



Government of Kerala

# Report on PARTICIPATION AND EXPENDITURE IN EDUCATION

NSS 64th Round  
(July 2007 – June 2008)



**NSS DIVISION**  
**DEPARTMENT OF ECONOMICS AND STATISTICS**



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National Sample Survey (NSS) Division  
Department of Economics & Statistics



## PREFACE

The National sample Survey office (NSSO) conducts nationwide socio-economic surveys covering various subjects on regular basis. Subjects are selected keeping in view of their importance and surveys are based on scientific sampling methods. The Department Economics and Statistics in Kerala had been participating this surveys with state samples on a matching level. From 62nd round onwards the number of state samples has been increased to 50% additional with an objective to derive the district level estimates.

The objective of the survey was to study i) the extent of use of educational infrastructure, as reflected in current attendance status of population in educational institutions and the educational incentives received by students from the government or private sector ii) the magnitude and nature of private expenditure on education iii) the extent of educational wastage in terms of dropouts and discontinuance and its causes.

This report consists of four chapters and three appendices. Chapter I of the report is introductory. The major concepts and definitions related to this survey are given chapter II. A detailed analysis of literacy rate, level of education, current attendance & enrolment status of persons in the age group 5-29 years are given chapter III. The participation rates by educational level, type and nature of institution, incentives availed of and private expenditure incurred on education, non enrolment and discontinuance are discussed in state and substate level in chapter IV. Appendix A consists of the valuable data in the form of tables. The sampling design and estimation procedure are explained in Appendix B and a facsimile of the schedule of enquiry canvassed in the field is in Appendix C.

This report was prepared by the NSS division in the Directorate of economics and Statistics. The valuable data was collected by conscientious field staffs under the admirable co-operation extended by the sample households. The technical assistance provided by National Sample Survey Office, government of India for data processing and table generation is acknowledged.

I hope that this report will found useful to policy makers, academicians and researchers. Suggestions for improvement of the content of this report will be greatly appreciated.

Thiruvananthapuram  
Date : 27.08.2012

  
**V.Ramachandran**  
Director



## HIGHLIGHTS

Some of the key findings of the 64<sup>th</sup> round NSS survey on “Participation and Expenditure in Education” conducted by Directorate of Economics and Statistics during July 2007 to June 2008 are presented below :

- *The average estimated household size in rural sector is 4.23 and that in urban sector it is 3.99*
- *The literacy rate for all ages (5 years & above) among rural male, rural female, urban male, urban female was found to be 97.32%, 93.61%, 99.72%, 96.01% respectively .*
- *89% of the rural households and 96% of the urban households have school with primary classes with in 2 km . 76% of the rural households and 91% of the urban households have school with middle classes with in 2 km . 48% of the rural households and 66% of the urban households have school with secondary classes with in 2 km .*
- *Among persons in the age group 5-29 years; almost 58% in the rural sector and 63% in the urban sector were currently attending in any educational institutions .*
- *Among persons in the age group 5-29 years 33% were currently attending in primary; 25% in middle; 29% were in secondary/higher secondary; 13% were above higher secondary level .*
- *Gross Attendance ratio (%) for persons of age 5-29 years;*

Gross Attendance ratio	Classes			
	I-V	VI-VIII	IX-X	XI-XII
Rural male	107	96	102	94
Rural female	100	98	115	96
Urban male	111	98	114	98
Urban female	101	99	118	103

● *Age Specific Attendance ratio (%)for persons of age 5-29 years;*

Age Specific Attendance ratio	Age group				
	6-10	11-13	14-17	18-24	25-29
Rural male	99	99	87	18	1
Rural female	99	100	92	22	0
Urban male	98	100	91	17	0
Urban female	99	100	97	25	1

● *Net Attendance ratio for persons of age 5-29 years;*

Net Attendance ratio	Class - Age group				
	I-V 6-10	VI-VIII 11-13	IX-X 14-17	XI-XII 18-24	XII + 25-29
Rural male	96	81	76	57	11
Rural female	92	80	85	68	14
Urban male	94	85	82	63	10
Urban female	93	81	87	81	21

● *Proportion of students getting educational incentives;*

Incentive Type	in RURAL	in URBAN
Scholarship/stipend	9%	7%
Free/subsidised books	27%	26%
Free/subsidised stationery	43%	33%
Mid-day meal from govt	43%	33%
Concession in transport fare	28%	27%

● *Average annual private expenditure per student on general education by level of education;*

Level	Amount	in RURAL	in URBAN
Primary :	₹ 2623	₹ 2155	₹ 3890
Middle :	₹ 2854	₹ 2544	₹ 4712
Sec / HS :	₹ 4759	₹ 4354	₹ 6166
Above HS:	₹ 8537	₹ 8191	₹ 9545

- *Average annual private expenditure per student on general education by type of institution;*

Institution Type	in RURAL	in URBAN
Govt. & Local body :	₹ 1845	₹ 2474
Private aided :	₹ 2713	₹ 3299
Private unaided :	₹ 7447	₹ 9920

- *Major components of private expenditure in general education and their shares in total;*

Institution Type	in RURAL	in URBAN
Tuition fee	26%	35%
Exam fee,Other fee & payment	10%	8%
Books & Stationery	19%	16%
Uniform	14%	9%
Transport	15%	15%
Private coaching	11%	11%

- *In Rural sector the major reasons for discontinuance in education of persons in the age group 5-29 years are found be i) parents not interest in studies ii) to attend domestic chores iii ) finacial constraints iv) others including marriage .*
- *In Urbansector the major reasons for discontinuance in education of persons in the age group 5-29 years are found be i) parents not interest in studies ii) for participating in other economic activities iii) finacial constraints iv ) others including marriage .*



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# 1



## INTRODUCTION

## INTRODUCTION

**1.0.1** The National Sample Survey Office which came into existence in the year 1950 under Government of India conducts multi subject integrated continuing sample survey programmes for collecting data on various aspects of the national economy required by different agencies of the Government both Central and State. These surveys are conducted in the form of rounds and covers all the important socio-economic aspects influencing the life of population in rural as well as urban areas. Government of Kerala has been participating in this survey on a matching sample basis and increased its participation by taking 50% additional samples from 62<sup>nd</sup> round onwards.

