



Government of Kerala

Report on
Household Social Consumption:
Health

Based on
75th Round NSS Socio Economic Survey
(July 2017 - June 2018)

Department of Economics and Statistics
Kerala

Preface

The National Statistics Office (NSO) under the Ministry of Statistics and Programme Implementation, Government of India has been carrying out nationwide socio economic surveys covering various subjects on regular basis. Department of Economics & Statistics conducted Socio-economic Survey on Health along with the NSO using State sample. This survey 'Household Social Consumption: Health' was carried out during July 2017 – June 2018. The survey on health aims to generate basic information on health sector like morbidity, profile of ailments including their treatment, role of government and private facilities in providing healthcare, expenditure thereon, maternity and childbirth, the condition of the aged, etc.

Technical support including designing of Survey Schedule, Methodology, Sampling techniques, etc. were provided by NSO, Government of India is highly acknowledged. I take this opportunity to place on record the work done by staff of NSS Division at the Directorate of Economics & Statistics, in bringing out this publication. Hard work of field staff engaged in the survey is highly appreciated. The department is indebted to the surveyed households for extending their active co-operation with field staff during the time of data collection.

I hope this report will be useful to planners, policy makers, researchers and all segments of the society who are engaged in the field of health care.

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13/01/2025



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Highlights

The report is based on information collected through NSS Schedule 25.0 ‘Household Social Consumption: Health’ survey conducted in the 75th round during July, 2017 – June, 2018 from 4465 households (2387 in rural areas and 2078 in urban areas) in 559 sample first stage units (FSU) spread over the State.

A. Morbidity, hospitalisation, nature and treatment of ailments

About 5.7 percent of population that responded as ailing in a 15 day period in the age group (0-4) (6 percent males and 5.4 percent females), 13.5 percent of population in the age group (5-14) (15.1 percent males and 11.9 percent females), 15.29 percent of population in the age group (15-29) (24.4 percent males and 21.3 percent females), 20.2 percent of population in the age group (30-34) (18.3 percent males and 22 percent females) and 22.4 percent of population in the age group (45-59) (21.7 percent males and 23.1 percent females) reported as ailing.

- Proportion of Ailing Person (PAP) (no. per 1000) was highest for the age group of 60 years & above. It is found more in urban areas than rural areas.
- In rural areas about 10.52 percent persons were suffering due to ‘Infection’ and in urban areas i.e., 10.84 percent, about 31.74 percent persons were suffering due to ‘Cardio-vascular’ diseases in rural areas and 31.78 percent in urban.
- Allopathy treatment was prevalent in rural areas were 89.8 percent and 91.1 percent in urban areas.
- The percentage distribution of hospitalisation cases (excluding childbirth) in private hospital was about 60.7 percent in rural areas and 65.5 % in urban areas followed by Govt./Public hospital was about 38 percent and 32.2 percent in rural and urban areas respectively.
- For financial expenditure on hospitalisation both in rural and urban areas households were dependant mostly on their ‘Household income / saving’ (82.5 percent in rural areas and 77.1 percent in urban areas) followed by ‘borrowings’ (10.7 percent in rural areas and about 16 percent in urban areas)

B. Expenditure

- In rural areas average expenditure per case in a Government hospital was ₹5159.67 and in urban ₹4493.8, in private hospital was ₹23248.43 in rural areas and 31361.86 in urban areas.

- Average expenditure for treatment per spell in a Government hospital was ₹162.9 in rural areas & ₹163.7 in urban areas whereas average expenditure for treatment per spell in a private hospital was ₹ 631.3 in rural areas and ₹583.3 in urban areas.

C. Childbirth

- In the rural areas, 31.3 percent childbirth took place in public hospitals and 68.7 percent private hospitals whereas in urban areas, the corresponding figures were 35.9 percent and 64.1 respectively.
- About 61 percent women in rural areas and 65 percent in urban areas availed some pre-natal care services during the reference period and about 58 per cent women in rural areas and 98 percent in urban areas availed some post-natal care services during the reference period.
- In rural areas, an average of ₹11926 and ₹29673 per institutional child birth was spent for normal and cesarean delivery respectively whereas in urban areas, these were recorded as ₹ 13960 and ₹33764 respectively.
- For a normal delivery, average expenditure per child birth in a Government hospital was about ₹3171 in rural areas & ₹3025 in urban areas whereas average expenditure per childbirth in a private hospital was about ₹24910 in rural areas and ₹31935 in urban areas.
- Average out-of-pocket medical expenditure (OOPME) per institutional childbirth was about ₹ 17,108 in rural areas and ₹20,468 in urban areas

D. Immunisation

- The percentage of children of age 0-5 years was about 97% per cent in rural and 98% urban areas.
- Almost 80.51 children in the age group 0-5 years had received some vaccination.
- About 97.2 percent of children in rural areas and 98.9 per cent of children in urban areas had reported to received vaccination from Government/ Public hospital (including HSC/PHC/CHC/Aanganwadi centre/ Mobile Medical Unit) boys and girls separately.

Abbreviations

List of Abbreviations used in the Report

Abbreviation	Description
DES	Department of Economics and Statistics
NSSO	National Sample Survey Office
NSS	National Sample Survey
FSU	First Stage Unit
UFS	Urban Frame Survey
MPCE	Monthly Per Capita Consumer Expenditure
NIC	National Industrial Classification
TVM	Thiruvananthapuram
KLM	Kollam
PTA	Pathanamthitta
ALP	Alappuzha
KTM	Kottayam
IDK	Idukki
EKM	Ernakulam
TSR	Thrissur
PKD	Palakkad
MLP	Malappuram
KKD	Kozhikkode
WND	Wayanad
KNR	Kannur
KSD	Kasaragod
PPRA	Proportion of Persons that Responded as Ailing
EC	Excluding Child Birth

Chapter - 1

Introduction

Chapter - 1

Introduction

1.1 Introduction

The National Statistics Office (NSO), set up by the Government of India in 1950, with the idea of having a permanent survey organization to collect socio-economic data employing scientific sampling methods, NSO conducts nationwide sample surveys known as National Sample Survey (NSS). The NSS is a continuing survey in the sense that it is carried out in the form of successive 'rounds', each round usually of a year's duration covering several topics of current interest.

The present report is based on State Sample data of NSS 75th Round, during the period July 2017 - June 2018. As per the survey, 4467 Central Sample and 4465 State Sample households were visited for the survey. The process of report generation/ publication of Central Sample are done by National Statistics Office, Ministry of Statistics & Programme Implementation, Government of India while that of State Sample is carried out by the Directorate of Economics & Statistics, Government of Kerala.

1.2 Objective of the Survey

The 75th round survey was aimed at generating basic quantitative information on the health sector. Determining the prevalence rate at the state and national level of general morbidity by age-group and gender as well as of specific categories of ailment, was a major objective of the survey. Measurement of the extent of use of health services provided by the government was another important task. As in the previous surveys, special emphasis was placed on ailments requiring hospitalisation, that is, treatment as an in-patient of a medical institution. The survey investigated the nature of ailments for which people of various ages were hospitalised, the extent of use of government hospitals, and the expenditure incurred on treatment received from government and private facilities. The break-up of expenditure as in-patient or otherwise, incurred on various heads was estimated to the extent possible. The relative importance of alternative schools of medicine in providing health care was assessed.

The survey was also designed to provide estimates of the incidence and nature of pre-natal

and post-natal care, place of childbirth, and expenditure incurred on childbirth and on maternal care, among women who had experienced pregnancy during the last one year. Further, the proportions of children having received specific immunizations, of fully immunized children, and children who had received no immunization, were estimated for appropriate age-groups of children aged 0-5 years for the purpose of generating SDG (Sustainable Development Goals) indicators of immunization status. Finally, as in earlier surveys, a profile of aged persons by living arrangement, economic dependence and mobility was generated from information collected on the population aged 60 or more.

1.3 Comparability with earlier survey

1.3.1 Treatments *not administered on medical advice*: Up to and including the 60th Round (2004), ailments that had not been treated on medical advice were not considered as having been treated at all. Self-medication, use of medicines on the advice of persons in chemists' shops, etc. were not considered as medical treatment. Ailments for which only such self-medication was taken were considered as 'untreated ailments'. However, during the 71st (2014) and the 75th (2017-18) Rounds, all treatments including self-medication and use of medication on the advice of persons in Chemists, were considered as 'medical treatments'.

1.3.2 *Disabilities*: In the 60th Round (2004) and earlier surveys on health, persons with disabilities were regarded as ailing persons. In the 71st (2014) and 75th (2017-18) Rounds of the NSS survey, pre-existing disabilities were considered as (chronic) ailments provided they were under treatment for a month or more during the reference period, but not otherwise. Disabilities acquired during the last 15 days were, however, included in ailments.

1.3.3 Classification of ailments: In the 71st Round (2014), the list of ailments that the survey was expected to identify was made more detailed and comprehensive and in line with the requirements of the Ministry of Health and Family Welfare, Government of India. A list of 60 ailments was used, compared to the 42-ailments list used in the 60th Round (2004). The present survey has essentially retained this classification of ailments.

1.3.3 *Classification of nature of treatment*: When information on the nature of treatment was collected, the options 'Indian System of Medicine' (including Ayurveda, Unani, and Siddha),

Homeopathy, and ‘Yoga or Naturopathy’ were provided in the list of responses to enable tabulation of data separately for treatments by different systems of medicine. This too was a feature first introduced in the 71st Round (2014).

1.3.4 Re-defining a household to get better data on the cost of childbirth: In the 71st NSS Round (2014), each woman who had undergone childbirth during the last one year was, in the interests of more accurate data collection, considered a member of the household which had borne the cost of childbirth, and all information on her pregnancy, including pre-natal and postnatal care, was obtained from this household. This procedure led to difficulties in fieldwork and was therefore not followed in the 75th Round (2017-18).

1.4 Limitations of the survey

The collection of information on ailments depended on reporting of perceived ailments by the respondents. In case of a small set of important diseases, a medical diagnosis was made a necessary condition for classifying a reported condition as a case of the disease – diphtheria, whooping cough, TB, HIV/AIDS, cancers, diabetes, glaucoma, and hypertension. In other cases, the diseases were identified by the respondents themselves, sometimes with the help of the interviewer to whom they reported their symptoms. Thus, possibilities of over-reporting, underreporting, and misclassifying ailments were all present. The perception of a physical or mental condition as an ailment and the propensity to consider it important enough to report would vary across individuals and cultures. The results of the survey are naturally influenced by these factors.

Chapter - 2

Concepts and Definitions

Chapter 2

Concepts and Definitions

2.1 Population Coverage

2.1.1 Household:- A group of person normally living together and taking food from a common Kitchen will constitute a house hold. It will include temporary stay-always but exclude temporary visitors and guests.

When a person sleeps in one place but usually takes food with his or her family, he or she should be treated not as a single member household but as a member of the household in which other member of his or her family stay.

A resident employee, or domestic servant, or a paying guest will be considered as a member of the household but a member of the household with whom he or she resides even though he or she is not a member of the same family.

If a member of a family stays elsewhere he or she will not be considered as a member of he or her parent's household, however, he or she will be listed as a single member of household if the hostel is listed.

2.1.2 Household size:- The number of members of household is its size.

2.2 Nature of Treatment

2.2.1 Allopathy: In this survey the term allopathy is used to refer to the broad category of medical practice that is sometimes called western medicine, biomedicine, evidence-based medicine or modern medicine. According to Med Terms Dictionary, Allopathy medicine is defined as a system of medical practice which treats disease by the use of remedies which produce effects different from those produced by the disease under treatment. The term allopathy was coined in 1842 by CFS. Hahnemann to designate the usual practice of medicine as opposed to homeopathy.

2.2.2 Indian System of Medicines:- This includes Ayurveda, siddha, Unani, and Sowa-Rigpa medicines. These medicines are also called Desi Dawaiyan in India Herbal medicines are also included in this category of medicines. The practitioners of these system may be called Vaidji, Vaidya, Siddha Vaidya, Hakim etc. This category also includes Home-made medicines and Gharelu Nuskhe, Herbal Medicines and the medicines given by local Neem leaves for skin diseases, Tulsi leaves for common cold Haidi for injuries and fracture, ginger for cough, cold throat problem etc, Garlic for gathiya/ joint pain, Kali Mirch and honey for dry and productive cough, Ashwagandha, chyawanprash as tonic/ Rasayana for energy, Gulabjal for eye diseases and face wash, Saunf for indigestion, Ajowain and Hing for stomach pain Medhi seeds AjawainPudina, Jeera, dry ginger, clove, Triphala powder for problems like indigestion, loss of appetite, Constipation, Clove oil for tooth ache Bilva power for diarrhoea etc.

2.2.3 Ayurveda:- Desi Medicines prescribed by Vaidji/ Vaidya are called Ayurvedic medicines. Ayurveda is a classical system of medicine originating from the Vedas, founded around 5000 years ago in India, and currently recognized and practiced in India and many subcontinent countries. The system gives emphasis to preventive, curative and pro-motive aspects. For therapeutic uses, plants are abundantly used along with some metals and minerals in specially processed forms.

2.2.4 Yoga and Naturopathy:- Yoga is a combination of breathing exercise (pranayam) physical postures (asanas) and meditation for curing illness and releasing stress, both physical and mental. In naturopathy treatments are based on five elements for nature, namely (i) Earth (mud bath, mud wraps) (ii) Water (hydrotherapy methods like baths jets, douches, packs, immersions compresses/ fomentations) (iii) Air (breathing exercises outdoor walking, open-air baths) (iv) Fire (sun baths ,magnetized water) (v) Ether (fasting therapy).

2.2.5 Unani:- Desi medicines prescribed by Hakims are called Unani medicines. The Unani system of Medicines originated in Grece and is based on the teaching of Hippocrates and Gallen, developed into an elaborate Medical system by Arabs. The Unani system become enriched by imbibing what was best in the contemporary system of traditional medicines in Egypt, Syria, Iraq, Persia, India, China and other Middle East Countries. The literature of Unani system is mostly

found in Arabic, Persian and Urdu languages In Unani System the plants, metals and minerals are used in specialized forms for therapeutic uses.

2.2.6 Siddha:- Siddha is an ancient system of medicine prevalent in South India. The word siddha comes from the Tamil word for perfection. Those who attained an intellectual level of perfection were called Siddhas. Siddha literature is in Tamil and the system is practiced largely in Tamil-speaking part of India and abroad. The Siddha system is largely therapeutic in nature and like Ayurveda, it also advocates the use of plants abundantly along with some metals and minerals with specialized processes of preparation of therapeutic formulations.

2.2.7 Homeopathy:- Homeopathy is a system of medicine that uses highly diluted doses from the plant, mineral and animal kingdoms to stimulate natural defenses in the body. Oral Homeopathy medicine is available in many forms, including the traditional homeopathic pellets (balls), liquid dilution, tablets (lactose-based) and mother tincture.

2.2.8 AYUSH: Each letter of the word AYUSH represents a specific system of medicine , **A** for Ayurveda **Y** for Yoga and Naturopathy, **U** for Unani **S** for Siddha and **H** for Homeopathy .Thus AYUSH encompasses the Indian System of Medicines ,Yoga and Naturopathy and Homeopathy, Treatment by any of these systems will therefore qualify as AYUSH treatment, and medicines used by any of these systems will be called AYUSH medicines.

2.2.9 Communicable diseases: Communicable diseases are diseases that as a result of the causative organism which are spreading from one person to another or from animals/ insects/ birds etc. to people. These diseases affect people of all ages but more children due to their exposure to environmental conditions that support the spread. Communicable diseases are preventable based on interventions placed on various levels of transmission of the disease. India is also facing new and emerging diseases which are challenging public health as never before. Unfortunately, many of these diseases affect the poor and marginalized sections of Society, and contribute not only to ill health and poverty at micro-level but also have serious socio-economic implications at the macro-level. Health workers have an important role to play in the control of these diseases by applying effective and efficient management, prevention and control measures. Health workers need to be equipped with capacity to target communicable diseases for eradication.

2.3 Medical Institutions (Level of Care: Explanations of Associated Terms)

2.3.1 ASHA (Accredited Social Health Activist):- ASHAs are local women trained to act as health educators and promoters in their Communities. There is one ASHA for every 1000 population. Their tasks include motivating women to give birth in hospitals, bringing children to immunization clinics, encouraging family planning (eg usage of condoms, IUDs, surgical sterilization), treating basic illness and injury with first aid, keeping demographic records, and improving village sanitation. They have a drug kit – which has tablets like paracetamole, antimalarials, oral contraceptives, co-trimoxazole (an antibiotic), ORS packets etc.

2.3.2 AWW (Anganwadi worker):- These are the staff of the Anganwadi centre in the Village. There is one Anganwadi centre for every 1000 population. These centers provide supplementary nutrition, non-formal pre-school education, nutrition and health education, immunization health check-up and referral services. They are provided with a drug kit and many give tablets for about 1 to 3 children in a day.

2.3.3 HSC (Health Sub-Centre): This is the most peripheral facility in the primary health care system. There is one sub-centre for every 3000 population in hilly/ tribal/ difficult areas and 5000 population in plains. Each sub centre is staffed by one or two **Auxiliary Nurse Midwives (ANM)** (female health worker) and may have a male health worker. No doctor is posted in such sub centre. The main task of these ANM (as perceived) is to provide immunization to children and antenatal care. Some sub centres also conduct normal delivery but they have no beds and the sub-centre is not considered as an institution with in-patients. They perform some out-patient care largely in the form of treatment for basic illnesses. Any treatment taken from ANM during her visit to the village can be considered as treatment taken at sub-centre.

2.3.4 Dispensary: This is a public institution from which medical supplies, preparations and treatments are dispensed, but which does not have facilities for treatment of in-patients. Dispensaries are staffed by one or more doctors.

2.3.5 PHC (Primary Health Centre) : Is staffed by a Medical officer (MBBS or AYUSH) and para medical staff. They provide curative OPD services and ante natal checkups and deliveries. They usually have 4-6 beds to conduct delivery. They may or may not have facilities for in-

patient treatment. There is one PHC for every 30000 population in the plains and for every 20,000 populations in hilly/ tribal/ difficult areas. The terms ‘additional PHC’, ‘Mini- PHC’ and ‘new PHC’ are considered synonymous to ‘PHC’.

PHC in Bihar and Uttar Pradesh are the equivalent of CHCs in other states that their area of coverage is a block and may even have 30 beds. Admissions/ in – patients are always there in this facility type. Their equivalent of a PHC in these States is called an additional PHC.

2.3.6 CHC (Community Health Centre): CHC is usually located at block/ division or taluk level and serves as a referral centre for PHCs. It is to be staffed by medical specialists and medical officers and AYUSH doctors – but in practice there are usually only medicals officers. It always has provision for in-patients and 10 and 30 beds. It usually has an OT, X-Ray, labour room and laboratory facilities.

2.3.7 Public Hospitals: All other government hospitals, including district hospital in the district headquarters town (which acts as referral site for all the CHCs and PHCs and sub-centers), government medical college hospitals. ESI hospitals other government hospitals like maternity hospitals, Cancer hospitals, TB or leprosy hospitals, railway hospitals, etc. run by the government will come under the category ‘govt/ public hospitals ‘ for the purpose of the survey.

2.3.8 Private Hospital, private clinic: Any other hospital /nursing home/ day care centre with facilities for in-patient treatment will be called a private hospital. A private clinic has facilities for consultation with private doctor (s) but no in-patient facility.

2.3.9 Hospitalization: Hospitalization means admission as in- patient for treatment of ailment or injury, or for childbirth to any medical institution. Here refers to any institution having provision for admission of sick persons as in - patients for treatment - all Primary health Centres, Community Health Centres, all public/ government hospitals and all private hospitals (run by charitable organizations or NGOs or trusts, private nursing home, day care centre, private medical college and hospital, super-specialty hospitals etc). Further, childbirths sometimes take place in Health Sub-Centres; such cases of delivery will also be considered as hospitalization Surgeries undergone in temporary camps set up for treatment of ailments, such as eye camps, will also be treated as cases of hospitalization.

Chapter - 3

Morbidity, Nature of Ailment, Maternity and Child Birth

Chapter 3

Morbidity, Nature of Ailing, Maternity and Childbirth

3.1 Proportion of Persons that Responded as Ailing (PPRA) in a 15-day period

For any group, the rural male population, the proportion of persons that responded as ailing (PPRA) in a 15-day period was defined as the estimated number of persons in the population reported ailing' divided by the 'estimated total population' obtained based on the survey data. The proportion was expressed in percentage.

$$\text{PPRA} = \frac{\text{Estimated no. of persons in population reported as ailing}}{\text{Estimated population}} \times 100$$

Statement 1 shows a gender – specific PPRA for six broad age-groups for males and females in the state.

Statement 1: Percentage of persons that responded as ailing by gender and age-group

Gender	PPRA (%) in the age group					
	0-4	5-14	15-29	30-44	45-59	60+
Male	6	15.1	24.4	18.3	21.7	14.4
Female	5.4	11.9	21.3	22	23.1	16.3
All	5.7	13.5	22.8	20.2	22.4	15.3

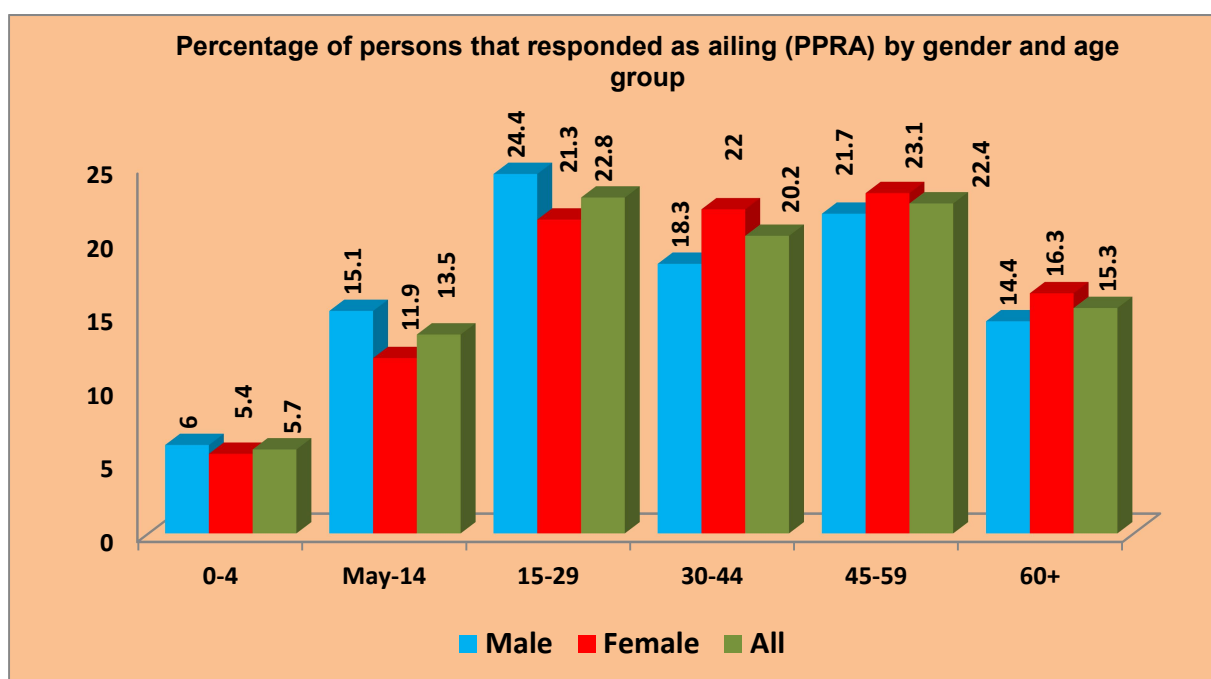
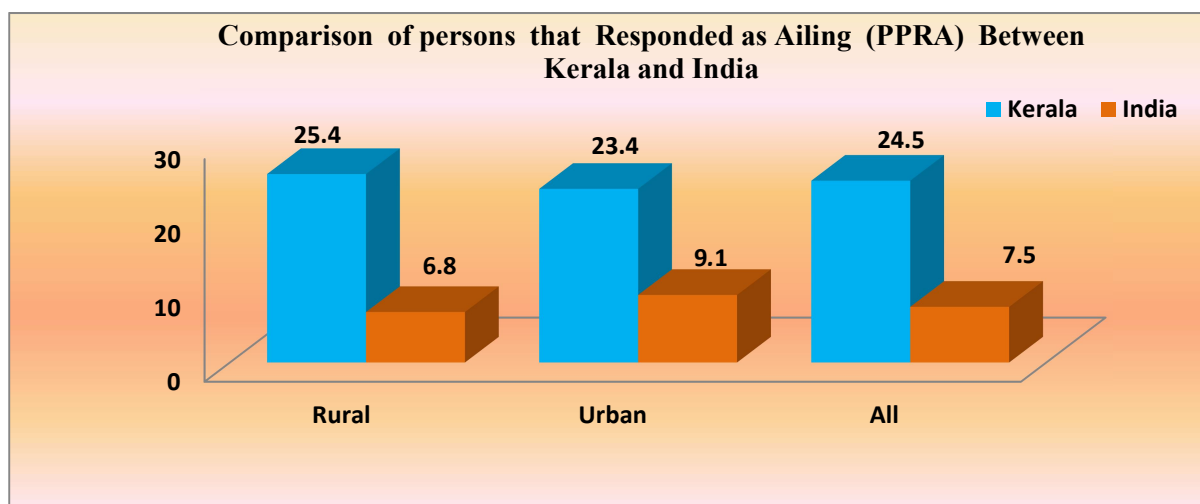
Figure: 1

Figure 1 shows PPRA for six age-groups of the population, namely, 0 - 4, 5 - 14, 15 - 29, 30 - 44, 45 - 59 and 60 & above, separately for males, females, and persons.

Statement 2: Comparison of persons that responded as ailing (PPRA) between Kerala and India.

Percentage of Ailing Persons in a 15 day period			
	Rural	Urban	All
Kerala	25.4	23.4	24.5
India	6.8	9.1	7.5

Figure: 2

3.2 Nature of ailments experienced

The schedule of enquiry used for the survey adopted a 60-fold classification of ailments. These have been clubbed into 7 broad categories: (i) Infections (including fevers, jaundice, diarrhea/ dysentery), (ii) Endocrine or Metabolic (including diabetes and thyroid diseases), (iii) Cardio-vascular (including hypertension and heart disease) (iv) Respiratory, (v) Musculoskeletal (including joint pain, back & body aches), (vi) Psychiatric or Neurological, and (vii) other ailments. Statement: 3(a) and 3(b) shows the Percentage break-up of ailments in rural and urban by nature of the ailments.

Statement 3: Percentage break-up of ailments in rural and urban by nature of the ailment.

Sector	Infection	Cardio-Vascular	Endocrine or Metabolic	Respiratory	Musculo-Skeletal	Psychiatric or Neurological	Others	All
Rural	10.52	31.74	25.62	8.37	10.71	3.38	9.66	100
Urban	10.84	31.78	28.14	8.19	6.90	3.95	10.2	100

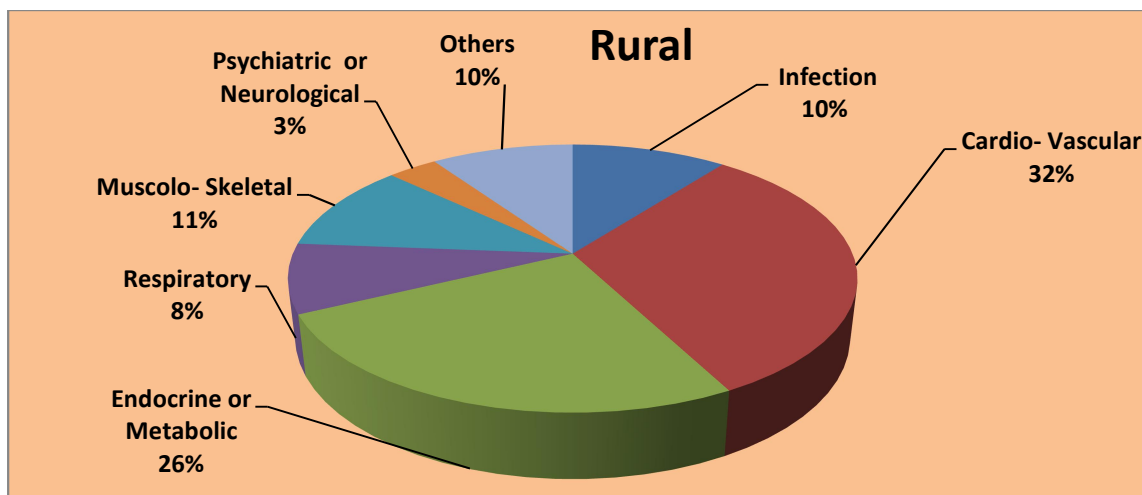
Figure 3 (a)

Figure3 (a) shows the rural and urban percentage break-ups of ailments per thousand persons reported during the last 15 days by these 7 broad categories of nature of ailments.

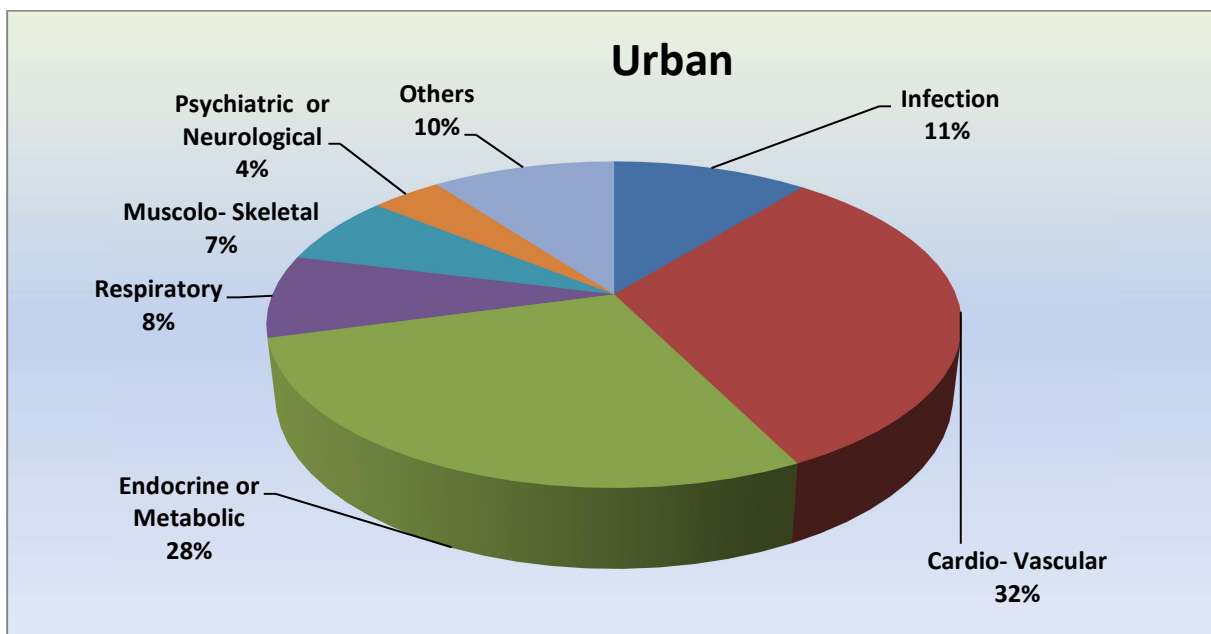
Figure 3 (b)

Figure 3(b) Shows the urban percentage break-ups of ailments per thousand persons reported during the last 15 days by these 7 broad categories of nature of ailments.

3.3 Treatment of ailment

3.3.1 Treatment seeking behavior

The statement 4 shows the percentage of ailments treated by allopathy, AYUSH, and others while detailed information on the percentage of ailments treated separately for males and females for allopathy, AYUSH, and others (both for rural and urban).

Statement 4: Percentage of ailments treated by Allopathy and AYUSH for gender and Sector.

Percentage of ailments treated by Allopathy and AYUSH									
Sector	Allopathy			Ayush			Other		
	Male	Female	All	Male	Female	All	Male	Female	All
Rural	92.6	87.6	89.8	4	7.9	6.1	3.5	4.5	4
Urban	90.9	91.2	91.1	5.2	5.8	5.5	4	3	3.4

3.3.2 Type of medical institution receiving treatment before Hospitalization

For an ailment treated on medical advice, the term “level of care” was used in the survey to indicate the type of healthcare service provider. Five different types of healthcare service providers were distinguished: (i) government/ public hospital (incl. HSC/ PHC/ CHC etc.), (ii) charitable/ trust /NGO-run hospital, (iii) private hospital, (iv) private doctor/ clinic, and (v) informal healthcare provider.

Statement 5 shows the break-up of treated ailments by type of medical institution receiving treatment before hospitalization separately for Rural and Urban.

Statement 5: Percentage of treated ailment by type of medical institution receiving treatment before Hospitalization

Percentage of treated ailment by type of medical institution receiving treatment before Hospitalization			
Healthcare Service provider	Rural	Urban	All
Government/ Public Hospital	39	32.5	36.2
Charitable/ Trust/ NGO run Hospital	1.7	3.5	2.4
Private Hospital	59.3	64.1	61.4

3.4 Hospitalization

The proportion of persons treated as an in-patient, which is defined as the ratio of the estimated number of cases of admission to hospital as an in-patient during the last 365 days.

3.4.1 Number of person treated as inpatient by gender and age group

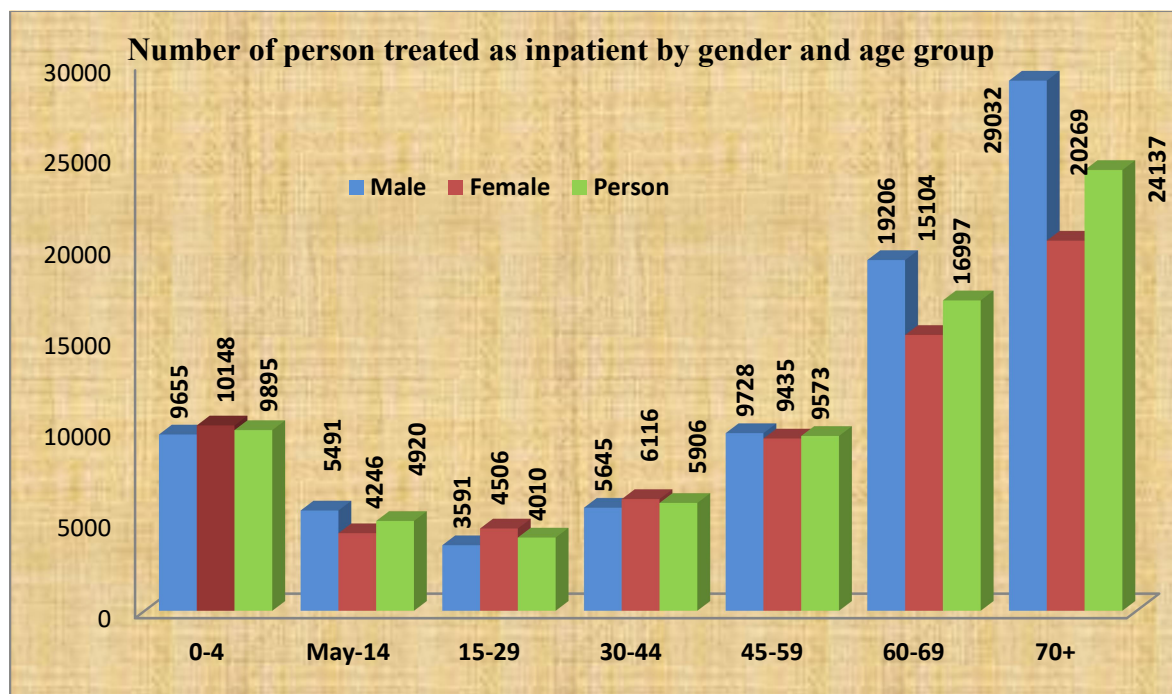
The statement shows that Number of person treated as inpatient by gender and age group.

Statement 6: Number of person treated as inpatient by gender and age group

Number of person treated as inpatient by gender and age group							
Gender	0-4	5-14	15-29	30-44	45-59	60-69	70+
Male	9655	5491	3591	5645	9728	19206	29032
Female	10148	4246	4506	6116	9435	15104	20269
Person	9895	4920	4010	5906	9573	16997	24137

The proportion of persons treated as an in-patient, which is defined as the ratio of the estimated number of cases of admission to hospital as an in-patient during the last 365 days to the total estimated population, is multiplied by 1000 and expressed as a figure between 0 and 1000 to depict the idea of the overall hospitalization.

Figure: 4



3.4.2 Proportion of persons treated as in-patient by age-group and sector

Statement 7: Proportion of persons treated as in-patient by age-group and sector.

Sector	Cases of hospitalization (in 365 days) per 1000 population in age-group						
	0-4	5-14	15-29	30-44	45-59	60-69	70+
Rural	8.1	4.6	4.0	5.7	10.6	16.9	24.9
Urban	12.1	5.3	4.0	6.0	8.3	17.2	23.3
All	9.9	4.9	4.0	5.9	9.6	17.0	24.1

Statement 7 shows the rural-urban variation in the proportion of persons treated as an in-patient

3.4 In-patient hospitalization cases (excluding childbirth): nature of the ailment, type of hospital, source of finance, etc.

Break-up of ailments for hospitalization cases the percentage break-up of hospitalization cases by category of ailment for which the patient was hospitalised, separately by gender and sector.

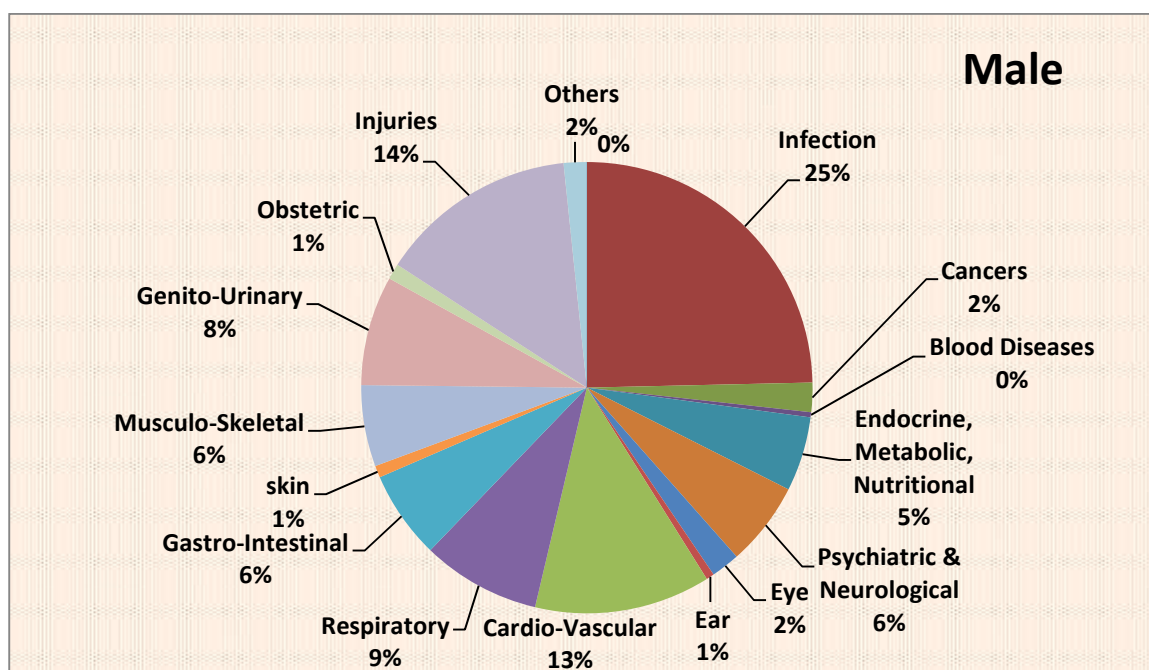
In recording information on ailment for which people had been hospitalized during the last 365 days, the same nature-of-ailment classification was adopted as was used for ailments that people reported in response to the question on “whether they had suffered from any ailment during the last 15 days”.

3.5.1 Break-up of hospitalization

Figure 5 (a) and 5(b) shows the break-up of hospitalization cases by category of ailments for males and females (rural and urban).

The 60-item classification of ailments is condensed into 11 broad categories, namely, (i) infections, (ii) cardio-vascular, (iii) gastrointestinal, (iv) respiratory, (v) genito-urinary, (vi) musculo-skeletal, (vii) psychiatric/neurological, (viii) eye, (ix) obstetric and neo-natal, (x) injuries and (xi) others to show the percentage distribution of ailments for hospitalization cases by broad ailment category.

