

Report on
**“Implementing TB Elimination Mission Through
Local Self-Government Stewardship in Kerala”**
December 2020



State TB Cell, Directorate of Health Services, Kerala



KeralaHEALTH



Background

Government of Kerala has launched “Kerala TB elimination mission” aligning with the Sustainable Development Goals, with objectives to achieve TB Elimination by 2025, zero preventable deaths due to tuberculosis and zero catastrophic expenditure for the families of tuberculosis patients. The consultative workshop of local, national and international experts conducted in February 2017 with support from Government of India and World Health Organization finalised the Kerala TB Elimination Mission strategy document. The mission is envisaged as a peoples’ movement against TB under the leadership of local self-governments. The Mission was formally launched during January 2018.

Strategy Document for Kerala TB Elimination Mission

Strategy document for Kerala TB Elimination Mission was brought out with 10 principles and 48 activities. The document has been published by Government of Kerala as a Government Order [GO Rt No 246/2018/H&FWD dated 24.01.2018].

Local Self Government Stewardship: Kerala TB Elimination Mission is being implemented through the LSG Bodies with a theme “My TB free [name of LSG]”.

- Joint Call letter was issued to all Local Self Government Heads by Minister for Health and Minister for LSGD in January 2018.

മാന്യ മിത്രമേ,

ആരോഗ്യമേഖലയിൽ ഏറ്റവുമധികം പുരോഗതി കൈവരിച്ചിട്ടുള്ള സംസ്ഥാനമാണ് കേരളം. നമ്മുടെ ആരോഗ്യസൂചകങ്ങൾ പലതും വികസിച്ച രാജ്യങ്ങളോടൊപ്പമാണ്. ഈ നേട്ടങ്ങൾക്കു പിന്നിൽ ജനസാക്ഷരത, ആരോഗ്യ അവബോധം, ആരോഗ്യ രംഗത്ത് സർക്കാരിന്റെ ഫലപ്രദമായ ഇടപെടൽ എന്നിങ്ങനെ എടുത്തുപറയത്തക്ക ധാരാളം വസ്തുതകളുണ്ട്. അതോടൊപ്പം തദ്ദേശസ്വയംഭരണസ്ഥാപനങ്ങൾ പൊതുജനാരോഗ്യരംഗത്ത് പുലർത്തിപ്പോരുന്ന ശ്രദ്ധയും കരുതലും ഏറെ പ്രാധാന്യമർഹിക്കുന്നു.

Sensitisation of Major PRI Heads (Activity 13)

Plan: Each gram panchayat was planned to be sensitized on the need, locally appropriate methodology and outcomes of TB elimination with the help of a line list and preconceived tool. This is (1) to pool resources by LSGs beyond the provisions by TB program for locally appropriate additional interventions (2) to piggyback TB elimination with other development initiatives in the jurisdiction for value addition (3) to ensure popularity and acceptance for the interventions (4) to ensure civic compliance to the intervention (5) to strengthen active surveillance and notification and (6) to provide social support to diagnosed TB patients when needed, to complete treatment successfully. Sensitization was done by the public health team in the local Primary Health Centre.

Outcome: **98.6% of Local Self Government heads were formally sensitised on Kerala TB Elimination Mission as per the plan.**



TB Elimination Pledge at Town Hall, Kochi Corporation

Formation of LSG (Gram Panchayat/ Municipality / Corporation) level TB Elimination Task Force (Activity 22)

Concept: Theme of TB elimination is “My TB free panchayat/municipality/corporation [name]”. Each LSG should be able to apply the principles, strategies and interventions of TB elimination appropriately adapted to the local setting. The TB elimination task force is a group of responsible citizens and public servants organized under the leadership of the LSG specifically to achieve the goal of TB elimination in the population stewarded by that LSG.

Constitution of LSG TB elimination task force

- Chairperson: Head of LSG
- Vice Chair: Health standing committee Chairperson
- Chief Executive Officer: DTO in Corporations, MOTC in Municipalities, MO PHI in Gram panchayat
- Secretary: Health Supervisor/ Inspector
- Members:
- All members of LSG
- Secretary of the LSG
- Corporation Health Officer
- ADS/CDS Chair
- CDPO
- NHM PRO
- Lady Health Supervisor/Inspector
- Jr. His/ Jr.PHNs
- Janamythri police
- Civil society representatives
- STS and STLS corporations and municipalites.
- Other appropriate members nominated by head of LSG

Terms of Reference:

The LSG TB Elimination Task Force plans local activities, implements, mobilizes resources, monitor self, adopts mid-course correction and reports to the district TB elimination task force. Each ward/ division is assigned to a subgroup of members for supervision and monitoring. If the PRI Task force decides, a ward/division level task force also can be formed under the leadership of the ward member/ division councillor, which will be responsible to undertake the activity planned in the PRI task force. The Secretary keeps documents of all activities from the formation of the task force, followed by minutes of each meeting, plan of activities, mapping, surveys, active case findings, treatment support group activities, interventions for special groups, supervisory visits, in chronological order.

Outcome

	Grama Panchayats	Municipality	Corporation	Block Panchayat	District Panchayats
Total Number in State	941	87	6	152	14
LSG TB Elimination Task Forces Formed	871	74	6	44	-
Total LSGs TB Elimination TASK FORCE met in 2020	485	45	1	20	-

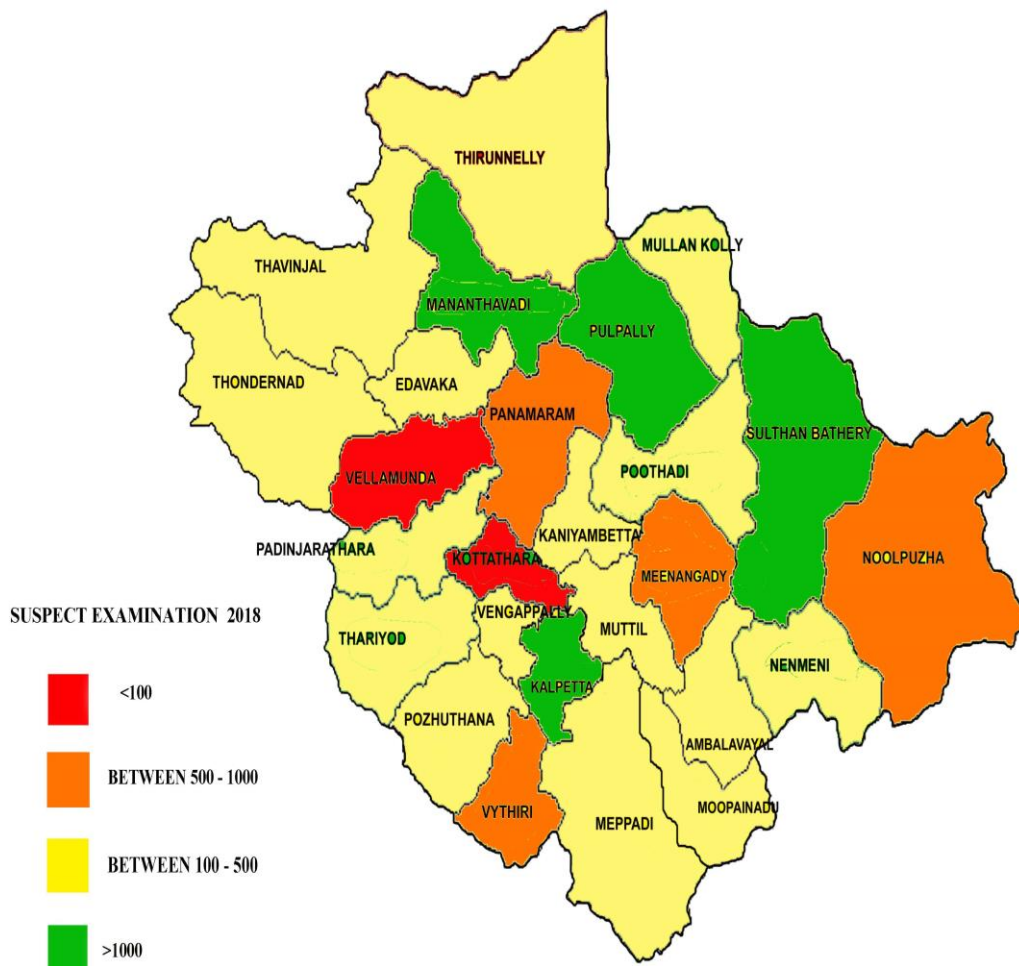
Glimpses from meetings of LSG TB Elimination Task Forces



Mapping of Panchayat wise TB cases for past year (Activity 28)

Concept: Activities for TB eliminations are to be planned, implemented, supervised and monitored at the most peripheral panchayati raj institution level. To prioritize TB elimination activities, it is important to have panchayat/municipality/corporationwise mapping of TB cases. This map is thematic, where cases notified/1000 population gives a comparison at district/state level.

Process: From the TB registers/Nikshay, each case registered/ notified is assigned to the respective panchayat according to the residential address. Ideally, non-RNTCP TB cases notified from private sector are also to be mapped. Finally, TB notification of each panchayat/municipality/corporation per 1000 population is calculated.

