

Utilisation of Fifteenth Finance Commission's Health Grants: A Kerala Story

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Abstract

This paper evaluates the strengths, weaknesses, opportunities, and challenges involved in the management and utilisation of health grants in Kerala, a state renowned for its decentralised healthcare system, with the support of empirical evidence from all the urban and rural local governments in the state. It critically explores the factors that led to poor utilisation of health grants through the lens of politicisation, personalisation, corruption, post-office syndrome, capability traps, poor self-esteem, over emphasis on legalistic framework and rule-bound approaches, and relative absence of thick and thin accountability. While the 15th Union Finance Commission took inspiration from the Kerala model of decentralised healthcare to involve the rural and urban local governments in the health sector and extend additional resources to strengthen the primary health system at the grassroots level with the introduction of health grants, the shocking underutilisation of health grants in the model state is a disappointing one.

Keywords: Health Grants, Kerala, Fifteenth Finance Commission, Decentralisation, Politicisation, Post-Office Syndrome, Capability Traps

Publication Date: 06 February 2024

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1. Introduction

Health grants to local governments was introduced by the 15th Union Finance Commission (UFC) in the midst of the Covid 19 pandemic in India. The pandemic led to the collapse of India's public healthcare system, which is one of the most underfunded and understaffed in the world (Wallen, 2020).

Prior to the pandemic, India's public expenditure on healthcare was the lowest among the BRICS nations. For instance, between 2015-16 and 2016-17, India used to spend just 1.3% of its GDP on healthcare, while South Africa spent 8.8%, Brazil around 8.3%, Russia 7.1%, and China 6.6% (The Economic Times, January 29, 2017 and Fang, 2020)¹. This prompted the 15th UFC to allocate health grants of Rs. 70,051 crores for five years (from 2021-22 to 2025-26) to strengthen the public healthcare system at the grassroots level (See Table 1). The health grants to local governments recommended by the 15th UFC lay emphasis on the trust-based approach to local governments and decentralisation of health services provision.²

The health grants released in FY21-22 amount to Rs. 13,192 crores, which includes Rs. 8,273 crores for rural and Rs. 4,919 crores for urban local governments. The same amount is earmarked for FY22-23. The recommendations made by the 15th UFC reflect a scientific and thoughtful approach, rooted in the ground reality that primary healthcare infrastructure at the grassroots level crumbled in the wake of Covid-19, with poor facilities and shortage of funds. The 15th UFC has recommended 'health grants' for five major areas as shown in Table 1.

One of the major reasons for recommending the health grants was the reality that many of the primary healthcare institutions are understaffed and underfunded and need to be financially empowered. The possibility of "mission creep" undoing the effectiveness of the grants to strengthen the primary health care sector was discussed in our 2022 article titled *Will Health Grants to Local Governments by the Fifteenth Finance Commission Eventually Become a Victim of Mission Creep Syndrome?*³ This paper follows on the previous article to expose the ground realities and facts concerning the utilisation of the health grants.

The present paper evaluates the strengths, weaknesses, and challenges involved in the management and utilisation of health grants in Kerala, a state renowned for its legacy of decentralisation in planning and decentralized healthcare system, with the support of empirical evidence from all the urban and rural local governments in the state.

Table 1: Sector-wise Break-up of Health Grants by 15th UFC (Rs. in Crores)

Total Health Grants	2021-22	2022-23	2023-24	2024-25	2025-26	Total
1.Support for diagnostic infrastructure at primary healthcare facilities*	3478**	3478	3653	3835	4028	18472
- Sub Centres (SCs)	1457	1457	1530	1607	1687	7738
- Primary Health Centres (PHCs)	1627	1627	1708	1793	1884	8639
- Urban PHCs	394	394	415	435	457	2095
2. Block Level Public Health Units (BHUs)	994	994	1044	1096	1151	5279
3. Urban Health and Wellness Centers (HWCs)	4525	4525	4751	4989	5238	24028
4. Building-less SCs, PHCs, CHCs	1350	1350	1417	1488	1562	7167
5. Conversion of Rural PHCs into HWCs	2845	2845	2986	3136	3293	15105
Total Health Grants	13192	13192	13851	14544	15272	70051

*Under the component “support for diagnostic infrastructure to the primary healthcare facilities”, there are three sub components: SCs, PHCs and Urban PHCs.

** Please note that the Rs. 3478 Crores is the sum total of (SCs -1457, PHCs -1627, Urban PHCs -394).

Source: Report of the 15th UFC.

The first part of the paper looks into the total health grants allocated to Kerala and discusses the distribution and utilisation of these grants to the rural and urban local governments including 87 Municipalities, six Corporations, 152 Block Panchayats (of which only 75 Block Panchayats have been assessed in this paper, as only these received their health grants so far) and 941 Gram Panchayats.

The second part of the paper offers a detailed discussion on the rate of utilisation of the health grants in the selected tiers of the local governments at the rural and urban regions, with special emphasis on the best- and worst-performing entities. It is followed by a discussion of the reasons behind the decentralisation paradox in Kerala, and the policy decisions to be drawn from the evidence-based research in the state, as well as how it can be used to track the governance of health grants across states in India. The policy recommendations discussed in the paper are evidence driven, which have the potential to shape the approach of the Sixteenth UFC towards local governments and state governments, and similarly in the approach of the governments towards finance commissions in general.

2. Methodology and Data Sources

The present paper exposes the bottlenecks that are preventing the effective utilisation of health grants among the local governments in Kerala, based on empirical data and findings from intensive field work which took place between September 2022 and August 2023. A 15-member research team did the intensive fieldwork and conducted interviews and focus group discussions (FGDs) with stakeholders across Corporations and Municipalities (urban local governments) and Gram Panchayats and Block Panchayats (rural local governments).

The research team covered all six Corporations in Kerala. Of the 87 Municipalities in Kerala, based on secondary data, the team further selected the five best-performing and five worst-performing ones in the utilisation of health grants for the intensive study. Similarly, of the 941 Gram Panchayats, the team collected secondary data on the utilisation of health grants, and from these five best-performing and five worst-performing Panchayats were selected. In the case of Block Panchayats, the health grants have so far been released to 75 of the 152 Block Panchayats. Again, five best-performing and five worst-performing Block Panchayats were selected.

The team visited all these selected 36 local governments (Six Corporations, 10 Municipalities, 10 Block Panchayats, and 10 Gram Panchayats) and conducted interviews and FGDs with the elected and selected functionaries, health workers, officials with the health institutions, health departments, and staff in other related departments. As part of the field study, the team also visited all the SCs and PHCs in the selected Gram Panchayats, CHCs in selected Block Panchayats, and HWCs in selected Municipalities and Corporations. The team also interacted with health workers and staff working in these rural and urban healthcare facilities while they were in the field, employing some elements of field observation methods.

After receiving constructive feedback and suggestions from anonymous reviewers on the first submitted version of this paper, we decided to adopt a more comprehensive framework to further investigate the reasons behind the poor performance of local governments in effectively utilizing the health grants. We conducted a second phase of field work, over three weeks, in the selected 36 local governments, where we organized focus group discussions (FGDs) with the staff, elected functionaries, and citizens of each local government, with the support of a well-prepared checklist, to identify the reasons that led to poor utilisation of health grants.

We identified common problems including (i) politicisation, (i) personalisation, (iii) corruption, (iv) post-office syndrome, (v) capability traps, (vi) poor self-esteem, (vii) greater emphasis on legalistic framework and rule-bound approaches, and (viii) relative absence of thick and thin accountability as part of our field visit and discussions with the staff, elected functionaries in the local governments and officials of health and PWD departments. These eight common identified problems (detailed discussion in Table 9) have resulted in specific problems (detailed discussion in Table 5, 6, 7 and 8) in the selected local governments in connection with implementation and utilisation of health grants.

2.1 Analytical Framework

This paper is conceived and developed with the support of a comprehensive literature review. The theoretical frameworks used in the paper are borrowed from some key papers, including “*Is India a Flailing State? Detours on the Four Lane Highway to Modernisation*” by Pritchett (2009), “*The Post Office Paradox: A Case Study of the Block-Level Education Bureaucracy*” by Aiyar and Bhattacharya (2016), “*Capability Traps? The Mechanisms of Persistent Implementation Failure*” by Pritchett et al., (2010), “*India’s Political Settlement and Development Path*” by Mehta and Walton (2012), “*Premature Load Bearing: Doing Too much Too Soon*” by Andrews et al. (2017), and “*Bureaucratic Norms and State Capacity: Implementing Primary Education in India’s Himalayan Region*” by Mangla (2014), as well as the book *Everything You Ever Wanted to Know About Bureaucracy but Were Too Afraid to Ask* by Raghunandan (2019).

The paper attempts to explore the reasons for the underutilisation of health grants in Kerala through the lens of absence of administrative modernism (politicisation, personalisation and corruption), post-office syndrome and capability traps (isomorphic mimicry, premature load bearing), more emphasis on legalistic and rule-bound approaches while ignoring local felt needs, poor self-esteem (cognitive maps), bureaucratic misconceptions on local governments, and thick and thin accountability frameworks.

3. Health Grants to Local Governments in Kerala

Kerala has used decentralisation as a tool to revamp its public healthcare system and delivery. As a result, health grants were considered a new impetus, to further strengthen its robust healthcare infrastructure at the grassroots level. Gram Panchayats and healthcare institutions at the grassroots level have been the biggest beneficiaries of the decentralisation experiment undertaken in Kerala under the banner of the 1996 People’s Plan Campaign (PPC).

As part of the PPC, around one-fourth of state plan outlay were transferred to local governments (Chathukulam and John, 2002, 2003; Jafar, 2014). It was accompanied by training local governments and granting them a certain amount of autonomy to formulate and implement expenditure plans, based on local needs and priorities. On the side lines of the PPC, the management of primary and secondary public health facilities in Kerala were transferred to local governments, with the objective of improving infrastructure and services offered. In a way, it helped local governments and health care facilities operating at the grassroots level to identify and respond to local health issues as quickly as possible.

As part of the move towards decentralisation, PHCs, SCs, and government dispensaries were transferred to Gram Panchayats, putting in place mechanisms for greater community involvement (Ramankutty and Vijayakumar, 2023). Block PHCs, CHCs, taluk hospitals, and government hospitals came under the purview of Block Panchayats. The District Panchayats were responsible for overseeing the management of state-sponsored and centrally-sponsored schemes (CSS) at the district level, including district hospitals. In urban areas, CHCs and taluk hospitals were transferred to

Municipalities and Corporations. While the state government maintains control over the total number of posts at sub-centres and PHCs, the Gram Panchayats were given authority to appoint temporary staff to fill any vacancies. An element of dual control can also be noticed here.

Staff working in local governments are treated as the staff of the state government, and the number of positions and transfers are determined at the state level. Elected functionaries (e.g. ward members) are entrusted with the Village Health Sanitation and Nutrition Committees (VHNCs). They work closely with National Health Mission (NHM), which consist of multipurpose frontline health workers like Accredited Social Health Activist (ASHA) and anganwadi workers. This structure has helped the government to engage more closely with the community, and made it easier to respond to local needs, catering to critical gaps like purchase of medicines and lab equipment and hiring of additional workforce, as well as to concentrate on disease prevention activities. All these factors have resulted in increased utilisation of PHCs and SCs at the grassroots level.

The staff structure in local governments (especially in urban local governments) have not been modernized yet. As Narayana (2022) in his paper titled *Size of Local Governments in a Rapidly Urbanising Kerala: Is it Sustainable?*⁴ argues that

“ the departments in Kerala have a high load of clerks, assistants, typists and drivers. The local governments have replicated this structure as there is hardly any difference between the functions carried out by the local governments and the departments as the bulk of spending of both is plan funds. The officers devolved from the line departments have not joined the local government structure. The significantly larger size of urban local governments in terms of employees for a population comparable to rural local governments in a rapidly urbanizing state raises sustainability questions. Since salaries have to be paid from own funds of the local governments which have not shown much growth, there is sign of a crisis brewing”.

The very nomenclature of the staff posts and structure in the local governments remains rigid and outdated till today.

Kerala's total allocation for the five years under the health grants is Rs. 2,968 crores. Of this, Rs.559 crores each are for FY21-22 and FY22 -23, and the remaining amount for the next three years (Table 2 and 3). The evidence and first-hand observations emerging from the experience of local governments in Kerala regarding the utilisation and management of the health grants reveal that it is moving at a snail's pace. The performance of local governments in Kerala with regards to the utilisation of the health grants appears disappointing.

Table 2: State Wise Distribution of Health Grants (Rs. in Crores)

State	2021-22	2022-23	2023-24	2024-25	2025-26	Total
Andhra Pradesh	490	490	514	540	567	2601
Arunachal Pradesh	49	49	51	54	56	259
Assam	280	280	293	308	323	1484
Bihar	1133	1133	1190	1249	1312	6017
Chhattisgarh	339	339	356	373	392	1799
Goa	31	31	33	35	37	167
Gujarat	629	629	661	694	728	3341
Haryana	305	305	320	335	352	1617
Himachal Pradesh	98	98	103	108	114	521
Jharkhand	446	446	469	492	517	2370
Karnataka	552	552	579	608	638	2929
Kerala	559	559	587	616	647	2968
Madhya Pradesh	923	923	969	1018	1069	4902
Maharashtra	1331	1331	1397	1467	1541	7067
Manipur	44	44	46	49	51	234
Meghalaya	59	59	61	64	68	311
Mizoram	31	31	33	35	36	166
Nagaland	57	57	60	63	66	303
Odisha	462	462	485	510	535	2454
Punjab	401	401	421	443	465	2131
Rajasthan	833	833	875	918	964	4423
Sikkim	21	21	22	23	24	111
Tamil Nadu	806	806	846	889	933	4280
Telangana	419	419	441	463	486	2228
Tripura	85	85	90	94	99	453
Uttar Pradesh	1830	1830	1921	2017	2118	9716
Uttarakhand	150	150	158	165	174	797
West Bengal	829	829	870	914	960	4402
All States	13192	13192	13851	14544	15272	70051

Source: Report of the 15th UFC

The 15th UFC in its report have pointed out that “Kerala has established itself as an example where local governments and the staff of public health institutions effectively deliver healthcare at the local level in a collaborative framework,” (Para 7.13, 15th UFC Report). It is further mentioned that “Taking a cue from the Kerala model, we considered this to be an opportune time to involve the third tier in the health sector and extend additional resources to it to strengthen the primary health system at the grassroot level,” (Para 7.139, 15th UFC Report). Kerala’s effective handling of the Covid 19

management during the first wave of the pandemic was made possible because of its robust healthcare system even at the grassroots level (Chathukulam and Tharamangalam, 2021; Ekbal, 2022).

Table 3: Allocation of Health Grants to Kerala in Five Major Areas (Rs. in Crores)

Components in Health Grants	2021-22	2022-23	2023-24	2024-25	2025-26	Total
1a. Support for diagnostic infrastructure to the primary healthcare facilities (SCs)	39.61	39.61	41.6	43.68	45.86	210.36
1b. Support for diagnostic infrastructure to the primary healthcare facilities (PHCs)	49.58	49.58	52.06	54.66	57.39	263.27
1c. Support for diagnostic infrastructure to primary healthcare facilities (UPHCs)	11.05	11.05	11.61	12.19	12.8	58.7
2. Block Level Public Health Units (BPHUs)	30.59	30.59	32.12	33.72	35.41	162.43
3. Grants for Urban Health and Wellness Centers (UHWCs)	322.22	322.22	338.34	355.25	373.01	1711.04
4. Grants for Building-less SCs, PHCs, CHCs	0.5	0.5	0.52	0.55	0.58	2.64
5. Conversion of Rural PHCs and SCs into Health and Wellness Centre (HWCs)	105.43	105.43	110.7	116.23	122.04	559.83
Total	558.98	558.98	586.95	616.28	647.09	2968.28

Source: Report of the 15th UFC.

Funds and grants allocated by the UFCs are transferred in two stages⁵: first from the union government to state governments, and then from the states to local governments. Of the Rs. 558.98 crores allocated to the local governments in Kerala, the union government released only Rs. 427.13 crores to the state government. The reasons as to why the union government did not fully release the first instalment are not clear, and the officials interviewed for this paper are not able to mention the reasons that might have led to this.

Out of the Rs 427.13 crore released to the state government in Kerala, it released Rs.323.11 crores to the local governments, and from this Rs. 33.95 crores were released to National Health Mission

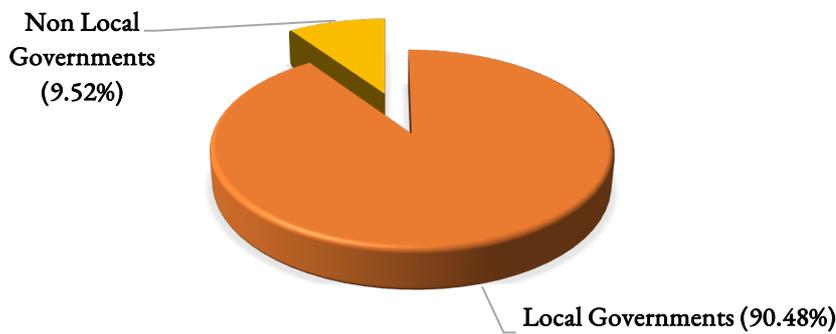
(NHM) and Kerala Medical Service Corporation (KMSC). From the Rs.323.11 crores allocated to the local governments as health grants, Rs.186.74 crores were given to Municipalities, Rs. 72.66 crores to Corporations, Rs. 44.32 crores to Gram Panchayats, and Rs. 19.13 crores to Block Panchayats.

Previous experiences show that local governments in Kerala have been a victim of Mission Creep Syndrome especially when it comes to the utilisation of grants allocated by the earlier UFCs⁶. While the local self-government department in Kerala has issued guidelines to local governments for the utilisation of grants in the health sector, our study has found out several barriers that are posing hurdles in the effective utilisation of health grants in the state.

4. Utilisation Rate of Health Grants among Rural and Urban Local Governments in Kerala

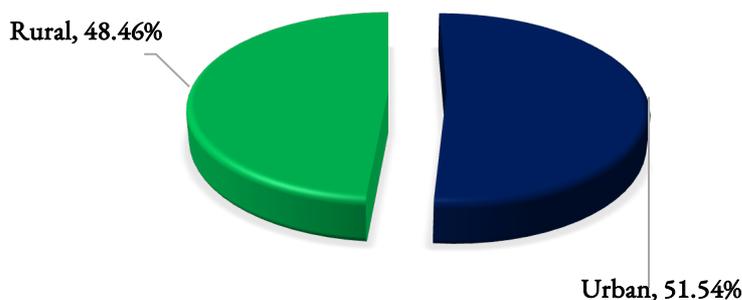
This section discusses the total amount released to the Gram Panchayats and Block Panchayats (rural local governments) and Corporations and Municipalities (urban local governments) and looks into the rate of utilisation of funds allocated to them. The local governments collectively received 90.48% of the allocated health grants from the state government (Figure 1 & 2 and Table 4).

Figure 1: State Government Allocation of Health Grants to Local and Non-local Governments



Source: Department of Local Self Government, Government of Kerala.

Figure 2: Share of Distribution of Health Grants among Urban and Rural Local Governments



Source: Department of Local Self Government, Government of Kerala.

Table 4: Released Amount and Expenditure Incurred under Health Grants to Local Governments in Kerala (Rs. in Lakhs)

Local Governments	Total Release	Total Expenditure
1. Gram Panchayats	4432.06	1286.00 (29.01%)
2. Block Panchayats (only released to 75 Block Panchayats)	1912.50	774.21 (40.48%)
3. Municipalities	18674.29	293.49 (1.57%)
4. Corporations	7265.75	18.78 (0.26%)

Source: Field Data

4.1 Gram Panchayats

The Union government approved the release of 15th UFC health sector grants for an amount of Rs.427.13 Crores for Kerala for the financial year 2021-22. Of this, Rs.44.32 crores was released to Gram Panchayats, and from this allocated amount only Rs. 12.86 crores got utilized. Out of the total 941 Gram Panchayats in Kerala, 323 of them have not utilized a single rupee from the allocated funds under health grants, while the remaining 618 of them have utilized some per cent of the allocated funds (ranging from 100% to 0.38 %.) (See Appendix 1).

The components for rural local governments for which health grants have been sanctioned includes:

A. Building-less SCs, PHCs and CHCs.

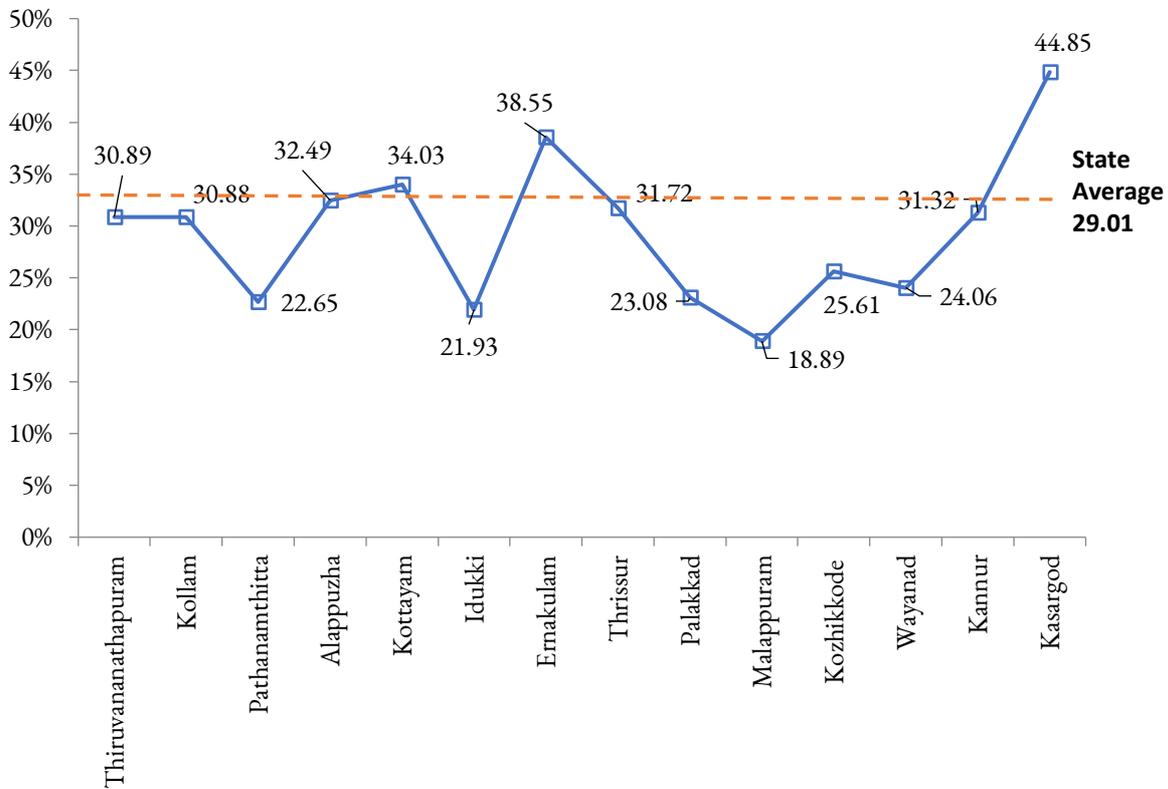
B. Conversion of rural PHCs and SCs to HWCs.