Figure 5 (a)

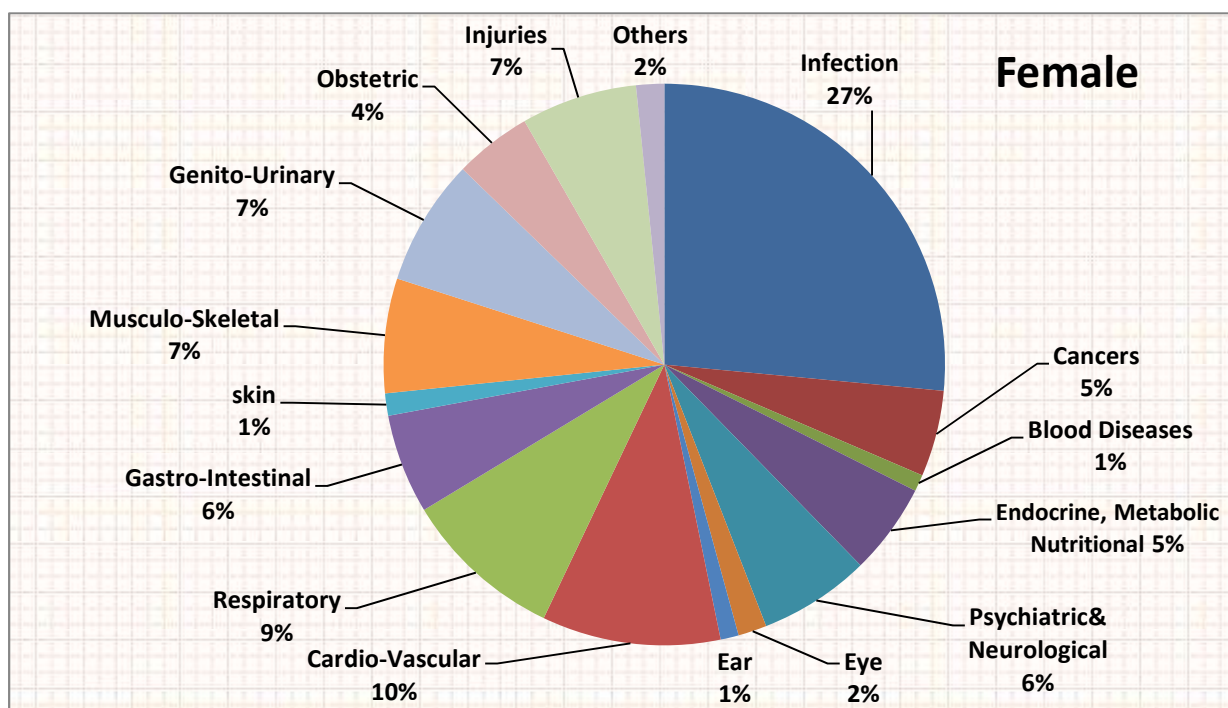


Statement 8: Percentage distribution of hospitalised cases (excluding childbirth) during last 365 days over broad ailment categories

Broad ailment category	Rural			Urban			All		
	Male	Female	All	Male	Female	All	Male	Female	All
Infection	25.33	25.09	25.20	23.80	28.28	26.01	24.65	26.50	25.57
Cancers	1.13	5.13	3.14	3.27	4.72	3.99	2.09	4.95	3.51
Blood Diseases	0.60	1.57	1.10	0.08	0.18	0.13	0.37	0.96	0.66
Endocrine, Metabolic, Nutritional	6.13	5.10	5.61	4.34	5.50	4.91	5.33	5.27	5.30
Psychiatric & Neurological	6.55	7.01	6.78	5.38	5.63	5.50	6.03	6.41	6.21
Eye	2.09	1.40	1.74	2.02	1.96	1.99	2.05	1.65	1.85
Ear	0.52	0.73	0.62	0.62	1.45	1.03	0.57	1.05	0.81

Broad ailment category	Rural			Urban			All		
	Male	Female	All	Male	Female	All	Male	Female	All
Cardio-Vascular	12.84	8.81	10.82	12.34	12.14	12.24	12.62	10.28	11.45
Respiratory	7.46	9.77	8.61	9.78	8.66	9.23	8.50	9.28	8.88
Gastro-Intestinal	6.88	5.47	6.18	5.55	6.07	5.81	6.29	5.73	6.01
Skin	1.20	1.82	1.51	0.45	0.63	0.54	0.86	1.29	1.07
Musculo-Skeletal	7.39	7.37	7.38	3.92	5.59	4.74	5.83	6.58	6.21
Genito-Urinary	7.84	8.56	8.21	7.87	5.72	6.80	7.85	7.31	7.58
Obstetric	0.71	4.58	2.66	1.64	4.27	2.94	1.13	4.44	2.78
Injuries	12.95	6.13	9.53	15.67	7.37	11.56	14.17	6.68	10.44
Others	0.36	1.47	0.91	3.27	1.83	2.56	1.67	1.62	1.64
All	100	100	100	100	100	100	100	100	100

Figure: 5 (b)



3.5.2 Break-up of Hospitalisation cases (%) by major source of financing of expenditure

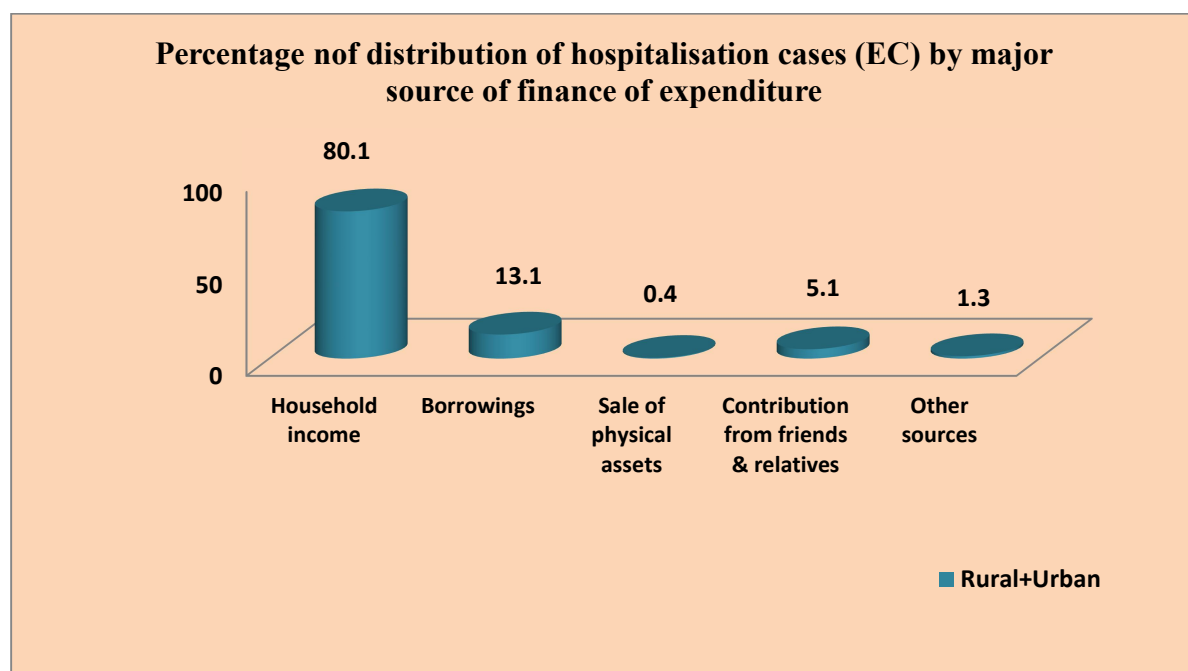
Statement 9 and figure 6 shows Households having persons who had been admitted to hospital during the last 365 days were asked about the major source of financing the hospitalization expenses. The responses were classified into five categories, namely, (i) household

income /savings, (ii) borrowings, (iii) sale of physical assets, (iv) contribution from friends and relatives, and (v) other sources.

Statement 9: Percentage no. of distribution of hospitalisation cases (EC) by major source of finance of expenditure.

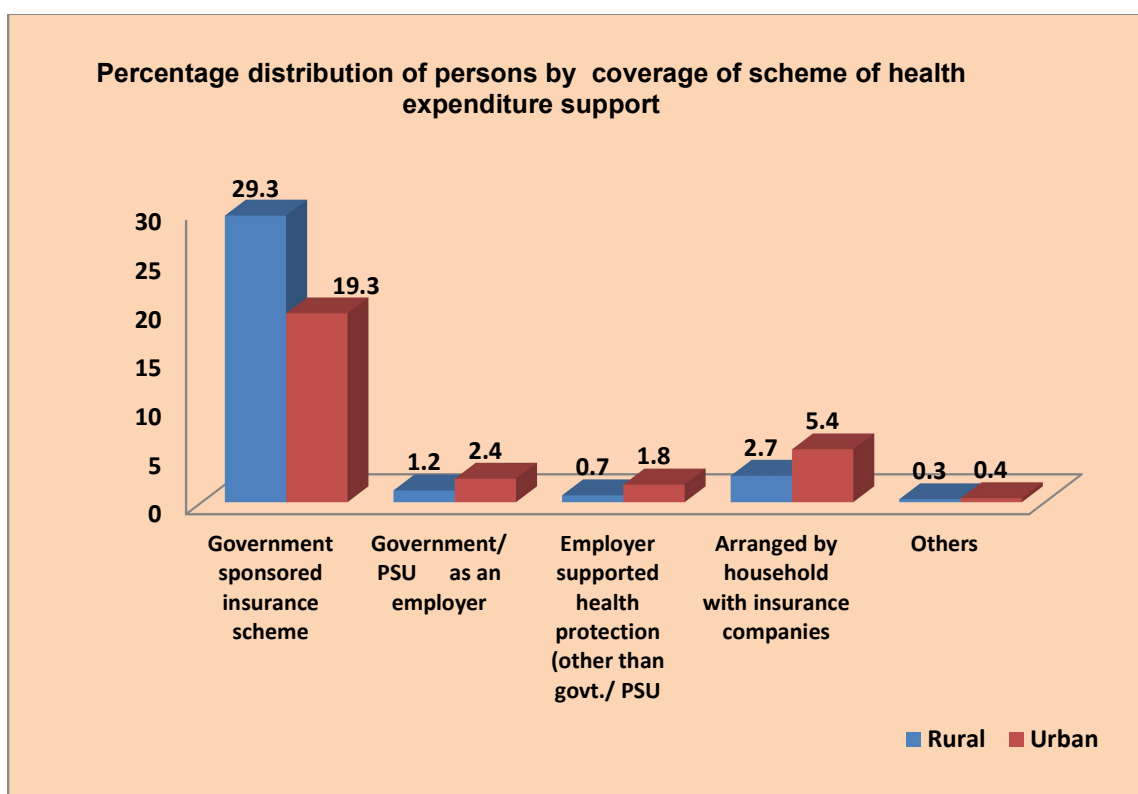
Sector	Major source of finance					
	Household income	Borrowings	Sale of physical assets	Contribution from friends & relatives	Other sources	All
Rural	82.5	10.7	0.3	5.3	1.1	100
Urban	77.1	16	0.6	4.9	1.5	100
All	80.1	13.1	0.4	5.1	1.3	100

Figure: 6



3.6 Population covered by health insurance

Figure: 7



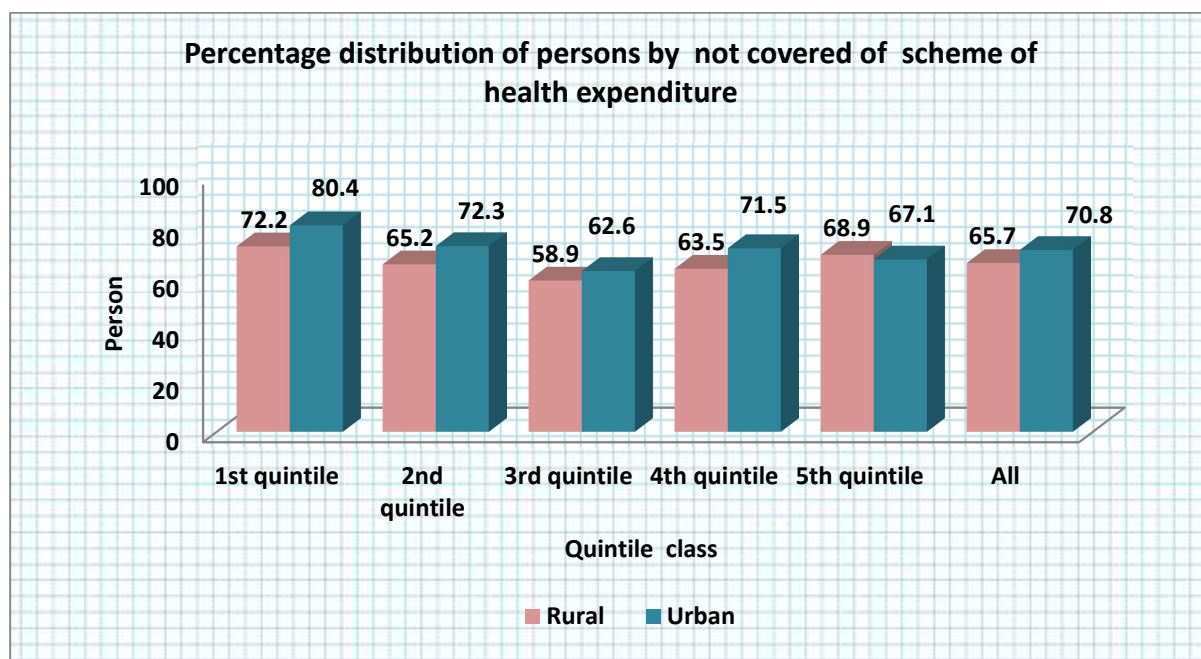
For every member of each surveyed household, it was ascertained whether the person was covered by any scheme for health expenditure support. If so, the broad category of the scheme was also recorded. The categories were: government-sponsored (e.g. RSBY, Arogyasri, etc.), government/ PSU as an employer (e.g. CGHS, reimbursement from govt. etc.), employer supported (other than govt./ PSU) health protection (eg. ESIS), insurance arranged by households with insurance companies, and other schemes.

Statement 10: Percentage distribution of persons by coverage of scheme of health expenditure support for each UMPCE.

Sector	Quintile class of UMPCE/social group	Percentage distribution of persons by coverage of scheme of health expenditure support					
		Not covered	Covered				
			Government sponsored insurance scheme	Government/ PSU as an employer	Employer supported health protection (other than govt./PSU)	Arranged by household with insurance companies	Others
Rural	1st quintile	72.2	26.7	0.6	0.2	0.2	0
	2nd quintile	65.2	31.5	0.9	1.5	0.8	0
	3rd quintile	58.9	36.5	1.9	0.4	1.7	0.6
	4th quintile	63.5	28.8	1.2	1.1	5	0.4
	5th quintile	68.9	22.9	1.4	0.5	5.6	0.7
	All	65.7	29.3	1.2	0.7	2.7	0.3
Urban	1st quintile	80.4	18.6	0.6	0.2	0.2	0
	2nd quintile	72.3	21.5	1.9	2.1	1.8	0.5
	3rd quintile	62.6	26.6	3.5	2.1	4.7	0.6
	4th quintile	71.5	16.6	2	2.7	7.1	0.2
	5th quintile	67.1	13.2	4.2	1.9	13.2	0.5
	All	70.8	19.3	2.4	1.8	5.4	0.4

Statement 11: Percentage distribution of persons by not covered of scheme of health expenditure.

Quintile class of UMPCE/social group	1st quintile	2nd quintile	3rd quintile	4th quintile	5th quintile	All
Rural	72.2	65.2	58.9	63.5	68.9	65.7
Urban	80.4	72.3	62.6	71.5	67.1	70.8

Figure: 8

3.7 Expenditure on hospitalization

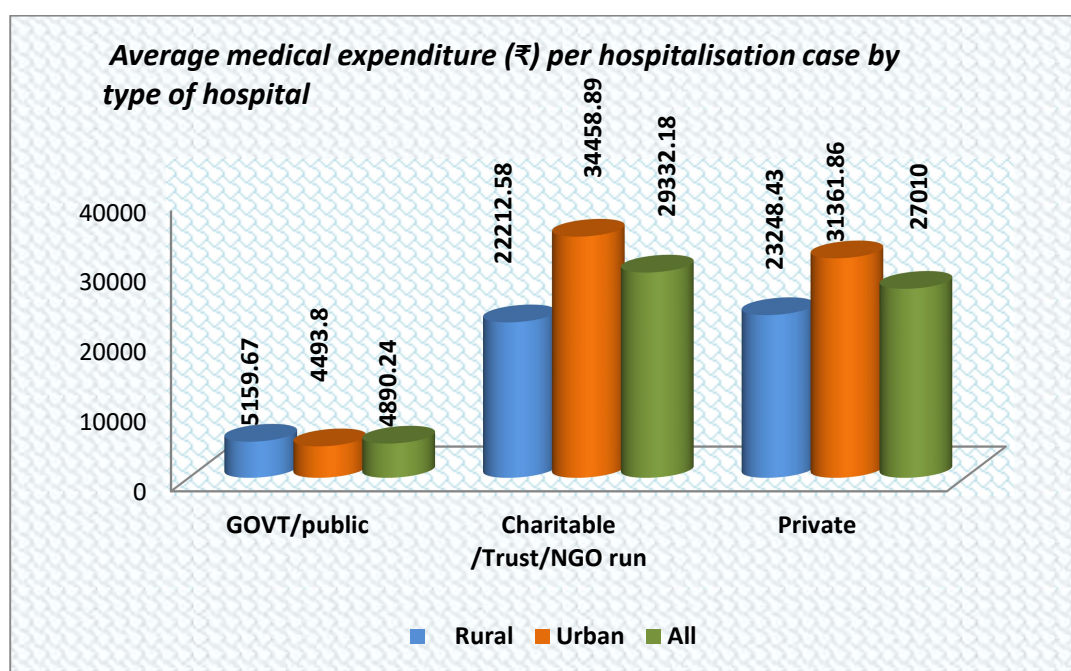
3.7.1 Average medical expenditure during the hospital stay by type of hospital

Medical expenditure, in a case of hospitalisation, was calculated including bed charges, doctor's /surgeon's fees, the total amount paid for medicines, diagnostic tests, attendant charges, physiotherapy, personal medical appliances, and blood, oxygen, etc. during the stay at the hospital (within the reference period of last 365 days) – whether made available by the hospital or procured from outside. Expenses on transportation of the patient to or from the hospital were excluded, and so was expenditure on food.

Figure 9 Shows the average medical expenses incurred during stay at the hospital per case of hospitalisation (excluding childbirth), separately for Government/ public hospitals, private hospitals, and all hospitals, including the charitable/ NGO/ trust-run types.

Statement 12: Average medical expenditure (₹) per case.

Sector	Average medical expenditure (₹) per case		
	GOVT/public	Charitable /Trust/NGO run	Private
Rural	5159.67	22212.58	23248.43
Urban	4493.8	34458.89	31361.86
All	4890.24	29332.18	27010

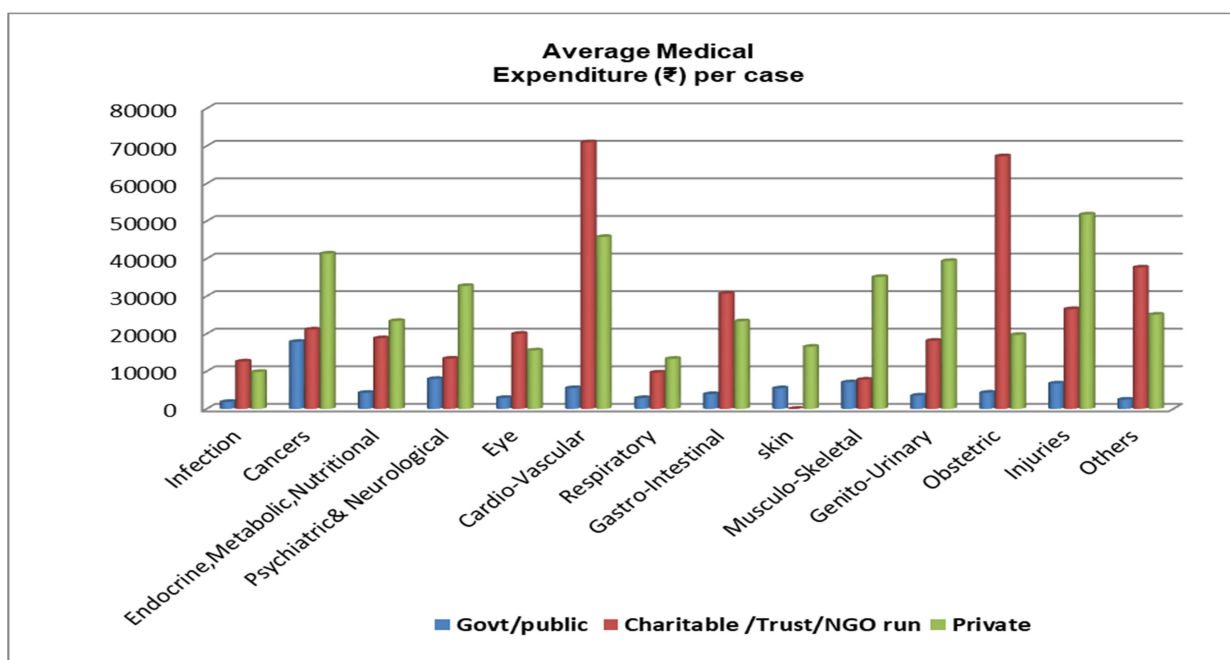
Figure 9**3.7.2 Average medical expenditure per hospitalisation case by ailment type**

Statement 13 shows the average medical expenditure per case of hospitalisation for selected (broad) categories of ailments in public, private, and all hospitals

Statement 13: Average Medical Expenditure (₹) per case by ailment type.

Broad nature of ailment item	Average Medical Expenditure (₹) per case			
	Govt./public	Charitable /Trust/NGO run	Private	All
Infection	1847.64	12604.31	9841.09	7065
Cancers	17841.93	21128.38	41336.25	28616.6
Endocrine, Metabolic, Nutritional	4277.62	18817.41	23398.52	15710.62
Psychiatric & Neurological	7960.16	13383.68	32747.18	23606.51
Eye	2904.12	20000	15559.22	12531.35
Cardio-Vascular	5528.7	70987	45776.13	33742.83
Respiratory	2859.06	9657.96	13322.94	9257.6
Gastro-Intestinal	3938.9	30691.5	23320.18	17345.72
skin	5475.53	0	16552.52	13920.62
Musculo-Skeletal	7060.99	7789.98	35130.15	25071.82
Genito-Urinary	3551.15	18141.33	39370.88	27509.17
Obstetric	4298.54	67270.6	19707.35	19045.4
Injuries	6761.55	26573.95	51760.25	32031.61
Others	2457.25	37650	25094.67	17689.27

Figure 10 shows the estimates of average medical expenses for all categories of ailment for the estimated average to be very useful.

Figure: 10

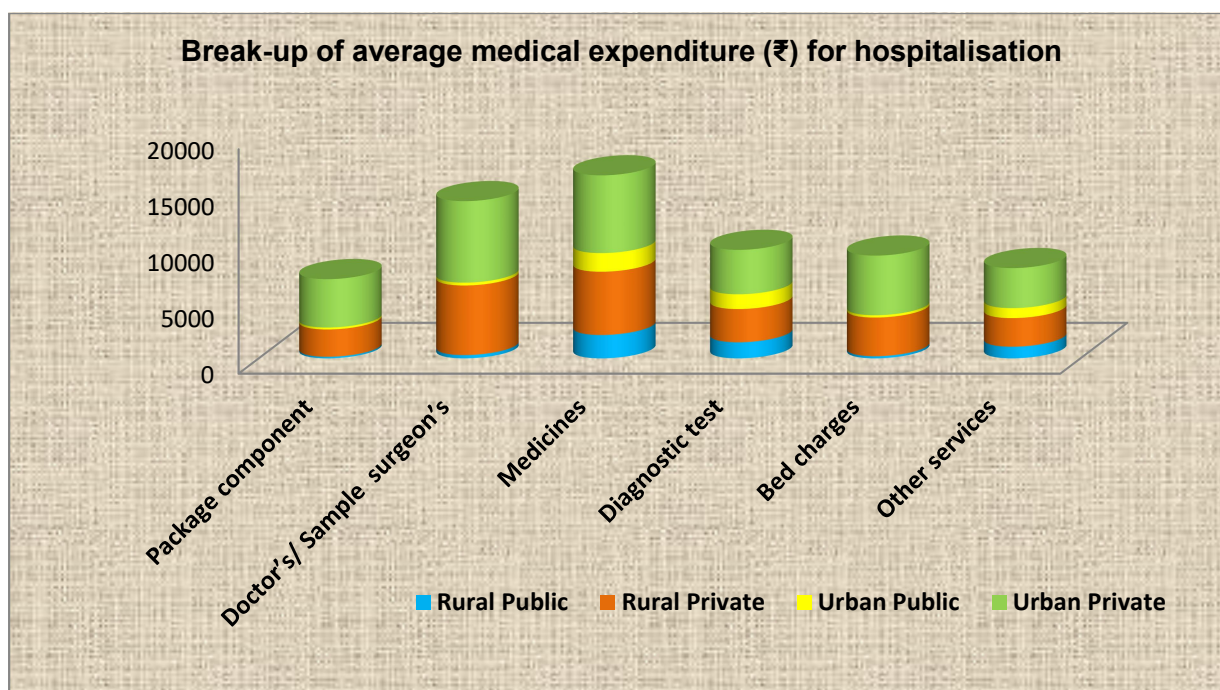
3.7.3 Break-up of average medical expenditure per hospitalisation case by type of hospital

The break-up of average medical expenditure per case across public and private hospitals for different components is shown in Statement 14 and Figure 11 gives the break-up of average medical expenditure per case of hospitalisation by its major components, separately for public hospitals and private hospitals, in rural and urban sectors.

Statement 14: Break-up of average medical expenditure (₹) for hospitalisation

Component of medical expenditure	Rural		Urban	
	Public	Private	Public	Private
Package component	137.1	2436.7	172.9	4312.9
Doctor's/ Sample surgeon's	290.1	6205.2	251.3	7269
Medicines	2080.1	5641.9	1660.1	6932.3
Diagnostic test	1430.5	2964	1314.9	3961.1
Bed charges	187.3	3447.8	206.8	5316.2
Other services	1034.5	2552.8	887.8	3570.3
Total	5159.7	23248.4	4493.8	31361.9

Figure: 11



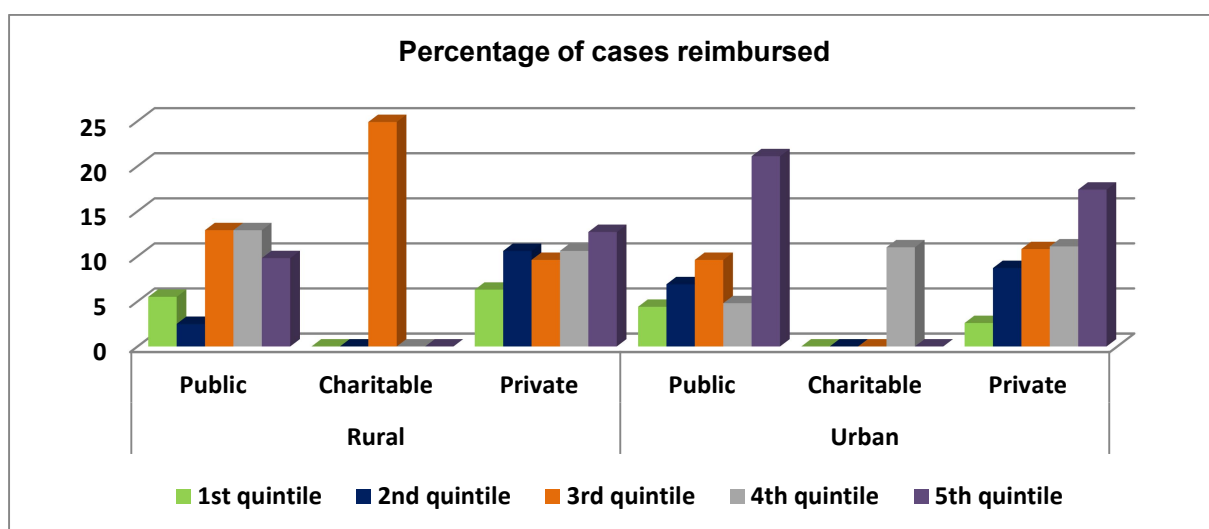
3.7.4 Reimbursement of hospitalisation expenditure

Statement 15 shows the percentage of cases of hospitalisation involving some reimbursement of expenditure, separately for different quintile classes of household expenditure.

Statement 15: Percentage of cases reimbursed.

Quintile	Rural			Urban		
	Public	Charitable	Private	Public	Charitable	Private
1st quintile	5.5	0	6.3	4.4	0	2.6
2nd quintile	2.5	0	10.6	6.9	0	8.7
3rd quintile	12.9	24.9	9.6	9.6	0	10.8
4th quintile	12.9	0	10.6	4.8	11	11.1
5th quintile	9.8	0	12.7	21.1	0	17.4
All	9	8.6	10.5	8.4	2.3	11.2

Figure: 12

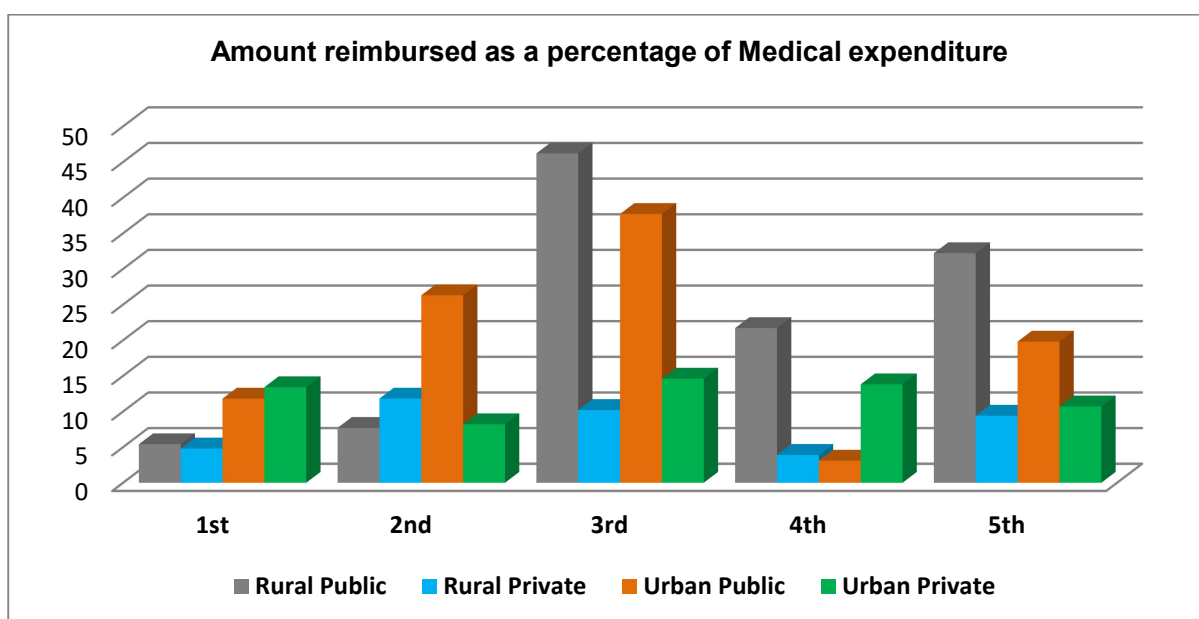


3.7.5 Percentage of cases of reimbursement of hospitalisation expenses in public and private hospitals for different quintile class of household expenditure

Statement 16 shows the amount reimbursed as a percentage of total medical expenditure, for different quintile classes of household expenditure.

Statement 16: Amount reimbursed as a percentage of Medical expenditure

Type of Hospital	Amount reimbursed as a percentage of Medical expenditure					
	Quintile class of house hold expenditure					
	1st	2nd	3rd	4th	5th	All
Rural						
Public	5.4	7.7	46.2	21.7	32.2	26.6
Private	4.8	11.8	10.2	3.9	9.4	8.4
All	4.6	11.2	14.7	6.9	11	10.5
Urban						
Public	11.8	26.3	37.7	3.1	19.8	22.7
Private	13.4	8.2	14.6	13.8	10.7	12.1
All	12.8	9.5	15.8	3	11	12.4

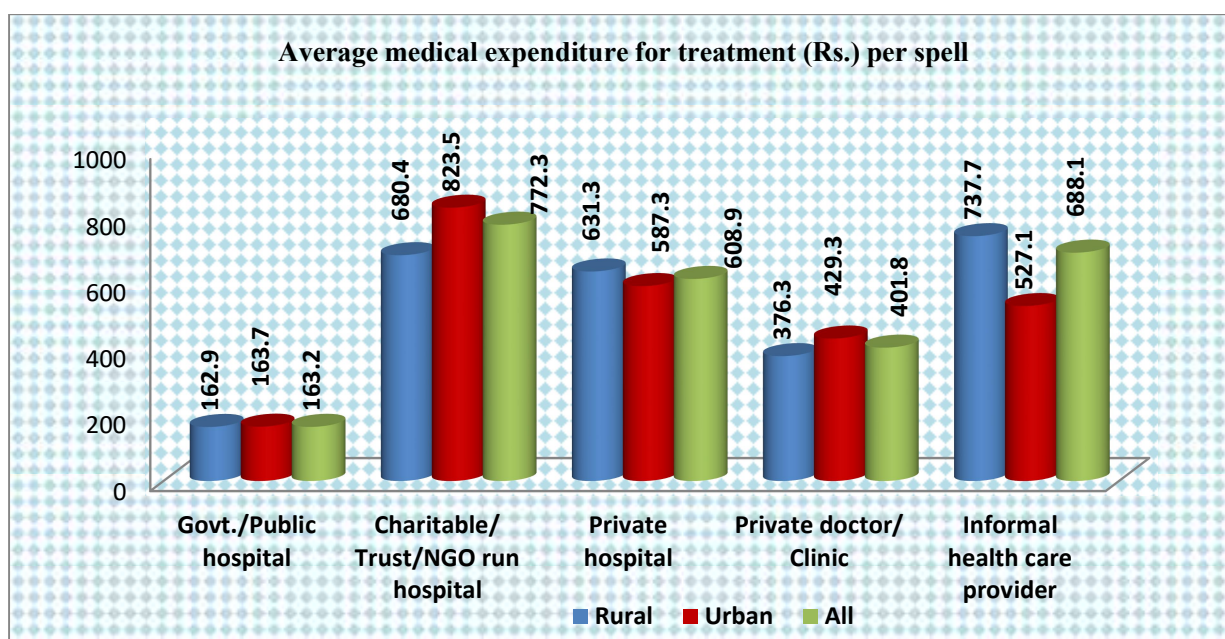
Figure 13**3.8 Expenditure on treatment of ailment****3.8.1 Average medical expenditure for non hospitalised treatment per treated spell of ailment**

Statement 17: Average medical expenditure for non hospitalised treatment per treated spell of ailment

Average medical expenditure for treatment (₹) per spell						
Sector	Govt./Public hospital	Charitable/Trust/NGO run hospital	Private hospital	Private doctor/ Clinic	Informal health care provider	All
Rural	162.9	680.4	631.3	376.3	737.7	360.9
Urban	163.7	823.5	587.3	429.3	527.1	391.3
All	163.2	772.3	608.9	401.8	688.1	375.2

Statement 17 shows average medical expenditure incurred per spell of ailment for non-hospitalised, separately for five levels of care: government/ public hospitals, charitable/ NGO/ trust-run hospitals, private hospitals, private doctors or clinics, and informal healthcare provide

Figure 14



3.8.2 Average medical expenditure per ailment treated by the healthcare service provider

Statement 18 shows average medical expenditure per ailment treated by a healthcare service provider.

Statement 18: Average medical expenditure per ailment treated by the healthcare service provider.

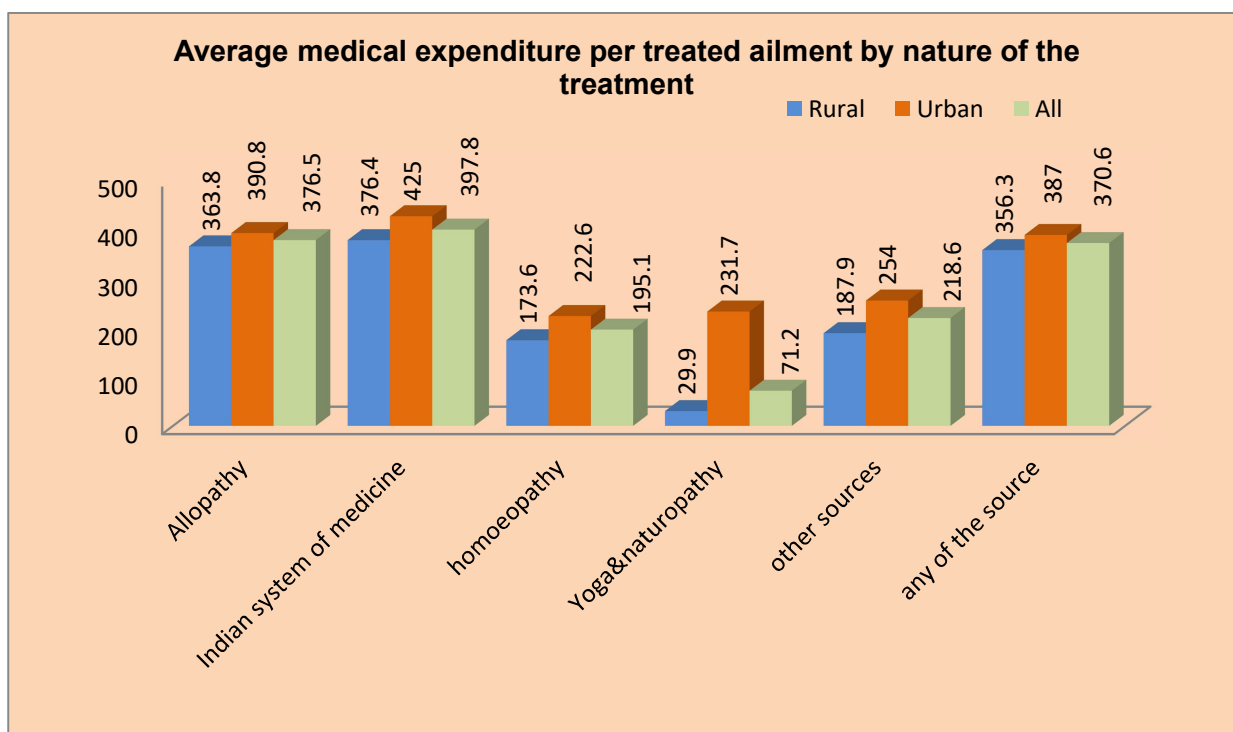
Sector	Average medical expenditure for treatment (₹) per spell					
	Govt./Public hospital	Charitable/Trust/NGO run hospital	Private hospital	Private doctor/Clinic	Informal health care provider	All
1st quintile	160.1	1032.8	597.1	452.8	875	330.4
2nd quintile	160.9	267	668.6	364.2	344.5	333.7
3rd quintile	142	911	569.6	363.3	564.3	312.5
4th quintile	146.5	1033.1	573.7	372.4	0	357.4
5th quintile	230.1	350.3	626.9	447.9	632.3	482.5
All	163.2	772.3	608.9	401.8	688.1	375.2

3.8.3 Average medical expenditure per treated ailment by nature of the treatment

Statement 19: Average medical expenditure per treated ailment by nature of the treatment.

Sector	Average medical expenditure for treatment (₹) per spell					
	Allopathy	Indian system of medicine	Homoeopathy	Yoga & naturopathy	Other sources	Any of the source
Rural	363.8	376.4	173.6	29.9	187.9	356.3
Urban	390.8	425	222.6	231.7	254	387
All	376.5	397.8	195.1	71.2	218.6	370.6

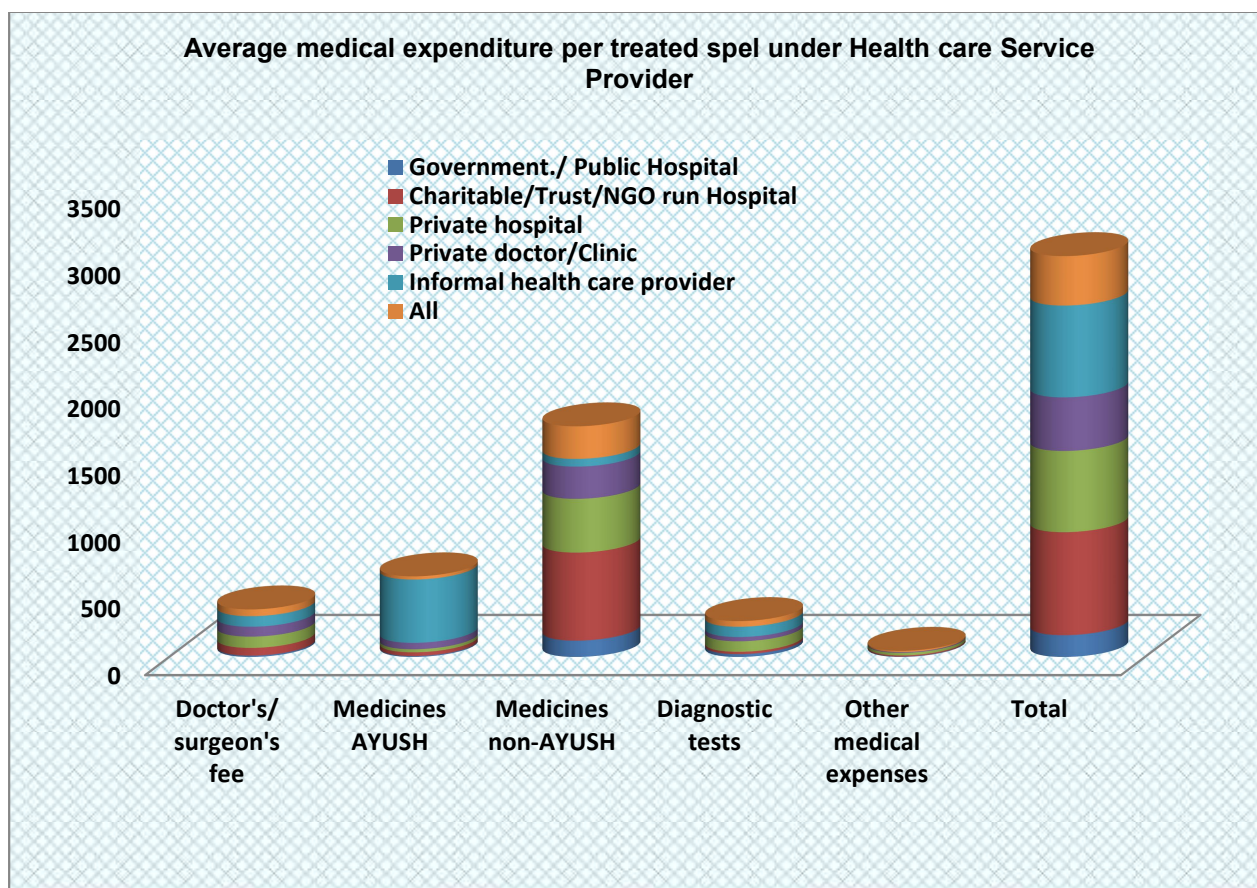
Statement 19 and Figure 15 shows average expenditure on treatment (non-hospitalisation cases) across different systems of medicine. Statement gives the break-up of average medical expenditure (for non-hospitalisation cases) by nature of treatment and sector.

Figure 15

3.8.4 Average medical expenditure for non-hospitalised treatment per treated spell of ailment for each level of Care

Statement 20: Average medical expenditure for non-hospitalised treatment per treated spell of ailment for each level of Care.

Health Care Service Provider	Average medical expenditure (₹) per treated spell under					
	Doctor's/ surgeon's fee	Medicines AYUSH	Medicines non-AYUSH	Diagnostic tests	Other medical expenses	Total
Government/ Public Hospital	9.8	6.9	122.3	20.9	3.3	163.2
Charitable/ Trust/ NGO run Hospital	58.2	27.9	660.1	17.8	8.3	772.3
Private hospital	84.6	23.2	403	79	19.2	608.9
Private doctor/ Clinic	74.1	48	241.6	32.1	5.9	401.8
Informal health care provider	79.1	474.7	57.7	76.7	0	688.1
All	50.8	23.8	244.3	42.5	9.2	370.6

Figure: 16

The break-up of medical expenditure (non-hospitalisation) into four components: doctor's fees, medicines, diagnostic tests, and other expenses, by healthcare service providers for rural and urban combined and combined genders are shown in Statement 20 and Figure 16 shows the average medical expenditure by health care service provider.