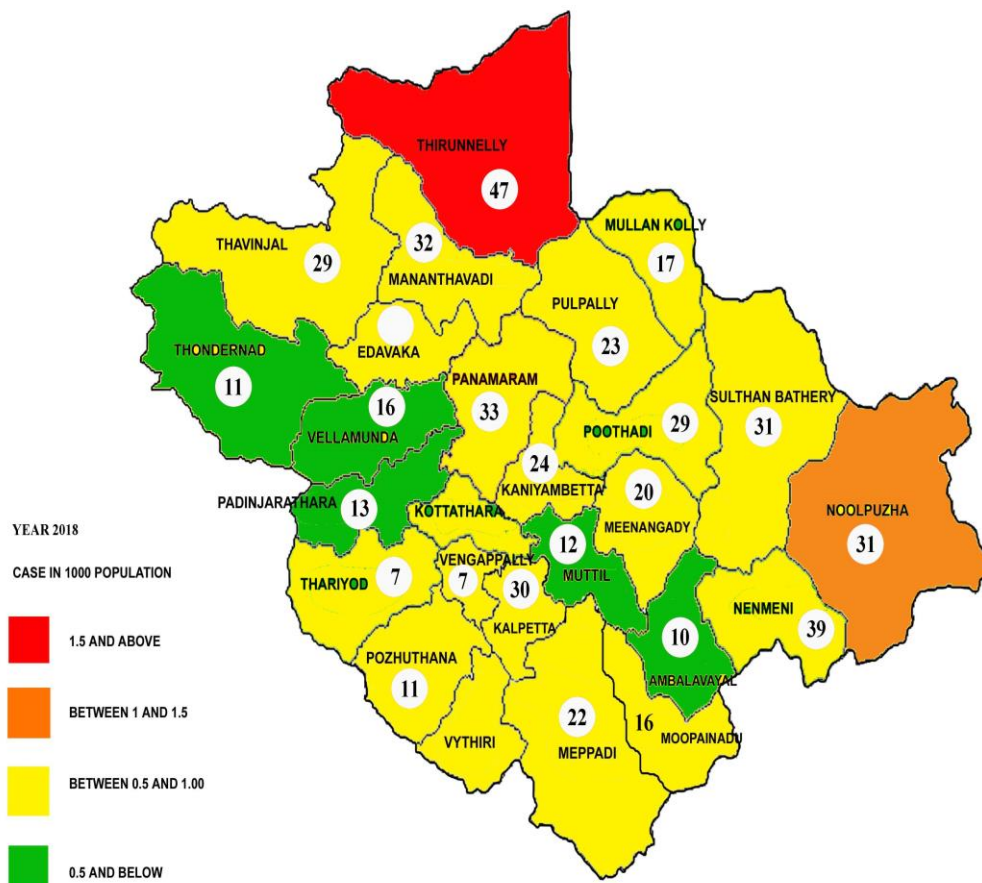


Example of a LSG wise map of annual presumptive TB Examination

Mapping of panchayat wise presumptive TB cases for past year (Activity 29)

Concept: To prioritize TB elimination activities, it is important to have panchayat/municipality/corporation-wise mapping of presumptive TB cases. It may give an indirect understanding on the efforts for TB detection in each LSG population. This map is thematic, where presumptive TB cases tested/1000 population gives a comparison at district/state level.

Process: From RNTCP laboratory registers, each presumptive TB case tested is assigned to the respective panchayat according to the residential address. For this, a worksheet will be distributed to the districts in which each case from the lab register can be entered with additional information on the panchayat (LSG) of residence. Finally, TB notification of each panchayat/municipality/corporation per 1000 population is calculated.



Example of a LSG wise TB Map

Treatment adherence support to all TB patients (Activity 41)

Concept: A treatment support group [TSG] is a non-statutory body of socially responsible citizens and volunteers to provide social support to each needy TB patient safeguarding his dignity and confidentiality by ensuring access to information, free and quality services and social welfare programs, empowering the patient for making decision to complete the treatment successfully. All TB patients in the PRI area are eligible for treatment support. However, needy patients are to be linked to the TSG by MO PHI or concerned staff of PHI after assessing the need.

Process: Treatment support groups are to be formed as a sub group of PRI level TB elimination task force.

	Grama Panchayats	Municipality	Corporation	Block Panchayat	District Panchayats
Total Number in State	941	87	6	152	14
Total LSGs having Treatment Support Groups	593	56	8	26	4

Outcome: 681 LSGs in Kerala had ZERO Lost to Follow up among TB patients. Total Lost to Follow Up rate reduced to 2%.

Glimpses of Treatment Support Groups meetings at Various Panchayats



Nutritional support for eligible TB patients (Activity 43)

Concept: Nutritional support is a high impact intervention to improve outcomes of treatment and to promote adherence. Kerala has successfully piloted nutritional support by LSG department through district panchayats. All patients with family income below Rs.1,00,000/- are eligible for nutritional support.

Process: District TB Elimination Task Force to submit proposal to District Panchayat based on estimated number of eligible patients. Once approved, procurement may be entrusted with appropriate agency approved by the district panchayat. Eg. SUPPLYCO. The nutritional kit for each patient may contain 25 Kg. of rice, 5 Kg of green gram and 2 litres of Oil. Once supplied to the district panchayat office, volunteers of TB elimination task force may be entrusted to deliver the kits to the houses of patients.





Fast racking of Monthly TB pension for eligible patients (Activity 44)

Concept: Revenue department of Kerala has made provision for a monthly pension of Rs.1000/- to all TB patients with annual family income below Rs. 100,000/- for the duration of treatment. PRI TB elimination task force has to ensure that each eligible TB patient receives the pension within not less than 15 days after diagnosis.

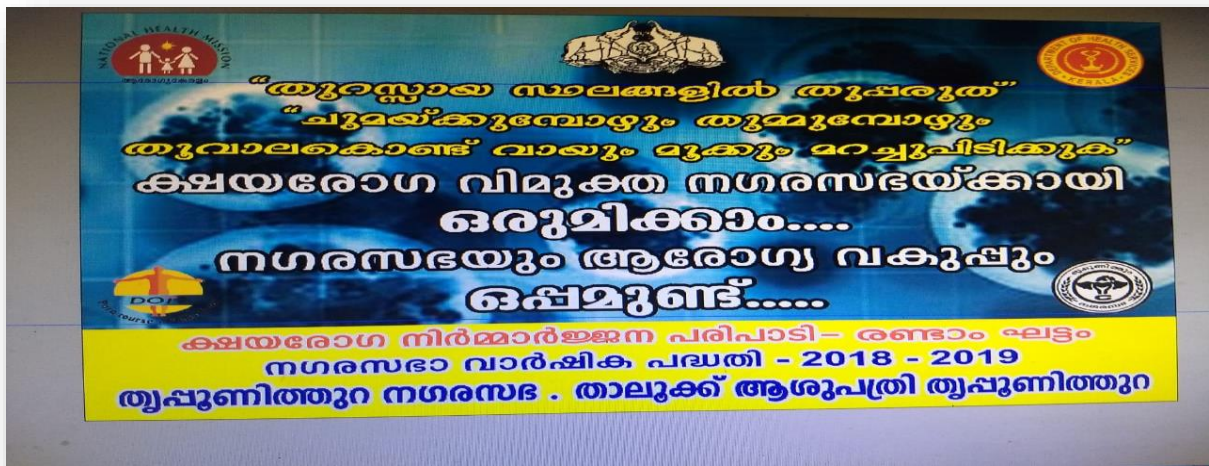
Process: Fast tracking for TB pension. At the time of initiation of treatment medical officer of the PHI certifies the patient's disease status and estimated duration of treatment. Jr. HI of the PHI (TBHV/STS in other areas) helps to fill application for pension and submit to village office. Village officer certifies income of the patient and forwards the application to Taluk Office for approval. Patient is intimated from Taluk office when pension is ready and transfers the amount to patient's account.

Outcome: Greater accountability for timely payments of TB Pension



Joint Monitoring Mission (November 2019) by WHO & GOI along with LSG leaders

Airborne Infection Control Activities by LSGs



Handbook on Role of LSGs in TB Elimination and 10 model projects



Smt K K Shailaja Teacher, Hon Health Minister releasing handbook on role of LSGs for TB Elimination including 10 model projects

An amount of 4569000 INR and 3282000 INR were spent from own fund by LSGs for direct projects related to TB.

	Grama Panchayats	Municipality	Corporation	Block Panchayat	District Panchayats
Total LSGs having a funded project directly related to TB (eg. Nutrition project for TB patients, case finding) in 2020-21	27	5	0	1	2
Total LSG with a funded project regarding addressing determinants of TB (eg diabetes, tobacco, malnutrition, COPD) in 2020-21	43	2	0	3	0