C. Support for diagnostic infrastructure to the primary healthcare facilities

D. Block Level Public Health Units (This is discussed in the section in block panchayats).

The state average in the utilisation of health grants among the Gram Panchayats stand at 29.01 per cent. Gram Panchayats in eight districts have spent above the total average (Figure 3 and 4), namely Kasargod, followed by Ernakulam, Kottayam, Alappuzha, Thrissur, Kannur, Thiruvanthapuram, and Kollam. Panchayats in the remaining six districts are below the state average. When it comes to average spending, no district has crossed 50%.

Figure 3: Percentage of Expenditure Incurred under Health Grants among the Gram Panchayats in 14 districts in Kerala

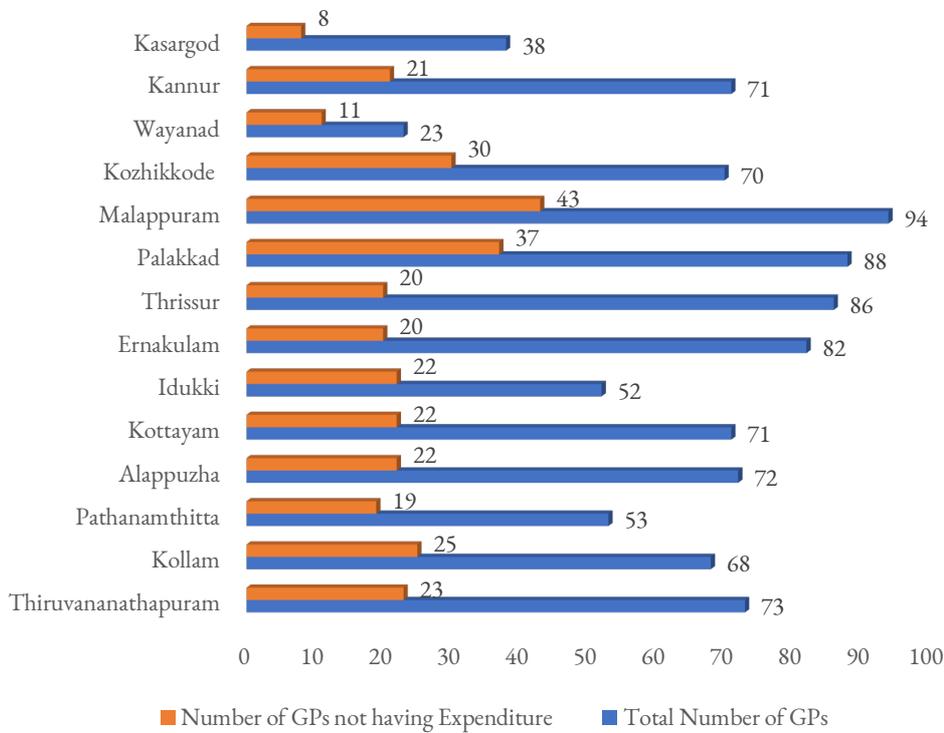


Source: Appendix 1

Moving on to Panchayat wise analysis, Kinanoor – Karinthalam, Valiyaparamba and Bedadka in Kasargod district, Pangode in Thiruvanthapuram district, Padanad in Alappuzha district, Teekoy in Kottayam district, Amballoor, Kadamakudy, Kuzhipally and Maneed in Ernakulam district, Engadayur and Tholur in Thrissur district are the Gram Panchayats that have utilized 100% of the health grants allocated to them.

As part of the study, we selected five best-performing and worst-performing Gram Panchayats in Kerala to understand the positive and negative factors influencing the utilisation of health grants in the state. Sound knowledge on health grants and familiarity with the guidelines associated with utilisation of health grants, along with empowered elected functionaries and staff in the Gram Panchayats, are the major reasons that helped the top performers to utilize the allocated funds under health grants effectively (See Table 5). Moreover, the selected five Gram Panchayats with good utilisation have low intensity of the complex web of issues described in the literature review (politicisation, personalisation, corruption, post - office syndrome, capability traps and poor self – esteem). They also maintain a balanced approach towards legalistic/ rule-bound frameworks and addressing local felt needs, and have some level of thick and thin accountability (Detailed Discussion in Table 5 and Table 9).

Figure 4: Number of Gram Panchayats not having Expenditure under Health Grants among the Total Gram Panchayats in Kerala



Source: Appendix 1

On the other side, poor knowledge on health grants among elected functionaries and staff, leadership and capability deficit, and lack of initiative and coordination with stakeholders and health department led to poor performance. In the case of poor performing Panchayats, there exists a high degree of complex web of issues (eight common identified problems). These common identified problems have resulted in specific problems, including the lack of coordination between the staff, elected functionaries and health officials, and poor knowledge on health grants (See Table 5). In this scenario, an inter-relation between eight common identified problems (discussed in Table 9) and specific problems (discussed in Table 5) can be seen.

Table 5: Selected Five Best Performing and Worst Performing Gram Panchayats in Utilizing Health Grants in Kerala (Rs. in Lakhs)

Name of the Gram Panchayat	Allocated Health Grants	Utilisation of Health Grants	Activities and Specific Reasons for Better/ Poor Utilisation	Common Reasons Observed with the Support of Theoretical Framework
1.Padanad	2.93	2.92 (100 %)	Bought laboratory equipment and medical instruments for the PHC functioning in the Panchayat premises. Purchased an almirah to store medical documents and medicines, one set of table and chair, and one laptop for the sub-centre in the Panchayat.	Issues of (i) Politicisation, (ii) Personalisation, (iii) Corruption, (iv) Post- Office Syndrome, (v) Capability Traps, (vi)Low Self-Esteem are found in <i>Low Intensity</i> with varying degrees. (vii) A balanced approach in adopting legal framework and in addressing local felt needs and (viii) there is some level of “thick and thin accountability.”
2.Teekoy	2.65	2.65 (100%)	Purchased lab equipment and machines for the PHC. Hospital beds and two sets of bed sheets were also purchased.	
3.Pangode	4.53	4.53 (100%)	Purchased instruments for medical laboratories at the PHC.	
4.Kadamakkudy	4.06	4.05 (100 %)	Bought medical instruments for the PHC lab. Though Biosafety Cabinet was purchased with the funds, it is yet to be installed.	
5.Tholur	3.23	3.22 (100 %)	Purchased medical lab equipment and instruments for PHC. Good coordination between elected functionaries, health department, and functional health standing committee are noticed.	
6.Aikkaranadu	4.94	0 (0 %)	Technical issues in purchasing medicines and equipment. Poor knowledge about health grants and operational guidelines.	Issues of (i) Politicisation, (ii) Personalisation, (iii) Corruption, (iv) Post- Office Syndrome, (v) Capability Traps, (vi) Poor Self-Esteem, (vii) More Emphasis on Legalistic and Rule – Bound Approaches by Ignoring Local Felt Needs and (viii) Absence of Thick and Thin Accountability are found in <i>High Intensity</i> with varying degrees.
7.Anad	5.49	0 (0 %)	Problem in getting the bills/receipts related to health grants from Treasury department. Some amount of confusion is seen among the functionaries.	
8.Agali	11.30	0 (0 %)	Apart from poor knowledge on health grants, the lack of coordination between elected functionaries and health officials is the biggest hurdle. The health standing committee is also ignorant about these grants and rarely convene the meetings.	
9.Kooropada	4.53	0 (0 %)	No proper awareness on health grants. For instance, they can use the money to improve the infrastructural facilities in the labs functioning in PHC. But they don't know they can use these grants for improving facilities in the lab and to buy necessary equipment.	
10.Chengala	4.88	0 (0 %)	While knowledge deficit on health grants is the major issue, the lack of coordination and absence of team spirit are the other major reasons for poor utilisation.	

Source: Interview and FGDs with Elected Functionaries, Staff, and Health Workers in the Selected 10 Gram Panchayats

4.2 Block Panchayats

Community Health Centres (CHCs) often serve as First Referral Unit, Block level Administrative Unit, and BPHU. In Kerala, CHCs and taluk hospitals are under the purview of Block Panchayats. It is envisaged that the Block level facility (variously referred to as CHCs/ SDHs/ BPHCs - the nomenclature may vary across states) would be strengthened to become a BPHU. Support is provided under the 15th UFCs health grants to strengthen BPHUs across all the blocks of 28 states. The BPHUs have three major components:

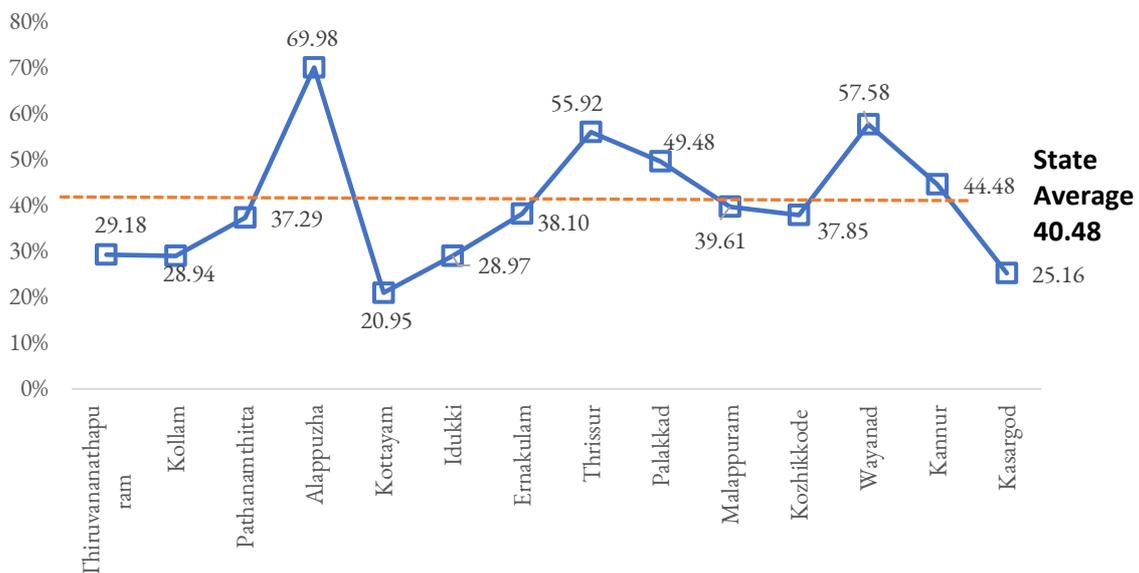
- i. Public Health Unit for providing public health functions such as surveillance and detection of outbreaks.
- ii. Block Public Health Lab for providing advanced diagnostics services for clinical and public health functions.
- iii. Hub for data compilation, analysis, and feedback, through a Health Management Information System (HMIS).

The BPHU will also serve as the referral unit for HWCs in the block.

4.2.1 Block Panchayats in Kerala and Utilisation of Health Grants

A sum of Rs.19.125 crores has been allocated to 75 Block Panchayats for starting new block-level public health units, and for setting up Block Public Health Labs. Among the selected Block Panchayats, 40.48% of the funds allocated under health grants have been utilized (Appendix 2). When compared with Gram Panchayats and other types of local governments, Block Panchayats fared better; however, the average utilisation rate is still below 50%. In five districts, the utilisation rate of allocated health grants among the Block Panchayats are way above the state average of 40.48% (See Figure 5).

Figure 5: Percentage of Expenditure of Health Grants among the Block Panchayats in 14 Districts in Kerala



Source: Appendix 2

Compared to Municipalities, Corporations, and Gram Panchayats, the Block Panchayats have made better use of health grants. Among the 75, five Block Panchayats have not utilized a single rupee from the allocated funds. Vellanganallur in Thrissur is the only Block Panchayat with 100% utilisation. The other top performers at the Block level are Haripad in Alappuzha with 99.15%, followed by Mala in Thrissur with 93.48% and Areekode in Malappuram district with 91.79% (Appendix 2).

In the guidelines issued by the 15th UFC, it has been made clear that states may prioritize the blocks in the aspirational districts, including Tribal districts and Left-Wing Extremism (LWE) affected districts while doing inter-se allocation of resources among districts. Wayanad is the only aspirational district in Kerala; the Block Panchayats in Wayanad have utilized 57.58% and Sultan Bathery (83.70 %) has the highest utilisation level in the district (Table 6). They have utilized a major share of health grants to strengthening the medical laboratory at their CHC and secondary-level palliative care services and facilities.

Table 6: Selected Five Best Performing and Worst Performing Block Panchayats in Kerala in Utilizing Health Grants (Rs. in Lakhs)

Name of the Block Panchayat	Allocated Health Grants	Utilisation of Health Grants	Activities and Specific Reasons for Better/ Poor Utilisation	Common Reasons Observed with the support of Theoretical Framework
1.Vellangallur	2.55	2.55 (100.00%)	Have utilized a major share of health grants to strengthening the medical laboratory at their CHC and secondary-level palliative care services and facilities.	Issues of (i) Politicisation (ii) Personalisation, (iii) Corruption, (iv) Post- Office Syndrome, (v) Capability Traps, (vi), Poor Self- Esteem are found in <i>Low Intensity</i> with varying degrees. (vii) A balanced approach in adopting legal framework and addressing local felt needs and (viii) some level of “thick and thin accountability.”
2.Mala	2.55	2.38 (93.48%)	Used it for renovating the lab at the CHC. Also purchased (i) Heamatology Analyzer (ii) HbA1CA Analyzer (iii) Thyroid Machine (iv) Binocular Microscope (v) VC Cooler and (vi) Steel cupboard.	
3.Areekode	2.55	2.34 (91.79%)	Have purchased all tools and equipment needed in a medical laboratory and strengthened the lab facilities in the CHC. Also purchased computer and printer for the lab.	
4.Sulthan Bathery	2.55	2.19 (85.70%)	There are three implementing officers (Medical Officer, Secretary, and Assistant Engineer) who are entrusted with implementing the health grants. Have utilized a major share of health grants to strengthen the medical laboratory at the CHC and secondary-level palliative care services and facilities. The lab is fully operational.	
5.Ambalappuzha	2.55	2.19 (86.03 %)	Better awareness and understanding of the health grants and its purposes. Used the funds from health grants to strengthen the secondary palliative care unit working at the block level. Used to strengthen lab facilities including clinical services in Biochemistry (biochemical analyser), Immunochemistry, Pathology, Haematology and Serology. Leadership at the block level and the cooperation of the staff and other elected functionaries resulted in effective utilisation of the grants.	

6.Sasthamcotta	2.55	0 (0 %)	Apart from technical difficulties, weak coordination between elected functionaries and health staff also led to poor utilisation.	Issues of (i) Politicisation(ii) Personalisation, (iii) Corruption, (iv)Post- Office Syndrome, (v)Capability Traps, (vi) Poor Self-Esteem, (vii) More Emphasis on Legalistic and Rule – Bound Approaches by Ignoring Local Felt Needs and (viii) Absence of Thick and Thin Accountability are found in <i>High Intensity</i> with varying degrees.
7.Panur	2.55	0 (0 %)	Lab maintenance is delayed due to poor support of engineering wing. Before purchasing the equipment, the space needs to be increased to store the items safely.	
8.Kalikavu	2.55	0 (0 %)	The lack of coordination between functionaries and staff in the health institution /department is the major reason. The knowledge on health grants is also poor.	
9.Azhutha	2.55	0 (0 %)	Poor awareness on health grants and lackadaisical attitude. Only once did health standing committee discuss about health grants. None of the elected functionaries or staff attended the meeting convened by hospital management committee (HMC). Though a decision was made to purchase BP Monitor Machine, the preference was given to civil work (renovation).	
10.Manjewswaram	2.55	0.37 (1.47%)	When the health grants were released, the post of medical officer was lying vacant and in the absence of the concerned officer, the responsibility was given to Assistant Engineer. It all resulted in inordinate delay in purchasing laboratory equipment as there is no clarity and awareness on health grants.	

Source: Interview and FGDs with Elected Functionaries, Staff, and Health Workers in the Selected 10 Block Panchayats

The reasons for good performance among the selected Block Panchayats are due to multiple factors. While sound knowledge on health grants and familiarity with technical and operational guidelines are the major factors, capable nodal officers and elected functionaries also play an equivalent role. Good coordination and cooperation shared between the elected functionaries, staff and health workers is another factor.

For instance, in the case of Sulthan Bathery block, there are three implementing officers (Medical Officer, Secretary, and Assistant Engineer) who are entrusted with the charge of implementing the health grants and due to the rapport shared between them, they were able to effectively make use of the grants. On the other hand, poor knowledge on health grants, delay in appointing the concerned officers (in the case of Manjeshwaram block, the delay in the appointment of a medical officer, led to an Assistant Engineer being in charge of overseeing the implementation of health grants and it resulted in inordinate delay), and lack of professionalism are the major bottlenecks resulting in poor utilisation of health grants.

The selected five Block Panchayats with good utilisation have “low intensity” of complex web of issues. They have a balanced approach in adopting legal framework and addressing local felt needs and have some level of thick and thin accountability (detailed discussion given in Table 6 and Table 9). Leadership is more effective and capable of addressing issues.

In the case of poor performing Blocks Panchayats there exists a high intensity of complex web of issues. These common identified problems have resulted in specific problems including the lack of coordination between the staff, elected functionaries and delay in the appointment of staff. In this context, an inter-relation between eight common problems (discussed in Table 9) and specific problems (discussed in Table 6) can be seen.

Compared to urban local governments, the rural local governments in Kerala have relatively easier tasks and responsibilities to undertake and perform, which has helped Gram Panchayats as well as Block Panchayats in delivering not-so-poor performance. However, considering Kerala’s rich legacy in decentralisation, the performance of Gram Panchayats as well as Block Panchayats need more critical introspection.

4.3 Municipalities

There are two components under health grants to urban local governments and they are (a) Support for diagnostic infrastructure to the primary healthcare facilities and (b) Urban Health and Wellness Centres (HWCs). Under the first component, Rs. 63.25 crores were released in July 2022 and Rs. 45.68 crores in September 2022. Thus, a total of Rs. 108.93 crores was given to Municipalities under this component.

For the second component, a total of Rs. 77.81 crores was given to the Municipalities in April 2023. The amount allocated under these two components is thus Rs. 186.74 crores, out of which

only Rs. 2.935 crores (1.57%) have been utilized so far (Appendix 3). Among the Municipalities, 59 of them (67.81 %) have not utilized a single rupee.

Muvattupuzha Municipality in Ernakulam district and Thanur Municipality in Malappuram district have the highest utilisation rates in the state (Appendix 3 and Table 7). Muvattupuzha Municipality utilized 26.21%, followed by the Municipalities of Thanur, Chalakkudy, Ankamali, and Ettumanoor. All these five top-performing Municipalities are way above the state average of 1.57 per cent (Figure 6).

The elected functionaries, health workers, and staff working at other departments in these five top Municipalities have some amount of knowledge and understanding about the health grants and the relevant operational guidelines. Leadership quality, cooperation, and team spirit between the Municipality and other stakeholders are the other major factors that helped these Municipalities to utilize their health grants to some extent when compared with their counterparts (Table 7). The selected five Municipalities with good utilisation have low intensity of the complex web of issues. They have a balanced approach in adopting legal framework and addressing local felt needs, and some level of thick and thin accountability (detailed discussion given in Table 7 and Table 9).

In the case of poor-performing Municipalities, there exists a high intensity of the complex web of issues. These common identified problems have resulted in specific problems, including the delay in finding suitable locations and buildings to house HWCs. Lack of coordination between the staff, elected functionaries, health officials, and PWD officials are found. Here, an inter-relation between the eight common problems (discussed in Table 9) and specific problems (discussed in Table 7) can be seen. *None* of the Municipalities in Kollam, Idukki and Kannur districts have utilized a single rupee from the health grants allocated to them in both financial years (See Figure 7).

Table 7: Selected Five Best and Worst Performing Municipalities in Utilizing Health Grants in Kerala (Rs. in Lakhs)

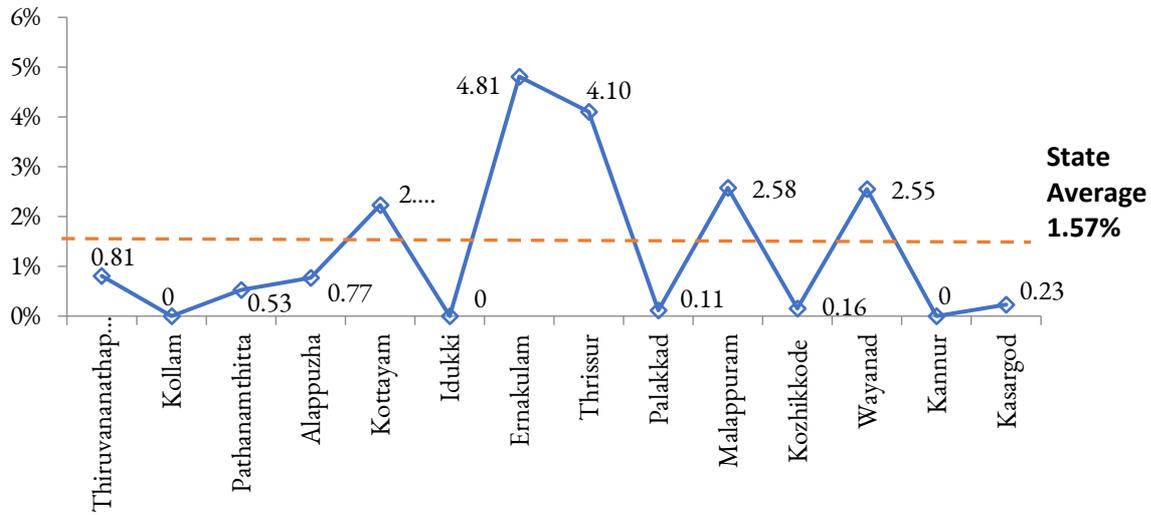
Name of the Municipality	Allocated Health Grants	Utilisation of Health Grants	Activities and Specific Reasons for Better/ Poor Utilisation	Common Reasons Observed with the support of Theoretical Framework
1.Muvattupuzha	153.05	40.12 (26.21 %)	Unlike other Municipalities, the authorities did not have to spend much time to find buildings and suitable locations. The authorities found a good workspace in an old hospital building in the area and converted it into the HWC. This building belongs to the Municipality, so they did not have to go through many procedural delays, only spending some time and amount in renovating the old building. The elected functionaries and staff have good awareness regarding health grants. Recruited new health staff, purchased medical equipment (including syringes, BP apparatus and masks). Placed orders to purchase medicines from KMSC. The HWC is now operational.	Issues of (i) Politicisation, (ii) Personalisation, (iii) Corruption, (iv) Post- Office Syndrome, (v) Capability Traps, (vi) Poor Self- Esteem are found in <i>Low Intensity</i> with varying degrees. (vii) A balanced approach in adopting legal framework and addressing local felt needs. There is (viii) some level of “thick and thin accountability.”
2.Thanur	164.83	31.04 (18.83%)	Plans to establish three HWCs. Two HWCs are fully operational and functioning in rented buildings; the third is going to be in a building owned by the Municipality. At present, maintenance work is going on at this site. Did not face any delays in getting the rent rates approved by the PWD department. The authorities said the officials and staff at the other departments were cordial and cooperative. Staff appointments have been completed in the two operational HWCs. On an average, 130-140 people come to the HWCs daily. Lab facilities will also be made available in the HWCs. Relatively good awareness on health grants at all levels, and strong leadership in the urban local governance are seen.	

