

Report on

“Implementing TB Elimination Mission Through Local Self-Government Stewardship in Kerala”

December 2020



State TB Cell, Directorate of Health Services, Kerala



Kerala HEALTH



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.



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	-

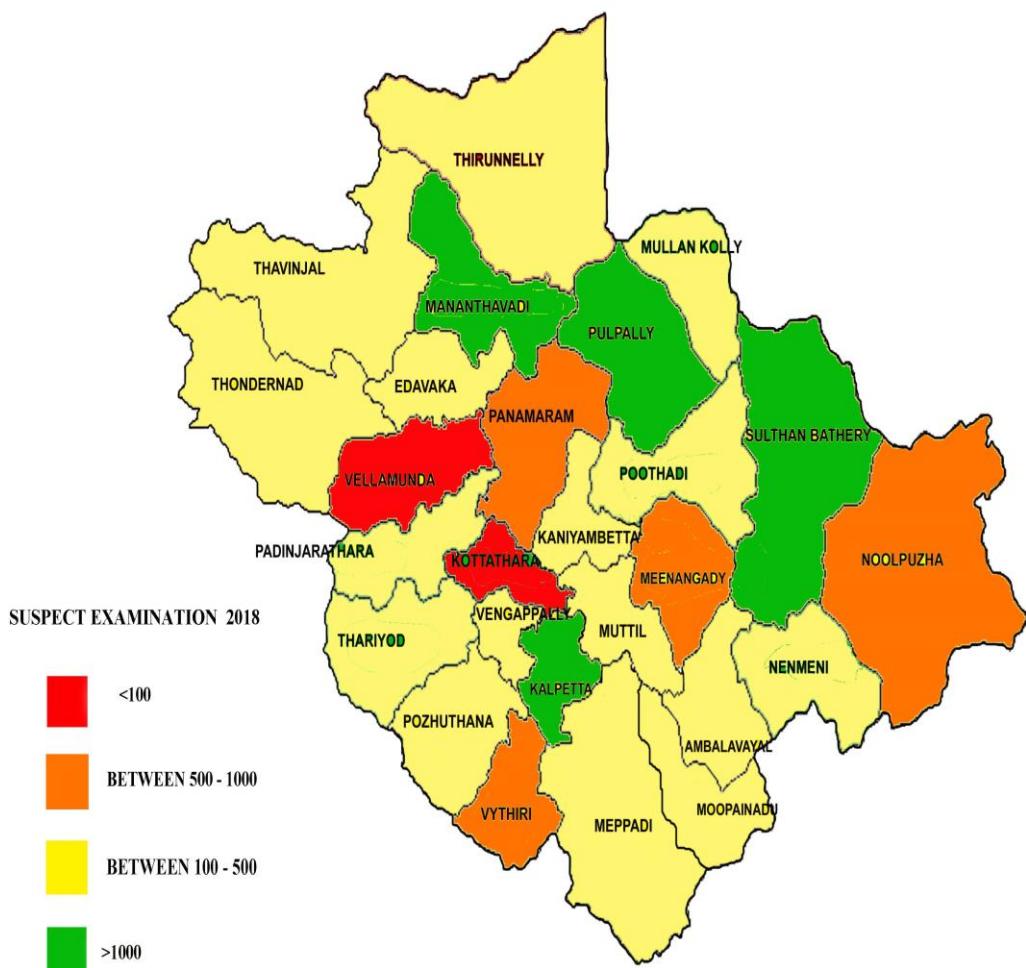
Glimpses from meetings of LSG TB Elimination Task Forces



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.

