl. No	Name	Gender	Age (Years)	Remarks
TVM	58	TVM 73	F	36	Her husband is fish seller
TVM	59	TVM 74	M	42	Fish business in Vizhinjam Kadappuram
TVM	60	TVM 75	M	19	Part of large community cluster in Poonthura
TVM	61	TVM 76	M	41	H/o travel to Vizhinjam for buying fish on 16/6/20.H/O travel to Sreeramakrishna hospital on 18/6/20.no other travel history or contact with traveler. He is a medical representative with no work history for the past 4 months.
TVM	62	TVM 77	M	27	Investigation going on
TVM	63	TVM 78	M	40	Brother's son who stayed with him as bystander at hospital also positive
TVM	64	TVM 79	M	56	Fish vendors at Vizhinjam
TVM	65	TVM 80	F	35	Part of large community cluster in Poonthura
TVM	66	TVM 81	F	14	Residing at Venganoor
TVM	67	TVM 82	M	72	He is fish vendor.
TVM	68	TVM 83	M	65	Residing at Vizhinjam
TVM	69	TVM 84	F	26	Part of large cluster Poonthura
TVM	70	TVM 85	F	24	Investigation going on
TVM	71	TVM 86	F	32	Primary contact of positive HCW at KIMS
TVM	72	TVM 87	F	28	Unlinked, HCW, Lakeshore hospital

District	Sl. No	Name	Gender	Age (Years)	Remarks
TVM	73	TVM 88	M	33	Part of large cluster Beemapally
TVM	74	TVM 89	M	44	Part of large cluster Pulluvila
TVM	75	TVM 90	F	24	Investigation going on
TVM	76	TVM 91	M	25	Part of large cluster Poonthura
TVM	77	TVM 92	F	42	Primary contact of positive patient, Receptionist, Private Hospital
TVM	78	TVM 93	M	52	Wahid traders Kaliyikkavila junction.Sales with retailers and customers.He had contact with agencies ditributor boys
TVM	79	TVM 94	M	52	Other state/district
TVM	80	TVM 95	F	22	Investigation going on
TVM	81	TVM 96	F	54	Her Husband is a fisherman at Poonthura who had fever and loose stools 1 week back (now relieved). not tested at that time. For him Ag test done on 12/7/2020 along with her, but negative . Most probably from the husband who by the time got tested might have turned negative
TVM	82	TVM 97	F	29	Part of large cluster Pulluvila
TVM	83	TVM 98	M	20	Part of large community cluster in Poonthura
TVM	84	TVM 99	M	29	Part of large community cluster in Poonthura
TVM	85	TVM 100	M	26	Part of limited cluster at Vallakadavu

District	Sl. No	Name	Gender	Age (Years)	Remarks
TVM	86	TVM 101	M	15	Source not identified
TVM	87	TVM 102	M	34	Primary contact of positive patient
TVM	88	TVM 103	M	78	Part of limited cluster at Chenkal
TVM	89	TVM 104	M	49	Part of large cluster at Perumathura
TVM	90	TVM 105	M	45	Part of large cluster at Vizhinjam
TVM	91	TVM 106	M	31	Source not identified
TVM	92	TVM 107	M	35	Investigation going on
TVM	93	TVM 108	M	42	Part of large community cluster in Valiyathura
TVM	94	TVM 109	F	31	Source not identified
TVM	95	TVM 110	F	60	Part of Anchuthengu cluster
TVM	96	TVM 111	F	54	Part of large community cluster in Poonthura
TVM	97	TVM 112	M	41	Part of large community cluster in Poonthura
TVM	98	TVM 113	F	35	Part of large cluster at Poonthura
TVM	99	TVM 114	F	23	From Tamil Nadu
TVM	100	TVM 115	M	47	Vizhinjam
TVM	101	TVM 116	F	45	Most probably from Vizhinam market
TVM	102	TVM 117	M	47	Part of Perumathura cluster
TVM	103	TVM 118	F	54	Primary contact of positive patient

District	Sl. No	Name	Gender	Age (Years)	Remarks
TVM	104	TVM 119	M	10	Fish sellers in house
TVM	105	TVM 120	M	43	Primary contact of positive patient
TVM	106	TVM 121	F	4	Part of large cluster at Poonthura
TVM	107	TVM 122	M	49	Part of Vallakadavu cluster
TVM	108	TVM 123	F	40	Primary contact of positive patient in office
TVM	109	TVM 124	F	52	Part of Anchuthengu cluster
TVM	110	TVM 125	M	26	Part of Vallakadavu cluster
TVM	111	TVM 126	F	10	Part of large cluster at Vizhinjam
TVM	112	TVM 127	M	47	Part of large community cluster in Poonthura
TVM	113	TVM 128	M	43	Primary contact of positive patient
TVM	114	TVM 129	M	1	Part of large cluster at Vizhinjam
TVM	115	TVM 130	M	82	Part of large cluster at Poonthura
TVM	116	TVM 131	F	43	Other state/district
TVM	117	TVM 132	M	36	Source not identified
TVM	118	TVM 133	M	38	Part of large community cluster in Vizhinjam
TVM	119	TVM 134	F	22	Most probably from husband who is an autodriver transporting fisherman
TVM	120	TVM 135	M	32	Part of large community cluster at Kadinamkulam

District	Sl. No	Name	Gender	Age (Years)	Remarks
TVM	121	TVM 136	M	56	Part of Valiyathura cluster
TVM	122	TVM 137	F	8	Father is a volunteer who works at poonthura
TVM	123	TVM 138	F	8	Part of large cluster at Vizhinjam
TVM	124	TVM 139	M	4	Part of large community cluster in Parassala
TVM	125	TVM 140	F	65	Part of cluster at Vizhinjam
TVM	126	TVM 141	F	40	Part of large community cluster in Parassala
TVM	127	TVM 142	F	60	Part of large cluster in MCH
TVM	128	TVM 143	F	53	Part of cluster at Karakulam
TVM	129	TVM 144	M	61	From Tamil Nadu
TVM	130	TVM 145	M	25	Part of Parassala cluster
TVM	131	TVM 146	M	56	Part of limited cluster at Parassala
TVM	132	TVM 147	F	34	Most probably from Vizhinjam cluster
TVM	133	TVM 148	M	30	Source not identified
TVM	134	TVM 149	M	28	Most probably from Vizhinjam cluster
TVM	135	TVM 150	M	35	Primary contact of positive fish vendor
TVM	136	TVM 151	F	58	Part of limited cluster at Parassala
TVM	137	TVM 152	F	49	Part of limited cluster Peringamala
TVM	138	TVM 153	M	6	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
TVM	139	TVM 154	F	30	Part of large community cluster at Poonthura
TVM	140	TVM 155	M	58	Part of limited cluster at Parassala
TVM	141	TVM 156	M	62	Part of large community cluster at valiyathura
TVM	142	TVM 157	M	56	Source not identified
TVM	143	TVM 158	F	49	Investigation going on
TVM	144	TVM 159	M	60	Vizhinjam is a coastal cluster zone
TVM	145	TVM 160	M	32	Could have procured infection from Tamil Nadu
TVM	146	TVM 161	F	21	Contact with positive case
TVM	147	TVM 162	F	20	Chalai Market
TVM	148	TVM 163	M	48	From the shops at Pangode Junction
TVM	149	TVM 164	M	56	MCH Tvm
TVM	150	TVM 165	M	56	MCH Tvm
TVM	151	TVM 166	F	35	HCW-COVID duty at CFLTC
TVM	152	TVM 167	M	62	Interstate traveler
TVM	153	TVM 168	F	72	Investigation going on
TVM	154	TVM 169	M	48	Contact with positive case
TVM	155	TVM 170	M	60	Investigation going on
TVM	156	TVM 171	M	57	Contact with positive case at Vizhinjam

District	Sl. No	Name	Gender	Age (Years)	Remarks
TVM	157	TVM 172	F	34	Contact with positive case
TVM	158	TVM 173	M	51	Contact with positive case at Vizhinjam
TVM	159	TVM 174	M	59	Investigation going on
TVM	160	TVM 175	F	38	Contact with positive case
TVM	161	TVM 176	M	29	Contact with positive case
TVM	162	TVM 177	M	57	Investigation going on
TVM	163	TVM 178	M	87	Investigation going on
TVM	164	TVM 179	F	27	Source not identified
TVM	165	TVM 181	M	55	Contact with positive case
TVM	166	TVM 182	F	23	Pulluvila Cluster
TVM	167	TVM 183	F	16	Poonthura cluster
TVM	168	TVM 184	M	72	Puthukurichy
TVM	169	TVM 185	F	22	Hospital
TVM	170	TVM 186	M	54	Investigation going on
TVM	171	TVM 187	M	67	Investigation going on
TVM	172	TVM 188	F	44	Contact with fish vendors at Vallakadaavu
TVM	173	TVM 189	M	40	Secondary Contact
TVM	174	TVM 190	M	52	Kadinamkulam Cluster