3.Chalakkudy	221.94	31.64 (14.26%)	There are three functional HWCs, of which two are in rented buildings. Received public support for starting the HWCs – some people even donated computers, fridge, furniture etc. While staff appointments have been made, most of them are fresh MBBS candidates, hence there is a risk that they might leave to pursue higher studies. The authorities suggested that retired doctors and nurses should be allowed to work in HWCs. On an average, 70 to 75 people visit the HWCs daily. Some degree of awareness on health grants and leadership also play a crucial role.
4.Ankamali	168.05	23.76 (14.14%)	Awareness among the elected functionaries and staff on health grants. Projects to be implemented under health grants are discussed in Municipal Council meetings, and separate meetings are conducted in this regard. Staff appointments are completed. Purchased medical equipment. Placed orders to purchase medicines from KMSC. While, the HWC is all set to be operational, the delay in inaugurating the facility is posing some hurdles.
5.Ettumanoor	110.94	12.94 (11.66 %)	Plans to establish two HWCs. Took some amount of time in location scouting, especially to find affordable buildings for rent in suitable locations. One HWC will soon become operational. Though the first set of interviews to appoint doctors and nurses were held, the rules related to reservation quota created hurdles in their appointments, and they are forced to do a second round of recruitment process. The municipal authorities have to approach a professional agency to recruit doctors and nurses. At present, they have appointed one nurse and one pharmacist.

6.Kottarakara	315.44	0 (0 %)	Not able to find good buildings to start two HWCs. The major issue is in the process to get approval from the PWD department when it comes to fixing rent rates.	Issues of (i) Politicisation, (ii) Personalisation, (iii) Corruption, (iv) Post- Office Syndrome, (v) Capability Traps, (vi) Poor Self - Esteem, (vii) More
7.Thodupuzha	214.89	0 (0 %)	Poor awareness on health grants in general. In the absence of own buildings, there is a great deal of difficulty in getting buildings to rent. Rent fixation and sanctioning from PWD department also taking considerable amount of time and resulting in delays. Absence of a responsible medical officer in charge is another issue. HMC meetings are not taking place.	Emphasis on Legalistic and Rule – Bound Approaches by Ignoring Local Felt Needs and (viii) Absence of Thick and Thin Accountability are found in a <i>High Intensity</i> with varying degrees.
8.Karunagapally	211.94	0 (0 %)	Plans to establish three HWCs. Since it does not have own buildings to function as HWCs, there was considerable delay in getting rent rates fixed and approved. The procedural delay in valuation and getting sanction from Superintendent Engineer. Tender for the remaining two buildings is announced. Poor coordination of Health Standing Committee is another reason for zero utilisation of the grants.	
9.Mavelikkara	210.44	0 (0 %)	Despite having two buildings to facilitate the functioning of HWCs, the lethargic attitude of the authorities as well as poor awareness regarding health grants in general are the major reasons for non-utilisation. Though the request for quotation for renovation of the existing two buildings have been issued, technical problems associated with it are causing further delay.	
10.Thiruvalla	327.22	0 (0 %)	Poor awareness on health grants in general is noticed. Rent-related issues causing delay in opening the HWCs. The authorities have issued tender for one building, and this is also delayed.	

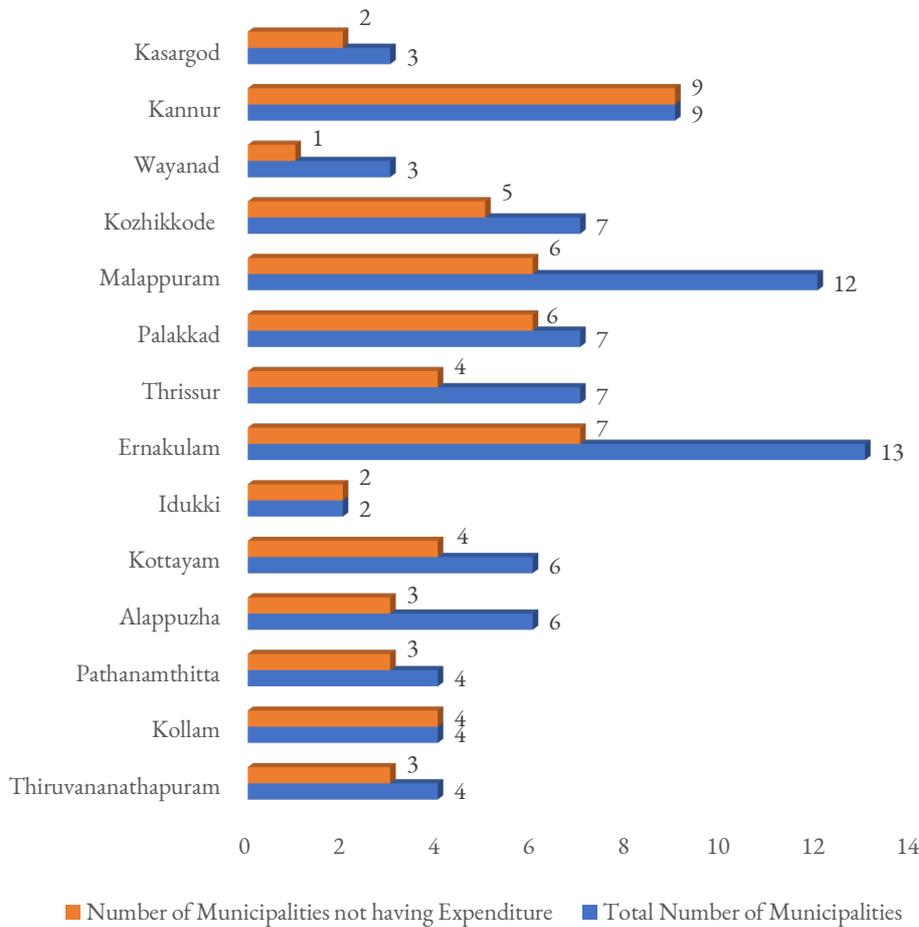
Source: Interview and FGDs with elected functionaries, staff, and health workers in the selected 10 Municipalities

Figure 6: Percentage of Expenditure Incurred under Health Grants among the Municipalities in 14 Districts in Kerala



Source: Appendix 3

Figure 7: The district wise number of Municipalities that utilized the allocated funds under Health Grants in Kerala



Source: Appendix 3

Moving on to district wise analysis, with 13 Municipalities, Ernakulam district has the highest number, yet overall utilisation of health grants among them stands at a mere 4.87%. The total utilisation rate among the Municipalities in Thrissur district stands at 4.10%. Though the Municipalities in Ernakulam and Thrissur are above the state average, the performance is less than 5%.

Capacity deficit and lack of professionalism are the major reasons for the poor utilisation of the health grants. Lack of training and poor awareness regarding the components of health grants and its relevance is another major problem that is preventing the proper utilisation of allocated funds. Poor awareness on health grants and lack of coordination between health, engineering, and other concerned sections in the Municipality, as well as its health standing committee, are major reasons which have been frequently cited as hurdles. “Despite a constitutional mandate for decentralised governance, policy implementation got derailed in the processes threading through laws, rules and administrative actions. It shows how habitual practices create hidden institutional rigidities that thwart policy moves despite good intentions and democratic legitimacy,” (Jacob and Jacob, 2021).

Absence of administrative modernism, in which governments and governance have been politicized, personalized, and corrupted, is a major factor that prevents Municipalities from utilizing these grants. The concerned staff in the worst-performing Municipalities have not familiarized themselves with the operational guidelines related to health grants. Urban governance, like urban health, is neglected territory – even in a state like Kerala, that is renowned for its decentralisation experiments in India and around the world.

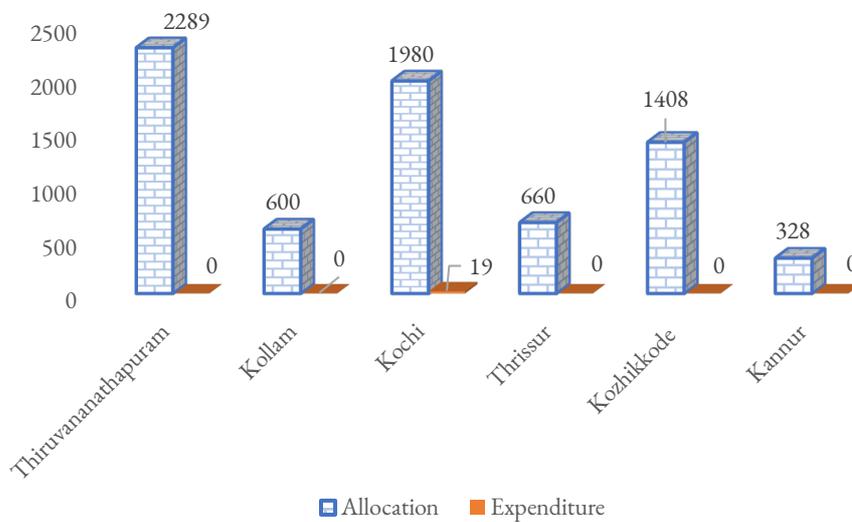
4.4 Corporations

There are a total of six corporations in Kerala, and Rs. 72.66 crores were allocated to them as part of health grants. Only a negligible percentage was utilized from the allocated amount. As part of the 15th UFC health grants, under the component, *diagnostic infrastructure to the Primary Healthcare facilities in urban PHCs*, the six corporations, received a total of Rs. 31.75 crores in FY21-22; in FY22-23, they received Rs. 24.42 crores. For the construction of HWCs, the six corporations received a total of Rs. 16.49 crores. Thus, a total of Rs. 72.66 crores have been allocated under the two components so far (Appendix 4).

Utilisation of these allocated funds is disappointing. Except Cochin Corporation, none of the other corporations have utilized even a single rupee under the health grants. Out of the total of Rs. 19.8 crores given to Cochin Corporation, Rs. 18.78 lakhs have been utilized – a mere 0.95% (Table 8 and Figure 8). Like Municipalities, Corporations also suffer from capacity deficit and lack of professionalism and transparency. Neither the elected functionaries nor the concerned staff working in these urban local governments are familiar with the concept of health grants, and have not even gone through technical and operational guidelines for the implementation of the 15th UFC health grants.

As in the case of Municipalities, Corporations in Kerala also suffer from deficits in professionalism, capability, and governance, and urban health is a poorly-understood concept. Poor awareness on health grants and implementation guidelines among the concerned stakeholders in Corporations is the major bottleneck. Lack of coordination between elected functionaries and staff, and between engineering wing (and PWD officials) and health officials are also hurting the implementation process. In all the Corporations, though the health standing committees are in operation, capacity deficit is major reason for performing below the expected capacity utilisation.

Figure 8: Allocation and Expenditure of Health Grant in Corporations (Rs. In Lakhs)



Source: Appendix 4

In the case of the six Corporations in Kerala, there exists a high intensity of the complex web of issues (common identified problems). These common identified problems have resulted in specific problems, including lack of coordination between elected functionaries and staff, and between engineering wing (and PWD officials) and health officials. Here, an inter-relation between the eight common identified problems (discussed in Table 9) and specific problems (discussed in Table 8) can be seen.

Table 8: Performance of Corporations in Kerala in Utilizing Health Grants (Rs. in Lakhs)

Name of the Corporation	Allocated Health Grants	Utilisation of Health Grants	Activities and Specific Reasons for Better/ Poor Utilisation	Common Reasons Observed with the support of Theoretical Framework
Thiruvanthapuram	2289	0 (0 %)	Difficulty in getting suitable buildings to start the functioning of HWCs. Rent norms proving to be the biggest hurdle. The Corporation needs to establish 44 HWCs. So far, the authorities have made attempts to establish only six of them. All six of them are under process. Location scouting and identifying appropriate buildings are causing the delay. No staff interview is done.	Issues of (i) Politicisation (ii) Personalisation, (iii) Corruption, (iv) Post- Office Syndrome, (v) Capability Traps, (vi) Poor Self- Esteem, (vii) More Emphasis on Legalistic and Rule – Bound Approaches by Ignoring Local Felt Needs and (viii) Absence of Thick and Thin Accountability are found in <i>High Intensity</i> with varying degrees. This is applicable to all the six Corporations in Kerala.
Kollam	600.17	0 (0 %)	Nine HWCs have to be established. So, five buildings in five wards have been identified and rent agreements have been executed. Delay occurred in finding suitable buildings on rent. Meanwhile, staff interviews have been completed. However, a few of the selected candidates later decided to drop off in search of better opportunities.	
Kochi	1979.95	18.78 (0.95%)	Plans to establish 33 HWCs. It has 11 own buildings where HWCs can be operational, and five rented buildings have also been identified. Though the HWCs are in operational mode, there was delay in getting the staff. As of now the staff interviews have been completed and the HWCs are likely to be opened for the public within two months.	
Thrissur	660.17	0(0 %)	Plans to establish nine HWCs - two in own buildings and the remaining in rented buildings. Own building maintenance is going on. In the case of rented buildings, rent fixation problem is causing delay. Staff interview is	

			done and furniture quotation is given. Engineers and Municipality staff meeting is done to solve the issue relating to rent rates.
Kozhikode	1408.06	0 (0 %)	Plans to establish 24 HWCs. So far only 10 buildings have been identified. Five HWCs are already in operational stage, but delay in staff appointment is the biggest bottleneck. Candidates who got selection to the post of doctor and nurses are not willing to join as they feel there are better opportunities elsewhere.
Kannur	328.39	0 (0 %)	Two HWCs need to be established. Buildings are identified, but staff shortage is the issue. Delay in getting buildings on rent is another reason for the delay. Poor awareness is noticed among workers and functionaries regarding health grants and its utilisation.

Source: Interview and FGDs with elected functionaries, staff and health workers in all the six Corporations

5. Technical and Operational Guidelines: Implementation of Fifteenth Finance Commission – Health Grants through Local Governments

This section discusses whether there was any rigidity in the guidelines issued by the Union Ministry of Health and Family Welfare (MoHFW), and looks into its role in the utilisation of health grants.

The MoHFW released the Technical and Operational Guidelines on August 2021. The Guidelines issued by the Ministry are clear, precise, and easy to understand. Any literate person can read and understand these guidelines without difficulty. The guidelines are structured into six chapters.

- The first chapter discusses the overarching principles for the use of the 15th UFC grants for planning and gap analysis as per the needs identified by the Health Department in consultation with the urban and rural local governments.
- The second chapter lays out guidelines for establishing Urban-HWCs.
- The third chapter provides a detailed description for the construction of building-less SCs, PHCs, and CHCs.
- The fourth chapter looks into the conversion of rural SCs and PHCs to HWCs.
- The fifth chapter focusses on the creation of BPHUs.
- The sixth chapter provides direction on support for diagnostic infrastructure to SCs, PHCs, and urban PHCs.

Each chapter provides the description of each of the specific components, objectives of the component, the unit cost applicable for the component, factors to be considered while planning, and the negative list for which the funds should not be utilized.

During the field visit, the team got several complaints from the elected functionaries and staff that they did not receive any training on how to utilize health grants, and demands for training in this regard. Most of them have not even seen the operational guidelines, and only a selected few admitted to having gone through the document outlining the procedures regarding implementing the grants. It is clear that these local governments need special support for capacity building and training (CB&T) from outside agencies. In the Kerala context, there are institutions like Kerala Institute of Local Administration (KILA), Institute of Management in Government (IMG), Universities (including Kerala University of Health Sciences Health University), Centre for Development Studies (CDS), Centre for Management Development (CMD), and other centres of research and training. They should immediately conduct interventions for training and orientation on health grants.

6. Discussion and Conclusion

Table 9: Details Regarding Problems Affecting the Effective Utilisation of Health Grants in Selected Local Governments in Kerala

Type of Problems Identified in Selected Local Governments in Kerala	Areas in which Identified Problems and its Manifestations Were Found in the Selected Local Governments in Kerala	Source of Theoretical Framework used to Identify the Problems
1. Politicisation	<p>1. Right from fund allocation to utilisation, there is often a political fight between Union and States. For instance, the Union government released Rs. 421.81 crore as health grants to local governments in FY22-23 financial year⁷ However, it has withheld Rs. 137.14 crore on the grounds that the Kerala government has not complied with the stipulated conditions and guidelines. Meanwhile, the state government has accused the Union for blocking the funds (Puthiyetti, 2023).</p> <p>2. Political tension between the state and local governments over delay in distribution of grants is also common. During the field visit, we were told that delays in disbursement of health grants have stopped them from purchasing medical equipment and diagnostic infrastructure. There is a high chance for spillover syndrome and fund lapse owing to delay in disbursement of funds and poor utilisation. Spillover refers to the process in which projects that needs to be completed within a particular financial year remains incomplete and its implementation is passed on to the next financial year/ takes place in the next financial year.</p> <p>3. Establishing HWCs in Municipalities and Corporations is an important component under health grants. For this purpose, local governments have to find suitable locations / buildings for the HWCs. Here, the Councillors are often in a competition to open HWCs in their own respective wards, to protect their political interests and to gain political mileage. The location of HWCs should be based</p>	<p>Politicisation shows the absence of ‘administrative modernism’ as put forward by Pritchett in his work <i>Is India a Flailing State? Detours on the Four Lane Highway to Modernisation</i>, (2009).</p>

on population density and presence of vulnerable and marginalized sections of people. However, in the race to get political mileage, these guidelines are mostly side lined.

4. If the HWC is proposed to operate in a rented building, then selecting the building and fixing rent rates become problems. The major issue is in the process to get approval from the PWD department in fixing rent rates. In many cases, some elements of politicisation are seen at this stage as well.

5. Appointment of contractual staff for the implementation of the health projects is another major area that is highly based on political influence and affiliations. Preference is given to candidates who have allegiance to the ruling Party.

6. Similarly, transfer of the staff is an area that is heavily politicized. We observed that staff who are overseeing health projects are transferred to faraway places on political grounds.

2. Personalisation

1. While appointing contract staff for implementation of projects, merit is secondary. The primary factor that matters is the personal connections and political background of the concerned candidate. If the prospective candidate is ready to toe the line of the elected functionaries from the ruling political party, their chance of securing the job is higher. Candidates coming with recommendations and having considerable personal influence likewise have higher chances. Local governments are a safe haven for making backdoor appointments, as candidates have considerable influence here.

2. An Urban-HWC is to be staffed with a Medical Officer, a Staff Nurse/Pharmacist, Male-MPWs and two support staff. Usually, Party officials at the local and district levels forward a list of candidates for these posts, who are party loyalists. This is a clear case of personalisation induced with political favouritism. It was noticed in the selected local governments.

Personalisation shows the absence of 'administrative modernism' by Pritchett in his work *Is India a Flailing State? Detours on the Four Lane Highway to Modernisation*, (2009)

3. Corruption

1. Local governments are not free from corruption and rent-seeking culture in Kerala. 154 officials in the Local Self-Government department have been booked in corruption cases since 2017 (Antony, 2023). In the context of health grants, right from fixing and sanctioning rent rates for HWC buildings, there is scope for corruption. Local government functionaries often have to grease the palms of officials from PWD to get the rent rates sanctioned without inordinate delay.

2. Similarly, in the case of purchasing medicines and diagnostic equipment for PHCs, CHCs, and HWCs, the scope for corruption is higher. Here, Kerala Medical Service Corporation Ltd (KMSCL) is appointed as the procurement agency for effecting procurement of medicine, medical equipment, diagnostics, and other consumables under health grants. In the past, the KMSCL has been accused of making irregular purchases and supplying date-expired medicines to hospitals by the Comptroller and Auditor General (Mohan, 2023). KMSCL's dubious practices have been reported in the case of procurement of medical equipment, diagnostics, medicines, and other consumables under health grants in some of the selected local governments.

Corruption shows the absence of 'administrative modernism' by Pritchett in his work *Is India a Flailing State? Detours on the Four Lane Highway to Modernisation*, (2009)

4. Post- Office Syndrome

1. While there is ample literature on Kerala model of decentralisation, devolution and empowerment of local governments, it is also an element of rhetoric (Chathukulam and John, 2003). Kerala does not have a "credible decentralisation" as is widely publicized. Be it the implementation of any scheme or programme, the local government will act on it only if they get orders from the top officials of the State.

2. Even in the case of health grants, majority of the staff and elected functionaries are not familiar with the technical and operational guidelines. The reason stated by them is that they did not receive any training on the guidelines. The attitude is that they will do something only if they are asked to, otherwise, they do not have to fulfil such task. It is disappointing to note that they express a need for guidance and training even to understand guidelines.

The phenomenon of 'post-office syndrome' is borrowed from *The Post Office Paradox: A Case Study of the Block Level Education Bureaucracy* by Aiyar and Bhattacharya, (2016)

3. The “actual and final decision-making authority” is vested with the state government in many matters relating to Local Governments. The local governments have neither full autonomy to take a decision on their own nor the capability to solve problems by themselves. The intervention of state government is very much involved in the affairs of the local governments.

4. Bureaucratic misconceptions on decentralisation and local governments also fosters “post-office syndrome”. Local Governments are viewed as “unpaid agents” to do what those at the top determine. (Raghunandan, 2019).

5. Bureaucratic perception of local governments is that “the local governments have virtually no elbow room to function as devolved entities that are able to exercise a modicum of control over their staff and organisational capacities” (Raghunandan, 2019)

Everything You Ever Wanted to Know About Bureaucracy But Were Afraid to Ask by Raghunandan, (2019).

5. Capability Traps 1. Misconceptions about Kerala model of decentralisation is the biggest capability trap for the local governments and its functionaries. While Kerala model of development and Kerala model of decentralisation have serious deficits, there is an increasing tendency to glorify these models as the “perfect example of development and empowerment”. The foundation of Kerala model of decentralisation lies within the Kerala model of development. The Kerala model of development is characterized by social and economic developments in a fragile economic system. The mass and class organisations affiliated to the Leftist parties in Kerala are often credited with the creation of Kerala model of development and the same Left laid the foundation for decentralisation experiments in the state through the PPC (Moolakkattu and Chathukulam, 2003). To address the deficits in Kerala

Capability Traps? The Mechanisms of Persistent Implementation Failure by Pritchett et al., (2010)

Premature Load Bearing: Doing too much too soon by Andrews et al., (2017)

model of development, especially the stagnation part, the Left Front government found a panacea in decentralisation. It is quite naive to argue (Isaac and Sreedharan, 1992) that the mass and class organisations that have come up in the state of Kerala following the leftist interventions could be used for enhancing production and addressing stagnation at the grassroots level. Thus, the imitation of Kerala model of development to address the stagnation at the local level via decentralisation without understanding ground reality backfired. An “isomorphic mimicry” of Kerala model of development is seen in Kerala model of decentralisation. There is a false sense of impression among the staff and elected functionaries that the local governments in Kerala are the best and they are capable and effective. It has led to “too much unrealistic expectations” on local governments and their functionaries. In some ways, this is akin to the idea of path dependence. The weight of the past modes of thinking centred around modelling development and the hype surrounding them seemed to have influenced the notions and dynamics of decentralisation in Kerala.