List of funded Projects related to TB at LSGs

DIST	NAME	LSG	PROJECT TITLE	AMOUNT (INR)	YEAR
PKD	Pallassana	Panchayath	Lab equipment and infrastructure	450000	2018-19
KSD	MANJESWER	Panchayath	Nutrition Support	50,000	2018-2019
KSD	MANGALPADY	Panchayath	Nutrition Support	300000	2018-2019
KSD	KUMBALA	Panchayath	Nutrition Support	25000	2018-2019
KSD	BADIYADUKA	Panchayath	Nutrition Support	100000	2018-2019
KSD	ENMAKAJE	Panchayath	Nutrition Support	400000	2018-2019
KSD	MADHUR	Panchayath	Nutrition Support	25000	2018-2019
KSD	KUMBADAJE	Panchayath	Nutrition Support	40000	2018-2019
KSD	MULIYAR	Panchayath	Nutrition Support	25000	2018-2019
KSD	DELAMPADY	Panchayath	Nutrition Support	100000	2018-2019
KSD	CHENGALA	Panchayath	Nutrition Support	200000	2018-2019
KSD	CHEMMANADU	Panchayath	Nutrition Support	100000	2018-2019
KSD	MOGRAL PUTHUR	Panchayath	Nutrition Support	100000	2018-2019
KSD	UDUMA	Panchayath	Nutrition Support	144000	2018-2019
KSD	AJANUR	Panchayath	Nutrition Support	60000	2018-2019
KSD	PANATHADY	Panchayath	Nutrition Support	108000	2018-2019
KSD	KODOM BELUR	Panchayath	Nutrition Support	70000	2018-2019
KSD	BEDADUKKA	Panchayath	Nutrition Support	100000	2018-2019
KSD	KUTTIKKOL	Panchayath	Nutrition Support	60000	2018-2019
PTA	Pathanamthitta	District Panchayat	Food and Nutrition Support for MDR TB Patients	1000000	2018-2019
TCR	THRISSUR	Dist. Panchayath	Nutrition	1082000	2018-2019
TVM	Varkala	Municipality	Nutritional kit	30000	2018-2019
WYD	Wayanad	District	NCD TB	250000	2019 -20
KZD	Olavanna Grama Panchayath	Grama Panchayath	Akshaya Keralam – ACSM Activity	100000	2019-20
EKM	Thrippunithura	Municipality	TB Elimination Programme	400000	2019-2020
EKM	MULAVUKAD	PANCHAYATH	AKSHAYAGRAMAM		2019-2020
EKM	KUZHIPPIILY	PANCHAYATH	AKSHAYAGRAMAM		2019-2020
EKM	CHENDAMANGALAM	PANCHAYATH	AKSHAYAGRAMAM		2019-2020
EKM	VADAKKEKARA	PANCHAYATH	AKSHAYAGRAMAM		2019-2020
PKD	Pudussery	Panchayath	NCD programme	50000	2019-2020
PTA	Pathanamthitta	District	Food and Nutrition Support for MDR TB Patients	1000000	2019-2020
TCR	THRISSUR	Dist.Panchayath	Nutrition	1082000	2019-2020

Health System Strengthening

	Grama Panchayats	Municipality	Corporation	Block Panchayat	District Panchayats
Total LSGs directly contributed to infrastructure development in hospital linked to TB (eg Lab, Cough Corner, improving ventilations etc)	44	10	3	2	1

Glimpses of Infrastructures for TB services funded by LSGs



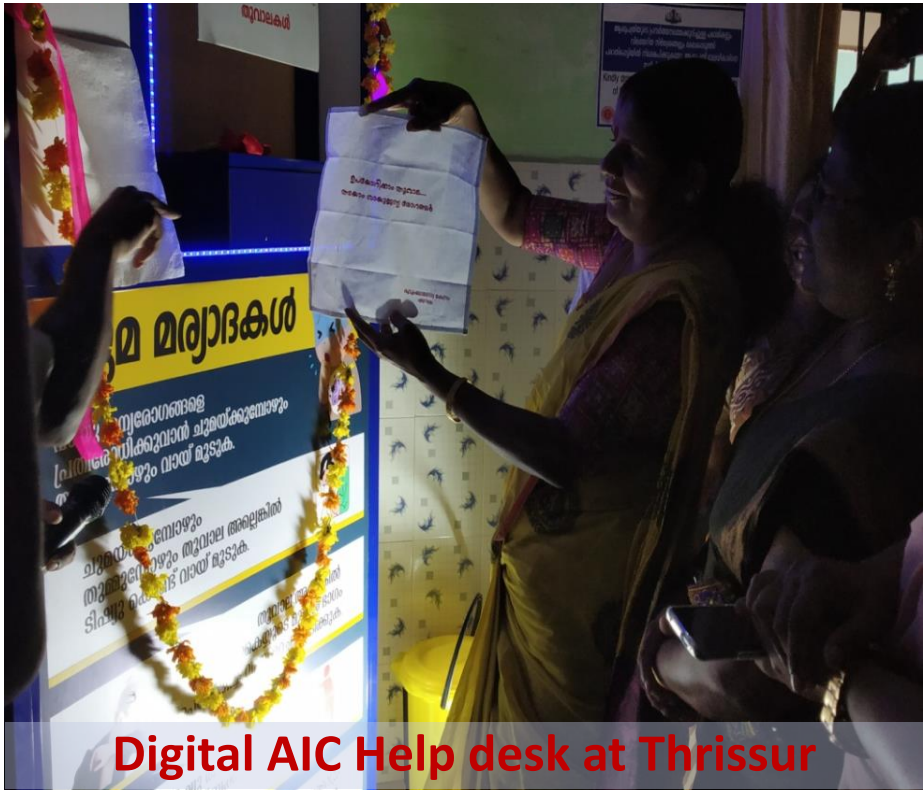
Laboratory at CHC Vellarada



Govt.Hospital, Iranimuttom



Pallasana, Palakkad



Digital AIC Help desk at Thrissur



PHC Kodikulam



FHC Karimanoor



CHC Kaniikuzhy



CHC Vathikkudy



AKSHAYA KERALA AWARDS 2020

561 Panchayats had **ZERO Under 5TB** in 2019

688 Panchayats had **ZERO Lost to follow up** in 2019

709 Panchayats had **ZERO DR TB** in 2019



Hon Health Minister Smt K K Shailaja Teacher declaring the AKSHAYA KERALAM Awards to LSGs on October 2, 2020

Glimpses from AKSHAYA KERALAM Awards



LSG WITH ZERO TB UNDER 5-YEAR-OLD CHILDREN IN 2019

DISTRICT	NAME OF LSG
ALAPPUZHA	ARYAD
	AMPBALAPPUZHA NORTH
	PUNNAPRA NORTH
	PURAKKADU
	KAVALAM
	VELIYANADU
	MUTTAR
	RAMANKARY
	NEELAMPEROOR
	PULINKUNNU
	CHAMPAKKULAM
	NEDUMUDI (CHEMPUMPURAM)
	ARATTUPUZHA
	KANDALLOOR
	KARTHIKAPPALLY
	KARUVATTA
	THAKAZHI
	EDATHUA
	MUTHUKULAM
	THRIKKUNNAPUZHA
	CHEPPAD
	CHERUTHANA
	CHINGOLI
	DEVIKULANGARA
	HARIPAD
	KRISHNAPURAM
	KUMARAPURAM
PALLIPPAD	
THALAVADY	
VEEYAPURAM	

	MAVELIKKRA
	VENMONY
	PALAMEL
	NOORANAD
	CHUNAKKARA
	BHARANIKAV
	KURATHIKAD
	CHENNITHALA
	CHETTIKULANGARA
	CHERIYANAD
	ALA
	CHENGANNUR
	MULAKKUZHA
	PULIYOOR
	KADAMPUR
	BUDHANUR
	POTHANIKADU
	MANEED
	KALLORKKAD
	MANJAPRA
	AVOLY
	MARADY
	PALAKKUZHA
	EDAKATTUVAYAL
	CHOWARA
	CHOTTANNIKKARA
	KADAVOOR
	PANDAPILLY
	MANJALLOOR
	KADAMAKUDY
	MUDAKUZHA
	KUMBALAM
	KANJOOR
	AYAVANA
	ELANJI
	THRIKKAKARA(UPHC)
ERNAKULAM	

	KOTTAPADY
	THRIPUNNITHURA(THITUVANKULAM)
	PIRAVOM
	KOOTHATTUKULAM
	THIRUMARADY
	MULAMTHURUHY
	VADAVUCODE
	THURAVUR
	PUNNEKADU
	VALAKAM
	NEDUMBASSERY
	PALISSERY
	THIRUVANIYUR
	CHERUVATOOR
	NERYAMANGALAM
	CHENGAMANAD
	CHELLANUM
	KOTHAMANGALAM
	UDAYAMPERROOR
	KOCHI CORPORATION
IDUKKI	BISONVALLY
	CHINNAKKANAL
	VATTAVADA
	AYYAPPANCOIL
	UDUBANCHOLA
	UPPUTHARA
	PALLIVASAL
	SANTHANPARA
	MUNNAR
	KANTHALLOOR
	ERATTAYAR
	MARIYAPURAM
	PERUVANTHANM
	SENAPATHY
	KAMAKSHY
	KONNATHADY

MUTTOM
PEERUMEDU
ARAKKULAM
KARUNAPURAM
RAJAKUMARY
MARAYOOR
VATHIKUDY
VAZHATHOPE
KUDAYATHORE
ELAPPARA
KOKKAYAR
VANDIPEIYAR
MANKULAM
KARIMKUNNAM
CHAKKUPALLOM
NEDUMKANDOM
RAJAKKADU
KANJIKUZHY
KODIKULAM
MANAKKAD
VANDANMEDU
KANCHIYAR
KATTAPPANA
VELLIYAMATTAM
PAMPADUMPARA
VELLATHOOVAL
ALAKODE
EDAVETTY
KARIMANNOOR
PURAPUZHA
UDUMBANNOOR
DEVIKULAM
KUMARAMANGALAM
THODUPUZHA
VANNAPPURAM
ADIMALY

KASARAGOD	BELLUR	
	VORKADI	
	KUMBALA	
	VALIYAPARAMBA	
	KAYYUR-CHEEMENI	
	KARADKA(MULLARIA)	
	PULLUR PERIYA	
	PANATHADY	
	TRIKKARIPPUR	
	MANJESWER	
	CHERUVATHUR	
	WEST ELERI	
	BEDADUKKA	
	DELAMPADY(ADOOR)	
	PADANNA	
	EAST ELERI	
	KINANOR KARINDALAM	
	PALLIKKARA	
	KUTTIKKOL	
	UDUMA	
	NILESHWAR	
	CHEMMANADU	
	KALLAR	
	BALAL	
	MOGRAL PUTHUR	
	MADIKAI	
	MADHUR	
	KOLLAM	CHIRAKKARA
		WESTKALLADA
		KUMMIL
		MUNDROTHURUTHU
		NILAMEL
		PATTAZHI VADAKKEKKARA
SOORANADU SOUTH		
ALAPPAD		
KARUNAGAPPALLY		
POOTHAKKULAM		
POOYAPPALLY		
THRIKKARUVA		
ARIENCAVU		
ETTIVA		
MELILA		
THEKKUMBHAGAM		
UMMANNOOR		