District	Sl. No	Name	Gender	Age (Years)	Remarks
TVM	175	TVM 191	M	28	Kadinamkulam Cluster
TVM	176	TVM 192	F	53	Investigation going on
TVM	177	TVM 193	M	42	Kadinamkulam Cluster
TVM	178	TVM 194	F	33	Kadinamkulam Cluster
TVM	179	TVM 195	M	26	Ponthura Cluster
TVM	180	TVM 196	M	40	Valiyathura Cluster
TVM	181	TVM 197	M	33	Kadinamkulam Cluster
TVM	182	TVM 198	F	47	Vizhinjam Cluster
TVM	183	TVM 199	F	29	Parassala Cluster
TVM	184	TVM 200	F	25	Pulluvilla Cluster
TVM	185	TVM 201	F	21	Vizhinjam Cluster
TVM	186	TVM 202	F	22	Poonthura cluster
TVM	187	TVM 203	F	62	Investigation going on
TVM	188	TVM 204	M	16	Poovar Cluster
TVM	189	TVM 206	F	42	Investigation going on
TVM	190	TVM 207	F	16	Kadinamkulam Cluster
TVM	191	TVM 208	M	33	Vizhinjam Cluster
TVM	192	TVM 209	M	31	Conatct with positive case

District	Sl. No	Name	Gender	Age (Years)	Remarks
TVM	193	TVM 210	M	28	Parassala Cluster
TVM	194	TVM 211	F	65	Investigation going on
TVM	195	TVM 212	F	29	Investigation going on
TVM	196	TVM 213	F	43	Contact with positive case
TVM	197	TVM 214	M	34	Contact with positive cases
TVM	198	TVM 215	F	58	Contact with positive cases
TVM	199	TVM 216	M	33	Contact with positive case
TVM	200	TVM 217	F	27	Contact with positive case
TVM	201	TVM 218	M	25	Contact with positive case
TVM	202	TVM 219	F	20	Investigation going on
TVM	203	TVM 220	M	50	Contact with positive case
TVM	204	TVM 221	M	23	Investigation going on
TVM	205	TVM 222	M	19	Investigation going on
TVM	206	TVM 223	M	42	Investigation going on
TVM	207	TVM 224	F	48	Investigation going on
TVM	208	TVM 225	M	54	Investigation going on
TVM	209	TVM 226	F	22	Investigation going on
TVM	210	TVM 227	M	25	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
TVM	211	TVM 228	M	50	Investigation going on
TVM	212	TVM 229	F	25	Investigation going on
TVM	213	TVM 230	M	52	Investigation going on
TVM	214	TVM 231	F	73	Investigation going on
TVM	215	TVM 232	M	18	Contact with positive case
TVM	216	TVM 233	F	22	Investigation going on
TVM	217	TVM 234	F	26	Investigation going on
TVM	218	TVM 235	M	36	Contact with positive case
KLM	219	KLM 14	M	81	Possible source asymptomatic or unknown case at market place Kunnikkodu. Another positive case was frequent visitor of that market.
KLM	220	KLM 15	M	33	Most probable source is asymptomatic customers who came to his mobile shop and also asymptomatic visitors in the neighborhood mobile shops or contained mobile phones he repaired with bare hands
KLM	221	KLM 16	F	26	Primary contact (brother)
KLM	222	KLM 17	M	36	Most probably from market place where he would have had contact with positive case
KLM	223	KLM 18	M	52	Probable source may be Kayamkulam Market

District	Sl. No	Name	Gender	Age (Years)	Remarks
KLM	224	KLM 19	F	30	HCW, Staff nurse of private hospital. She gives h/o administering injection without wearing gloves. Primary contact of Positive case
KLM	225	KLM 20	M	29	Most probable source is from market place (Cinemaparambu market-Sasthamkotta market) where he had contact with positive case
KLM	226	KLM 21	M	21	Kayamkulam Market-Contact with positive case
KLM	227	KLM 22	M	50	Contact with patient admitted in the same ward who turned positive
KLM	228	KLM 23	M	32	Brother working in Azheckal fish market who was tested positive
KLM	229	KLM 24	M	35	Kavanad Market
KLM	230	KLM 25	F	40	Possible source contact with asymptomatic case who would have visited Hypermarket
KLM	231	KLM 26	M	27	Possible source contact with asymptomatic case who would have visited the shop when he was working
KLM	232	KLM 27	M	38	Chadayamangalam fish market
KLM	233	KLM 28	F	63	Contact with positive case
KLM	234	KLM 29	M	18	Chadayamangalam fish market
KLM	235	KLM 30	M	23	Possible source contact with asymptomatic case who would have visited the shop he was working

District	Sl. No	Name	Gender	Age (Years)	Remarks
KLM	236	KLM 31	M	32	Chadayamangalam fish market
KLM	237	KLM 32	M	80	MCH TVM Cluster
KLM	238	KLM 33	M	68	Possible source contact with asymptomatic case who would have visited the shop he was working
KLM	239	KLM 34	M	31	Anjuthengu Cluster
KLM	240	KLM 35	M	61	Possible source contact with asymptomatic case who would have visited the shop he was working
KLM	241	KLM 36	M	39	contact with positive case
KLM	242	KLM 37	M	53	Chadayamangalam fish market
KLM	243	KLM 38	M	42	Thalachira Cluster
KLM	244	KLM 39	F	21	Thalachira Cluster
KLM	245	KLM 40	M	71	Possible source from the hospital he was admitted
KLM	246	KLM 41	M	49	Ayiramthengu Kadavu where he used to collect fish
KLM	247	KLM 42	M	31	Contact with positive cases while transferring them to hospital
KLM	248	KLM 43	M	61	Anjilimoodu fish market
KLM	249	KLM 44	M	44	Chadayamangalam cluster
KLM	250	KLM 45	M	40	Chadayamangalam fish market
KLM	251	KLM 46	M	45	Source not identified

District	Sl. No	Name	Gender	Age (Years)	Remarks
KLM	252	KLM 47	M	27	MCH TVM
KLM	253	KLM 48	M	47	Contact with asymptomatic cases from Sakthikulangara and Neendakara
KLM	254	KLM 49	M	27	Chadayamangalam fish market
KLM	255	KLM 50	F	45	Investigation going on
KLM	256	KLM 51	M	42	Valakom Market
KLM	257	KLM 52	M	22	Chadayamangalam fish market
KLM	258	KLM 53	M	32	Chadayamangalam fish market
KLM	259	KLM 54	M	34	Investigation going on
KLM	260	KLM 55	F	73	Investigation going on
KLM	261	KLM 56	M	45	Brother working in Azheckal fish market
KLM	262	KLM 57	M	52	Chadayamangalam cluster
KLM	263	KLM 58	F	32	Contact with positive case
KLM	264	KLM 59	M	48	Source could be asymptomatic cases from this containment zone
KLM	265	KLM 60	M	23	Chadayamangalam market
KLM	266	KLM 61	F	42	ASHA, possible exposure during field work
KLM	267	KLM 62	F	55	Contact of positive case

District	Sl. No	Name	Gender	Age (Years)	Remarks
KLM	268	KLM 63	F	37	Investigation going on
KLM	269	KLM 64	F	23	Staff nurse -MCH TVM
KLM	270	KLM 65	M	42	Kottarakara fish market
KLM	271	KLM 66	M	37	Chadayamangalam fish market
KLM	272	KLM 67	M	55	Chadayamangalam fish market
KLM	273	KLM 68	F	32	Contact with Asymptomatic case
KLM	274	KLM 69	M		Chadayamangalam fish market
KLM	275	KLM 70	F	28	Private hospital
KLM	276	KLM 71	M	25	Source not identified
KLM	277	KLM 72	F	42	Neendakara Harbour Cluster
KLM	278	KLM 73	M	19	Interdistrict travel
KLM	279	KLM 74	M	47	Investigation going on
KLM	280	KLM 75	M	36	Any of patients might be in the late infective period and now turned negative status. Another possibility is he might have got infection from travel to Thodupuzha
KLM	281	KLM 76	M	25	Contact from asymptomatic patients
PTA	282	PTA 2	M	22	Contact with truck drivers from Tamil Nadu and Karnataka

District	Sl. No	Name	Gender	Age (Years)	Remarks
PTA	283	PTA 3	M	36	Source of infection Doctor's brother in law who was symptomatic 6 days before doctor developed symptoms and was declared as positive in Kottayam district.
PTA	284	PTA 4	F	42	Contact with truck drivers from Tamil Nadu and Karnataka
PTA	285	PTA 5	M	27	Native of Kannur, was working as Volunteer at CCC, Arattupuzha
PTA	286	PTA 6	M	26	Contact with Kumbazha Cluster
PTA	287	PTA 7	M	60	He had visited elder brother's son's marriage 8 days before he developed symptoms. Elder brother and son in Kottayam were diagnosed positive in Kottayam.
PTA	288	PTA 8	M	35	Contact with Kumbazha Cluster case who had social work
PTA	289	PTA 9	M	37	Source not identified
PTA	290	PTA 10	M	34	Linked to Kumbazha cluster.
PTA	291	PTA 11	M	24	Covid volunteer
PTA	292	PTA 12	M	26	Working in Indus Ind bank. source of infection: His brother in law was working in Kumbazha market who was turned positive later.
PTA	293	PTA 13	M	40	Kumbazha cluster contact