**1.0.2** This report is based on the major findings of 64<sup>th</sup> round survey on 'Participation and Expenditure in Education conducted by Department of Economics and Statistics during the period July 2007 to June 2008. Comprehensive data on the same subject was last collected in 52<sup>nd</sup> round during July 1995 to June 1996.

**1.0.3** Education generally refers to developing knowledge, skill or character of individuals through a process of learning such as self-study, attending formal or informal educational institutions, etc. Aim of education must be in conformity with cherished national goals. It goes to the credit of Kerala that it has achieved almost all the millennium development educational goals much ahead of time. Government spends substantial amounts on the creation as well as running of the educational infrastructure. However, for availing such facilities, individuals have to also incur expenditure in the form of tuition fees, examination fees, charges for stationeries, books, etc. Though information is available on the expenditure incurred by the governments through budget documents, the data on expenditure by individuals have

to be collected through a specialised survey , therefore has a special significance in this contemporary context.

**1.0.4** The main objective of 64<sup>th</sup> round survey was to collect detailed information on Participation and Expenditure in Education through household surveys using schedule 25.2. The information on Education was collected from persons in the age group 5-29 years as they are considered to be the main users of the formal education system. This survey brings out valuable informations on i) participation in education of persons aged 5-29 years in the education system, (ii) private expenditure incurred on education and (iii) examining the extent of educational wastage and its causes.

## **1.1 Geographical coverage**

**1.1.1** The survey covered the whole Kerala state with 356 rural and 192 urban samples. The survey period July 2007 to June 2008 was divided in to four subrounds of three months each. In each of these four subrounds equal number of sample panchayat wards / blocks (UFS) were allotted with view to ensuring uniform spread of sample FSUs over the entire survey period. From each sample panchayath ward or urban block, eight households were selected for the survey on 'Participation and Expenditure in Education'. For each sample household some general particulars such as age, sex, educational level attained, current attendance and enrolment status,etc. were collected from all the household members. For persons of age 5-29 years, who formed the main target group of the survey, further information on current attendance and enrolment status in educational institutions was obtained. More detailed data on education was collected from the persons in the target age-group who were reported to be currently attending at primarylevel or above. This included information on type of education, details of course, level of current attendance, class / grade/ year of study, type of management of educational institution, whether the institution is recognised, details of benefits received, if any, such as fee waiver, scholarship, free study materials and free mid-day meals, and detailed break-up of private educational expenditure for each person. Those currently not attending any educational institution were asked whether they had ever been enrolled, and if so whether they had completed their education or discontinued midcourse, and what was the main reason for for non-enrolment.

## **1.2 Population coverage**

**1.2.1** The following rules were followed

- Under-trial prisoners in jails and indoor patients of hospitals, nursing homes etc., are to be excluded, but residential staff therein will be listed while listing is

done in such institutions. The persons of the first category will be considered as normal members of their parent households and will be counted there. Convicted prisoners undergoing sentence will be outside the coverage of the survey.

- Floating population, i.e., persons without any normal residence will not be listed. But households residing in open space, roadside shelter, under a bridge, etc., more or less regularly in the same place, will be listed.
- Foreign nationals will not be listed, nor their domestic servants, if by definition the latter belong to the foreign national's household. If, however, a foreign national becomes an Indian citizen for all practical purposes, he or she will be covered.
- Persons residing in barracks of military and paramilitary forces (like police, BSF, etc.) will be kept outside the survey coverage due to difficulty in conduct of survey therein. However, civilian population residing in their neighbourhood, including the family quarters of service personnel, are to be covered. Permission for this may have to be obtained from appropriate authorities.
- Orphanages, rescue homes, *ashrams* and vagrant houses are outside the survey coverage. However, persons staying in old age homes, students staying in *ashrams*/hostels and the residential staff (other than monks/ nuns) of these *ashrams* may be listed. For orphanages, although orphans are not to be listed, the persons looking after them and staying there may be considered for listing.

### 1.3 Educational coverage

1.3.1 For the purpose of the survey 'education' will cover only the following :

- ⊗ School education including those under Education Guarantee Scheme (EGS) commencing from class I to X or XII, as the case may be, irrespective of the recognition status of the educational institution
- ⊗ Higher secondary / Pre-university education leading to certificate/ diploma/degree etc. It also includes enrolment in private unrecognised institutions, which have regular classes and following the syllabus and pattern of the education as in recognised schools or colleges and which sponsor students for public examinations as private or external candidates

- ⊗ General University education, whether full time or part time, leading to certificate/ diploma/ degree etc. The Universities not recognised by University Grant Commission will not be covered,
- ⊗ Correspondence courses conducted by Universities, Deemed Universities or Institutions, authorised by competent authorities for awarding regular degrees or diplomas or certificates,
- ⊗ Higher secondary / Pre-university / Under-graduate/ Post-graduate / Professional / Technical education leading to certificate/diploma/degree etc. conducted by recognised open university/schools.
- ⊗ Technical or Professional courses, leading to degree / diploma / certificates conducted by Universities, Deemed Universities or institutes like, National Institute of Fashion Technology, National School of Drama, Satyajit Ray Film and Television Institute, Film and Television Institute of India, Lok Nayak Jayaprakash Narayan National Institute of Criminology and Forensic Science, etc. or Institutions, authorised by competent authorities like All India Council of Technical Education (AICTE), Medical Council of India (MCI) etc.,
- ⊗ Professional courses conducted by Institutes like The Institute of Chartered Accountants of India, The Institute of Cost and Works Accountants of India, The Institute of Company Secretaries of India, Actuarial Society of India, etc.,
- ⊗ All types of vocational courses of duration three months or more, conducted by Institutions like Industrial Training Institute (ITI), National Vocational Training Institute, Regional Vocational Training Institutes, etc., authorised by competent authorities
- ⊗ All the courses at primary level and above, whether recognised or not, conducted by recognised educational institutions and which are not covered under above mentioned categories.