3.9 Maternity and childbirth

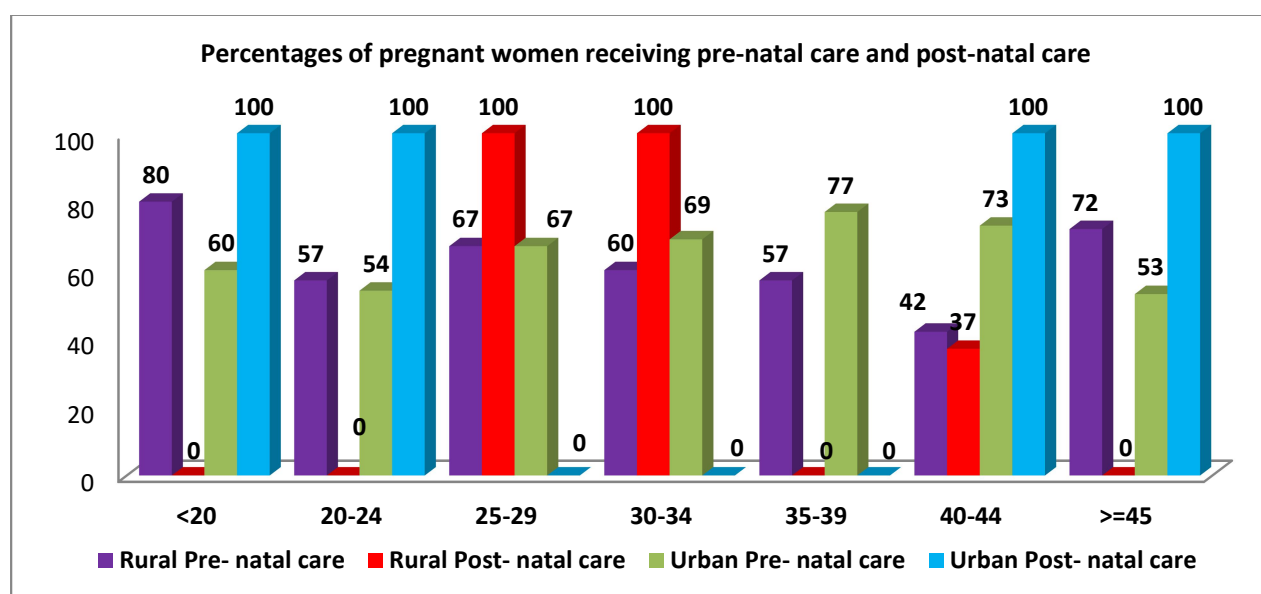
3.9.1 Percentage of pregnant women (aged 15-49 pregnant any time during last 365 days) receiving pre-natal and post-natal care

Statement 21: Percentage of pregnant women (aged 15-49 pregnant any time during last 365 days) receiving pre-natal and post-natal care.

Percentage of pregnant women (aged 15-49 pregnant any time during last 365 days) receiving pre-natal and post-natal care.						
Age-group	Rural		Urban		Rural+ Urban	
	Percentage of pregnant women receiving		Percentage of pregnant women receiving		Percentage of pregnant women receiving	
	Pre- natal care	Post- natal care	Pre- natal care	Post- natal care	Pre- natal care	Post- natal care
<20	80	0	60	100	72	100
20-24	57	0	54	100	56	100
25-29	67	100	67	0	67	100
30-34	60	100	69	0	64	100
35-39	57	0	77	0	66	0
40-44	42	37	73	100	58	76
>=45	72	0	53	100	62	100
All	61	58	65	98	63	74

Statement 21 shows the percentages of women in different age-groups who received pre-natal and post-natal care during pregnancy and after childbirth. This percentage decreases for post-natal care in rural areas.

Figure: 17



3.9.2 Percentage distribution of childbirth cases by place of childbirth

Statement: 22 Percentage distribution of childbirth cases by place of childbirth.

Age-group	Rural		Urban	
	Institutional childbirth			
	At public hospital*	At private hospital	At public hospital*	At private hospital
<20	9.1	90.9	72.5	27.5
20-24	35.8	64.2	38.4	61.6
25-29	30.7	69.3	33.8	66.2
30-34	30.6	69.4	32.6	67.4
35-39	19.7	80.3	30.4	69.6
40-44	0	100	70.2	29.8
>=45	0	0	0	0
All	31.3	68.7	35.9	64.1

Percentage distribution of childbirth cases by place of childbirth is given instatement. It is observed that in rural areas 31.3 percent of childbirths took place in public hospital and 68.7 percent in private hospital. However in urban area, the corresponding figures were 35.9 percent and 64.1 per cent respectively.

3.9.3 Break-up of pregnant women by outcome of pregnancy

Statement 23: Percentage distribution of women aged 15-49 years who were pregnant any time during last 365 days by outcome of pregnancy.

Percentage distribution of women aged 15-49 years who were pregnant any time during last 365 days by outcome of pregnancy								
Age group	Pregnancy continuing	Live birth	Still birth	Abortion	Pregnancy continuing	Live birth	Still birth	Abortion
< 20	26	40.4	0	33.6	51.4	9.4	0	2.6
20 - 24	26.5	69.7	0	3.8	28.7	65.1	0.9	4.1
25 - 29	24.4	66.6	0.3	8.6	16.5	75.5	0.9	5.9
30 - 34	19.2	73.7	0	7.1	15.7	57.8	0	6.3
35 - 39	44.6	53.5	0	0	12.1	75.1	0	12.8
40 - 44	23.7	23.8	0	0	0	69	0	31
≥ 45	0	0	0	0	0	0	0	0
All	25.8	66.8	0.1	7	23.2	61.9	0.6	5.7

The percentage break-up of pregnant women (15-49 years) by outcome of pregnancy, separately for different age-groups in rural and urban areas is given in above statement 23. Percentages of live births in rural & urban areas are 66.8 percent & 61.9 percent respectively. Percentage of ongoing pregnancies was 25.8 percent in rural areas and 23.8 in urban areas. Percentage of still birth was about 0.1 per cent in rural areas and 0.6 percent in urban areas, while abortion was 7 percent in rural areas and 5.7 percent in urban areas. Highest percentage (31 percent) of abortion is observed in the age group 40-44 years in urban areas.

3.9.4 Average duration of stay in hospital, separately for Public and Private hospitals for each Sector

Statement 24 is observed that in rural around 6 days stay in public hospital and 5 days stay in private hospital were reported for institutional childbirth. In urban sector these were reported as 7 days and 5 days respectively.

Statement 24: Average duration of stay in hospital, separately for Public and Private hospitals for each Sector

Sector	Average duration of stay (0.0 days)		
	Public	Private	All
Rural	6.2	5	5.4
Urban	6.8	5	5.6
Rural+Urban	6.5	5	5.5

3.9.5 Percentage distribution of institutional childbirths by type of delivery and type of hospital and duration of stay.

The percentage break-up of institutional childbirths by type of delivery and duration of stay for rural and urban areas is shown in statement 25, the detailed table shows the percentage distribution of cases of hospitalisation for childbirth by the average duration of stay in the Hospital.

Statement 25: Percentage distribution of institutional childbirths by type of delivery and type of hospital and duration of stay.

Sector	Type of medical institution	Type of delivery	Duration of stay in hospital				
			< 3 days	3 days to < 7days	7 days to < 15days	15days or more	All
Rural	Public	Normal	2	79	17	2	100
		Caesarean	0	36	55	9	100
		Others	0	0	0	0	0
		All	2	68	26	4	100
	Private	Normal	9	80	10	0	100
		Caesarean	0	59	40	1	100
		Others	0	0	100	0	100
		All	6	71	22	1	100
Urban	Public	Normal	5	63	30	3	100
		Caesarean	0	31	59	10	100
		Others	100	0	0	0	100
		All	4	50	40	6	100
	Private	Normal	17	39	44	0	100
		Caesarean	0	35	65	0	100
		Others	0	0	0	0	0
		All	7	37	56	0	100

3.9.6 Percentage of hospital childbirths receiving surgery, by type of hospital

Statement 26: Percentage of hospital childbirths receiving surgery, by type of hospital

Type of medical institution	Percentage of cases receiving surgery	
	Rural	Urban
Government	28.4	38.7
NGO	50.1	59.1
Private	42.6	41.2

Statement 26 shows the percentage of hospital childbirths receiving surgery for Rural and Urban

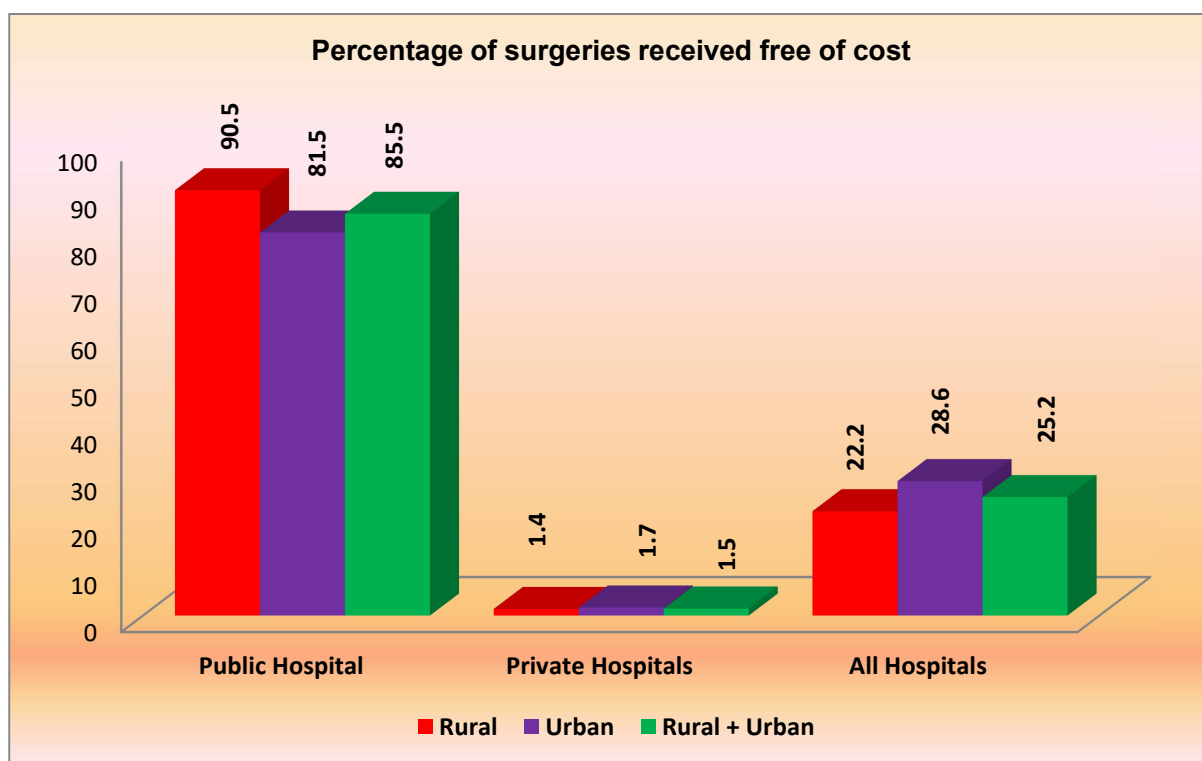
3.9.7: Percentage of childbirths receiving surgery free of cost by type of hospital and sector

Statement 27: Percentage of childbirths receiving surgery free of cost by type of hospital and sector

Sector	% of surgeries received free of cost		
	Public Hospital	Private Hospitals	All Hospitals
Rural	90.5	1.4	22.2
Urban	81.5	1.7	28.6
Rural + Urban	85.5	1.5	25.2

Statement 27 shows the percentage of childbirths receiving surgery free of cost by type of hospital. Detailed table shows the percentage of hospital childbirths receiving surgery for all types of childbirth, separately for different types of hospital, as well as the percentage break-up of surgery cases by whether surgery was received ‘free’, ‘on partial payment’, or ‘on full payment’.

Figure 18



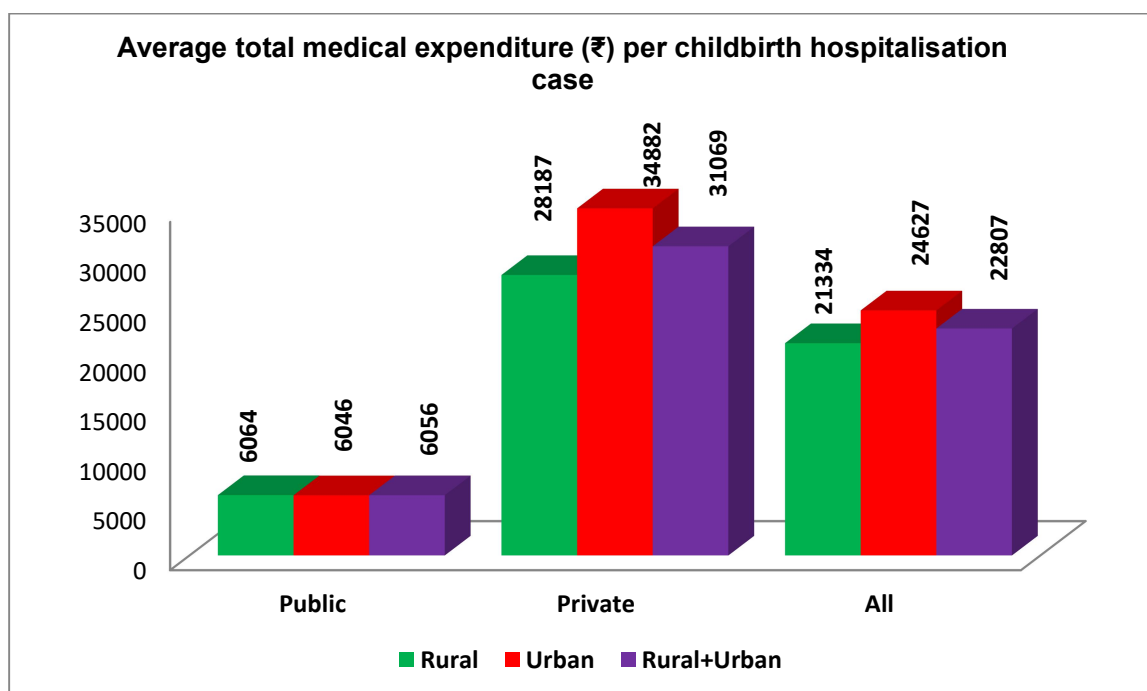
3.9.8 Average total medical and non medical expenditure (₹) per hospitalised childbirth during last 365 days by place of delivery

The medical expenditure incurred per childbirth at public and private source separately for the rural and urban areas are given in Statement 28. An average of ₹6065 was spent per childbirth in public hospitals and ₹31069 in private hospitals which is around 5 times more than public expenditure.

Statement 28: Average total medical expenditure (₹) per childbirth hospitalisation case

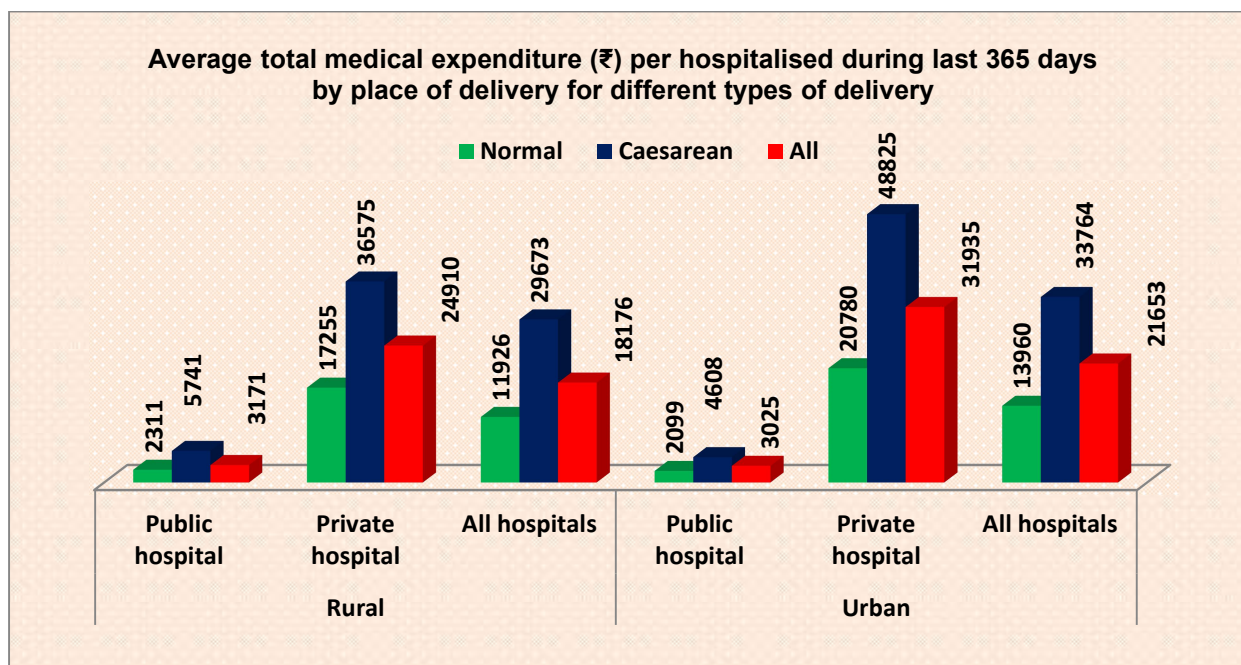
Sector	Average total medical expenditure (₹) per childbirth hospitalisation case		
	Public	Private	All
Rural	6064	28187	21334
Urban	6046	34882	24627
Rural + Urban	6056	31069	22807

Figure: 19



3.9.9 Average expenditure on childbirth in private and public hospitals, for normal and caesarean section delivery

Figure: 20



Statement 29: Average medical expenditure (total) per childbirth hospitalisation case.

Type of delivery	Average medical expenditure (total) per childbirth hospitalisation case					
	Rural			Urban		
Type of delivery	Public hospital	Private hospital	All hospitals	Public hospital	Private hospital	All hospitals
Normal	2311	17255	11926	2099	20780	13960
Caesarean	5741	36575	29673	4608	48825	33764
All	3171	24910	18176	3025	31935	21653

Statement 29 gives average expenditure on hospital childbirths (excluding abortion cases), separately for quintile class of household expenditure of population in rural and urban areas,

separately for public and private hospitals, and separately for normal and caesarean deliveries. The overall picture is shown in Figure 20

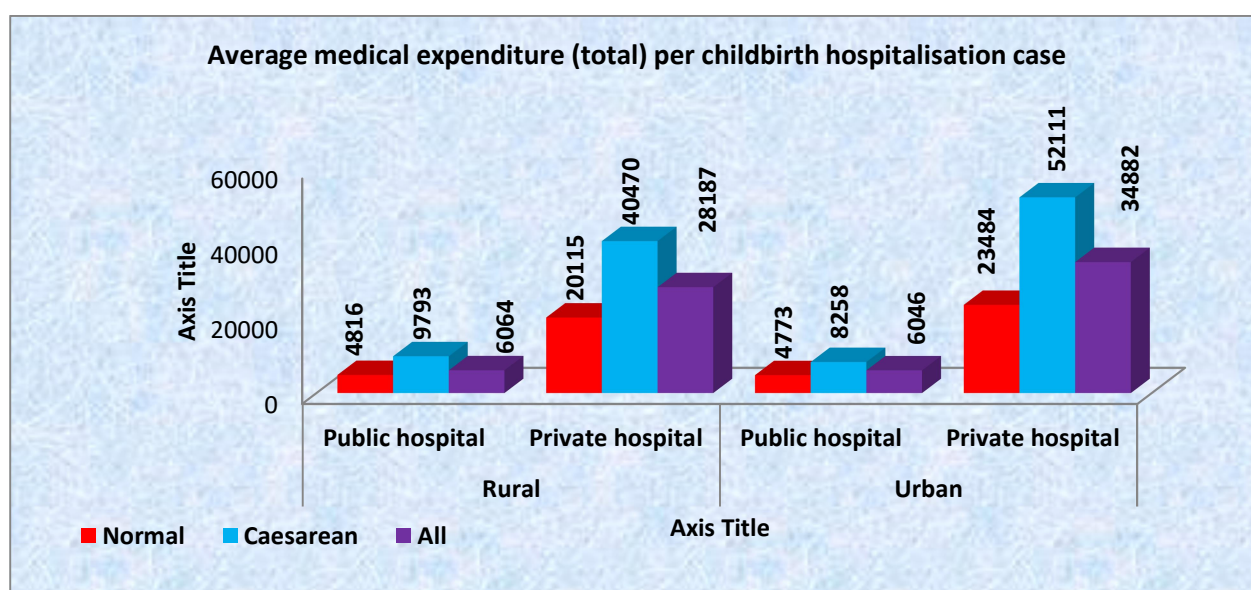
3.9.10 Average expenditure on hospitalised childbirths by type of hospital

Statement 30 gives average expenditure on hospital childbirths (excluding abortion cases), separately for quintile classes of household expenditure of the population in rural and urban areas, separately for public and private hospitals, and separately for normal and caesarean deliveries.

Statement 30: Average total medical and non-medical expenditure (₹) per hospitalised childbirth during last 365 days by place of delivery for different type of delivery.

Type of delivery	Average medical expenditure (total) per childbirth hospitalisation case					
	Rural			Urban		
	Public hospital	Private hospital	All hospitals	Public hospital	Private hospital	All hospitals
Normal	4816	20115	14659	4773	23484	16653
Caesarean	9793	40470	33602	8258	52111	37174
All	6064	28187	21334	6046	34882	24627

Figure 21



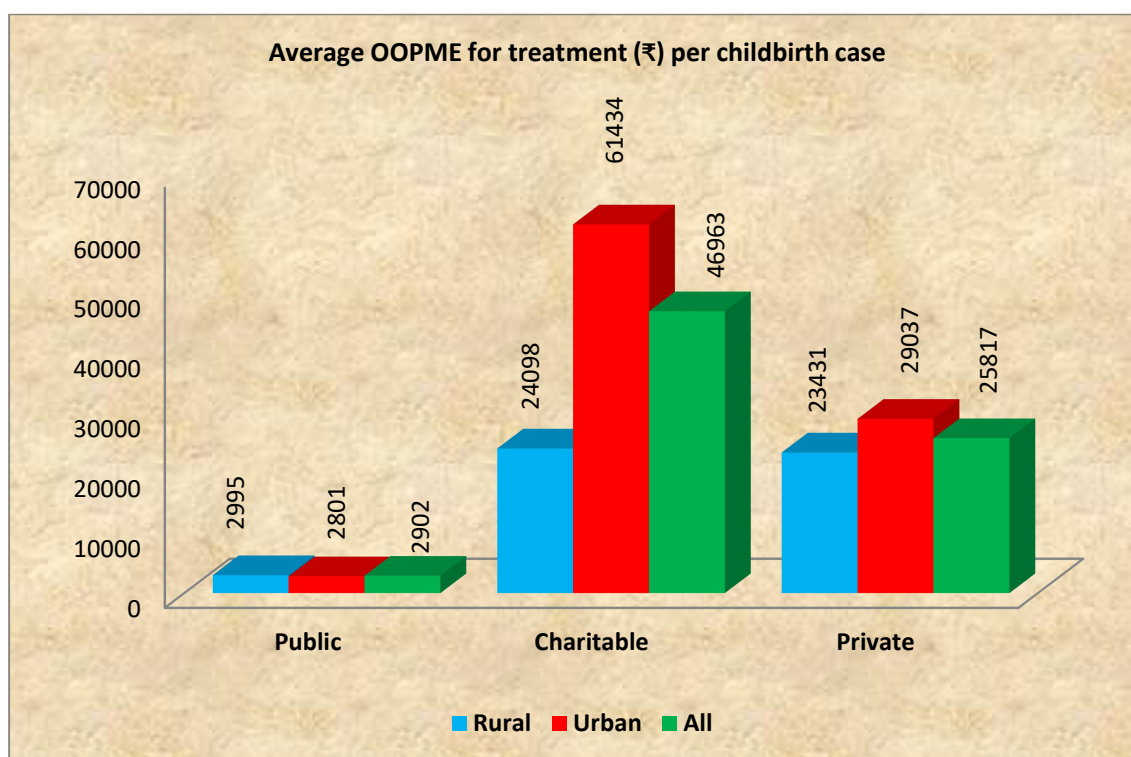
3.9.11 Average out-of-pocket medical expenditure (OOPME) for institutional childbirth cases during stay at hospital

Statement 31 gives average out-of-pocket medical expenditure for institutional childbirths in rural and urban areas, separately for public charitable and private hospitals.

Statement 31: Average out-of-pocket medical expenditure for institutional child births in rural and urban areas, separately for public charitable and private hospitals

Sector	Average OOPME for treatment (₹) per childbirth case in			
	Public	Charitable	Private	All
Rural	2995	24098	23431	17108
Urban	2801	61434	29037	20468
All	2902	46963	25817	18611

Figure 22



3.10 Physical mobility

3.10.1 Percentage distribution of aged Persons of each age group by state of physical mobility

Statement 32 shows percentages of aged persons in different age-groups from 60-64 upwards at different levels of physical mobility

Statement 32: Percentage distribution of aged persons of each age-group by state of physical mobility.

Percentage of persons of the category present in the age-group							
Age-group (in years)	60-64	65-69	70-74	75-79	80 & above	70 & above	All
Physically mobile	96.9	95	94.7	88.6	66.6	86	92.1
Confined to home	0.6	0.7	1	2.5	9.2	3.5	1.8
Confined to bed	2.1	3.1	3.2	8.2	23	9.6	5.3
By wheel chair	0	0.8	0.9	0.6	0.9	0.8	0.6

Figure 23

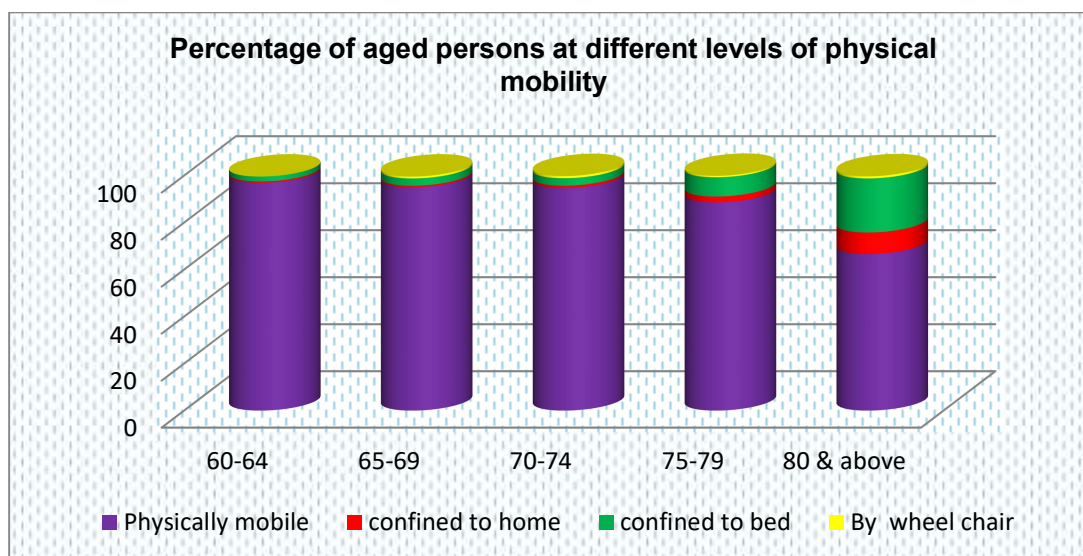


Figure 23 shows percentages of aged persons in different age-groups from 60-64 upwards at different levels of physical mobility.

3.11 Immunization of children

3.11.1 Children 0-5 years received any vaccine and average expenditure on immunization

Statement 33: Percentages of children aged 0-5 years received any vaccine and average expenditure (₹) on immunization.

Gender	Rural	Urban	Rural	Urban
	Received any vaccine		Average expenditure on immunization	
Boys	96	99	57	122
Girls	98	97	97	153
All	97	98	77	136

The percentages of rural and urban boys and girls in the age group 0-5 years who received any vaccine and average expenditure on immunization are shown in Statement 33.

3.11.2 Percentages of various immunisation of children age 0- 5 years and average no. of days visiting Anganwadi Centre (AWC).

Statement 34 shows the percentages of various immunisation of children age 0- 5 years by sector. Detailed table gives detailed information for both rural and urban sector

Statement 34: Percentage of children ever received immunisation type.

Sector	Percentage of children ever received immunisation type											
	BCG	OPV/IPV					DPT/ Pentavalent				Measles	Others
		Birth dose	OPV-1	OPV-2	OPV-3	Booster dose	DPT-1	DPT-2	DPT-3	Booster dose		
Rural	80.3	80.4	31.4	0	0	0	0.1	0.7	2.8	0.1	0.2	5.7
Urban	80.8	74.3	30.9	0	0	0	0	0.7	0.4	0	0.4	1
ALL	80.5	77.6	31.2	0	0	0	0.1	0.7	1.7	0	0.3	3.5

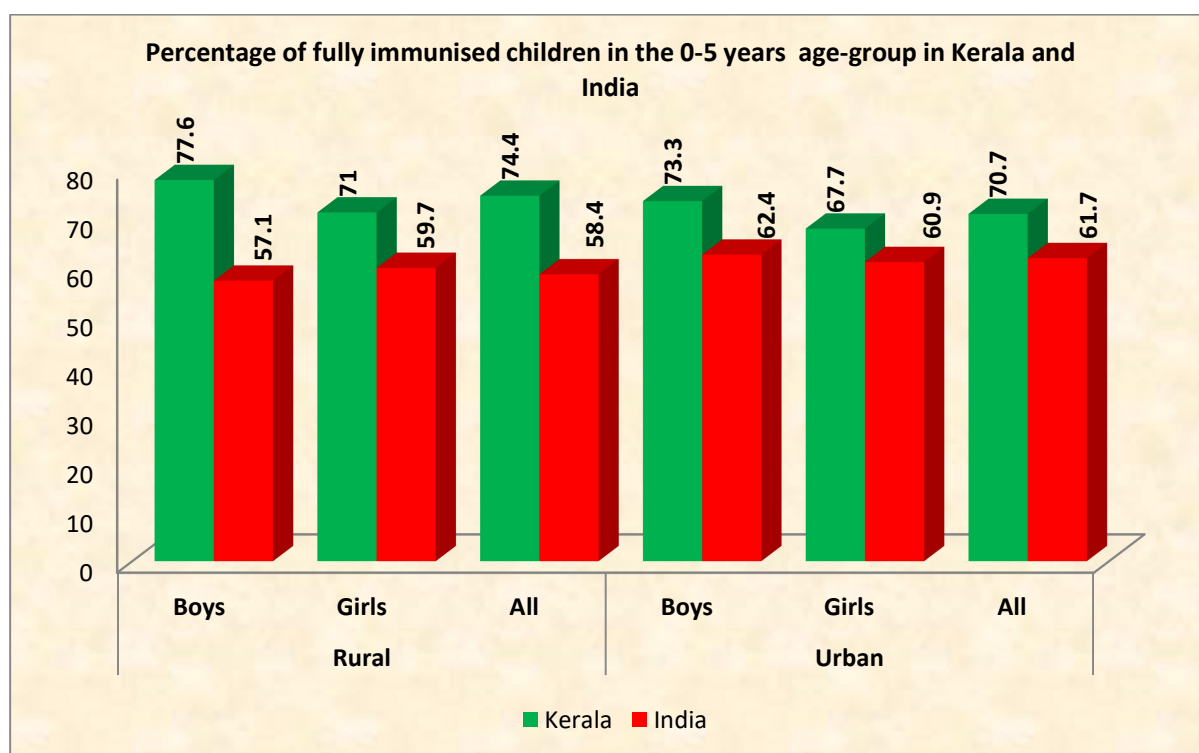
3.11.3 Percentage of fully immunised children in the age-group 0-5years in Kerala and India

Statement 35: Percentage of fully immunised children in the 0-5 years age-group.

Percentage of fully immunised children in the 0-5 years age-group									
Sector	Rural			Urban			Rural+Urban		
Gender	Boys	Girls	All	Boys	Girls	All	Boys	Girls	All
Kerala	77.6	71.0	74.4	73.3	67.7	70.7	75.8	69.6	72.8
India	57.1	59.7	58.4	62.4	60.9	61.7	58.5	60.0	59.2

Statement 35 shows the percentages of fully immunised children of age 0-5 years: those who had received all the eight prescribed vaccines by sector and gender.

Figure 24



Annexure - 1

Detailed Tables

Table 1: Number of Villages, Households and Persons in Kerala.

Sector	FSU	Number of surveyed								
		Households	Persons	Children between age 0-5 years	Persons aged 60 years and above	Persons hospitalised during last 365 days	Cases of hospitalisation	Persons reporting chronic ailment	Persons reporting ailment during last 15 days for which they were	
									Hospitalised	Not hospitalised
Rural	299	2387	10547	1246	1623	2055	2346	1872	42	2299
Urban	260	2078	9104	1065	1390	1762	2049	1654	25	2051
Rural+ Urban	559	4465	19651	2311	3013	3817	4395	3526	67	4350

Table 2: Percentage distribution of population by age-group for each gender in Kerala.

Rural									
Age Group (in year)	Persons in age group No.			Estimated (00) of person			Sample No. of Person		
	Male	Female	Person	Male	Female	Person	Male	Female	Person
0-4	5.7	5.8	5.8	4809	5031	9841	588	571	1159
5-14	7.3	5.7	6.5	6147	4955	11102	380	366	746
10-14	7.6	6	6.8	6411	5203	11613	311	275	586
5-14	14.8	11.8	13.3	12558	10158	22716	691	641	1332
15-19	9	6.6	7.8	7632	5728	13359	317	276	593
20-24	8.4	7.8	8.1	7074	6754	13828	312	464	776
25-29	7.9	6.8	7.3	6645	5849	12494	404	528	932
15-29	25.2	21.2	23.2	21350	18331	39681	1033	1268	2301
30-34	7.4	6.3	6.8	6229	5483	11712	490	380	870
35-39	5	7.4	6.2	4246	6372	10619	334	326	660
40-44	5.4	8.6	7	4546	7397	11943	259	322	581
30-44	17.8	22.3	20	15022	19253	34275	1083	1028	2111
45-49	7.3	8.3	7.8	6196	7169	13365	271	357	628
50-59	13.9	15.1	14.5	11750	13064	24814	609	784	1393
45-59	21.2	23.4	22.3	17946	20233	38179	880	1141	2021
60-64	4.6	5.3	5	3890	4608	8498	285	296	581
65-69	4.9	4.8	4.9	4145	4184	8330	241	227	468
70-74	2.9	2.3	2.6	2485	2006	4491	139	114	253
75-79	1.5	1.4	1.5	1304	1201	2505	74	76	150
60-79	14	13.9	13.9	11825	11999	23824	739	713	1452
80 & above	1.3	1.6	1.4	1075	1402	2478	65	106	171
70 & above	5.8	5.3	5.5	4864	4610	9474	278	296	574
60 & above	15.3	15.5	15.4	12900	13402	26301	804	819	1623
Total	100	100	100	84585	86408	170993	5079	5468	10547
Estimated (00) of person	84585	86408	170993	XX	XX	XX	XX	XX	XX
Sample No. of Person	5079	5468	10547	XX	XX	XX	XX	XX	XX

Table 2: Percentage distribution of population by age-group for each gender.

Urban									
Age Group (in year)	Persons in age group No.			Estimated (00) of person			Sample No. of Person		
	Male	Female	Person	Male	Female	Person	Male	Female	Person
0-4	6.4	4.9	5.6	4240	3549	7789	510	482	992
5-14	7.5	5.6	6.5	4977	4086	9064	331	307	638
10-14	8	6.5	7.3	5307	4761	10116	286	267	554
5-14	15.5	12.1	13.8	10284	8848	19180	617	574	1192
15-19	8.2	7.4	7.8	5439	5419	10858	272	254	526
20-24	7.3	7.5	7.4	4857	5441	10298	258	394	652
25-29	7.9	6.6	7.2	5205	4795	10000	330	454	784
15-29	23.4	21.5	22.4	15502	15654	31156	860	1102	1962
30-34	6.1	7.4	6.8	4043	5433	9476	353	378	731
35-39	7.1	6.9	7	4684	5057	9741	319	306	625
40-44	5.8	7.3	6.6	3854	5311	9165	230	256	486
30-44	19	21.7	20.4	12581	15801	28382	902	940	1842
45-49	5.9	9.7	7.9	3927	7103	11030	216	340	556
50-59	16.5	12.9	14.6	10902	9423	20325	547	623	1170
45-59	22.4	22.7	22.5	14829	16526	31355	763	963	1726
60-64	4.5	5.1	4.8	2996	3722	6718	235	242	477
65-69	3.5	4.2	3.9	2349	3085	5434	162	189	351
70-74	2.5	3.4	3	1686	2461	4147	137	109	246
75-79	1.6	2.5	2.1	1089	1790	2879	75	94	169
60-79	12.3	15.2	13.8	8119	11059	19178	609	634	1243
80 & above	1	2.1	1.6	664	1516	2180	47	100	147
70 & above	5.2	7.9	6.6	3439	5767	9206	259	303	562
60 & above	13.3	17.2	15.3	8783	12575	21358	656	734	1390
Total	100	100	100	66219	72953	139221	4308	4795	9104
Estimated (00) of person	66219	72953	139221	XX	XX	XX	XX	XX	XX
Sample No. of Person	4308	4795	9104	XX	XX	XX	XX	XX	XX

Table 2: Percentage distribution of population by age-group for each gender.

Rural + Urban									
Age Group (in year)	Persons in age group No.			Estimated (00) of person			Sample No. of Person		
	Male	Female	Person	Male	Female	Person	Male	Female	Person
0-4	6	5.4	5.7	9049	8580	17629	1098	1053	2151
5-14	7.4	5.7	6.5	11125	9042	20166	711	673	1384
10-14	7.8	6.3	7	11718	9964	21730	597	542	1140
5-14	15.1	11.9	13.5	22842	19005	41896	1308	1215	2524
15-19	8.7	7	7.8	13071	11146	24217	589	530	1119
20-24	7.9	7.7	7.8	11931	12195	24126	570	858	1428
25-29	7.9	6.7	7.3	11850	10644	22494	734	982	1716
15-29	24.4	21.3	22.8	36852	33985	70837	1893	2370	4263
30-34	6.8	6.9	6.8	10272	10917	21189	843	758	1601
35-39	5.9	7.2	6.6	8930	11429	20360	653	632	1285
40-44	5.6	8	6.8	8401	12708	21109	489	578	1067
30-44	18.3	22	20.2	27603	35054	62657	1985	1968	3953
45-49	6.7	9	7.9	10122	14272	24395	487	697	1184
50-59	15	14.1	14.6	22653	22487	45139	1156	1407	2563
45-59	21.7	23.1	22.4	32775	36759	69534	1643	2104	3747
60-64	4.6	5.2	4.9	6886	8330	15216	520	538	1058
65-69	4.3	4.6	4.4	6494	7270	13764	403	416	819
70-74	2.8	2.8	2.8	4171	4467	8638	276	223	499
75-79	1.6	1.9	1.7	2393	2991	5385	149	170	319
60-79	13.2	14.5	13.9	19944	23058	43002	1348	1347	2695
80 & above	1.2	1.8	1.5	1739	2918	4658	112	206	318
70 & above	5.5	6.5	6	8303	10377	18680	537	599	1136
60 & above	14.4	16.3	15.4	21683	25977	47660	1460	1553	3013
Total	100	100	100	150805	159360	310213	9387	10263	19651
Estimated (00) of person	150805	159360	310213	XX	XX	XX	XX	XX	XX
Sample No. of Person	9387	10263	19651	XX	XX	XX	XX	XX	XX

Table 3: Percentage distribution of spells of ailment over broad ailment categories for different age groups during the last 15 days in Kerala.

Broad ailment category	Rural							Male			Spells of ailment	
	Age-group									Estd.(00)	Sample	
	0-4	5-14	15-29	30-44	45-59	60-69	70+	60+	All			
Infection	76.8	45.6	55.7	9.2	7.4	4.7	2.6	3.7	11.7	2667	182	
Cancers	0	0.5	0.4	0.3	0.1	0.3	0.4	0.4	0.3	69	8	
Blood Diseases	0	0.8	0	3.2	0	0	0.4	0.2	0.4	98	4	
Endocrine, Metabolic, Nutritional	1.4	2.5	0.4	20	29.1	35.2	22.8	29.5	25.1	5718	328	
Psychiatric & Neurological	1.6	2	0.5	3.8	3.2	2.1	5.7	3.8	3.3	760	61	
Eye	1.2	0.5	1.1	0	0.9	2.2	1.4	1.8	1.3	296	15	
Ear	0	1	0	0.4	0.7	0.3	1.6	0.9	0.7	165	9	
Cardio-Vascular	0	0	10.5	24.9	34.7	37.4	45.2	41	33.2	7569	421	
Respiratory	17.1	24.1	15	23	4.2	6.5	7.1	6.8	9.1	2080	127	
Gastro-Intestinal	1	6.6	3.2	2.5	4	2.1	1.5	1.8	2.8	628	39	
Skin	0.7	8.2	2.2	2.7	0.6	0.2	0	0.1	1	231	19	
Musculo-Skeletal	0.2	0.4	1.1	3.8	11.7	5.2	8.5	6.7	7.1	1608	88	
Genito-Urinary	0	5.6	8.5	0.7	1	2	2.6	2.3	2.1	489	38	
Obstetric	0	0	0	0	0	0	0	0	0	0	0	
Injuries	0	0.4	0.6	5.2	1.7	0	0.1	0.1	1	232	16	
Others	0	1.7	0.8	0.3	0.6	1.6	0.1	0.9	0.8	177	13	
All	100	100	100	100	100	100	100	100	100	22786	1368	
Estd.no.of spells of ailment (00)	668	1159	958	2098	6196	6295	5412	11708	22786	X	X	
No. of sample spells	73	64	63	125	370	389	284	673	1368	X	X	

Table 3: Percentage distribution of spells of ailment over broad ailment categories for different age groups during the last 15 days in Kerala.