District	Sl. No	Name	Gender	Age (Years)	Remarks
PTA	294	PTA 14	M	59	Works in kumbazha fish market
PTA	295	PTA 15	M	45	Works in Kumbazha fish market.
PTA	296	PTA 16	F	47	HCW; head nurse of Psychiatry ward at Pushpagiri hospital. source of infection: another Nun sister who had travel to Gujrat. later all became positive included in Thukalasseri Institutional Cluster
PTA	297	PTA 17	F	50	linked to Kumbazha cluster. One of her postnatal patient's husband was a worker at Kumbazha. the whole family turned positive later.
PTA	298	PTA 18	M	50	Source not identified
PTA	299	PTA 19	M	31	Possible source of infection from interdistrict travel, Ernakulam, Kottayam
PTA	300	PTA 20	M	47	Kumbazha Cluster
PTA	301	PTA 21	M	29	Brother in law of positive case
PTA	302	PTA 22	M	46	Investigation going on
PTA	303	PTA 23	M	30	Interdistrict travel
PTA	304	PTA 24	M	44	Kumbazha Cluster
PTA	305	PTA 25	M	49	Kumbazha Cluster
PTA	306	PTA 26	M	8	Investigation going on
PTA	307	PTA 27	F	59	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
PTA	308	PTA 28	M	46	Investigation going on
PTA	309	PTA 29	M	45	Investigation going on
PTA	310	PTA 30	F	24	Govt Hospital
PTA	311	PTA 31	F	36	GH Adoor Cluster
PTA	312	PTA 32	M	24	Investigation going on
PTA	313	PTA 33	M	24	Investigation going on
PTA	314	PTA 34	F	26	Investigation going on
PTA	315	PTA 35	M	29	Frontline worker-COVID squad duty
PTA	316	PTA 36	M	60	Contact with asymptomatic case
PTA	317	PTA 37	M	59	Chenganassery Market
PTA	318	PTA 38	F	25	Possible source from hospital
PTA	319	PTA 39	M	17	Contact with positive case
PTA	320	PTA 40	F	36	GH Adoor Cluster
PTA	321	PTA 41	F	35	Contact with positive case
PTA	322	PTA 42	F	34	Investigation going on
PTA	323	PTA 43	M	38	Investigation going on
PTA	324	PTA 44	M	54	Kumbazha Market
PTA	325	PTA 45	F	51	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
PTA	326	PTA 46	M	6	Contact of positive case
PTA	327	PTA 47	M	15	Source not identified
PTA	328	PTA 48	M	61	Kumbazha Cluster
PTA	329	PTA 49	M	43	Possible source could be the fish vendor he came in contact when they came to his house for selling fish
PTA	330	PTA 50	M	59	Interdistrict travel
PTA	331	PTA 51	M	54	Investigation going on
PTA	332	PTA 52	M	34	Interdistrict travel
PTA	333	PTA 53	F	19	Contact with positive case
PTA	334	PTA 54	M	16	Investigation going on
PTA	335	PTA 55	M	40	Payippad fish market
PTA	336	PTA 56	F	43	MCH TVM Cluster
PTA	337	PTA 57	M	53	Shop-where inter district travellers come
ALP	338	ALP 3	F	22	Source not identified
ALP	339	ALP 4	F	29	Chellanam market
ALP	340	ALP 5	F	22	Chellanam market
ALP	341	ALP 6	M	38	Fish market
ALP	342	ALP 7	F	48	Cherthala cluster

District	Sl. No	Name	Gender	Age (Years)	Remarks
ALP	343	ALP 8	F	37	Cherthala cluster
ALP	344	ALP 9	F	29	Pallithode cluster.
ALP	345	ALP 10	F	31	Source not identified
ALP	346	ALP 11	M	52	Coastal area, Chellanam harbour.
ALP	347	ALP 12	M	56	Coastal area, Chellanam harbour.
ALP	348	ALP 13	M	50	Amalgom sea food.
ALP	349	ALP 14	F	27	Source not identified
ALP	350	ALP 15	F	19	Source not identified
ALP	351	ALP 16	M	55	Chellanam cluster. Chellanam was a containment zone
ALP	352	ALP 17	M	31	Source not identified
ALP	353	ALP 18	F	75	Investigation going on
ALP	354	ALP 19	M	52	Contact with positive case
ALP	355	ALP 20	M	35	Source not identified
KTM	356	KTM 8	M	72	Investigation ongoing
KTM	357	KTM 9	F	34	Investigation ongoing
KTM	358	KTM 10	F	3	Contact with positive case
KTM	359	KTM 11	M	65	Contact with positive case

District	Sl. No	Name	Gender	Age (Years)	Remarks
KTM	360	KTM 12	M	31	Staff Nurse ,was having swab collection duty in THQH Pampady May 1 st - July 10 th
KTM	361	KTM 13	M	41	The panchayath had cases reported from the Changanassery cluster
KTM	362	KTM 14	F	39	Investigation ongoing
KTM	363	KTM 15	M	40	Investigation ongoing
KTM	364	KTM 16	M	63	Investigation ongoing
KTM	365	KTM 17	F	20	Investigation ongoing
KTM	366	KTM 18	M	37	Fish vendor, might have contracted from Changanassery market (cluster cases present)
KTM	367	KTM 19	M	60	Fish vendor, might have contracted from Changanassery market(cluster cases present)
KTM	368	KTM 20	M	40	HCW
KTM	369	KTM 21	F	44	HCW
KTM	370	KTM 22	M	40	CCC Staff
KTM	371	KTM 23	F	42	HCW
KTM	372	KTM 24	F	41	HCW
KTM	373	KTM 25	F	51	HCW

District	Sl. No	Name	Gender	Age (Years)	Remarks
KTM	374	KTM 26	M	46	Fish vendor, might have contracted from changanassery market(cluster cases present)
KTM	375	KTM 27	M	62	Fish vendor, might have contracted from changanassery market(cluster cases present)
KTM	376	KTM 28	M	29	Investigation going on
KTM	377	KTM 29	M	49	Investigation going on
KTM	378	KTM 30	M	28	Fish vendor, might have contracted from changanassery market(cluster cases present)
KTM	379	KTM 31	M	18	Fish vendor, might have contracted from changanassery market(cluster cases present)
KTM	380	KTM 32	M	60	Investigation going on
KTM	381	KTM 33	M	55	Might have contracted from ettumanoor vegetable market, more cases are reported from there.
KTM	382	KTM 34	M	35	Fish vendor, might have contracted from changanassery market(cluster cases present)
KTM	383	KTM 35	M	27	He was admitted at TVM, MCH. many cases in the ward was positive . hence he was tested and positive
KTM	384	KTM 36	M	27	Investigation going on
KTM	385	KTM 37	M	29	Fish vendor, might have contracted from the market(Kovilathukadavu, kumarakom)

District	Sl. No	Name	Gender	Age (Years)	Remarks
KTM	386	KTM 38	M	65	Fish vendor, might have contracted from changanassery market(cluster cases present)
KTM	387	KTM 39	M	35	Fish vendor, might have contracted from changanassery market(cluster cases present)
KTM	388	KTM 40	M	30	Fish vendor, might have contracted from paippad market(cluster cases present), primary contact of positive case
KTM	389	KTM 41	M	39	Fish vendor, might have contracted from changanassery market(cluster cases present), contact with positive case
KTM	390	KTM 42	M	40	Fish vendor, might have contracted from changanassery market(cluster cases present), primary contact of positive case
KTM	391	KTM 43	M	39	Fish vendor, might have contracted from the market(Kovilathukadavu, kumarakom)
KTM	392	KTM 44	M	57	Fish vendor, might have contracted from the vaikom market
KTM	393	KTM 45	M	44	Fish vendor, might have contracted from paippad market(cluster cases present),Primary contact of positive cases
KTM	394	KTM 46	M	54	Fish vendor, might have contracted from changanassery market(cluster cases present), Primary contact of positive case

District	Sl. No	Name	Gender	Age (Years)	Remarks
KTM	395	KTM 47	M	56	Fish vendor, might have contracted from changanassery market(cluster cases present), Primary contact of positive case
KTM	396	KTM 48	M	39	Fish vendor, might have contracted from paippad market(cluster cases present), Pimary contact of positive case
KTM	397	KTM 49	M	18	Investigation going on
KTM	398	KTM 50	M	49	Investigation going on
KTM	399	KTM 51	M	46	Most probably from the hospital where he took his son for treatment
KTM	400	KTM 52	M	54	Most probably He could have contracted the infection through his asymptomatic sons, who have exposure at Ettumanoor fish market (an antibody testing could help to rule out the same) or he could have been infected during his health care visit.
KTM	401	KTM 53	F	49	She may have contracted disease from Hospital -TVM Medical college
KTM	402	KTM 54	M	50	Investigation going on
KTM	403	KTM 55	M	41	Owner of veg shop in ettumanoor market ,Most probably contracted disease from Market- Positive Cases were reported from the Ettumanoor Market.