2. Premature load bearing is another major factor leading to capability trap in local governments in Kerala. It is clear that local government staff and elected functionaries are not efficient and capable enough; they also view themselves as disempowered entities. They are forced to perform tasks even before evaluating whether they are capable to perform it. It creates too much pressure on them, and leads to the collapse of even the small capability they have acquired. These processes when repeated leads to “capability traps. In other words, “...asking too much of too little too soon too often” (Andrews et al., 2017).

6. Low Self Esteem (Cognitive Maps)

1. Poor self-esteem among the staff in local governments is another major reason. They view themselves as employees with little or “no autonomy”, “less competence”, and “less relatedness”. The hierarchical structure is also designed in such a way that the staff in the local governments are inferior to those in the district and state level. The staff and elected functionaries of the selected local government view themselves as “*disempowered cogs in a hierarchical administrative culture that renders them powerless,*”(Aiyar and Bhattacharya, 2016)

The role of ‘Cognitive Maps’ have been highlighted by Mehta and Walton in *India’s Political Settlement and Development Path* (2012)

2. Service in the local government is not considered “prestigious enough” (Chathukulam and John, 2003). The senior political leaders in Kerala tend to shun local government elections, and it gives an impression that the positions are after all “not very coveted ones” (Chathukulam & John, 2003).
3. Generally, the local governments are viewed as “parking slots for lower-level government-officials,” (Raghunandan, 2019)

The Post Office Paradox: A Case Study of the Block Level Education Bureaucracy by Aiyar and Bhattacharya, (2016)

Measuring Decentralisation: The Case of Kerala (India) by Chathukulam and John, (2003).

Everything You Ever Wanted to Know About Bureaucracy but Were Afraid to Ask by Raghunandan, (2019).

7.Emphasis on Legalistic and Rule-Bound Approaches, Ignoring Local Felt Needs

1. In the case of health grants, the functionaries in local governments blame the rigidity of guidelines in the 15th UFC report and MoHFW as the reason for delay in utilisation of funds. This is a major issue when it comes to implementing projects at the local level. The local needs of the community are neglected, and the blame for failure is shifted to the “rigidity” in the guidelines. Thus, the focus is on “delaying the development” and not fulfilling the needs and aspirations of the community. We observed that generally, the staff is more vocal on legalistic and rule-bound approaches. However, there are few qualms in violating the very same rules for their own interests. For instances, if it was road grants instead of health grants, things would have been entirely different.

Bureaucratic Norms and State Capacity: Implementing Primary Education in India’s Himalayan Region by Mangla (2014)

The Post Office Paradox: A Case Study of the Block Level Education Bureaucracy

by Aiyar and Bhattacharya,
(2016).

<p>8. Thick and Thin Accountability</p>	<p>1. Local governments are failing at “thick accountability” involving “transaction - intensive service delivery” or “compliance with quality obligations”. Similarly, in matters of “thin accountability” (managing office files or archives, maintaining filing cabinets, etc.) also, local governments are not in a good space. During the field visits, it was observed that files related to project implementation, fund flow, and government orders related to health grants are not properly documented. This in turn is related to knowledge deficit.</p>	<p><i>Everything You Ever Wanted to Know About Bureaucracy But Were Afraid to Ask</i> by Raghunandan, (2019).</p>
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Source: Interview and FGDs with Elected Functionaries, Staff, and Health Workers in the Selected 36 Local Governments in Kerala.

The major inferences from our discussions and deliberations is that a “complex web” of issues consisting of eight common problems (See Table 9) and specific problems (See Table 5, 6, 7, 8) as the reasons for poor implementation and utilisation of health grants in Kerala. Local governments are entangled in a complex web of problems: politicisation, personalisation, corruption, post office syndrome, capability traps, poor self-esteem, greater emphasis on legal framework than on local felt needs, and absence of thick and thin accountability. Here, an inter-relation between eight common identified problems (discussed in Table 9) and specific problems (discussed in Table 5, 6, 7 and 8) can be seen.

During the discussions with the staff and elected functionaries, we got a detailed understanding of the depth of the politicisation, personalisation, and corruption involved in the fund allocation, fund utilisation, rent-fixing agreements, location for HWCs, appointment of contractual staff in the local governments, and transfer of the staff at the local governments – all of which are related to a lack of credible decentralisation and devolution.

The degree of intensity of the above identified problems varies both between and within tiers of local governments. For instance, in the selected 36 local governments, some of them were able to effectively use the health grants because the degree of intensity of the complex web of issues is found to be “low intensity”, and the leadership there is capable of addressing these issues. On the contrary, in local governments with poor utilisation, there is high intensity of above-mentioned complex web of issues. Similarly, there is ignorance of local felt needs, along with the poor thin and thick accountability, and the leadership is ineffective to some extent in addressing these problems.

Local government functionaries are willing to act on something only if they receive orders directly from the state government. Local governments and functionaries are hardly viewed as “independent actors” and are treated as “post offices” or as “agents of state governments”, in which they act and perform as per the demands made by the higher authorities. The influence of political parties and party hegemony has rendered local governments and its functionaries disempowered, and all these factors are preventing credible decentralisation.

The lack of motivation and support to the staff working at the local governments is a major reason for lack of confidence as well as disempowerment among those working in the local governments. They are viewed as “unpaid agents” and their roles in the office is likened to “post-offices”. The bureaucratic misconceptions about the local governments also play a greater role in instilling poor self-esteem among the staff in local governments on their roles and functions. They view themselves as employees with little or no autonomy and less relatedness, or – in other words – disempowered cogs.

Misconceptions about Kerala model of decentralisation is the biggest capability trap for the local governments and its functionaries. Lack of credible decentralisation and devolution exists in the context of local governments in Kerala, and this was evident during the discussion with the staff and elected functionaries in the selected 36 local governments.

While Kerala model of development and Kerala model of decentralisation are flawed, there is an increasing tendency to glorify these models as the perfect example of development and empowerment. This has created a false sense of impression that the local governments in Kerala are the best and they are capable and effective. It has led to too much unrealistic expectations on local governments.

In general, local governments in Kerala, have showcased poor performance in the utilisation of health grants in FY21-22 and FY22-23. They have not lived up to expectations. The PPC focused on empowering rural local governments, especially Gram Panchayats, and this in a way sidelined the urban governments and urban healthcare. However, even the most empowered Gram Panchayats (the first-hand beneficiaries of the decentralisation campaign under PPC) in Kerala have proved to be a dismal failure in terms of utilisation of health grants. If the local governments in Kerala are struggling, what would be the status of utilisation of health grants in other states in India, where local governments and its functionaries are not empowered as in the case of Kerala?

Meanwhile, when compared with other local governments, Block Panchayats have been able to utilize health grants to some extent, though it is still below 50%. Municipalities and Corporations in Kerala have almost totally failed in utilizing the health grants. The findings emerging from this empirical study shows that urban health and urban governance in general are neglected territories even in states like Kerala, which has carved a niche in the realm of decentralisation (Gangadharan and Sufaira, 2019).

The poor performance in the utilisation of health grants is a reality check on the capacity and efficiency of local governments in Kerala, and it raises questions on the decentralisation experiences that emerged from the 1996 PPC. Notwithstanding the constitutional requirement for decentralised governance, the implementation of policies has been impeded by procedural obstacles stemming from legislation, regulations, and administrative measures. This phenomenon illustrates how habitual practices engender covert institutional inflexibilities that impede policy initiatives, despite their laudable objectives and democratic mandate (Jacob and Jacob, 2021).

Is there a decentralisation paradox in Kerala? The local governments and their elected functionaries also suffer from a multitude of deficits in the realms of autonomy, knowledge, capacity, governance, and integration. One of the major reasons for the deficit in terms of utilisation and implementation of health grants is the absence of Pritchett's "administrative modernism" and autonomy deficit for governing locally (Jacob and Jacob, 2021). Apart from that, governments and governance suffer from capacity and integration deficit, as well as lack of professionalism.

Kerala, a state (in the context of India, states refer to administrative regions within the country) within a State (India) (Here the second state denotes India. In Political Science, State is defined as a sovereign entity., has effectively made use of the power of public action to improve the wellbeing of the people, and to transform its social, economic, political, and cultural conditions. In the context of Indian states, (Kerala) refers to administrative regions within the country (India).

Kerala like any other state is a distinct political and administrative entity within the larger framework of Indian union. The second State or India as a State denotes the concept of state as a sovereign entity. When it comes to human development indicators, Kerala has emerged as a leading state in India. The state has consistently secured the top position in the Sustainable Development Goals Index in India. In 2022 and 2023, Kerala emerged as the state with least poor population in the country, as per the Multi-Dimensional Poverty Index (MPI) by NITI Aayog (MPI, 2022 and 2023). Kerala has also emerged as the best overall performer in the NITI Aayog Health Index in the last four consecutive years, especially during the Covid pandemic (Chathukulam et al., 2023).

Meanwhile, local governments that were able to utilize the health grants to some extent have witnessed improvements in their healthcare facilities, including secondary-level palliative care institutions, and subsequent increase in footfalls in SCs, PHCs, CHCs, and HWCs. The 15th UFC in its report has pointed out that the Kerala model – in which local governments and the staff of public health institutions are able to effectively deliver healthcare at the local level in a collaborative framework – has inspired and motivated them to launch the health grants across India. If the role model “local governments” in Kerala itself fails to effectively utilize the health grants, then that would set a wrong precedent in the history of decentralisation experiments undertaken in India and across the globe.

The shocking underutilisation of health grants among the local governments in Kerala shows lack of credible decentralisation, excessive politicisation, personalisation, corruption, capability traps, post office syndrome, along with the absence of accountability. There is low level of professionalism among the staff and elected functionaries in local governments. The ineffectiveness of elected functionaries in office administration is evident to anyone who walks into their office. If one overhears the conversation between the staff and the elected functionaries, “misappropriation”, “audit objection” and “procedure lapse” are the riposte from the staff. Generally, no files are seen on their tables, and it gives an impression that very few files are moving towards elected functionaries (including Chairpersons).

The elected functionaries are often absent, and most of them are interested in maintaining their presence as political leaders, spending a great deal of time in attending public functions and party meetings. This leaves them little time to concentrate on office administration. The core administration is still a concealed area for elected functionaries. There is a high degree of amateurishness in local governments in Kerala (Chathukulam and John, 2003). In short, this type of a caricature of Kerala model of decentralisation is seen in the present-day local governments in the state.

Governments at all levels, particularly local governments should periodically conduct “performance statement of institutions, staff, and elected functionaries”⁸. While monitoring mechanisms at the district, state and national level alone cannot tackle these issues effectively, in the absence of monitoring mechanisms, the ground realities and bottlenecks involved in the utilisation of health grants would remain unobserved.

Established think-tanks and policy experts, including NITI Aayog, should seriously invest in some monitoring mechanisms to address the underutilisation of health grants across India, so that the successive UFCs can also propose some strong institutional mechanisms within the local governments to ensure these grants (not limited to health grants) are rightly channelized and reaches the concerned beneficiaries. The appointment of the 16th UFC is scheduled to take place this year, and it will also have the challenging task of navigating the prevailing strained fiscal environment of Indian federalism, as suggested by Rao (2023).

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Acknowledgement

We express our sincere thanks to the anonymous reviewers, Prof. John S Moolakkattu and the editorial team of Indian Public Policy Review for their valuable comments and suggestions in making this article an insightful work.

Appendix

Appendix No. 1: Allocation and Utilisation of Health Grants among Gram Panchayats (Rs.in Lakhs)

Sl. No	Name of the Gram Panchayats	Diagnostic Infrastructure to the PHCs					Conversion of Rural PHCs and SCs to Health and Wellness Centre					Total Allocation	Total Expenditure	%
		Amount Released on 17-09-2022	Amount Released on 05-07-2022	Amount Released on 06-09-2022	Amount Released on 27-08-2022	Amount Released on 27-08-2022	Amount Released on 05-07-2022	Amount Released on 27-08-2022	Amount Released on 06-09-2022	Amount Released on 17-09-2022				
Thiruvananthapuram District														
1	AMBOORI	0	2.56288	0	0	0.93303	2.10	0.00	0.00		5.60	3.81234	68.13%	
2	ANAD	1.04664	1.7143	0	0	0.93303	1.35	0.00	0.00	0.44903	5.49	0	0.00%	
3	ANCHUTHENGU	0.62798	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.26942	4.64	3.34094	71.97%	
4	ANDOORKONAM	0.83731	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.35922	5.47	3.61439	66.03%	
5	ARUVIKKARA	1.25597	1.99716	0	0	0.93303	1.55	0.00	0.00	0.53883	6.27	0	0.00%	
6	ARYANAD	1.46529	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.62864	7.44	0	0.00%	
7	ARYANCODE	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.62956	40.77%	
8	ATHIYANNOOR	2.09328	2.8286	0.28	0	0.93303	2.60	0.00	0.30	0.898	9.93	0.9911	9.98%	
9	AZHOOR	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0.75	16.56%	
10	BALARAMPURAM	1.25597	1.99716	0	0	0.93303	1.60	0.00	0.00	0.53883	6.32	5.94763	94.03%	
11	CHEMMARUTHI	0.20933	1.7143	0	0	0.93303	1.35	0.00	0.00	0.08981	4.30	2.70931	63.06%	
12	CHENKAL	0	1.7143	0	0	0.93303	1.30	0.00	0.00	0	3.95	2.64633	67.04%	
13	CHERUNNIYOOR	0.20933	1.7143	0	0	0.93303	1.35	0.00	0.00	0.08981	4.30	0	0.00%	
14	CHIRAYINKEEZH	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%	
15	EDAVA	0.20933	1.7143	0	0	0.93303	1.35	0.00	0.00	0.08981	4.30	2.50352	58.27%	
16	ELAKAMAN	0.20933	1.7143	0	0	0.93303	1.35	0.00	0.00	0.08981	4.30	0	0.00%	
17	KADAKKAVOOR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.49975	37.52%	
18	KADINAMKULAM	1.04664	1.7143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	6.07	0.76538	12.60%	

19	KALLARA	1.25597	1.69716	0.28	0	0.93303	1.55	0.00	0.30	0.53883	6.55	4.18614	63.86%
20	KALLIKADU	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	4.19384	92.58%
21	KALLIYOOR	1.46529	2.28002	0	0	0.93303	1.85	0.00	0.00	0.62864	7.16	3.19997	44.71%
22	KANJIRAMKULAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.95323	73.88%
23	KARAKULAM	1.25597	1.99716	0	0	0.93303	1.60	0.00	0.30	0.53883	6.62	0	0.00%
24	KARAVARAM	1.04664	1.7143	0	0	0.93303	1.30	0.00	0.00	0.44903	5.44	0.35923	6.60%
25	KARODE	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	3.98972	99.81%
26	KARUMKULAM	1.88395	2.54574	0.28	0	0.93303	2.35	0.00	0.00	0.80825	8.80	0	0.00%
27	KATTAKADA	0.41866	1.99716	0	0	0.93303	1.55	0.00	0.00	0.17961	5.08	0	0.00%
28	KILIMANOOR	0.83731	1.43144	0	0	0.93303	1.10	0.00	0.00	0.35922	4.66	4.65769	99.93%
29	KIZHUVILAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
30	KOLLAYIL	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.64733	66.23%
31	KOTTUKAL	0	3.1286	0	0	0.93303	2.60	0.00	0.00	0	6.66	1.71735	25.78%
32	KULATHOOR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
33	KUNNATHUKAL	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	3.3332	59.56%
34	KUTTICHAL	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
35	MADAVOOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
36	MALAYINKEEZHU	0	1.69716	0	0	0.93303	1.65	0.00	0.00	0.53883	4.82	1.41129	29.29%
37	MANAMBOOR	0	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0	4.28	0.6349	14.84%
38	MANGALAPURAM	1.04664	3.41146	0	0	0.93303	2.85	0.00	0.00	0.44903	8.69	0	0.00%
39	MANIKKAL	0	1.43144	0.28	0	0.93303	1.10	0.00	0.3	0	4.04	0.36032	8.91%
40	MARANALLOOR	1.04664	1.7143	0	0	0.93303	1.30	0.00	0.00	0.44903	5.44	1.18489	21.77%
41	MUDAKKAL	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.3308	58.31%
42	NAGAROOR	1.04664	1.43144	0.28	0	0.93303	1.10	0.00	0.30	0.44903	5.54	5.53982	99.99%
43	NANNIYODU	1.46529	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.62864	7.44	1.98272	26.66%
44	NAVAIKULAM	1.25597	1.99716	0	0	0.93303	1.60	0.00	0.00	0.53883	6.32	4.14677	65.56%
45	NELLANAD	0	1.13144	0	0	0.93303	1.10	0.00	0.00	0	3.16	1.62772	51.44%

46	OTTASEKHARAMAN GALAM	0	1.4143	0	0	0.93303	1.35	0.00	0.00	0	3.70	0	0.00%
47	OTTOOR	0.20933	1.14858	0	0	0.93303	0.80	0.00	0.00	0.08981	3.18	2.68176	84.31%
48	PALLICHAL	1.46529	2.28002	0	0	0.93303	1.85	0.00	0.00	0.62864	7.16	0	0.00%
49	PALLIKKAL	0	0.84858	0.28	0	0.93303	0.80	0.00	0.30	0	3.16	2.92639	92.56%
50	PANAVOOR	1.04664	1.7143	0	0	0.93303	1.35	0.00	0.00	0.44903	5.49	0	0.00%
51	PANGODE	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	4.53019	100.00%
52	PARASSALA	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	1.92312	37.98%
53	PAZHAYAKUNNUMMEL	1.04664	1.7143	0	0	0.93303	1.35	0.00	0.00	0.44903	5.49	3.38385	61.60%
54	PERINGAMALA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.5	62.54%
55	PERUMKADAVILA	0.62798	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.26942	5.17	1.73664	33.56%
56	POOVACHAL	0	2.56288	0.28	0	0.93303	2.10	0.00	0.30	0	6.18	0.13507	2.19%
57	POOVAR	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	2.67284	54.10%
58	POTHENCOD	0.83731	0.3	0	1.4	0.93303	0.00	1.50	0.00	0.35922	5.33	1.1152	20.92%
59	PULIMATH	1.04664	1.7143	0	0	0.93303	1.35	0.00	0.00	0.44903	5.49	3.04988	55.52%
60	PULLAMPARA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.17273	33.85%
61	THIRUPURAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
62	THOLICODE	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.3716	59.33%
63	UZHAMALAKKAL	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.78735	44.71%
64	VAKKOM	0	0.84858	0	0	0.93303	0.80	0.00	0.00	0	2.58	0.79296	30.72%
65	VAMANAPURAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.59694	39.95%
66	VELLANAD	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	0.4	6.06%
67	VELLARADA	2.09328	2.8286	0.28	0	0.93303	2.60	0.00	0.30	0.89806	9.93	0	0.00%
68	VEMBAYAM	1.67462	2.56288	0	0	0.93303	2.10	0.00	0.00	0.71845	7.99	0	0.00%
69	VENGANNOOR	1.67462	2.26288	0.28	0	0.93303	2.10	0.00	0.30	0.71845	8.27	0	0.00%
70	VETTOOR	0.20933	1.7143	0	0	0.93303	1.35	0.00	0.00	0.08981	4.30	2.44238	56.85%

71	VILAPPIL	1.46529	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.62864	7.44	0.19388	2.61%
72	VILAVOORKKAL	1.04664	1.7143	0	0	0.93303	1.35	0.00	0.00	0.44903	5.49	0	0.00%
73	VITHURA	0	1.98002	0	0	0.93303	1.85	0.00	0.00	0	4.76	0	0.00%
	Sub Total	41.02826	131.8726	5.32	1.4	68.11119	109.2	1.50	5.70	18.14	382.27	118.08	30.89%
Kollam District													
74	ADICHANALLOOR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	3.53453	69.81%
75	ALAPPADU	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0.57682	11.39%
76	ALAYAMON	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.9561	48.94%
77	ANCHAL	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	0	0.00%
78	ARYANCAVU	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.25802	36.31%
79	CHADAYAMANGALAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.5243	63.15%
80	CHATHANNOOR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
81	CHAVARA	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	3.19361	63.08%
82	CHIRAKKARA	0	1.43144	0	0	0.93303	1.05	0.00	0.00	0	3.41	1.65	48.32%
83	CHITHARA	0	2.84574	0	0	0.93303	2.35	0.00	0.00	0	6.13	1.5	24.47%
84	CLAPPANA				1.42	0.93303	0.00	1.5	0.00	0	3.85	3.01246	78.18%
85	EAST KALLADA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
86	EDAMULAKKAL	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
87	ELAMADU	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	3.10969	68.64%
88	ELAMPALLOOR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.54367	53.57%
89	EZHUKONE	0.41866	0.3	0	0	0.93303				0.17961	1.83	0	0.00%
90	ITTIVA	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.37	30.24%
91	KADAKKAL	0.83731	1.13144	0	0	0.93303	1.10	0.00	0.00	0.35922	4.36	0	0.00%
92	KALLUVATHUKKAL	0	1.69716	0	0	0.93303	1.60	0.00	0.00	0	4.23	0.87099	20.59%
93	KARAVLOOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.69337	48.88%
94	KAREEPPRA	0.83731	2.26288	0.28	0	0.93303	2.10	0.00	0.30	0.35922	7.07	0	0.00%
95	KOTTAMKARA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%

96	KULASHEKARAPURAM	0	3.69432	0	0	0.93303	3.15	0.00	0.00	0	7.78	4.21737	54.23%
97	KULAKKADA	1.25597	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.53883	7.14	2.90727	40.73%
98	KULATHOOPUZHA	2.3026	3.11146	0.28	0	0.93303	2.85	0.00	0.30	0.98786	10.76	8.41235	78.15%
99	KUMMIL	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.87218	99.67%
100	KUNDARA	0	0.84858	0	0	0.93303	0.80	0.00	0.00	0	2.58	0	0.00%
101	KUNNATHOOR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.54252	88.23%
102	MAYYANAD	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	0	0.00%
103	MELILA	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	1.55762	66.32%
104	MUNROTHURUTHU	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
105	MYLOM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.44872	12.95%
106	MYNAGAPPALLI	1.04664	3.67718	0.28	0	0.93303	3.35	0.00	0.30	0.44903	10.04	0	0.00%
107	NEDUMPANA	1.46529	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.62864	7.44	0	0.00%
108	NEDUVATHUR	1.25597	1.99716	0	0	0.93303	1.60	0.00	0.00	0.53883	6.32	0	0.00%
109	NEENDAKARA	0.41866	0.56572	0	0	0.93303	0.55	0.00	0.00	0.17961	2.65	0	0.00%
110	NILAMEL	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	0	0.00%
111	OACHIRA	0.83731	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.35922	5.47	3.03527	55.45%
112	PANAYAM	0	1.13144	0	0	0.93303	1.10	0.00	0.00	0	3.16	0	0.00%
113	PANMANA	1.88395	2.54574	0.28	0	0.93303	2.35	0.00	0.30	0.80825	9.10	0	0.00%
114	PATHANAPURAM	1.04664	3.1286	0.28	0	0.93303	2.60	0.00	0.30	0.44903	8.74	4.86239	55.65%
115	PATTAZHI		0.3		1.7	0.93303	0.00	1.80	0.00	0	4.73	0.36	7.61%
116	PATTAZHI VADAKKEKARA	0	2.84574	0	0	0.93303	2.35	0.00	0.00	0	6.13	0.6	9.79%
117	PAVITHRESWARAM	0	2.84574	0	0	0.93303	2.35	0.00	0.00	0	6.13	4.29307	70.05%
118	PERAYAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.40625	60.20%
119	PERINAD	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.56451	39.14%
120	PIRAVANTHOOR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
121	POOTHAKULAM	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	0	0.00%