Broad ailment category	Rural							Female			Spells of ailment	
	Age-group							60+	All	Estd.(00)	Sample	
	0-4	5-14	15-29	30-44	45-59	60-69	70+					
Infection	62.5	53.3	28.3	19.9	6	3.6	2.1	3.1	9.6	2702	154	
Cancers	0	0	0	0.4	0.6	0.2	0.3	0.3	0.4	105	14	
Blood Diseases	0	0.5	0.3	2.3	0.6	0.9	0.5	0.8	0.8	235	12	
Endocrine, Metabolic, Nutritional	0	2.8	4.4	24.9	33	27.2	23.5	25.9	26	7351	451	
Psychiatric & Neurological	1.6	5.4	7.6	6.3	2.9	2.6	3.2	2.8	3.4	966	74	
Eye	0	2.4	2.2	0	0.3	1.7	0.7	1.3	0.9	248	18	
Ear	0	1.1	6.1	0.3	1.5	0.9	0	0.6	1.1	300	10	
Cardio-Vascular	0	2.8	3.2	9.1	31.1	35.6	48.7	40.2	30.5	8622	496	
Respiratory	29.9	22.1	24.1	19	5.1	4.4	3.1	3.9	7.8	2192	144	
Gastro-Intestinal	3	2.5	1.5	0.9	1.5	3.8	1.5	3	2.2	619	39	
Skin	1.3	1.7	2.1	1	0.2	0.2	0.2	0.2	0.4	123	17	
Musculo-Skeletal	0	1.7	0.7	12	13.2	17.9	14.9	16.8	13.7	3859	213	
Genito-Urinary	0	0	2.1	3	2	1.2	0.5	0.9	1.5	423	24	
Obstetric	0	0	7.4	0	0	0	0	0	0.3	82	2	
Injuries	0	2.9	3.6	0	0.3	0	0.5	0.2	0.4	115	8	
Others	1.7	0.6	6.3	0.9	1.7	0.1	0.3	0.2	1	293	23	
All	100	100	100	100	100	100	100	100	100	28234	1699	
Estd.no.of spells of ailment (00)	588	891	1108	2886	9383	8684	4694	13378	28234	X	X	
No. of sample spells	62	65	69	172	569	486	276	762	1699	X	X	

Table 3: Percentage distribution of spells of ailment over broad ailment categories for different age groups during the last 15 days in Kerala.

Broad ailment category	Rural							All			Spells of ailment	
	Age-group							60+	All	Estd.(00)	Sample	
	0-4	5-14	15-29	30-44	45-59	60-69	70+					
Infection	70.1	49	41	15.4	6.6	4	2.4	3.4	10.5	5368	336	
Cancers	0	0.3	0.2	0.4	0.4	0.3	0.4	0.3	0.3	174	22	
Blood Diseases	0	0.7	0.2	2.7	0.4	0.5	0.4	0.5	0.7	332	16	
Endocrine, Metabolic, Nutritional	0.8	2.7	2.5	22.9	31.5	30.6	23.1	27.6	25.6	13069	779	
Psychiatric & Neurological	1.6	3.5	4.3	5.2	3	2.4	4.5	3.2	3.4	1726	135	
Eye	0.6	1.3	1.7	0	0.5	1.9	1	1.6	1.1	544	33	
Ear	0	1	3.3	0.4	1.1	0.6	0.9	0.7	0.9	465	19	
Cardio-Vascular	0	1.2	6.6	15.7	32.5	36.3	46.8	40.6	31.7	16190	917	
Respiratory	23.1	23.3	19.9	20.7	4.8	5.3	5.2	5.3	8.4	4272	271	
Gastro-Intestinal	1.9	4.8	2.3	1.5	2.5	3.1	1.5	2.4	2.4	1247	78	
skin	1	5.4	2.2	1.7	0.4	0.2	0.1	0.2	0.7	354	36	
Musculo-Skeletal	0.1	1	0.9	8.5	12.6	12.5	11.5	12.1	10.7	5467	301	
Genito-Urinary	0	3.1	5.1	2	1.6	1.5	1.6	1.5	1.8	911	62	
Obstetric	0	0	4	0	0	0	0	0	0.2	82	2	
Injuries	0	1.5	2.2	2.2	0.8	0	0.3	0.1	0.7	347	24	
Others	0.8	1.2	3.8	0.6	1.2	0.8	0.2	0.5	0.9	471	36	
All	100	100	100	100	100	100	100	100	100	51020	3067	
Estd.no.of spells of ailment (00)	1256	2050	2066	4984	15579	14980	10106	25086	51020	X	X	
No. of sample spells	135	129	132	297	939	875	560	1435	3067	X	X	

Table 3: Percentage distribution of spells of ailment over broad ailment categories for different age groups during the last 15 days in Kerala.

Broad ailment category	Urban							Male			Spells of ailment	
	Age-group							60+	All	Estd.(00)	Sample	
	0-4	5-14	15-29	30-44	45-59	60-69	70+					
Infection	50.7	56.8	59.3	17.1	12.5	5.3	1.5	3.7	14.4	2732	176	
Cancers	0	0.1	0	0.1	0.2	0.7	0.2	0.5	0.3	55	10	
Blood Diseases	0	0	0	0	0.2	2	0.4	1.3	0.7	126	6	
Endocrine, Metabolic, Nutritional	2.2	0.8	1.4	13	30.5	31.1	29	30.2	25.1	4760	282	
Psychiatric & Neurological	4.7	3.8	4.3	8.5	1.9	1.6	8.1	4.3	3.9	735	62	
Eye	1.3	0.4	0	1.4	0	0.7	2.3	1.3	0.8	152	8	
Ear	4	0	0	1.1	0.3	0	0	0	0.4	70	7	
Cardio-Vascular	0.1	0.6	0.4	27.4	39.4	42.8	34.2	39.2	33.4	6327	378	
Respiratory	15.7	20.5	24.6	14.3	2.1	6.2	10.3	7.9	8.1	1539	117	
Gastro-Intestinal	12.4	0	2.5	8	0.5	2.2	1.4	1.8	2.4	446	29	
Skin	0	4.1	2.7	0.2	1.4	0.1	1.9	0.8	1.1	216	14	
Musculo-Skeletal	0	0	1.7	3.1	9.4	4.6	4.7	4.6	5.6	1061	76	
Genito-Urinary	8.4	0	0	0.2	0.8	0.8	5.1	2.6	1.8	333	28	
Obstetric	0.4	0	0	0	0	0	0	0	0	3	2	
Injuries	0	12.9	2.7	1.1	0.4	1.5	0.4	1.1	1.4	258	17	
Others	0	0	0.5	4.5	0.4	0.4	0.5	0.5	0.8	152	14	
All	100	100	100	100	100	100	100	100	100	18965	1226	
Estd.no.of spells of ailment (00)	750	793	807	1801	6408	4919	3486	8406	18965	X	X	
No. of sample spells	102	49	57	100	339	302	277	579	1226	X	X	

Table 3: Percentage distribution of spells of ailment over broad ailment categories for different age groups during the last 15 days in Kerala.

Broad ailment category	Urban									Female	
	Age-group									Spells of ailment	
	0-4	5-14	15-29	30-44	45-59	60-69	70+	60+	All	Estd.(00)	Sample
Infection	68	29.9	23.8	12.9	6.4	4.1	1.7	2.8	8.2	2089	142
Cancers	0	1.1	0	1.6	0.4	1.8	0.2	0.9	0.8	195	24
Blood Diseases	0	0	0	0	0.6	0	0	0	0.2	52	3
Endocrine, Metabolic, Nutritional	0	3.7	12.4	28.8	39.2	27.3	31.9	29.8	30.4	7756	387
Psychiatric & Neurological	3.4	0.8	14.5	3.7	4.7	2.7	3.1	2.9	4	1020	74
Eye	0	2	0.5	0	0.2	1.9	3.8	2.9	1.6	402	26
Ear	0	0	0	0	0.9	0.9	0.1	0.5	0.5	133	6
Cardio-Vascular	0	0.4	0.4	24.1	26.9	41.2	39.2	40.1	30.6	7807	452
Respiratory	27.2	54.5	22.3	11.5	3.6	4.2	6.6	5.5	8.2	2105	125
Gastro-Intestinal	0.5	0.4	11.3	4.2	0.6	2.4	2	2.2	2.1	538	25
Skin	0.5	0	4.7	0.9	2.2	1.3	0.1	0.7	1.3	334	23
Musculo-Skeletal	0	0	3.1	8.7	10.6	6.8	7.7	7.3	7.9	2009	127
Genito-Urinary	0	1.9	3.2	2.5	1.9	1.9	0.5	1.2	1.6	410	27
Obstetric	0	0	2.6	0.4	0	0	0	0	0.1	36	5
Injuries	0.5	5.4	0	0.5	0.1	1.4	0.3	0.8	0.7	168	16
Others	0	0	1	0.2	1.6	2.1	2.9	2.5	1.8	459	19
All	100	100	100	100	100	100	100	100	100	25512	1481
Estd.no.of spells of ailment (00)	613	852	1070	2165	8173	5842	6798	12640	25512	X	X
No. of sample spells	57	49	79	121	465	394	316	710	1481	X	X

Table 3: Percentage distribution of spells of ailment over broad ailment categories for different age groups during the last 15 days in Kerala.

Broad ailment category	Urban					Transgender					Spells of ailment	
	Age-group										Estd.(00)	Sample
	0-4	5-14	15-29	30-44	45-59	60-69	70+	60+	All			
Infection	0	0	0	0	0	0	0	0	0	0	0	0
Cancers	0	0	0	0	0	0	0	0	0	0	0	0
Blood Diseases	0	0	0	0	0	0	0	0	0	0	0	0
Endocrine, Metabolic, Nutritional	0	0	0	0	0	0	0	0	0	0	0	0
Psychiatric & Neurological	0	0	0	0	0	0	0	0	0	0	0	0
Eye	0	0	0	0	0	0	0	0	0	0	0	0
Ear	0	0	0	0	0	0	0	0	0	0	0	0
Cardio-Vascular	0	0	0	0	0	0	0	0	0	0	0	0
Respiratory	0	0	0	0	0	0	0	0	0	0	0	0
Gastro-Intestinal	0	0	0	0	0	0	0	0	0	0	0	0
skin	0	0	0	0	0	0	0	0	0	0	0	0
Musculo-Skeletal	0	0	0	0	0	0	0	0	0	0	0	0
Genito-Urinary	0	0	0	0	0	0	0	0	0	0	0	0
Obstetric	0	0	0	0	0	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0
All	0	0	0	0	0	0	0	0	0	0	0	0
Estd.no.of spells of ailment (00)	0	0	0	0	0	0	0	0	0	0	X	X
No. of sample spells	0	0	0	0	0	0	0	0	0	0	X	X

Table 3: Percentage distribution of spells of ailment over broad ailment categories for different age groups during the last 15 days in Kerala.

Broad ailment category	Urban							All			Spells of ailment	
	Age-group											
	0-4	5-14	15-29	30-44	45-59	60-69	70+	60+	All	Estd.(00)	Sample	
Infection	58.5	42.8	39.1	14.8	9.1	4.7	1.7	3.2	10.8	4821	318	
Cancers	0	0.6	0	0.9	0.3	1.3	0.2	0.8	0.6	250	34	
Blood Diseases	0	0	0	0	0.5	0.9	0.1	0.5	0.4	179	9	
Endocrine, Metabolic, Nutritional	1.2	2.3	7.7	21.6	35.4	29	30.9	30	28.1	12516	669	
Psychiatric & Neurological	4.1	2.2	10.1	5.9	3.5	2.2	4.8	3.5	3.9	1755	136	
Eye	0.7	1.2	0.3	0.7	0.1	1.3	3.3	2.3	1.2	554	34	
Ear	2.2	0	0	0.5	0.6	0.5	0	0.3	0.5	202	13	
Cardio-Vascular	0.1	0.5	0.4	25.6	32.4	42	37.5	39.8	31.8	14134	830	
Respiratory	20.9	38.1	23.3	12.8	2.9	5.1	7.8	6.5	8.2	3643	242	
Gastro-Intestinal	7	0.2	7.5	5.9	0.6	2.3	1.8	2	2.2	984	54	
Skin	0.2	2	3.9	0.6	1.8	0.7	0.7	0.7	1.2	550	37	
Musculo-Skeletal	0	0	2.5	6.2	10.1	5.8	6.7	6.2	6.9	3069	203	
Genito-Urinary	4.6	1	1.8	1.5	1.4	1.4	2.1	1.7	1.7	743	55	
Obstetric	0.2	0	1.5	0.2	0	0	0	0	0.1	40	7	
Injuries	0.2	9	1.1	0.8	0.2	1.5	0.3	0.9	1	425	33	
Others	0	0	0.8	2.2	1.1	1.3	2.1	1.7	1.4	611	33	
All	100	100	100	100	100	100	100	100	100	44477	2707	
Estd.no.of spells of ailment (00)	1363	1645	1877	3966	14581	10761	10284	21045	44477	X	X	
No. of sample spells	159	98	136	221	804	696	593	1289	2707	X	X	

Table 3: Percentage distribution of spells of ailment over broad ailment categories for different age groups during the last 15 days in Kerala.

Broad ailment category	All									Male	
	Age-group									Spells of ailment	
	0-4	5-14	15-29	30-44	45-59	60-69	70+	60+	All	Estd.(00)	Sample
Infection	63	50.1	57.4	12.9	10	5	2.2	3.7	12.9	5399	358
Cancers	0	0.4	0.2	0.2	0.2	0.5	0.3	0.4	0.3	124	18
Blood Diseases	0	0.5	0	1.7	0.1	0.9	0.4	0.7	0.5	224	10
Endocrine, Metabolic, Nutritional	1.8	1.8	0.8	16.8	29.8	33.4	25.2	29.8	25.1	10478	610
Psychiatric & Neurological	3.3	2.7	2.2	6	2.5	1.9	6.6	4	3.6	1495	123
Eye	1.2	0.5	0.6	0.7	0.5	1.6	1.7	1.6	1.1	448	23
Ear	2.1	0.6	0	0.7	0.5	0.2	1	0.5	0.6	235	16
Cardio-Vascular	0.1	0.3	5.9	26	37.1	39.7	40.9	40.2	33.3	13895	799
Respiratory	16.4	22.7	19.4	19	3.2	6.4	8.4	7.3	8.7	3618	244
Gastro-Intestinal	7	3.9	2.9	5	2.3	2.1	1.4	1.8	2.6	1075	68
Skin	0.3	6.5	2.4	1.5	1	0.2	0.8	0.4	1.1	447	33
Musculo-Skeletal	0.1	0.2	1.3	3.5	10.5	4.9	7	5.9	6.4	2668	164
Genito-Urinary	4.5	3.3	4.6	0.5	0.9	1.5	3.5	2.4	2	822	66
Obstetric	0.2	0	0	0	0	0	0	0	0	3	2
Injuries	0	5.5	1.6	3.3	1	0.7	0.2	0.5	1.2	490	33
Others	0	1	0.7	2.2	0.5	1.1	0.3	0.7	0.8	329	27
All	100	100	100	100	100	100	100	100	100	41751	2594
Estd.no.of spells of ailment (00)	1418	1952	1765	3899	12603	11215	8899	20113	41751	X	X
No. of sample spells	175	113	120	225	709	691	561	1252	2594	X	X

Table 3: Percentage distribution of spells of ailment over broad ailment categories for different age groups during the last 15 days in Kerala.

Broad ailment category	All									Female	
	Age-group									Spells of ailment	
	0-4	5-14	15-29	30-44	45-59	60-69	70+	60+	All	Estd.(00)	Sample
Infection	65.3	41.8	26.1	16.9	6.2	3.8	1.9	2.9	8.9	4791	296
Cancers	0	0.6	0	0.9	0.5	0.9	0.3	0.6	0.6	301	38
Blood Diseases	0	0.3	0.2	1.3	0.6	0.5	0.2	0.4	0.5	287	15
Endocrine, Metabolic, Nutritional	0	3.3	8.3	26.6	35.9	27.2	28.5	27.8	28.1	15107	838
Psychiatric & Neurological	2.5	3.1	11	5.2	3.8	2.6	3.1	2.9	3.7	1986	148
Eye	0	2.2	1.3	0	0.2	1.7	2.5	2.1	1.2	650	44
Ear	0	0.5	3.1	0.2	1.2	0.9	0	0.5	0.8	432	16
Cardio-Vascular	0	1.6	1.9	15.5	29.2	37.9	43.1	40.2	30.6	16429	948
Respiratory	28.6	38	23.2	15.8	4.4	4.3	5.1	4.7	8	4297	269
Gastro-Intestinal	1.7	1.5	6.3	2.3	1.1	3.2	1.8	2.6	2.2	1157	64
Skin	0.9	0.9	3.4	1	1.1	0.6	0.2	0.4	0.8	457	40
Musculo-Skeletal	0	0.9	1.9	10.6	12	13.4	10.6	12.2	10.9	5868	340
Genito-Urinary	0	0.9	2.7	2.8	2	1.4	0.5	1	1.5	832	51
Obstetric	0	0	5.1	0.2	0	0	0	0	0.2	119	7
Injuries	0.3	4.1	1.8	0.2	0.2	0.6	0.4	0.5	0.5	282	24
Others	0.8	0.3	3.7	0.6	1.6	0.9	1.8	1.3	1.4	752	42
All	100	100	100	100	100	100	100	100	100	53747	3180
Estd.no.of spells of ailment (00)	1201	1744	2177	5051	17556	14526	11491	26018	53747	X	X
No. of sample spells	119	114	148	293	1034	880	592	1472	3180	X	X

Table 3: Percentage distribution of spells of ailment over broad ailment categories for different age groups during the last 15 days in Kerala.

Broad ailment category	All							Transgender			Spells of ailment	
	Age-group							60+	All	Estd.(00)	Sample	
	0-4	5-14	15-29	30-44	45-59	60-69	70+					
Infection	0	0	0	0	0	0	0	0	0	0	0	
Cancers	0	0	0	0	0	0	0	0	0	0	0	
Blood Diseases	0	0	0	0	0	0	0	0	0	0	0	
Endocrine, Metabolic, Nutritional	0	0	0	0	0	0	0	0	0	0	0	
Psychiatric & Neurological	0	0	0	0	0	0	0	0	0	0	0	
Eye	0	0	0	0	0	0	0	0	0	0	0	
Ear	0	0	0	0	0	0	0	0	0	0	0	
Cardio-Vascular	0	0	0	0	0	0	0	0	0	0	0	
Respiratory	0	0	0	0	0	0	0	0	0	0	0	
Gastro-Intestinal	0	0	0	0	0	0	0	0	0	0	0	
Skin	0	0	0	0	0	0	0	0	0	0	0	
Musculo-Skeletal	0	0	0	0	0	0	0	0	0	0	0	
Genito-Urinary	0	0	0	0	0	0	0	0	0	0	0	
Obstetric	0	0	0	0	0	0	0	0	0	0	0	
Injuries	0	0	0	0	0	0	0	0	0	0	0	
Others	0	0	0	0	0	0	0	0	0	0	0	
All	0	0	0	0	0	0	0	0	0	0	0	
Estd.no.of spells of ailment (00)	0	0	0	0	0	0	0	0	0	0	X	X
No. of sample spells	0	0	0	0	0	0	0	0	0	0	X	X

Table 3: Percentage distribution of spells of ailment over broad ailment categories for different age groups during the last 15 days in Kerala.

Broad ailment category	All							Transgender			Spells of ailment	
	Age-group							60+	All	Estd.(00)	Sample	
	0-4	5-14	15-29	30-44	45-59	60-69	70+					
Infection	64	46.2	40.1	15.1	7.8	4.3	2	3.3	10.7	10190	654	
Cancers	0	0.5	0.1	0.6	0.4	0.7	0.3	0.5	0.4	424	56	
Blood Diseases	0	0.4	0.1	1.5	0.4	0.7	0.3	0.5	0.5	511	25	
Endocrine, Metabolic, Nutritional	1	2.5	5	22.3	33.3	29.9	27.1	28.7	26.8	25585	1448	
Psychiatric & Neurological	2.9	2.9	7.1	5.5	3.2	2.3	4.7	3.3	3.6	3481	271	
Eye	0.7	1.3	1	0.3	0.3	1.7	2.2	1.9	1.1	1098	67	
Ear	1.1	0.6	1.7	0.4	0.9	0.6	0.4	0.5	0.7	667	32	
Cardio-Vascular	0	0.9	3.7	20.1	32.5	38.7	42.1	40.2	31.8	30324	1747	
Respiratory	21.9	29.9	21.5	17.2	3.9	5.2	6.5	5.8	8.3	7915	513	
Gastro-Intestinal	4.6	2.8	4.8	3.5	1.6	2.7	1.6	2.2	2.3	2232	132	
Skin	0.6	3.9	3	1.2	1.1	0.4	0.4	0.4	0.9	904	73	
Musculo-Skeletal	0.1	0.5	1.6	7.5	11.4	9.7	9.1	9.4	8.9	8536	504	
Genito-Urinary	2.4	2.2	3.5	1.8	1.5	1.5	1.8	1.6	1.7	1655	117	
Obstetric	0.1	0	2.8	0.1	0	0	0	0	0.1	122	9	
Injuries	0.1	4.9	1.7	1.6	0.5	0.6	0.3	0.5	0.8	772	57	
Others	0.4	0.7	2.3	1.3	1.2	1	1.1	1.1	1.1	1082	69	
All	100	100	100	100	100	100	100	100	100	95497	5774	
Estd.no.of spells of ailment (00)	2619	3696	3943	8950	30159	25741	20390	46131	95497	X	X	
No. of sample spells	294	227	268	518	1743	1571	1153	2724	5774	X	X	

Table 4: Percentage distribution of spells not treated and percentage district of treated spells of ailment by nature of treatment for each Quintile class of MPCE and gender in Kerala.

Rural										
Gender	Quintile class of UMPCE	Treatment received from							No. Spells of ailment	
		Proportion (per 1000) of spells not treated	Allopathy	Indian system of medicine	Homeopathy	Yoga	Others	All	Estd.(00)	Sample
Male	1st Quintile	738	81.8	13.6	3.4	0	1.2	100	2716	180
	2nd Quintile	0	96.6	1.7	1.7	0	0	100	3748	233
	3rd Quintile	262	92.2	1.6	5.3	0.7	0.1	100	5018	298
	4th Quintile	0	90.8	6.3	2.9	0	0	100	4489	285
	5th Quintile	0	96.1	1.7	2.2	0	0	100	6815	372
	All (incl.n.r.)	1000	92.6	4	3.1	0.2	0.2	100	22786	1368
Female	1st Quintile	185	80.1	19.3	0.6	0	0	100	3075	202
	2nd Quintile	406	84.1	11.6	4.2	0.1	0	100	4946	333
	3rd Quintile	409	91.7	4.5	3.2	0.5	0	100	5855	376
	4th Quintile	0	86.3	5.5	6.3	1.6	0.2	100	6244	373
	5th Quintile	0	90.5	5.6	3.7	0.1	0.2	100	8115	415
	All (incl.n.r.)	1000	87.6	7.9	3.9	0.5	0.1	100	28234	1699
All	1st Quintile	291	80.9	16.6	1.9	0	0.5	100	5791	382
	2nd Quintile	328	89.6	7.3	3.1	0	0	100	8694	566
	3rd Quintile	381	91.9	3.2	4.2	0.6	0	100	10873	674
	4th Quintile	0	88.2	5.8	4.9	1	0.1	100	10733	658
	5th Quintile	0	93	3.8	3	0	0.1	100	14930	787
	All (incl.n.r.)	1000	89.8	6.1	3.5	0.4	0.1	100	51020	3067

Table 4: Percentage distribution of spells not treated and percentage district of treated spells of ailment by nature of treatment for each Quintile class of MPCE and gender in Kerala.

Urban										
Gender	Quintile class of UMPCE	Treatment received from							No. Spells of ailment	
		Proportion (per 1000) of spells not treated	Allopathy	Indian system of medicine	Homeopathy	Yoga	Others	All	Estd.(00)	Sample
Male	1st Quintile	222	93.3	6.3	0.4	0	0	100	2066	156
	2nd Quintile	365	93	1.6	5.2	0.2	0	100	4008	262
	3rd Quintile	0	91	4.4	3.7	0.4	0.6	100	3445	237
	4th Quintile	53	89.3	6.9	3.4	0.5	0	100	4496	274
	5th Quintile	360	89.7	6.5	3.6	0	0.2	100	4950	297
	All (incl.n.r.)	1000	90.9	5.2	3.6	0.2	0.2	100	18965	1226
Female	1st Quintile	0	85.9	9.3	4.7	0	0.1	100	2877	194
	2nd Quintile	6	93.9	3.7	2.5	0	0	100	5563	304
	3rd Quintile	85	92.6	6.1	0.9	0	0.4	100	4801	290
	4th Quintile	0	90.7	5.9	3.3	0	0.1	100	6378	337
	5th Quintile	909	90.8	5.7	3.4	0	0.1	100	5893	356
	All (incl.n.r.)	1000	91.2	5.8	2.9	0	0.1	100	25512	1481
All	1st Quintile	75	89	8.1	2.9	0	0	100	4943	350
	2nd Quintile	126	93.5	2.8	3.6	0.1	0	100	9571	566
	3rd Quintile	57	91.9	5.4	2.1	0.2	0.5	100	8246	527
	4th Quintile	18	90.1	6.3	3.3	0.2	0	100	10874	611
	5th Quintile	724	90.3	6.1	3.5	0	0.1	100	10843	653
	All (incl.n.r.)	1000	91.1	5.5	3.2	0.1	0.1	100	44477	2707

Table 4: Percentage distribution of spells not treated and percentage district of treated spells of ailment by nature of treatment for each Quintile class of MPCE and gender in Kerala.

Rural +Urban										
Gender	Quintile class of UMPCE	Treatment received from							No. Spells of ailment	
		Proportion (per 1000) of spells not treated	Allopathy	Indian system of medicine	Homeopathy	Yoga	Others	All	Estd.(00)	Sample
Male	1st Quintile	490	86.8	10.4	2.1	0	0.7	100	4782	336
	2nd Quintile	175	94.7	1.7	3.5	0.1	0	100	7756	495
	3rd Quintile	136	91.7	2.7	4.7	0.6	0.3	100	8463	535
	4th Quintile	26	90	6.6	3.1	0.3	0	100	8984	559
	5th Quintile	173	93.4	3.7	2.8	0	0.1	100	11765	669
	All (incl.n.r.)	1000	91.8	4.5	3.3	0.2	0.2	100	41751	2594
Female	1st Quintile	129	82.9	14.4	2.6	0	0	100	5952	396
	2nd Quintile	284	89.3	7.4	3.3	0	0	100	10509	637
	3rd Quintile	311	92.1	5.2	2.2	0.3	0.2	100	10656	666
	4th Quintile	0	88.5	5.7	4.8	0.8	0.1	100	12622	710
	5th Quintile	276	90.6	5.6	3.6	0	0.2	100	14007	771
	All (incl.n.r.)	1000	89.3	6.9	3.4	0.3	0.1	100	53747	3180
All	1st Quintile	216	84.6	12.7	2.4	0	0.3	100	10734	732
	2nd Quintile	258	91.6	4.9	3.4	0.1	0	100	18265	1132
	3rd Quintile	269	91.9	4.1	3.3	0.4	0.2	100	19119	1201
	4th Quintile	6	89.2	6.1	4.1	0.6	0.1	100	21607	1269
	5th Quintile	251	91.9	4.7	3.2	0	0.1	100	25772	1440
	All (incl.n.r.)	1000	90.4	5.8	3.4	0.2	0.1	100	95497	5774

Table 5: Hospitalisation cases (excluding childbirth) per 100,000 persons during the last 365 days by age - group in Kerala.

Age - group	Rural			Urban			Rural + Urban			Estd. no. (00) of hospitalisation cases	No. of sample hospitalisation cases
	Male	Female	Person	Male	Female	Person	Male	Female	Person		
0-4	8240	8005	8120	11256	13185	12133	9655	10148	9895	1747	287
5-14	4677	4462	4581	6485	3998	5321	5491	4246	4920	2061	255
15-29	3772	4292	4000	3341	4753	4021	3591	4506	4010	2727	382
30-44	5364	6054	5747	5981	6192	6097	5645	6116	5906	3652	456
45-59	10419	10842	10642	8885	7714	8267	9728	9435	9573	6676	838
60-69	19344	14615	16875	18998	15732	17165	19206	15104	16997	4954	627
70-74	25237	14490	20442	36910	13922	23362	29978	14178	21843	1907	230
75-79	19756	20744	20249	33609	14445	21687	26054	17095	21004	1156	136
80+	32572	40691	37183	27704	24395	25377	30762	32274	31715	1560	191
70+	25477	24312	24902	34094	16941	23335	29032	20269	24137	4623	557
60+	21680	18046	19821	24937	16289	19837	22998	17198	19828	9577	1184
All	8609	8713	8661	8961	8128	8526	8763	8445	8600	26440	3402

Table 6: Percentage distribution of hospitalised cases (excluding childbirth) during last 365 days over broad ailment categories for different age groups in Kerala.

Broad ailment category	Rural					Male					No. of hospitalisation cases	
	0-4	5-14	15-29	30-44	45-59	60-69	60 years and above	70 years and above	80 years and above	All	Estd. (00)	Sample
	Infection	35.3	60.9	36.4	30.8	17	14.7	17.4	20.7	19		
Cancers	0	0	0.5	2.7	1.2	1.8	1.2	0.5	0	1.1	83	12
Blood Diseases	0	0	0	1.4	0.4	0	0.9	2	3.6	0.6	44	8
Endocrine, Metabolic, Nutritional	1.3	0	3.8	3.9	6.5	5.7	9.2	13.5	8.6	6.1	448	51
Psychiatric & Neurological	2.7	2.3	1.3	2.6	8.7	8.6	9.1	9.8	3.3	6.5	478	61
Eye	6.7	0	0	0.4	0.9	4.3	3.8	3.2	3.6	2.1	153	19
Ear	0	0.8	1.8	0	1	0	0	0	0	0.5	38	6
Cardio-Vascular	1.6	0	0.4	8.8	21.7	15.4	15.9	16.4	15	12.8	938	119
Respiratory	26.5	13.5	0	0.8	2	13.3	11.2	8.6	12.2	7.5	545	83
Gastro-Intestinal	3.4	2.7	17.4	11	5	9.1	5.3	0.7	0	6.9	503	59
Skin	0.0	0	1.5	1.4	2.2	1	0.8	0.6	0	1.2	87	9
Musculo-Skeletal	1	3.2	3.4	5.5	6.5	12.3	11.4	10.4	16.3	7.4	540	62
Genito-Urinary	5.1	2.2	3	10.3	8.7	9.4	9.5	9.6	8.4	7.8	573	70
Obstetric	13.1	0	0	0	0	0	0	0	0	0.7	52	16
Injuries	2.2	13.3	30.1	19.9	17.9	4.3	4.2	4.2	10	13	947	98
Others	1.2	1.1	0.4	0.6	0.3	0.1	0	0	0	0.4	26	7
All	100	100	100	100	100	100	100	100	100	100	7309	913
Estimated no. of Hospital Cases (00)	397	587	805	807	1886	1562	2827	1265	372	7309	X	X
Sample Hospital Cases	74	74	93	104	239	185	329	144	43	913	X	X

Table 6: Percentage distribution of hospitalised cases (excluding childbirth) during last 365 days over broad ailment categories for different age groups in Kerala.

Broad ailment category	Rural						Female					No. of hospitalisation cases	
	0-4	5-14	15-29	30-44	45-59	60-69	60 years and above	70 years and above	80 years and above	All	Estd. (00)	Sample	
	Infection	53.7	53.6	27.7	29.4	19	15.4	17.9	20.6	20.1			25.1
Cancers	0.0	0	0	4.3	12.3	2.6	2.4	2.2	4.2	5.1	378	36	
Blood Diseases	0	2	0.4	4.4	1.6	0.8	0.8	0.7	0	1.6	116	15	
Endocrine, Metabolic, Nutritional	0	0	0.4	5	4.5	7.3	8.8	10.5	7.8	5.1	376	53	
Psychiatric & Neurological	8.2	4.7	2.3	4.8	8.4	7.8	8.4	9.2	8	7	517	71	
Eye	0	0	0.2	0	1.8	2.4	2.5	2.7	2.4	1.4	103	16	
Ear	0	0	0.6	2.4	1	0	0	0	0	0.7	54	7	
Cardio-Vascular	0	3.6	0	3.6	7	17.6	17.7	17.9	23.9	8.8	649	76	
Respiratory	16.6	11.7	2.1	4.6	8.9	19.4	13.7	7.4	6.1	9.8	719	77	
Gastro-Intestinal	0	9	8.3	11.4	3.5	5.4	3.9	2.3	0.8	5.5	404	37	
Skin	0.0	3.6	11.3	0.4	0.7	1.2	0.7	0.3	0	1.8	134	11	
Musculo-Skeletal	0	1.2	0	9.2	10.5	9.6	8.2	6.6	4.2	7.4	543	71	
Genito-Urinary	5.1	4.2	11.2	9.1	12.9	6	5	3.9	4.5	8.6	631	70	
Obstetric	14.4	0	34	3.2	0	0	0	0	0	4.6	337	42	
Injuries	2	4	1.5	4.4	7.7	3.8	8	12.5	14.9	6.1	452	59	
Others	0	2.3	0.2	3.9	0.3	0.6	1.8	3.1	3	1.5	108	14	
All	100	100	100	100	100	100	100	100	100	100	7370	891	
Estimated no. of Hospital Case (00)	403	453	717	1137	2196	1290	2464	1175	610	7370	X	X	
Sample Hospital Cases	65	64	89	131	244	160	298	138	66	891	X	X	

Table 6: Percentage distribution of hospitalised cases (excluding childbirth) during last 365 days over broad ailment categories for different age groups in Kerala.

Broad ailment category	Rural					All					No. of hospitalisation cases	
	0-4	5-14	15-29	30-44	45-59	60-69	60 years and above	70 years and above	80 years and above	All	Estd. (00)	Sample
	Infection	44.6	57.7	32.3	30	18.1	15	17.6	20.7	19.7		
Cancers	0.0	0	0.3	3.6	7.2	2.2	1.8	1.3	2.6	3.1	461	48
Blood Diseases	0	0.9	0.2	3.2	1	0.4	0.8	1.4	1.4	1.1	160	23
Endocrine, Metabolic, Nutritional	0.6	0	2.2	4.5	5.4	6.4	9	12	8.1	5.6	824	104
Psychiatric & Neurological	5.5	3.3	1.8	3.9	8.5	8.3	8.8	9.5	6.2	6.8	995	132
Eye	3.3	0	0.1	0.1	1.4	3.4	3.2	2.9	2.9	1.7	256	35
Ear	0	0.4	1.2	1.4	1	0	0	0	0	0.6	92	13
Cardio-Vascular	0.8	1.6	0.2	5.8	13.8	16.4	16.7	17.1	20.6	10.8	1588	195
Respiratory	21.5	12.7	1	3	5.7	16.1	12.4	8.1	8.4	8.6	1265	160
Gastro-Intestinal	1.7	5.5	13.1	11.2	4.2	7.4	4.7	1.5	0.5	6.2	906	96
Skin	0.0	1.6	6.1	0.8	1.4	1.1	0.8	0.4	0	1.5	221	20
Musculo-Skeletal	0.5	2.4	1.8	7.7	8.6	11.1	9.9	8.6	8.7	7.4	1083	133
Genito-Urinary	5.1	3.1	6.9	9.6	10.9	7.9	7.4	6.9	6	8.2	1205	140
Obstetric	13.7	0	16	1.9	0	0	0	0	0	2.7	389	58
Injuries	2.1	9.2	16.6	10.8	12.4	4.1	6	8.2	13.1	9.5	1399	157
Others	0.6	1.6	0.3	2.5	0.3	0.3	0.9	1.5	1.9	0.9	134	21
All	100	100	100	100	100	100	100	100	100	100	14679	1804
Estimated no. of Hospital Cases (00)	799	1041	1522	1944	4081	2851	5291	2440	982	14679	X	X
Sample Hospital Cases	139	138	182	235	483	345	627	282	109	1804	X	X

Table 6: Percentage distribution of hospitalised cases (excluding childbirth) during last 365 days over broad ailment categories for different age groups in Kerala.

Broad ailment category	Urban						Male				No. of hospitalisation cases	
	0-4	5-14	15-29	30-44	45-59	60-69	60 years and above	70 years and above	80 years and above	All	Estd. (00)	Sample
	Infection	39.7	58	50.9	21.5	17	12.2	8.5	5.4	0		
Cancers	0.0	0.3	0	3.2	1.1	12.7	7	2	0	3.3	194	25
Blood Diseases	0	0	0	0	0	0	0.2	0.4	0	0.1	4	1
Endocrine, Metabolic, Nutritional	0	0	3	3.1	4.1	4.2	7.5	10.3	19.8	4.3	258	32
Psychiatric & Neurological	0	0	2	4.5	5.9	6.3	8.9	11.2	10.4	5.4	320	44
Eye	4	0	1.6	0	2.6	3	2.7	2.4	2.4	2	120	23
Ear	0	0.6	4.9	0	0	0	0.3	0.6	0	0.6	37	7
Cardio-Vascular	0.8	1.1	0.4	2.2	18.7	17.2	20.7	23.7	28.2	12.3	734	109
Respiratory	25.7	21.9	3.4	5.2	4.3	3.2	9	14	5.6	9.8	582	66
Gastro-Intestinal	0	2.9	3.3	7.5	6	9.3	7.1	5.3	8.3	5.6	330	43
Skin	0.0	0	0	1.7	0.3	0.1	0.4	0.7	0	0.4	27	5
Musculo-Skeletal	0	0	5.6	3.8	6.4	5.7	4.1	2.8	1.6	3.9	233	34
Genito-Urinary	7.6	5.1	0	5.7	7.5	8.5	11.6	14.3	19.2	7.9	468	64
Obstetric	20.4	0	0	0	0	0	0	0	0	1.6	98	22
Injuries	1.7	10.1	24.9	40.3	20.5	10.7	7	3.7	0	15.7	932	105
Others	0	0	0	1.2	5.8	6.8	4.9	3.3	4.6	3.3	194	21
All	100	100	100	100	100	100	100	100	100	100	5947	778
Estimated no. of Hospital Cases (00)	479	667	519	754	1318	1022	2211	1189	187	5947	X	X
Sample Hospital Cases	83	67	88	96	173	138	271	133	26	778	X	X

Table 6: Percentage distribution of hospitalised cases (excluding childbirth) during last 365 days over broad ailment categories for different age groups in Kerala.

Broad ailment category	Urban						Female				No. of hospitalisation cases	
	0-4	5-14	15-29	30-44	45-59	60-69	60 years and above	70 years and above	80 years and above	All	Estd. (00)	Sample
	Infection	52.4	54.5	32.5	25.2	27.7	19.6	18.8	17.9	17.9		
Cancers	0.0	10.9	0	6.6	3.6	9.4	6.1	2.6	0	4.7	275	42
Blood Diseases	0	0	0.8	0.5	0	0	0	0	0	0.2	10	3
Endocrine, Metabolic, Nutritional	0	0	4.6	6.3	2.3	15.6	9.5	3	4.2	5.5	320	37
Psychiatric & Neurological	4.5	1	1.8	5.7	4.1	6.6	8.9	11.3	17.1	5.6	328	47
Eye	0	3.1	1.8	0	0.8	3.4	3.8	4.3	3.4	2	114	16
Ear	0	4.7	2.3	1.4	1.3	2	1.1	0	0	1.5	85	13
Cardio-Vascular	1.2	0	0.4	8.4	19.4	14.9	17.8	21	22.3	12.1	706	86
Respiratory	19.4	6.2	1.3	5.7	10.5	5.7	9.4	13.4	8	8.7	504	74
Gastro-Intestinal	2.7	0	4.1	10.6	7.3	3.4	5.6	8.1	5.7	6.1	353	45
Skin	0.0	0	0	0	0.1	0	1.7	3.5	2.8	0.6	36	4
Musculo-Skeletal	0	5.9	15.3	5.8	5.7	4.2	3.4	2.6	1.5	5.6	325	46
Genito-Urinary	0	4.9	9.6	5.7	4.6	6.6	6.6	6.5	5.3	5.7	332	52
Obstetric	13.9	0	18.8	5.7	0	0	0	0	0	4.3	249	64
Injuries	4.7	3.9	6.1	10.8	10.5	5.4	5.4	5.5	11.2	7.4	428	58
Others	1.2	4.8	0.5	1.6	2	3.3	1.9	0.3	0.6	1.8	106	19
All	100	100	100	100	100	100	100	100	100	100	5814	820
Estimated no. of Hospital Cases (00)	468	354	686	954	1277	1081	2075	994	391	5814	X	X
Sample Hospital Cases	65	50	112	125	182	144	286	142	56	820	X	X

Table 6: Percentage distribution of hospitalised cases (excluding childbirth) during last 365 days over broad ailment categories for different age groups in Kerala.

Broad ailment category	Urban						All						No. of hospitalisation cases	
	0-4	5-14	15-29	30-44	45-59	60-69	60 years and above	70 years and above	80 years and above	All	Estd. (00)	Sample		
	Infection	46.0	56.8	40.4	23.5	22.3	16	13.5	11.1	12.1			26	3060
Cancers	0.0	4	0	5.1	2.3	11	6.6	2.3	0	4	469	67		
Blood Diseases	0	0	0.4	0.3	0	0	0.1	0.2	0	0.1	15	4		
Endocrine, Metabolic, Nutritional	0	0	3.9	4.9	3.2	10	8.5	7	9.3	4.9	578	69		
Psychiatric & Neurological	2.2	0.4	1.9	5.2	5	6.5	8.9	11.2	14.9	5.5	647	91		
Eye	2	1.1	1.7	0	1.7	3.2	3.2	3.2	3	2	234	39		
Ear	0	2	3.4	0.8	0.6	1	0.7	0.4	0	1	122	20		
Cardio-Vascular	1	0.7	0.4	5.7	19	16	19.3	22.5	24.2	12.2	1440	195		
Respiratory	22.6	16.4	2.2	5.5	7.3	4.5	9.2	13.7	7.2	9.2	1085	140		
Gastro-Intestinal	1.3	1.9	3.7	9.2	6.6	6.2	6.4	6.6	6.5	5.8	683	88		
Skin	0.0	0	0	0.8	0.2	0	1	2	1.9	0.5	63	9		
Musculo-Skeletal	0	2.1	11.1	4.9	6	4.9	3.8	2.7	1.5	4.7	557	80		
Genito-Urinary	3.9	5	5.5	5.7	6	7.5	9.2	10.7	9.8	6.8	801	116		
Obstetric	17.2	0	10.7	3.2	0	0	0	0	0	2.9	346	86		
Injuries	3.2	8	14.2	23.8	15.6	8	6.2	4.5	7.6	11.6	1360	163		
Others	0.6	1.7	0.3	1.5	3.9	5	3.4	1.9	1.9	2.6	301	40		
All	100	100	100	100	100	100	100	100	100	100	11761	1598		
Estimated no. of Hospital Cases (00)	947	1021	1205	1708	2595	2103	4286	2183	578	11761	X	X		
Sample Hospital Cases	148	117	200	221	355	282	557	275	82	1598	X	X		

Table 6: Percentage distribution of hospitalised cases (excluding childbirth) during last 365 days over broad ailment categories for different age groups in Kerala.