***The following courses shall be specifically excluded:***

- Art, music and similar type of courses conducted by individuals in their houses or unrecognised / unaffiliated institutions,
- Classes taken by Private tutors

- Education in nursery / Kindergartens / Preparatory levels except for their enrolment statuses and dropout / discontinuance statuses.
- The non-formal system of education being implemented through various programs by government or other agencies except for their enrolment statuses and dropout / discontinuance statuses.

## 1.4 Sample size- first stage units

1.4.1 The number of panchayath wards and urban blocks allotted for this survey in each district of kerala and the number of sample households in which schedule 25.2 was surveyed are given below

**Table 1.4.1 : Number of panchayath wards / blocks surveyed for schedule 25.2**

District	Allotted FSUs		Number of schedule 25.2 surveyed		
	Rural	Urban	Rural	Urban	All
Kasaragod	16	8	128	64	192
Kannur	20	24	160	192	352
Wayanad	12	4	96	32	128
Kozhikode	20	24	160	192	352
Malappuram	36	8	288	64	352
Palakkad	36	12	288	96	384
Thrissur	36	20	288	160	448
Ernakulam	24	28	192	224	416
Idukki	16	4	128	32	160
Kottayam	24	8	192	64	256
Alappuzha	24	12	191	95	286
Pathanamthitta	20	4	160	32	192
Kollam	36	12	288	96	384
Trivandrum	36	24	288	192	480
<b>All</b>	<b>356</b>	<b>192</b>	<b>2874</b>	<b>1535</b>	<b>4382</b>

## 1.5 Layout of the report

1.5.1 This report consists of four chapters and three appendices. The major concepts and defenitions related to this survey are given chapter II. A detailed analysis of literacy rate , level of education , current attendance & enrolment status of persons in

the age group 5-29 years are given chapter III. The participation rates by educational level , type and nature of institution , incentives availed of and private expenditure incurred on education , non enrolment and discontinuance are discussed in state and substate level in chapter IV. Appendix A consists of the detailed statistical tables. The sampling design and estimation procedure are explained in Appendix B and a facsimile of the schedule of enquiry canvassed in the field is in Appendix C.



# 2



## CONCEPTS AND DEFINITIONS

## CONCEPTS AND DEFINITIONS

**2.1** Important concepts and definitions used in this survey are given in the instructions to field staff conducting the survey are stated below.

**2.1.1 Household:** A group of persons normally living together and taking food from a common kitchen constitute a household. It includes temporary stay-aways (those whose total period of absence from the household is expected to be less than 6 months) but excludes temporary visitors and guests (expected total period of stay less than 6 months).

**2.1.2 Household monthly per capita expenditure (MPCE):** Household consumer expenditure is measured as the expenditure incurred by a household on domestic account during a specified period, called reference period. It also includes the imputed values of goods and services, which are not purchased but procured otherwise for consumption. In other words, it is the sum total of monetary values of all the items (i.e. goods and services) consumed by the household on domestic account during the reference period. Monthly per capita expenditure (MPCE) is the household consumer expenditure over a period of 30 days divided by household size.

**2.1.3 Educational level:** It refers to the stage of educational attainment. It is the highest level a person has completed successfully. The levels are:

- not literate
- literate without any schooling;
- literate without formal schooling
- literate with formal schooling:
  - below primary,
  - primary,

- upper primary/middle,
- secondary,
- higher secondary,
- diploma/ certificate course,
- graduate,
- post-graduate and above.

It may be noted that if a person has successfully passed the final year of a given level, then only he/ she will be considered to have attained that level of education. For example, for a person studying in Class IX the educational level will be middle and not secondary.

**2.1.4 Level of current attendance:** The term in the present report refers to the stage of education that a student is currently pursuing, if any. For example, the level of current attendance of a person studying in Class IX will be secondary. Here the categories are:

- never attended;
- ever attended but currently not attending;
- currently attending in:
  - non-formal education,
  - pre-primary (nursery/ kindergarten, etc.),
  - primary,
  - upper primary or middle,
  - secondary,
  - higher secondary,
  - diploma or certificate (below graduate level)
  - diploma or certificate (graduate and above level)
  - graduation level degree courses
  - post-graduation and above degree courses

In the schedule used for data collection, the 'levels' of current attendance, at the higher stages of education, referred to more specific categories indicating not only stage of education but also subject of study. Thus, graduate in agriculture and graduate in medicine were given different 'level codes'.

**2.1.5 Literate:** A person is considered literate if he/she can read and write a simple message in atleast one language with understanding.

**2.1.6 School education levels:** A uniform pattern across the country for the number of years of schooling at primary level, upper primary/middle level, secondary level and a higher secondary level is yet to be achieved. Generally, the primary level refers to Classes I-V, the middle to Classes VI-VIII, the secondary to Classes IX-X and the higher secondary to Classes XI-XII. While in Kerala, the primary level comprises Classes I- IV, the middle Classes V to VII, the secondary Classes VIII-X, etc., and the higher secondary in some states is taught in colleges.