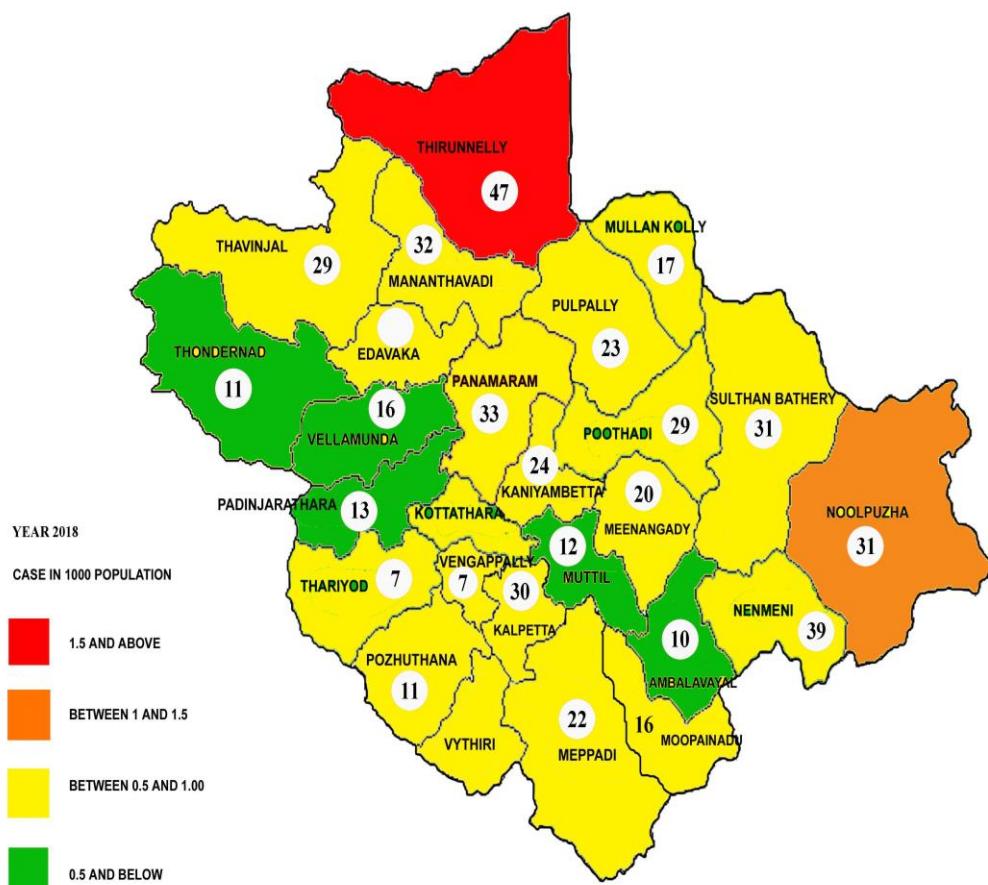


Example of a LSG wise map of annual presumptive TB Examination

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 tracking 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.

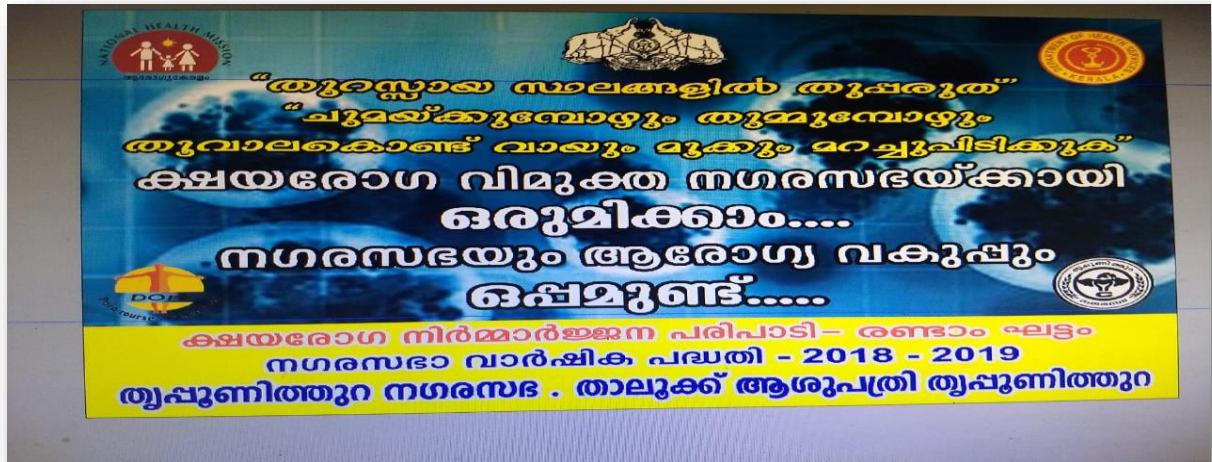
Process: Fast tracking for TB pension. At the time of initiation of treatment medical officer of the PHI certifies the patient's disease status and estimated duration of treatment. Jr. HI of the PHI (TBHV/STS in other areas) helps to fill application for pension and submit to village office. Village 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	KUZHIPPILLY	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