CHADAYAMANGALAM
KUNNATHOOR
CHAVARA
EZHUKONE
KAREEPRA
KOTTARAKKARA
KULAKKADA
PORUVAZHY
SOORANADU NORTH
VELINALLOOR
ALAYAMON
ELAMADU
NEENDAKARA
OACHIRA
PANMANA
CHATHANNOOR
KUNDARA
PERAYAM
VELIYAM
YEROOR
ANCHAL
THENMALA
KADAKKAL
PERINADU
THEVALAKKARA
VETTIKKAVALA
CHITHARA
EAST KALLADA
PIRAVANTHOOR
KULATHUPUZHA
KARAVLOOR
PAVITRESWARAM
THODIYOOR
KOTTAMKARA
THALAVOOR
VILAKKUDY
THAZHAVA
ELAMPALLOOR
PARAVOOR
MYLOM
PATHANAPURAM
KULASEKHARAPURAM
PUNALUR MUNICIPALITY
ELIKKULAM

KOTTAYAM

MARANGATTUPILLY
MOONNILAVU
NEDUNKUNNAM
TEEKOY
KURAVILANGADU
VELLAVOOR
KOZHUVANAL
PAMPADY
THALAPPALAM
KORUTHODU
MANIMALA
NJEEZHOOR
PALICKATHODU
PANACHIKKADU
PUTHUPPALLI
THALAYOLAPARAMBU
MEENACHIL
VELLOOR
KANGAZHA
MUTHOLI
POONJAR THEKKEKKARA
VAZHOOR
VELIYANNOOR
CHIRAKKADAVU
T V PURAM
UZHAVOOR
VAIKOM
KALLARA
PARATHODU
POONJAR
THALANADU
BHARANANGANAM
MARAVANTHURUTHU
CHEMPU
KADAPLAMATTOM
KOOTTICKAL
KUMARAKOM
NEENDOOR
RAMAPURAM
THALAYAZHAM
ERATTUPETTA
KAROOR
PAIPPADU
MANJOOR

	MULAKKULAM
	THIDANADU
	VECHOR
	AKALAKUNNAM
	MADAPPALLI
	UDAYANAPURAM
	MELUKAVU
	VIJAYAPURAM
	KADANADU
	MANARKAD
	KANAKKARY
	CHANGANASSERY
	KARUKACHAL
	MEENADOM
	MUNDAKKAYAM
	ERUMELI
	THRIKKODITHANAM
	KADUTHURUTHY
	KOOROPPADA
	KURICHI
VAZHAPPALLI	
AYARKUNNAM	
KOTTAYAM	
KOZHIKODE	KOORACHUND
	KOOTHALI
	KAVILUMPARA
	KUTTIADY
	KAYANNA
	AYANCHERY
	ARIKKULAM
	THURAYUR
	KODIYATHUR
	RAMANATTUKKARA
	BALUSSERY
	KEEZHARIYUR
	NOCHAD
	KOTTUR
	THALAKULATHUR
	NANMANDA
	CHEMANCHERY
	VALAYAM
	MARUTHOMKARA
	NARIPATTA
VANIMEL	

	CHAKKITTAPARA
	MANIYOR
	AZHIYOOR
	CHEKKIYAD
	THUNERY
	MEPPAYUR
	VILLAYAPALLI
	MOODADI
	PERAMBRA
	CHELANNUR
THIRUVANANTHAPURAM	CHORODE
	ARYANAD
	NELLANAD
	MALAYINKIL
	KARODE
	ATHIYANNOOR
	AZHOOR
	PAZHAYAKUNNEMMEL
	KILIMANOOR
	THOLIKODE
	VELLARADA
	ANDOORKONAM
	ILAKAMON
	PERINGAMMALA
	VAMANAPURAM
	KARUMKULAM
	KUNNATHUKAL
	MANGALAPURAM
	KIZHUVILLAM
	VILAVOORKAL
	PULIMATH
	CHEMMARUTHY
	BALARAMAPURAM
	MADAVOOR
	CHIRAYINKIL
	KARAVARAM
	ARUVIKKARA
	VENGANOOR
	KADINAMKULAM
	VARKALA
NEYATTINKARA	
	ORUMANAYUR
	KANDANASSERY
	CHOWANNUR

THRISSUR	PORKULAM
	KADANGODE
	ARTHAT
	PAZHANJI
	VELUR
	PUNNAYUR
	ELAVALLY
	VADAKKEKAD
	NATTIKA
	THOLUR GP
	KODUNGALLUR
	VALLATHOLE NAGAR
	CHOONDAL
	KORKANCHERY
	MULLASSERY
	PERUMPILAV
	THIRUVILWAMALA
	ARIMPUR
	PUNNAYURKULAM
	WAYANAD
MEPPADI	
POZHUTHANA	
KALPETTA	
KOTTATHARA	
THONDARNAD	
KANIYAMBETTA	
NOOLPUZHA	
MUTTIL	
POOTHADY	
	ALIPARAMBA
	AMARAMBALAM
	ANAKKAYAM
	ANGADIPURAM
	CHALIYAR
	CHEEKODE
	CHELEMBRA
	CHERUKAVU
	CHOKKAD
	EDAPATTA
	KALADI
	KALIKAVU
	KARULAI
	KEEZHATTUR
	KIZHUPARAMBA

MALAPPURAM

KOOTTILANGADI
KOTTAKKAL
KUZHIMANNA
MAMPAD
MARANCHERY
MOOTHEDAM
MORAYUR
NANNAMBRA
NANNAMUKKU
OZHOOR
PALLIKKAL
PANDIKKAD
PERUMANNAKLARI
POOKKOTTUR
PORUR
PULIKKAL
PURATHUR
PUZHAKKATTIRI
THENHIPPALAM
THUVVUR
TIRURANGADI
VALAVANNUR
VALLIKKUNNU
VATTAMKULAM
VAZHAKKAD
VAZHAYOOR

PALAKKAD

MUTHUTHALA
PERUVEMBU
NAGALASSERY
AMBALAPPARA
OZHALAPATHY
MUTHALAMADA
VADAVANNUR
PALLASSENA
KODUVAYUR
KODUMBU
POLPULLY
NANNIODE
PARALI
AKATHETHARA
MALAPUZHA
MUNDUR
PUDUSERY
THENKURISSI

	ALANELLUR
	KOTTOPADAM
	THACAHMPARA
	KARAKURISSI
	KALLADIKKODE KARIMBA)
	AGALI
	PUDHUR
	ANAKATTY
	SHOLAYUR
	MANNARKKAD MUNICIPALITY
	PATTAMBI
	CHALISSERY
	THRITHALA
	SHORANUR
	PATTITTHARA
	THIRUMITTAKODE
	KAPPUR
	KUMARANELLUR
	ANAKKARA
	MUTHUTHALA
ONGALLUR	
PARUTHUR	
VILAYUR	
PERINGARA	
THUMPAMON	
KOTTANAD	
PANDALAM THEKKEKARA	
MEZHUVELI	
ADOOR	
ARANMULA	
KALLOPPARA	
MYLAPRA	
NARANGANAM	
NIRANAM	
RANNI ANGADI	
SEETHATHODU	
THOTTAPPUZHASSERY	
CHERUKOLE	
EZHUMATTOOR	
KOIPURAM	
NEDUMPURAM	
OMALLOOR	
RANNI	
AYROOR	

PATHANAMTHITTA

	KOTTANGAL
	KADAMPANAD
	KUTTOOR
	PURAMATTOM
	MALLAPPUZHASSERY
	KULANADA
	MALLAPPALLY
	ANICADU
	KAVIYOOR
	ERAVIPEROOR
	ARUVAPPULAM
	RANNI PERUNADU
	THIRUVALLA
	KADAPRA
	KOZHENCHERRY
	KUNNAMTHANAM
	NARANAMMOOZHYY
	RANNI PAZHAVANGADI
	CHENNEERKARA
	MALAYALAPUZHA
	KONNI
	PARAKKODE
	VALLICODE
	PATHANAMTHITTA
	PRAMADOM
	KALANJOOR
	KODUMON
	PANDALAM
	ENADIMANGALAM
	AZHIKODE
	CHAPPARAPADAVA
	CHERUKUNNU (PUNNACHERY)
CHERUPUZHA	
CHERUTHAZHAM	
CHIRAKKAL	
ERAMAM KUTTUR	
ERUVESSY	
EZHOME	
KADAMBUR	
KADANNAPPALLY PANAPUZHA	
KALLIASSERI	
KANKOL ALAPPADAMBA	
KANNAPURAM	
KARIVELLUR PERALAM	

KANNUR

	KEEZHALLUR
	KOODALI
	KOTTIYOOR
	KUNHIMANGALAM
	KUTTIATTOOR
	MALAPPATTAM
	MATTOOL
	MAYYIL
	MOKERI
	NADUVIL
	NARATH
	PADIYOOR
	PAPPINISSERY
	PARIYARAM
	PATTUVAM
	PAYAM
	PAYYAVOOR
	PERALASSERY
	PERAVOOR
	PINARAYI
	UDAYAGIRI
	VENGAD
	KANNUR CORPORATION
	ANTHOOR
	KUTHUPARAMBA MUNICIPALITY
	PAYYANNUR MUNICIPALITY
	SREEKANDAPURAM MUNICIPALITY