Broad ailment category	Rural+Urban						Male				No. of hospitalisation cases	
	0-4	5-14	15-29	30-44	45-59	60-69	60 years and above	70 years and above	80 years and above	All	Estd. (00)	Sample
	Infection	37.7	59.4	42.1	26.3	17	13.7	13.5	13.3	12.7	24.6	3268
Cancers	0.0	0.1	0.3	3	1.2	6.1	3.7	1.2	0	2.1	277	37
Blood Diseases	0	0	0	0.7	0.3	0	0.6	1.2	2.4	0.4	49	9
Endocrine, Metabolic, Nutritional	0.6	0	3.5	3.5	5.5	5.1	8.4	11.9	12.4	5.3	707	83
Psychiatric & Neurological	1.2	1.1	1.6	3.5	7.6	7.7	9.1	10.4	5.7	6	798	105
Eye	5.2	0	0.6	0.2	1.6	3.8	3.3	2.8	3.2	2.1	273	42
Ear	0	0.7	3	0	0.6	0	0.2	0.3	0	0.6	75	13
Cardio-Vascular	1.2	0.6	0.4	5.6	20.5	16.1	18	19.9	19.4	12.6	1673	228
Respiratory	26.1	17.9	1.3	2.9	2.9	9.3	10.2	11.2	10	8.5	1127	149
Gastro-Intestinal	1.5	2.8	11.9	9.3	5.4	9.2	6.1	2.9	2.8	6.3	833	102
Skin	0.0	0	0.9	1.6	1.4	0.6	0.6	0.6	0	0.9	114	14
Musculo-Skeletal	0.5	1.5	4.3	4.7	6.4	9.7	8.2	6.7	11.4	5.8	773	96
Genito-Urinary	6.5	3.7	1.9	8	8.2	9.1	10.4	11.9	12	7.9	1041	134
Obstetric	17.1	0	0	0	0	0	0	0	0	1.1	149	38
Injuries	1.9	11.6	28	29.7	19	6.8	5.4	3.9	6.7	14.2	1879	203
Others	0.5	0.5	0.2	0.9	2.6	2.7	2.2	1.6	1.5	1.7	220	28
All	100	100	100	100	100	100	100	100	100	100	13256	1691
Estimated no. of Hospital Cases (00)	876	1254	1324	1560	3204	2583	5038	2454	559	13256	X	X
Sample Hospital Cases	157	141	181	200	412	323	600	277	69	1691	X	X

Table 6: Percentage distribution of hospitalised cases (excluding childbirth) during last 365 days over broad ailment categories for different age groups in Kerala.

Broad ailment category	Rural+Urban					Female					No. of hospitalisation cases	
	0-4	5-14	15-29	30-44	45-59	60-69	60 years and above	70 years and above	80 years and above	All	Estd. (00)	Sample
	Infection	53.0	54	30	27.5	22.2	17.3	18.3	19.4	19.3	26.5	3493
Cancers	0.0	4.8	0	5.3	9.1	5.7	4.1	2.4	2.6	5	653	78
Blood Diseases	0	1.1	0.6	2.6	1	0.5	0.4	0.4	0	1	126	18
Endocrine, Metabolic, Nutritional	0	0	2.5	5.6	3.7	11.1	9.2	7	6.4	5.3	695	90
Psychiatric & Neurological	6.2	3.1	2.1	5.2	6.8	7.2	8.6	10.1	11.5	6.4	845	118
Eye	0	1.4	1	0	1.4	2.9	3.1	3.4	2.8	1.6	217	32
Ear	0	2.1	1.4	1.9	1.1	0.9	0.5	0	0	1	138	20
Cardio-Vascular	0.6	2	0.2	5.8	11.6	16.3	17.8	19.4	23.3	10.3	1355	162
Respiratory	18.1	9.3	1.7	5.1	9.5	13.2	11.7	10.2	6.8	9.3	1223	151
Gastro-Intestinal	1.5	5.1	6.2	11	4.9	4.5	4.7	5	2.7	5.7	756	82
Skin	0.0	2	5.8	0.2	0.5	0.6	1.2	1.7	1.1	1.3	171	15
Musculo-Skeletal	0	3.3	7.5	7.7	8.7	7.1	6	4.8	3.1	6.6	867	117
Genito-Urinary	2.4	4.6	10.4	7.6	9.8	6.3	5.7	5.1	4.8	7.3	964	122
Obstetric	14.1	0	26.6	4.3	0	0	0	0	0	4.4	586	106
Injuries	3.5	3.9	3.8	7.3	8.7	4.5	6.8	9.3	13.5	6.7	880	117
Others	0.6	3.4	0.4	2.9	0.9	1.8	1.8	1.8	2.1	1.6	214	33
All	100	100	100	100	100	100	100	100	100	100	13184	1711
Estimated no. of Hospital Cases (00)	871	807	1403	2092	3472	2371	4540	2169	1001	13184	X	X
Sample Hospital Cases	130	114	201	256	426	304	584	280	122	1711	X	X

Table 6: Percentage distribution of hospitalised cases (excluding childbirth) during last 365 days over broad ailment categories for different age groups in Kerala.

Broad ailment category	Rural+Urban					All					No. of hospitalisation cases	
	0-4	5-14	15-29	30-44	45-59	60-69	60 years and above	70 years and above	80 years and above	All	Estd. (00)	Sample
	Infection	45.3	57.3	35.9	27	19.7	15.4	15.8	16.1	16.9	25.6	6761
Cancers	0.0	2	0.2	4.3	5.3	5.9	3.9	1.8	1.6	3.5	930	115
Blood Diseases	0	0.4	0.3	1.8	0.6	0.2	0.5	0.8	0.9	0.7	175	27
Endocrine, Metabolic, Nutritional	0.3	0	3	4.7	4.6	8	8.8	9.6	8.5	5.3	1402	173
Psychiatric& Neurological	3.7	1.9	1.8	4.5	7.2	7.5	8.9	10.3	9.4	6.2	1643	223
Eye	2.6	0.5	0.8	0.1	1.5	3.3	3.2	3.1	2.9	1.9	490	74
Ear	0	1.2	2.2	1.1	0.9	0.4	0.3	0.2	0	0.8	214	33
Cardio-Vascular	0.9	1.1	0.3	5.7	15.8	16.2	17.9	19.7	21.9	11.5	3028	390
Respiratory	22.1	14.5	1.5	4.2	6.3	11.2	10.9	10.7	8	8.9	2350	300
Gastro-Intestinal	1.5	3.7	9	10.3	5.1	6.9	5.5	3.9	2.7	6	1589	184
Skin	0.0	0.8	3.4	0.8	0.9	0.6	0.9	1.2	0.7	1.1	284	29
Musculo-Skeletal	0.2	2.2	5.9	6.4	7.6	8.4	7.2	5.8	6.1	6.2	1640	213
Genito-Urinary	4.4	4.1	6.3	7.8	9	7.8	8.2	8.7	7.4	7.6	2005	256
Obstetric	15.6	0	13.7	2.5	0	0	0	0	0	2.8	735	144
Injuries	2.7	8.6	15.5	16.9	13.6	5.7	6.1	6.5	11	10.4	2759	320
Others	0.6	1.6	0.3	2	1.7	2.3	2	1.7	1.9	1.6	435	61
All	100	100	100	100	100	100	100	100	100	100	26440	3402
Estimated no. of Hospital Cases (00)	1747	2061	2727	3652	6676	4954	9577	4623	1560	26440	X	X
Sample Hospital Cases	287	255	382	456	838	627	1184	557	191	3402	X	X

Table 7: Percentage distribution of hospitalised cases (excluding childbirth) by major source of finance of expenditure during last 365 days

Kerala	Major source of finance						Hospitalised cases	
	Household income	Borrowings	Sale of asset	Cont. from friends	Other sources	All	Estd. (00)	Sample
Rural	82.5	10.7	0.3	5.3	1.1	100	1467863	1804
Urban	77.1	16	0.6	4.9	1.5	100	1176146	1598
All	80.1	13.1	0.4	5.1	1.3	100	2644009	3402
Estd. total expenditure (000)	38707076	1468552	614382	5765130	1112633	57667773	XX	XX
Average expenditure per hospital	18277.8	33123.8	55630.9	42947.2	33013.7	21810.7	XX	XX
Estd. hospitalised cases (00)	21177	3462	110	1342	337	26440	XX	XX
Sample hospitalised cases	2807	376	9	152	55	3402	XX	XX

Table 8: Percentage distribution of persons by coverage of scheme of health expenditure support for (i) each UMPCE class and (ii) each Social group in Kerala.

Quintile class of UMPCE/ social group	Rural						Male		
	Not covered	Covered					All	No. of persons	
		Government sponsored insurance scheme	Government/ PSU as an employer	Employer supported health protection (other than govt./ PSU)	Arranged by household with insurance companies	Others		Estd. (00)	Sample
1st quintile	70.6	28.6	0.4	0.2	0.2	0.1	100	17493	990
2nd quintile	66.4	30.8	0.8	1	0.8	0.1	100	16856	1055
3rd quintile	59.2	35	2.3	0.5	2.1	0.8	100	17194	1077
4th quintile	60.5	31.4	1.5	1.5	4.9	0.2	100	16395	951
5th quintile	69.3	21.7	1.5	0.4	6.6	0.5	100	16647	1006
All	65.2	29.5	1.3	0.7	2.9	0.3	100	84585	5079
ST	78.7	21.3	0	0	0	0	100	3791	116
SC	52.5	45.8	0.2	0.7	0.5	0.2	100	8367	493
OBC	63	32	1.6	0.3	2.8	0.3	100	49886	3044
Others	72.8	19.5	1.2	1.8	4.4	0.4	100	22541	1426
All	65.2	29.5	1.3	0.7	2.9	0.3	100	84585	5079
Estimated no. of Household (00)	55189	24987	1098	607	2430	275	84585	XXX	XXX
No.of sample household	3371	1413	74	52	147	22	5079	XXX	XXX

Table 8: Percentage distribution of persons by coverage of scheme of health expenditure support for (i) each UMPCE class and (ii) each Social group in Kerala.

Quintile class of UMPCE/ social group	Rural						Female		
	Not covered	Covered					All	No. of persons	
		Government sponsored insurance scheme	Government/ PSU as an employer	Employer supported health protection (other than govt./ PSU)	Arranged by household with insurance companies	Others		Estd. (00)	Sample
1st quintile	73.9	24.8	0.8	0.2	0.3	0	100	16879	1058
2nd quintile	63.9	32.2	1.1	1.9	0.8	0	100	17069	1155
3rd quintile	58.5	38	1.5	0.4	1.2	0.3	100	17280	1116
4th quintile	66.2	26.3	1	0.7	5.2	0.5	100	17511	1071
5th quintile	68.5	24.1	1.2	0.6	4.6	1	100	17669	1068
All	66.2	29.1	1.1	0.8	2.5	0.4	100	86408	5468
ST	74.3	25.7	0	0	0	0	100	3263	98
SC	51.6	45.8	1.3	0.9	0.3	0.1	100	7917	506
OBC	64.7	31.2	1.2	0.5	2.1	0.3	100	52315	3380
Others	73.6	18.9	1.1	1.3	4.4	0.7	100	22913	1484
All	66.2	29.1	1.1	0.8	2.5	0.4	100	86408	5468
Estimated no. of Household (00)	57212	25119	967	656	2133	320	86408	XXX	XXX
No.of sample household	3677	1506	67	53	145	20	5468	XXX	XXX

Table 8: Percentage distribution of persons by coverage of scheme of health expenditure support for (i) each UMPCE class and (ii) each Social group in Kerala.

Quintile class of UMPCE/ social group	Rural				All			No. of persons	
	Not covered	Covered					All	Estd. (00)	Sample
		Government sponsored insurance scheme	Government/ PSU as an employer	Employer supported health protection (other than govt./ PSU)	Arranged by household with insurance companies	Others			
1st quintile	72.2	26.7	0.6	0.2	0.2	0	100	34372	2048
2nd quintile	65.2	31.5	0.9	1.5	0.8	0	100	33925	2210
3rd quintile	58.9	36.5	1.9	0.4	1.7	0.6	100	34474	2193
4th quintile	63.5	28.8	1.2	1.1	5	0.4	100	33906	2022
5th quintile	68.9	22.9	1.4	0.5	5.6	0.7	100	34316	2074
All	65.7	29.3	1.2	0.7	2.7	0.3	100	170993	10547
ST	76.7	23.3	0	0	0	0	100	7054	214
SC	52.1	45.8	0.8	0.8	0.4	0.1	100	16284	999
OBC	63.9	31.6	1.4	0.4	2.4	0.3	100	102201	6424
Others	73.2	19.2	1.1	1.6	4.4	0.5	100	45454	2910
All	65.7	29.3	1.2	0.7	2.7	0.3	100	170993	10547
Estimated no. of Household (00)	112400	50106	2065	1262	4564	595	170993	XXX	XXX
No.of sample household	7048	2919	141	105	292	42	10547	XXX	XXX

Table 8: Percentage distribution of persons by coverage of scheme of health expenditure support for (i) each UMPCE class and (ii) each Social group in Kerala.

Quintile class of UMPCE/ social group	Urban						Male		
	Not covered	Covered					All	No. of persons	
		Government sponsored insurance scheme	Government/ PSU as an employer	Employer supported health protection (other than govt./ PSU)	Arranged by household with insurance companies	Others		Estd. (00)	Sample
1st quintile	80.2	18.8	0.6	0.2	0.2	0	100	13143	1006
2nd quintile	75.4	19.2	1.6	1.4	1.4	1	100	13655	911
3rd quintile	60.8	27.2	2.9	2.3	6	0.9	100	13106	866
4th quintile	70.6	17.7	2.4	3.1	5.9	0.2	100	13570	828
5th quintile	67.1	11.8	5.2	2	13.2	0.7	100	12745	697
All	70.9	19	2.5	1.8	5.3	0.6	100	66219	4308
ST	77.5	21.4	0.5	0.5	0	0	100	181	15
SC	60.1	35.3	3.6	0.9	0	0	100	3157	238
OBC	72.2	21.3	2.6	0.8	2.6	0.4	100	44928	2983
Others	69.4	10.1	2.1	4.5	12.8	1.1	100	17954	1072
All	70.9	19	2.5	1.8	5.3	0.6	100	66219	4308
Estimated no. of Household (00)	46928	12557	1677	1198	3477	382	66219	XXX	XXX
No. of sample household	3062	804	110	87	214	31	4308	XXX	XXX

Table 8: Percentage distribution of persons by coverage of scheme of health expenditure support for (i) each UMPCE class and (ii) each Social group in Kerala.

Quintile class of UMPCE/ social group	Urban						Female		
	Not covered	Covered					All	No. of persons	
		Government sponsored insurance scheme	Government/ PSU as an employer	Employer supported health protection (other than .../PSU)	Arranged by household with insurance companies	Others		Estd. (00)	Sample
1st quintile	80.6	18.3	0.7	0.2	0.2	0.1	100	14811	1128
2nd quintile	69.3	23.6	2.1	2.7	2.2	0	100	14227	989
3rd quintile	64.1	26.1	3.9	2	3.5	0.3	100	14540	946
4th quintile	72.2	15.5	1.5	2.4	8.3	0.1	100	14462	941
5th quintile	67	14.4	3.3	1.7	13.2	0.3	100	14913	791
All	70.7	19.5	2.3	1.8	5.5	0.2	100	72953	4795
ST	80.1	8.5	10.1	0	1.2	0	100	114	19
SC	61.7	36.4	1	0.8	0.1	0	100	3176	219
OBC	72	22	2.6	0.6	2.5	0.2	100	50219	3356
Others	68.6	10.5	1.7	5	14	0.2	100	19444	1201
All	70.7	19.5	2.3	1.8	5.5	0.2	100	72953	4795
Estimated no. of Household (00)	51555	14255	1685	1312	4013	133	72953	XXX	XXX
No.of sample household	3456	869	116	96	233	25	4795	XXX	XXX

Table 8: Percentage distribution of persons by coverage of scheme of health expenditure support for (i) each UMPCE class and (ii) each Social group in Kerala.

Quintile class of UMPCE/ social group	Urban						Transgender		
	Not covered	Covered					All	No. of persons	
		Government sponsored insurance scheme	Government/ PSU as an employer	Employer supported health protection (other than govt./ PSU)	Arranged by household with insurance companies	Others		Estd. (00)	Sample
1st quintile	0	0	0	0	0	0	0	0	0
2nd quintile	0	0	0	0	0	0	0	0	0
3rd quintile	100	0	0	0	0	0	100	48	1
4th quintile	0	0	0	0	0	0	0	0	0
5th quintile	0	0	0	0	0	0	0	0	0
All	100	0	0	0	0	0	100	48	1
ST	0	0	0	0	0	0	0	0	0
SC	0	0	0	0	0	0	0	0	0
OBC	100	0	0	0	0	0	100	48	1
Others	0	0	0	0	0	0	0	0	0
All	100	0	0	0	0	0	100	48	1
Estimated no. of Household (00)	48	0	0	0	0	0	48	XXX	XXX
No.of sample household	1	0	0	0	0	0	1	XXX	XXX

Table 8: Percentage distribution of persons by coverage of scheme of health expenditure support for (i) each UMPCE class and (ii) each Social group in Kerala.

Quintile class of UMPCE/social group	Urban						All		
	Not covered	Covered					All	No. of persons	
		Government sponsored insurance scheme	Government/ PSU as an employer	Employer supported health protection (other than govt./PSU)	Arranged by household with insurance companies	Others		Estd. (00)	Sample
1st quintile	80.4	18.6	0.6	0.2	0.2	0	100	27954	2134
2nd quintile	72.3	21.5	1.9	2.1	1.8	0.5	100	27882	1900
3rd quintile	62.6	26.6	3.5	2.1	4.7	0.6	100	27695	1813
4th quintile	71.5	16.6	2	2.7	7.1	0.2	100	28031	1769
5th quintile	67.1	13.2	4.2	1.9	13.2	0.5	100	27658	1488
All	70.8	19.3	2.4	1.8	5.4	0.4	100	139221	9104
ST	78.5	16.5	4.2	0.3	0.5	0	100	294	34
SC	60.9	35.9	2.3	0.9	0.1	0	100	6334	457
OBC	72.1	21.7	2.6	0.7	2.6	0.3	100	95195	6340
Others	69	10.3	1.9	4.7	13.4	0.6	100	37398	2273
All	70.8	19.3	2.4	1.8	5.4	0.4	100	139221	9104
Estimated no. of Household (00)	98531	26812	3362	2510	7490	515	139221	XXX	XXX
No. of sample household	6519	1673	226	183	447	56	9104	XXX	XXX

Table 8: Percentage distribution of persons by coverage of scheme of health expenditure support for (i) each UMPCE class and (ii) each Social group in Kerala.

Quintile class of UMPCE/social group	Rural+Urban						Male		
	Not covered	Covered					All	No. of persons	
		Government sponsored insurance scheme	Government/ PSU as an employer	Employer supported health protection (other than govt./PSU)	Arranged by household with insurance companies	Others		Estd. (00)	Sample
1st quintile	74.7	24.4	0.5	0.2	0.2	0	100	30636	1996
2nd quintile	70.5	25.6	1.2	1.2	1.1	0.5	100	30512	1966
3rd quintile	59.9	31.6	2.6	1.3	3.8	0.8	100	30300	1943
4th quintile	65.1	25.2	1.9	2.2	5.3	0.2	100	29965	1779
5th quintile	68.3	17.4	3.1	1.1	9.5	0.6	100	29392	1703
All	67.7	24.9	1.8	1.2	3.9	0.4	100	150805	9387
ST	78.7	21.3	0	0	0	0	100	3972	131
SC	54.6	43	1.2	0.8	0.4	0.1	100	11524	731
OBC	67.3	26.9	2.1	0.5	2.7	0.4	100	94814	6027
Others	71.3	15.3	1.6	3	8.1	0.7	100	40495	2498
All	67.7	24.9	1.8	1.2	3.9	0.4	100	150805	9387
Estimated no. of Household (00)	102116	37545	2775	1805	5907	657	150805	XXX	XXX
No. of sample household	6433	2217	184	139	361	53	9387	XXX	XXX

Table 8: Percentage distribution of persons by coverage of scheme of health expenditure support for (i) each UMPCE class and (ii) each Social group in Kerala.

Quintile class of UMPCE/social group	Rural+ Urban						Female		No. of persons	
	Not covered	Covered					All	Estd. (00)	Sample	
		Government sponsored insurance scheme	Government/ PSU as an employer	Employer supported health protection (other than govt./PSU)	Arranged by household with insurance companies	Others				
1st quintile	77	21.8	0.7	0.2	0.2	0	100	31690	2186	
2nd quintile	66.4	28.3	1.5	2.3	1.4	0	100	31296	2144	
3rd quintile	61.1	32.6	2.6	1.1	2.3	0.3	100	31820	2062	
4th quintile	68.9	21.4	1.3	1.5	6.6	0.3	100	31973	2012	
5th quintile	67.8	19.7	2.2	1.1	8.5	0.7	100	32582	1859	
All	68.3	24.7	1.7	1.2	3.9	0.3	100	159360	10263	
ST	74.4	25.2	0.3	0	0	0	100	3377	117	
SC	54.5	43.1	1.2	0.9	0.2	0	100	11093	725	
OBC	68.3	26.7	1.9	0.6	2.3	0.3	100	102534	6736	
Others	71.3	15	1.4	3	8.8	0.4	100	42357	2685	
All	68.3	24.7	1.7	1.2	3.9	0.3	100	159360	10263	
Estimated no. of Household (00)	108767	39374	2652	1968	6146	453	159360	XXX	XXX	
No.of sample household	7133	2375	183	149	378	45	10263	XXX	XXX	

Table 8: Percentage distribution of persons by coverage of scheme of health expenditure support for (i) each UMPCE class and (ii) each Social group in Kerala.

Quintile class of UMPCE/social group	Rural+ Urban						Tansgender		
	Not covered	Covered					All	No. of persons	
		Government sponsored insurance scheme	Government/ PSU as an employer	Employer supported health protection (other than govt./PSU)	Arranged by household with insurance companies	Others		Estd. (00)	Sample
1st quintile	0	0	0	0	0	0	0	0	0
2nd quintile	0	0	0	0	0	0	0	0	0
3rd quintile	100	0	0	0	0	0	100	48	1
4th quintile	0	0	0	0	0	0	0	0	0
5th quintile	0	0	0	0	0	0	0	0	0
All	100	0	0	0	0	0	100	48	1
ST	0	0	0	0	0	0	0	0	0
SC	0	0	0	0	0	0	0	0	0
OBC	100	0	0	0	0	0	100	48	1
Others	0	0	0	0	0	0	0	0	0
All	100	0	0	0	0	0	100	48	1
Estimated no. of Household (00)	48	0	0	0	0	0	48	XXX	XXX
No.of sample household	1	0	0	0	0	0	1	XXX	XXX

Table 8: Percentage distribution of persons by coverage of scheme of health expenditure support for (i) each UMPCE class and (ii) each Social group in Kerala.

Quintile class of UMPCE/social group	Rural+ Urban						All		
	Not covered	Covered					All	No. of persons	
		Government sponsored insurance scheme	Government/ PSU as an employer	Employer supported health protection (other than govt./PSU)	Arranged by household with insurance companies	Others		Estd. (00)	Sample
1st quintile	75.9	23.1	0.6	0.2	0.2	0	100	62326	4182
2nd quintile	68.4	27	1.4	1.7	1.3	0.3	100	61808	4110
3rd quintile	60.5	32.1	2.6	1.2	3	0.6	100	62169	4006
4th quintile	67.1	23.2	1.6	1.8	6	0.3	100	61937	3791
5th quintile	68.1	18.6	2.6	1.1	9	0.6	100	61974	3562
All	68	24.8	1.7	1.2	3.9	0.4	100	310213	19651
ST	76.7	23.1	0.2	0	0	0	100	7348	248
SC	54.5	43	1.2	0.8	0.3	0.1	100	22617	1456
OBC	67.8	26.8	2	0.6	2.5	0.3	100	197396	12764
Others	71.3	15.2	1.5	3	8.5	0.6	100	82852	5183
All	68	24.8	1.7	1.2	3.9	0.4	100	310213	19651
Estimated no. of Household (00)	210932	76919	5427	3773	12054	1110	310213	XXX	XXX
No. of sample household	13567	4592	367	288	739	98	19651	XXX	XXX

Table 9 : Average total medical expenditure per hospitalisation case (excluding childbirth) for treatment during stay at hospital (as in patient) in last 365 days by type of hospital board nature of ailment in Kerala.

Broad nature of ailment item	Rural												Number of Cases of hospitalisation	
	Average total medical expenditure for tretment (₹) per cases													
	Male				Female				Person					
	Type of medical institution												Estd.(00)	Sample
GOVT/ Public	Charitable/ Trust/ NGO run	Private	All (incl NR)	GOVT/ Public	Charitable/ Trust/ NGO run	Private	All (incl NR)	GOVT/ Public	Charitable/ Trust/ NGO run	Private	All (incl NR)			
Infection	2452.21	21350.00	8385.77	5786.94	1436.49	18797.34	9074.70	6384.93	2000.28	19891.78	8755.94	6085.69	3701.00	469.00
Cancers	30405.27	0.00	79121.78	38927.15	18604.30	0.00	24553.55	22035.93	22131.36	0.00	27946.80	25066.48	461.00	48.00
Blood Diseases	4200.00	0.00	28259.44	23872.84	1281.97	0.00	16068.17	10027.38	1708.22	0.00	20290.85	13863.90	160.00	23.00
Endocrine, Metabolic, Nutritional	6814.20	0.00	20338.77	15418.24	3679.31	0.00	22778.44	14272.31	5247.61	0.00	21370.38	14895.92	824.00	104.00
Psychiatric& Neurological	9248.61	0.00	40152.85	26473.37	3203.74	12532.17	31409.30	21407.15	6569.78	12532.17	35341.70	23842.65	995.00	132.00
Eye	4728.57	0.00	12134.37	10842.49	735.84	0.00	17537.06	15426.96	3424.31	0.00	14384.41	12688.04	256.00	35.00
Ear	560.68	0.00	22225.83	11212.32	0.00	0.00	9200.05	9200.05	560.68	0.00	12576.12	10036.66	92.00	13.00
Cardio-Vascular	9283.95	24597.92	55441.97	40078.62	2206.75	58934.10	27361.01	20838.81	6462.67	48779.75	44118.98	32209.78	1588.00	195.00
Respiratory	5428.41	14950.00	8950.78	7529.38	1115.61	0.00	10119.78	6218.07	2966.33	9657.96	9617.51	6783.47	1265.00	160.00
Gastro-Intestinal	3776.51	0.00	18957.91	13084.52	4103.85	11400.00	18492.84	14265.85	3882.70	11400.00	18745.53	13610.45	906.00	96.00
Skin	9865.10	0.00	20984.14	16458.95	579.94	0.00	8216.58	6436.53	5511.80	0.00	12482.30	10380.56	221.00	20.00
Musculo-Skeletal	6553.92	0.00	23612.06	18372.49	6957.51	7500.00	35249.14	22660.79	6789.58	7500.00	28800.70	20521.94	1083.00	133.00
Genito-Urinary	4300.04	18141.33	28907.78	14896.46	2386.76	0.00	32262.71	25822.94	3731.52	18141.33	31164.27	20623.60	1205.00	140.00
Obstetric	73.36	88800.00	11727.54	13142.41	6573.52	0.00	10874.54	10030.32	5626.88	88800.00	10979.04	10444.57	389.00	58.00
Injuries	8813.69	44578.00	46966.42	27479.53	5051.15	4950.00	30181.50	22450.72	8001.40	25638.73	40145.64	25854.80	1399.00	157.00
Others	662.09	0.00	59612.80	41219.63	1030.30	0.00	14854.38	10036.69	964.76	0.00	23959.83	16109.45	134.00	21.00
All	6224.88	26829.18	26931.62	18147.01	3822.93	20494.82	20030.85	14606.75	5159.67	22212.58	23248.43	16369.46	14679.00	1804.00
Estimated no. of Hospital Cases (00)	3100.00	53.00	4155.00	7309.00	2471.00	143.00	4756.00	7370.00	5571.00	197.00	8911.00	14679.00	X	X
Sample Hospital Cases	376.00	10.00	527.00	913.00	305.00	16.00	570.00	891.00	681.00	26.00	1097.00	1804.00	X	X

Table 9 : Average total medical expenditure per hospitalisation case (excluding childbirth) for treatment during stay at hospital (as in patient) in last 365 days by type of hospital board nature of ailment in Kerala.

Broad nature of ailment item	Urban												Number of Cases of hospitalisation	
	Average total medical expenditure for tretment (₹) per cases													
	Male				Female				Person					
	Type of medical institution													
GOVT/ Public	Charitable/ Trust/ NGO run	Private	All (incl NR)	GOVT/ Public	Charitable/ Trust/ NGO run	Private	All (incl NR)	GOVT/ Public	Charitable/ Trust/ NGO run	Private	All (incl NR)	Estd.(00)	Sample	
Infection	1425.49	7566.36	9536.78	7038.31	1728.91	9313.08	12079.49	9291.55	1577.23	8723.98	10930.95	8249.17	3060.00	391
Cancers	14528.09	0.00	69509.48	34681.70	12846.17	21128.38	50867.41	30287.04	13717.67	21128.38	57943.14	32108.34	469.00	67
Blood Diseases	0.00	0.00	17800.00	17800.00	0.00	0.00	27801.13	26456.60	0.00	0.00	24693.07	23857.42	15.00	4
Endocrine, Metabolic, Nutritional	3287.96	0.00	15229.13	10099.03	2619.27	33500.00	34990.18	22347.75	2934.28	33500.00	26368.33	16872.75	578.00	69
Psychiatric& Neurological	18443.35	0.00	34030.62	29392.17	3803.32	45000.00	24231.29	17246.89	10505.31	45000.00	29242.86	23243.47	647.00	91
Eye	334.75	20000.00	15896.53	13395.34	3462.63	0.00	19592.98	11266.49	2645.36	20000.00	17262.18	12360.23	234.00	39
Ear	371.03	0.00	35541.06	21869.39	2186.24	0.00	14678.99	9820.95	1633.09	0.00	21038.94	13493.42	122.00	20
Cardio-Vascular	4054.37	106653.62	59265.74	40642.64	5066.18	0.00	37875.77	30014.53	4445.85	106653.62	47540.74	35432.97	1440.00	195
Respiratory	1825.33	0.00	12205.42	8524.53	3804.57	0.00	22366.26	16313.47	2703.03	0.00	17031.85	12140.41	1085.00	140
Gastro-Intestinal	5626.61	33000.00	32239.27	23136.12	2521.96	75300.00	27426.19	21528.06	4007.10	54037.15	29758.36	22305.58	683.00	88
Skin	2450.00	0.00	6532.52	6410.16	0.00	0.00	41088.50	41088.50	2450.00	0.00	26683.55	26375.40	63.00	9
Musculo-Skeletal	3912.82	0.00	37263.37	25100.88	12373.44	7890.64	52455.61	40222.33	7756.68	7890.64	46486.97	33909.49	557.00	80
Genito-Urinary	3848.20	0.00	58556.23	48228.76	2575.46	0.00	33736.70	23275.46	3138.02	0.00	49432.50	37869.19	801.00	116
Obstetric	720.37	86500.00	47936.66	44473.01	1439.25	8850.00	23880.08	22535.38	969.25	64697.60	28917.74	28719.50	346.00	86
Injuries	5454.23	27327.71	83815.40	50274.30	5408.22	0.00	18173.01	12510.57	5439.10	27327.71	63420.36	38383.20	1360.00	163
Others	2529.57	37650.00	24782.84	16944.44	4727.25	0.00	26745.80	21041.47	3095.59	37650.00	25667.67	18393.30	301.00	40
All	4716.17	48439.89	37327.47	26352.92	4232.89	22723.95	25616.66	19135.80	4493.80	34458.89	31361.86	22785.17	11761.00	1598
Estimated no. of Hospital Cases (00)	2044.00	125.00	3779.00	5947.00	1742.00	149.00	3924.00	5814.00	3786.00	273.00	7702.00	11761.00	X	X
Sample Hospital Cases	248.00	12.00	518.00	778.00	221.00	15.00	584.00	820.00	469.00	27.00	1102.00	1598.00	X	X

Table 9 : Average total medical expenditure per hospitalisation case (excluding childbirth) for treatment during stay at hospital (as in patient) in last 365 days by type of hospital board nature of ailment in Kerala.

Broad nature of ailment item	All													Number of Cases of hospitalisation	
	Average total medical expenditure for treatment (₹) per cases														
	Male				Female				Person						
	Type of medical institution														
	GOVT/ Public	Charitable/ Trusts/ NGO run	Private	All (incl NR)	GOVT/ Public	Charitable/ Trusts/ NGO run	Private	All (incl NR)	GOVT/ Public	Charitable/ Trusts/ NGO run	Private	All (incl NR)	Estd.(00)	Sample	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Infection	2106.16	13130.27	8953.12	6329.14	1550.00	12296.67	10589.06	7753.29	1847.64	12604.31	9841.09	7065.00	6761.00	860.00	
Cancers	20192.27	0.00	71132.83	35949.55	16204.13	21128.38	33707.02	25505.25	17841.93	21128.38	41336.25	28616.60	930.00	115.00	
Blood Diseases	4200.00	0.00	27109.97	23315.97	1268.43	0.00	17554.93	11386.47	1692.79	0.00	20823.36	14715.63	175.00	27.00	
Endocrine, Metabolic, Nutritional	5386.99	0.00	18599.03	13474.57	3220.11	18817.41	28597.90	17983.95	4277.62	18817.41	23398.52	15710.62	1402.00	173.00	
Psychiatric& Neurological	12098.24	0.00	37354.49	27642.32	3443.94	13383.68	28562.18	19792.71	7960.16	13383.68	32747.18	23606.51	1643.00	223.00	
Eye	2803.08	20000.00	13741.12	11967.19	2970.97	0.00	18317.58	13241.95	2904.12	20000.00	15559.22	12531.35	490.00	74.00	
Ear	479.88	0.00	29507.42	16461.54	2186.24	0.00	11887.56	9579.86	1320.96	0.00	16861.89	12005.99	214.00	33.00	
Cardio-Vascular	6837.05	80229.98	57030.98	40326.21	3509.71	58934.10	33257.21	25618.18	5528.70	70987.00	45776.13	33742.83	3028.00	390.00	
Respiratory	3730.05	14950.00	10739.86	8042.95	2051.72	0.00	15681.70	10376.49	2859.06	9657.96	13322.94	9257.60	2350.00	300.00	
Gastro-Intestinal	4458.19	33000.00	24109.52	17067.57	3202.35	30011.90	22468.78	17652.14	3938.90	30691.50	23320.18	17345.72	1589.00	184.00	
Skin	9701.46	0.00	16158.82	14101.86	579.94	0.00	16771.89	13799.63	5475.53	0.00	16552.52	13920.62	284.00	29.00	
Musculo-Skeletal	5660.01	0.00	27478.48	20398.74	8218.73	7789.98	42673.04	29234.85	7060.99	7789.98	35130.15	25071.82	1640.00	213.00	
Genito-Urinary	4202.71	18141.33	47044.10	29882.69	2471.77	0.00	32717.19	24944.38	3551.15	18141.33	39370.88	27509.17	2005.00	256.00	
Obstetric	488.57	86827.73	34115.39	33604.93	5858.96	8850.00	16864.53	15333.94	4298.54	67270.60	19707.35	19045.40	735.00	144.00	
Injuries	7318.05	32436.52	66728.93	38786.56	5261.16	4950.00	24989.82	17613.87	6761.55	26573.95	51760.25	32031.61	2759.00	320.00	
Others	2355.90	37650.00	30270.50	19818.02	2593.46	0.00	21138.58	15498.78	2457.25	37650.00	25094.67	17689.27	435.00	61.00	
All	5625.44	41963.57	31883.05	21828.61	3992.46	21629.06	22555.88	16604.04	4890.24	29332.18	27010.00	19223.39	26440.00	3402.00	
Estimated no. of Hospital Cases (00)	5144.00	178.00	7934.00	13256.00	4213.00	292.00	8680.00	13184.00	9357.00	470.00	16613.00	26440.00	X	X	
Sample Hospital Cases	624.00	22.00	1045.00	1691.00	526.00	31.00	1154.00	1711.00	1150.00	53.00	2199.00	3402.00	X	X	

Table 10 : Average medical expenditure (₹) per hospitalisation case (excluding childbirth) during last 365 days and its break up by category of expenditure separately for each quintile of UMPCE in Kerala.

Type of Hospital	Quintile	Package component	Average medical expenditure (₹) for treatment							Hospitalised case	
			Non package component					Total	Total exp. (₹.000)	Estd. (00)	Sample
			Doctors/surgeon's fees	Medicines	Diagnostic test	Bed charges	Other medical expenses				
Rural											
Government/ Public Hospital	1st quintile	9.8	64.4	1531.5	888.4	167.5	404.4	3065.9	626917	1115	146
	2nd quintile	0	269.7	1637.9	1193	58.5	250.2	3409.3	521221	987	118
	3rd quintile	67.3	187.7	1650.6	1640.3	162.2	1897.2	5605.4	1087790	1290	153
	4th quintile	7.4	576.1	3147.4	1932.5	161.9	1460	7285.4	1252016	1162	143
	5th quintile	646.7	360.7	2436.1	1415.5	395	906.2	6160.4	858861	1017	121
	All	137.1	290.1	2080.1	1430.5	187.3	1034.5	5159.7	4346805	5571	681
Charitable/ NGO Hospital	1st quintile	5091.9	9721.6	22043.8	4476.4	3016.5	1602.1	45952.3	144792	30	8
	2nd quintile	0	3150.6	2328	2790.3	3255.2	1552.6	13076.6	58063	36	3
	3rd quintile	9712.7	1350.4	1283.4	2971.4	1961.2	1916.1	19195.2	168345	68	6
	4th quintile	0	801.6	4371.9	1567	812.5	1802.5	9355.5	27802	18	3
	5th quintile	731.9	3978.3	4176.1	2867.7	5684.2	5997.1	23435.4	129365	45	6
	All	4291.7	3500	5574	3013.4	3104.4	2729	22212.6	528367	197	26
Private Hospital	1st quintile	249.5	3712	4680.5	2496.5	2980.9	1579.6	15698.9	1798861	1004	151
	2nd quintile	1441.5	3665.5	3693.2	2508.1	2982.4	2357.9	16648.5	2934602	1532	203
	3rd quintile	3415.3	7703.4	5360.3	2404.3	2946.6	2175.4	24005.4	5472456	2065	238
	4th quintile	1433.5	7467.5	7800	3370.4	3907.2	3631.7	27610.3	4560472	1515	197
	5th quintile	3589.6	6702.7	6094.1	3575.3	3992.4	2703.5	26657.6	8195979	2794	308
	All	2436.7	6205.2	5641.9	2964	3447.8	2552.8	23248.4	22962370	8911	1097
All	1st quintile	192.4	1902.9	3287.8	1689.6	1521.6	970.1	9564.4	2570569	2150	305
	2nd quintile	864.6	2346.7	2880.3	2004.1	1856.9	1532.5	11485	3513887	2555	324
	3rd quintile	2278.6	4745.2	3881.5	2127.6	1877.8	2065.4	16976.3	6728591	3423	397
	4th quintile	809	4451.3	5770.9	2738.3	2271.5	2683	18724	5840291	2696	343
	5th quintile	2780.2	4998.7	5107.2	2997.6	3063.7	2268.2	21215.6	9184205	3856	435
	All	1588.8	3924.1	4289.2	2382.6	2205.8	1979	16369.5	27837542	14679	1804

Table 10 : Average medical expenditure (₹) per hospitalisation case (excluding childbirth) during last 365 days and its break up by category of expenditure separately for each quintile of UMPCE in Kerala.

Type of Hospital	Quintile	Package component	Average medical expenditure (₹) for treatment							Hospitalised case	
			Non package component					Total	Total exp. (₹.000)	Estd. (00)	Sample
			Doctors/surgeon's fees	Medicines	Diagnostic test	Bed charges	Other medical expenses				
Urban											
Government/ Public Hospital	1st quintile	95.9	131.8	1092.3	1082.8	54.5	304.8	2762.1	474149	937	125
	2nd quintile	0	215.3	1982	958.7	121.4	1322.5	4599.9	589089	871	105
	3rd quintile	0	653.9	1918	1799.7	415	1693.3	6479.9	704443	738	97
	4th quintile	43.8	98.8	1460.7	1337.5	275	337.8	3553.6	381828	705	79
	5th quintile	997.2	165	2037.9	1603.1	235.8	816.1	5855.2	424155	535	63
	All	172.9	251.3	1660.1	1314.9	206.8	887.8	4493.8	2573664	3786	469
Charitable/ NGO Hospital	1st quintile	0	1739.2	8414.5	3988.9	3111.7	3769.3	21023.6	103334	43	4
	2nd quintile	0	10394.9	8179.9	9550.7	2158.7	12390	42674.2	356773	79	8
	3rd quintile	0	11168.6	7018.7	5304.6	8361.3	3160.9	35014.2	352482	88	8
	4th quintile	1893	9435.8	6587.3	6260.3	4480.9	3648.8	32306.1	217117	58	5
	5th quintile	0	11432.6	4076.6	2700.1	7219.9	9375.8	34805.1	22204	5	2
	All	402.7	9100.5	7426.5	6482.8	4891.5	6154.9	34458.9	1051910	273	27
Private Hospital	1st quintile	5211.8	4984.6	5549.6	2300.7	3939.7	2341.4	24327.8	2524221	918	159
	2nd quintile	2804	4309.6	4937.1	2265.6	4112.3	2488.4	20916.9	3161841	1350	200
	3rd quintile	3805.6	8273.8	5938.6	3012	3681.9	2856.7	27568.6	5169317	1714	238
	4th quintile	4801.3	8117.1	6428.2	4765	3653	3604.7	31369.4	6070250	1793	227
	5th quintile	4938.3	8747.7	10340.9	6036	9815.4	5515.9	45394.3	9279028	1927	278
	All	4312.9	7269	6932.3	3961.1	5316.2	3570.3	31361.9	26204657	7702	1102
All	1st quintile	2567.9	2515.1	3413.4	1737.4	2002.6	1368	13604.3	3101705	1899	288
	2nd quintile	1645.9	2969.1	3930	2021.7	2534.1	2388.1	15488.8	4107703	2300	313
	3rd quintile	2568.5	6160.3	4808	2739.1	2894.6	2529.3	21699.7	6226242	2539	343
	4th quintile	3423.2	5935.9	5062	3853.8	2740.3	2704.8	23720	6669195	2556	311
	5th quintile	4073.2	6892	8527	5067.6	7732.4	4504.8	36796.9	9725387	2468	343
	All	2889.4	5052.6	5246.7	3167.9	3661.7	2766.9	22785.2	29830231	11761	1598

Table 10 : Average medical expenditure (₹) per hospitalisation case (excluding childbirth) during last 365 days and its break up by category of expenditure separately for each quintile of UMPCE in Kerala.