**2.1.7 Type of education:** Education is broadly divided into three categories: (i) general education, (ii) technical and professional education and (iii) vocational education. General education, in this survey, includes general school education from the primary to the higher secondary level, normal university education for a degree, whereas technical/professional courses involve the hands-on training in addition to theoretical classes. Engineering, Medicine, Agriculture, Management, Chartered Accountancy, Cost Accountancy, etc. are examples of technical/ professional courses. The education which aims at imparting training in very specific fields through providing significant 'hands-on' experience in acquiring necessary skill, which will make them employable or create for them opportunities of self employment and the degree/diploma/ certificate awarded by the institute which have recognition by State/ Central Government/ public sector or similar employers is included under vocational education. Education offered by ITIs, polytechnics, etc. are examples of vocational courses.

**2.1.8 Course:** A course a) is a structured educational programme having a specified syllabus, duration, level, etc. and b) necessarily involves appearing in some kind of examination/performance appraisal for getting the degree/ diploma/ certificate or advancing to the next class/level. Depending upon the subjects covered and the mode of instruction, the course are categorised broadly as (a) general, (b) technical/ professional and (c) vocational. For the purpose of this survey, only those courses covered under the definition of 'education' above are considered.

**2.1.9 Academic session:** The academic session is defined in relation to the duration of the course in which one is enrolled in the following manner –

- i. If duration of the course is less than one year, the academic session covers the full duration of the course
- ii. If duration of the course is more than one year, then generally at the end of every year

there is an evaluation process through examination or otherwise, the passing of which enables the individual for to continue the course further. In such cases, the academic session is of one year. For the educational institutions pursuing three to six months semester system, too, academic session is taken as one year.

**2.1.10 Nature of institution:** This refers to whether the institution is recognised or not. A recognised school/ institution is one in which the course(s) of study followed is/ are prescribed or recognised by the government or a university or a board constituted by law or by any other agency authorised in this behalf by the central or state government.

**2.1.11 Type of institution:** This refers to the type of management by which the institution is run. It may be run by government or a local body or a private body either receiving or not receiving government aid. Thus, the four types are: (a) government, (b) local body, (c) private aided and (d) private unaided. All schools/ institutions run by central and state governments, public sector undertakings or autonomous organisations completely financed by government are treated as government institutions. All institutions run by municipal corporations, municipal committees, notified area committees, zilla parishads, panchayat samitis, cantonment boards, etc., are treated as local body institutions. A private aided institution is one which is run by an individual or a private organisation and receives maintenance grant from a government or a local body. A private unaided institution is one which is managed by an individual or a private organisation and is not receiving maintenance grant either from a government or from a local body.

**2.1.12 Free education:** Education is free of tuition fee in government schools in most of the states and also in private schools in some states up to certain levels of education. There are some schools where students up to a certain level are not required to pay tuition fees. Nevertheless, affixed sum of money has to be paid such as development fee, library fee, etc. Education in such schools is still considered to be free. This applies to the institution as a whole and not to the specific situation obtaining for the student.

**2.1.13 Exemption from tuition fees:** This refers to exemption from payment of tuition fees granted to some students on some special consideration in those institutions where it is reported that the education is not free. The exemption may be full or partial.

**2.1.14 Private expenditure on education:** It is the sum total of all the expenditures incurred by the student on education (towards fees, books & stationery, uniform, transport, private coaching, study tours, etc.). This include all the expenditures incurred and/or to be incurred during the **current academic year/ session** on the education of the household members, aged 5-29 years who are currently attending at primary level and above.

**2.1.15 Attendance and enrolment:** The current attendance status refers to whether a person is currently attending any educational institution or not. While every person, who is attending an educational institution, is necessarily enrolled in that institution, it may so happen that a person, who is enrolled is not currently attending the institution. While most of the official educational statistics are based on enrolment, NSSO survey, because of its household approach, bases its analysis on the current attendance status.

**2.1.16 Usual activity status:** The usual activity status relates to the activity status of a person during the reference period of 365 days preceding the date of survey. The activity status on which a person spent relatively longer time (major time criterion) during the 365 days preceding the date of survey is considered the *usual principal activity status* of the person.

## **2.2 Some concepts/ indicators used in the report:**

**2.2.1 Literacy rate:** Percentage of literates in a population is taken as its literacy rate.

**2.2.2 Decile class of MPCE:** In the distribution of population of any domain by MPCE level, the first decile is the level of MPCE below which 10% of the population lie, the second decile, the level below which 20% of the population lie, and so on. Thus the population can be divided into 10 decile classes (%) of MPCE: from 0 to the first decile (called 0-10%), from the first decile to second decile (called 10-20%), and so on. Averages of other variables of interest, computed separately for the 10 decile classes, help to portray the variation in the variable with the behaviour of MPCE. In this round decile classes are used in all-India tables separately for rural sector, urban sector and for rural and urban sectors combined.

**2.2.3 Educated persons:** Persons with completed education level secondary and above.

**2.2.4 Student:** A person in the age-group 5-29, who is currently attending formal education at primary level or above, is referred as 'student' in the discussion here.

**2.2.5 Gross attendance ratio (GAR):** For each class-group, this is the ratio of the number of persons in the class-group to the number persons in the corresponding official age-group. For example, for Class group I-V the ratio (in %), corresponding to normative age-group of 6-10, is

$$= \frac{\text{Number of persons attending Classes I-V}}{\text{Estimated population in the age group 6-10 years}} \times 100$$

For the remaining class-groups of school education, i.e. VI-VIII, IX-X and XI-XII, the corresponding official age-groups are taken as 11-13, 14-15 and 16-17 respectively.

**2.2.6 Age-specific attendance ratio:** For each age-group this measure gives an idea of proportion of persons of a particular age-group currently attending educational institutions, irrespective of the level or class in which they are studying. For example, for age-group 6-10, this attendance ratio is

$$= \frac{\text{Number of persons in age-group 6-10 currently attending educational institutions}}{\text{Estimated population in the age-group 6-10 years}} \times 100$$

**2.2.7 Net attendance ratio:** For each education class-group, this is the ratio of the number of persons in the official age-group attending a particular class-group to the total number persons in the age-group. For example, for Class group I-V the ratio (in %) is

$$= \frac{\text{Number of persons of age 6-10 years currently attending Classes I-V}}{\text{Estimated population in the age group 6-10 years}} \times 100$$

Similarly it can be obtained for the remaining class-groups of school education.