District	Sl. No	Name	Gender	Age (Years)	Remarks
KTM	404	KTM 56	M	28	He might have contracted the disease from Ettumanoor market (he had many contacts there and their covid status is unknown). or from an unknown asymptomatic patient as he had travel history to many offices and places.
KTM	405	KTM 57	F	27	Ettumanoor market (he had many contacts there and their covid status is unknown).
KTM	406	KTM 58	F	24	She might have got the infection from her mother who was symptomatic 2 weeks back and visited markets, shops and other public places.
KTM	407	KTM 59	M	49	Might have contracted disease from ettumanoor vegetable market, cluster there.
KTM	408	KTM 60	M	19	He might have contracted the disease from his mother who works at Chemeen factory Eramelloor where positive cases had been reported and also she was symptomatic.
KTM	409	KTM 61	M	51	He might have contracted disease from Changanassery fish market from where a lot of cases have been reported. He used to go to market
KTM	410	KTM 62	F	58	Most probably she might have contracted the infection from any of the travellers in the bus or from any of her coworkers in her company.

District	Sl. No	Name	Gender	Age (Years)	Remarks
KTM	411	KTM 63	M	39	Visited Chanaganasery market frequently- contracted disease from Market- Positive Cases were reported from Chanaganasery Market.
KTM	412	KTM 64	F	64	She might have contracted the disease from an unknown asymptomatic/symptomatic patient that she came across while hospital visits. or from any of the visitors that they had.
KTM	413	KTM 65	M	48	He might have contracted disease from the primary contact of a positive case or from the funeral he attended.
KTM	414	KTM 66	M	80	Admitted at Private Hospital ICU, with heart illness and breathlessness, COPD, DM, Heart Disease, Ca Testis-he may have contracted disease from Hospital
KTM	415	KTM 67	F	31	Investigation going on
KTM	416	KTM 68	F	18	Investigation going on
KTM	417	KTM 69	F	49	Investigation going on
KTM	418	KTM 70	M	85	Investigation going on
KTM	419	KTM 71	F	31	Investigation going on
KTM	420	KTM 72	F	40	Hospital duty 13/07 to 20/07 at GH Kottayam,-She may have contracted disease from Hospital (asymptomatic patient/bystander)

District	Sl. No	Name	Gender	Age (Years)	Remarks
KTM	421	KTM 73	M	24	Contact - Source- Visited Ettumanoor market frequently- contracted disease from Market- Positive Cases were reported from the Ettumanoor Market.
KTM	422	KTM 74	F	52	HCW in Pulayanarkotta Hospital- Washing(Already positive cases reported from the Chest CDH Hospital TVM
KTM	423	KTM 75	F	20	15 to 20 July 2020- she was stayed at MCH Kottayam as bystander of her mother- Positive cases reported in the same ward
KTM	424	KTM 76	F	58	HCW ; might have contracted the disease from an asymptomatic patient/bystander
KTM	425	KTM 77	F	32	She may have contracted disease from OBG ward at MCH kottayam, more cases was there among patients, bystanders and HCW from the ward.(Admitted due for delivery at MCH
KTM	426	KTM 78	F	58	04 to 24 th July 2020- she was stayed at MCH Kottayam as bystander of her mother- Positive cases reported in the same ward
KTM	427	KTM 79	M	54	Working in Athirampuzha area as Tea Shop Owner- Unknown Source- Epidemiological Investigation is ongoing
KTM	428	KTM 80	M	65	Contact of changanacherry market Positive cases

District	Sl. No	Name	Gender	Age (Years)	Remarks
KTM	429	KTM 81	F	68	She may have contracted disease from Hospital (Admitted due to Surgery at MCH Kottayam on 23.07.2020)
IDK	430	IDK 8	F	46	Source not identified
IDK	431	IDK 9	F	41	Her primary contacts from Hotel Thouffeq turned out to be positive finally resulting in an institutional cluster and then is currently spreading to form different community clusters in the nearby areas. The investigation suggests now that she might have been infected while having food at this hotel. Staff from the hotel including owner and their family members have turned out to be positive.
IDK	432	IDK 10	F	28	Most probably from the hospital she worked
IDK	433	IDK 11	M	30	Rajakkadu Cluster
IDK	434	IDK 12	M	44	Rajakkadu Cluster
IDK	435	IDK 13	M	68	Source not identified
IDK	436	IDK 14	F	82	Rajakkadu Cluster (Primary Contact of Positive case)
IDK	437	IDK 15	M	27	Source not identified

District	Sl. No	Name	Gender	Age (Years)	Remarks
IDK	438	IDK 16	M	29	Source not identified
IDK	439	IDK 17	F	53	Rajakkadu Cluster
IDK	440	IDK 18	M	57	Rajakkadu Cluster
IDK	441	IDK 19	M	59	Contact of positive case
IDK	442	IDK 20	M	41	Source not identified
IDK	443	IDK 21	M	45	Investigation ongoing
IDK	444	IDK 22	M	53	Investigation ongoing
IDK	445	IDK 23	M	34	Investigation ongoing
IDK	446	IDK 24	F	55	Rajakkadu Cluster Running a stitching shop at Rajakkadu. Her son owns a bakery in the same area.
IDK	447	IDK 25	M	58	Rajakkadu cluster Husband of positive female. Used to work in bakery owned by his son and also in an oil mill in rajakkadu. A positive case named Arjun was a frequent visitor in the bakery. Also another positive case named biju who later turned out to be positive later who is working along with him in the oil mill has a travel history to thriuvananthapuram when the corporation was under lock down.
IDK	448	IDK 26	M	67	Rajakkadu Cluster
IDK	449	IDK 27	M	45	Investigation ongoing

District	Sl. No	Name	Gender	Age (Years)	Remarks
IDK	450	IDK 28	F	59	Investigation ongoing
IDK	451	IDK 29	M	42	Investigation ongoing
IDK	452	IDK 30	M	24	Investigation ongoing
IDK	453	IDK 31	M	40	Being a person who handles public transportation as such, pointing a source of infection is very difficult. He is hailing from an area with many cases at that time. Kanjukkuzhi panchayat had more than 10 positive cases at that time.
IDK	454	IDK 32	M	65	Investigation ongoing
IDK	455	IDK 33	M	39	Investigation ongoing
IDK	456	IDK 34	F	51	Staff of COVID hospital. Has no direct contact with any COVID patients. One of her close contact (staff of hospital) has turned out to be positive later on. Most probably she might have got the infection from him. As he has extensive contact with positive patients while shifting patients in ambulance. Though breach in PPE cannot be established from his history, investigation suggests breach in PPE had occurred.
IDK	457	IDK 35	M	41	Being a person who handles public transportation as such. Pointing a source of infection is very difficult. He is hailing from an area with many cases at that time. Keerithodu area in Kanjukkuzhi panchayat had more than 10 positive cases at that time.

District	Sl. No	Name	Gender	Age (Years)	Remarks
IDK	458	IDK 36	M	51	Contact with positive case
IDK	459	IDK 37	M	42	Investigation ongoing
IDK	460	IDK 38	M	42	Investigation ongoing
IDK	461	IDK 39	M	42	Rajakkadu Cluster
IDK	462	IDK 40	M	26	Source not identified
EKM	463	EKM 9	F	64	Contact with positive case(son)
EKM	464	EKM 10	M	50	Contact with positive case
EKM	465	EKM 11	F	52	Contact with positive case
EKM	466	EKM 12	M	54	Source not identified
EKM	467	EKM 13	M	35	Aluva Cluster
EKM	468	EKM 14	M	29	Aluva Cluster
EKM	469	EKM 15	M	51	Aluva Cluster
EKM	470	EKM 16	F	40	Airport
EKM	471	EKM 17	F	30	Private Hospital
EKM	472	EKM 18	M	49	Index case of Keezhmad Cluster. Probable source Aluva cluster
EKM	473	EKM 19	M	39	Aluva cluster
EKM	474	EKM 20	M	38	Contact with positive case

District	Sl. No	Name	Gender	Age (Years)	Remarks
EKM	475	EKM 21	M	59	Source is Aluva Cluster
EKM	476	EKM 22	F	52	Went to Aluva market Source is Aluva Market Cluster
EKM	477	EKM 23	F	58	Source is Aluva Cluster
EKM	478	EKM 24	F	64	Contact with positive case
EKM	479	EKM 25	F	21	Contact with positive case
EKM	480	EKM 26	M	67	Maradu Market - Index case
EKM	481	EKM 27	M	67	Source is Keezhmad Cluster
EKM	482	EKM 28	M	79	Contact with positive case(son)
EKM	483	EKM 29	M	50	Source not identified
EKM	484	EKM 30	F	43	Municipality worker Source - Aluva Market
EKM	485	EKM 31	M	27	Source not identified
EKM	486	EKM 32	F	36	Contact with positive case
EKM	487	EKM 33	M	43	Driver at Aluva market
EKM	488	EKM 34	F	21	Bedridden tracheostomized source Alangad cluster
EKM	489	EKM 35	M	27	Investigation ongoing