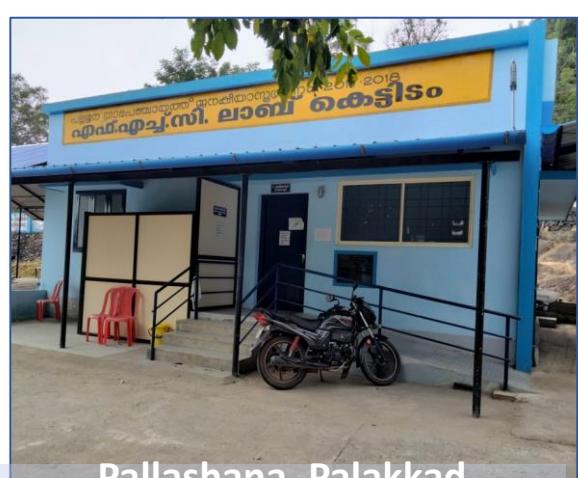
Glimpses of Infrastructures for TB services funded by LSGs



Laboratory at CHC Vellarada



Govt.Hospital, Iranimuttom



Pallashana, Palakkad





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

ERNAKULAM	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)

	KOTTAPADY
	THRIPIUNNITHURA(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 TRIKKARIIPPUR MANJESWER CHERUVATHUR WEST ELERI BEDADUKKA DELAMPADY(ADOOR) PADANNA EAST ELERI KINANOOR 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
KARAVALOOR
PAVITRESPARARAM
THODIYOOR
KOTTAMKARA
THALAVOOR
VILAKKUDY
THAZHAVA
ELAMPALLOOR
PARAVOOR
MYLOM
PATHANAPURAM
KULASEKHARAPURAM
PUNALUR MUNCIPALITY
ELIKKULAM

KOTTAYAM

MARANGATTUPILLY
MOONNILAVU
NEDUNKUNNAM
TEEKOY
KURAVILANGADU
VELLA VOOR
KOZHUVANAL
PAMPADY
THALAPPALAM
KORUTHODU
MANIMALA
NJEEZHOOR
PALICKATHODU
PANACHIKKADU
PUTHUPPALLI
THALAYOLAPARAMBU
MEENACHIL
VELLOOR
KANGAZHA
MUTHOLI
POONJAR THEKKERKARA
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

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

THIRUVANANTHAPURAM

CHAKKITTAPARA
MANIYOR
AZHIYOOR
CHEKKIYAD
THUNERY
MEPPAYUR
VILLAYAPALLI
MOODADI
PERAMBRA
CHELANNUR
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
NEYYATTINKARA
ORUMANAYUR
KANDANASSERY
CHOWANNUR