# 3



**LITERACY RATE, LEVEL OF EDUCATION, CURRENT  
ATTENDANCE AND ENROLMENT STATUS**



**LITERACY RATE, LEVEL OF EDUCATION, CURRENT ATTENDANCE AND ENROLMENT STATUS**

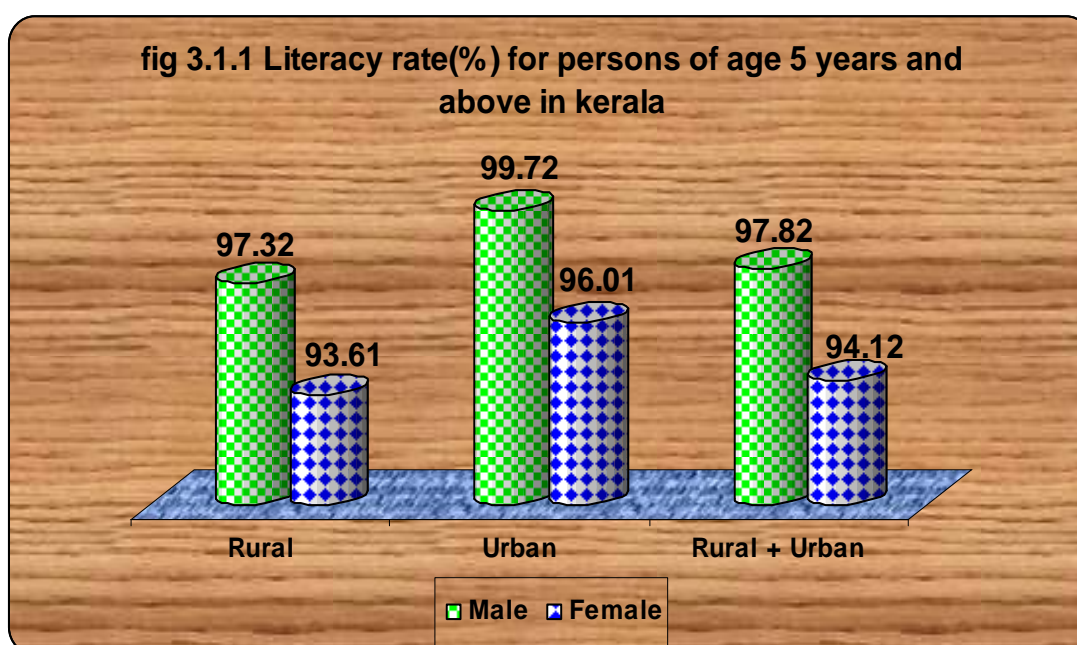
**3.0.1** The Educational system in Kerala stands miles ahead than the other states in India from decades. The findings of 64<sup>th</sup> round NSS survey enlightens this fact. In this survey, information on level of education was obtained for all members of the selected sample households. Eventhough this information was available from some other NSS surveys; the performance of the educational infrastructure, facilities and incentives provided by the government as well as the private sector is best studied through the current attendance status of the school and college going population. The survey mainly focussed on the persons in the age group 5-29 years and their current attendance and enrolment status as this age group contains the main beneficiaries of the educational system in its current state. This chapter discusses mainly about the literacy rate, level of education, distance to the nearest school, current attendance and enrolment status of persons in the age group 5-29 years of Kerala in state and substate level.

**3.1 Literacy rate**

**3.1.1** A person who can read and write a simple message in any language with understanding is considered as literate in National Sample Surveys. As the literacy rate resembles the overall socio economic progress, the Kerala state stands miles ahead in comparison with the all India level. As in table no.3.1.1 the literacy rate for all ages (5 years & above) among rural male, rural female, urban male, urban female was found to be 97.32%, 93.61%, 99.72%, 96.01% and was visualised in fig. 3.1.1.