District	Sl. No	Name	Gender	Age (Years)	Remarks
EKM	490	EKM 36	F	15	Father is fish seller. He takes fish from Vizhinjam market and sells in nearby areas. But his antigen test is negative
EKM	491	EKM 37	M	62	Private Hospital
EKM	492	EKM 38	F	53	Investigation going on
EKM	493	EKM 39	M	43	Investigation going on
EKM	494	EKM 40	M	71	Investigation going on
EKM	495	EKM 41	F	56	Aluva Cluster
EKM	496	EKM 42	M	34	Investigation going on
EKM	497	EKM 43	M	76	Investigation going on
EKM	498	EKM 44	F	31	Private Hospital
EKM	499	EKM 45	M	32	Investigation going on
EKM	500	EKM 46	M	26	Investigation going on
EKM	501	EKM 47	M	19	Investigation going on
EKM	502	EKM 48	F	31	Aluva Cluster
EKM	503	EKM 49	M	32	Contact with a positive case in the hospital
EKM	504	EKM 50	M	30	Aluva Cluster
EKM	505	EKM 51	M	30	HCW
EKM	506	EKM 52	F	34	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
EKM	507	EKM 53	M	52	Chelanam Cluster
EKM	508	EKM 54	M	56	Investigation going on
EKM	509	EKM 55	F	62	Investigation going on
EKM	510	EKM 56	M	9	Private Hospital
EKM	511	EKM 57	M	52	GH Ernakulam
EKM	512	EKM 58	F	71	Investigation going on
EKM	513	EKM 59	M	34	Aluva Cluster
EKM	514	EKM 60	M	37	Investigation going on
EKM	515	EKM 61	M	37	Keezhmad Cluster
EKM	516	EKM 62	F	53	ESI Hospital, Pathalam
EKM	517	EKM 63	M	35	Grand Mall, Edapally
EKM	518	EKM 64	M	37	Aluva Cluster
EKM	519	EKM 65	M	35	Investigation going on
EKM	520	EKM 66	M	30	Investigation going on
EKM	521	EKM 67	M	40	Contact with positive case
EKM	522	EKM 68	M	34	Fort Kochi Cluster
EKM	523	EKM 69	M	62	Nettoor Market
EKM	524	EKM 70	M	45	Contact with positive case

District	Sl. No	Name	Gender	Age (Years)	Remarks
EKM	525	EKM 71	F	52	Keezhmad Cluster
EKM	526	EKM 72	F	27	Investigation going on
EKM	527	EKM 73	F	21	Investigation going on
EKM	528	EKM 74	M	30	Aluva Cluster
EKM	529	EKM 75	M	53	Contact with positive case
EKM	530	EKM 76	M	68	Investigation going on
EKM	531	EKM 77	M	64	West Kochi cluster
EKM	532	EKM 78	M	42	Contact with positive case
EKM	533	EKM 79	F	65	Investigation going on
EKM	534	EKM 80	M	44	Investigation going on
EKM	535	EKM 81	M	26	Nettoor Market
EKM	536	EKM 82	F	10	Investigation going on
EKM	537	EKM 83	M	34	Investigation going on
EKM	538	EKM 84	M	78	Private Hospital
EKM	539	EKM 85	F	80	Investigation going on
EKM	540	EKM 86	F	36	Agappe Diagnostics
EKM	541	EKM 87	M	44	Investigation going on
EKM	542	EKM 88	M	48	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
EKM	543	EKM 89	F	49	Investigation going on
EKM	544	EKM 90	F	33	Investigation going on
EKM	545	EKM 91	F	60	Investigation going on
EKM	546	EKM 92	M	65	Private Hospital
EKM	547	EKM 93	M	51	Investigation going on
EKM	548	EKM 94	F	25	Edathala cluster
EKM	549	EKM 95	F	54	Investigation going on
EKM	550	EKM 96	F	53	Investigation going on
EKM	551	EKM 97	M	39	Investigation going on
EKM	552	EKM 98	F	27	Aluva Cluster
EKM	553	EKM 99	M	40	Aluva Cluster
EKM	554	EKM 100	M	30	Govt.Hospital
EKM	555	EKM 101	M	23	Private Hospital
EKM	556	EKM 102	M	40	Investigation going on
EKM	557	EKM 103	M	37	Private Hospital

District	Sl. No	Name	Gender	Age (Years)	Remarks
EKM	558	EKM 104	M	66	Investigation going on
EKM	559	EKM 105	M	40	Investigation going on
TSR	560	TSR 22	M	36	Repeated visits to the Kunnamkulam market can be thought of as the most probable source of infection. Work related visits to containment zones and workplace being located in a containment zone are equally probable sources of infection.
TSR	561	TSR 23	M	28	Common source of exposure from the patients who came to the canteen since Irinjalakkuda has been in the hot spot list from June 9th . His swab which was positive was taken on July 8th and another co worker's swab which was positive was taken on July 15th. This time period of swab positivity suggests more to the possibility of a common source of exposure. Positive cases may have come and had food at the canteen. Another possibility is 108 ambulance drivers who used to come to the canteen to have food. Also one of the co worker (the cashier)who had turned positive , working as a head load worker can also be a possible source.
TSR	562	TSR 24	F	8	Most probably got the infection from her grandaunt
TSR	563	TSR 25	F	26	Repeated visits to the Irinjalakuda market can be thought of as the most probable source of infection. Work related visits to containment zones and workplace

District	Sl. No	Name	Gender	Age (Years)	Remarks
					being located near to containment zones are equally probable sources of infection
TSR	564	TSR 26	M	48	He is involving Covid control activities by shifting covid patients. His house is in containment area of Thrissur district.
TSR	565	TSR 27	M	52	He is working in KSE limited Irinjalakuda which is a big cluster of Thrissur District
TSR	566	TSR 28	M	46	Driver in Containment zone - All his relatives are positive cases
TSR	567	TSR 29	M	46	Contact of Positive case at Alapuzha
TSR	568	TSR 30	M	23	Belong to Irinjalakuda cluster. Works in Polly plast company from where positive cases reported
TSR	569	TSR 31	M	50	Belong to Kerala Feeds cluster
TSR	570	TSR 32	M	4	Contact of positive case of Veloorkara
TSR	571	TSR 33	M	32	From Sakthan Cluster area of Thrissur
TSR	572	TSR 34	M	45	Contact of traveller
TSR	573	TSR 35	M	43	Traveller from Tamilnadu
TSR	574	TSR 36	F	38	Contact of positive case

District	Sl. No	Name	Gender	Age (Years)	Remarks
TSR	575	TSR 37	M	45	Contact of Rappai KLE cluster in Irinjalakuda
TSR	576	TSR 38	M	31	Contact with positive case of Pattambi Cluster
TSR	577	TSR 39	F	35	Belong to Irinjalakuda cluster
TSR	578	TSR 40	M	38	Husband working in Kunnamkulam cluster area as house to house collection agent ICICI Bank
TSR	579	TSR 41	M	32	Police Officer in SP Office, Thrissur and is involved in Covid activities
TSR	580	TSR 42	M	34	Traveller from Aluva which is known cluster of Ernakulam District.
TSR	581	TSR 43	M	29	Belongs to containment area Velloorkkara and is a frontline worker in the area as panchayat Member.
TSR	582	TSR 44	M	63	He is from containment area and he gives h/o visiting hospital frequently and uses public transport
TSR	583	TSR 45	F	36	She is a frontline worker. Her husband police officer. She has visited THQH Kodungallur which is Covid hospital
TSR	584	TSR 46	M	52	He is Tahsildar working in Thalapilly which is in Kunnamkulam cluster area
PKD	585	PKD 25	F	24	Source not identified
PKD	586	PKD 26	M	20	Source not identified
PKD	587	PKD 27	M	27	Contact with Positive Case

District	Sl. No	Name	Gender	Age (Years)	Remarks
PKD	588	PKD 28	M	34	Most probably from the funeral he attended
PKD	589	PKD 29	M	43	Source not identified
PKD	590	PKD 30	M	19	Source not identified
PKD	591	PKD 31	M	47	Possible source from asymptomatic cases who came from Ponnani to the Pattambi fish market
PKD	592	PKD 32	M	53	Inter district travel
PKD	593	PKD 33	M	27	Source not identified
PKD	594	PKD 34	F	6	Source not identified
PKD	595	PKD 35	M	40	Source not identified
PKD	596	PKD 36	F	21	Source not identified
PKD	597	PKD 37	M	17	Contact with asymptomatic case
PKD	598	PKD 38	M	57	Pattambi Fish Market
PKD	599	PKD 39	F	50	Source not identified
PKD	600	PKD 40	F	25	Source not identified
PKD	601	PKD 41	M	25	Source not identified
PKD	602	PKD 42	M	41	Investigation going on
PKD	603	PKD 43	M	34	Investigation going on
PKD	604	PKD 44	M	26	Source not identified