	PORKULAM
	KADANGODE
	ARTHAT
	PAZHANJI
	VELUR
THRISSUR	PUNNAYUR
	ELAVALLY
	VADAKKEKAD
	NATTIKA
	THOLUR GP
	KODUNGALLUR
	VALLATHOLE NAGAR
	CHOONDAL
	KORKANCHERY
	MULLASSERY
	PERUMPILAV
	THIRUVILWAMALA
	ARIMPUR
	PUNNAYURKULAM
WAYANAD	MOOPAINAD
	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
	PERUMANNACLARI
	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

PATHANAMTHITTA

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
KALLOOPPARA
MYLAPRA
NARANGANAM
NIRANAM
RANNI ANGADI
SEETHATHODU
THOTTAPPUZHASSERY
CHERUKOLE
EZHUMATTOOR
KOIPURAM
NEDUMPURAM
OMALLOOR
RANNI
AYROOR

KANNUR	KOTTANGAL
	KADAMPANAD
	KUTTOOR
	PURAMATTOM
	MALLAPPUZHASSERY
	KULANADA
	MALLAPPALLY
	ANICADU
	KAVIYOOR
	ERAVIPEROOR
	ARUVAPPULAM
	RANNI PERUNADU
	THIRUVALLA
	KADAPRA
	KOZHENCHERRY
	KUNNAMTHANAM
	NARANAMMOOZHY
	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

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

ERNAKULAM	PUNNAPRA SOUTH
	KAINAKARI (KUPPAPURAM)
	PATHIYOOR
	KAYAMKULAM
	THAZHAKKARA
	MANNAR
	ERAMALLIKKARA
	PANDANAD
	VALLIKUNNAM
	THYCATTUSERY
	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

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
KASARAGOD	BELLUR
	VORKADI
	VALIYAPARAMBA
	KAYYUR-CHEEMENI
	KARADKA(MULLARIA())
	PULLUR PERIYA
	PANATHADY
	CHERUVATHUR
	WEST ELERİ
	BEDADUKKA
	DELAMPADY(ADOOR)
	PADANNA
	EAST ELERİ
	KINANOOR 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
KAREEPRA
KULAKKADA
PORUVAZHY
ALAYAMON
NEENDAKARA
OACHIRA
PANMANA
CHATHANNOOR
KUNDARA
PERAYAM
YEROOR
THENMALA
KADAKKAL
PERINADU
THEVALAKKARA
CHITHARA
EAST KALLADA
PIRAVANTHOOR
KULATHUPUZHA
KARAVALOOR
PAVITRESPARAM
THODIYOOR
KOTTAMKARA
THALAVOOR
VILAKKUDY
PARAVOOR
MYLAM
KULASEKHARAPURAM
PUNALUR MUNCIPALITY
CLAPPANA
PATTAZHI

KOTTAYAM	PANAYAM
	ADICHANALLOOR
	NEDUMPANA
	NEDUVATHOOR
	THRIKKOVILVATTOM
	ELIKKULAM
	MARANGATTUPILLY
	MOONNILAVU
	NEDUNKUNNAM
	TEEKOY
	VELLAVOOR
	KOZHVANAL
	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

KOZHIKODE	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
	BALUSERY
	KEEZHARIYUR
	NOCHAD
	THALAKULATHUR
	NANMANDA
	CHEMANCHERY
	MARUTHOMKARA
	NARIPATTA
	VANIMEL
	CHAKKITTAPARA
	MANIYOR
	AZHIYOOR
	CHEKKIYAD
	THUNERY
	MEPPAYUR

THIRUVANANTHAPURAM	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
	KODENCHEERY
	THAMARASSERY
	THIRUVAMBADY
	MUKKAM
	KURUVATOOR
	AMBOORI
	UZHAMILAKKAL
	OTTASEKARAMANGALAM
	OTTOOR
	KALLIKKAD
	KATTAKKADA
	KUTTICHAL
	MARANALLOOR
	VELLANAD

THIRUPURAM
VILAPPIL
KANJIRAMKULAM
ARYANCODE
POOVAR
MUDAKKAL
POOVACHAL
VAKKOM
POTHENCODE
CHERUNNIYOOR
PALICKAL
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