**Table3.1.1 Literacy rate(%) for persons of age 5 years and above during 2007-08**

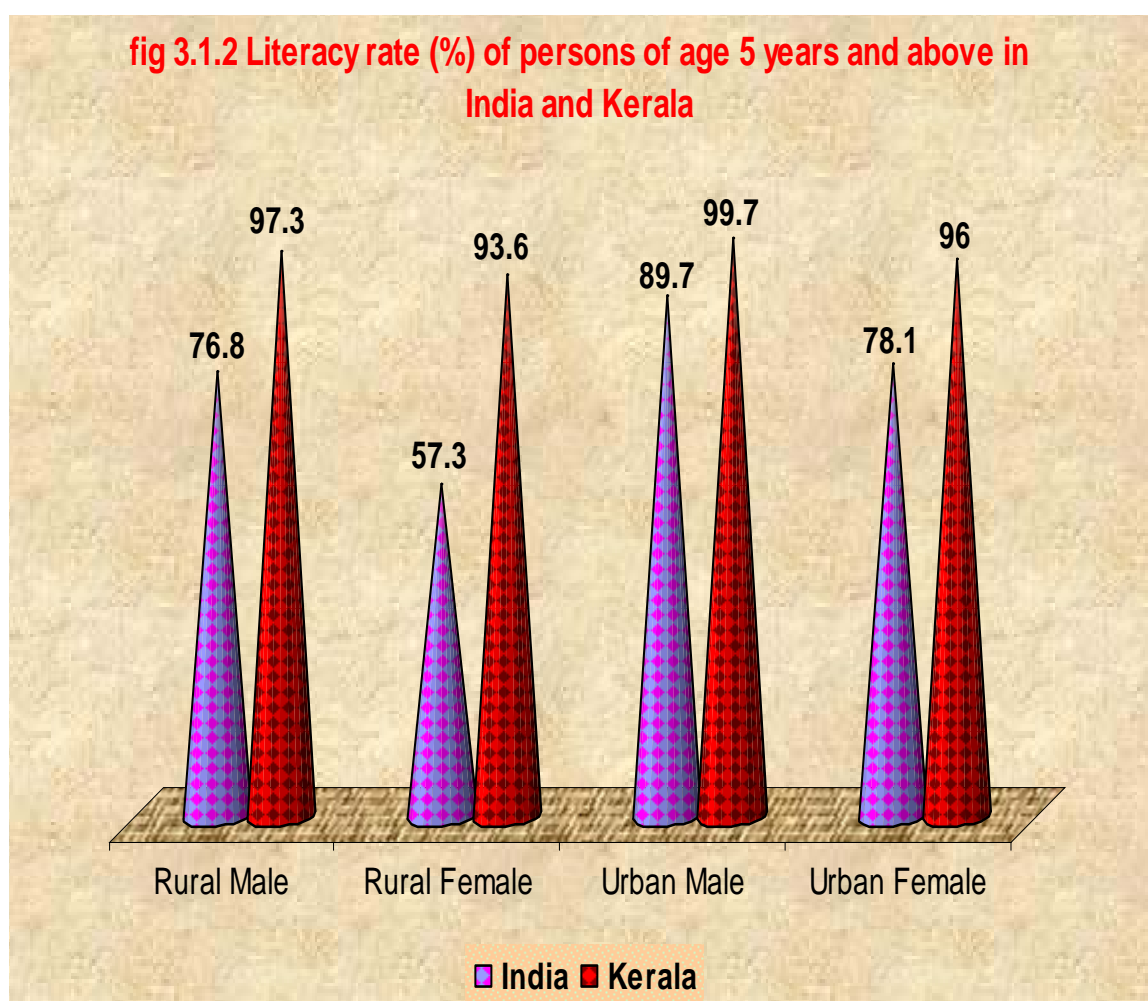
Kerala	Rural	Urban	Rural+Urban
Male	97.32	99.72	97.82
Female	93.61	96.01	94.12
<b>Total</b>	<b>95.41</b>	<b>97.77</b>	<b>95.91</b>



**3.1.2** The comparison of literacy rate between India and Kerala was given in Table 3.1.2 the literacy rate for all ages (5 years & above) among rural male, rural female, urban male, urban female was found to be 97.32%, 93.61%, 99.72%, 96.01%; meanwhile the all India figures are 76.8%, 57.3%, 89.7%, 78.1% respectively. The rural female literacy rate of kerala(93.6%) displays the non existence of disparity between male and female in the educational environment of Kerala, when it is the fact that nearly half of the female population of rural India (42.7%) remains illiterate.

**Table 3.1.2 Literacy rate(%) for persons of age 5 years and above in India and Kerala during 2007- 08**

	Rural Male	Rural Female	Urban Male
<b>India</b>	76.8	57.3	89.7
<b>Kerala</b>	97.3	93.6	99.7



### 3.2 Level of education

**3.2.1** In NSS surveys the level of education is reported as the highest completed level of education after taking into consideration the education attained by him/her in general, technical and vocational streams. The level of education include non formal education, below primary, primary, middle, secondary, highersecondary, diploma,

graduation, postgraduation and above level courses etc. The percentage distribution of persons of age 5 years and above by their completed level of education obtained from table 3 of appendix A was given in table 3.2.1.

**Table 3.2.1 Percentage distribution of persons (5 Years and Above) by completed level of education during 2007-08**

Level of Education	Rural		Urban		Rural + Urban	
	Male	Female	Male	Female	Male	Female
Not literate	11.04	13.30	8.91	10.41	10.62	12.68
<b>Literate</b>						
Without formal Education	0.80	1.16	0.43	0.49	0.73	1.02
Below primary	14.13	13.94	13.61	12.74	14.03	13.68
Primary	19.29	18.68	13.78	14.68	18.12	17.86
Middle	26.76	23.65	25.37	21.56	26.45	23.22
Secondary	16.27	16.05	19.29	17.79	16.88	16.42
HigherSecondary	5.05	6.02	6.57	8.98	5.39	6.64
Diploma	2.32	1.45	3.71	1.46	2.61	1.42
Graduation	3.61	4.90	6.38	9.90	4.19	5.97
Post Graduation & above	0.73	0.85	1.95	1.99	0.98	1.09
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

**3.2.2** The survey results indicate that among the literates an equal percentage (18%) of males and females have successfully completed primary level, while 26% & 23% of males and females had completed middle level. The secondary level had been completed by 17% of males and 16% of females. The proportion males and females successfully completed Higher secondary are 5% and 7%; Diploma are 3% and 1%; graduates are 4% and 6% ; Post graduates & above are 1% and 1% respectively. Only 0.73% of males and 1.02% of females had been literate without formal education, which reveals the acceptance of formal education in kerala. Distribution of males and females by the completed level of education can be seen in fig.3.2.1 and fig.3.2.2