District	Sl. No	Name	Gender	Age (Years)	Remarks
PKD	605	PKD 45	F	61	Investigation going on
MLPM	606	MLPM 34	M	27	Ponnani Cluster
MLPM	607	MLPM 35	M	29	Ponnani Cluster
MLPM	608	MLPM 36	M	23	Contact with positive cases
MLPM	609	MLPM 37	F	34	Contact with positive cases
MLPM	610	MLPM 38	M	36	Ponnani Cluster
MLPM	611	MLPM 39	F	56	RRT-Interstate/International travellers
MLPM	612	MLPM 40	M	38	Ponnani Cluster
MLPM	613	MLPM 41	M	41	Contact with positive cases
MLPM	614	MLPM 42	M	32	Ponnani Cluster
MLPM	615	MLPM 43	M	25	Contact with positive cases

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	616	MLPM 44	M	21	Most probably from travellers quarantined at CCC
MLPM	617	MLPM 45	M	52	Source not identified
MLPM	618	MLPM 46	F	30	Edappal Cluster
MLPM	619	MLPM 47	F	60	Most probably from the people from other states with whom she would have come in contact
MLPM	620	MLPM 48	F	46	Source not identified
MLPM	621	MLPM 49	M	47	Contact with positive cases
MLPM	622	MLPM 50	M	25	Ponnani Cluster
MLPM	623	MLPM 51	F	40	Investigation going on
MLPM	624	MLPM 52	M	18	Investigation going on
MLPM	625	MLPM 53	F	70	Investigation going on
MLPM	626	MLPM 54	M	29	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	627	MLPM 55	F	38	Investigation going on
MLPM	628	MLPM 56	M	8	Investigation going on
MLPM	629	MLPM 57	F	11	Investigation going on
MLPM	630	MLPM 58	M	15	Investigation going on
MLPM	631	MLPM 59	F	29	Investigation going on
MLPM	632	MLPM 60	F	30	Investigation going on
MLPM	633	MLPM 61	M	13	Investigation going on
MLPM	634	MLPM 62	M	33	Investigation going on
MLPM	635	MLPM 63	M	20	Investigation going on
MLPM	636	MLPM 64	M	73	Investigation going on
MLPM	637	MLPM 65	M	23	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	638	MLPM 66	M	28	Investigation going on
MLPM	639	MLPM 67	M	1	Investigation going on
MLPM	640	MLPM 68	M	3	Investigation going on
MLPM	641	MLPM 69	M	25	Investigation going on
MLPM	642	MLPM 70	M	31	Investigation going on
MLPM	643	MLPM 71	M	16	Investigation going on
MLPM	644	MLPM 72	F	37	Investigation going on
MLPM	645	MLPM 73	M	5	Investigation going on
MLPM	646	MLPM 74	F	22	Investigation going on
MLPM	647	MLPM 75	M	41	Investigation going on
MLPM	648	MLPM 76	M	26	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	649	MLPM 77	M	36	Investigation going on
MLPM	650	MLPM 78	F	25	Investigation going on
MLPM	651	MLPM 79	M	44	Investigation going on
MLPM	652	MLPM 80	M	49	Investigation going on
MLPM	653	MLPM 81	M	23	Investigation going on
MLPM	654	MLPM 82	M	55	Investigation going on
MLPM	655	MLPM 83	M	33	Investigation going on
MLPM	656	MLPM 84	M	54	Investigation going on
MLPM	657	MLPM 85	M	58	Investigation going on
MLPM	658	MLPM 86	M	59	Investigation going on
MLPM	659	MLPM 87	F	24	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	660	MLPM 88	F	30	Investigation going on
MLPM	661	MLPM 89	M	32	Investigation going on
MLPM	662	MLPM 90	M	49	Investigation going on
MLPM	663	MLPM 91	F	23	Investigation going on
MLPM	664	MLPM 92	M	33	Investigation going on
MLPM	665	MLPM 93	M	38	Investigation going on
MLPM	666	MLPM 94	M	42	Investigation going on
MLPM	667	MLPM 95	M	52	Investigation going on
MLPM	668	MLPM 96	F	73	Investigation going on
MLPM	669	MLPM 97	M	42	Investigation going on
MLPM	670	MLPM 98	M	39	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	671	MLPM 99	F	53	Investigation going on
MLPM	672	MLPM 100	M	62	Investigation going on
MLPM	673	MLPM 101	M	39	Investigation going on
MLPM	674	MLPM 102	M	30	Investigation going on
MLPM	675	MLPM 103	M	36	Investigation going on
MLPM	676	MLPM 104	M	36	Investigation going on
MLPM	677	MLPM 105	M	37	Investigation going on
MLPM	678	MLPM 106	M	39	Investigation going on
MLPM	679	MLPM 107	M	44	Investigation going on
MLPM	680	MLPM 108	M	32	Investigation going on
MLPM	681	MLPM 109	M	45	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	682	MLPM 110	M	60	Investigation going on
MLPM	683	MLPM 111	M	27	Investigation going on
MLPM	684	MLPM 112	M	29	Investigation going on
MLPM	685	MLPM 113	M	24	Investigation going on
MLPM	686	MLPM 114	M	45	Investigation going on
MLPM	687	MLPM 115	M	30	Investigation going on
MLPM	688	MLPM 116	M	20	Investigation going on
MLPM	689	MLPM 117	M	52	Investigation going on
MLPM	690	MLPM 118	M	54	Investigation going on
MLPM	691	MLPM 119	F	25	Investigation going on
MLPM	692	MLPM 120	F	75	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	693	MLPM 121	M	30	Investigation going on
MLPM	694	MLPM 122	M	40	Investigation going on
MLPM	695	MLPM 123	M	56	Investigation going on
MLPM	696	MLPM 124	M	24	Investigation going on
MLPM	697	MLPM 125	M	30	Investigation going on
MLPM	698	MLPM 126	M	57	Investigation going on
MLPM	699	MLPM 127	M	39	Investigation going on
MLPM	700	MLPM 128	M	33	Investigation going on
MLPM	701	MLPM 129	M	22	Investigation going on
MLPM	702	MLPM 130	M	20	Investigation going on
MLPM	703	MLPM 131	M	47	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	704	MLPM 132	M	40	Investigation going on
MLPM	705	MLPM 133	M	31	Investigation going on
MLPM	706	MLPM 134	M	22	Investigation going on
MLPM	707	MLPM 135	M	30	Investigation going on
MLPM	708	MLPM 136	M	36	Investigation going on
MLPM	709	MLPM 137	M	45	Investigation going on
MLPM	710	MLPM 138	M	34	Investigation going on
MLPM	711	MLPM 139	M	45	Investigation going on
MLPM	712	MLPM 140	M	40	Investigation going on
MLPM	713	MLPM 141	M	35	Investigation going on
MLPM	714	MLPM 142	M	26	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	715	MLPM 143	M	28	Investigation going on
MLPM	716	MLPM 144	F	22	Investigation going on
MLPM	717	MLPM 145	F	1	Investigation going on
MLPM	718	MLPM 146	M	56	Investigation going on
MLPM	719	MLPM 147	M	47	Investigation going on
MLPM	720	MLPM 148	M	49	Investigation going on
MLPM	721	MLPM 149	F	27	Investigation going on
MLPM	722	MLPM 150	F	49	Investigation going on
MLPM	723	MLPM 151	M	37	Investigation going on
MLPM	724	MLPM 152	M	38	Investigation going on
MLPM	725	MLPM 153	M	9	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	726	MLPM 154	F	26	Investigation going on
MLPM	727	MLPM 155	M	55	Investigation going on
MLPM	728	MLPM 156	M	33	Investigation going on
MLPM	729	MLPM 157	M	35	Investigation going on
MLPM	730	MLPM 158	M	65	Investigation going on
MLPM	731	MLPM 159	M	25	Investigation going on
MLPM	732	MLPM 160	M	37	Investigation going on
MLPM	733	MLPM 161	M	20	Investigation going on
MLPM	734	MLPM 162	M	30	Investigation going on
MLPM	735	MLPM 163	M	49	Investigation going on
MLPM	736	MLPM 164	M	45	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	737	MLPM 165	M	10	Investigation going on
MLPM	738	MLPM 166	F	44	Investigation going on
MLPM	739	MLPM 167	M	42	Investigation going on
MLPM	740	MLPM 168	M	45	Investigation going on
MLPM	741	MLPM 169	M	32	Investigation going on
MLPM	742	MLPM 170	M	35	Investigation going on
MLPM	743	MLPM 171	M	8	Investigation going on
MLPM	744	MLPM 172	M	42	Investigation going on
MLPM	745	MLPM 173	M	19	Investigation going on
MLPM	746	MLPM 174	M	54	Investigation going on
MLPM	747	MLPM 175	M	44	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	748	MLPM 176	M	50	Investigation going on
MLPM	749	MLPM 177	M	50	Investigation going on
MLPM	750	MLPM 178	M	40	Investigation going on
MLPM	751	MLPM 179	F	39	Investigation going on
MLPM	752	MLPM 180	M	39	Investigation going on
MLPM	753	MLPM 181	F	30	Investigation going on
MLPM	754	MLPM 182	M	38	Investigation going on
MLPM	755	MLPM 183	M	33	Investigation going on
MLPM	756	MLPM 184	M	41	Investigation going on
MLPM	757	MLPM 185	M	42	Investigation going on
MLPM	758	MLPM 186	M	6	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	759	MLPM 187	M	28	Investigation going on
MLPM	760	MLPM 188	M	40	Investigation going on
MLPM	761	MLPM 189	F	25	Investigation going on
MLPM	762	MLPM 190	M	58	Investigation going on
MLPM	763	MLPM 191	M	71	Investigation going on
MLPM	764	MLPM 192	F	60	Investigation going on
MLPM	765	MLPM 193	F	23	Investigation going on
MLPM	766	MLPM 194	M	2	Investigation going on
MLPM	767	MLPM 195	F	30	Investigation going on
MLPM	768	MLPM 196	M	48	Investigation going on
MLPM	769	MLPM 197	F	26	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	770	MLPM 198	F	33	Investigation going on
MLPM	771	MLPM 199	F	27	Investigation going on
MLPM	772	MLPM 200	F	28	Investigation going on
MLPM	773	MLPM 201	M	25	Investigation going on
MLPM	774	MLPM 202	M	10	Investigation going on
MLPM	775	MLPM 203	M	30	Investigation going on
MLPM	776	MLPM 204	M	29	Investigation going on
MLPM	777	MLPM 205	F	22	Investigation going on
MLPM	778	MLPM 206	M	49	Investigation going on
MLPM	779	MLPM 207	M	51	Investigation going on
MLPM	780	MLPM 208	M	47	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	781	MLPM 209	M	69	Investigation going on
MLPM	782	MLPM 210	M	51	Investigation going on
MLPM	783	MLPM 211	F	56	Investigation going on
MLPM	784	MLPM 212	F	60	Investigation going on
MLPM	785	MLPM 213	M	37	Investigation going on
MLPM	786	MLPM 214	M	45	Investigation going on
MLPM	787	MLPM 215	M	18	Investigation going on
MLPM	788	MLPM 216	M	54	Investigation going on
MLPM	789	MLPM 217	M	63	Investigation going on
MLPM	790	MLPM 218	M	41	Investigation going on
MLPM	791	MLPM 219	M	34	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
MLPM	792	MLPM 220	M	28	Investigation going on
MLPM	793	MLPM 221	M	30	Investigation going on
MLPM	794	MLPM 222	M	38	Investigation going on
MLPM	795	MLPM 223	M	27	Investigation going on
KKD	796	KKD 11	M	26	A third small cluster of COVID cases reported in urban area(Kundayithode)of Kozhikode city, after similar clusters noted at Vellayi and Kallai,Panniankara.All these clusters have surfaced since June end over 2 weeks along a 10km radius area in the southern part of the city and may be interlinked.He has travel history to multiple high burden districts before developing symptoms.
KKD	797	KKD 12	M	68	The possible primary source case could be linked retrospectively to multiple people as the population in this residential complex is largely heterogeneous and includes inmates from other States, those involved in extensive travel and routine visits to public places like markets, Super markets and hospitals
KKD	798	KKD 13	F	30	The primary case is her father in law who is the shop owner in the central part of the city