LSG WITH ZERO DRUG RESISTANT TB IN 2020

DISTRICT	NAME OF LSG
ALAPPUZHA	ARYAD
	AMPBALAPPUZHA NORTH
	PUNNAPRA NORTH
	PURAKKADU
	KAVALAM
	VELIYANADU
	MUTTAR
	RAMANKARY
	NEELAMPEROOR

PULINKUNNU
CHAMPAKKULAM
NEDUMUDI (CHEMPUMPURAM)
KANDALLOOR
KARTHIKAPPALLY
KARUVATTA
THAKAZHI
EDATHUA
MUTHUKULAM
THRIKKUNNAPUZHA
CHEPPAD
CHERUTHANA
CHINGOLI
DEVIKULANGARA
KRISHNAPURAM
PALLIPPAD
THALAVADY
VEEYAPURAM
MAVELIKKRA
VENMONY
PALAMEL
NOORANAD
CHUNAKKARA
BHARANIKAV
KURATHIKAD
CHENNITHALA
CHETTIKULANGARA
CHERIYANAD
ALA
MULAKKUZHA
PULIYOOR
KADAMPUR
BUDHANUR
MANNANCHERY
ALPPUZHA
MARARIKKULAM SOUTH

	PUNNAPRA SOUTH
	KAINAKARI (KUPPAPURAM)
	PATHIYOOR
	KAYAMKULAM
	THAZHAKKARA
	MANNAR
	ERAMALLIKKARA
	PANDANAD
	VALLIKUNNAM
	THYCATTUSSERY
	KODAMTHURUTH
	KADAKKARAPPALLY
	PERUMBALAM
	THURAVOOR SOUTH
	VALLETHODE
	PALLITHODE
	AROOKKUTTY
	THQH THURAVOOR
	EZHUPUNNA
	KANJIKUZHY
	MARIRIKULAM NORTH
	CHERTHALASOUTH
	MUHAMMA
	PALLIPPURAM
	VAYALAR
	THANNEERMUKKOM
	THQH CHERTHALA
	VETTAKKAL
	PANAVALLY
	POTHANIKADU
	KALLORKKAD
	MANJAPRA
	AVOLY
MARADY	
CHOWARA	
KADAVOOR	

ERNAKULAM

PANDAPILLY
MUDAKUZHA
AYAVANA
THRIKKAKARA(UPHC)
PIRAVOM
MULAMTHURUHY
THURAVUR
PUNNEKADU
PALISSERY
THIRUVANIYUR
CHENGAMANAD
PALLARIMANGALAM
OKKAL
MOOKKANOOR
VARAPETTY
KUTTAMPUZHA
ASAMANNUR
PUTHENVELIKARA
KUNNUKARA
MANJALLOOR
KOOTHATTUKULAM
VADAVUCODE
VALAKAM
PAMPAKKUDA
PIDDIMANA
T.H ANGAMALY
PERUMBAVOOR
MUVATTUPUZHA
MALAYATOOR
PALAKKUZHA
ELANJI
PARAKADAVU
MANEED
CHERUVATOOR
AYYAMPUZHA
AMBALLOOR

	MAZHUVANNUR
	EDAKATTUVAYAL
	KUMBALANGHI
	NERYAMANGALAM
	NEDUMBASSERY
IDUKKI	BISONVALLY
	CHINNAKKANAL
	VATTAVADA
	AYYAPPANCOIL
	UDUBANCHOLA
	UPPUTHARA
	PALLIVASAL
	SANTHANPARA
	MUNNAR
	KANTHALLOOR
	ERATTAYAR
	MARIYAPURAM
	PERUVANTHANM
	SENAPATHY
	KAMAKSHY
	KONNATHADY
	MUTTOM
	PEERUMEDU
	ARAKKULAM
	KARUNAPURAM
	RAJAKUMARY
	MARAYOOR
	VATHIKUDY
	VAZHATHOPE
	KUDAYATHORE
	KOKKAYAR
	VANDIPEIYAR
	MANKULAM
	KARIMKUNNAM
	CHAKKUPALLOM
NEDUMKANDOM	

	RAJAKKADU
	KANJIKUZHY
	KODIKULAM
	MANAKKAD
	KANCHIYAR
	KATTAPPANA
	VELLIYAMATTAM
	VELLATHOOVAL
	PURAPUZHA
	UDUMBANNOOR
	DEVIKULAM
	KUMARAMANGALAM
	VANNAPPURAM
	ADIMALY
	BELLUR
KASARAGOD	VORKADI
	VALIYAPARAMBA
	KAYYUR-CHEEMENI
	KARADKA(MULLARIA())
	PULLUR PERIYA
	PANATHADY
	CHERUVATHUR
	WEST ELERI
	BEDADUKKA
	DELAMPADY(ADOOR)
	PADANNA
	EAST ELERI
	KINANNOOR KARINDALAM
	KUTTIKKOL
	NILESHWAR
	KALLAR
	MADIKAI
	KUMBADAJE
	PUTHIGAE
	ENMAKAJE(PERLA)
KOLLAM	CHIRAKKARA
	WESTKALLADA
	KUMMIL
	MUNDROTHURUTHU
	NILAMEL
ALAPPAD	

KARUNAGAPPALLY
POOTHAKKULAM
POOYAPPALLY
THRIKKARUVA
ARIENCAVU
ETTIVA
MELILA
THEKKUMBHAGAM
UMMANNOOR
CHADAYAMANGALAM
KUNNATHOOR
CHAVARA
EZHUKONE
KAREEPA
KULAKKADA
PORUVAZHY
ALAYAMON
NEENDAKARA
OACHIRA
PANMANA
CHATHANNOOR
KUNDARA
PERAYAM
YEROOR
THENMALA
KADAKKAL
PERINADU
THEVALAKKARA
CHITHARA
EAST KALLADA
PIRAVANTHOOR
KULATHUPUZHA
KARAVLOOR
PAVITRESWARAM
THODIYOOR
KOTTAMKARA
THALAVOOR
VILAKKUDY
PARAVOOR
MYLOM
KULASEKHARAPURAM
PUNALUR MUNICIPALITY
CLAPPANA
PATTAZHI

	PANAYAM
	ADICHANALLOOR
	NEDUMPANA
	NEDUVATHOOR
	THRIKKOVILVATTOM
KOTTAYAM	ELIKKULAM
	MARANGATTUPILLY
	MOONNILAVU
	NEDUNKUNNAM
	TEEKOY
	VELLAVOOR
	KOZHUVANAL
	PAMPADY
	THALAPPALAM
	KORUTHODU
	MANIMALA
	NJEEZHOOR
	PALICKATHODU
	PANACHIKKADU
	PUTHUPPALLI
	THALAYOLAPARAMBU
	MEENACHIL
	VELLOOR
	KANGAZHA
	MUTHOLI
	POONJAR THEKKEKKARA
	VAZHOOR
	VELIYANNOOR
	CHIRAKKADAVU
	T V PURAM
	UZHAVOOR
	VAIKOM
	KALLARA
	PARATHODU
	POONJAR
	THALANADU
	BHARANANGANAM
	MARAVANTHURUTHU
	CHEMPU
	KADAPLAMATTOM
KOOTTICKAL	
KUMARAKOM	
NEENDOOR	
RAMAPURAM	

	THALAYAZHAM
	ERATTUPETTA
	KAROOR
	MANJOOR
	MULAKKULAM
	THIDANADU
	AKALAKUNNAM
	MADAPPALLI
	UDAYANAPURAM
	MELUKAVU
	KANAKKARY
	KARUKACHAL
	MEENADOM
	MUNDAKKAYAM
	THRIKKODITHANAM
	KOOROPPADA
	VAZHAPPALLI
	THIRUVRPPU
	KIDANGOOR
	ETTUMANOOR
ARPOOKKARA	
KOORACHUND	
KOOTHALI	
KUTTIADY	
KAYANNA	
ARIKKULAM	
THURAYUR	
KODIYATHUR	
RAMANATTUKKARA	
BALUSSERY	
KEEZHARIYUR	
NOCHAD	
THALAKULATHUR	
NANMANDA	
CHEMANCHERY	
MARUTHOMKARA	
NARIPATTA	
VANIMEL	
CHAKKITTAPARA	
MANIYOR	
AZHIYOOR	
CHEKKIYAD	
THUNERY	
MEPPAYUR	

KOZHIKODE

	VILLAYAPALLI
	MOODADI
	CHELANNUR
	KUNNUMMAL
	KAYAKUDI
	ERAMALA
	CHERUVANNUR
	ULLIYERI
	VELAM
	ATHOLI
	NADUVANNUR
	PERUMANNA
	CHANGAROTH
	KUNNAMANGALAM
	CHATHAMANGALAM
	KAKKODI
	PERUVAYAL
	MANVOOR
	NADAPURAM
	KAKKOOR
	CHENGHOTUKAVU
	OLAVANNA
	PURAMERY
	ONCHIYAM
	KIZHAKKOTH
	NARIKKUNI
	MADAVOOR
	KATTIPPARA
	KODUVALLY
	KOODARANHI
	KODENCHERRY
	THAMARASSERY
	THIRUVAMBADY
	MUKKAM
	KURUVATOOR
	AMBOORI
	UZHAMALAKKAL
	OTTASEKARAMANGALAM
	OTTOOR
THIRUVANANTHAPURAM	KALLIKKAD
	KATTAKKADA
	KUTTICAL
	MARANALLOOR
	VELLANAD