Fig. 3.2.1 Distribution of males by completed level of education

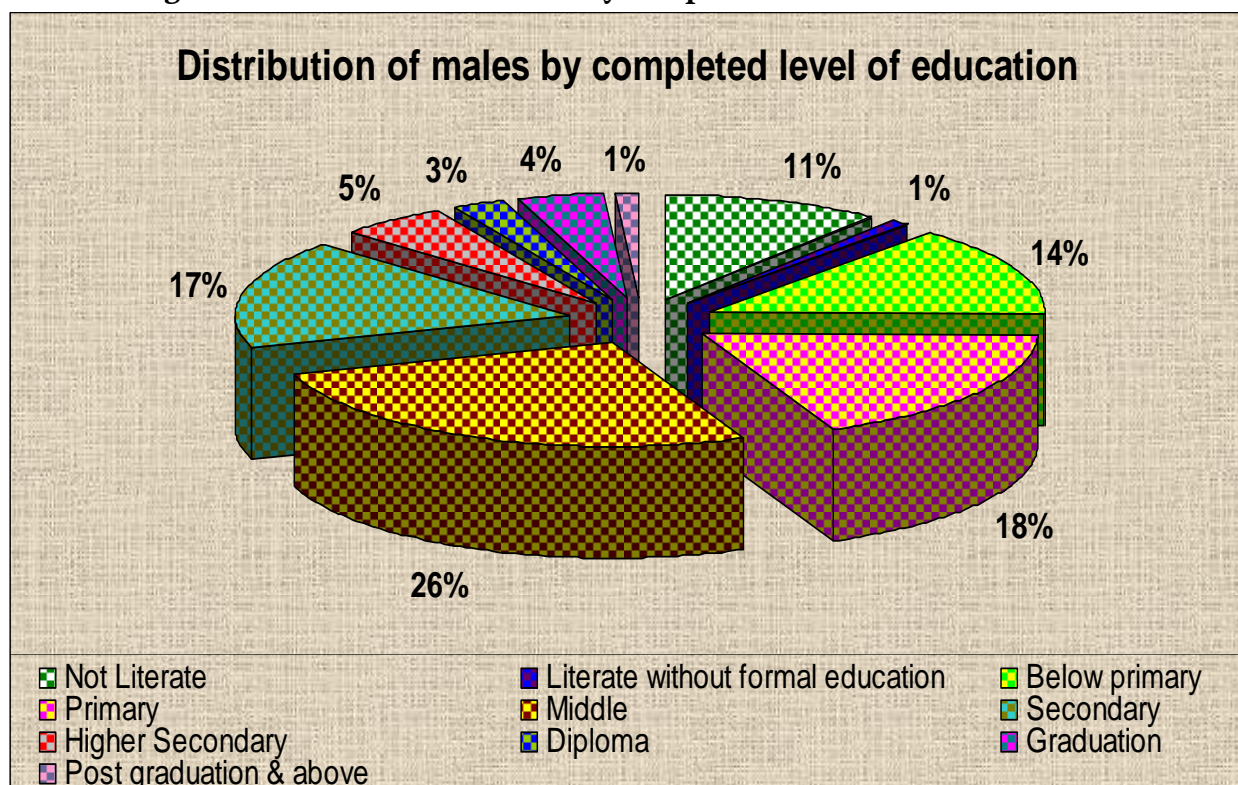
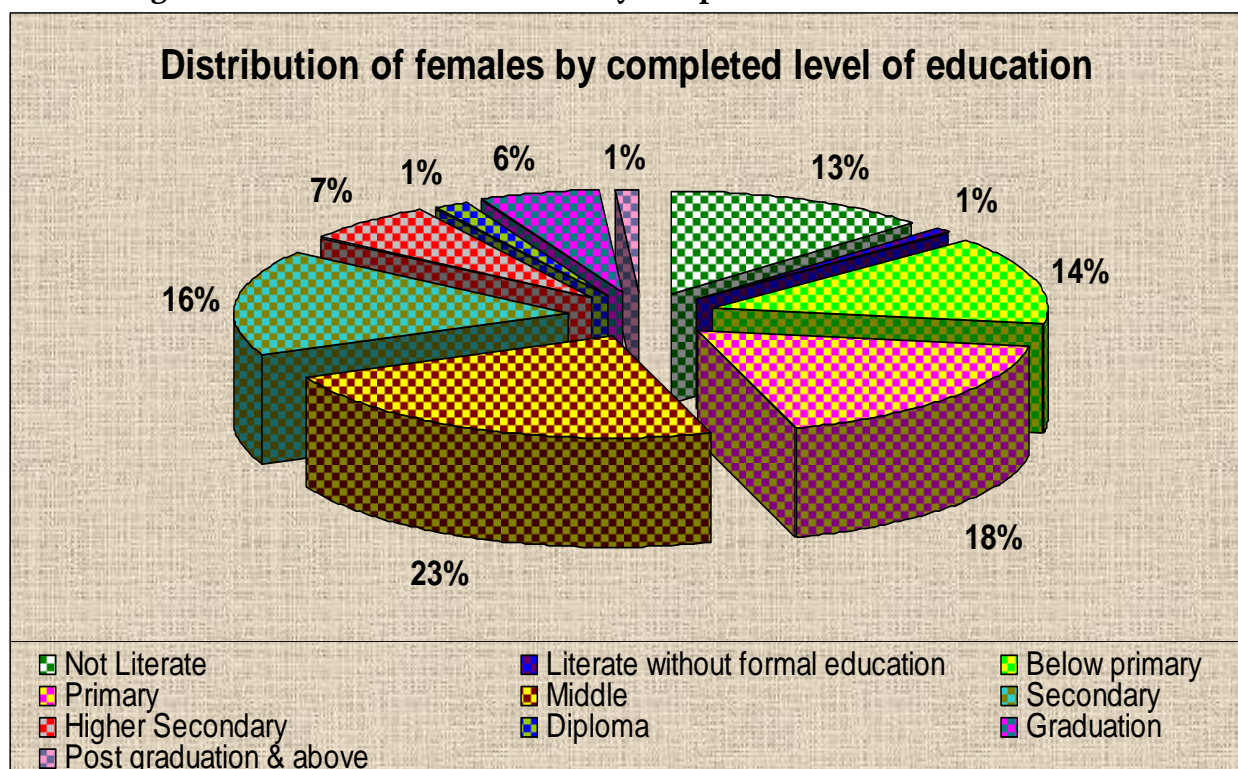


Fig.3.2.2 Distribution of Females by completed level of education



**3.2.3** The classification of population according to the completed level of education against the economic level reveals the fact that economically disadvantaged sections of population were also disadvantaged on account of their educational levels. Here the analysis was done in Table 3.2.3 separately for both rural and urban areas at ten different economic levels ( ten decile classes of MPCE ).