District	Sl. No	Name	Gender	Age (Years)	Remarks
KKD	799	KKD 14	F	65	The source of infection could probably be the members of the house in Kannur district where the funeral was conducted.
KKD	800	KKD 15	F	34	Since the panchayath has been heavily affected during that period (between 1st and 8th July) and multiple people were transmitting infection, they may have acquired infection from the public places. She may have acquired infection from her husband who was admitted with SARI.
KKD	801	KKD 16	M	14	Investigation going on
KKD	802	KKD 17	M	34	Investigation going on
KKD	803	KKD 18	M	46	Investigation going on
KKD	804	KKD 19	F	45	Investigation going on
KKD	805	KKD 20	M	50	Investigation going on
KKD	806	KKD 21	M	38	Investigation going on
KKD	807	KKD 22	F	24	Investigation going on
KKD	808	KKD 23	M	32	Investigation going on
KKD	809	KKD 24	F	27	Investigation going on
KKD	810	KKD 25	M	65	Investigation going on
KKD	811	KKD 26	M	52	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
KKD	812	KKD 27	M	52	Investigation going on
KKD	813	KKD 28	M	32	Investigation going on
KKD	814	KKD 29	M	47	Investigation going on
KKD	815	KKD 30	M	22	Investigation going on
KKD	816	KKD 31	M	31	Investigation going on
KKD	817	KKD 32	M	33	Investigation going on
KKD	818	KKD 33	M	18	Investigation going on
KKD	819	KKD 34	M	45	Investigation going on
KKD	820	KKD 35	F	57	Investigation going on
KKD	821	KKD 36	F	52	Investigation going on
KKD	822	KKD 37	M	40	Investigation going on
KKD	823	KKD 38	male	7	Investigation going on
KKD	824	KKD 39	male	6	Investigation going on
KKD	825	KKD 40	female	40	Investigation going on
KKD	826	KKD 41	female	22	Investigation going on
KKD	827	KKD 42	male	58	Investigation going on
KKD	828	KKD 43	male	65	Investigation going on
KKD	829	KKD 44	female	26	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
KKD	830	KKD 45	male	53	Investigation going on
KKD	831	KKD 46	male	59	Investigation going on
KKD	832	KKD 47	female	26	Investigation going on
KKD	833	KKD 48	male	49	Investigation going on
KKD	834	KKD 49	female	41	Investigation going on
KKD	835	KKD 50	male	23	Investigation going on
KKD	836	KKD 51	male	33	Investigation going on
KKD	837	KKD 52	male	40	Investigation going on
KKD	838	KKD 53	male	1	Investigation going on
KKD	839	KKD 54	male	6	Investigation going on
KKD	840	KKD 55	male	48	Investigation going on
KKD	841	KKD 56	male	53	Investigation going on
KKD	842	KKD 57	male	42	Investigation going on
KKD	843	KKD 58	male	49	Investigation going on
KKD	844	KKD 59	male	61	Investigation going on
KKD	845	KKD 60	female	80	Investigation going on
KKD	846	KKD 61	male	54	Investigation going on
KKD	847	KKD 62	female	30	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
KKD	848	KKD 63	male	44	Investigation going on
KKD	849	KKD 64	female	16	Investigation going on
KKD	850	KKD 65	male	78	Investigation going on
KKD	851	KKD 66	male	62	Investigation going on
KKD	852	KKD 67	female	60	Investigation going on
KKD	853	KKD 68	female	5	Investigation going on
KKD	854	KKD 69	male	19	Investigation going on
KKD	855	KKD 70	male	37	Investigation going on
KKD	856	KKD 71	male	26	Investigation going on
KKD	857	KKD 72	male	55	Investigation going on
KKD	858	KKD 73	female	40	Investigation going on
KKD	859	KKD 74	male	64	Investigation going on
KKD	860	KKD 75	male	43	Investigation going on
KKD	861	KKD 76	male	26	Investigation going on
KKD	862	KKD 77	male	67	Investigation going on
KKD	863	KKD 78	male	53	Investigation going on
KKD	864	KKD 79	male	54	Investigation going on
KKD	865	KKD 80	55	M	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
KKD	866	KKD 81	male	21	Investigation going on
KKD	867	KKD 82	female	22	Investigation going on
KKD	868	KKD 83	44	M	Investigation going on
KKD	869	KKD 84	41	M	Investigation going on
KKD	870	KKD 85	36	M	Investigation going on
KKD	871	KKD 86	42	M	Investigation going on
KKD	872	KKD 87	40	M	Investigation going on
KKD	873	KKD 88	54	F	Investigation going on
KKD	874	KKD 89	M	33	Investigation going on
KKD	875	KKD 90	F	59	Investigation going on
KKD	876	KKD 91	M	61	Investigation going on
KKD	877	KKD 92	F	29	Investigation going on
WYND	878	WYD 8	F	46	Interdistrict travel
WYND	879	WYD 9	M	24	Interdistrict travel
WYND	880	WYD 10	F	6	Contact with positive case
WYND	881	WYD 11	M	46	Chellanam Cluster
WYND	882	WYD 12	F	22	Contact with positive case
WYND	883	WYD 13	F	23	Contact with positive case

District	Sl. No	Name	Gender	Age (Years)	Remarks
WYND	884	WYD 14	M	29	Valad Cluster
KNR	885	KNR 11	M	70	Attended a funeral function where two positives from Calicut district came.
KNR	886	KNR 12	M	28	Was working at Kannur international airport
KNR	887	KNR 13	M	43	Trippangotoor Cluster
KNR	888	KNR 14	F	43	Visited Multiple Hospitals
KNR	889	KNR 15	F	85	History of hospital visit
KNR	890	KNR 16	M	39	H/O travel to Ernakulam & Calicut
KNR	891	KNR 17	M	30	Visited Pariyaram Medical College, Kannur
KNR	892	KNR 18	M	70	He might have contracted the disease from the asymptomatic carriers with whom he would have interacted as part of his job as security at a house
KNR	893	KNR 19	F	61	May be contracted from her husband who became positive later. He has wide travel history
KNR	894	KNR 20	M	33	Has history of Hospital Visit. He might have contracted the disease from there
KNR	895	KNR 21	F	52	Had multiple hospital visits. Most probably he would have got the infection from there
KNR	896	KNR 22	M	53	Attending marriage at Marakkarkandy