THRISSUR	VENGANOOR
	KADINAMKULAM
	VARKALA
	KULATHOOR
	ANCHUTHENGU
	NANNIYODE
	VITHURA
	KALLIYOOR
	NEDUMANGAD
	KOTTUKAL
	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
	VELOOKKARA
WAYANAD	THONDARNAD
	PULPALLY
	VELLAMUNDA
	PANAMARAM
	THAVINJAL
	EDAVAKA
	THIRUNELLY
MALAPPURAM	ALANCODE
	ALIPARAMBU
	AMARAMBALAM
	ANGADIPURAM
	AR NAGAR

AREACODE
ATHAVANAD
CHALIYAR
CHEEKODE
CHELEM BRA
CHERIYAMUNDAM
CHERUKAVU
CHOKKAD
CHUERUKAVU
CHUNGATHARA
EDA KKARA
EDAPATTA
EDAPPAL
EDARIKODE
EDAVANNA
EDAYOOR
ELAMKULAM
IRUMBILUM
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
MOOTHEDAM

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
THENHIPPALAM
THENNALA
THIRUNAVAYA
THIRUVALLY
THRIPRANGODE
THUVVUR
TIRURANGADI
TRIKKANAPURAM
URGATTIRI
VALANCHERY
VALAVANNUR
VALLIKKUNNU
VATTAMKULAM
VAZHAKKAD
VAZHIKADAVU

	VELIYANCODE
	VENGARA
	VETTATHUR
	VETTOM
	WANDOOR
PALAKKAD	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
	PUDUPPARIYARAM
	THENKURISSI
	ALANELLUR
	THACHAMPARA
	THACHANATTUKARA
	KANJIRAPUZHA
	THENKARA
	PUDHUR
	ANAKATTY
	PATTAMBI
	CHALISSERY
	THRITHALA

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

PATHANAMTHITTA	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
ERNAKULAM	PERINGARA
	THUMPAMON
	KOTTANAD
	PANDALAM THEKKEKARA
	THANNITHODU
	MEZHUVELI
	ADOOR
	ARANMULA
	KALLOOPPARA
	MYLAPRA
	NARANGANAM
	NIRANAM
	RANNI ANGADI
	SEETHATHODU
	THOTTAPPUZHASSERY
	CHERUKOLE
	EZHUMATTOOR
	KOIPURAM
	NEDUMPURAM

OMALLOOR
RANNI
AYROOR
KOTTANGAL
KADAMPANAD
KUTTOOR
PURAMATTOM
MALLAPPUZHASSERY
CHITTAR
KULANADA
MALLAPPALLY
ANICADU
KAVIYOOR
ERAVIPEROOR
VECHOOCHIRA
ARUVAPPULAM
ERATHU
RANNI PERUNADU
THIRUVALLA
VADASERIKARA
KADAPRA
KOZHENCHERRY
EZHAKKULAM
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
HARI PAD
KRISHNAPURAM
KUMARAPURAM
PALLIPPAD
THALAVADY
VEEYAPURAM
MAVELIKKRA
VENMONY
PALAMEL
CHUNAKKARA
BHARANIKAV
KURATHIKAD
CHENNITHALA
CHETTIKULANGARA
CHERIYANAD
ALA
CHENGANNUR
MULAKKUZHA
PULIYOOR
KADAMPUR

ERNAKULAM

BUDHANUR
MANNANCHERY
ALPPUZHA
MARARIKKULAM SOUTH
AMPBALAPPUZHA SOUTH
KAINAKARI (KUPPAPURAM)
KAYAMKULAM
THAMARAKKULAM
TAZHAKKARA
MANNAR
ERAMALLIKKARA
PANDANAD
THYCATTUSSERY
KODAMTHURUTH
KADAKKARAPPALLY
PERUMBALAM
VALLETHODE
PALLITHODE
AROOKKUTTY
THQH THURAVOOR
KANJIKUZHY
MARIRIKULAM NORTH
CHERTHALASOUTH
MUHAMMA
VAYALAR
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