122	POOYAPPALLY	0.83731	1.43144	0	0	0.93303	1.10	0.00	0.00	0.35922	4.66	4.21089	90.34%
123	PORUVAZHY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.58032	14.52%
124	SASTHAMCOTTAH	1.04664	0.28286	0	0	0.93303	0.30	0.00	0.00	0.44903	3.01	1.2782	42.44%
125	SOORANADU NOTRH	0.83731	2.54574	0.28	0	0.93303	2.40	0.00	0.30	0.35922	7.66	3.27815	42.82%
126	SOORANADU SOUTH	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.24852	31.23%
127	THALAVOOR	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	1.89551	33.87%
128	THAZHAVA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	3.33689	83.48%
129	THEKKUMBHAGOM	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	1.36689	27.66%
130	THENMALA	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
131	THEVALAKARA	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	0.62448	11.16%
132	THODIYOOR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
133	THRIKKARUVA	0	1.69716	0	0	0.93303	1.60	0.00	0.00	0	4.23	0	0.00%
134	THRIKKOVILVATTOM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.015	0.38%
135	UMMANNOOR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	2.03237	40.14%
136	VELINALLOOR	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0	6.07	3.10095	51.12%
137	VELIYAM	1.25597	1.99716	0	0	0.93303	1.60	0.00	0.00	0.53883	6.32	5.22027	82.53%
138	VETTIKAVALA	0	1.98002	0	0	0.93303	1.85	0.00	0.00	0	4.76	0	0.00%
139	VILAKUDY	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	4.07239	89.89%
140	WEST KALLADA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.18614	63.10%
141	YEROOR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
	Sub Total	23.65405	119.5725	4.2	3.12	63.44604	99.90	3.30	4.50	9.61	331.30	102.32	30.88%
Pathanamthitta District													
142	ANIKKADU	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.37413	10.80%
143	ARANMULA	1.25597	2.28002	0.28	0	0.93303	1.80	0.00	0.30	0.53883	7.39	0.7793	10.55%
144	ARUVAPPULAM	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	3.79022	83.67%
145	AYIROOR	0.62798	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.26942	4.64	2.21032	47.62%
146	CHENNERKKARA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.45012	11.26%

147	CHERUKOLE	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.54383	44.56%
148	CHITTAR	0	1.69716	0	0	0.93303	1.60	0.00	0.00	0	4.23	0	0.00%
149	ELANTHOOR	1.04664	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.44903	5.24	2.0448	39.02%
150	ENADIMANGALAM	0.62798	2.8286	0.28	0	0.93303	2.60	0.00	0.30	0.26942	7.84	0	0.00%
151	ERATHU	0	1.99716	0	0	0.93303	1.65	0.00	0.00	0	4.58	0	0.00%
152	ERAVIPEROOR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
153	EZHAMKULAM	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0.77725	17.16%
154	EZHUMATTOOR	0.62798	1.7143	0.28	0	0.93303	1.35	0.00	0.30	0.26942	5.47	0.89469	16.34%
155	KADAMBANADU	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.7777	19.46%
156	KADAPRA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.96966	56.85%
157	KALANJOOR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
158	KALLOPPARA	0.62798	0.84858	0.28	0	0.93303	0.80	0.00	0.30	0.26942	4.06	1.35964	33.50%
159	KAVIYOOR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
160	KODUMON	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0.82181	16.23%
161	KOIPURAM	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	3.75101	82.80%
162	KONNI GP	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	0.30364	4.60%
163	KOTTANADU	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.16271	33.56%
164	KOTTANGAL	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.32	9.24%
165	KOZHENCHERRY	0	0.84858	0	0	0.93303	0.80	0.00	0.00	0	2.58	0	0.00%
166	KULANADA	0	1.4143	0	0	0.93303	1.35	0.00	0.00	0	3.70	3.69649	99.98%
167	KUNNATHANAM	0	1.98002	0	0	0.93303	1.85	0.00	0.00	0	4.76	0	0.00%
168	KUTTOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.17573	62.80%
169	MALAYALAPUZHA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.81909	52.51%
170	MALLAPPALLI				0.84	0.93303	0.00	0.9	0.00	0	2.67	2.67262	99.98%
171	MALLAPUZHASERRY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
172	MEZHUVELY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
173	MYLAPRA	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.79733	27.67%

174	NARAGANAM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.49914	14.41%
175	NARANAMMOOZH	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.89708	72.48%
176	NEDUMBRAM	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	1.79817	76.56%
177	NIRANAM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.33521	38.54%
178	OMALLOOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
179	PALLICKAL	0.62798	1.98002	0	0	0.93303	1.85	0.00	0.00	0.26942	5.66	0.64338	11.37%
180	PANDALAM THEKEKKARA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.15948	33.47%
181	PERINGARA	0.41866	1.13144	0.28	0	0.93303	1.10	0.00	0.3	0.17961	4.34	0	0.00%
182	PRAMADOM	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
183	PURAMATTOM	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	0	0.00%
184	RANNI	0	0.28286	0	0	0.93303	0.30	0.00	0.00	0	1.52	0	0.00%
185	RANNI-PERUNADU	1.25597	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.53883	7.14	0.75051	10.51%
186	RANNI-ANGADI	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
187	RANNI- PAZHAVANGADI	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
188	SEETHATHODE	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
189	THANNITHODE	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0.51423	10.16%
190	THOTTAPPUZHASSER Y	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.39605	11.43%
191	THUMPAMON GP	0.20933	0.56572	0.28	0	0.93303	0.55	0.00	0.30	0.08981	2.93	1.27295	43.48%
192	VADASSERIKKARA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.47761	36.96%
193	VALLIKODE	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.08658	60.23%
194	VECHOOCHIRA	0	2.8286	0	0	0.93303	2.60	0.00	0.00	0	6.36	0	0.00%
	Sub Total	8.58244	81.53214	2.8	0.84	49.45059	67.00	0.90	3.00	3.68	217.79	49.32	22.65%
Alappuzha District													
195	ALA GP	0.20933	0.86572	0	0	0.93303	0.55	0.00	0.00	0.08981	2.65	1.90235	71.84%
196	AMBALAPUZHA NORTH	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%

197	AMBALAPUZHA SOUTH	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	0	0.00%
198	ARATTUPUZHA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	3.79038	94.82%
199	AROOKUTTY	0.62798	0.84858	0.28	0	0.93303	0.80	0.00	0.30	0.26942	4.06	0	0.00%
200	AROOR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
201	ARYAD	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.21352	55.37%
202	BHARANIKAVU	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	2.9205	64.47%
203	BUDHANUR	0.41866	1.7143	0	0	0.93303	1.35	0.00	0.00	0.17961	4.60	1.12311	24.44%
204	CHAMPAKULAM	1.25597	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.53883	7.14	2.35	32.92%
205	CHENNAM PALLIPPURAM	0.62798	1.43144	0.28	0	0.93303	1.10	0.00	0.30	0.26942	4.94	0	0.00%
206	CHENNITHALA	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	3.92017	77.43%
207	CHEPPADU	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
208	CHERIYANAD	0.20933	1.43144	0	0	0.93303	1.10	0.00	0.00	0.08981	3.76	0.42135	11.20%
209	CHERTHALA SOUTH	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
210	CHERUTHANA	0.62798	1.14858	0.28	0	0.93303	0.80	0.00	0.30	0.26942	4.36	1.98874	45.62%
211	CHETTikulANGARA	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	4.53419	81.03%
212	CHINGOLI	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.4701	51.02%
213	CHUNAKKARA	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	0	0.00%
214	DEVIKULANGARA	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.10464	38.33%
215	EDATHUA	1.88395	2.54574	0.28	0	0.93303	2.35	0.00	0.30	0.80825	9.10	0.669	7.35%
216	EEZHUPUNNA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	3.82377	95.66%
217	KADAKKARAPPALLY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
218	KAINAKARY	1.46529	2.28002	0	0	0.93303	1.85	0.00	0.00	0.62864	7.16	0	0.00%
219	KANDALLOOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.90976	55.12%
220	KANJIKUZH	1.67462	1.7143	0	0	0.93303	1.35	0.00	0.00	0	5.67	0	0.00%
221	KARTHIKAPPALLY	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.22759	77.30%
222	KARUVATTA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%

223	KAVALAM	0.20933	1.7143	0	0	0.93303	1.40	0.00	0.00	0.08981	4.35	2.98282	68.63%
224	KODAMTHURUTH	0	1.7143	0	0	0.93303	1.34	0.00	0.00	0	3.99	2.63788	66.16%
225	KRISHNAPURAM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.84525	24.40%
226	KUMARAPURAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.6104	21.18%
227	KUTHIYATHODE	0	2.28002	0	0	0.93303	1.90	0.00	0.00	0	5.11	0.92434	18.08%
228	MANNAMCHERY	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	1.09895	19.64%
229	MANNAR	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	0	0.00%
230	MARARIKULAM NORTH	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	3.24805	64.15%
231	MARARIKULAM SOUTH	0	2.26288	0	0	0.93303	2.10	0.00	0.00	0	5.30	3.23159	61.02%
232	MAVELIKKARA THAMARAKKULAM	0	1.99716	0	0	0.93303	1.60	0.00	0.30	0	4.83	4.00453	82.91%
233	MAVELIKKARA THEKKEKKARA	1.46529	1.98002	0.28	0	0.93303	1.90			0.62864	7.19	0	0.00%
234	MUHAMMA	1.04664	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.44903	6.31	3.85567	61.14%
235	MULAKUZHA	0.20933	1.7143	0	0	0.93303	1.35	0.00	0.00	0.08981	4.30	0.90328	21.02%
236	MUTHUKULAM	0.62798	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.26942	4.64	1.84307	39.71%
237	MUTTAR	0.20933	0.86572	0	0	0.93303	0.55	0.00	0.00	0.08981	2.65	0.63971	24.16%
238	NEDUMUDI	0	2.26288	0.28	0	0.93303	2.10	0.00	0.30	0	5.88	0	0.00%
239	NEELAMPEROOR	0.20933	1.14858	0	0	0.93303	0.80	0.00	0.00	0.08981	3.18	0	0.00%
240	NOORANAD	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.42382	10.60%
241	PALAMEL	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
242	PALLIPADU	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.41863	12.08%
243	PANAVALLY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	3.1297	78.29%
244	PANDANAD	0.20933	0.56572	0.28	0	0.93303	0.55	0.00	0.30	0.08981	2.93	2.92781	100.00 %
245	PATHIYOOR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	2.96902	58.64%
246	PATTANAKKAD	1.46529	2.28002	0.28	0	0.93303	1.85	0.00	0.30	0.62864	7.74	2.66048	34.39%

247	PERUMBALAM	0.62798	0.84858	0.28	0	0.93303	0.80	0.00	0.30	0.26942	4.06	0	0.00%
248	PULINCUNNU	0.20933	1.99716	0	0	0.93303	1.10	0.00	0.00	0.08981	4.33	0	0.00%
249	PULIYUR	0.20933	1.13144	0	0	0.93303	0.80	0.00	0.00	0.08981	3.16	1.3008	41.12%
250	PUNNAPRA NORTH	0	1.14858	0	0	0.93303	1.65	0.00	0.00	0	3.73	1.62445	43.53%
251	PUNNAPRA SOUTH	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.85564	99.10%
252	PURAKKAD	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.18451	29.63%
253	RAMANKARY	0.20933	1.14858	0	0	0.93303	0.80	0.00	0.00	0.08981	3.18	0.99938	31.42%
254	THAKAZHI	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	3.00235	59.30%
255	THALAVADY	0	2.84574	0	0	0.93303	2.35	0.00	0.00	0	6.13	0.99994	16.32%
256	THANNEERMUKKOM	1.67462	2.26288	0.28	0	0.93303	2.10	0.00	0.30	0.71845	8.27	1.97764	23.92%
257	THAZHAKARA	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	4.44054	98.02%
258	THIRUVANVANDOOR	0.20933	1.14858	0	0	0.93303	0.80	0.00	0.00	0.08981	3.18	0	0.00%
259	THRIKKUNNAPUZHA	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	2.28496	34.59%
260	THURAVOOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.42007	69.85%
261	THYCATTUSSERY	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	3.82859	77.49%
262	VALLIKUNNAM	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
263	VAYALAR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.32771	33.21%
264	VEEYAPURAM	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	1.54465	65.76%
265	VELIYANAD	0.20933	0.84858	0.28	0	0.93303	0.80	0.00	0.30	0.08981	3.46	0	0.00%
266	VENMONY	0.20933	1.7143	0	0	0.93303	1.35	0.00	0.00	0.08981	4.30	0.5	11.64%
	Sub Total	23.23539	118.59532	5.32	0	67.17816	97.04	0.00	5.7	9.25005	326.32	106.0154	32.49%
Kottayam District													
267	AKALAKUNNAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.64733	66.23%
268	ARPOOKARA	0.83731		0	1.12	0.93303	0.00	1.20	0.00	0.35922	4.45	0.12278	2.76%
269	AYMANAM	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	2.04846	40.46%
270	ATHIRAMPUZHA	1.04664	4.2429	0.28	0	0.93303	3.85	0.00	0.30	0.44903	11.10	4.34322	39.12%
271	AYARKUNNAM	1.04664	1.4143	0.28	0	0.93303	1.30	0.00	0.30	0.44903	5.72	5.15221	90.03%

272	BHARANANGANAM	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	1.54013	26.68%
273	CHEMPU	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.12107	61.22%
274	CHIRAKKADAVU	1.25597		0	1.12	0.93303	0.00	1.20	0.00	0.53883	5.05	0.38081	7.54%
275	ELIKULAM	0.62798	0.84858	0	0	0.93303	0.80	0.00	0.00	0.26942	3.48	2.3787	68.37%
276	ERUMELY	2.3026	3.67718	0.28	0	0.93303	3.35	0.00	0.30	0.98786	11.83	0	0.00%
277	KADANADU	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.14375	3.60%
278	KADAPLAMATTOM	0.41866	0.56572	0.28	0	0.93303	0.55	0.00	0.30	0.17961	3.23	1.34543	41.69%
279	KADUTHURUTHY	0.83731	1.99716	0	0	0.93303	1.60	0.00	0.00	0.35922	5.73	1.42794	24.93%
280	KALLARA	0.62798	1.14858	0	0	0.93303	0.80	0.00	0.00	0.26942	3.78	1.32998	35.19%
281	KANAKKARY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	3.18721	92.00%
282	KANGAZHA	1.04664	2.8286	0.28	0	0.93303	2.60	0.00	0.30	0.44903	8.44	1.54656	18.33%
283	KANJIRAPPALLY	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.20667	26.64%
284	KARoor	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.73878	68.52%
285	KARUKACHAL	0.83731	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.35922	6.54	2.59521	39.68%
286	KIDANGOOR	0.62798	1.69716	0	0	0.93303	1.60	0.00	0.00	0.26942	5.13	3.66355	71.45%
287	KOOROPADA	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
288	KOOTTIKKAL	0.41866	0.84858	0.28	0	0.93303	0.85	0.00	0.30	0.17961	3.81	0	0.00%
289	KORUTHODE		0.3	0	0	0.93303	0.00	0.60	0.00	0	1.83	0	0.00%
290	KOZHUVANAL	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	0	0.00%
291	KUMARAKOM	1.04664	1.7143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	6.07	0	0.00%
292	KURAVILANGAD	0.83731		0	0.84	0.93303	0.00	0.90	0.00	0.35922	3.87	2.61034	67.46%
293	KURICHY	0.62798		0.28	0.84	0.93303	0.00	0.90	0.30	0.26942	4.15	1.94658	46.90%
294	MADAPPALLY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.62733	15.69%
295	MANARCADU	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.94496	67.50%
296	MANIMALA	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	4.38137	96.71%
297	MANJOOR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
298	MARANGATTUPILLY	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	0	0.00%

299	MARAVANTHTURUTH	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.96863	85.69%
300	MEENACHIL	0	1.13144	0	0	0.93303	1.10	0.00	0.00	0	3.16	0	0.00%
301	MEENADOM	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	4.31267	95.20%
302	MELUKAVU	0	0.84858	0.28	0	0.93303	0.80	0.00	0.30	0	3.16	0	0.00%
303	MOONILAVU	0.20933	1.43144	0	0	0.93303	1.10	0.00	0.00	0.08981	3.76	0.1419	3.77%
304	MULAKKULAM	0.20933	1.99716	0.28	0	0.93303	1.60	0.00	0.30	0.08981	5.41	0	0.00%
305	MUNDAKKAYAM	0.83731	1.43144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	5.24	0	0.00%
306	MUTHOLY	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.36263	12.58%
307	NEDUMKUNNAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
308	NEENDOOR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.00958	50.27%
309	NJEEZHOOOR	0.20933	1.43144	0	0	0.93303	1.10	0.00	0.00	0.08981	3.76	0.12489	3.32%
310	PAIPPADU	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.98922	69.03%
311	PALLIKATHODU	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
312	PAMPADI				1.12	0.93303	0.00	1.20	0.00	0	3.25	2.9237	89.88%
313	PANACHIKKAD GP	1.46529	2.28002	0.28	0	0.93303	1.90	0.00	0.30	0.62864	7.79	0	0.00%
314	PARATHODU	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.05348	1.34%
315	POONJAR	0.20933	2.28002	0	0	0.93303	0.80	0.00	0.00	0.08981	4.31	3.07769	71.37%
316	POONJAR THEKKEKKARA	0.20933	1.14858	0	0	0.93303	1.60	0.00	0.00	0.08981	3.98	0	0.00%
317	PUTHUPALLY	0	1.99716	0.56	0	0.93303	1.90	0.00	0.60	0	5.99	0	0.00%
318	RAMAPURAM	1.67462	2.26288	0.28	0	0.93303	2.10	0.00	0.30	0.71845	8.27	0.42373	5.12%
319	TEEKOY	0.20933	0.86572	0	0	0.93303	0.55	0.00	0.00	0.08981	2.65	2.64781	100.00 %
320	THALANADU	0.20933	2.28002	0	0	0.93303	1.85	0.00	0.00	0.08981	5.36	0	0.00%
321	THALAPPALAM	0.20933	1.43144	0	0	0.93303	1.10	0.00	0.00	0.08981	3.76	1.28981	34.27%
322	THALAYAZHAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.81871	63.11%
323	THALAYOLAPARAMBU	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	3.60827	62.50%

324	THIDANADU	0.20933	0.3	0	0	0.93303	0.00	1.50	0.00	0.08981	3.03	0	0.00%
325	THIRUVARPP	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.37717	47.79%
326	THRIKODITHANAM	0	1.13144	0	0	0.93303	1.10	0.00	0.00	0	3.16	2.68823	84.95%
327	TV PURAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.07855	72.13%
328	UDAYANAPURAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.34843	33.73%
329	UZHAVOOR	0	1.69716	0	0	0.93303	1.60	0.00	0.00	0	4.23	4.22019	99.76%
330	VAKATHANAM	0	1.4143	0	0	0.93303	1.35	0.00	0.00	0	3.70	3.59749	97.30%
331	VAZHAPPALLY	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
332	VAZHOOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.80185	80.87%
333	VECHOOOR	1.25597	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.53883	5.54	2.76119	49.85%
334	VELIYANNOOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0.53883	4.00	3.46447	86.54%
335	VELLAVOOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
336	VELLOOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
337	VIJAYAPURAM	0	1.13144	0	0	0.93303	1.10	0.00	0.00	0	3.16	1.82761	57.75%
	Sub Total	23.65405	102.06946	5.32	5.04	66.24513	83.40	7.50	5.70	10.69	309.62	105.35	34.03%
Idukki District													
338	ADIMALI	2.93059	4.26004	0	0	0.93303	3.60	0.00	0.00	1.25728	12.98	1.02846	7.92%
339	ALAKODE	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	1.78199	75.87%
340	ARAKULAM	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	2.65548	58.62%
341	AYYAPPANCOVIL	0	1.7143	0	0	0.93303	1.40	0.00	0.00	0	4.05	1.11277	27.49%
342	BISONVALLEY	0.83731	1.43144	0	0	0.93303	1.10	0.00	0.00	0.35922	4.66	3.17922	68.21%
343	CHAKKUPALLAM	0	1.99716	0	0	0.93303	1.55	0.00	0.00	0	4.48	1.10344	24.63%
344	CHINNAKANAL	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
345	DEVIKULAM	1.88395	2.8286	0.28	0	0.93303	2.60	0.00	0.30	0.80825	9.63	1.10361	11.46%
346	EDAMALAKUDI	0.20933		0	0.3	0.93303	0.00	0.30	0.00	0.08981	1.83	0	0.00%
347	EDAVETTY	0	0.86572	0	0	0.93303	0.60	0.00	0.00	0	2.40	0	0.00%
348	ELAPPARA	0	1.98002	0	0	0.93303	1.85	0.00	0.00	0	4.76	0.76464	16.05%

349	ERATTAYAR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
350	KAMAKSHY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
351	KANCHIYAR	0	1.99716	0	0	0.93303	1.65	0.00	0.00	0	4.58	3.25648	71.10%
352	KANJIKUZHY	0	2.26288	0.28	0	0.93303	2.10	0.00	0.30	0.71845	6.59	3.6699	55.65%
353	KANTHALLOOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
354	KARIMANNOOR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	3.38406	84.66%
355	KARIMKUNNAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.64666	22.44%
356	KARUNAPURAM	0	1.69716	0	0	0.93303	1.60	0.00	0.00	0	4.23	1.6	37.82%
357	KODIKULAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.11766	38.79%
358	KOKKAYAR	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
359	KONNATHADY	2.51193	3.69432	0	0	0.93303	3.10	0.00	0.00	1.07767	11.32	0	0.00%
360	KUDAYATHOOR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.293	10.17%
361	KUMARAMANGALAM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.18372	34.17%
362	KUMILY	0	3.1286	0	0	0.93303	2.60	0.00	0.00	0	6.66	0.9994	15.00%
363	MANAKKAD	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.59479	46.03%
364	MANKULAM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
365	MARAYOOR	0.41866	0.84858	0.28	0	0.93303	0.80	0.00	0.30	0.17961	3.76	3.05748	81.32%
366	MARIYAPURAM	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
367	MUNNAR	2.09328	2.54574	0	0	0.93303	2.35	0.00	0.00	0.89806	8.82	0	0.00%
368	MUTTOM	0.41866	0.56572	0.28	0	0.93303	0.55	0.00	0.30	0.17961	3.23	1.49877	46.44%
369	NEDUMKANDAM	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	0	0.00%
370	PALLIVASAL	1.88395	2.84574	0.28	0	0.93303	2.35	0.00	0.30	0.80825	9.40	0.89157	9.48%
371	PAMPADUMPARA	1.04664	1.7143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	6.07	2.51997	41.49%
372	PEERMADE	1.88395		0	2.24	0.93303	0.00	2.4	0.00	0.80825	8.27	0	0.00%
373	PERUVANTHANAM	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0.37294	7.37%
374	PURAPUZHA	0.62798	0.84858	0.28	0	0.93303	0.80	0.00	0.30	0.26942	4.06	2.06396	50.85%
375	RAJAKKAD	1.04664	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.44903	6.31	6.10419	96.80%