District	Sl. No	Name	Gender	Age (Years)	Remarks
KNR	897	KNR 23	M	18	He is a prisoner who might have got infected during the periods of hideout
KNR	898	KNR 24	M	52	H/O Hospital Visit
KNR	899	KNR 25	F	63	GMC Cluster
KNR	900	KNR 26	M	70	GMC Cluster
KNR	901	KNR 27	F	51	Primary contact of positive case, whose father is shopkeeper in shop where there is chances of close contact with public
KNR	902	KNR 28	M	24	H/O of visiting multiple hospitals from where he might have got infected
KNR	903	KNR 29	F	48	H/O travel to multiple hospitals. Most probably he would have got infection from there
KNR	904	KNR 30	F	46	Their uncle who is a lorry driver and was symptomatic around 16.07.2020. His 2 family members also turned positive. Also one of her family members works in a supermarket
KNR	905	KNR 31	M	20	Their uncle who is a lorry driver and was symptomatic around 16.07. 2020.His 2 family members also turned positive. Also, he works in a supermarket
KNR	906	KNR 32	M	38	Contact of positive case

District	Sl. No	Name	Gender	Age (Years)	Remarks
KNR	907	KNR 33	M	32	He stayed with many healthcare staffs from MIMS Kannur. He also had a contact with COVID19 Positive in MIMS
KNR	908	KNR 34	M	70	Has history of multiple hospital visit from where she would have contracted the infection
KSD	909	KSD 9	M	24	Source not identified
KSD	910	KSD 10	F	47	Interstate travel-Mangalore
KSD	911	KSD 11	M	44	Had history of Manglore Visit
KSD	912	KSD 12	F	26	Primary contact -karanataka case
KSD	913	KSD 13	F	21	Had contact with positive case
KSD	914	KSD 14	F	21	Contact with positive case
KSD	915	KSD 15	M	24	Kasaragod Cluster
KSD	916	KSD 16	M	35	Sales team leader,KVR Marauti
KSD	917	KSD 17	M	28	Kasaragod Cluster
KSD	918	KSD 18	M	22	Kasaragod Cluster
KSD	919	KSD 19	M	25	Kasaragod Cluster
KSD	920	KSD 20	M	46	Kasaragod Cluster
KSD	921	KSD 21	F	21	Contact with positive case
KSD	922	KSD 22	F	74	Contact with positive case

District	Sl. No	Name	Gender	Age (Years)	Remarks
KSD	923	KSD 23	M	45	Kasaragod Cluster
KSD	924	KSD 24	M	38	Kasaragod Cluster
KSD	925	KSD 25	M	69	Contact of positive case
KSD	926	KSD 26	F	54	Contact with positive case
KSD	927	KSD 27	M	35	Contact with positive case
KSD	928	KSD 28	M	54	Supervision duty at various institutional quarantine centres
KSD	929	KSD 29	M	32	Contact with positive case-Manjeswaram cluster
KSD	930	KSD 30	M	32	Contact with positive case-Manjeswaram cluster
KSD	931	KSD 31	M	43	Contact with positive case-Manjeswaram cluster
KSD	932	KSD 32	M	26	Contact with positive case-Manjeswaram cluster
KSD	933	KSD 33	M	18	Nattakallu Cluster
KSD	934	KSD 34	M	34	Contact with positive case-Manjeswaram cluster
KSD	935	KSD 35	M	21	Contact with positive case-Manjeswaram cluster
KSD	936	KSD 36	M	46	Contact with positive case-Manjeswaram cluster
KSD	937	KSD 37	F	42	Op duty
KSD	938	KSD 38	M	35	Contact with positive case-Manjeswaram cluster
KSD	939	KSD 39	M	24	Source not identified

District	Sl. No	Name	Gender	Age (Years)	Remarks
KSD	940	KSD 40	F	47	Interstate travel-Mangalore
KSD	941	KSD 41	M	44	Had history of Manglore Visit
KSD	942	KSD 42	F	26	Primary contact -Karanataka case
KSD	943	KSD 43	F	21	Had contact with positive case
KSD	944	KSD 44	F	21	Contact with positive case
KSD	945	KSD 45	M	24	Kasaragod Cluster
KSD	946	KSD 46	M	35	Sales team leader,KVR Marauti
KSD	947	KSD 47	M	28	Kasaragod Cluster
KSD	948	KSD 48	M	22	Kasaragod Cluster
KSD	949	KSD 49	M	25	Kasaragod Cluster
KSD	950	KSD 50	M	46	Kasaragod Cluster
KSD	951	KSD 51	F	21	Contact with positive case
KSD	952	KSD 52	F	74	Contact with positive case
KSD	953	KSD 53	M	45	Kasaragod Cluster
KSD	954	KSD 54	M	38	Kasaragod Cluster
KSD	955	KSD 55	M	69	Contact of positive case
KSD	956	KSD 56	F	54	Contact with positive case
KSD	957	KSD 57	M	35	Contact with positive case

District	Sl. No	Name	Gender	Age (Years)	Remarks
KSD	958	KSD 58	M	54	Supervision duty at various institutional quarantine centres
KSD	959	KSD 59	M	32	Contact with positive case-Manjeswaram cluster
KSD	960	KSD 60	M	32	Contact with positive case-Manjeswaram cluster
KSD	961	KSD 61	M	43	Contact with positive case-Manjeswaram cluster
KSD	962	KSD 62	M	26	Contact with positive case-Manjeswaram cluster
KSD	963	KSD 63	M	18	Nattakallu Cluster
KSD	964	KSD 64	M	34	Contact with positive case-Manjeswaram cluster
KSD	965	KSD 65	M	21	Contact with positive case-Manjeswaram cluster
KSD	966	KSD 66	M	46	Contact with positive case-Manjeswaram cluster
KSD	967	KSD 67	F	42	Op duty
KSD	968	KSD 68	M	35	Contact with positive case-Manjeswaram cluster
KSD	969	KSD 69	M	42	Contact with interstate lorry driver
KSD	970	KSD 70	M	21	Investigation going on
KSD	971	KSD 71	M	65	Interstate travel
KSD	972	KSD 72	M	20	Investigation going on
KSD	973	KSD 73	M	74	Investigation going on
KSD	974	KSD 74	M	60	Investigation going on

District	Sl. No	Name	Gender	Age (Years)	Remarks
KSD	975	KSD 75	M	51	Investigation going on
KSD	976	KSD 76	M	31	Investigation going on
KSD	977	KSD 77	M	24	Investigation going on
KSD	978	KSD 78	M	62	Investigation going on
KSD	979	KSD 79	M	16	Investigation going on
KSD	980	KSD 80	M	24	Contact with a positive case
KSD	981	KSD 81	M	43	Contact with a positive case
KSD	982	KSD 82	M	48	Investigation going on
KSD	983	KSD 83	M	31	He has visited places where positive cases have been reported. So most probably he would have become in contact with a probable case
KSD	984	KSD 84	M	34	Contact with a possible source during travel to Ekm
KSD	985	KSD 85	M	21	Investigation going on
KSD	986	KSD 86	M	70	Contact with positive cases
KSD	987	KSD 87	M	46	Investigation going on
KSD	988	KSD 88	M	38	Contact with a positive case
KSD	989	KSD 89	M	24	Contact with a positive case
KSD	990	KSD 90	M	36	Contact with a positive case

District	Sl. No	Name	Gender	Age (Years)	Remarks
KSD	991	KSD 91	M	51	Included in chengala marriage cluster
KSD	992	KSD 92	M	65	Travel history to Mangalore
KSD	993	KSD 93	M	52	Investigation going on
KSD	994	KSD 94	M	32	Kasaragod Market Cluster
KSD	995	KSD 95	M	70	Contact with positive case included in Kumbala ward 1 Cluster
KSD	996	KSD 96	M	48	Investigation going on
KSD	997	KSD 97	M	33	Primary contact of a positive case
KSD	998	KSD 98	M	70	Investigation going on
KSD	999	KSD 99	M	22	Primary Contact with positive case- Chengala Marriage Cluster
KSD	1000	KSD 100	M	62	Investigation going on
KSD	1001	KSD 101	M	30	Investigation going on
KSD	1002	KSD 102	M	45	Investigation going on
KSD	1003	KSD 103	M	22	Investigation going on
KSD	1004	KSD 104	M	73	Investigation going on
KSD	1005	KSD 105	M	52	Investigation going on

Acknowledgement

The Public Health division headed by Dr Meenakshy along with the State Surveillance Unit and Dr Indu, State Nodal Officer Prevention of Epidemic and Infectious Diseases Cell along with the respective PEID Cells of Medical Colleges have done the detailed study of tracing the source of the cases of the month of July. The teams are doing further investigations to identify the source of infection of the remaining cases. The epidemiological investigations will assist the Department and the field teams to take specific interventions.

We earnestly appreciate their works.

Dr Rajan Khobragade

Principal Secretary

Health and Family Welfare

Government of Kerala



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