IDUKKI	KOOVAPPADY
	PAIPRA
	KUNNATHUNAD
	AIKARANAD
	KADAMAKUDY
	KALADY
	BISONVALLY
	CHINNAKKANAL
	VATTAVADA
	AYYAPPANCOIL
	UDUBANCHOLA
	UPPUTHARA
	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
	MALAPPATTAM
KANNUR	UDAYAGIRI
	KADAMBUR
	VALIYAPARAMBA
	KAYYUR-CHEEMENI
	KARADKA(MULLARIA())
	PULLUR PERIYA
	PANATHADY
	CHERUVATHUR
	WEST ELERI
	BEDADUKKA
	DELAMPADY(ADOOR)
	PADANNA
	KINANOOR KARINDALAM
	KALLAR
	MADIKAI
	KUMBADAJE
	PUTHIGAE
KASARAGOD	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

KOTTAYAM

PUNALUR MUNICIPALITY
CLAPPANA
PATTAZHI
PANAYAM
ADICHANALLOOR
NEDUMPANA
THRIKKOVILVATTOM
PATTAZHI VADAKKEKKARA
SOORANADU SOUTH
KOTTARAKKARA
SOORANADU NORTH
VELINALLOOR
ELAMADU
VELIYAM
ANCHAL
PATHANAPURAM
SASTHAMCOTTA
EDAMULAKKAL
KALLUVATHUKKAL
MAYYANADU
MYNAGAPPALLY
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
VECHOOR
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

THIRUVANANTHAPURAM

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
UZHAMILAKKAL
OTTASEKARAMANGALAM
OTTOOR
KALLIKKAD
KATTAKKADA
KUTTICHAL
MARANALLOOR
VELLANAD
THIRUPURAM
VILAPPIL
KANJI RAMKULAM
ARYANCODE
POOVAR
POOVACHAL
VAKKOM

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
VENGANOOR
KADINAMKULAM
VARKALA
KULATHOOR
ANCHUTHENGU
NANNIYODE
VITHURA
NEDUMANGAD
KOLLAYIL
PERUMKADAVILA
KADAKKAVOOR

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

CHALIYAR
CHEACODE
CHELEMBRA
CHOKKAD
CHUNGATHARA
EDAKKARA
EDAPATTA
EDAPPAL
EDARICODE
EDAVANNA
EDAYUR
ELAMKULAM
IRIMBILYAM
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

PALAKKAD

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

KANNUR

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

PATHANAMTHITTA

KUNHIMANGALAM
KUNNOTHUPARAMBA
KURUMATHUR
KUTTIATTOOR
MALAPPATTAM
MALUR
MATTOOL
MAYYIL
MOKERI
MUNDERI
NARATH
NEW MAHE
PADIYOOR
PANNIYANNUR
PAPPINISSERY
PARIYARAM
PATTIAM
PATTUVAM
PAYAM
PAYAVOOR
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

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

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

DISTRICT	NAME OF LSG
ALAPUZHA	PALLIPPAD
	THQH THURAVOOR
	THAKAZHI
	ARATTUPUZHA
	KARTHIKAPPALLY
	THRIKKUNNAPUZHA
	MUTHUKULAM
	KAYAMKULAM
	PATHIYOOOR
	KRISHNAPURAM
	CHINGOLI
	KUMARAPURAM
	CHERUTHANA
	KANDALLOOR
	CHEPPAD
	DEVIKULANGARA
	VEEYAPURAM
	KARUVATTA
	HARI PAD
	THALAVADY
	EDATHUA
	KODAMTHURUTH
	AROOKKUTTY

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

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

PATHANAMTHITTA

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