376	RAJAKUMARY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	3.45953	99.86%
377	SANTHANPARA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
378	SENAPATHY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
379	UDUMBANCHOLA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
380	UDUMBANNOOR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.37938	59.52%
381	UPPUTHARA	1.46529	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.62864	7.44	2.38064	32.01%
382	VANDENMEDU	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	0	0.00%
383	VANDIPERIYAR	2.3026	5.6572	0.28	0	0.93303	5.10	0.00	0.30	0.98786	15.56	0	0.00%
384	VANNAPPURAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.65889	16.48%
385	VATHIKKUDY	2.3026	3.11146	0.28	0	0.93303	2.85	0.00	0.30	0.98786	10.76	0	0.00%
386	VATTAVADA	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	0	0.00%
387	VAZHATHOPE	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
388	VELLATHOOVAL	2.09328	3.1286	0.28	0	0.93303	2.60	0.00	0.30	0.89806	10.23	4.92274	48.11%
389	VELLIYAMATTAM	1.04664	1.99716	0	0	0.93303	1.60	0.00	0.00	0.44903	6.03	0	0.00%
	Sub Total	28.04992	95.67514	3.64	2.54	48.51756	79.40	2.70	3.90	12.75	277.18	60.79	21.93%
Ernakulam District													
390	AIKKARANAD GP	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	0	0.00%
391	ALANGAD	1.25597	1.99716	0	0	0.93303	1.55	0.00	0.00	0.53883	6.27	4.49382	71.61%
392	AMBALLOOR	0.41866	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.17961	4.34	4.34261	100.00 %
393	ARAKKUZHA	0.62798	0.84858	0.28	0	0.93303	0.80	0.00	0.30	0.26942	4.06	2.14108	52.75%
394	ASSAMANOOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.35836	68.07%
395	AVOLY	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	0	0.00%
396	AYAVANA	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	0.89648	38.17%
397	AYYAMPUZHA GP	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.37102	47.58%
398	CHELLANAM	0	1.99716	0.56	0	0.93303	1.60	0.00	0.60	0	5.69	0	0.00%
399	CHENDAMANGALAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
400	CHENGAMANAD	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	0	0.00%

401	CHERANALLOOR	0.83731	1.43144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	5.24	3.33852	63.70%
402	CHITTATTUKARA	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	4.51969	99.77%
403	CHOORNIKKARA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.40607	60.19%
404	CHOTTANIKKARA	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.68658	93.23%
405	EDAKKATTUVAYAL	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.18656	26.19%
406	EDATHALA	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
407	EDAVANNAKKADU	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.57677	74.38%
408	ELAMKUNNAPPUZHA	0.83731	2.84574	0.28	0	0.93303	2.35	0.00	0.30	0.35922	7.91	0.3915	4.95%
409	ELANJI	0.20933	1.14858	0	0	0.93303	0.80	0.00	0.00	0.08981	3.18	0.39591	12.45%
410	EZHICKARA	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	2.18451	44.21%
411	KADAMAKKUDY	0.41866	1.14858	0.28	0	0.93303	0.80	0.00	0.30	0.17961	4.06	4.05975	100.00%
412	KADUNGALLOOR	1.04664	1.7143	0	0	0.93303	1.35	0.00	0.00	0.44903	5.49	3.15585	57.45%
413	KALADY	0.62798	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.26942	4.64	0	0.00%
414	KALLOORKADU	0.41866	0.86572	0.28	0	0.93303	0.55	0.00	0.30	0.17961	3.53	0.83683	23.73%
415	KANJOOR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.04096	70.83%
416	KARUKUTTY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.0909	52.31%
417	KARUMALLOOR	1.04664	1.7143	0	0	0.93303	1.35	0.00	0.00	0.44903	5.49	4.34833	79.16%
418	KAVALANGAD	0.83731	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.35922	5.47	3.22898	58.99%
419	KEERAMPARA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.41311	69.65%
420	KEEZHMAD	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
421	KIZHAKAMBALAM	1.46529	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.62864	7.44	1.14588	15.41%
422	KOOVAPPADY	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	1.22115	24.12%
423	KOTTAPADY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.41098	60.31%
424	KOTTUVALLY	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0.9074	20.03%
425	KUMBALAM	0	1.7143	0.28	0	0.93303	1.35	0.00	0.30	0	4.58	2.47373	54.04%
426	KUMBALANGI	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	0.99249	15.03%
427	KUNNATHUNAD	0	2.28002	0	0	0.93303	1.90	0.00	0.00	0	5.11	2.6821	52.46%

428	KUNNUKARA	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
429	KUTTAMPUZHA	0	2.84574	0	0	0.93303	2.35	0.00	0.00	0	6.13	0	0.00%
430	KUZHIPPILLY	0.41866	0.86572	0.28	0	0.93303	0.55	0.00	0.3	0.18	3.53	3.52689	100.00%
431	MALAYATTOOR NEELEESWARAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	3.68309	92.14%
432	MANEED	0.20933	1.43144	0	0	0.93303	1.10	0.00	0.00	0.08981	3.76	3.76353	100.00%
433	MANJALLOOR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.80789	28.04%
434	MANJAPRA	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.04692	71.03%
435	MARADY	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.08161	72.24%
436	MAZHUVANNOOR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
437	MOOKKANNOOR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
438	MUDAKUZHA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.2522	7.28%
439	MULANTHURUTHY	0.41866		0.28	0.84	0.93303	0.00	0.9	0.30	0.17961	3.85	0.99069	25.72%
440	MULAVUKAD	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.82137	70.58%
441	NAYARAMBALAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.80775	45.22%
442	NEDUMBASSERY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.39201	59.84%
443	NELLIKKUZHY	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	2.46985	54.52%
444	NJARAKKAL	0	1.13144	0	0	0.93303	1.10	0.00	0.00	0	3.16	2.84693	89.97%
445	OKKAL	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
446	PAINGOTTOOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.53465	15.43%
447	PAIPRA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
448	PALAKUZHA	0.20933	1.43144	0	0	0.93303	1.10	0.00	0.00	0.08981	3.76	0.71909	19.11%
449	PALARIMANGALAM	0.62798	0.56572	0.28	0	0.93303	0.55	0.00	0.30	0.26942	3.53	0	0.00%
450	PALLIPPURAM	1.04664	2.28002	0.28	0	0.93303	1.85	0.00	0.30	0.44903	7.14	2.03566	28.52%
451	PAMPAKUDA	0.20933	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.08981	4.04	0.69675	17.23%
452	PARAKADAVU	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.91703	47.96%

453	PINDIMANA	0	1.4143	0	0	0.93303	1.35	0.00	0.00	0	3.70	0.9608	25.99%
454	POOTHRIKKA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
455	POTHANICAUD	0	0.86572	0.28	0	0.93303	0.55	0.00	0.30	0	2.93	2.32724	79.46%
456	PUTHANVELIKKARA	0	1.13144	0	0	0.93303	1.10	0.00	0.00	0	3.16	1.03109	32.58%
457	RAMAMANGALAM	0.20933	0.84858	0.28	0	0.93303	0.80	0.00	0.30	0.08981	3.46	0	0.00%
458	RAYAMANGALAM	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	4.29323	94.77%
459	SREEMOOLANAGARA M	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.53001	44.16%
460	THIRUMARADY	0.20933	1.14858	0	0	0.93303	0.80	0.00	0.00	0.08981	3.18	0.48715	15.32%
461	THIRUVANIYOOR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
462	THURAVOOR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.87725	99.85%
463	UDAYAMPERUR	0.20933	1.7143	0.28	0	0.93303	1.35	0.00	0.30	0.08981	4.88	3.03629	62.26%
464	VADAKKEKARA	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	0	0.00%
465	VADAVUCODE PUTHENCURZE	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.3	0.53883	6.60	0.83902	12.70%
466	VALAKAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.06192	2.15%
467	VARAPETTY	0.62798	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.26942	4.64	3.78848	81.62%
468	VARAPUZHA	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	5.36836	92.99%
469	VAZHAKULAM	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
470	VENGOLA	1.25597	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.53883	7.14	3.09834	43.41%
471	VENGOOR	0.83731	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.35922	6.54	1.3676	20.91%
	Sub Total	24.07273	122.6582	8.4	0.84	76.50846	99.50	0.90	9.00	10.33	352.21	135.76	38.55%
Thrissur District													
472	ADAT	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.77847	61.72%
473	ALAGAPPANAGAR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.59451	17.16%
474	ALLOOR	1.67462	2.56288	0.28	0	0.93303	2.10	0.00	0.30	0.71845	8.57	0.31417	3.67%
475	ANNAMANADA	0.62798	1.7143	0.28	0	0.93303	1.35	0.00	0.30	0.26942	5.47	1.27256	23.24%
476	ANTHIKKAD	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	1.49485	30.25%

477	ARIMBUR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
478	ATHIRAPPILLY	0.20933	2.28002	0	0	0.93303	1.85	0.00	0.00	0.08981	5.36	1.83237	34.17%
479	AVANOR		0.3	0	0.86	0.93303	0.00	0.90	0.00	0	2.99	2.29703	76.75%
480	AVINISSERY	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
481	CHAZHUR	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	0.98975	17.14%
482	CHELAKKARA	1.46529	2.28002	0	0	0.93303	1.85	0.00	0.00	0.62864	7.16	0.96269	13.45%
483	CHERPU	0.83731	1.13144	0	0	0.93303	1.10	0.00	0.00	0.35922	4.36	3.27711	75.15%
484	CHOONDAL	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.38751	9.69%
485	CHOWANNUR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.36447	68.25%
486	DESAMANGALAM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
487	EDATHIRUTHI	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
488	EDAVILANGU	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.89149	30.94%
489	ELAVALLY	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	2.90507	64.13%
490	ENGANDIYUR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.88161	100.00%
491	ERIYAD	1.46529	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.62864	7.44	1.20477	16.20%
492	ERUMAPETTY	1.04664	2.26288	0.28	0	0.93303	2.10	0.00	0.30	0.44903	7.37	0	0.00%
493	KADAGODE	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
494	KADAPPURAM	0.20933	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.08981	4.04	2.68593	66.42%
495	KADAVALLUR	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
496	KADUKUTTY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.40066	60.06%
497	KAIPAMANGALAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.98374	24.61%
498	KAIPARAMBU	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.98284	57.23%
499	KANDANASSERY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.14947	53.77%
500	KARALAM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.61938	17.88%
501	KATTAKAMBAL	0.41866	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.17961	4.88	0	0.00%
502	KATTOOR	0.41866	0.56572	0.28	0	0.93303	0.55	0.00	0.30	0.17961	3.23	0	0.00%
503	KODAKARA	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	3.81519	84.22%

504	KODASSERY	1.67462	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.71845	7.74	0	0.00%
505	KOLAZHY	0.41866	1.14858	0.28	0	0.93303	0.80	0.00	0.30	0.17961	4.06	0.58259	14.35%
506	KONDAZHLY	0.83731	1.43144	0	0	0.93303	1.10	0.00	0.00	0.35922	4.66	3.21809	69.04%
507	KORATTY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.05263	26.33%
508	KUZHUR	0.62798	1.43144	0.28	0	0.93303	1.10	0.00	0.30	0.26942	4.94	4.18987	84.78%
509	MADAKKATHARA	0.20933	2.84574	0.28	0	0.93303	2.35	0.00	0.30	0.08981	7.01	0.9734	13.89%
510	MALA	1.25597	1.69716	0.28	0	0.93303	1.65	0.00	0.30	0.53883	6.65	6.30486	94.74%
511	MANALUR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
512	MATHILAKAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	3.037	75.98%
513	MATTATHUR	1.88395	2.54574	0.28	0	0.93303	2.35	0.00	0.30	0.80825	9.10	4.13707	45.46%
514	MELOOR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	2.96731	58.61%
515	MULAMKUNNATHUK AVU	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	3.91228	69.91%
516	MULLASSERY	0.41866	0.84858	0.28	0	0.93303	0.80	0.00	0.30	0.17961	3.76	0	0.00%
517	MULOORKKARA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.58788	16.97%
518	MURIYAD	0.62798	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.26942	4.64	0	0.00%
519	NADATHARA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.24958	64.93%
520	NATTIKA	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.92593	32.13%
521	NENMANIKKARA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.95248	85.22%
522	ORUMANAYUR	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	0.56206	23.93%
523	PADIYUR	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
524	PANANCHERY	0.83731	1.14858	0	0	0.93303	0.80	0.00	0.00	0.35922	4.08	1.38454	33.95%
525	PANJAL	0.62798	1.14858	0	0	0.93303	0.80	0.00	0.00	0.26942	3.78	0.02967	0.79%
526	PARALAM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.39415	40.24%
527	PARAPPUKKARA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.73543	78.96%
528	PARIYARAM	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	1.93946	38.31%
529	PAVARATTY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
530	PAZHAYANNUR	1.46529	2.28002	0.28	0	0.93303	1.85	0.00	0.30	0.62864	7.74	0.4278	5.53%

531	PERINJANAM	0.62798	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.26942	4.64	0	0.00%
532	POOMANGALAM	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	0.72408	30.83%
533	PORKULAM	0.41866	1.7143	0	0	0.93303	1.35	0.00	0.00	0.17961	4.60	3.07048	66.81%
534	POYYA	0.62798	1.43144	0.28	0	0.93303	1.10	0.00	0.30	0.26942	4.94	1.25323	25.36%
535	PUNNAYUR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.64808	41.23%
536	PUNNAYURKULAM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.56293	16.25%
537	PUTHENCHIRA	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	3.07372	62.21%
538	PUTHUKKAD				1.12	0.93303	0.00	1.2	0.00	0	3.25	2.34041	71.95%
539	PUTHUR	0	3.41146	0	0	0.93303	2.85	0.00	0.00	0	7.19	0	0.00%
540	SREENARAYANAPURAM	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	1.36445	26.95%
541	THALIKULAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.41161	83.69%
542	THANNIYAM	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	0.2048	3.55%
543	THEKKUMKARA	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	1.58077	31.22%
544	THIRUVILWAMALA	1.04664	1.7143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	6.07	0	0.00%
545	THOLUR	0.41866	0.56572	0.28	0	0.93303	0.55	0.00	0.30	0.17961	3.23	3.22689	100.00%
546	TRIKKUR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.97708	24.44%
547	VADAKKEKKAD	0.41866	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.17961	4.34	0	0.00%
548	VALAPPAD	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	1.5565	23.57%
549	VALLACHIRA	0	1.14858	0.28	0	0.93303	0.80	0.00	0.30	0	3.46	1.6836	48.64%
550	VALLATHOL NAGAR	0.62798	1.14858	0	0	0.93303	0.80	0.00	0.00	0.26942	3.78	0.96413	25.51%
551	VARANDARAPILLY	0	3.41146	0	0	0.93303	2.85	0.00	0.00	0	7.19	2.96778	41.25%
552	VARAVOOR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.15527	53.92%
553	VATANAPPALLY	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	0	0.00%
554	VELLANGALLUR	1.25597	1.99716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.90	3.76374	54.51%
555	VELOKKARA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.4116	10.30%
556	VELOOR	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	2.64933	58.48%

557	VENKIDANGU	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0.92644	20.45%
	Sub Total	30.56186	137.73548	8.12	1.98	80.24058	112.10	2.10	8.7	13.11164	394.65	125.1666	31.72%
Palakkad District													
558	AGALI	2.3026	3.39432	0.28	0	0.93303	3.10	0.00	0.30	0.98786	11.30	0	0.00%
559	AKATHETHARA	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.07626	72.05%
560	ALANALLUR	1.46529	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.62864	7.44	0	0.00%
561	ALATHUR	1.25597		0	1.12	0.93303	0.00	1.20	0.00	0.53883	5.05	0	0.00%
562	AMBALAPARA	0	1.98002	0	0	0.93303	1.85	0.00	0.00	0	4.76	0.5712	11.99%
563	ANAKKARA	0.20933	1.99716	0	0	0.93303	1.60	0.00	0.00	0.08981	4.83	1.25	25.88%
564	ANANGANADI	0.20933	2.28002	0	0	0.93303	1.85	0.00	0.00	0.08981	5.36	0.94358	17.60%
565	AYILUR GP	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
566	CHALAVARA	0	2.54574	0.28	0	0.93303	2.35	0.00	0.30	0	6.41	0	0.00%
567	CHALISSERY	0	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.35922	4.64	3.96249	85.46%
568	ELAPPULLY	1.67462	2.26288	0.28	0	0.93303	2.10	0.00	0.30	0.71845	8.27	0	0.00%
569	ELAVANCHERY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.12685	28.19%
570	ERIMAYOOR	1.25597	1.99716	0	0	0.93303	1.60	0.00	0.00	0.53883	6.32	1.75259	27.71%
571	ERUTHEMPATHY	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	0.72066	12.88%
572	KANHIRAPPUZHA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.99122	74.83%
573	KANNADI	0.20933	1.43144	0	0	0.93303	1.10	0.00	0.00	0.08981	3.76	0	0.00%
574	KANNAMBRA	1.04664	1.99716	0	0	0.93303	1.60	0.00	0.00	0.44903	6.03	0	0.00%
575	KAPPUR	0.41866	1.7143	0	0	0.93303	1.35	0.00	0.00	0.17961	4.60	2.60166	56.61%
576	KARAKURISSI	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
577	KARIMBA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.46068	11.52%
578	KARIMPUZHA	0.41866	2.28002	0	0	0.93303	1.90	0.00	0.00	0.17961	5.71	2.62003	45.87%

579	KATAMPAZHIPURAM	0	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0	4.81	0	0.00%
580	KAVASSERY	0.83731	1.7143	0	0	0.93303	1.35	0.00	0.00	0.35922	5.19	2.94984	56.79%
581	KERALASSERY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	3.38947	97.84%
582	KIZAKKENCHERRY	0	3.41146	0	0	0.93303	2.85	0.00	0.00	0	7.19	0.96373	13.40%
583	KODUMBU	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
584	KODUVAYUR	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	2.62997	39.82%
585	KOLLENGODE	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	1.79754	35.50%
586	KONGAD	0	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0	5.34	0	0.00%
587	KOPPAM	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	2.53421	43.90%
588	KOTTAYI	0.20933	1.7143	0	0	0.93303	1.35	0.00	0.00	0.08981	4.30	0	0.00%
589	KOTTOPADAM	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
590	KOZHINJAPARA				1.12	0.93303	0.00	1.20	0.00	0	3.25	0	0.00%
591	KULUKKALLUR	1.04664	1.7143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	6.07	0.14898	2.45%
592	KUMARAMPUTHUR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
593	KUTHANUR	0.20933	1.99716	0	0	0.93303	1.60	0.00	0.00	0.08981	4.83	3.50552	72.59%
594	KUZHAIMANNAM	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.539	6.60	0	0.00%
595	LAKKIDI-PERUR	0.41866	3.1286	0	0	0.93303	2.70	0.00	0.00	0.17961	7.36	1.68985	22.96%
596	MALAMPUZHA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.6617	16.55%
597	MANKARA	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.07194	71.90%
598	MANNOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.52579	15.18%
599	MARUTHAROAD	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
600	MATHUR	0.20933	1.43144	0	0	0.93303	1.10	0.00	0.00	0.08981	3.76	0	0.00%
601	MELARCODE	1.04664	1.7143	0	0	0.93303	1.35	0.00	0.00	0.44903	5.49	0.98176	17.87%

602	MUNDUR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
603	MUTHALAMADA	0	3.41146	0.28	0	0.93303	2.85	0.00	0.30	0	7.77	0	0.00%
604	MUTHUTHALA	0.83731	1.43144	0	0	0.93303	1.10	0.00	0.00	0.35922	4.66	3.51536	75.42%
605	NAGALASSERY	0.20933	1.43144	0	0	0.93303	1.10	0.00	0.00	0.08981	3.76	0.38929	10.34%
606	NALLEPILY	0	2.56288	0	0	0.93303	2.15	0.00	0.00	0	5.65	1.59725	28.29%
607	NELLYA	0.20933	1.99716	0	0	0.93303	1.60	0.00	0.00	0.08981	4.83	1.51706	31.41%
608	NELLYAMPATHY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.67166	19.39%
609	NEMMARA	1.04664	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.44903	6.31	0.29362	4.66%
610	ONGALLUR	1.25597	1.99716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.90	2.22297	32.19%
611	PALLASSANA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	3.66633	91.72%
612	PARALI	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	0	0.00%
613	PARUTHUR	0	1.7143	0.28	0	0.93303	1.35	0.00	0.30	0	4.58	0	0.00%
614	PATTENCHERY	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	1.53076	23.18%
615	PATTTIHARA	0.20933	1.99716	0	0	0.93303	1.60	0.00	0.00	0.08981	4.83	0	0.00%
616	PUDUNAGRAM	0	1.43144	0	0	0.93303	0.00	0.00	0.00	0	2.36	0	0.00%
617	PERINGOTTUKURISSI	0.20933	1.99716	0	0	0.93303	1.60	0.00	0.00	0.08981	4.83	1.10977	22.98%
618	PERUMATTI	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.48806	12.21%
619	PERUVEMBA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.85279	46.35%
620	PIRAYITI	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
621	POLPULLY	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.5538	53.92%
622	POOKKOTTUKAV	0.20933	1.43144	0	0	0.93303	1.10	0.00	0.00	0.08981	3.76	0	0.00%
623	PUDUKODE	1.04664	1.43144	0	0	0.93303	1.10	0.00	0.00	0.44903	4.96	1.17319	23.65%
624	PUDUPARIYARAM	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%

625	PUDUR	0	1.99716	0	0	0.93303	1.55	0.00	0.00	0	4.48	0	0.00%
626	PUDUSSERY	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	0	0.00%
627	SHOLAYUR	0	3.1286	0	0	0.93303	2.60	0.00	0.00	0	6.66	4.54857	68.28%
628	SREEKRISHNAPURAM	0.20933	1.7143	0	0	0.93303	1.35	0.00	0.00	0.08981	4.30	1.82446	42.46%
629	THACHAMPARA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
630	THACHANATTUKAR A	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
631	THAROOR	1.04664	3.11146	0.28	0	0.93303	2.85	0.00	0.30	0.44903	8.97	4.97673	55.48%
632	THENKARA	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	0	0.00%
633	THENKURISSI	0.20933	1.99716	0	0	0.93303	1.60	0.00	0.00	0.08981	4.83	3.31744	68.69%
634	THIRUMITTAKODE	0.20933	1.99716	0	0	0.93303	1.60	0.00	0.00	0.08981	4.83	0	0.00%
635	THIRUVEGAPPURA	1.04664	1.7143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	6.07	4.07619	67.12%
636	THRIKKADEERI	0.20933	1.7143	0	0	0.93303	1.35	0.00	0.00	0.08981	4.30	0.54516	12.69%
637	TRITHALA	0.20933	1.4143	0	0	0.93303	1.35	0.00	0.00	0.08981	4.00	1.83873	46.01%
638	VADAKARAPTHY	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	2.58251	51.01%
639	VADAKKANCHERRY	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	6.60459	99.99%
640	VADAVANNUR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
641	VALLAPUZHA	0.20933	1.43144	0	0	0.93303	1.10	0.00	0.00	0.08981	3.76	1.60772	42.72%
642	VANDAZHI	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.06175	26.56%
643	VANIYAMKULAM	0.20933	1.14858	0	0	0.93303	0.80	0.00	0.00	0.08981	3.18	1.03481	32.53%
644	VELLINEZHYY	0.41866	1.99716	0	0	0.93303	1.60	0.00	0.00	0.17961	5.13	0	0.00%
645	VILAYUR	0.83731	1.43144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	5.24	0	0.00%
	Sub Total	31.8179	160.14998	5.88	2.24	82.10664	130.60	2.40	6.30	14.01	435.50	100.53	23.08%
Malappuram District													
646	ALANCODE	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.60527	35.43%