Type of Hospital	Quintile	Package component	Average medical expenditure (₹) for treatment							Hospitalised case	
			Non package component					Total	Total exp. (₹.000)	Estd. (00)	Sample
			Doctors/surgeon's fees	Medicines	Diagnostic test	Bed charges	Other medical expenses				
Rural+Urban											
Government/ Public Hospital	1st quintile	49.1	95.2	1330.9	977.2	115.9	358.9	2927.2	1101066	2053	271
	2nd quintile	0	244.2	1799.2	1083.1	88	752.9	3967.4	1110311	1858	223
	3rd quintile	42.8	357.3	1747.9	1698.3	254.2	1823	5923.6	1792233	2027	250
	4th quintile	21.1	395.9	2510.7	1707.9	204.6	1036.4	5876.7	1633844	1867	222
	5th quintile	767.6	293.2	2298.8	1480.2	340.1	875.1	6055.1	1283016	1552	184
	All	151.6	274.4	1910.2	1383.7	195.2	975.2	4890.2	6920469	9357	1150
Charitable/ NGO Hospital	1st quintile	2090.3	5016	14009.4	4189	3072.6	2879.7	31257	248126	73	12
	2nd quintile	0	8146.8	6363.9	7452.8	2499	9026.9	33489.4	414837	115	11
	3rd quintile	4235.5	6887.1	4517.7	4287.1	5570.4	2618.1	28115.9	520827	156	14
	4th quintile	1441.8	7377.8	6059.3	5141.7	3606.5	3208.8	26835.8	244919	76	8
	5th quintile	656.1	4750.5	4165.8	2850.3	5843.3	6347.1	24613.1	151568	50	8
	All	2030.8	6755.9	6651	5030.4	4143.4	4720.7	29332.2	1580277	470	53
Private Hospital	1st quintile	2619.3	4319.7	5095.6	2403	3438.8	1943.4	19819.8	4323082	1923	310
	2nd quintile	2079.7	3967.2	4275.8	2394.5	3511.6	2419	18647.7	6096442	2883	403
	3rd quintile	3592.3	7962.1	5622.6	2679.9	3280.1	2484.4	25621.4	10641773	3779	476
	4th quintile	3258.7	7819.6	7056.6	4126.2	3769.4	3617.1	29647.6	10630723	3308	424
	5th quintile	4140.2	7537.6	7827.9	4579.9	6369.6	3851.6	34306.8	17475007	4721	586
	All	3306.5	6698.4	6240.2	3426.3	4314.1	3024.5	27010	49167027	16613	2199
All	1st quintile	1306.5	2190	3346.7	1712	1747.2	1156.7	11459.1	5672273	4048	593
	2nd quintile	1234.7	2641.6	3377.6	2012.4	2177.7	1937.9	13381.8	7621590	4855	637
	3rd quintile	2402.1	5347.9	4276.1	2388	2310.9	2263	18988	12954833	5962	740
	4th quintile	2081.2	5173.8	5425.9	3281.2	2499.7	2693.6	21155.4	12509485	5251	654
	5th quintile	3284.8	5737.6	6441.9	3805.5	4885.8	3141.1	27296.6	18909591	6324	778
	All	2167.4	4426.1	4715.1	2732	2853.4	2329.4	19223.4	57667773	26440	3402

Table 11: Percentage of cases of reimbursement of hospitalisation expense and average amount of replacement per hosp. case (EC) for each quintile class of UMPCE and in Kerala.

Rural									Male						
Percentage of cases reimbursed					Average amount reimbursed				Amount received as percentage of medical Expenditure Incurred				Hospitalisation cases		
Quintile	Type of medical Institution				Type of medical Institution				Type of medical Institution				Estd. (00)	Sample	
	Public	Charitable	Private	All	Public	Charitable	Private	All	Public	Charitable	Private	All			
1st quintile	6.2	0	9.6	7.6	140.9	0	987.2	499	3.7	0	5.3	4.8	1116	158	
2nd quintile	3.7	0	7.1	5.6	275.1	0	3000.7	1814.3	6.9	0	13.6	12.6	1203	157	
3rd quintile	17.5	0	11.9	14.5	4050.8	0	4705	4384.6	54.6	0	13.9	20.5	1717	207	
4th quintile	17.2	0	16.8	16.9	2059	0	1610.7	1814.5	24.6	0	4.4	7.9	1289	173	
5th quintile	18.4	0	11.5	13.1	3861.7	0	2704	2967.2	55.7	0	11.7	15.6	1984	218	
All	13	0	11.5	12	2190.7	0	2815.9	2530.1	35.2	0	10.5	13.9	7309	913	
Rural									Female						
Percentage of cases reimbursed					Average amount reimbursed				Amount received as percentage of medical Expenditure Incurred				Hospitalisation cases		
Quintile	Type of medical Institution				Type of medical Institution				Type of medical Institution				Estd. (00)	Sample	
	Public	Charitable	Private	All	Public	Charitable	Private	All	Public	Charitable	Private	All			
1st quintile	4.6	0	3.4	3.8	197.2	0	551.9	374.5	9.8	0	4.2	4.3	1034	147	
2nd quintile	1.2	0	13.3	8.8	247.9	0	1143.2	807.5	8.9	0	9.3	9.1	1352	167	
3rd quintile	5	26.3	7.7	7.7	75.4	1842.9	717.6	581.3	3	10	4.4	4.6	1706	190	
4th quintile	7.9	0	5.8	6.6	1035.7	0	678.7	812.2	17.1	0	3.3	5.4	1407	170	
5th quintile	1.1	0	14.1	10.5	64.6	0	2302.5	1678.6	1.2	0	7.6	7.1	1871	217	
All	4.1	11.8	9.7	7.9	340.8	826.2	1218.3	916.5	8.9	4	6.1	6.3	7370	891	

Table 11: Percentage of cases of reimbursement of hospitalisation expense and average amount of replacement per hosp. case (EC) for each quintile class of UMPCE and in Kerala.

Rural								All							
Percentage of cases reimbursed				Average amount reimbursed				Amount received as percentage of medical Expenditure Incurred				Hospitalisation cases			
Quintile	Type of medical Institution				Type of medical Institution				Type of medical Institution				Estd. (00)	Sample	
	Public	Charitable	Private	All	Public	Charitable	Private	All	Public	Charitable	Private	All			
1st quintile	5.5	0	6.3	5.8	164.9	0	756.8	439.2	5.4	0	4.8	4.6	2150	305	
2nd quintile	2.5	0	10.6	7.3	262.1	0	1967.8	1281.5	7.7	0	11.8	11.2	2555	324	
3rd quintile	12.9	24.9	9.6	11.1	2587.6	1745.6	2451.4	2488.7	46.2	9.1	10.2	14.7	3423	397	
4th quintile	12.9	0	10.6	11.5	1581	0	1084.8	1291.4	21.7	0	3.9	6.9	2696	343	
5th quintile	9.8	0	12.7	11.8	1983.6	0	2509.9	2341.7	32.2	0	9.4	11	3856	435	
All	9	8.6	10.5	9.9	1370.3	602.2	1963.2	1719.9	26.6	2.7	8.4	10.5	14679	1804	
Urban								Male							
Percentage of cases reimbursed				Average amount reimbursed				Amount received as percentage of medical Expenditure Incurred				Hospitalisation cases			
Quintile	Type of medical Institution				Type of medical Institution				Type of medical Institution				Estd. (00)	Sample	
	Public	Charitable	Private	All	Public	Charitable	Private	All	Public	Charitable	Private	All			
1st quintile	5	0	4.5	4.7	238.9	0	1951.8	1048.1	8.2	0	9.8	9.1	4048	593	
2nd quintile	4.6	0	9.7	7.5	706.9	0	1849.2	1368.4	17.8	0	9.9	10.2	4855	637	
3rd quintile	11.7	10.9	10.1	10.7	2535	761.2	3167	2889.3	42.8	2.7	12.4	15.2	5962	740	
4th quintile	9.8	8.4	10.9	10.5	1026.4	501.6	2838.4	2160.2	17.5	1.9	9.6	10.2	5251	654	
5th quintile	13.7	0	14.7	14.3	1698.9	0	3462.6	3002.2	28.1	0	10.1	11	6324	778	
All	8.8	5	10.8	10	1228.6	333.5	2816.3	2210.3	25.1	1.1	10.4	11.5	26440	3402	

Table 11: Percentage of cases of reimbursement of hospitalisation expense and average amount of replacement per hosp. case (EC) for each quintile class of UMPCE and in Kerala.

Urban									Female						
Percentage of cases reimbursed					Average amount reimbursed				Amount received as percentage of medical Expenditure Incurred				Hospitalisation cases		
Quintile	Type of medical Institution				Type of medical Institution				Type of medical Institution				Estd. (00)	Sample	
	Public	Charitable	Private	All	Public	Charitable	Private	All	Public	Charitable	Private	All			
1st quintile	4.1	0	1.6	2.5	218.1	0	2517	1568.4	7.6	0	14.5	13.8	835	139	
2nd quintile	2.6	0	8.3	5.8	1146.4	0	1772.1	1457.9	25.2	0	9.2	10.6	1067	155	
3rd quintile	8.6	0	13.8	11.6	2234	0	3466.3	2949.5	40.8	0	14.1	16.7	1069	155	
4th quintile	1.5	0	10.6	7.9	22	0	3649.3	2604.1	0.7	0	13.5	12.2	1598	190	
5th quintile	16.8	0	14.5	14.9	337.7	0	4319.4	3542.7	6.6	0	13.2	12.9	1246	181	
All	5.8	0	10.6	8.9	831.9	0	3349.6	2509.7	19.7	0	13.1	13.1	5814	820	
Urban									All						
Percentage of cases reimbursed					Average amount reimbursed				Amount received as percentage of medical Expenditure Incurred				Hospitalisation cases		
Quintile	Type of medical Institution				Type of medical Institution				Type of medical Institution				Estd. (00)	Sample	
	Public	Charitable	Private	All	Public	Charitable	Private	All	Public	Charitable	Private	All			
1st quintile	4.4	0	2.6	3.4	326.9	0	3258.9	1737.5	11.8	0	13.4	12.8	1899	288	
2nd quintile	6.9	0	8.7	7.7	1211	0	1714.7	1464.9	26.3	0	8.2	9.5	2300	313	
3rd quintile	9.6	0	10.8	10.1	2443	0	4029.4	3429.3	37.7	0	14.6	15.8	2539	343	
4th quintile	4.8	11	11.1	9.4	111.9	658.6	4320.5	3076.6	3.1	2	13.8	13	2556	311	
5th quintile	21.1	0	17.4	18.2	1158.2	0	4843.4	4033.9	19.8	0	10.7	11	2468	343	
All	8.4	2.3	11.2	10.1	1020	140.1	3803.3	2822.3	22.7	0.4	12.1	12.4	11761	1598	

Table 11: Percentage of cases of reimbursement of hospitalisation expense and average amount of replacement per hosp. case (EC) for each quintile class of UMPCE and in Kerala.

All														Male	
Percentage of cases reimbursed					Average amount reimbursed				Amount received as percentage of medical Expenditure Incurred				Hospitalisation cases		
Quintile	Type of medical Institution				Type of medical Institution				Type of medical Institution				Estd. (00)	Sample	
	Public	Charitable	Private	All	Public	Charitable	Private	All	Public	Charitable	Private	All			
1st quintile	5.4	0	6.8	5.9	260	0	2470	1168.1	7.9	0	9.8	9.2	2180	307	
2nd quintile	7	0	8.1	7.5	751.8	0	2310.7	1640.5	17.5	0	10.4	10.4	2436	315	
3rd quintile	15.4	0	10.3	12	3622.3	0	4534.9	4104.7	48.6	0	14.4	18	3187	395	
4th quintile	14.8	30.1	14.4	14.7	1477.6	1806.5	3540.7	2688.6	21.3	15.4	9.4	10.8	2247	294	
5th quintile	20.7	0	15.1	16.3	3109.5	0	3761.1	3564.7	46	0	10.1	12.1	3206	380	
All	12.1	3.6	11.6	11.7	1789.3	215	3510.5	2798.3	31.8	0.5	11	12.8	13256	1691	
All														Female	
Percentage of cases reimbursed					Average amount reimbursed				Amount received as percentage of medical Expenditure Incurred				Hospitalisation cases		
Quintile	Type of medical Institution				Type of medical Institution				Type of medical Institution				Estd. (00)	Sample	
	Public	Charitable	Private	All	Public	Charitable	Private	All	Public	Charitable	Private	All			
1st quintile	4.4	0	2.5	3.3	205.6	0	1497	908	8.7	0	9.9	9.1	1869	286	
2nd quintile	1.9	0	11.2	7.5	655.8	0	1408.7	1094.4	18.3	0	9.3	9.9	2419	322	
3rd quintile	6.6	18.7	9.9	9.2	1028	1312.1	1717.8	1493.4	27	7.2	8.9	10.3	2775	345	
4th quintile	5.1	0	8.5	7.3	597.2	0	2374.8	1765.1	12.2	0	9.8	9.6	3005	360	
5th quintile	6.1	0	14.3	12.2	152.2	0	3162.2	2423.6	2.9	0	10.1	9.7	3117	398	
All	4.8	5.8	10.1	8.3	543.9	405.8	2181.7	1619.1	13.6	1.9	9.7	9.8	13184	1711	

Table 11: Percentage of cases of reimbursement of hospitalisation expense and average amount of replacement per hosp. case (EC) for each quintile class of UMPCE and in Kerala.

All					All									
Percentage of cases reimbursed					Average amount reimbursed				Amount received as percentage of medical Expenditure Incurred				Hospitalisation cases	
Quintile	Type of medical Institution				Type of medical Institution				Type of medical Institution				Estd. (00)	Sample
	Public	Charitable	Private	All	Public	Charitable	Private	All	Public	Charitable	Private	All		
1st quintile	5	0	4.5	4.7	238.9	0	1951.8	1048.1	8.2	0	9.8	9.1	4048	593
2nd quintile	4.6	0	9.7	7.5	706.9	0	1849.2	1368.4	17.8	0	9.9	10.2	4855	637
3rd quintile	11.7	10.9	10.1	10.7	2535	761.2	3167	2889.3	42.8	2.7	12.4	15.2	5962	740
4th quintile	9.8	8.4	10.9	10.5	1026.4	501.6	2838.4	2160.2	17.5	1.9	9.6	10.2	5251	654
5th quintile	13.7	0	14.7	14.3	1698.9	0	3462.6	3002.2	28.1	0	10.1	11	6324	778
All	8.8	5	10.8	10	1228.6	333.5	2816.3	2210.3	25.1	1.1	10.4	11.5	26440	3402

Table 12 : Average medical expenditure for (non-hospitalised) treatment per treated spell of ailment during a period of last 15 days by level of care for each quintile class of UMPCE in Kerala.

Quintile class of UMPCE	Rural						Male	
	Average medical expenditure for treatment (₹) per spell						No.of treated spells of ailments	
	Govt./ Public hospital	Charitable/ Trust/ NGO run hospital	Private hospital	Private doctor/ Clinic	Informal health care provider	All	Estd. (00)	Sample
1st quintile	90.1	2169.4	777.4	491.3	0	351.2	2644	172
2nd quintile	210.1	400	533	379.8	1550	327.1	3735	231
3rd quintile	176.2	0	666.9	263.6	0	278.4	4947	289
4th quintile	155.2	2250	657.8	238.6	0	299.3	4414	278
5th quintile	215.3	333.4	777.1	486.2	680	564.7	6813	371
All	171.3	1091	716.4	369.1	781.4	387.2	22551	1341
Estd.no.of spell of ailment (00)	9559	95	6370	5838	16	22551	X	X
No.of sample spell of ailment	590	12	423	279	2	1341	X	X

Table 12 : Average medical expenditure for (non-hospitalised) treatment per treated spell of ailment during a period of last 15 days by level of care for each quintile class of UMPCE in Kerala.

Quintile class of UMPCE	Rural						Female	
	Average medical expenditure for treatment (₹) per spell						No.of treated spells of ailments	
	Govt./Public hospital	Charitable/Trust/NGO run hospital	Private hospital	Private doctor/ Clinic	Informal health care provider	All	Estd. (00)	Sample
1st quintile	132.1	208.6	587.9	513.7	875	311.6	3021	199
2nd quintile	199.3	0	682.4	290.5	0	353.9	4789	324
3rd quintile	99.6	339.8	638	588.6	0	305.9	5724	367
4th quintile	118.4	400	390.3	364.8	0	292	6188	368
5th quintile	237.6	479.4	622.9	334.8	0	400	8108	414
All	156	348.9	564.7	382.1	718.5	339.7	27831	1672
Estd.no.of spell of ailment (00)	11694	118	8130	7155	37	27831	X	X
No.of sample spell of ailment	756	11	536	326	3	1672	X	X

Table 12 : Average medical expenditure for (non-hospitalised) treatment per treated spell of ailment during a period of last 15 days by level of care for each quintile class of UMPCE in Kerala.

	Rural						All	
Quintile class of UMPCE	Average medical expenditure for treatment (₹.) per spell						No.of treated spells of ailments	
	Govt./Public hospital	Charitable/Trust/NGO run hospital	Private hospital	Private doctor/ Clinic	Informal health care provider	All	Estd. (00)	Sample
1st quintile	112.5	578	689.7	504	875	330.3	5665	371
2nd quintile	204	400	625.5	330.2	344.5	342.5	8524	555
3rd quintile	135.5	339.8	649.4	414.6	0	293.1	10671	656
4th quintile	136.5	1325	462.2	305.6	0	295	10601	646
5th quintile	229.3	376	707.4	396.4	680	475	14921	785
All	162.9	680.4	631.3	376.3	737.7	360.9	50383	3013
Estd.no.of spell of ailment (00)	21254	213	14500	12992	54	50383	X	X
No.of sample spell of ailment	1346	23	959	605	5	3013	X	X

Table 12 : Average medical expenditure for (non-hospitalised) treatment per treated spell of ailment during a period of last 15 days by level of care for each quintile class of UMPCE in Kerala.

Quintile class of UMPCE	Urban						Male	
	Average medical expenditure for treatment (₹) per spell						No.of treated spells of ailments	
	Govt./Public hospital	Charitable/Trust/NGO run hospital	Private hospital	Private doctor/ Clinic	Informal health care provider	All	Estd. (00)	Sample
1st quintile	338.4	3255.7	456.6	340.2	0	364.8	2044	153
2nd quintile	156.5	215	787	457.3	0	364.2	3982	259
3rd quintile	188.6	1325	367.2	392.8	772.1	381.1	3426	234
4th quintile	173.6	0	665.2	359.7	0	373.2	4480	271
5th quintile	225.3	0	532.1	450	0	475	4918	294
All	201.4	1149.9	557.4	406.6	772.1	398.8	18849	1211
Estd.no.of spell of ailment (00)	6260	244	6334	5519	10	18849	X	X
No.of sample spell of ailment	406	8	450	302	2	1211	X	X

Table 12 : Average medical expenditure for (non-hospitalised) treatment per treated spell of ailment during a period of last 15 days by level of care for each quintile class of UMPCE in Kerala.

Quintile class of UMPCE	Urban						Female	
	Average medical expenditure for treatment (₹) per spell						No.of treated spells of ailments	
	Govt./Public hospital	Charitable/Trust/NGO run hospital	Private hospital	Private doctor/ Clinic	Informal health care provider	All	Estd. (00)	Sample
1st quintile	136.5	0	444	487.3	0	306.5	2876	193
2nd quintile	99.1	334.7	674.2	337.3	0	299.7	5535	299
3rd quintile	140.4	70	613.5	240.3	200	305.3	4790	287
4th quintile	141.1	658.7	665.8	514	0	449.6	6299	331
5th quintile	235.8	200.4	559	598.9	0	508.5	5776	352
All	138.7	247.1	609	448.2	167.4	385.9	25276	1462
Estd.no.of spell of ailment (00)	9451	138	8718	6596	7	25276	X	X
No.of sample spell of ailment	520	8	547	351	2	1462	X	X

Table 12 : Average medical expenditure for (non-hospitalised) treatment per treated spell of ailment during a period of last 15 days by level of care for each quintile class of UMPCE in Kerala.

Quintile class of UMPCE	Urban						All	
	Average medical expenditure for treatment (₹) per spell						No.of treated spells of ailments	
	Govt./Public hospital	Charitable/Trust/NGO run hospital	Private hospital	Private doctor/ Clinic	Informal health care provider	All	Estd. (00)	Sample
1st quintile	221.6	3255.7	447.7	420.5	0	330.5	4920	346
2nd quintile	122.6	265.6	713.3	390.5	0	325.9	9517	558
3rd quintile	154.9	985	506.2	317.6	564.3	336.7	8216	521
4th quintile	156.5	492.2	665.6	448.1	0	417.9	10779	602
5th quintile	232.3	200.4	545.3	531.4	0	493	10694	646
All	163.7	823.5	587.3	429.3	527.1	391.3	44126	2673
Estd.no.of spell of ailment (00)	15710	382	15052	12115	17	44126	X	X
No.of sample spell of ailment	926	16	997	653	4	2673	X	X

Table 12 : Average medical expenditure for (non-hospitalised) treatment per treated spell of ailment during a period of last 15 days by level of care for each quintile class of UMPCE in Kerala.

		All					Male	
Quintile class of UMPCE	Average medical expenditure for treatment (₹) per spell						No.of treated spells of ailments	
	Govt./Public hospital	Charitable/Trust/NGO run hospital	Private hospital	Private doctor/ Clinic	Informal health care provider	All	Estd. (00)	Sample
1st quintile	192.2	2734.9	696.8	397.2	0	357	4688	325
2nd quintile	182.7	218.3	651.8	423.4	1550	346.4	7717	490
3rd quintile	179.2	1325	492.7	330.2	772.1	321	8372	523
4th quintile	164.2	1767.6	662.4	292.5	0	336.8	8893	549
5th quintile	217.9	333.4	660	471.5	680	527.2	11730	665
All	183.2	1133.4	637.1	387.3	777.9	392.5	41401	2552
Estd.no.of spell of ailment (00)	15819	339	12704	11357	26	41401	X	X
No.of sample spell of ailment	996	20	873	581	4	2552	X	X

Table 12 : Average medical expenditure for (non-hospitalised) treatment per treated spell of ailment during a period of last 15 days by level of care for each quintile class of UMPCE in Kerala.

Quintile class of UMPCE	All						Female	
	Average medical expenditure for treatment (₹) per spell						No.of treated spells of ailments	
	Govt./Public hospital	Charitable/Trust/NGO run hospital	Private hospital	Private doctor/ Clinic	Informal health care provider	All	Estd. (00)	Sample
1st quintile	134.1	208.6	517.8	497.8	875	309.1	5897	392
2nd quintile	144.9	334.7	678.2	316.9	0	324.7	10325	623
3rd quintile	115.8	157.2	624.8	399.3	200	305.6	10515	654
4th quintile	130	515.5	533.4	437.7	0	372.1	12487	699
5th quintile	237	376	589.8	430.4	0	444.4	13884	766
All	148.3	293.9	587.6	413.8	634.7	361.8	53108	3134
Estd.no.of spell of ailment (00)	21145	256	16848	13751	44	53108	X	X
No.of sample spell of ailment	1276	19	1083	677	5	3134	X	X

Table 12 : Average medical expenditure for (non-hospitalised) treatment per treated spell of ailment during a period of last 15 days by level of care for each quintile class of UMPCE in Kerala.

Quintile class of UMPCE	All						All	
	Average medical expenditure for treatment (₹) per spell						No.of treated spells of ailments	
	Govt./Public hospital	Charitable/Trust/NGO run hospital	Private hospital	Private doctor/ Clinic	Informal health care provider	All	Estd. (00)	Sample
1st quintile	160.1	1032.8	597.1	452.8	875	330.4	10585	717
2nd quintile	160.9	267	668.6	364.2	344.5	333.7	18042	1113
3rd quintile	142	911	569.6	363.3	564.3	312.5	18887	1177
4th quintile	146.5	1033.1	573.7	372.4	0	357.4	21380	1248
5th quintile	230.1	350.3	626.9	447.9	632.3	482.5	25615	1431
All	163.2	772.3	608.9	401.8	688.1	375.2	94509	5686
Estd.no.of spell of ailment (00)	36964	594	29552	25108	70	94509	X	X
No.of sample spell of ailment	2272	39	1956	1258	9	5686	X	X

Table 13 : Average medical expenditure for (non-hospitalised) treatments per treated spell of ailment during last 15 days by nature of treatment for each quintile class of UMPCE in Kerala.

Rural								
Quintile class of UMPCE	Average medical expenditure for treatment (₹) per spell						No.of spells of treated ailments	
	Allopathy	Indian system of medicine	Homoeopathy	Yoga & Naturopathy	Other sources	Any of the source	Estd.no (00)	Sample
1st quintile	364.1	245.1	129	0	250	338.9	5665	371
2nd quintile	333.3	385.8	164.1	225	0	331.9	8524	555
3rd quintile	287.3	620.7	150.5	0	0	289.8	10671	656
4th quintile	302.8	265.9	96.6	46.5	300	288	10601	646
5th quintile	475.6	564.8	303	0	24.5	473	14921	785
All	363.8	376.4	173.6	29.9	187.9	356.3	50383	3013
Estd.no.of spell of ailment (00)	45249	3089	1798	179	68	50383	X	X
No.of sample spell of ailment	2740	156	101	9	7	3013	X	X

Table 13 : Average medical expenditure for (non-hospitalised) treatments per treated spell of ailment during last 15 days by nature of treatment for each quintile class of UMPCE in Kerala.

Urban								
Quintile class of UMPCE	Average medical expenditure for treatment (₹) per spell						No. of spells of treated ailments	
	Allopathy	Indian system of medicine	Homoeopathy	Yoga & Naturopathy	Other sources	Any of the source	Estd.no (00)	Sample
1st quintile	346	125.7	192.3	0	350	323.8	4920	346
2nd quintile	307.5	751.1	321.8	100	0	320.4	9517	558
3rd quintile	331.5	485.5	90.9	713.3	325	335.4	8216	521
4th quintile	431.5	299.7	177.3	27.4	160	413.5	10779	602
5th quintile	493.1	563	245.9	0	16.9	488.1	10694	646
All	390.8	425	222.6	231.7	254	387	44126	2673
Estd.no.of spell of ailment (00)	40185	2436	1400	46	59	44126	X	X
No.of sample spell of ailment	2439	147	76	5	6	2673	X	X

Table 13 : Average medical expenditure for (non-hospitalised) treatments per treated spell of ailment during last 15 days by nature of treatment for each quintile class of UMPCE in Kerala.

All								
Quintile class of UMPCE	Average medical expenditure for treatment (₹) per spell						No.of spells of treated ailments	
	Allopathy	Indian system of medicine	Homoeopathy	Yoga & Naturopathy	Other sources	Any of the source	Estd.no (00)	Sample
1st quintile	355.3	209.9	165.1	0	255.5	331.9	10585	717
2nd quintile	319.4	495.2	253.3	133.6	0	325.8	18042	1113
3rd quintile	306.5	543	134.2	115.2	297.9	309.6	18887	1177
4th quintile	368.4	283.6	129.8	42.6	275.3	351.3	21380	1248
5th quintile	482.8	563.8	277	0	21.5	479.3	25615	1431
All	376.5	397.8	195.1	71.2	218.6	370.6	94509	5686
Estd.no.of spell of ailment (00)	85433	5525	3199	225	127	94509	X	X
No.of sample spell of ailment	5179	303	177	14	13	5686	X	X

Table 14: Item-wise average medical expenditure (₹) for non-hospitalised treatment per treated spell of ailment for each level of care in Kerala.

Level care	Rural						Male		
	Average medical expenditure(₹) per treated spell under						Total exp.(₹)	No.of spells of treated ailments	
	Doctor's/ Surgeon's fee	Medicines AYUSH	Medicines non-AYUSH	Diagnostic tests	Other medical expenses	Total		Estd.no (00)	Sample
Govt./ Public Hospital	8.3	4.3	126.2	29.4	3.1	171.3	163759	9559	590
Charitable/ Trust/ NGO run hospital	194.6	0	884.8	8.7	2.8	1091	10356	95	12
Private Hospital	86.5	18.3	489.6	109.8	12.2	716.4	456335	6370	423
Private Doctor/ Clinic	60.8	25.7	244.1	33.3	5.2	369.1	215468	5838	279
Informal health care provider	88.3	116.5	247.4	329.1	0	781.4	1281	16	2
All	44.7	14.6	259.9	52.4	6.2	377.8	851920	22551	1341

Table 14: Item-wise average medical expenditure (₹) for non-hospitalised treatment per treated spell of ailment for each level of care in Kerala.

Level care	Rural						Female		
	Average medical expenditure (₹) per treated spell under						Total exp. (₹)	No.of spells of treated ailments	
	Doctor's/ Surgeon's fee	Medicines AYUSH	Medicines non-AYUSH	Diagnostic tests	Other medical expenses	Total		Estd.no (00)	Sample
Govt./ Public Hospital	13.4	9.8	106.2	23.8	2.8	156	182463	11694	756
Charitable/ Trust/ NGO run hospital	87.7	141.2	120.1	0	0	348.9	4102	118	11
Private Hospital	81.3	23	339.2	83.7	37.6	564.7	459084	8130	536
Private Doctor/ Clinic	63.3	45.4	242.4	19	11.9	382.1	273389	7155	326
Informal health care provider	102.6	615.9	0	0	0	718.5	2685	37	3
All	46.6	24.3	210.2	41.5	16.3	339	943369	27831	1672

Table 14: Item-wise average medical expenditure (₹) for non-hospitalised treatment per treated spell of ailment for each level of care in Kerala.

Level care	Rural						All		
	Average medical expenditure(₹) per treated spell under						Total exp.(₹)	No.of spells of treated ailments	
	Doctor's/ Surgeon's fee	Medicines AYUSH	Medicines non-AYUSH	Diagnostic tests	Other medical expenses	Total		Estd.no (00)	Sample
Govt./ Public Hospital	11.1	7.3	115.2	26.4	2.9	162.9	346221	21254	1346
Charitable/ Trust/ NGO run hospital	135.4	78.1	461.7	3.9	1.3	680.4	14458	213	23
Private Hospital	83.6	20.9	405.2	95.1	26.4	631.3	915419	14500	959
Private Doctor/ Clinic	62.2	36.6	243.2	25.5	8.9	376.3	488857	12992	605
Informal health care provider	98.3	463.6	75.4	100.4	0	737.7	3966	54	5
All	45.7	20	232.5	46.4	11.8	356.3	1795289	50383	3013

Table 14: Item-wise average medical expenditure (₹) for non-hospitalised treatment per treated spell of ailment for each level of care in Kerala.

Level care	Urban						Male		
	Average medical expenditure (₹) per treated spell under						Total exp. (₹)	No.of spells of treated ailments	
	Doctor's/ Surgeon's fee	Medicines AYUSH	Medicines non-AYUSH	Diagnostic tests	Other medical expenses	Total		Estd.no (00)	Sample
Govt./ Public Hospital	6.4	3.9	175.7	11.5	3.9	201.4	126095	6260	406
Charitable/ Trust/ NGO run hospital	4.2	0	1096.6	30	19.2	1149.9	28037	244	8
Private Hospital	82.1	34.5	385.8	50.9	4.1	557.4	353102	6334	450
Private Doctor/ Clinic	94.4	43.5	240.8	27.8	0	406.6	224412	5519	302
Informal health care provider	27.9	744.3	0	0	0	772.1	760	10	2
All	57.8	26.3	275.4	29.6	2.9	392	738943	18849	1211

Table 14: Item-wise average medical expenditure (₹) for non-hospitalised treatment per treated spell of ailment for each level of care in Kerala.

		Urban					Female			
Level care	Average medical expenditure (₹) per treated spell under						Total exp. (₹)	No.of spells of treated ailments		
	Doctor's/ Surgeon's fee	Medicines AYUSH	Medicines non-AYUSH	Diagnostic tests	Other medical expenses	Total		Estd.no (00)	Sample	
Govt./ Public Hospital	9.2	8	103	14.9	3.6	138.7	131077	9451	520	
Charitable/ Trust/ NGO run hospital	34.5	0	194.7	17.9	0	247.1	3413	138	8	
Private Hospital	87.9	18.9	411.8	72.5	18	609	530946	8718	547	
Private Doctor/ Clinic	80.7	74.3	239.2	48.8	5.1	448.2	295653	6596	351	
Informal health care provider	0	167.4	0	0	0	167.4	112	7	2	
All	55.7	29.6	244.8	44.2	8.9	383.2	968539	25276	1462	

Table 14: Item-wise average medical expenditure (₹) for non-hospitalised treatment per treated spell of ailment for each level of care in Kerala.

Level care	Urban						All		
	Average medical expenditure (₹) per treated spell under						Total exp. (₹)	No.of spells of treated ailments	
	Doctor's/ Surgeon's fee	Medicines AYUSH	Medicines non-AYUSH	Diagnostic tests	Other medical expenses	Total		Estd.no (00)	Sample
Govt./ Public Hospital	8.1	6.4	132	13.6	3.7	163.7	257172	15710	926
Charitable/ Trust/ NGO run hospital	15.2	0	770.5	25.6	12.2	823.5	31449	382	16
Private Hospital	85.5	25.4	400.8	63.4	12.1	587.3	884048	15052	997
Private Doctor/ Clinic	87	60.3	239.9	39.3	2.8	429.3	520064	12115	653
Informal health care provider	16.6	510.5	0	0	0	527.1	872	17	4
All	56.6	28.2	257.9	38	6.3	387	1707482	44126	2673

Table 14: Item-wise average medical expenditure (₹) for non-hospitalised treatment per treated spell of ailment for each level of care in Kerala.

Level care	All						Male		
	Average medical expenditure (₹) per treated spell under						Total exp. (₹)	No.of spells of treated ailments	
	Doctor's/ Surgeon's fee	Medicines AYUSH	Medicines non-AYUSH	Diagnostic tests	Other medical expenses	Total		Estd.no (00)	Sample
Govt./ Public Hospital	7.5	4.1	145.8	22.3	3.4	183.2	289854	15819	996
Charitable/ Trust/ NGO run hospital	57.6	0	1037.3	24	14.6	1133.4	38393	339	20
Private Hospital	84.3	26.4	437.8	80.4	8.2	637.1	809438	12704	873
Private Doctor/ Clinic	77.2	34.4	242.5	30.7	2.7	387.3	439880	11357	581
Informal health care provider	65.7	352	154.6	205.7	0	777.9	2040	26	4
All	50.7	19.9	267	42	4.7	384.3	1590863	41401	2552

Table 14: Item-wise average medical expenditure (₹) for non-hospitalised treatment per treated spell of ailment for each level of care in Kerala.

Level care	All						Female		
	Average medical expenditure (₹) per treated spell under						Total exp. (₹)	No.of spells of treated ailments	
	Doctor's/ Surgeon's fee	Medicines AYUSH	Medicines non-AYUSH	Diagnostic tests	Other medical expenses	Total		Estd.no (00)	Sample
Govt./ Public Hospital	11.5	9	104.8	19.9	3.1	148.3	313539	21145	1276
Charitable/ Trust/ NGO run hospital	59	64.9	160.4	9.7	0	293.9	7515	256	19
Private Hospital	84.8	20.8	376.7	77.9	27.4	587.6	990030	16848	1083
Private Doctor/ Clinic	71.7	59.3	240.9	33.3	8.6	413.8	569041	13751	677
Informal health care provider	87	547.6	0	0	0	634.7	2797	44	5
All	50.9	26.8	226.7	42.8	12.8	360	1911908	53108	3134

Table 14: Item-wise average medical expenditure (₹) for non-hospitalised treatment per treated spell of ailment for each level of care in Kerala.

		All					All			
Level care	Average medical expenditure (₹) per treated spell under						Total exp. (₹)	No.of spells of treated ailments		
	Doctor's/ Surgeon's fee	Medicines AYUSH	Medicines non-AYUSH	Diagnostic tests	Other medical expenses	Total		Estd.no (00)	Sample	
Govt./ Public Hospital	9.8	6.9	122.3	20.9	3.3	163.2	603393	36964	2272	
Charitable/ Trust/ NGO run hospital	58.2	27.9	660.1	17.8	8.3	772.3	45908	594	39	
Private Hospital	84.6	23.2	403	79	19.2	608.9	1799467	29552	1956	
Private Doctor/ Clinic	74.1	48	241.6	32.1	5.9	401.8	1008921	25108	1258	
Informal health care provider	79.1	474.7	57.7	76.7	0	688.1	4838	70	9	
All	50.8	23.8	244.3	42.5	9.2	370.6	3502771	94509	5686	

Table 15 : (i) Percentage of pregnant women (aged 15-49 pregnant any time during last 365 days) receiving pre-natal and post-natal care, (ii) average no. of days IFA consumed, (iii) average expenditure on pre-natal care and post-natal care and (iv) average no. of days visiting anganwadi centre for various age-groups in Kerala.

Rural													
Age-group	Percentage of pregnant women receiving					Average no. of days IFA consumed (0.0 days)	Average expenditure incurred			Avg. exp.for child birth incl. Pre and post-natal care (₹)	Average no. of days visiting anganwadi centre during last 30 days (0.0)	No. of childbirth cases	
	Pre- natal care	Post- natal care	Tetanus toxoid vaccine	Iron and Folic acid	Recd more than 99 IFA		On pre- natal care (₹)	On post- natal care (₹)	For delivery (₹)			Estd. (00)	Sample
<20	80	0	0	5	93	642.4	421290	0	0	421489	0	368	35
20-24	57	0	9	0	97	696.9	551489	0	0	551623	0	974	213
25-29	67	100	0	1	97	694.2	561465	125	0	561590	0	1182	273
30-34	60	100	18	5	98	627	519720	113	0	519852	0	686	147
35-39	57	0	0	7	96	535.3	606094	0	0	606218	0	435	79
40-44	42	37	7	15	90	463.3	645364	38	0	645505	0	545	68
>=45	72	0	0	12	95	392.2	604262	0	0	604483	0	739	71
All	61	58	5	5	96	596.7	562854	68	0	563004	0	4927	886

Table 15 : (i) Percentage of pregnant women (aged 15-49 pregnant any time during last 365 days) receiving pre-natal and post-natal care,(ii) average no. of days IFA consumed, (iii) average expenditure on pre-natal care and post-natal care and (iv) average no. of days visiting anganwadi centre for various age-groups in Kerala.

Urban													
Age-group	Percentage of pregnant women receiving					Average no. of days IFA consumed (0.0 days)	Average expenditure incurred			Avg. exp.for child birth incl. Pre and post-natal care (₹)	Average no. of days visiting anganwadi centre during last 30 days (0.0)	No. of childbirth cases	
	Pre- natal care	Post- natal care	Tetanus toxoid vaccine	Iron and Folic acid	Recd more than 99 IFA		On pre- natal care (₹)	On post- natal care (₹)	For delivery (₹)			Estd. (00)	Sample
<20	60	100	0	15	82	395.2	758581	103	0	758779	0	185	29
20-24	54	100	12	0	98	671.5	658069	107	0	658222	0	749	182
25-29	67	0	0	2	100	714	594958	0	0	595092	0	1187	251
30-34	69	0	23	7	92	599.6	651632	0	0	651753	0	493	143
35-39	77	0	0	12	99	573.6	584209	0	0	584338	0	367	79
40-44	73	100	12	19	94	479.4	679561	102	0	679693	0	568	60
>=45	53	100	0	5	99	482.7	781168	102	0	781293	0	484	60
All	65	98	7	7	97	603.9	654398	100	0	654536	0	4033	804

Table 15 : (i) Percentage of pregnant women (aged 15-49 pregnant any time during last 365 days) receiving pre-natal and post-natal care, (ii) average no. of days IFA consumed, (iii) average expenditure on pre-natal care and post-natal care and (iv) average no. of days visiting anganwadi centre for various age-groups in Kerala.

All													
Age-group	Percentage of pregnant women receiving					Average no. of days IFA consumed (0.0 days)	Average expenditure incurred			Avg. exp. for child birth incl. Pre and post-natal care (₹)	Average no. of days visiting anganwadi centre during last 30 days (0.0)	No. of childbirth cases	
	Pre- natal care	Post- natal care	Tetanus toxoid vaccine	Iron and Folic acid	Recd more than 99 IFA		On pre- natal care (₹)	On post- natal care (₹)	For delivery (₹)			Estd. (00)	Sample
<20	72	100	0	10	88	559.8	534119	103	0	534318	0	553	64
20-24	56	100	10	0	98	685.9	597819	107	0	597961	0	1723	395
25-29	67	100	0	1	98	704.1	578244	125	0	578374	0	2368	524
30-34	64	100	20	6	96	615.5	574926	113	0	575054	0	1179	290
35-39	66	0	0	9	98	552.9	596073	0	0	596199	0	802	158
40-44	58	76	10	17	92	471.6	662814	78	0	662951	0	1113	128
>= 45	62	100	0	9	97	428.1	674303	102	0	674486	0	1223	131
All	63	74	6	6	96	600	604056	81	0	604200	0	8960	1690

Table 16 : Percentage of women aged 15-49 years who were pregnant any time during last 365 days and Percentage distribution of childbirth/ abortion by place of delivery/ abortion for each child-bearing age-group in Kerala.

Rural													
Age-group	Percentage of women who were pregnant at some time during last 365 days	Percentage of pregnancies ended with		Place of childbirth				Place of abortion				No. of pregnant women	
				Institutional		Non-institutional		Institutional		Others	All		
		Child birth (live birth & still birth)	Abortion	At public hospital*	At private hospital [#]	Attended by		At public hospital*	At private hospital [#]				
						Skilled person	Un- skilled person						
Est. no. (00)	Sample												
<20	1.9	54.6	45.4	9.1	90.9	0	0	16.6	5.2	0	100	108	13
20-24	15.8	94.8	5.2	35.8	64.2	0	0	13.1	54.8	0	100	1066	200
25-29	23.2	88.6	11.4	30.7	69.3	0	0	13.2	8.9	0	100	1357	265
30-34	9.2	91.2	8.8	30.6	69.4	0	0	44.1	31.8	0	100	506	124
35-39	3.7	96.5	0	19.7	80.3	0	0	0	0	0	0	233	45
40-44	0.1	31.2	0	0	100	0	0	0	0	0	0	10	4
>=45	0	0	0	0	0	0	0	0	0	0	0	0	0
All	7.3	90.1	9.5	31.3	68.7	0	0	18.6	19.9	0	100	3279	651
Est. no. of pregnant women (00)	3279	2198	231	688	1510	0	0	43	46	0	231	X	X
Sample no. of pregnant women	651	586	23	215	371	0	0	5	11	0	23	X	X

Table 16 : Percentage of women aged 15-49 years who were pregnant any time during last 365 days and Percentage distribution of childbirth/ abortion by place of delivery/ abortion for each child-bearing age-group in Kerala.