THIRUPURAM
VILAPPIL
KANJIRAMKULAM
ARYANCODE
POOVAR
MUDAKKAL
POOVACHAL
VAKKOM
POTHENCODE
CHERUNNIYOOR
PALLICKAL
PANAVOOR
PANGODE
PULLAMPARA
VETTOOR
EDAVA
KARAKULAM
ATTINGAL
NAGAROOR
ANAD
KALLARA
MANAMBUR
NAVAIKULAM
NELLANAD
MALAYINKIL
KARODE
ATHIYANNOOR
AZHOOR
PAZHAYAKUNNEMMEL
KILIMANOOR
THOLIKODE
VELLARADA
ANDOORKONAM
ILAKAMON
PERINGAMMALA
VAMANAPURAM
KARUMKULAM
MANGALAPURAM
KIZHUVILLAM
VILAVOORKAL
PULIMATH
BALARAMAPURAM
CHIRAYINKIL
ARUVIKKARA

	VENGANOOR
	KADINAMKULAM
	VARKALA
	KULATHOOR
	ANCHUTHENGU
	NANNIYODE
	VITHURA
	KALLIYOOR
	NEDUMANGAD
	KOTTUKAL
	ORUMANAYUR
THRISSUR	KANDANASSERY
	CHOWANNUR
	PORKULAM
	KADANGODE
	PUNNAYUR
	ELAVALLY
	VADAKKEKAD
	NATTIKA
	THOLUR GP
	KODUNGALLUR
	VALLATHOLE NAGAR
	KORKANCHERY
	PERUMPILAV
	THIRUVILWAMALA
	PUNNAYURKULAM
	PUTHENCHIRS
	PAVARATTY
	VENKIDENGU
	KOLAZHY PANCHAYAT (PMBOOR)
	CHALAKKUDY
	VELOOKKARA
WAYANAD	THONDARNAD
	PULPALLY
	VELLAMUNDA
	PANAMARAM
	THAVINJAL
	EDAVAKA
MALAPPURAM	THIRUNELLY
	ALANCODE
	ALIPARAMBU
	AMARAMBALAM
	ANGADIPURAM
AR NAGAR	

AREACODE
ATHAVANAD
CHALIYAR
CHEEKODE
CHELEMBRA
CHERIYAMUNDAM
CHERUKAVU
CHOKKAD
CHUERUKAVU
CHUNGATHARA
EDAKKARA
EDAPATTA
EDAPPAL
EDARIKODE
EDAVANNA
EDAYOOR
ELAMKULAM
IRUMBILIUM
KALADI
KALIKAVU
KALPAKANCHERI
KANNAMANGALAM
KARULAI
KARUVARAKUNDU
KAVANNUR
KEEZHUPARAMBU
KIZHUPARAMBA
KODUR
KONDOTTY
KOOTTILANGADI
KOTTAKKAL
KURUVA
KUZHIMANNA
MAKKARAPARAMBA
MALAPPURAM
MAMPAD
MANGALAM
MANKADA
MARAKKARA
MARANCHERY
MELATTUR
MOONNIYUR
MOORKANAD
MOOTHEMAM

MORAYUR
NANNAMBRA
NANNAMUKKU
NILAMBUR
OORAKAM
OTHUKKUNGAL
OZHOOR
PALLIKKAL
PANDIKKAD
PARAPPANANGADI
PARAPPUR
PERUMANNACLARI
PERUMPADAPPU
PERUVALLUR
PONMALA
PONMUNDAM
PONNANI
POOKKOTTUR
PORUR
POTHUKAL
PULAMANTHOL
PULIKKAL
PULPATTA
PURATHUR
PUZHAKKATTIRI
TANUR
THALAKKAD
TANALUR
THAZHEKODE
THENHIPALAM
THENNALA
THIRUNAVAYA
THIRUVALY
THRIPRANGODE
THUVVUR
TIRURANGADI
TRIKKANAPURAM
URGATTIRI
VALANCHERY
VALAVANNUR
VALLIKKUNNU
VATTAMKULAM
VAZHAKKAD
VAZHIKADAVU

	VELIYANCODE
	VENGARA
PALAKKAD	VETTATHUR
	VETTOM
	WANDOOR
	MUTHUTHALA
	PERUVEMBU
	NAGALASSERY
	AMBALAPPARA
	OZHALAPATHY
	KOTTOPADAM
	PERUMATTY
	KOLLENGODE
	KUMARAMPUTHUR
	PALAKKAD MUNICIPALITY
	NALLEPILLY
	ELAPULLY
	CHITTUR MUNICIPALITY
	KODUMBU
	POLPULLY
	ERUTHIYAMPATHY
	VADAVANNUR
	ELAVANCHERY
	PUDUNAGARAM
	KONGAD
	KUZHALMANNAM
	KANNADI
	MALAMPUZHA
	MARUTHAROAD
	MUNDUR
	PERUVEMBU
	PIRAYIRI
	PUDUPARIYARAM
	THENKURISSI
	ALANELLUR
	THACHAMPARA
THACHANATTUKARA	
KANJIRAPUZHA	
THENKARA	
PUDHUR	
ANAKATTY	
PATTAMBI	
CHALISSERY	
THRITHALA	

	SHORANUR
	PATTITTHARA
	THIRUMITTAKODE
	KUMARANELLUR
KANNUR	ALAKODE
	ANJARAKANDY
	AYYANKUNNU
	CHAPPARAPADAVA
	CHEMBILODE
	CHERUKUNNU (PUNNACHERY)
	CHERUPUZHA
	CHERUTHAZHAM
	CHIRAKKAL
	DHARMADAM
	ERUVESSY
	EZHOME
	IRIKKUR
	KADAMBUR
	KADANNAPPALLY PANAPUZHA
	KADIRUR
	KALLIASSERI
	KANICHAR
	KANKOL ALAPPADAMBA
	KANNAPURAM
	KARIVELLUR PERALAM
	KEEZHALLUR
	KELAKAM
	KOLACHERY
	KOLAYAD
	KOODALI
	KOTTAYAM
	KOTTIYOOR
	KUNHIMANGALAM
	KUNNOTHUPARAMBA
	KURUMATHUR
	KUTTIATTOOR
	MADAYI
	MALAPPATTAM
	MALUR
	MANGATTIDAM
	MATTOOL
	MAYYIL
	MOKERI
	MUNDERI

	MUZHAKKUNNU
	NADUVIL
	NEW MAHE
	PADIYOOR
	PAPPINISSERY
	PARIYARAM
	PATTIAM
	PAYAM
	PAYYAVOOR
	PERALASSERY
	PERAVOOR
	PERINGOME VAYAKKARA
	PINARAYI
	RAMANTHALI
	THILLANKERY
	TRIPRANGOTTOOR
	UDAYAGIRI
	VALAPATTANAM
	ANTHOOR
	IRITTY
	KUTHUPARAMBA
	MATTANUR
	PAYYANNUR
	SREEKANDAPURAM
	THALIPARAMBA
	PERINGARA
	THUMPAMON
	KOTTANAD
	PANDALAM THEKKEKARA
	THANNITHODU
	MEZHUVELI
	ADOOR
	ARANMULA
	KALLOPPARA
	MYLAPRA
	NARANGANAM
	NIRANAM
	RANNI ANGADI
	SEETHATHODU
	THOTTAPPUZHASSERY
	CHERUKOLE
	EZHUMATTOOR
	KOIPURAM
	NEDUMPURAM
PATHANAMTHITTA	

	OMALLOOR
	RANNI
	AYROOR
	KOTTANGAL
	KADAMPANAD
	KUTTOOR
	PURAMATTOM
	MALLAPPUZHASSERY
	CHITTAR
	KULANADA
	MALLAPPALLY
	ANICADU
	KAVIYOOR
	ERAVIPEROOR
	VECHOOCHIRA
	ARUVAPPULAM
	ERATHU
	RANNI PERUNADU
	THIRUVALLA
	VADASERIKARA
	KADAPRA
	KOZHENCHERRY
	EZHAMKULAM
	KUNNAMTHANAM
	NARANAMMOOZHY
	RANNI PAZHAVANGADI
	CHENNEERKARA
	MALAYALAPUZHA
	ELANTHOOR
	KONNI
	PARAKKODE

LSG WITH ZERO LOST TO FOLLOW UP AMONG TB PATIENTS IN 2019

DISTRICT	NAME OF LSG
ALAPPUZHA	ARYAD
	AMPBALAPPUZHA NORTH
	PUNNAPRA NORTH
	PURAKKADU
	KAVALAM
	MUTTAR

RAMANKARY
NEELAMPEROOR
PULINKUNNU
CHAMPAKKULAM
NEDUMUDI (CHEMPUMPURAM)
ARATTUPUZHA
KANDALLOOR
KARTHIKAPPALLY
THAKAZHI
EDATHUA
MUTHUKULAM
THRIKKUNNAPUZHA
CHEPPAD
CHERUTHANA
CHINGOLI
DEVIKULANGARA
HARIPAD
KRISHNAPURAM
KUMARAPURAM
PALLIPAD
THALAVADY
VEEYAPURAM
MAVELIKKRA
VENMONY
PALAMEL
CHUNAKKARA
BHARANIKAV
KURATHIKAD
CHENNITHALA
CHETTIKULANGARA
CHERIYANAD
ALA
CHENGANNUR
MULAKKUZHA
PULIYOOR
KADAMPUR