647	ALIPARAMBA	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
648	AMARAMBALAM	0	2.28002	0.28	0	0.93303	1.85	0.00	0.30	0	5.64	2.41595	42.81%
649	ANAKKAYAM	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	1.59149	31.43%
650	ANGADIPURAM	0	2.28002	0	0	0.93303	1.90	0.00	0.00	0	5.11	0	0.00%
651	AR NAGAR	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.3073	28.86%
652	AREEKODE	0	1.13144	0	0	0.93303	1.10	0.00	0.00	0	3.16	0	0.00%
653	ATHAVANAD	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.39375	9.85%
654	CHALIYAR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	3.01729	75.48%
655	CHEEKODE	0.83731	1.7143	0.28	0	0.93303	1.35	0.00	0.30	0.35922	5.77	1.14899	19.90%
656	CHELEMBRA	0	1.7143	0	1.7	0.93303	1.35	1.80	0.00	0	7.50	0	0.00%
657	CHERIYAMUNDAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
658	CHERUKAVU	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.71549	49.52%
659	CHOKKAD	0	1.7143	0	1.42	0.93303	1.35	1.50	0.00	0	6.92	0.17738	2.56%
660	CHUNGATHARA	0.83731	2.56288	0.28	0	0.93303	2.25	0.00	0.30	0.35922	7.52	0	0.00%
661	EDAKKARA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.01507	29.30%
662	EDAPATTA	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.17112	25.85%
663	EDAPPAL	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	0	0.00%
664	EDARIKODE	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
665	EDAVANNA	1.04664	2.28002	0.28	0	0.93303	1.85	0.00	0.30	0.44903	7.14	0	0.00%
666	EDAYUR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.55941	39.01%
667	ELAMKULAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	3.1053	77.68%
668	IRIMBILIYAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
669	KALADY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.41627	40.88%
670	KALIKAVU	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	3.20591	48.54%
671	KALPAKANCHERY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
672	KANNAMANGALAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
673	KARULAI	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.87922	83.11%

674	KARUVARAKUNDU	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	0	0.00%
675	KAVANNUR	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.03329	22.81%
676	KEEZHATTUR	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0.23771	5.25%
677	KEEZHUPARAMBA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.1482	33.14%
678	KODUR	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
679	KOOTILANGADI	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.1206	3.02%
680	KURUVA	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
681	KUTTIPPURAM	0	1.69716	0	0	0.93303	1.60	0.00	0.00	0	4.23	0.31143	7.36%
682	KUZHIMANNA	0	1.4143	0	0	0.93303	1.35	0.00	0.00	0	3.70	2.87906	77.87%
683	MAKKARAPARAMBU	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.70879	59.30%
684	MAMPAD	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
685	MANGALAM	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.64782	36.37%
686	MANKADA	0.83731	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.35922	5.47	0	0.00%
687	MARAKKARA	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
688	MARANCHERY	1.25597	2.28002	0.28	0	0.93303	1.85	0.00	0.30	0.53883	7.44	5.1759	69.59%
689	MELATTUR	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	0	0.00%
690	MOONNIYUR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
691	MOORKANAD	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.82803	20.71%
692	MOOTHEDAM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.16138	62.39%
693	MORAYUR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
694	MUTHUVALLUR	0	1.13144	0	0	0.93303	1.10	0.00	0.00	0	3.16	0.15989	5.05%
695	NANNAMBRA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
696	NANNAMUKKU	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
697	NIRAMARUTHUR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
698	OORAKAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
699	OTHUKKUNGAL	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0.305	6.73%
700	OZHUR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0.46189	9.12%

701	PALLIKKAL	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
702	PANDIKKAD	0	2.84574	0	0	0.93303	2.35	0.00	0.00	0	6.13	0.85078	13.88%
703	PARAPPUR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
704	PERUMANNA KLARI	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	3.00374	86.70%
705	PERUMBADAPPU	0	2.28002	0	0	0.93303	1.90	0.00	0.00	0	5.11	1.81093	35.42%
706	PERUVALLUR	1.04664	1.4143	0.28	1.12	0.93303	1.35	1.20	0.30	0.44903	8.09	0.21955	2.71%
707	PONMALA	0	1.13144	0	0	0.93303	1.10	0.00	0.00	0	3.16	1.32742	41.95%
708	PONMUNDAM	0	1.43144	0	0.84	0.93303	1.10	0.90	0.00	0	5.20	0	0.00%
709	POOKKOTTUR	0.62798	1.43144	0.28	0	0.93303	1.10	0.00	0.30	0.26942	4.94	0	0.00%
710	PORUR	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
711	POTHUKAL	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.6614	19.09%
712	PULAMNTHOLE	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.39788	30.86%
713	PULIKKAL	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
714	PULPATTA	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	1.11722	22.07%
715	PURATHUR	0.83731	1.4143	0.28	1.4	0.93303	1.40	1.50	0.30	0.35922	8.42	8.16464	96.92%
716	PUZHAKKATTIRI	0.83731	1.4143	0.28	0.56	0.93303	1.35	0.60	0.30	0.35922	6.63	0.99367	14.98%
717	TANALUR	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.19955	26.48%
718	THALAKKAD	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
719	THAVANUR	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	3.13843	54.36%
720	THAZHEKKODU	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
721	THENHIPALAM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
722	THENNALA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
723	THIRUNAVAYA	0	2.84574	0	1.7	0.93303	2.40	1.80	0.00	0	9.68	5.68169	58.70%
724	THIRUVALI	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
725	THRIKKALANGODE	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
726	THUVUR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.83077	20.78%
727	TRIPRANGODE	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0.17997	3.97%

728	URNGATTIRI	0.41866	2.28002	0.28	0	0.93303	1.85	0.00	0.30	0.18	6.24	2.61396	41.88%
729	VALAVANNUR	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	0	0.00%
730	VALLIKKUNNU	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	0.71846	12.84%
731	VATTAMKULAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.44388	36.12%
732	VAZHAKKAD	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
733	VAZHAYUR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.51091	14.75%
734	VAZHIKKADAVU	0	2.56288	0	2.26	0.93303	2.10	2.40	0.00	0	10.26	4.31631	42.09%
735	VELIYANCODE	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
736	VENGARA	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	0.2825	4.89%
737	VETTATHUR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
738	VETOM	1.04664	1.4143	0.28	0	0.93303	1.40	0.00	0.30	0.44903	5.82	0	0.00%
739	WANDOOR	0	2.26288	0	1.96	0.93303	2.10	2.1	0.00	0	9.36	0	0.00%
	Sub Total	17.79288	168.19004	5.32	12.96	87.70482	138.15	13.80	5.70	7.63	457.25	86.37	18.89%
Kozhikode District													
740	ARIKULAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.69839	17.47%
741	ATHOLY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
742	AYANCHERY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
743	AZHIYUR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.85998	82.55%
744	BALUSSERY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.779	80.21%
745	CHAKKITTAPPARA	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
746	CHANGAROTH	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.03447	58.72%
747	CHATHAMANGALAM	0	1.99716	0	0	0.93303	1.65	0.00	0.00	0	4.58	3.94601	86.15%
748	CHEKKYADU	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.13576	4.71%
749	CHELANNUR	0.62798	1.14858	0	0	0.93303	0.80	0.00	0.00	0.26942	3.78	0.94805	25.09%
750	CHEMANCHERRY	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	4.40957	76.38%
751	CHENGOTTUKAVU G	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
752	CHERUVANNOOR	0	2.56288	0	0	0.93303	2.15	0.00	0.00	0	5.65	0	0.00%

753	CHORODE	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.96928	43.47%
754	EDACHERI	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.71675	49.55%
755	ERAMALA	1.04664	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.44903	6.31	0.22064	3.50%
756	KADALUNDI	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.70836	37.71%
757	KAKKODI	1.04664	1.7143	0	0	0.93303	1.35	0.00	0.00	0.44903	5.49	4.8355	88.03%
758	KAKKUR	0.83731	1.43144	0	0	0.93303	1.10	0.00	0.00	0.35922	4.66	2.51137	53.88%
759	KARASSERY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.89411	83.54%
760	KATTIPARA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
761	KAVILUMPARA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
762	KAYAKKODY	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.44853	50.27%
763	KAYANNA	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.22394	7.77%
764	KEEZHARIYUR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	2.08161	72.24%
765	KIZHAKOTH	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	3.53189	88.36%
766	KODENCHERY	2.09328	3.11146	0.28	0	0.93303	2.85	0.00	0.30	0.89806	10.47	0	0.00%
767	KODIYATHUR	0.62798	2.28002	0.28	0	0.93303	1.90	0.00	0.30	0.26942	6.59	0.05	0.76%
768	KOODARANHI	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.78794	69.75%
769	KOORACUNDU	0.62798	1.99716	0.28	0	0.93303	1.70	0.00	0.30	0.26942	6.11	0	0.00%
770	KOOTHALI	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	1.30161	55.42%
771	KOTTUR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.05553	26.41%
772	KUNNAMANGALAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.40028	10.01%
773	KUNNUMMAL	0.62798	0.84858	0.28	0	0.93303	0.80	0.00	0.30	0.26942	4.06	3.70342	91.24%
774	KURUVATTUR	0	1.7143	0	0	0.93303	1.30	0.00	0.00	0	3.95	1.63258	41.36%
775	KUTTIADY	0.62798	1.13144	0	0	0.93303	1.10	0.00	0.00	0.26942	4.06	0	0.00%
776	MADAVOOR	0.83731	1.43144	0	0	0.93303	1.10	0.00	0.00	0.35922	4.66	2.61489	56.10%
777	MANIYUR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	2.54149	50.20%
778	MARUTHONKARA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
779	MAVOOR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%

780	MEPPAYUR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
781	MOODADI	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.91626	22.92%
782	NADAPURAM	0	1.4143	0	0	0.93303	1.30	0.00	0.00	0	3.65	0	0.00%
783	NADUVANNUR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
784	NANMINDA	1.04664	1.7143	0	0	0.93303	1.35	0.00	0.00	0.44903	5.49	1.05754	19.25%
785	NARIKKUNI	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	0	0.00%
786	NARIPPATTA	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.31	8.95%
787	NOCHAD	0	1.43144	0	0	0.93303	1.05	0.00	0.00	0	3.41	2.38191	69.76%
788	OLAVANNA	1.25597	1.98002	0.28	0	0.93303	1.85	0.00	0.30	0.53883	7.14	0	0.00%
789	OMASSERY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
790	ONCHIYAM	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.25927	27.80%
791	PANANGHAD	0	2.28002	0	0	0.93303	1.95	0.00	0.00	0	5.16	2.08219	40.33%
792	PERAMBRA	0	1.4143	0	0	0.93303	1.35	0.00	0.00	0	3.70	0	0.00%
793	PERUMANNA	0	0.84858	0	0	0.93303	0.80	0.00	0.00	0	2.58	0	0.00%
794	PERUVAYAL	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
795	PURAMERI	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
796	PUTHUPPADY	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	0	0.00%
797	THALAKKULATHUR	1.04664	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.44903	6.31	0	0.00%
798	THAMARASSERY	0	1.4143	0	0	0.93303	1.35	0.00	0.00	0	3.70	0	0.00%
799	THIKKODI	0.83731	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.35922	5.47	3.37635	61.68%
800	THIRUVALLUR	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	0	0.00%
801	THIRUVAMBADY	0	2.26288	0	0	0.93303	2.10	0.00	0.00	0	5.30	0	0.00%
802	THURAYUR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
803	TUNERI	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	3.87035	134.31%
804	ULLIYERI	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	0	0.00%
805	UNNIKULAM	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	0.44558	7.96%
806	VALAYAM	0.62798	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.26942	4.64	0	0.00%

807	VANIMEL	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.24654	35.98%
808	VELOM	0	1.13144	0	0	0.93303	1.10	0.00	0.00	0	3.16	2.12984	67.30%
809	VILLIAPPALLY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.5	37.53%
	Sub Total	18.00218	112.33812	3.64	0	65.3121	92.15	0.00	3.90	7.72	303.07	77.62	25.61%
Wayanad District													
810	AMBALAVAYAL	1.67462	2.26288	0.28	0	0.93303	2.10	0.00	0.30	0.71845	8.27	8.25338	99.81%
811	EDAVAKA	0.20933	2.56288	0.28	0	0.93303	2.10	0.00	0.30	0.08981	6.48	4.66601	72.06%
812	KANIYAMBETTA	0	2.84574	0	0	0.93303	2.35	0.00	0.00	0	6.13	0	0.00%
813	KOTTATHARA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.61816	15.46%
814	MEENANGDY	1.88395	2.54574	0.28	0	0.93303	2.40	0.00	0.30	0.80825	9.15	0	0.00%
815	MEPPADY	2.51193	3.67718	0.28	0	0.93303	3.35	0.00	0.30	1.07767	12.13	0	0.00%
816	MOOPPAINAD	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	4.99125	98.58%
817	MULLANKOLLY	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
818	MUTTIL	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	0	0.00%
819	NENMENY	0	3.41146	0	0	0.93303	2.85	0.00	0.00	0	7.19	0	0.00%
820	NOOLPUZHA	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	2.32184	45.86%
821	PADINJARATHARA	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
822	PANAMARAM	1.46529	2.54574	0.28	0	0.93303	2.35	0.00	0.30	0.62864	8.50	0	0.00%
823	POOTHADY	0	3.1286	0	0	0.93303	2.60	0.00	0.00	0	6.66	0	0.00%
824	POZHUTHANA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.09805	2.45%
825	PULPPALLY	0.83731	2.84574	0.28	0	0.93303	2.32	0.00	0.30	0.35922	7.88	6.51116	82.68%
826	THARIODE	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	0	0.00%
827	THAVINJAL	1.04664	2.84574	0.28	0	0.93303	2.35	0.00	0.30	0.44903	8.20	1.46478	17.85%
828	THIRUNELLY	0	2.84574	0	0	0.93303	2.45	0.00	0.00	0	6.23	0	0.00%
829	THONDERNAD	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	1.79241	35.40%
830	VELLAMUNDA	1.25597	2.56288	0.28	0	0.93303	2.10	0.00	0.30	0.53883	7.97	1.59712	20.04%
831	VENGAPALLY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.58206	16.80%

832	VYTHIRI	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	3.50807	69.29%
	Sub Total	11.93168	56.59766	2.52	0	21.45969	47.67	0.00	2.70	5.12	148.00	36.40	24.60%
Kannur District													
833	ALAKKODE	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.4315	31.60%
834	ANJARAKKANDY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.4315	41.32%
835	ARALAM	1.04664	1.99716	0.28	0	0.93303	1.65	0.00	0.30	0.44903	6.66	0	0.00%
836	AYYANKUNNU	0	2.84574	0	0	0.93303	2.45	0.00	0.00	0	6.23	2.36348	37.94%
837	AZHIKODE	1.46529	1.98002	0.28	0	0.93303	1.80	0.00	0.30	0.62864	7.39	0	0.00%
838	CHAPPARAPADAVU	0.62798	1.99716	0.28	0	0.93303	1.60	0.00	0.30	0.26942	6.01	1.76	29.30%
839	CHEMBILODU	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	4.19744	72.71%
840	CHENGALAYI	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
841	CHERUKUNNU	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.45	50.32%
842	CHERUPUZHA	0	2.8286	0	0	0.93303	2.60	0.00	0.00	0	6.36	4.82092	75.78%
843	CHERUTHAZHAM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
844	CHIRAKKAL	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0.84716	16.73%
845	CHITTATIPARAMBA	0.41866	2.28002	0.56	0	0.93303	1.85	0.00	0.60	0.17961	6.82	0	0.00%
846	CHOKLI	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.7	67.55%
847	DHARMADAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.6	55.52%
848	ERAMAM KUTTUR	0	3.1286	0	0	0.93303	2.60	0.00	0.00	0	6.66	2.47118	37.10%
849	ERANHOLI GP	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0.755	21.79%
850	ERUVESY	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
851	EZHOME	0	5.39148	0	0	0.93303	4.70	0.00	0.00	0	11.02	0	0.00%
852	IRIKKUR	0	0.84858	0	0	0.93303	0.80	0.00	0.00	0	2.58	1.53846	59.59%
853	KADAMBUR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.59994	55.52%
854	KADANNAPPALY PANAPUZHA	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.11992	28.02%
855	KALLIASSERY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.2	63.50%
856	KANICHAR	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	2.89656	63.94%

857	KANKOL ALAPADAMPA	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.59978	55.52%
858	KANNAPURAM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
859	KARIVELLUR PERALAM	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	3.508	71.00%
860	KATHIROOR	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	0	0.00%
861	KEEZHALLUR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
862	KELAKAM	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.27534	28.15%
863	KOLACHERY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.57024	45.32%
864	KOLAYAD	0	1.13144	0	0	0.93303	1.10	0.00	0.00	0	3.16	2.2	69.52%
865	KOODALI	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.22006	42.34%
866	KOTTAYAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.6	55.52%
867	KOTTIYUR	0	2.28002	0	0	0.93303	1.90	0.00	0.00	0	5.11	3.7751	73.83%
868	KUNHIMANGALAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.66	66.54%
869	KUNNOTHUPARAMB A	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.7	67.55%
870	KURUMATHUR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.5476	19.00%
871	KUTTIATTOOR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
872	MADAYI	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	1.9472	38.46%
873	MALAPPATTAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.06928	2.40%
874	MALLOOR	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.59058	55.20%
875	MANGATTIDAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0.8	20.01%
876	MATTOOL	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.64738	47.55%
877	MAYYIL	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	0	0.00%
878	MOKERI	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	1.6	55.52%
879	MUNDERI	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.49998	37.52%
880	MUZHAKUNNU	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
881	MUZHUPPILANGAD	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.59864	20.77%

882	NADUVIL	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	2.35884	52.07%
883	NARATH	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.57874	45.57%
884	NEW MAHE	0	0.56572	0	0	0.93303	0.60	0.00	0.00	0	2.10	0	0.00%
885	PADIYOOR	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	0	0.00%
886	PANNIYANNOOR	0	1.14858	0.28	0	0.93303	0.80	0.00	0.30	0	3.46	0.52664	15.21%
887	PAPPINISSERY	0.83731	1.13144	0.28	0	0.93303	1.10	0.00	0.30	0.35922	4.94	1.47064	29.76%
888	PARIYARAM	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	0	0.00%
889	PATTIAM	0.83731	1.43144	0.56	0	0.93303	1.10	0.00	0.60	0.35922	5.82	3.3136	56.92%
890	PATTUVAM	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0.75648	26.25%
891	PAYAM	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.68918	67.27%
892	PAYYAVOOR	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	1.96	38.71%
893	PERALASSERY	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	1.6	46.18%
894	PERAVOOR	0	0.56572	0	0	0.93303	0.55	0.00	0.00	0	2.05	0.239	11.67%
895	PERINGOME VAYAKKARA	0	2.54574	0	0	0.93303	2.35	0.00	0.00	0	5.83	3.2558	55.86%
896	PINARAYI	1.25597	1.69716	0.28	0	0.93303	1.60	0.00	0.30	0.53883	6.60	0	0.00%
897	RAMANTHALI	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	2.7	67.55%
898	THILLENKERI	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	0	0.00%
899	THRIPPANGOTTUR	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	3.2	70.64%
900	UDAYAGIRI	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	0	0.00%
901	ULIKKAL	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	0	0.00%
902	VALAPATTANAM	0	0.86572	0	0	0.93303	0.55	0.00	0.00	0	2.35	0.81032	34.50%
903	VENGAD	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
	Sub Total	9.21042	118.1153	3.64	0	66.24513	95.20	0.00	3.90	3.95	300.26	94.05	31.32%
Kasargod District													
904	AJANUR	0	3.1286	0	0	0.93303	2.70	0.00	0.00	0	6.76	3.80736	56.31%
905	BADIADKA	1.67462	2.56288	0.28		0.93303	2.10	0.00	0.30	0.71845	8.57	1.1035	12.88%
906	BALAL	0.20933	2.28002	0.28	0	0.93303	1.85	0.00	0.30	0.08981	5.94	0.84	14.14%

907	BEDADKA				2.24	0.93303	0.00	2.4	0.00	0	5.57	5.57303	100.00 %
908	BELLUR	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.09358	60.43%
909	CHEMNAD	0	2.56288	0	0	0.93303	2.20	0.00	0.00	0	5.70	5.66591	99.47%
910	CHENGALA	0.20933	1.99716	0	0	0.93303	1.65	0.00	0.00	0.08981	4.88	0	0.00%
911	CHERUVATHUR	1.04664	1.7143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	6.07	2.07141	34.11%
912	DELAMPADY	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0	0.00%
913	EAST ELERI	0.20933	2.56288	0	0	0.93303	2.15	0.00	0.00	0.08981	5.95	4.79796	80.71%
914	ENMAKAJE	0	2.84574	0	0	0.93303	2.35	0.00	0.00	0	6.13	0	0.00%
915	KALLAR	0	1.4143	0	0	0.93303	1.35	0.00	0.00	0	3.70	2.64945	71.66%
916	KARADUKA	0.20933	5.10862	0	0	0.93303	4.40	0.00	0.00	0.08981	10.74	6.6749	62.15%
917	KAYYUR-CHEEMENI	0	2.56288	0	0	0.93303	2.15	0.00	0.00	0	5.65	3.97995	70.49%
918	KINANOR- KARINTHALAM	0.20933	1.7143	0	0	0.93303	1.40	0.00	0.00	0.08981	4.35	4.34639	100.00 %
919	KODOM-BELUR	0.20933	2.84574	0	0	0.93303	2.40	0.00	0.00	0.08981	6.48	2.05433	31.71%
920	KUMBADAJE	0.20933	1.7143	0	0	0.93303	1.35	0.00	0.00	0.08981	4.30	1.19482	27.81%
921	KUMBALA	0.62798	2.28002	0.28	0	0.93303	1.90	0.00	0.30	0.26942	6.59	1.10485	16.76%
922	KUTTIKOL	0	2.56288	0	0	0.93303	2.10	0.00	0.00	0	5.60	0	0.00%
923	MADHUR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.22451	30.63%
924	MADIKAI	0	2.28002	0	0	0.93303	1.85	0.00	0.00	0	5.06	0.95146	18.79%
925	MANGALPADY	0	1.69716	0	0	0.93303	1.55	0.00	0.00	0	4.18	0	0.00%
926	MANJESWARAM	1.04664	1.4143	0.28	0	0.93303	1.35	0.00	0.30	0.44903	5.77	2.65486	45.99%
927	MEENJA	0	1.14858	0	0	0.93303	0.80	0.00	0.00	0	2.88	0	0.00%
928	MOGRAL PUTHUR	0.20933	1.14858	0	0	0.93303	0.85	0.00	0.00	0.08981	3.23	1.50313	46.53%
929	MULIYAR			0.28	1.12	0.93303	0.00	1.20	0.30	0	3.83	0	0.00%
930	PADNE	0	1.43144	0	0	0.93303	1.10	0.00	0.00	0	3.46	2.35777	68.06%
931	PAIVALIGE	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	1.6	35.32%
932	PALLIKARE	0	1.99716	0	0	0.93303	1.60	0.00	0.00	0	4.53	4.25491	93.92%