Urban													
Age-group	Percentage of women who were pregnant at some time during last 365 days	Percentage of pregnancies ended with		Place of childbirth				Place of abortion				No. of pregnant women	
				Institutional		Non-institutional		Institutional					
		Child birth (live birth & still birth)	Abortion	At public hospital*	At private hospital [#]	Attended by		At public hospital*	At private hospital [#]	Others	All	Estd. no. (00)	Sample
						Skilled person	Un- skilled person						
<20	5.2	19.4	5.3	72.5	27.5	0	0	0	100	0	100	282	12
20-24	15.7	92.6	5.8	38.4	61.6	0	0	21.7	24.7	0	100	854	163
25-29	19.3	91.9	7.1	33.8	66.2	0	0	9.4	60.5	0	100	926	224
30-34	9.9	68.5	7.5	32.6	67.4	0	0	0	81	0	100	539	121
35-39	2.9	85.5	14.5	30.4	69.6	0	0	0	83	0	100	148	46
40-44	0.6	69	31	70.2	29.8	0	0	0	100	0	100	32	6
>=45	0.1	0	0	0	0	0	0	0	0	0	0	6	1
All	7.2	81.5	7.5	35.9	64.1	0	0	8	63.9	0	100	2787	573
Estd. no. of pregnant women (00)	2787	1744	160	626	1117	0	0	13	102	0	160	X	X
Sample no. of pregnant women	573	493	33	175	318	0	0	4	22	0	33	X	X

Table 16 : Percentage of women aged 15-49 years who were pregnant any time during last 365 days and Percentage distribution of childbirth/ abortion by place of delivery/ abortion for each child-bearing age-group in Kerala.

All													
Age-group	Percentage of women who were pregnant at some time during last 365 days	Percentage of pregnancies ended with		Place of childbirth				Place of abortion				No. of pregnant women	
				Institutional		Non-institutional		Institutional		Others	All		
		Child birth (live birth & still birth)	Abortion	At public hospital*	At private hospital#	Attended by		At public hospital*	At private hospital#				
						Skilled person	Un- skilled person						
<20	3.5	32.6	20.3	32.8	67.2	0	0	13.9	20.7	0	100	390	25
20-24	15.7	93.9	5.4	36.9	63.1	0	0	17.1	40.8	0	100	1919	363
25-29	21.4	90	9.6	32.1	67.9	0	0	12	25.2	0	100	2283	489
30-34	9.6	79.3	8.1	31.5	68.5	0	0	22.6	55.7	0	100	1044	245
35-39	3.3	90.9	7.3	24.7	75.3	0	0	0	83	0	100	381	91
40-44	0.3	61.6	24.9	63.3	36.7	0	0	0	100	0	100	42	10
>=45	0	0	0	0	0	0	0	0	0	0	0	6	1
All	7.3	86.1	8.5	33.3	66.7	0	0	14.2	37.9	0	100	6067	1224
Estd. no. of pregnant women (00)	6067	3941	391	1314	2627	0	0	56	148	0	391	X	X
Sample no. of pregnant women	1224	1079	56	390	689	0	0	9	33	0	56	X	X

*includes HSC, PHC, CHC, govt./public hospital

includes charitable/Trust/NGO run hospitals and private hospital

Table 17 : Percentage distribution of women aged 15-49 years who were pregnant any time during last 365 days by outcome of pregnancy separately for each child bearing age-group in Kerala.

Rural											
Age-group	Outcome of pregnancy							Other	All	No. of pregnant women	
	Pregnancy continuing	Mother alive			Mother died					Estd. no. (00)	Sample
		Live birth	Still birth	Abortion	Live birth	Still birth	Abortion				
< 20	26	40.4	0	33.6	0	0	0	0	100	108	13
20 - 24	26.5	69.7	0	3.8	0	0	0	0	100	1066	200
25 - 29	24.4	66.6	0.3	8.6	0	0	0	0	100	1357	265
30 - 34	19.2	73.7	0	7.1	0	0	0	0	100	506	124
35 - 39	44.6	53.5	0	0	0	0	0	2	100	233	45
40 - 44	23.7	23.8	0	0	0	0	0	52.5	100	10	4
≥ 45	0	0	0	0	0	0	0	0	0	0	0
All	25.8	66.8	0.1	7	0	0	0	0.3	100	3279	651
Estd. no. of pregnant women (00)	847	2193	4	225	0	0	0	10	3279	X	X
Sample no. of pregnant women	42	584	1	21	0	0	0	3	651	X	X

Table 17 : Percentage distribution of women aged 15-49 years who were pregnant any time during last 365 days by outcome of pregnancy separately for each child bearing age-group in Kerala.

Urban											
Age-group	Outcome of pregnancy							Other	All	No. of pregnant women	
	Pregnancy continuing	Mother alive			Mother died					Estd. no. (00)	Sample
		Live birth	Still birth	Abortion	Live birth	Still birth	Abortion				
< 20	51.4	9.4	0	2.6	0	0	0	36.6	100	282	12
20 - 24	28.7	65.1	0.9	4.1	0	0	0	1.1	100	854	163
25 - 29	16.5	75.5	0.9	5.9	0	0	0	0.8	100	926	224
30 - 34	15.7	57.8	0	6.3	0	0	0	20.2	100	539	121
35 - 39	12.1	75.1	0	12.8	0	0	0	0	100	148	46
40 - 44	0	69	0	31	0	0	0	0	100	32	6
≥ 45	0	0	0	0	0	0	0	100	100	6	1
All	23.2	61.9	0.6	5.7	0	0	0	8.5	100	2787	573
Estd. no. of pregnant women (00)	646	1725	16	160	0	0	0	236	2787	X	X
Sample no. of pregnant women	38	490	2	33	0	0	0	9	573	X	X

Table 17 : Percentage distribution of women aged 15-49 years who were pregnant any time during last 365 days by outcome of pregnancy separately for each child bearing age-group in Kerala.

All											
Age-group	Outcome of pregnancy							Other	All	No. of pregnant women	
	Pregnancy continuing	Mother alive			Mother died					Estd. no. (00)	Sample
		Live birth	Still birth	Abortion	Live birth	Still birth	Abortion				
< 20	44.2	18.2	0	11.3	0	0	0	26.3	100	390	25
20 - 24	27.5	67.6	0.4	3.9	0	0	0	0.5	100	1919	363
25 - 29	21.2	70.2	0.5	7.5	0	0	0	0.3	100	2283	489
30 - 34	17.4	65.5	0	6.7	0	0	0	10.4	100	1044	245
35 - 39	31.9	61.9	0	5	0	0	0	1.2	100	381	91
40 - 44	5.8	58	0	23.5	0	0	0	12.7	100	42	10
≥ 45	0	0	0	0	0	0	0	100	100	6	1
All	24.6	64.5	0.3	6.4	0	0	0	4	100	6067	1224
Estd. no. of pregnant women (00)	1493	3917	20	385	0	0	0	246	6067	X	X
Sample no. of pregnant women	80	1074	3	54	0	0	0	12	1224	X	X

Table 18 : Percentage distribution of cases of hospitalisation for childbirth by duration of stay in hospital and average duration of stay in hospital, separately for different medical institutions for each type of delivery in Kerala.

Rural								
Type of delivery	Duration of stay in hospital					Avg. duration of stay (0.0 days)	Cases of hospitalisation for childbirth	
	< 3 days	3 days to < 7 days	7 days to < 15 days	15 days or more	All		Estd. no. (00)	Sample
Type of medical institution: Govt./ Public								
Normal	2	79	17	2	100	5.5	511	159
Caesarean	0	36	55	9	100	8.5	171	54
Others	0	0	0	0	0	0	0	0
All	2	68	26	4	100	6.2	682	213
Estd. no. of hospitalisation cases (00) for childbirth	12	467	179	25	682	XXX	XXX	XXX
No. of sample hospitalisation cases for childbirth	5	144	55	9	213	XXX	XXX	XXX
Type of medical institution: Charitable/ NGO/ Trust run hospital								
Normal	0	100	0	0	100	3.9	13	6
Caesarean	0	43	57	0	100	6.3	13	5
Others	0	0	0	0	0	0	0	0
All	0	71	29	0	100	5.1	26	11
Estd. no. of hospitalisation cases (00) for childbirth	0	19	8	0	26	XXX	XXX	XXX
No. of sample hospitalisation cases for childbirth	0	8	3	0	11	XXX	XXX	XXX
Type of medical institution: Private hospital								
	9	80	10	0	100	4.2	909	198
Caesarean	0	59	40	1	100	6.3	580	162
Others	0	0	100	0	100	7	5	1
All	6	71	22	1	100	5	1494	361
Estd. no. of hospitalisation cases (00) for childbirth	85	1067	332	10	1494	XXX	XXX	XXX
No. of sample hospitalisation cases for childbirth	15	259	83	4	361	XXX	XXX	XXX
Type of medical institution : All								
Normal	7	80	12	1	100	4.7	1434	363
Caesarean	0	53	44	3	100	6.8	764	221
Others	0	0	100	0	100	7	5	1
All	4	71	24	2	100	5.4	2203	585
Estd. no. of hospitalisation cases (00) for childbirth	97	1553	518	35	2203	XXX	XXX	XXX
No. of sample hospitalisation cases for childbirth	20	411	141	13	585	XXX	XXX	XXX

Table 18 : Percentage distribution of cases of hospitalisation for childbirth by duration of stay in hospital and average duration of stay in hospital, separately for different medical institutions for each type of delivery in Kerala.

Urban								
Type of delivery	Duration of stay in hospital					Avg. duration of stay (0.0 days)	Cases of hospitalisation for childbirth	
	< 3 days	3 days to < 7 days	7 days to < 15 days	15 days or more	All		Estd. no. (00)	Sample
Type of medical institution: Govt./ Public								
Normal	5	63	30	3	100	5.5	395	114
Caesarean	0	31	59	10	100	9	235	60
Others	100	0	0	0	100	2	4	1
All	4	50	40	6	100	6.8	634	175
Estd. no. of hospitalisation cases (00) for childbirth	23	319	255	36	634	XXX	XXX	XXX
No. of sample hospitalisation cases for childbirth	6	99	60	10	175	XXX	XXX	XXX
Type of medical institution: Charitable/NGO/Trust run hospital								
Normal	17	39	44	0	100	4.6	17	3
Caesarean	0	35	65	0	100	6.2	25	3
Others	0	0	0	0	0	0	0	0
All	7	37	56	0	100	5.6	42	6
Estd. no. of hospitalisation cases (00) for childbirth	3	15	24	0	42	XXX	XXX	XXX
No. of sample hospitalisation cases for childbirth	1	3	2	0	6	XXX	XXX	XXX
Type of medical institution: Private hospital								
Normal	11	82	7	0	100	3.9	670	181
Caesarean	1	66	29	4	100	6.7	430	140
Others	100	0	0	0	100	2	7	1
All	8	75	16	2	100	5	1107	322
Estd. no. of hospitalisation cases (00) for childbirth	85	831	173	18	1107	XXX	XXX	XXX
No. of sample hospitalisation cases for childbirth	20	242	53	7	322	XXX	XXX	XXX
Type of medical institution: All								
Normal	9	74	16	1	100	4.5	1082	298
Caesarean	0	53	40	6	100	7.5	689	203
Others	100	0	0	0	100	2	12	2
All	6	65	25	3	100	5.6	1783	503
Estd. no. of hospitalisation cases (00) for childbirth	111	1166	451	55	1783	XXX	XXX	XXX
No. of sample hospitalisation cases for childbirth	27	344	115	17	503	XXX	XXX	XXX

Table 18 : Percentage distribution of cases of hospitalisation for childbirth by duration of stay in hospital and average duration of stay in hospital, separately for different medical institutions for each type of delivery in Kerala.

Rural+ Urban								
Type of delivery	Duration of stay in hospital					Avg. duration of stay (0.0 days)	Cases of hospitalisation for childbirth	
	< 3 days	3 days to < 7 days	7 days to < 15 days	15 days or more	All		Estd. no. (00)	Sample
Type of medical institution: Govt./ Public								
Normal	3	72	22	2	100	5.5	906	273
Caesarean	0	33	57	10	100	8.8	406	114
Others	100	0	0	0	100	2	4	1
All	3	60	33	5	100	6.5	1316	388
Estd. no. of hospitalisation cases (00) for childbirth	35	786	434	61	1316	XXX	XXX	XXX
No. of sample hospitalisation cases for childbirth	11	243	115	19	388	XXX	XXX	XXX
Type of medical institution: Charitable/NGO/Trust run hospital								
Normal	10	66	25	0	100	4.3	30	9
Caesarean	0	38	62	0	100	6.3	38	8
Others	0	0	0	0	0	0	0	0
All	4	50	46	0	100	5.4	68	17
Estd. no. of hospitalisation cases (00) for childbirth	3	34	31	0	68	XXX	XXX	XXX
No. of sample hospitalisation cases for childbirth	1	11	5	0	17	XXX	XXX	XXX
Type of medical institution: Private hospital								
Normal	10	81	9	0	100	4.1	1579	379
Caesarean	0	62	35	2	100	6.4	1010	302
Others	61	0	39	0	100	4	12	2
All	7	73	19	1	100	5	2601	683
Estd. no. of hospitalisation cases (00) for childbirth	170	1898	504	28	2601	XXX	XXX	XXX
No. of sample hospitalisation cases for childbirth	35	501	136	11	683	XXX	XXX	XXX
Type of medical institution: All								
Normal	8	77	14	1	100	4.6	2515	661
Caesarean	0	53	42	4	100	7.1	1453	424
Others	71	0	29	0	100	3.4	17	3
All	5	68	24	2	100	5.5	3985	1088
Estd. no. of hospitalisation cases (00) for childbirth	208	2719	969	90	3985	XXX	XXX	XXX
No. of sample hospitalisation cases for childbirth	47	755	256	30	1088	XXX	XXX	XXX

Table 19: Percentage of cases of hospitalisation for childbirth receiving specific types of medical services and their distribution by payment category for different types of medical institution in Kerala.

Rural																		
Type of medical institution	Percentage of cases receiving surgery	Medical services received as inpatient															Cases of hospitalisation for childbirth	
		Surgery				Percentage of cases receiving medicine	Medicine				Percentage of cases receiving X-ray/ ECG/ EEG/ Scan/ Other diagnostic tests	X-ray/ ECG/ EEG/ Scan/ Other						
		Service received			All		Service received			All		Service received			All			
		Free	Partly free	On payment			Free	Partly free	On payment			Free	Partly free	On payment		Estd. no. (00)	Sample	
Govt./ Public hospital	28.4	90.5	3.7	5.8	100	97	31.8	58.9	9.3	100	95.2	34.6	50.2	47.3	100	682	213	
Charitable/ Trust/ NGO run hospital	50.1	23.1	0	76.9	100	88.4	6.4	3	90.6	100	100	11.6	0	88.4	100	26	11	
Private hospital	42.6	1.4	0	98.6	100	99.5	2.4	0.5	97.1	100	97.7	1.3	0.6	98.7	100	1494	361	
All	38.3	22.2	0.8	76.9	100	98.6	11.4	18.3	70.3	100	96.9	11.5	15.7	83	100	2203	585	
Estd. no.of hospitalisation for childbirth (00)	843	187	7	648	843	2171	247	398	1526	2171	2135	246	335	1771	2135	X	X	
Sample no. of hospitalisation for childbirth	239	59	3	177	239	579	81	123	375	579	567	77	106	444	567	X	X	

Table 19:Percentage of cases of hospitalisation for childbirth receiving specific types of medical services and their distribution by payment category for different types of medical institution in Kerala.

Urban																		
Type of medical institution	Percentage of cases receiving surgery	Medical services received as inpatient															Cases of hospitalisation for childbirth	
		Surgery				Percentage of cases receiving medicine	Medicine				Percentage of cases receiving X-ray/ ECG/ EEG/ Scan/ Other diagnostic tests	X-ray/ ECG/ EEG/ Scan/ Other						
		Service received			All		Service received			All		Service received			All			
		Free	Partly free	On payment			Free	Partly free	On payment			All	Free	Partly free		On payment	All	Estd. no. (00)
Govt./ Public hospital	38.7	81.5	14.3	4.3	100	94.3	37.6	53.3	9.2	100	93.8	49.7	43.3	27.9	100	634	175	
Charitable/ Trust/ NGO run hospital	59.1	0	0	100	100	100	0	0	100	100	100	0	0	100	100	42	6	
Private hospital	41.2	1.7	1.1	97.2	100	99.3	1.1	0.7	98.2	100	98.2	0.8	1	98.5	100	1107	322	
All	40.7	28.6	5.5	65.9	100	97.5	13.6	18.8	67.6	100	96.7	17.6	15.6	74.2	100	1783	503	
Estd. no.of hospitalisation for childbirth (00)	726	208	40	479	726	1739	237	327	1175	1739	1724	304	268	1279	1724	X	X	
Sample no. of hospitalisation for childbirth	212	60	6	146	212	494	68	97	329	494	486	82	76	371	486	X	X	

Table 19:Percentage of cases of hospitalisation for childbirth receiving specific types of medical services and their distribution by payment category for different types of medical institution in Kerala.

Rural + Urban																	
Type of medical institution	Percentage of cases receiving surgery	Medical services received as inpatient														Cases of hospitalisation for childbirth	
		Surgery				Percentage of cases receiving medicine	Medicine				Percentage of cases receiving X-ray/ ECG/ EEG/ Scan/ Other diagnostic tests	X-ray/ ECG/ EEG/ Scan/ Other					
		Service received			All		Service received			All		Service received			All		
		Free	Partly free	On payment			Free	Partly free	On payment			Free	Partly free	On payment		Estd. no. (00)	Sample
Govt./ Public hospital	33.3	85.5	9.6	5	100	95.7	34.5	56.2	9.3	100	94.5	41.8	46.9	38	100	1316	388
Charitable/ Trust/ NGO run hospital	55.6	8.1	0	91.9	100	95.5	2.3	1.1	96.6	100	100	4.5	0	95.5	100	68	17
Private hospital	42	1.5	0.5	98	100	99.4	1.8	0.6	97.6	100	97.9	1.1	0.8	98.6	100	2601	683
All	39.4	25.2	3	71.8	100	98.1	12.4	18.5	69.1	100	96.8	14.3	15.6	79	100	3985	1088
Estd. no.of hospitalisation for childbirth (00)	1569	395	47	1127	1569	3910	484	725	2701	3910	3859	550	604	3050	3859	X	X
Sample no. of hospitalisation for childbirth	451	119	9	323	451	1073	149	220	704	1073	1053	159	182	815	1053	X	X

Table 20 : Average total medical and non medical expenditure (₹) per hospitalised childbirth (excluding abortion cases) over last 365 days by place of delivery for different types of delivery in Kerala.

Rural														
State	Average medical expenditure (total) per childbirth hospitalisation case (₹)												No. of childbirth cases (excluding abortion)	
	Govt./ Public hospital				Private hospital				All hospitals					
	Type of delivery												Estd. (00)	Sample
	Normal	Caesarean	Others	All	Normal	Caesarean	Others	All	Normal	Caesarean	Others	All		
Kerala	4816	9793	0	6064	20115	40470	61500	28187	14659	33602	61500	21334	2203	585
Estd. no. (00) of childbirth cases (excluding abortion)	511	171	0	682	922	593	5	1520	1434	764	5	2203	XXX	xxx
Sample no.childbirth cases (excluding abortion)	159	54	0	213	204	167	1	372	363	221	1	585	XXX	xxx
Urban														
Kerala	4773	8258	2300	6046	23484	52111	34700	34882	16653	37174	22798	24627	1783	503
Estd. no. (00) of childbirth cases (excluding abortion)	395	235	4	634	687	454	7	1149	1082	689	12	1783	XXX	xxx
Sample no.childbirth cases (excluding abortion)	114	60	1	175	184	143	1	328	298	203	2	503	XXX	xxx
Rural+ Urban														
Kerala	4797	8905	2300	6056	21553	45520	45188	31069	15516	35296	33989	22807	3985	1088
Estd. no. (00) of childbirth cases (excluding abortion)	906	406	4	1316	1609	1048	12	2669	2515	1453	17	3985	XXX	xxx
Sample no.childbirth cases (excluding abortion)	273	114	1	388	388	310	2	700	661	424	3	1088	XXX	xxx

**including Charitable/NGO/Trust run hospital*

Table 21 : Average total medical expenditure (₹) per hospitalised during last 365 days by place of delivery for different types of delivery.

Rural														
State	Average medical expenditure (total) per childbirth hospitalisation case (₹)												No. of childbirth cases (excluding abortion)	
	Govt./public hospital				Private hospital*				All hospitals					
	Type of delivery												Estd. (00)	Sample
	Normal	Caesarean	Others	All	Normal	Caesarean	Others	All	Normal	Caesarean	Others	All		
Kerala	2311	5741	0	3171	17255	36575	54400	24910	11926	29673	54400	18176	2203	585
Estd. no. (00) of childbirth cases (excluding abortion)	511	171	0	682	922	593	5	1520	1434	764	5	2203	XXX	
Sample no. childbirth cases (excluding abortion)	159	54	0	213	204	167	1	372	363	221	1	585	XXX	
Urban														
Kerala	2099	4608	1700	3025	20780	48825	30000	31935	13960	33764	19605	21653	1783	503
Estd. no. (00) of childbirth cases (excluding abortion)	395	235	4	634	687	454	7	1149	1082	689	12	1783	XXX	
Sample no. childbirth cases (excluding abortion)	114	60	1	175	184	143	1	328	298	203	2	503	XXX	
Rural + Urban														
Kerala	2219	5086	1700	3101	18760	41890	39549	27934	12801	31613	29666	19732	3985	10.88
Estd. no. (00) of childbirth cases (excluding abortion)	906	406	4	1316	1609	1048	12	2669	2515	1453	17	3985	XXX	
Sample no. childbirth cases (excluding abortion)	273	114	1	388	388	310	2	700	661	424	3	1088	XXX	

*including Charitable/NGO/Trust run hospital

Table 22a : Average total medical and non medical expenditure (₹) per hospitalised child birth during last 365 days by place of delivery for each quintile class of UMPCE in Kerala.

Rural														
Quintile class of UMPCE	Average medical expenditure (total) per childbirth hospitalisation case (₹)												No. of childbirth cases (excluding abortion)	
	Govt./public hospital				Private hospital*				All hospitals					
	Type of delivery												Estd. (00)	Sample
	Normal	Caesarean	Others	All	Normal	Caesarean	Others	All	Normal	Caesarean	Others	All		
1st quintile	4023	5851	0	4317	15570	34444	0	19639	10696	24782	0	13421	392	106
2nd quintile	5185	15920	0	7906	19567	39594	0	26466	15037	34171	0	21127	533	132
3rd quintile	5527	4951	0	5399	20674	42989	0	31571	12709	33563	0	20543	496	128
4th quintile	3259	14741	0	7453	22660	37758	61500	28566	18526	32762	61500	24088	429	100
5th quintile	5701	6936	0	6181	22724	43022	0	33642	18531	37553	0	28201	353	119
All	4816	9793	0	6064	20115	40470	61500	28187	14659	33602	61500	21334	2203	585
Estd. no. (00) of childbirth cases (excluding abortion)	511	171	0	682	922	593	5	1520	1434	764	5	2203	XXX	
Sample no. childbirth cases (excluding abortion)	159	54	0	213	204	167	1	372	363	221	1	585	XXX	

Table 22b: Average total medical and non medical expenditure (₹) per hospitalised childbirth during last 365 days by place of delivery for each quintile class of UMPCE.

Urban														
Quintile class of UMPCE	Average medical expenditure (total) per childbirth hospitalisation case (₹)												No. of childbirth cases (excluding abortion)	
	Govt./public hospital				Private hospital*				All hospitals					
	Type of delivery												Estd. (00)	Sample
	Normal	Caesarean	Others	All	Normal	Caesarean	Others	All	Normal	Caesarean	Others	All		
1st quintile	5434	7367	0	6036	23276	41922	0	29683	14517	26209	0	18355	451	123
2nd quintile	5086	8759	0	6468	19914	49293	34700	30959	13242	30844	34700	20103	391	97
3rd quintile	3835	9153	2300	5824	21954	64600	0	40699	15671	47579	2300	28947	407	102
4th quintile	3174	6386	0	4623	22873	46574	0	32678	19183	38066	0	27135	348	108
5th quintile	4957	10316	0	7535	33282	55381	0	42525	27883	44889	0	35219	185	73
All	4773	8258	2300	6046	23484	52111	34700	34882	16653	37174	22798	24627	1783	503
Estd. no. (00) of childbirth cases (excluding abortion)	395	235	4	634	687	454	7	1149	1082	689	12	1783	XXX	
Sample no. childbirth cases (excluding abortion)	114	60	1	175	184	143	1	328	298	203	2	503	XXX	

*including Charitable/NGO/Trust run hospital

Table 23 : Average out-of-pocket medical expenditure (OOPME) for institutional childbirth cases during stay at hospital over last 365 days.

Rural						
Quintile class of UMPCE	Average OOPME for treatment (₹) per childbirth case in				Institutional childbirth cases	
	Public	Charitable	Private	All	Estd. (00)	Sample
Kerala	2995	24098	23431	17108	2203	585
Estd. hospitalisation cases (00)	682	26	1494	2203	XXX	XXX
Sample hospitalisation cases	213	11	361	585	XXX	XXX
Urban						
Kerala	2801	61434	29037	20468	1783	503
Estd. hospitalisation cases (00)	634	42	1107	1783	XXX	XXX
Sample hospitalisation cases	175	6	322	503	XXX	XXX
Rural + Urban						
Kerala	2902	46963	25817	18611	3985	1088
Estd. hospitalisation cases (00)	1316	68	2601	3985	XXX	XXX
Sample hospitalisation cases	388	17	683	1088	XXX	XXX

Table 24 : Percentage distribution of aged persons of each age-group by state of physical mobility in Kerala.

Age-group (in years)	Rural				Male		
	Physically mobile	Status of physical mobility			Total	No. of aged persons	
		Confined to bed	Confined to home	Able to move outside but only in a wheelchair		Estd. (00)	Sample
60-64	98.3	0.6	1.1	0	100	3890	285
65-69	96.7	0.8	1.3	0.5	100	4145	241
70-74	96	0.2	3.8	0	100	2485	139
75-79	88.5	0.5	11	0	100	1304	74
80 & above	62.3	17.8	17.4	2.6	100	1075	65
70 & above	86.6	4.2	8.7	0.6	100	4864	278
All	93.4	2	4	0.4	100	12900	804
Estd.no.of aged persons (00)	12045	258	522	50	12900	X	X
No.of sample aged persons	735	15	51	2	804	X	X
	Rural				Female		
60-64	96.5	1	2.5	0	100	4608	296
65-69	92.9	1	4.2	1.7	100	4184	227
70-74	95	1.5	3.2	0.3	100	2006	114
75-79	88	1.2	8.5	2.3	100	1201	76
80 & above	68.5	4.4	26.9	0.2	100	1402	106
70 & above	85.1	2.3	11.8	0.8	100	4610	296
All	91.4	1.5	6.2	0.8	100	13402	819
Estd.no.of aged persons (00)	12254	195	837	109	13402	X	X
No.of sample aged persons	704	23	83	7	819	X	X

Table 24 : Percentage distribution of aged persons of each age-group by state of physical mobility in Kerala.

Age-group (in years)	Rural				All		
	Physically mobile	Status of physical mobility			Total	No.of aged persons	
		Confined to bed	Confined to home	Able to move outside but only in a wheelchair		Estd. (00)	Sample
60-64	97.3	0.8	1.9	0	100	8498	581
65-69	94.8	0.9	2.8	1.1	100	8330	468
70-74	95.6	0.8	3.5	0.1	100	4491	253
75-79	88.3	0.9	9.8	1.1	100	2505	150
80 & above	65.8	10.2	22.8	1.2	100	2478	171
70 & above	85.9	3.3	10.2	0.7	100	9474	574
All	92.4	1.7	5.2	0.6	100	26301	1623
Estd.no.of aged persons (00)	24299	453	1359	159	26301	X	X
No.of sample aged persons	1439	38	134	9	1623	X	X
	Urban			Male			
60-64	97.2	0.4	1.2	0	100	2996	235
65-69	96.7	0.2	2.8	0	100	2349	162
70-74	93.9	3.1	2.6	0	100	1686	137
75-79	84.5	7.8	6.9	0.4	100	1089	75
80 & above	73.4	13.8	12.8	0	100	664	47
70 & above	87	6.6	5.9	0.1	100	3439	259
All	93	2.8	3.5	0.1	100	8783	656
Estd.no.of aged persons (00)	8172	245	307	5	8783	X	X
No.of sample aged persons	601	17	31	1	656	X	X

Table 24 : Percentage distribution of aged persons of each age-group by state of physical mobility in Kerala.

Age-group (in years)	Urban				Female		
	Status of physical mobility					No.of aged persons	
	Physically mobile	Immobile			Total	Estd. (00)	Sample
Confined to bed		Confined to home	Able to move outside but only in a wheelchair				
60-64	95.9	0.3	3.2	0	100	3722	242
65-69	94.4	0.4	4.1	0.7	100	3085	189
70-74	93.7	0.1	3.1	3	100	2461	109
75-79	91.6	1.5	6.9	0.1	100	1790	94
80 & above	65	5.7	27.8	0.7	100	1516	100
70 & above	85.5	2	10.8	1.5	100	5767	303
All	90.8	1.1	6.9	0.9	100	12575	734
Estd.no.of aged persons (00)	11416	139	866	107	12575	X	X
No.of sample aged persons	640	18	60	8	734	X	X
	Urban				All		
60-64	96.5	0.4	2.3	0	100	6718	477
65-69	95.4	0.3	3.5	0.4	100	5434	351
70-74	93.8	1.3	2.9	1.8	100	4147	246
75-79	88.9	3.9	6.9	0.2	100	2879	169
80 & above	67.6	8.2	23.2	0.5	100	2180	147
70 & above	86.1	3.7	9	1	100	9206	562
All	91.7	1.8	5.5	0.5	100	21358	1390
Estd.no.of aged persons (00)	19588	384	1174	112	21358	X	X
No.of sample aged persons	1241	35	91	9	1390	X	X

Table 24 : Percentage distribution of aged persons of each age-group by state of physical mobility in Kerala.

All		Male					
Age-group (in years)	Status of physical mobility					No. of aged persons	
	Physically mobile	Immobile			Total	Estd. (00)	Sample
		Confined to bed	Confined to home	Able to move outside but only in a wheelchair			
60-64	97.8	0.5	1.2	0	100	6886	520
65-69	96.7	0.6	1.9	0.3	100	6494	403
70-74	95.2	1.3	3.3	0	100	4171	276
75-79	86.7	3.8	9.1	0.2	100	2393	149
80 & above	66.5	16.3	15.6	1.6	100	1739	112
70 & above	86.7	5.2	7.6	0.4	100	8303	537
All	93.2	2.3	3.8	0.3	100	21683	1460
Estd.no. of aged persons (00)	20217	503	829	55	21683	X	X
No. of sample aged persons	1336	32	82	3	1460	X	X
All		Female					
60-64	96.2	0.7	2.8	0	100	8330	538
65-69	93.5	0.7	4.2	1.3	100	7270	416
70-74	94.3	0.8	3.2	1.8	100	4467	223
75-79	90.2	1.4	7.5	1	100	2991	170
80 & above	66.7	5	27.4	0.5	100	2918	206
70 & above	85.3	2.1	11.2	1.2	100	10377	599
All	91.1	1.3	6.6	0.8	100	25977	1553
Estd.no. of aged persons (00)	23670	334	1703	216	25977	X	X
No. of sample aged persons	1344	41	143	15	1553	X	X

Table 24 : Percentage distribution of aged persons of each age-group by state of physical mobility in Kerala.

All		All					
Age-group (in years)	Status of physical mobility					No.of aged persons	
	Physically mobile	Immobile			Total	Estd. (00)	Sample
		Confined to bed	Confined to home	Able to move outside but only in a wheelchair			
60-64	96.9	0.6	2.1	0	100	15216	1058
65-69	95	0.7	3.1	0.8	100	13764	819
70-74	94.7	1	3.2	0.9	100	8638	499
75-79	88.6	2.5	8.2	0.6	100	5385	319
80 & above	66.6	9.2	23	0.9	100	4658	318
70 & above	86	3.5	9.6	0.8	100	18680	1136
All	92.1	1.8	5.3	0.6	100	47660	3013
Estd.no.of aged persons (00)	43887	837	2533	271	47660	X	X
No.of sample aged persons	2680	73	225	18	3013	X	X

Table 25 : Percentage of children (0 – 5 years) receiving any type of immunisation and average expenditure incurred on immunisation during last 365 days for each quintile class of UMPCE in Kerala.

Rural												
Quintile class of UMPCE	Boys		Girls		Children		No. of children receiving any type of immunisation					
	Percentage of children receiving any type of immunisation	Average expenditure on immunisation in last 365 days (₹)	Percentage of children receiving any type of immunisation	Average expenditure on immunisation in last 365 days (₹)	Percentage of children receiving any type of immunisation	Average expenditure on immunisation in last 365 days (₹)	Estd. no.(00)			Sample		
							Boys	Girls	Children	Boys	Girls	Children
1st Quintile	100	53	100	160	100	112	1092	1339	2431	133	131	264
2nd Quintile	97	73	99	58	98	65	1334	1415	2749	156	150	306
3rd Quintile	98	37	100	69	99	52	1144	1022	2165	143	128	271
4th Quintile	95	47	92	24	0	35	1036	1106	2141	102	107	209
5th Quintile	91	76	100	235	95	141	874	597	1471	106	90	196
All	96	57	98	97	97	77	5479	5478	10957	640	606	1246
Estimated no. children (00)	5278	X	5371	X	10649	X	X	X	X	X	X	X
Sample no. children	624	X	598	X	1222	X	X	X	X	X	X	X
Urban												
1st Quintile	95	11	94	29	94	19	1332	1120	2452	158	151	309
2nd Quintile	100	39	98	25	99	31	1020	1334	2355	114	120	234
3rd Quintile	100	30	98	616	99	278	1043	768	1810	114	88	202
4th Quintile	100	241	100	73	100	171	1004	729	1734	102	92	194
5th Quintile	100	565	99	185	99	395	469	379	848	57	69	126
All	99	122	97	153	98	136	4868	4331	9199	545	520	1065
Estimated no. children (00)	4801	X	4214	X	9014	X	X	X	X	X	X	X
Sample no. children	541	X	513	X	1054	X	X	X	X	X	X	X

Table 26 : Status of various immunisation of children age 0-5 years and average no.of days visiting Anganwadi Centre (AWC) in Kerala.

Rural																
Age in monts	% of children ever received immunisation type												Average no.of days visiting AWC during last 30 days	No.of children		
	BCG	OPV/IPV					DPT/Pentavalent				Measles	Others		Estd.(00)	Sample	
		Birth dose	OPV-1	OPV-2	OPV-3	Booster dose	DPT-1	DPT-2	DPT-3	Booster dose						
0<=Age<6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6<=Age<=11	89	78.7	30.2	0	0	0	0.1	0.4	1.8	0	0.2	8.2	0	6027	425	
12<=Age<=23	69	82.7	33	0	0	0	0.1	1.1	4.1	0.1	0.2	2.4	0	4651	801	
24<=Age<=35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
36<=Age<=47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
48<=Age<=59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
60<=Age<=71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All(0-71 months)	80.3	80.4	31.4	0	0	0	0.1	0.7	2.8	0.1	0.2	5.7	0	10677	1226	
Estd. received immunisation (00)	8571	8590	3354	0	0	0	9	77	297	5	20	607	X	X	X	
Sample received immunisation	941	1007	298	0	0	0	2	22	35	1	5	25	X	X	X	
Urban																
0<=Age<6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6<=Age<=11	91.2	73.8	27.4	0	0	0	0	0.4	0.2	0	0	1.5	0.1	5136	388	
12<=Age<=23	67.3	74.9	35.5	0	0	0	0	1.2	0.7	0	0.8	0.3	0	3969	668	
24<=Age<=35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
36<=Age<=47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
48<=Age<=59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
60<=Age<=71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All (0-71 months)	80.8	74.3	30.9	0	0	0	0	0.7	0.4	0	0.4	1	0	9105	1056	
Estd. received immunisation (00)	7358	6762	2817	0	0	0	2	68	39	0	33	87	X	X	X	
Sample received immunisation	828	832	262	0	0	0	1	21	9	0	4	10	X	X	X	

Table 26 : Status of various immunisation of children age 0-5 years and average no.of days visiting Anganwadi Centre (AWC) in Kerala.

Sector : Rural+ Urban																
Age in monts	% of children ever received immunisation type												Average no.of days visiting AWC during last 30 days	No.of children		
	BCG	OPV/IPV					DPT/Pentavalent				Measles	Others		Estd.(00)	Sample	
		Birth dose	OPV-1	OPV-2	OPV-3	Booster dose	DPT-1	DPT-2	DPT-3	Booster dose						
0<=Age<6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6<=Age<=11	90	76.4	28.9	0	0	0	0	0.4	1	0	0.1	5.1	0	11163	813	
12<=Age<=23	68.2	79.1	34.2	0	0	0	0.1	1.2	2.6	0.1	0.5	1.4	0	8620	1469	
24<=Age<=35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
36<=Age<=47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
48<=Age<=59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
60<=Age<=71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All (0-71 months)	80.5	77.6	31.2	0	0	0	0.1	0.7	1.7	0	0.3	3.5	0	19783	2282	
Estd. received immunisation (00)	15929	15351	6171	0	0	0	11	145	336	5	53	694	X	X	X	
Sample received immunisation	1769	1839	560	0	0	0	3	43	44	1	9	35	X	X	X	

Table 27: Percentage of hospitalisation cases (excluding child birth) receiving treatment before hospitalisation and percentage distribution of such cases by source of treatment availed for each type of medical institution where admitted during last 365 days in Kerala.

Rural										
Type of medical institution	Percentage of hospitalisation cases that received treatment before hospitalisation	Average duration of treatment before hospitalisation (in 0.0 days)	Hospitalisation cases receiving treatment before hospitalisation from						Number of hospitalisation cases treated before hospitalisation	
			Govt./public hospital	Charitable/ Trust/ NGO run hospital	Private hospital	Private doctor/ clinic	Informal health care provider	All	Estd. (00)	Sample
Govt./ Public	39	385.3	85.6	0.3	7.1	7	0	100	3502	426
Charitable	1.7	2.9	31.7	25	26.1	17.2	0	100	148	16
Private	59.3	295.7	14.4	1	75.2	9.4	0	100	5323	649
All	100	683.9	42.4	1.1	47.8	8.6	0	100	8973	1091
Estd.hospitalisation cases (00)	8973	99999	3808	102	4292	770	0	8973	X	X
Sample hospitalisation cases	1091	99999	469	13	517	92	1091	1091	X	X

Table 27: Percentage of hospitalisation cases (excluding child birth) receiving treatment before hospitalisation and percentage distribution of such cases by source of treatment availed for each type of medical institution where admitted during last 365 days in Kerala.

Urban										
Type of medical institution	Percentage of hospitalisation cases that received treatment before hospitalisation	Average duration of treatment before hospitalisation (in 0.0 days)	Hospitalisation cases receiving treatment before hospitalisation from						Number of hospitalisation cases treated before hospitalisation	
			Govt./public hospital	Charitable/ Trust/ NGO run hospital	Private hospital	Private doctor/ clinic	Informal health care provider	All	Estd. (00)	Sample
Govt./ Public	32.5	216.2	79.8	0.3	12.3	7.7	0	100	2196	276
Charitable	3.5	29.8	17.1	64.6	13.9	4.4	0	100	235	22
Private	64.1	337	12.7	0.2	75.2	11.8	0.1	100	4331	615
All	100	582.9	34.6	2.5	52.6	10.2	0	100	6761	913
Estd.hospitalisation cases (00)	6761	99999	2342	167	3559	689	3	6761	X	X
Sample hospitalisation cases	913	99999	300	14	515	83	913	913	X	X

Table 27: Percentage of hospitalisation cases (excluding child birth) receiving treatment before hospitalisation and percentage distribution of such cases by source of treatment availed for each type of medical institution where admitted during last 365 days in Kerala.

All										
Type of medical institution	Percentage of hospitalisation cases that received treatment before hospitalisation	Average duration of treatment before hospitalisation (in 0.0 days)	Hospitalisation cases receiving treatment before hospitalisation from						Number of hospitalisation cases treated before hospitalisation	
			Govt./public hospital	Charitable/ Trust/ NGO run hospital	Private hospital	Private doctor/ clinic	Informal health care provider	All	Estd. (00)	Sample
Govt./ Public	36.2	312.6	83.4	0.3	9.1	7.2	0	100	5698	702
Charitable	2.4	14.5	22.8	49.3	18.6	9.4	0	100	383	38
Private	61.4	313.4	13.6	0.7	75.2	10.5	0	100	9654	1264
All	100	640.5	39.1	1.7	49.9	9.3	0	100	15734	2004
Estd.hospitalisation cases (00)	15734	99999	6151	270	7852	1459	3	15734	X	X
Sample hospitalisation cases	2004	99999	769	27	1032	175	2004	2004	X	X

Annexure - 2

Sample Design and Estimation Procedure

Sample Design and Estimation Procedure

1. Introduction

1.1 The National Sample Survey, set up by the Government of India in 1950 to collect socioeconomic data employing scientific sampling methods, conducted its 75th round during the period July 2017 - June 2018. Apart from “Household Social Consumption: Health”, two other subjects were covered: “Household Consumer Expenditure” and “Household Social Consumption: Education”.

2. Outline of Survey Programme

2.1 **Geographical coverage:** The survey covered the whole of the Indian Union, except for those villages in Andaman and Nicobar Islands which are difficult to access.

2.2 **Period of survey:** The survey period was of one year duration starting on 1st July 2017 and ending on 30th June 2018.

2.3 **Schedules of enquiry:** The following schedules of enquiry were canvassed:

Sch.0.0	List of households
Sch.1.0	Household consumer expenditure
Sch.25.0	Household social consumption: health
Sch.25.2	Household social consumption: education

2.4 **Participation of States:** In this round all the States and Union Territories except Andaman & Nicobar Islands, Chandigarh, Dadra & Nagar Haveli and Lakshadweep participated by surveying a matching “State sample” of the same size, or larger than the “Central sample” for their State/UT surveyed by the Central government officials. The sample sizes of the States/UTs relative to the Central sample (“extent of matching”) were as shown in the table below.