	BUDHANUR	
	MANNANCHERY	
	ALPPUZHA	
	MARARIKKULAM SOUTH	
	AMPBALAPPUZHA SOUTH	
	KAINAKARI (KUPPAPURAM)	
	KAYAMKULAM	
	THAMARAKKULAM	
	THAZHAKKARA	
	MANNAR	
	ERAMALLIKKARA	
	PANDANAD	
	THYCATTUSSERY	
	KODAMTHURUTH	
	KADAKKARAPPALLY	
	PERUMBALAM	
	VALLETHODE	
	PALLITHODE	
	AROOKKUTTY	
	THQH THURAVOOR	
	KANJIKUZHY	
	MARIRIKULAM NORTH	
	CHERTHALASOUTH	
	MUHAMMA	
	VAYALAR	
	ERNAKULAM	POTHANIKADU
		KALLORKKAD
		MANJAPRA
		AVOLY
		MARADY
		CHOWARA
		KADAVOOR
		PANDAPILLY
MUDAKUZHA		
AYAVANA		
THRIKKAKARA(UPHC)		

PIRAVOM
MULAMTHURUHY
THURAVUR
PUNNEKADU
PALISSERY
THIRUVANIYUR
CHENGAMANAD
PALLARIMANGALAM
OKKAL
MOOKKANOOR
VARAPETTY
KUTTAMPUZHA
ASAMANNUR
PUTHENVELIKARA
KUNNUKARA
MANJALLOOR
KOOTHATTUKULAM
VADAVUCODE
VALAKAM
PAMPAKKUDA
PIDDIMANA
T.H ANGAMALY
PERUMBAVOOR
MUVATTUPUZHA
MALAYATOOR
PALAKKUZHA
ELANJI
PARAKADAVU
KUMBALAM
KANJOOR
KOTTAPADY
THIRUMARADY
POTHRIKKA
RAMAMANGALAM
MARADU
VENGOOR

	KOOVAPPADY
	PAIPRA
	KUNNATHUNAD
	AIKARANAD
	KADAMAKUDY
	KALADY
IDUKKI	BISONVALLY
	CHINNAKKANAL
	VATTAVADA
	AYYAPPANCOIL
	UDUBANCHOLA
	UPPUATHARA
	PALLIVASAL
	SANTHANPARA
	MUNNAR
	KANTHALLOOR
	ERATTAYAR
	MARIYAPURAM
	PERUVANTHANM
	SENAPATHY
	KAMAKSHY
	KONNATHADY
	MUTTOM
	PEERUMEDU
	ARAKKULAM
	RAJAKUMARY
	MARAYOOR
	VATHIKUDY
	VAZHATHOPE
	KUDAYATHORE
	KOKKAYAR
	VANDIPEIYAR
	MANKULAM
	KARIMKUNNAM
CHAKKUPALLOM	
NEDUMKANDOM	

	RAJAKKADU
	KANJIKUZHY
	KODIKULAM
	MANAKKAD
	KANCHIYAR
	KATTAPPANA
	VELLIYAMATTAM
	VELLATHOOVAL
	PURAPUZHA
	UDUMBANNOOR
	DEVIKULAM
	KUMARAMANGALAM
	ADIMALY
	ELAPPARA
	VANDANMEDU
	PAMPADUMPARA
	KUMILY
	EDAVETTY
	KARIMANNOOR
	THODUPUZHA
	KANNUR
UDAYAGIRI	
KADAMBUR	
KASARAGOD	VALIYAPARAMBA
	KAYYUR-CHEEMENI
	KARADKA(MULLARIA)
	PULLUR PERIYA
	PANATHADY
	CHERUVATHUR
	WEST ELERI
	BEDADUKKA
	DELAMPADY(ADOOR)
	PADANNA
	KINANNOOR KARINDALAM
	KALLAR
	MADIKAI
	KUMBADAJE
	PUTHIGAE
ENMAKAJE(PERLA)	

	BALAL
	MADHUR
	PAIVALIGAE(BAYAR)
	MEENJA
	PILICODE
	BADIYADUKA
	MULIYAR
	AJANUR
	KUMBALA
	MOGRAL PUTHUR
	UDUMA
	WESTKALLADA
	KUMMIL
	MUNDROTHURUTHU
	ALAPPAD
	KARUNAGAPPALLY
	POOTHAKKULAM
	POOYAPPALLY
	THRIKKARUVA
	ARIENCAVU
	ETTIVA
	MELILA
	THEKKUMBHAGAM
	CHADAYAMANGALAM
	KUNNATHOOR
	CHAVARA
	EZHUKONE
	KAREEPRA
	KULAKKADA
	PORUVAZHY
	ALAYAMON
	NEENDAKARA
	CHATHANNOOR
	PERAYAM
	THENMALA
	KADAKKAL
	EAST KALLADA
	KARAVALOOR
	PAVITRESWARAM
	THODIYOOR
	KOTTAMKARA
	THALAVOOR
	VILAKKUDY
	MYLOM
KOLLAM	

	PUNALUR MUNCIPALITY	
	CLAPPANA	
	PATTAZHI	
	PANAYAM	
	ADICHANALLOOR	
	NEDUMPANA	
	THRIKKOVILVATTOM	
	PATTAZHI VADAKKEKKARA	
	SOORANADU SOUTH	
	KOTTARAKKARA	
	SOORANADU NORTH	
	VELINALLOOR	
	ELAMADU	
	VELIYAM	
	ANCHAL	
	PATHANAPURAM	
	SASTHAMCOTTA	
	EDAMULAKKAL	
	KALLUVATHUKKAL	
	MAYYANADU	
	MYNAGAPPALLY	
	KOTTAYAM	ELIKKULAM
		MARANGATTUPILLY
		MOONNILAVU
		NEDUNKUNNAM
		TEEKOY
VELLAVOOR		
KOZHUVANAL		
PAMPADY		
THALAPPALAM		
KORUTHODU		
MANIMALA		
NJEEZHOOR		
PALICKATHODU		
PANACHIKKADU		
PUTHUPPALLI		
THALAYOLAPARAMBU		
MEENACHIL		
VELLOOR		
KANGAZHA		
MUTHOLI		
POONJAR THEKKEKKARA		
VAZHOOR		
VELIYANNOOR		

CHIRAKKADAVU
T V PURAM
UZHAVOOR
VAIKOM
KALLARA
PARATHODU
POONJAR
THALANADU
BHARANANGANAM
MARAVANTHURUTHU
CHEMPU
KADAPLAMATTOM
KOOTTICKAL
NEENDOOR
RAMAPURAM
THALAYAZHAM
ERATTUPETTA
MANJOOR
MULAKKULAM
THIDANADU
AKALAKUNNAM
MADAPPALLI
UDAYANAPURAM
MELUKAVU
KANAKKARY
KARUKACHAL
MEENADOM
MUNDAKKAYAM
THRIKKODITHANAM
KOOROPPADA
THIRUVRPPU
ETTUMANOOR
ARPOOKKARA
KURAVILANGADU
PAIPPADU
VECHOR
KADANADU
MANARKAD
CHANGANASSERY
KURICHI
AYARKUNNAM
KOTTAYAM
AYMANAM
VIJAYAPURAM

KOZHIKODE	VAKATHANAM
	KOORACHUND
	KOOTHALI
	KUTTIADY
	KAYANNA
	ARIKKULAM
	THURAYUR
	KODIYATHUR
	RAMANATTUKKARA
	BALUSSERY
	KEEZHARIYUR
	NOCHAD
	THALAKULATHUR
	NANMANDA
	CHEMANCHERY
	MARUTHOMKARA
	NARIPATTA
	VANIMEL
	CHAKKITTAPARA
	MANIYOR
	AZHIYOOR
	CHEKKIYAD
	THUNERY
	MEPPAYUR
	VILLAYAPALLI
	MOODADI
	CHELANNUR
	KUNNUMMAL
	KAYAKUDI
	ERAMALA
	CHERUVANNUR
	ULLIYERI
	VELAM
	ATHOLI
	NADUVANNUR
	PERUMANNA
	CHANGAROTH
	KUNNAMANGALAM
	CHATHAMANGALAM
	KAKKODI
PERUVAYAL	
MANVOOR	
NADAPURAM	
KAKKOOR	

	CHENGHOTUKAVU
	PURAMERY
	ONCHIYAM
	KIZHAKKOTH
	NARIKKUNI
	MADAVOOR
	KATTIPPARA
	KODUVALLY
	KOODARANHI
	KODENCHERRY
	THAMARASSERY
	THIRUVAMBADY
	MUKKAM
	KURUVATOOR
	AYANCHERY
	KOTTUR
	PERAMBRA
	CHORODE
	UNNIKULAM
	THIKKODY
	PAYYOLI
	PANANGAD
	EDACHERY
	THIRUVALLUR
	KADALUNDI
	OMASSERY
	KARASSERY
	PUTHUPPADY
	AMBOORI
	UZHAMALAKKAL
	OTTASEKARAMANGALAM
	OTTOOR
	KALLIKKAD
	KATTAKKADA
	KUTTICAL
	MARANALLOOR
	VELLANAD
	THIRUPURAM
	VILAPPIL
	KANJIRAMKULAM
	ARYANCODE
	POOVAR
	POOVACHAL
	VAKKOM
THIRUVANANTHAPURAM	

POTHENCODE
CHERUNNIYOOR
PALLICKAL
PANAVOOR
PANGODE
PULLAMPARA
VETTOOR
EDAVA
KARAKULAM
NAGAROOR
ANAD
KALLARA
MANAMBUR
NELLANAD
MALAYINKIL
KARODE
ATHIYANNOOR
AZHOOR
PAZHAYAKUNNEMMEL
KILIMANOOR
THOLIKODE
VELLARADA
ANDOORKONAM
ILAKAMON
PERINGAMMALA
VAMANAPURAM
KARUMKULAM
MANGALAPURAM
KIZHUVILLAM
VILAVOORKAL
PULIMATH
BALARAMAPURAM
ARUVIKKARA
VENGANNOOR
KADINAMKULAM
VARKALA
KULATHOOR
ANCHUTHENGU
NANNIYODE
VITHURA
NEDUMANGAD
KOLLAYIL
PERUMKADAVILA
KADAKKAVOOR