933	PANATHADY	0.20933	2.56288	0	0	0.93303	2.15	0.00	0.00	0.08981	5.95	5.72821	96.35%
934	PILICODE	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.628	40.73%
935	PULLUR PERYA	1.25597	2.54574	0.28	0	0.93303	1.35	0.00	0.30	0.53883	7.20	2.33894	32.47%
936	PUTHIGE	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	0	0.00%
937	TRIKARIPUR	0	1.7143	0	0	0.93303	1.35	0.00	0.00	0	4.00	1.42799	35.72%
938	UDUMA	0	2.56288	0	0	0.93303	2.15	0.00	0.00	0	5.65	3.43878	60.91%
939	VALIYAAPARAMBA	0	1.14858	0	0	0.93303	0.85	0.00	0.00	0	2.93	2.93161	100.00%
940	VORKADY	0	1.14858	0	0	0.93303	0.85	0.00	0.00	0	2.93	1.48251	50.57%
941	WEST ELERI	0.62798	2.84574	0	0	0.93303	2.35	0.00	0.00	0.26942	7.03	6.71315	95.54%
Sub Total		8.1638	76.35496	1.96	3.36	35.45514	62.15	3.60	2.10	3.50	196.65	88.19	44.85%
Grand Total		299.76	1601.46	66.08	34.32	877.98	1313.46	38.70	70.8	129.5	4432.06	1286.0	29.01%

Source: Computed and Compiled based on the Primary and Secondary Data Sources from Gram Panchayats

Appendix No.2: Allocation and Utilisation of Health Grants among Block Panchayats (Rs. in Lakhs)

Sl. No	Name of the Block Panchayats	Total Allocation	Total Expenditure	% of Expenditure
Thiruvananthapuram District				
1	Varkala	25.50	5.40	21.17%
2	Vellanad	25.50	4.97	19.49%
3	Pothencode	25.50	3.96	15.52%
4	Nemom	25.50	15.37	60.27%
5	Perumkadavila	25.50	7.51	29.46%
	Sub Total	127.50	37.21	29.18%
Kollam District				
6	Sasthamcotta	25.50	0.00	0.00%
7	Vettikkavala	25.50	12.89	50.55%
8	Anchal	25.50	9.32	36.56%
9	Chavara	25.50	6.99	27.43%
10	Chadayamangalam	25.50	7.69	30.18%
	Sub Total	127.50	36.90	28.94%
Pathanamthitta District				
11	Pulikeezhu	25.50	5.63	22.06%
12	Koipuram	25.50	5.80	22.76%
13	Elanthur	25.50	8.53	33.43%
14	Pandalam	25.50	13.22	51.84%
15	Parakkode	25.50	14.37	56.37%
	Sub Total	127.50	47.55	37.29%
Alappuzha District				
16	Kanjikuzhi	25.50	4.84	18.96%
17	Ambalapuzha	25.50	21.94	86.03%
18	Harippad	25.50	25.28	99.15%

19	Mavelikkara	25.50	19.40	76.06%
20	Muthukulam	25.50	17.78	69.71%
	Sub Total	127.50	89.23	69.98%
Kottayam District				
21	Ettumanoor	25.50	2.78	10.89%
22	Erattupetta	25.50	7.00	27.45%
23	Vazhoor	25.50	11.59	45.46%
24	Kanjirapally	25.50	0.00	0.00%
	Sub Total	102.00	21.37	20.95%
Idukki District				
25	Adimaly	25.50	2.53	9.94%
26	Elamdesom	25.50	5.31	20.84%
27	Idukki	25.50	11.38	44.63%
28	Thodupuzha	25.50	17.71	69.47%
29	Azhutha	25.50	0.00	0.00%
	Sub Total	127.50	36.94	28.97%
Ernakulam District				
30	Paravur	25.50	18.05	70.79%
31	Koovappady	25.50	8.21	32.20%
32	Vazhakkulam	25.50	3.33	13.05%
33	Vypin	25.50	7.72	30.28%
34	Vadavucode	25.50	17.54	68.78%
35	Parakkadavu	25.50	15.38	60.31%
36	Muvattupuzha	25.50	3.43	13.45%
37	Vazhakulam	25.50	4.06	15.93%
	Sub Total	204.00	77.72	38.10%
Thrissur District				
38	Pazhayannur	25.50	7.75	30.40%
39	Ollukkara	25.50	3.70	14.52%

40	Mullassery	25.50	7.03	27.55%
41	Kodakara	25.50	17.74	69.57%
42	Vellangallur	25.50	25.50	100.00%
43	Mala	25.50	23.84	93.48%
	Sub Total	153.00	85.56	55.92%
Palakkad district				
44	Sreekrishnapuram	25.50	15.22	59.70%
45	Mannarkkad	25.50	12.60	49.40%
46	Attappady	25.50	5.00	19.61%
47	Palakkad	25.50	21.43	84.02%
48	Kuzhalmannam	25.50	4.87	19.09%
49	Alathur	25.50	16.59	65.04%
	Sub Total	153.00	75.70	49.48%
Malappuram District				
50	Nilambur	25.50	18.88	74.06%
51	Kalikavu	25.50	0.00	0.00%
52	Areekkode	25.50	23.41	91.79%
53	Malappuram	25.50	0.90	3.53%
54	Mankada	25.50	4.02	15.77%
55	Tirurangady	25.50	13.39	52.51%
	Sub Total	153.00	60.60	39.61%
Kozhikode District				
56	Vadakara	25.50	7.38	28.93%
57	Kunnummal	25.50	8.42	33.00%
58	Thodannur	25.50	2.61	10.25%
59	Balussery	25.50	13.48	52.86%
60	Chelannur	25.50	19.99	78.38%
61	Kozhikkode	25.50	6.03	23.65%
	Sub Total	153.00	57.90	37.85%

Wayanad District				
62	Mananthavady	25.50	8.02	31.44%
63	Panamaram	25.50	13.58	53.27%
64	Sulthanbathery	25.50	21.85	85.70%
65	Kalpetta	25.50	15.28	59.92%
	Sub Total	102.00	58.74	57.58%
Kannur District				
66	Irikkur	25.50	7.40	29.01%
67	Kannur	25.50	15.77	61.82%
68	Edakkad	25.50	21.35	83.71%
69	Panoor	25.50	0.00	0.00%
70	Iritty	25.50	12.21	47.87%
	Sub Total	127.50	56.72	44.48%
Kasargod District				
71	Manjewswaram	25.50	0.37	1.47%
72	Karadka	25.50	3.81	14.93%
73	Kasargod	25.50	5.01	19.64%
74	Kanhangad	25.50	10.52	41.25%
75	Neeleswaram	25.50	12.37	48.52%
	Sub Total	127.50	32.08	25.16%
	Grand Total	1912.50	774.21	40.48%

Source: Computed and Compiled based on the Primary and Secondary Data Sources from the Block Panchayats.

Appendix No.3. Allocation and Utilisation of Health Grants among Municipalities in Kerala(Rs.in Lakhs)

Sl. No	Name of the Municipalities	Allocation for						Total Allocation	Total Expenditure	%
		1.Diagnostic Infrastructure to the Primary Health Care Facilities in Urban PHCs				2.Construction of Health and Wellness Centres				
		Date	Amount	Date	Amount	Date	Amount			
Thiruvananthapuram District										
1.	Attingal	08-07-2022	50.00	03-08-2022	32	29-04-2023	86.05	168.05	0	0
2.	Neyyattinkara	08-07-2022	150.00	03-08-2022	116	29-04-2023	34.72	300.72	7.98	2.65
3.	Nedumangadu	08-07-2022	75.00	03-08-2022	58	29-04-2023	28.94	161.94	0	0
4.	Varkala	08-07-2022	75.00	03-08-2022	48	29-04-2023	236.325	359.325	0	0
Sub Total			350.00		254		386.04	990.04	7.98	0.81
Kollam District										
5.	Punalur	08-07-2022	75.00	03-08-2022	58	29-04-2023	88.94	221.94	0	0
6.	Paravoor	08-07-2022	50.00	03-08-2022	32	29-04-2023	28.94	110.94	0	0
7.	Kottarakara	08-07-2022	50.00	03-08-2022	32	29-04-2023	233.44	315.44	0	0
8.	Karunagapally	08-07-2022	75.00	03-08-2022	48	29-04-2023	88.94	211.94	0	0
Sub Total			250		170		440.26	860.26	0	0
Pathanamthitta District										
9.	Adoor	08-07-2022	50.00	03-08-2022	32	29-04-2023	133.94	215.94	0	0
10.	Pandalam	08-07-2022	50.00	03-08-2022	32	29-04-2023	28.94	110.94	5.33	4.80
11.	Pathanamthitta	08-07-2022	75.00	03-08-2022	58	29-04-2023	217.78	350.78	0	0
12.	Thiruvalla	08-07-2022	75	03-08-2022	58	29-04-2023	194.22	327.22	0	0
Sub Total			250		180		574.88	1004.88	5.33	0.53
Alappuzha District										
13.	Alappuzha	08-07-2022	300	03-08-2022	222	29-04-2023	163.56	685.56	1.57	0.23
14.	Cherthala	08-07-2022	75	03-08-2022	48	29-04-2023	88.94	211.94	5.30	2.50
15.	Chengannur	08-07-2022	50	03-08-2022	32	29-04-2023	26.05	108.05	0	0.00
16.	Haripad	08-07-2022	50	03-08-2022	32	29-04-2023	86.05	168.05	0	0.00
17.	Mavelikkara	08-07-2022	50	03-08-2022	32	29-04-2023	128.44	210.44	0	0.00

18.	Kayamkulam	08-07-2022	75	03-08-2022	58	29-04-2023	133.94	266.94	5.91	2.21
Sub Total			600		424		626.98	1650.98	12.78	0.77
Kottayam District										
19.	Changanasseri	08-07-2022	75	03-08-2022	58	29-04-2023	191.325	324.325	17.34	5.35
20.	Erattupetta	08-07-2022	50	03-08-2022	32	29-04-2023	28.94	110.94	0	0.00
21.	Ettumanoor	08-07-2022	50	03-08-2022	32	29-04-2023	28.94	110.94	12.94	11.66
22.	Kottayam	08-07-2022	150	03-08-2022	116	29-04-2023	220.67	486.67	0	0.00
23.	Pala	08-07-2022	50	03-08-2022	32	29-04-2023	131.05	213.05	0	0.00
24.	Vaikam	08-07-2022	50	03-08-2022	32	29-04-2023	26.05	108.05	0	0.00
Sub Total			425		302		626.975	1353.96	30.28	2.23
Idukki District										
25.	Kattappana	08-07-2022	75	03-08-2022	58	29-04-2023	236.32	369.32	0	0
26.	Thodupuzha	08-07-2022	75	03-08-2022	58	29-04-2023	214.89	347.89	0	0
Sub Total			150		116		451.22	717.22	0	0
Ernakulam District										
27.	Aluva	08-07-2022	50	03-08-2022	32	29-04-2023	26.05	108.05	0	0.00
28.	Ankamali	08-07-2022	50	03-08-2022	32	29-04-2023	86.05	168.05	23.76	14.14
29.	Eloor	08-07-2022	50	03-08-2022	32	29-04-2023	28.94	110.94	0	0.00
30.	Kalamassery	08-07-2022	75	03-08-2022	58	29-04-2023	31.83	164.83	0	0.00
31.	Koothattukulam	08-07-2022	50	03-08-2022	32	29-04-2023	28.94	110.94	0	0.00
32.	Kothamangalam	08-07-2022	50	03-08-2022	32	29-04-2023	26.05	108.05	11.70	10.83
33.	Maradu	08-07-2022	50	03-08-2022	32	29-04-2023	31.83	113.83	0	0.00
34.	Muvatupuzha	08-07-2022	50	03-08-2022	32	29-04-2023	71.05	153.05	40.12	26.21
35.	North paravur	08-07-2022	50	03-08-2022	32	29-04-2023	131.05	213.05	5.78	2.71
36.	Perumbavoor	08-07-2022	50	03-08-2022	32	29-04-2023	26.05	108.05	3.32	3.07
37.	Piravom	08-07-2022	50	03-08-2022	32	29-04-2023	26.05	108.05	0	0.00
38.	Thrikkakara	08-07-2022	75	03-08-2022	58	29-04-2023	34.72	167.72	0	0.00
39.	Thripunithura	08-07-2022	75	03-08-2022	58	29-04-2023	97.61	230.61	4.99	2.16
Sub Total			725		494		646.22	1865.22	89.67	4.81

Thrissur District										
40.	Chalaky	08-07-2022	75	03-08-2022	58	29-04-2023	88.94	221.94	31.64	14.26
41.	Chavakad	08-07-2022	50	03-08-2022	32	29-04-2023	71.05	153.05	9.00	5.88
42.	Guruvayoor	08-07-2022	75	03-08-2022	58	29-04-2023	34.72	167.72	0	0.00
43.	Irinjalakuda	08-07-2022	50	03-08-2022	32	29-04-2023	28.94	110.94	0	0.00
44.	Kodungallur	08-07-2022	75	03-08-2022	58	29-04-2023	194.22	327.22	0	0.00
45.	Kunnamkulam	08-07-2022	75	03-08-2022	58	29-04-2023	31.83	164.83	0	0.00
46.	Wadakkancherry	08-07-2022	50	03-08-2022	32	29-04-2023	28.94	110.94	10.86	9.79
Sub Total			450		328		478.64	1256.64	51.5	4.10
Palakkad District										
47.	Cherppulassery	08-07-2022	50	03-08-2022	32	29-04-2023	28.96	110.96	0	0
48.	Chittoor Thathamangalam	08-07-2022	50	03-08-2022	32	29-04-2023	86.05	168.05	1.75	1.04
49.	Mannarkad	08-07-2022	50	03-08-2022	32	29-04-2023	86.05	168.05	0	0
50.	Ottappalam	08-07-2022	75	03-08-2022	58	29-04-2023	136.83	269.83	0	0
51.	Palakkad	08-07-2022	225	03-08-2022	174	29-04-2023	265.946	664.946	0	0
52.	Pattambi	08-07-2022	50	03-08-2022	32	29-04-2023	26.05	108.05	0	0
53.	Shornur	08-07-2022	75	03-08-2022	58	29-04-2023	31.83	164.83	0	0
Sub Total			575		418		661.72	1654.716	1.75	0.11
Malappuram District										
54.	Malappuram	08-07-2022	75	03-08-2022	58	29-04-2023	109.89	242.89	0	0.00
55.	Manjery	08-07-2022	150	03-08-2022	116	29-04-2023	31.83	297.83	4.00	1.34
56.	Nilambur	08-07-2022	75	03-08-2022	58	29-04-2023	131.325	264.325	0	0.00
57.	Kondotty	08-07-2022	75	03-08-2022	58	29-04-2023	88.94	221.94	0	0.00
58.	Kottakkal	08-07-2022	75	03-08-2022	58	29-04-2023	31.83	164.83	12.54	7.61
59.	Parappanagadi	08-07-2022	75	03-08-2022	58	29-04-2023	34.72	167.72	14.00	8.35
60.	Perinthalmanna	08-07-2022	75	03-08-2022	58	29-04-2023	28.94	161.94	0	0.00
61.	Ponnani	08-07-2022	150	03-08-2022	116	29-04-2023	94.72	360.72	5.62	1.56
62.	Thanur	08-07-2022	75	03-08-2022	58	29-04-2023	31.83	164.83	31.04	18.83
63.	Thirurangadi	08-07-2022	75	03-08-2022	58	29-04-2023	133.94	266.94	0	0.00
64.	Tirur	08-07-2022	75	03-08-2022	58	29-04-2023	73.94	206.94	0	0.00

65.	Valancheri	08-07-2022	75	03-08-2022	48	29-04-2023	31.83	154.83	1.95	1.26
Sub Total			1050		802		823.74	2675.74	69.15	2.58
Kozhikode District										
66.	Feroke	08-07-2022	75	03-08-2022	48	29-04-2023	88.94	211.94	0	0
67.	Koduvally	08-07-2022	50	03-08-2022	32	29-04-2023	28.94	110.94	0	0
68.	Koyilandy	08-07-2022	75	03-08-2022	58	29-04-2023	88.94	221.94	0	0
69.	Mukkam	08-07-2022	50	03-08-2022	32	29-04-2023	28.94	110.94	1.54	1.39
70.	Payyoli	08-07-2022	75	03-08-2022	58	29-04-2023	31.83	164.83	0	0
71.	Ramanattukara	08-07-2022	50	03-08-2022	32	29-04-2023	28.94	110.94	0	0
72.	Vatakara	08-07-2022	75	03-08-2022	58	29-04-2023	136.83	269.83	0.36	0.13
Sub Total			450		318		433.36	1201.36	1.9	0.16
Wayanad District										
73.	Kalpetta	08-07-2022	75	03-08-2022	32	29-04-2023	169.89	276.89	13.45	4.86
74.	Mananthavadi	08-07-2022	50	03-08-2022	58	29-04-2023	73.94	181.94	0	0.00
75.	Sulthan Batheri	08-07-2022	75	03-08-2022	48	29-04-2023	239.215	362.215	7.50	2.07
Sub Total			200		138		483.05	821.045	20.95	2.55
Kannur district										
76.	Aanthoor	08-07-2022	75	03-08-2022	48	29-04-2023	34.72	157.72	0	0
77.	Iritty	08-07-2022	50	03-08-2022	32	29-04-2023	86.05	168.05	0	0
78.	Koothuparamba	08-07-2022	75	03-08-2022	48	29-04-2023	191.325	314.325	0	0
79.	Mattannur	08-07-2022	75	03-08-2022	58	29-04-2023	31.83	164.83	0	0
80.	Panoor	08-07-2022	75	03-08-2022	58	29-04-2023	37.61	170.61	0	0
81.	Payyannur	08-07-2022	75	03-08-2022	58	29-04-2023	28.94	161.94	0	0
82.	Sreekandapuram	08-07-2022	50	03-08-2022	32	29-04-2023	28.94	110.94	0	0
83.	Thalassery	08-07-2022	75	03-08-2022	58	29-04-2023	31.83	164.83	0	0
84.	Thaliparamba	08-07-2022	75	03-08-2022	58	29-04-2023	133.94	266.94	0	0
Sub Total			625		450		605.185	1680.185	0	0
Kasaragod District										
85.	Kasaragod	08-07-2022	75	03-08-2022	58	29-04-2023	214.89	347.89	0	0
86.	Kanhangad	08-07-2022	75	03-08-2022	58	29-04-2023	191.325	324.325	2.20	0.68

87.	Nileswaram	08-07-2022	75	03-08-2022	58	29-04-2023	136.83	269.83	0	0
Sub Total			225		174		543.045	942.045	2.20	0.23
Grand Total			6325		4568		7781.315	18674.291	293.49	1.57

Source: Computed and Compiled based on the Primary and Secondary Data Sources from the Municipalities.

Appendix No.4. Allocation and Utilisation of Health Grants among the Corporations in Kerala (Rs.in Lakhs)

Sl. No	Name of the Corporations	Allocation for						Total Allocation	Total Expenditure	%
		Diagnostic Infrastructure to the Primary Health Care Facilities in Urban PHCs				Construction of Health and Wellness Centre				
		Date	Amount	Date	Amount	Date	Amount			
1.	Thiruvananthapuram	08-07-2022	1100	03-08-2022	844	29-04-2023	345.02	2289	0	0
2.	Kollam	08-07-2022	225	03-08-2022	174	29-04-2023	201.17	600.17	0	0
3.	Kochi	08-07-2022	950	03-08-2022	728	29-04-2023	301.945	1979.95	18.78	0.95
4.	Thrissur	08-07-2022	225	03-08-2022	174	29-04-2023	261.17	660.17	0	0
5.	Kozhikode	08-07-2022	600	03-08-2022	464	29-04-2023	344.055	1408.06	0	0
6.	Kannur	08-07-2022	75	03-08-2022	58	29-04-2023	195.39	328.39	0	0
Grand Total			3175		2442		1648.75	7265.75	18.78	0.26

Source: Computed and compiled based on the Primary and Secondary Data Sources from Corporations

NOTES

¹ In the post-pandemic period, also there has only been a slight increase with the Indian government spending 2.1 per cent of the GDP on healthcare (Dutta, 2023) while Brazil spends the most (9.6%), followed by South Africa (9.1%), Russia (5.7%) and China (5.3%).

² There are also criticisms that the central government funding in general is based on demographic performance of the states and it largely ignores the element of “economic efficiency” of the healthcare system (Majumdar, 2023). This criticism is also applicable while recommending the health grants under the 15th UFC.

³ Published in Indian Public Policy Review (2022, 3(3): 59-79)

⁴ Narayana is the former director, Gulati Institute of Finance and Taxation (GIFT), Thiruvanthapuram, Kerala.

Paper was presented by Narayana at the International Webinar on Grassroots Participation and Local Development: Learnings from the 'People's Plan Campaign' in Kerala (India) and 'Batho Pele Initiative' in South Africa on May 26, 2022.

⁵ These fund transfers were earlier governed by stipulations and conditions imposed by the union government, which may not be based strictly or solely on the recommendations of the FC. However, the 14th UFC made it clear that “...there is a need to trust and have respect for local bodies as institutions of local self-government, and that no more conditions may be imposed by either the union or the state government, which go beyond those made by the 14th FC”. The 14th UFC also clarified that “no further conditions should be imposed by either the Union or the States in this regard”. However, these recommendations were not followed in letter and spirit by both Ministry of Finance (MoF) and Ministry of Panchayati Raj (MoPR) and state governments, and this has led to “Mission Creep”. For instance, the introduction of Gram Panchayat Development Plan (GPDP) as a necessary condition for the receipt of 14th UFC funds have undermined the recommendations of the Commission. “There has been ‘Mission Creep’ by the MoF and MoPR through the imposition of more conditionalities upon Panchayats and States, over and above those suggested by the FC” (Centre for Policy Research, 2019).

⁶ For instance, Kerala merged the Plan Funds allocated to local governments by the state government and funds earmarked by the 14th UFC (under the name ‘Development Funds’). Thus, the 14th UFC grants were subjected to rigid conditionalities imposed by the Government of Kerala. As a result, these funds were transferred to the treasury accounts of the Gram Panchayats in Kerala instead of depositing them in the bank accounts of each Panchayat. It resulted in an inordinate delay in the release of funds, and the Panchayats lost the grants and interest rate which would have been accumulated on them. This is an explicit violation of the recommendations laid out by the UFC (Chathukulam and Joseph, 2022).

⁷ The Hindu Bureau, November 13, 2023.

⁸ The practice of performance statement /contact is found in the local governments in Rwanda and it is locally known as *Imihigo*.