State/UT	Extent of matching
Nagaland (U)	triple
Andhra Pradesh, Manipur, Telangana, Chhattisgarh	double
Gujarat, Maharashtra (U)	one and a half
Remaining States/ UTs	equal

3. Sample Design

3.1 **Outline of sample design:** A stratified multi-stage design was adopted for the 75th round survey. The first stage units (FSU) were the Census villages (*panchayat* wards for Kerala) in the rural sector and Urban Frame Survey (UFS) blocks in the urban sector. (Henceforth the term “village” will refer to *panchayat* wards in case of Kerala.) The ultimate stage units in both sectors

were the households. In the case of large FSUs, the selection of two sub-FSUs (hamlet-groups in villages and sub-blocks in UFS blocks) was an intermediate stage of sampling.

3.2 Sampling Frame for First Stage Units: For the rural areas, the list of 2011 Census villages constituted the sampling frame. For the urban sector, the list of UFS blocks (UFS 2007-12) was the sampling frame.

3.3 Stratification

3.3.1 Within each district of a State/UT, two basic strata were formed: (i) a rural stratum comprising all rural areas of the district and (ii) an urban stratum comprising all urban areas of the district. If, however, within the urban areas of a district, there were million-plus cities (towns with population 10 lakhs or more as per Population Census 2011), each such city formed a separate basic urban stratum and the remaining urban area of the district, another basic urban stratum.

3.3.2 In the case of rural areas of Nagaland another special stratum was formed within the State consisting of all the villages which were difficult to access.

3.4 Sub-stratification

3.4.1 **Rural sector:** If r was the sample size allocated for a rural stratum, the number of sub-strata formed was $r/4$. The villages within a district as per frame were first arranged in ascending order of population. Then cut-off points were marked off in this list demarcating sub-strata 1 to $r/4$ in such a way that each sub-stratum comprised a group of villages of the arranged frame and had more or less the same population.

3.4.2 **Urban sector:** Each urban stratum was divided into two parts – an “affluent part” consisting of UFS blocks identified as “affluent area” and a “non-affluent part” consisting of the remaining UFS blocks within the stratum. Samples were allocated to affluent and non-affluent parts in proportion to the total number of households in the UFS block with double weightage to affluent part. If u was the sample size for an urban stratum, the number of sub-strata formed was $u/4$. Out of the $u/4$ sub-strata the stratum nos. “01” and “02” were allotted to the ‘affluent area’ and the remaining sub-stratum numbers viz., “03”, “04” ... were allotted to the non-affluent UFS block. If $u/4$ was more than 1, two or more sub-strata were formed. This was done by first arranging the towns in ascending order of number of households in the town as per the latest UFS phase. From this arranged frame of UFS blocks of all the towns/ million-plus cities of a stratum, $u/4$ sub-strata were formed in such a way that each sub-stratum had more or less the same number of households. This procedure was followed separately for affluent and non-affluent parts of the town for allocation of samples.

3.5 Total sample size (FSUs): 14300 FSUs were allotted for the central sample at all-India level.

3.6 Allocation of total sample to States and UTs: The total number of sample FSUs were allocated to the States and UTs in proportion to population as per Census 2011 subject to a minimum sample allocation to each State/UT.

3.7 Allocation of State/ UT level sample to rural and urban sectors: State/ UT level sample size was allocated between two sectors in proportion to population as per Census 2011 with 1.5 weightage to urban sector depending on population share. A minimum of 16 FSUs (minimum 8 each for rural and urban sector separately) was allocated to each State/ UT.

3.8 Allocation to strata and sub-strata: Within each sector of a State/UT, the sample size was allocated to the different strata/sub-strata in proportion to the population as per Census 2011. Allocations at stratum level were adjusted to multiples of 4 with a minimum sample size of 4. Allocation for each sub-stratum was 4.

3.9 Sub-rounds: The survey period of the round was divided into four sub-rounds of three months' duration each as follows:

sub-round 1:	July - September 2017
sub-round 2:	October - December 2017
sub-round 3:	January - March 2018
sub-round 4:	April - June 2018

3.9.1 To ensure uniform spread of sample villages FSUs over the entire period of survey, equal numbers of sample villages/blocks (FSUs) were allotted to each of these four sub-rounds, and attempts were made to survey each of the FSUs during the sub-round to which it was allotted. However, because of the arduous field conditions, this restriction was not strictly enforced in Andaman and Nicobar Islands, Lakshadweep, Ladakh region (Leh and Kargil districts) of Jammu & Kashmir and rural areas of Arunachal Pradesh and Nagaland.

3.10 Selection of FSUs

3.10.1 For the rural sector, from each sub-stratum, sample villages were selected with Probability Proportional to Size With Replacement (PPSWR), size being the population of the village as per Census 2011.

3.10.2 For the urban sector, from each stratum/sub-stratum, FSUs were selected by Probability Proportional to Size With Replacement (PPSWR), size being the number of households of the UFS block.

3.10.3 Both rural and urban samples were drawn in the form of two independent sub-samples.

3.11 Hamlet-group/ sub-block formation and selection

3.11.1 **Criterion for hamlet-group/sub-block formation:** After identification of the boundaries of the FSU, it was first determined whether listing was to be done in the whole sample FSU or not. In case the population of the selected FSU was found to be 1200 or more, it was divided into a suitable number (say, D) of parts or sub-FSUs of more or less equal population – the parts being called “hamlet-groups” in case of villages and “sub-blocks” in case of urban blocks. D was determined as shown in the table.

approx. present popn. of sample FSU	no. of sub- FSUs formed
less than 1200	1*
1200 to 1799	3
1800 to 2399	4
2400 to 2999	5
3000 to 3599	6
...and so on	
*no sub-FSUs formed	

3.11.2 For rural areas of Himachal Pradesh, Sikkim, Andaman & Nicobar Islands, Uttarakhand (except the four districts Dehradun, Nainital, Hardwar and Udham Singh Nagar), Punch, Rajouri, Udhampur, Reasi, Doda, Kishtwar, Ramban, Ladakh region (Leh and Kargil districts) of Jammu and Kashmir and Idukki district of Kerala, the number of hamlet-groups formed was as follows:

approx. present popn. of sample village	no. of hamlet- groups formed
less than 600	1*
600 to 899	3
900 to 1199	4
1200 to 1499	5
1500 to 1799	6
.....and so on	
*no hamlet-groups formed	

3.11.3 **Selection of hamlet-groups/ sub-blocks to form the frame for sampling of households:** Once a large FSU had been divided into the required number of sub-FSUs (hamlet-groups or sub-blocks), two of these sub-FSUs were selected in the following manner – the one with the largest population was purposively selected, and another was randomly selected from the remaining sub-FSUs by Simple Random Sampling (SRS). Listing and selection of the households was done independently in the two selected sub-FSUs.

3.12 Formation of second-stage strata (SSS) and allocation of households for Sch.25.0

3.12.1 Households listed in the selected FSU/sub-FSU were stratified into three second-stage strata (SSS). The composition of the second-stage strata and the numbers of households planned to be surveyed from different SSS were as follows:

SSS	composition of SSS	number of households surveyed	
		in an FSU without hg/sb formation	in each sub-FSU where sub-FSUs were formed
SSS 1	households having at least one child of age less than 1 year	2	1
SSS 2	from the remaining, households with at least one member (including deceased former member) hospitalised during last 365 days	4	2
SSS 3	other households	2	1

3.13 **Selection of households:** From each SSS, the sample households were selected by SRSWOR.

4. Estimation Procedure

4.1 Notations

s = subscript for s^{th} stratum

t = subscript for t^{th} sub-stratum

m = subscript for sub-sample ($m = 1, 2$)

i = subscript for i^{th} FSU [village (*panchayat* ward)/ block]

d = subscript for a hamlet-group/ sub-block ($d = 1, 2$)

j = subscript for j^{th} second stage stratum in an FSU/hg/sb

k = subscript for k^{th} sample household within an FSU/ hg/sb

D = total number of hg's/ sb's formed in the sample FSU

$D^* = 0$ if $D = 1$

= $(D - 1)$ for FSUs with $D > 1$

Z = total size of a sub-stratum (sum of sizes for all the FSUs of a sub-stratum)

z = size of sample FSU used for selection.

n = number of sample FSUs surveyed including 'uninhabited' and 'zero cases' but excluding casualty for a particular sub-sample and sub-stratum.

H = total number of households listed in a second-stage stratum of an FSU / hamlet-group or sub-block of sample FSU

h = number of households surveyed in a second-stage stratum of an FSU / hamlet-group or sub-block of sample FSU

x, y = observed value of characteristics x, y under estimation

\hat{X}, \hat{Y} = estimate of population total X, Y for the characteristics x, y

In terms of the above symbols,

$y_{stmidjk}$ = observed value of the characteristic y for the k^{th} household of the j^{th} second stage stratum of the d^{th} sub-FSU of the i^{th} FSU belonging to the m^{th} sub-sample for the t^{th} sub-stratum of the s^{th} stratum.

However, for ease of understanding, a few symbols have been suppressed in following paragraphs where they are obvious.

4.2 Estimation (for Sch. 25.0) of aggregates for a specific sub-sample and sub-stratum

4.2.1 Rural/ Urban

(i) For j -th second-stage stratum of a sub-stratum:

$$\hat{Y}_j = \frac{Z}{n_j} \sum_{i=1}^{n_j} \frac{1}{z_i} \left[\frac{H_{i1j}}{h_{i1j}} \sum_{k=1}^{h_{i1j}} y_{i1jk} + D_i^* \times \frac{H_{i2j}}{h_{i2j}} \sum_{k=1}^{h_{i2j}} y_{i2jk} \right]$$

(ii) For all second-stage strata combined:

$$\hat{Y} = \sum_j \hat{Y}_j$$

4.3 Overall estimate of an aggregate for a sub-stratum

Overall estimate for aggregates for a sub-stratum (\hat{Y}_{st}) based on two sub-samples in a sub-stratum is obtained as:

$$\hat{Y}_{st} = \frac{1}{2} \sum_{m=1}^2 \hat{Y}_{stm}$$

4.4 Overall estimate of an aggregate for a stratum

Overall estimate for a stratum (\hat{Y}_s) is obtained as

$$\hat{Y}_s = \sum_t \hat{Y}_{st}$$

4.5 Overall Estimate of Aggregates at State/UT/all-India level

The overall estimate \hat{Y} at the State/ UT/ all-India level is obtained by summing the stratum estimates \hat{Y}_s over all strata belonging to the State/ UT/ all-India.

4.6 Estimates of Ratios

Let \hat{Y} and \hat{X} be the overall estimates of the aggregates Y and X for two characteristics y and x respectively at the State/ UT/ all-India level.

Then the combined ratio estimate (\hat{R}) of the ratio ($R = \frac{Y}{X}$) will be obtained as

$$\hat{R} = \frac{\hat{Y}}{\hat{X}}$$

4.7 **Estimates of Error:** The estimated variances of the above estimates will be:

4.7.1 **For aggregate \hat{Y} :**

$$V\hat{a}r(\hat{Y}) = \sum_s V\hat{a}r(\hat{Y}_s) = \sum_s \sum_t V\hat{a}r(\hat{Y}_{st})$$

where $V\hat{a}r(\hat{Y}_{st})$ is given by

$$V\hat{a}r(\hat{Y}_{st}) = \frac{1}{4} (\hat{Y}_{st1} - \hat{Y}_{st2})^2$$

where \hat{Y}_{st1} and \hat{Y}_{st2} are the estimates for sub-sample 1 and sub-sample 2 respectively for stratum s and sub-stratum t.

4.7.2 **For ratio \hat{R} :**

$$M\hat{S}E(\hat{R}) = \frac{1}{4\hat{X}^2} \sum_s \sum_t \left[(\hat{Y}_{st1} - \hat{Y}_{st2})^2 + \hat{R}^2 (\hat{X}_{st1} - \hat{X}_{st2})^2 - 2\hat{R} (\hat{Y}_{st1} - \hat{Y}_{st2}) (\hat{X}_{st1} - \hat{X}_{st2}) \right]$$

4.7.3 **Estimates of Relative Standard Error (RSE):**

$$R\hat{S}E(\hat{Y}) = \frac{\sqrt{V\hat{a}r(\hat{Y})}}{\hat{Y}} \times 100$$

$$R\hat{S}E(\hat{R}) = \frac{\sqrt{M\hat{S}E(\hat{R})}}{\hat{R}} \times 100$$

5. Multipliers

The formulae for multipliers (of sample households for Sch. 25.0) at stratum/sub-stratum/second-stage stratum level for a sub-sample are given below:

formula for multipliers	
hg / sb 1	hg / sb 2
$\frac{Z_{st}}{n_{stmj}} \times \frac{1}{z_{stmi}} \times \frac{H_{stmi1j}}{h_{stmi1j}}$	$\frac{Z_{st}}{n_{stmj}} \times \frac{1}{z_{stmi}} \times D_{stmi}^* \times \frac{H_{stmi2j}}{h_{stmi2j}}$
j = 1, 2, 3	

Note:

- (i) For estimating any characteristic for any domain not specifically considered in sample design, indicator variable may be used.
- (ii) Multipliers have to be computed on the basis of information available in the listing schedule irrespective of any misclassification observed between the listing schedule and detailed enquiry schedule.

Annexure - 3

Schedule 25.0

RURAL		*
URBAN		

**GOVERNMENT OF INDIA
NATIONAL SAMPLE SURVEY OFFICE
SOCIO-ECONOMIC SURVEY**

CENTRAL		*
STATE		

**SEVENTY FIFTH ROUND: JULY 2017 - JUNE 2018
SCHEDULE 25.0: HOUSEHOLD SOCIAL CONSUMPTION: HEALTH**

[0] descriptive identification of sample household			
1. state/UT.:		5. hamlet name:	
2. district:		6. investigator unit no. /block no. :	
3. sub-district/tehsil/town:*		7. name of head of household:	
4. village name:		8. name of informant:	

[1] identification of sample household							
item no.	item	code			item no.	item	code
1.	srl. no. of sample FSU				6.	sample household number	
2.	round number	7		5	7.	serial number of informant (as in column 1 of block 4)	
3.	schedule number	2	5	0	8.	response code	
4.	sample hg/sb number				9.	survey code	
5.	second-stage stratum number				10.	reason for substitution of original household (code)	

CODES FOR BLOCK 1

item 8: response code: informant: *co-operative and capable -1, co-operative but not capable -2, busy -3, reluctant -4, others -9.*

item 9: survey code: *original -1, substitute -2, casualty -3.*

item 10: reason for substitution of original household: *informant busy -1, members away from home -2, informant non-cooperative -3, others -9.*

* tick mark (√) may be put in the appropriate place

[2] particulars of field operations									
sl. no.	item	Field Investigator (FI) / Junior Statistical Officer (JSO)				Field Officer (FO)/ Senior Statistical Officer (SSO)			
(1)	(2)	(3)				(4)			
1.(a)	(i) name (block letters)								
	(ii) code								
	(iii) signature								
1.(b)	(i) name (block letters)								
	(ii) code								
	(iii) signature								
2.	date(s) of:	DD	MM	YY	DD	MM	YY		
	(i) survey/ inspection								
	(ii) receipt								
	(iii) scrutiny								
	(iv) despatch								
3.	number of additional sheet(s) attached								
4.	total time taken to canvass the schedule by the team of investigators (FI/JSO) (in minutes) [no decimal point]								
5.	number of investigators (FI/JSO) in the team who canvassed the schedule								
6.	whether any remark has been entered by FI/JSO/supervisory officer (yes-1, no-2)	(i) in block 12/13							
		(ii) elsewhere in the schedule							

[12] remarks by investigator (FI/JSO)

[13] comments by supervisory officer(s)

[3] household characteristics										
1. household size						8. type of latrine usually used (code)				
2. whether the household paid major share for childbirth expenses for any non-household female member(s) during last 365 days? (yes-1, no-2)						if code in item 8 is 01-09	9. access to latrine: <i>exclusive use-1, common use of households in the building-2, public/community latrine-3, others-9</i>			
3. principal industry (NIC-2008)	description:						10. how many members use the latrine?			
	code (5-digit)						11. major source of drinking water (code)			
4. principal occupation (NCO-2004)	description:						12. arrangement of garbage disposal (code)			
	code (3-digit)						13. primary source of energy for cooking during the last 30 days (code)			
5. household type (code)							14. was there a sudden outbreak of communicable disease (see list* below) in the community afflicting at least one household member during last 365 days? (yes-1, no-2)			
							15. amount of medical insurance premium paid for household members during last 365 days (Rs.)			
6. religion (code)						16. household's usual monthly consumer expenditure (Rs.)				
7. social group (code)										

CODES FOR BLOCK 3

item 5: household type: for rural areas: self-employed in agriculture -1, self-employed in non-agriculture - 2; regular wage/salary earning in agriculture- 3, regular wage/salary earning in non-agriculture- 4, casual labour in agriculture - 5, casual labour in non-agriculture -6; others-9.

for urban areas: self-employed -1, regular wage/salary earning - 2, casual labour -3, others -9

item 6: religion: Hinduism -1, Islam -2, Christianity -3, Sikhism-4, Jainism -5, Buddhism -6, Zoroastrianism -7, others -9

item 7: social group: Scheduled Tribes (ST)-1, Scheduled Castes (SC) -2, Other Backward Classes (OBC) -3, Others- 9

item 8: type of latrine usually used: flush/ pour flush latrine to: piped sewer system-01, septic tank-02, pit latrine -03, elsewhere (open area /street/yard/plot/drainage ditch, not known etc.)-04;

Pit latrine: ventilated improved pit/ biogas latrine -05, pit latrine with slab-06, pit latrine without slab/open pit-07, twin pit /composting latrine-08, others-09, no latrine facility / use open space or field-10

item 11: major source of drinking water: bottled water – 01, piped water in dwelling/premises/yard – 02, piped water outside -03, tube-well/borewell (inside or outside premises)-04, protected well (inside or outside premises)-05, tanker/truck/drum(supplied through container)-06, protected spring/pond etc.for drinking purpose -07, Community RO Plant-08, others – 09, all unprotected source (river/canal, spring, pond, well etc.) - 10

item 12: arrangement of garbage disposal: by Panchayet/Municipality/Corporation-1, by resident/group of residents-2, others-9, no arrangement-3

item 13: primary source of energy for cooking: firewood and chips-01, LPG-02, other natural gas -03, dung cake-04, kerosene-05, coke/coal-06, gobar gas-07, other biogas -08, charcoal-10, electricity(incl. generated by solar or wind power generators) -11, others-19, no cooking arrangement-12

***list of diseases (for item 14):** Malaria; Viral Hepatitis/Jaundice; Acute Diarrhoeal Diseases/Dysentery; Dengue fever; Chikungunya; Measles; Acute Encephalitis Syndrome; and others (Typhoid, Hookworm Infection, Filariasis, Tuberculosis, etc.)

CODES FOR BLOCK 4

col. 3: relation to head: self - 1, spouse of head - 2, married child - 3, spouse of married child - 4, unmarried child - 5, grandchild - 6, father/mother/father-in-law/mother-in-law - 7, brother/sister/brother-in-law/sister-in-law/other relatives - 8, servant/employees/other non-relatives - 9

col 4 gender: male-1, female-2, transgender-3

col. 6: marital status: never married - 1, currently married - 2, widowed - 3, divorced/separated- 4

col. 7: general education: not literate -01,
 literate without any schooling -02,
 literate without formal schooling: through NFEC -03, literate through TLC/AEC -04, others -05;
 literate with formal schooling: below primary -06, primary -07, upper primary/middle -08, secondary -10, higher secondary -11,
 diploma /certificate course (upto secondary)-12, diploma/certificate course(higher secondary)-13,
 diploma/certificate course(graduation & above) -14, graduate -15, post graduate and above -16

col. 8: usual principal activity status:

worked in h.h. enterprise (self-employed): own account worker	-11	worked as casual wage labour: in public works	-41	attended domestic duties and was also engaged in free collection of goods (vegetables, roots, firewood, cattle feed, etc.), sewing, tailoring, weaving, etc. for household use	-93
worked in h.h. enterprise (self-employed): employer	-12	worked as casual wage labour: in other types of work	-51		
worked as helper in h.h. enterprise (unpaid family worker)	-21	did not work but was seeking and/or available for work	-81	rentiers, pensioners , remittance recipients, etc.	-94
worked as regular salaried/ wage employee	-31	attended educational institution	-91	not able to work due to disability	-95
		attended domestic duties only	-92	others (including begging, prostitution, etc.)	-97

col 12: whether household paid major share for childbirth expenses: yes-1, no-2, pregnancy continuing-3

col. 13: whether suffered from any communicable disease :

suffered from: Malaria-1, Viral Hepatitis/Jaundice-2, Acute Diarrhoeal Diseases/Dysentery-3, Dengue fever – 4 Chikungunya-5, Measles-6, Acute Encephalitis
 syndrome-7, others -9 (Typhoid, Hookworm Infection, Filariasis, Tuberculosis etc.)
 not suffered -8

col. 17: whether covered by any scheme for health expenditure support: government sponsored (e.g. RSBY, Arogyasri, etc.)-1, government/PSU as an employer (e.g. CGHS, reimbursement from govt. etc.)-2, employer supported (other than govt./PSU) health protection (e.g. ESIS) -3, arranged by household with insurance companies-4, others-9, not covered-5

[5] particulars of former household members who died during the last 365 days									
srl. no.	name of deceased member	gender (code)	age at death (years)	whether medical attention received before death (yes-1, no-2)	whether hospitalised at least once during last 365 days (yes-1, no-2)	if 1 in col. 6, no. of times hospitalised	reason for non-hospitalisation just before death (code)	if 2 in col. 3 and age 15-49 years in col.4	
								whether pregnant any time during last 365 days (yes-1, no-2)	if 1 in col. 9, time of death (code)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
91									
92									
93									
94									
95									

**for female members of 4B this block should not be filled in*

CODES FOR BLOCK 5:

col. 3: gender: male -1, female-2, transgender-3

col. 8: reason for non-hospitalisation: hospital care was not considered satisfactory-1, admission to hospital was not done as doctor/medical attendant was not available-2, ailment was not considered serious enough-3, financial constraints-4, due to transportation problem-5, patient did not want to be hospitalised-6, patient died before taking to hospital-7, others-9

col.10: time of death: deaths related to pregnancy: during pregnancy -1, during delivery -2, during abortion -3, within 6 weeks of delivery/ abortion -4, deaths due to other causes -9

[6] particulars of medical treatment received as in-patient of a medical institution during the last 365 days						
1.	sr1. no. of the hospitalisation case	1	2	3	4	5
2.	srl. no. of member (as in col. 1, block 4A/5 & 4B) hospitalised					
3.	age (years) (as in col.5, block 4A & 4B/ col.4, block 5)					
4.	nature of ailment (code list on pages 14-15)*					
5.	nature of treatment (code)					
6.	type of medical institution (code)					
7.	if code is 2 or 3 in item 6 , reason for not availing govt./public hospital					
8.	type of ward (free -1, paying general -2, paying special -3)					
9.	when admitted (code)					
10.	when discharged (code)					
11.	duration of stay in hospital (days)					
details of medical services received (not received -1; received: free -2, partly free -3, on payment -4)						
12.	surgery					
13.	medicine					
14.	X-ray/ECG/EEG/Scan					
15.	other diagnostic tests					
16.	whether treated on medical advice before hospitalisation (yes -1, no-2)					
if 1 in item 16	17.	nature of treatment (code)				
	18.	level of care (code)				
	19.	duration of treatment (days)				
20.	whether treatment on medical advice continued after discharge from hospital (yes -1, no-2)					
if 1 in item 20	21.	nature of treatment (code)				
	22.	level of care (code)				
	23.	duration of treatment (days)				

*for female members of 4B ailment codes 87, 88 or 89 are only applicable

CODES FOR BLOCK 6

items 5, 17, 21: nature of treatment:

Allopathy	-1	Homoeopathy	-3
Indian system of medicine		Yoga & Naturopathy	-4
(desi dawai: ayurveda, unani or siddha)	-2	other	-9

item 6: type of medical institution:

Govt./public hospital	-1	Charitable/Trust/NGO run hospital	-2
(incl. HSC/PHC/CHC etc.)		private hospital	-3

item 7: reason for not availing govt./public hospital:

required specific services not available	-1	quality satisfactory but involves long waiting	-4
available but quality not satisfactory/doctor not available	-2	financial constraint	-5
quality satisfactory but facility too far	-3	preference for a trusted doctor/hospital	-6
		others	-9

item 9: when admitted: during last 15 days - 1, 16 days to 365 days ago - 2, more than 365 days ago - 3

item 10: when discharged: not yet -1, during last 15 days -2, 16 days to 365 days ago -3

items 18 & 22: level of care:

Govt./public hospital	-1	private hospital	-3
(incl. HSC/PHC/CHC etc.)		private doctor/clinic	-4
Charitable/Trust/NGO run hospital	-2	informal health care provider	-5

[7] expenses incurred during the last 365 days for treatment of members as in-patient of medical institution						
1.	srl. no. of the hospitalisation case (as in item 1, block 6)	1	2	3	4	5
2.	srl. no. of member hospitalised (as in item 2, block 6)					
3.	age (years) (as in item 3, block 6)					
4.	whether any medical service provided free (fully/partly) (yes: govt./public -1, pvt.(incl. Charitable/NGO/Trust run hospital) - 2, both-3; no - 4)					
expenditure for treatment during stay at hospital (in whole number of Rs.)						
5.	package component (Rs.)					
non-package component (Rs.)		#####				
6.	doctor's/ surgeon's fee (hospital staff/ other specialists)					
7.	medicines					
8.	diagnostic tests					
9.	bed charges					
10.	other medical expenses (attendant charges, physio-therapy, personal medical appliances, blood, oxygen, etc.)					
11.	medical expenditure (Rs.): total (items 5-10)					
transport for patient (Rs.)						
12.	transport for patient (Rs.)					
13.	other non-medical expenses incurred by the household (registration fee, food, transport for others, expenditure on escort, lodging charges if any, etc.) (Rs.)					
14.	expenditure (Rs.): total (items 11-13)					
15.	total amount reimbursed by medical insurance company or employer (Rs.)					
16.	major source of finance for expenses (code)					
17.	2 nd most important source of finance for expenses (code)					
18.	place of hospitalisation (code)					
19.	if code is 5 in item 18, then state code (page 15)					
20.	loss of household income, if any, due to hospitalisation (Rs.)					

CODES FOR BLOCK 7

item 16 & 17 : source of finance for expenses:

household income/ savings	-1	sale of physical assets	-3
borrowings	-2	contributions from friends and relatives	-4
		other sources	-9

item 18:

place of hospitalisation:			
same district (rural area)	-1	within state different district (rural area)	-3
same district (urban area)	-2	within state different district (urban area)	-4
		other state	-5

[8] particulars of spells of ailment of household members during the last 15 days (hospitalisation and non-hospitalisation cases)							
1.	srl. no. of spell of ailment		1	2	3	4	5
2.	srl. no. of member reporting ailment (as in col.1 of block 4A/5)						
3.	age (years) (as in col.5, block 4A/ col.4, block 5)						
no. of days within the ref. period	4.	ill					
	5.	on restricted activity					
	6.	confined to bed					
7.	nature of ailment (code list on pages 14-15)						
8.	whether chronic (yes-1, no-2)						
9.	status of ailment (code)						
10.	total duration of ailment (days)						
11.	nature of treatment (code)						
12.	whether hospitalised (yes-1, no-2)						
13.	if 1-4 or 9 in item 11, whether treatment taken on medical advice (yes -1, no -2)						
if 1 in item 13	14.	level of care (code)					
	15.	if 2-5 in item 14, reason for not availing govt. sources (code)					
if 2 in item 13	16.	reason for not seeking medical advice (code)					
	17.	whom consulted (code)					

**for female members of 4B this block should not be filled in*

CODES FOR BLOCK 8

item 9: status of ailment:

started more than 15 days ago and is continuing -1 started within 15 days and is continuing -3
 started more than 15 days ago and has ended -2 started within 15 days and has ended -4

item 11: nature of treatment:

Allopathy -1 Homoeopathy -3 no treatment -5
 Indian system of medicine
 (desi dawai: ayurveda, unani or siddha) -2 Yoga &
 Naturopathy -4
 Other -9

item 14: level of care:

Govt./public hospital -1 private hospital -3
 (incl. HSC/PHC/CHC etc.) private doctor/clinic -4
 Charitable/Trust/NGO run hospital -2 informal health care provider -5

item 15: reason for not availing govt. sources:

required specific services not available -1 quality satisfactory but involves long waiting -4
 available but quality not satisfactory -2 financial constraint -5
 quality satisfactory but facility too far -3 preference for a trusted doctor/hospital -6
 others -9

item 16: reason for not seeking medical advice:

no medical facility available in the neighbourhood -1 ailment not considered serious enough -4
 facility too expensive -2 familial/religious belief -5
 cannot afford to wait long due to others -9
 domestic/economic engagement -3

item 17: whom consulted: self/ other household member/ friend¹ medicine shop - 2, others - 9

[9] expenses incurred during the last 15 days for treatment of members (not as in-patient of medical institution)						
1.	srl. no. of spell of ailment (as in item 1, block 8)	1	2	3	4	5
2.	srl. no. of member reporting ailment (as in col.2 of block 8)					
3.	age (years) (as in item 3, block 8)					
4.	whether any medical service provided free (fully/partly) (yes: govt./public -1, pvt.(incl. Charitable/NGO/Trust run hospital) - 2, both-3; no - 4)					
details of medical services received (not received - 1; received: free - 2, partly free - 3, on payment - 4)						
5.	surgery					
6.	medicine received (AYUSH)					
7.	medicine received (other than AYUSH)					
8.	X-ray/ECG/EEG/Scan					
9.	other diagnostic tests					
medical expenditure for treatment (in whole number of Rs.)						
10.	doctor's/ surgeon's fee (hospital staff/ other specialists)					
11.	medicines: AYUSH					
12.	medicines: other than AYUSH					
13.	diagnostic tests					
14.	other medical expenses (attendant charges, physiotherapy, personal medical appliances, blood, oxygen, etc.)					
15.	medical expenditure (Rs.): total (items 10-14)					
16.	transport for patient (Rs.)					
17.	other expenses incurred by the household (registration fee, food, transport for others, expenditure on escort, etc.) (Rs.)					
18.	expenditure (Rs.): total (items 15-17)					
19.	total amount reimbursed by medical insurance company or employer (Rs.)					
20.	major source of finance for expenses (code)					
21.	place of treatment (code)					
22.	if code is 5 in item 21, then state code (page 15)					
23.	loss of household income, if any, due to treatment (Rs.)					

**for female members of 4B this block should not be filled in*

CODES FOR BLOCK 9

item 20: major source of finance for expenses:

household income/ savings	-1	sale of physical assets	-3
borrowings	-2	contributions from friends and relatives	-4
		other sources	-9

item 21: place of treatment:

same district (rural area)	-1	within state different district (rural area)	-3
same district (urban area)	-2	within state different district (urban area)	-4
		other state	-5

[10a] particulars of economic independence and state of health of persons aged 60 years and above						
1.	srl. no. of member (as in col. 1, block 4A)					
2.	age (years) (as in col. 5, block 4A)					
3.	number of sons living					
4.	number of daughters living					
5.	state of economic independence (code)					
6.	if 1 in item 5 , no. of dependents					
7.	if 2 or 3 in item 5 , person financially supporting aged person (code)					
8.	place of stay (owned house (self/spouse)-1, other's house-2)					
9.	living arrangement (code)					
10.	physical mobility (code)					
11.	if 1 or 2 in item 10 , person helping (<i>household member -1, other than household member -2, none -3</i>)					
12.	own perception about current state of health (code)					
13.	own perception about change in state of health (code)					

CODES FOR BLOCK 10a

item 5: *state of economic independence: not dependent on others - 1, partially dependent on others - 2, fully dependent on others - 3*

item 7: *person financially supporting aged person: spouse -1, own children -2, grandchildren -3, others -9*

Item 9: *living arrangement:*

living with spouse and other members - 1

living with spouse only - 2

living without spouse but with: children -3

other relations - 4

non-relations – 5

living alone: not as an inmate of old age home -6

living alone: as an inmate of old age home -7

item 10: *physical mobility: physically immobile: confined to bed - 1, confined to home - 2, able to move outside but only in a wheelchair - 3; physically mobile - 4*

item 12: *own perception about current state of health: excellent/very good - 1, good/fair - 2, poor - 3*

item 13: *own perception about change in state of health: compared to previous year: much better - 1, somewhat better - 2, nearly the same - 3, somewhat worse - 4, worse - 5*

[10b] expenditure on immunisation, if any, during the last 365 days and status of immunisation of children as on date of survey (age 0-5 years)

1.	srl. no. as in block 4						
2.	age in months						
for item 3 to 14 ever received immunisation (yes-1, no-2)							
3.	BCG						
4.	Oral Polio Vaccine (OPV) doses	birth dose					
5.		OPV1					
6.		OPV 2					
7.		OPV 3					
8.		booster dose					
9.	DPT /Penta-valent doses	DPT-1/ Pentavalent-1					
10.		DPT-2/ Pentavalent -2					
11.		DPT-3/ Pentavalent -3					
12.		booster dose					
13.	measles						
14.	other immunisation*						
15.	information source of immunisation (code)						
16.	source of most immunisation (code)						
17.	expenditure on immunisation, if any, during last 365 days						
18.	visit to anganwari center during last 30 days (in days)						

*Hepatitis, Japanese Encephalitis(JE), Inactivated Polio Vaccine (IPV), Vitamin.-A etc.

CODES FOR BLOCK 10b

item 15: information source of immunisation: Mother and Child Protection Card (MCPC)/ Immunisation card-1, others-2

item 16: source of most immunisation :

<i>from HSC/Anganwari centre</i>	-1	<i>from private hospital</i>	-5
<i>from PHC/dispensary/CHC/mobile medical unit</i>	-2	<i>from private doctor/clinic</i>	-6
<i>from govt./ public hospital</i>	-3	<i>no vaccination was received</i>	-7
<i>from charitable/trust/NGO run hospital</i>	-4		

[11] particulars of pre-natal and post-natal care for women of age 15-49 years who were pregnant during the last 365 days

sl. no. (as in block 4/5)	age (years) (as in block 4/5)	serial no. of pregnancy (1/2)	pre-natal care							delivery				post-natal (42 days after delivery) care (if 2-4 in col. 11)			visit to anganwari centre (AWC) during last 30 days (in days)
			whether received tetanus toxoid vaccine during pregnancy (yes-1, no-2)	whether consumed Iron and Folic Acid (IFA) during pregnancy (yes-1, no-2)	if 1 in col. 5, for how many days IFA were consumed?	major source of receiving pre-natal care (code)	if 1-7 in col. 7			outcome of pregnancy (code)	if 2-7 in col. 11			major source of receiving post-natal care (code)	if 1-7 in col. 15		
							nature of pre-natal care	no. of pre-natal care visits*	expenditure incurred during last 365 days on pre-natal care (Rs.)		place of delivery/abortion (code)	if code 6, in col. 12,			nature of post-natal care	expenditure incurred during last 365 days on post-natal care (Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
A. usual members (with code 1 in col.11 of block 4A/code 1 in col. 9 block 5)																	
B: members from other households who are included as household member for childbirth only (from Block 4B with serial no. 81 onwards)																	

*incl. all visits to any of the sources

CODES FOR BLOCK 11

cols. 7, 15: major source of receiving pre-natal/ post-natal care:

- | | | | |
|---|----|------------------------------------|----|
| from HSC/ANM/ASHA/AWW | -1 | from private hospital | -5 |
| from PHC/dispensary/CHC/mobile medical unit | -2 | from private doctor/clinic | -6 |
| from govt./ public hospital | -3 | from informal health care provider | -7 |
| from charitable/trust/NGO run hospital | -4 | no care was received | -8 |

cols. 8, 16: nature of pre-natal / post-natal care: AYUSH-1, non-AYUSH-2, both-3

col. 11: outcome of pregnancy: pregnancy continuing-1(for 11A only); mother alive & live birth -2; mother alive & stillbirth -3; mother alive & abortion-4; mother died & live birth -5; mother died & stillbirth -6; mother died & abortion-7; others (e.g. mother died before delivery/abortion for non-pregnancy related causes)-9

col. 12: place of delivery/ abortion:

- | | | | |
|---|----|--------------------------------------|----|
| in HSC | -1 | in charitable/trust/NGO run hospital | -4 |
| in PHC/dispensary/CHC/mobile medical unit | -2 | in private hospital | -5 |
| in govt./public hospital | -3 | at home | -6 |

col. 13: delivery was attended by: doctor/nurse-1, ANM-2, Dai-3, others-9

CODES FOR “NATURE OF AILMENT”

Block 6: item 4; Block 8: item 7

Reported Diagnosis and/or Main Symptom	Code	Reported Diagnosis and/or Main Symptom	Code
INFECTION		EYE	
<i>Fever with loss of consciousness or altered consciousness</i>	01	<i>Discomfort/pain in the eye with redness or swellings/ boils</i>	27
<i>Malaria</i>	02	<i>Cataract</i>	28
<i>Fever due to DIPHTHERIA, WHOOPING COUGH</i>	03	<i>GLAUCOMA</i>	29
<i>All other fevers</i>	04	<i>Decreased vision (chronic) NOT including where decreased vision is corrected with glasses</i>	30
<i>(Includes typhoid, Fever with rash/ eruptive lesions and fevers of unknown origin, all specific fevers that do not have a confirmed diagnosis)</i>		<i>Others (including disorders of eye movements – strabismus, nystagmus, ptosis and adnexa)</i>	31
TUBERCULOSIS	05	EAR	
<i>Filariasis</i>	06	<i>Earache with discharge/bleeding from ear/ infections</i>	32
<i>Tetanus</i>	07	<i>Decreased hearing or loss of hearing</i>	33
<i>HIV/AIDS</i>	08	CARDIO-VASCULAR	
<i>Other sexually transmitted diseases</i>	09	<i>HYPERTENSION</i>	34
<i>Jaundice</i>	10	<i>Heart disease: Chest pain, breathlessness</i>	35
<i>Diarrheas/ dysentery/ increased frequency of stools with or without blood and mucus in stools</i>	11	RESPIRATORY	
<i>Worms infestation</i>	12	<i>Acute upper respiratory infections (cold, runny nose, sore throat with cough, allergic colds included)</i>	36
CANCERS		<i>Cough with sputum with or without fever and NOT diagnosed as TB</i>	37
<i>CANCERS (known or suspected by a physician) and occurrence of any growing painless lump in the body</i>	13	<i>Bronchial asthma/ recurrent episode of wheezing and breathlessness with or without cough over long periods or known asthma)</i>	38
BLOOD DISEASES		GASTRO-INTESTINAL	
<i>Anaemia (any cause)</i>	14	<i>Diseases of mouth/teeth/gums</i>	39
<i>Bleeding disorders</i>	15	<i>Pain in abdomen: Gastric and peptic ulcers/ acid reflux/ acute abdomen</i>	40
ENDOCRINE, METABOLIC, NUTRITIONAL		<i>Lump or fluid in abdomen or scrotum</i>	41
DIABETES	16	<i>Gastrointestinal bleeding</i>	42
<i>Under-nutrition</i>	17	SKIN	
<i>Goitre and other diseases of the thyroid</i>	18	<i>Skin infection (boil, abscess, itching) and other skin disease</i>	43
<i>Others (including obesity)</i>	19	MUSCULO-SKELETAL	
PSYCHIATRIC & NEUROLOGICAL		<i>Joint or bone disease/ pain or swelling in any of the joints, or swelling or pus from the bones</i>	44
<i>Mental retardation</i>	20	<i>Back or body aches</i>	45
<i>Mental disorders</i>	21	INJURIES	
<i>Headache</i>	22	<i>Accidental injury, road traffic accidents and falls</i>	52
<i>Seizures or known epilepsy</i>	23	<i>Accidental drowning and submersion</i>	53
<i>Weakness in limb muscles and difficulty in movements</i>	24		
<i>Stroke/ hemiplegia/ sudden onset weakness or loss of speech in half of body</i>	25		
<i>Others including memory loss, confusion</i>	26		
GENITO-URINARY			
<i>Any difficulty or abnormality in urination</i>	46		
<i>Pain the pelvic region/reproductive tract infection/ Pain in male genital area</i>	47		

<i>Reported Diagnosis and/or Main Symptom</i>	<i>Code</i>	<i>Reported Diagnosis and/or Main Symptom</i>	<i>Code</i>
<i>Change/irregularity in menstrual cycle or excessive bleeding/pain during menstruation and any other gynaecological and andrological disorders incl. male/female infertility</i>	48	<i>Burns and corrosions</i>	54
		<i>Poisoning</i>	55
		<i>Intentional self-harm</i>	56
		<i>Assault</i>	57
OBSTETRIC		<i>Contact with venomous/harm-causing animals and plants</i>	58
<i>Pregnancy with complications before or during labour (abortion, ectopic pregnancy, hypertension, complications during labour)</i>	49	<i>Symptom not fitting into any of above categories</i>	59
<i>Complications in mother after birth of child</i>	50	<i>Could not even state the main symptom</i>	60
<i>Illness in the newborn/ sick newborn</i>	51	<i>Childbirth(for both live birth and stillbirth)</i>	
		<i>normal delivery</i>	87
		<i>Caesarean</i>	88
		<i>other types of delivery</i>	89

CODES FOR "STATE"

Block 7: item 19; Block 9: item 22

<i>State Name</i>	<i>Code</i>	<i>State Name</i>	<i>Code</i>	<i>State Name</i>	<i>Code</i>
<i>Andhra Pradesh</i>	28	<i>Karnataka</i>	29	<i>Tamil Nadu</i>	33
<i>Arunachal Pradesh</i>	12	<i>Kerala</i>	32	<i>Tripura</i>	16
<i>Assam</i>	18	<i>Madhya Pradesh</i>	23	<i>Telangana</i>	36
<i>Bihar</i>	10	<i>Maharashtra</i>	27	<i>Uttar Pradesh</i>	09
<i>Chhattisgarh</i>	22	<i>Manipur</i>	14	<i>Uttarakhand</i>	05
<i>Delhi</i>	07	<i>Meghalaya</i>	17	<i>West Bengal</i>	19
<i>Goa</i>	30	<i>Mizoram</i>	15	<i>A & N Islands</i>	35
<i>Gujarat</i>	24	<i>Nagaland</i>	13	<i>Chandigarh</i>	04
<i>Haryana</i>	06	<i>Odisha</i>	21	<i>Dadra & Nagar Haveli</i>	26
<i>Himachal Pradesh</i>	02	<i>Punjab</i>	03	<i>Daman & Diu</i>	25
<i>Jammu & Kashmir</i>	01	<i>Rajasthan</i>	08	<i>Lakshadweep</i>	31
<i>Jharkhand</i>	20	<i>Sikkim</i>	11	<i>Puducherry</i>	34