	ARYANAD
	KUNNATHUKAL
	CHEMMARUTHY
	MADAVOOR
	KARAVARAM
	PALLICHAL
THRISSUR	ORUMANAYUR
	KANDANASSERY
	CHOWANNUR
	PORKULAM
	KADANGODE
	PUNNAYUR
	ELAVALLY
	VADAKKEKAD
	NATTIKA
	THOLUR GP
	KODUNGALLUR
	VALLATHOLE NAGAR
	KORKANCHERY
	PERUMPILAV
	THIRUVILWAMALA
	PUNNAYURKULAM
	PUTHENCHIRS
	PAVARATTY
	VENKIDENGU
	KOLAZHY PANCHAYAT (PMBOOR)
	CHALAKKUDY
	ARTHAT
	PAZHANJI
	VELUR
WAYANAD	MULLASSERY
	MOOPAINAD
	POZHUTHANA
	KOTTATHARA
	MUTTIL
	THARIYODE
	MEENAGADI
	PADINJARATHRA
MALAPPURAM	VYTHIRI
	A.R.NAGAR
	ALIPARAMBA
	AMARAMBALAM
	ANGADIPURAM
ATHAVANAD	

CHALIYAR
CHEACODE
CHELEMBRA
CHOKKAD
CHUNGATHARA
EDAKKARA
EDAPATTA
EDAPPAL
EDARICODE
EDAVANNA
EDAYUR
ELAMKULAM
IRIMBILIYAM
KALIKAVU
KALPAKANCHERY
KANNAMANGALAM
KARULAI
KARUVARAKUNDU
KAVANUR
KEEZHATTUR
KEEZHUPARAMBA
KODUR
KONDOTTY
KOOTTILANGADI
KOTTAKKAL
KURUVA
KUTTIPPURAM
KUZHIMANNA
MAKKARAPARAMBA
MALAPPURAM
MAMBAD
MANGALAM
MANJERI
MOONNIYUR
MOOTHEDAM
MORAYUR
NANNAMBRA
NEDIYIRUPPU
NILAMBUR
OORAKAM
PALLIKAL
PANDIKKAD
PARAPPUR
PERUMANNAKLARI

	PERUMPADAPPU
	PERUVALLUR
	PONMALA
	POOKKOTTUR
	PORUR
	POTHUKALLU
	PULAMANTHOLE
	PULPATTA
	PURATHUR
	PUZHAKKATTIRI
	TANALUR
	TANUR
	THAVANUR
	THAZHEKODE
	THENNALA
	THIRUNAVAYA
	THIRUVALY
	THRIKKALANGODE
	THUVVUR
	TIRUR
	TIRURANGADI
	URNGATTIRI
	VALANCHERY
	VALAVANNUR
	VALIKUNNU
	VATTAMKULAM
	VAZHAYOOR
	VAZHIKADAVU
	VETTOM
	VETTATHUR
	WANDOOD
	MUTHUTHALA
	PERUVEMBU
	AMBALAPPARA
	KOTTOPADAM
	PERUMATTY
	KOLLENGODE
	KODUMBU
	POLPULLY
	VADAVANNUR
	PUDUNAGARAM
	NALLEPILLY
	KOZHINJAMPARA
	KUZHALLMANNAM
PALAKKAD	

KANNUR	AKATHETHARA
	KANNADI
	MALAMPUZHA
	MUNDUR
	THENKURISSI
	THACHANATTUKARA
	THENKARA
	KANJIRAPUZHA
	THACHAMPARA
	KARAKURISSI
	AGALI
	PUDHUR
	SHOLAYUR
	VILAYUR
	NAGALASSERY
	PATTITHARA
	KUMARANELLUR
	PARUTHUR
	KULUKKALLUR
	ALAKODE
	ARALAM
	AYYANKUNNU
	CHEMBILODE
	CHENGALAYI
	CHERUKUNNU (PUNNACHERY)
	CHERUPUZHA
	CHERUTHAZHAM
	CHOKLI
	DHARMADAM
	ERAMAM KUTTUR
	ERUVESSY
	EZHOME
	IRIKKUR
	KADAMBUR
	KADANNAPPALLY PANAPUZHA
	KANICHAR
	KANKOL ALAPPADAMBA
	KANNAPURAM
	KARIVELLUR PERALAM
	KOLACHERY
	KOLAYAD
	KOODALI
	KOTTAYAM
KOTTIYOOR	

	KUNHIMANGALAM
	KUNNOTHUPARAMBA
	KURUMATHUR
	KUTTIATTOOR
	MALAPPATTAM
	MALUR
	MATTOOL
	MAYYIL
	MOKERI
	MUNDERI
	NARATH
	NEW MAHE
	PADIYOOR
	PANNIYANNUR
	PAPPINISSERY
	PARIYARAM
	PATTIAM
	PATTUVAM
	PAYAM
	PAYYAVOOR
	PERALASSERY
	PERAVOOR
	PINARAYI
	RAMANTHALI
	TRIPRANGOTTOOR
	UDAYAGIRI
	ULIKKAL
	MATTANUR
	SREEKANDAPURAM
	THALIPARAMBA
	KAVIYOOR
	ERAVIPEROOR
	ARUVAPPULAM
RANNI PERUNADU	
THIRUVALLA	
KADAPRA	
KOZHENCHERRY	
KUNNAMTHANAM	
NARANAMMOOZHY	
RANNI PAZHAVANGADI	
CHENNEERKARA	
MALAYALAPUZHA	
KONNI	
PARAKKODE	

PATHANAMTHITTA

	VALLICODE
	PATHANAMTHITTA
	PRAMADOM
	KALANJOOR
	KODUMON
	PANDALAM
	ENADIMANGALAM
	THANNITHODU
	ERATHU
	VADASERIKARA
	EZHAMKULAM
	VECHOOCHIRA
	ELANTHOOR
	CHITTAR
	PALLICKAL

LSG WITH VERY HIGH PRESUMPTIVE TB EXAMINATION RATE (>2000/LAKH)

DISTRICT	NAME OF LSG
ALAPUZHA	PALLIPAD
	THQH THURAVOOR
	THAKAZHI
	ARATTUPUZHA
	KARTHIKAPPALLY
	THRIKKUNNAPUZHA
	MUTHUKULAM
	KAYAMKULAM
	PATHIYOOR
	KRISHNAPURAM
	CHINGOLI
	KUMARAPURAM
	CHERUTHANA
	KANDALLOOR
	CHEPPAD
	DEVIKULANGARA
	VEEYAPURAM
	KARUVATTA
	HARIPAD
	THALAVADY
EDATHUA	
KODAMTHURUTH	
AROOKKUTTY	

	THQH CHERTHALA
	ALA
	PALLIPPURAM
	MAVELIKKRA
ERNAKULAM	MUHAMMA
	KANJOOR
	ALUVA
	ELOOR
	PERUMBAVOOR
	AIKARANAD
	KOOTHATTUKULAM
	PUNNEKADU
	NERYAMANGALAM
	PIRAVOM
	VARAPETTY
POTHANIKADU	
IDUKKI	ADIMALY
	RAJAKUMARY
KASARAGOD	KASARAGOD
	KALLAR
	BELLUR
KOLLAM	ANCHAL
	NEENDAKARA
	KUNDARA
	CHADAYAMANGALAM
	PUNALUR MUNICIPALITY
KOTTAYAM	ARPOOKKARA
	PALA
	VAIKOM
	UZHAVOOR
	PAMPADY
	KANJIRAPPALLI
	CHANGANASSERY
	ETTUMANOOR
	BHARANANGANAM
	KURAVILANGADU
	KIDANGOOR
	KOOTTICKAL
	KUMARAKOM
	VAZHAPPALLI
	KOTTAYAM
KADAPLAMATTOM	
KORUTHODU	
KOZHIKODE	BALUSSERY
	MANVOOR

	THALAKULATHUR
	FEROKE
	CHEMANCHERY
PALAKKAD	KOLLENGODE
	PALAKKAD MUNICIPALITY
	KUMARAMPUTHUR
	OZHALAPATHY
	AMBALAPPARA
	PERUVEMBU
THIRUVANANTHAPURAM	ATTINGAL
	VELLARADA
	AMBOORI
	KILIMANNOOR
	THIRUVANANTHAPURAM
	KATTAKKADA
	VENGANOOR
	VARKALA
	ANDOORKONAM
	MALAYINKIL
	NEDUMANGAD
	VAKKOM
	KUNNATHUKAL
	VAMANAPURAM
	ATHIYANNOOR
	VITHURA
	PERUMKADAVILA
	KARUMKULAM
	KULATHOOR
	POOVAR
NANNIYODE	
THRISSUR	KODUNGALLUR
	ARIMPUR
	MULLASSERY
WAYANAD	S BATHERY
	KALPETTA
	VYTHIRI
	MOOPAINAD
	MUTTIL
	THARIYODE
	POZHUTHANA
POOTHADY	
KANNUR	PERAVOOR
	MALUR
	KOLAYAD
	ARALAM

	CHOKLI
	PANNIYANNUR
	ERANHOLI
	PINARAYI
	VALAPATTANAM
	KOLACHERY
	NADUVIL
	THALASSERY
IRITTY	
PATHANAMTHITTA	KOZHENCHERRY
	THUMPAMON
	ADOOR
	RANNI
	ARUVAPPULAM
	MYLAPRA
	KONNI
	MALLAPPALLY
	PATHANAMTHITTA
	MEZHUVELI
THIRUVALLA	
MALLAPPUZHASSERY	
NIRANAM	