**Table 3.2.3. Percentage distribution of persons of MPCE decile classes by completed level of education**

Level of Education		Decile Class (%) of MPCE									
		0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
<b>Rural</b>	Not Literate	18.3	16.2	15.5	16.5	14	12	12.5	10.9	8	5.5
	Literate but below primary	16.8	16.6	18.8	15.9	15.7	15.9	16.2	13.8	14.2	10.2
	Primary	21.5	24.1	20.9	19.9	20.5	19.5	16.8	17.7	18.3	15
	Middle	25	26.1	23.8	25.4	26.9	26.8	26.2	26	25.9	21.1
	Secondary	12.2	11.6	13.2	14.8	14.4	16.9	16.9	17.8	17	21.4
	Higher Secondary	4.1	2.7	3.2	3.1	3.7	5.1	6.2	6	7.7	9.6
	Post HS & Diploma	2.1	2.7	4.6	4.4	4.8	3.8	5.2	7.8	8.9	17.2
	<b>All</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Urban</b>	<b>Not Literate</b>	12	12.1	14.8	9.4	12.4	11.6	9.1	9.6	7.5	4.5
	Literate but below primary	16.7	14.2	16.8	13	14.3	14	18.3	16.5	9.7	8.1
	Primary	21.9	20.6	15.5	16.4	13.5	13.5	14.2	13.4	11.5	9.8
	Middle	27.4	31.2	26	30.7	25.4	28.1	24.4	22.5	18.1	12.6
	Secondary	14.1	15.7	16.4	19.6	18.3	19.8	16.2	18.6	23.3	19
	Higher Secondary	3.6	4.1	4.9	7.6	7.9	7.1	8.1	7.1	9.5	12.5
	Post HS & Diploma	4.3	2.1	5.6	3.3	8.2	5.9	9.7	12.3	20.4	33.5
	<b>All</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

### 3.3 Distance to the nearest school having primary, middle and secondary level classes

3.3.1 One of the most important factor affecting access to education and attendance is the distance from school. In this survey, information was obtained from all the sample households on their distance from the nearest school providing school education at primary, middle and secondary level. As shown in Table 3.3.1 it can be analysed that 88.8% of rural households and 95.9% of urban households had primary school within 2 km; while 75.8% of rural households and 91% of urban households had middle school within the same distance. But in the case of secondary level classes the proportion was 47.6% for rural and 65.6% for urban households.

**Table 3.3.1 Percentage distribution of households by distance to school having primary, middle and secondary educational level in rural and urban areas**

Sector	Level	Distance (d) to nearest school				
		d < 1km	1km ≤ d < 2km	2km ≤ d < 3km	3km ≤ d < 5km	d ≥ 5km
Rural	Primary	57.1	31.7	7.3	3.1	0.7
	Middle	39.8	36.0	13.9	8.9	1.3
	Secondary	16.1	31.5	26.3	19.0	6.9
Urban	Primary	69.4	26.5	2.7	1.1	0
	Middle	53.4	37.6	5.0	3.4	0.4
	Secondary	28.2	37.4	18.2	14.0	2.0

### 3.4 Current attendance and enrolment status

3.4.1 Current attendance status refers to whether a person is currently attending any educational institution or not. Current attendance and enrolment status of persons of age 5-29 are given in table 3.4.1. The results indicate that in rural area 39.04% and in urban area 38.09% of the entire population belongs to the age group 5-29 years. Among these 58.23% of rural population and 63.26% of the urban population were currently attending educational institutions.

**Table 3.4.1 Percentage distribution of population in the age group 5-29 years and the proportion of persons currently attending in the age group**

Characteristic	Rural	Urban	Rural + Urban
Percentage of population in age group 5 -29 years	39.04	38.09	38.84
Percentage of persons currently attending in any education in the age group 5-29 years	58.23	63.26	59.27

**3.4.2** Districtwise analysis of current attendance status of Kerala was done in table 3.4.2. It was observed that more than half of the entire population (5-29 years) in most of the districts were currently attending in educational institutions and had possessed a high percentage rate when comparing with the all India rate.

**Table 3.4.2 Percentage of persons currently attending in any education in the age group 5-29 years**

Districts	Rural	Urban
Kasaragod	58.28	64.33
Kannur	61.38	61.72
Wayanad	50.51	56.76
Kozhikode	55.55	57.84
Malappuram	61.88	59.85
Palakkad	51.42	53.52
Thrissur	47.86	48.53
Ernakulam	65.97	70.08
Idukki	61.97	64.86
Kottayam	62.78	77.26
Alappuzha	53.99	65.81
Pathanamthitta	60.77	72.11
Kollam	61.11	57.31
Thiruvananthapuram	61.90	69.10



# 4



## **DETAILS OF PARTICIPATION AND EXPENDITURE IN EDUCATION**

## DETAILS OF PARTICIPATION AND EXPENDITURE IN EDUCATION

**4.0.0** The prime objective of this survey was to analyze the Participation and Expenditure in the current education system. Persons of age 5-29 years are mainly focused for this, as they are considered to be the main users of the formal education system. This chapter mainly discussed with the participation of above discussed students by means of different kinds of indicators. The educational incentives received, expenditure incurred for education and the extent of educational wastage in the form of discontinuance were clearly pictured in this chapter in different sections.

### 4.0 Participation in Education

**4.0.1** In this survey the detailed information on participation in Education are collected from each 'student' in the surveyed households. The detailed particulars of participation in education

- by the type of Education (general / vocational / technical )
- by the level of Education (primary, middle, secondary)
- by the type of institution (government /local body /private aided and unaided )

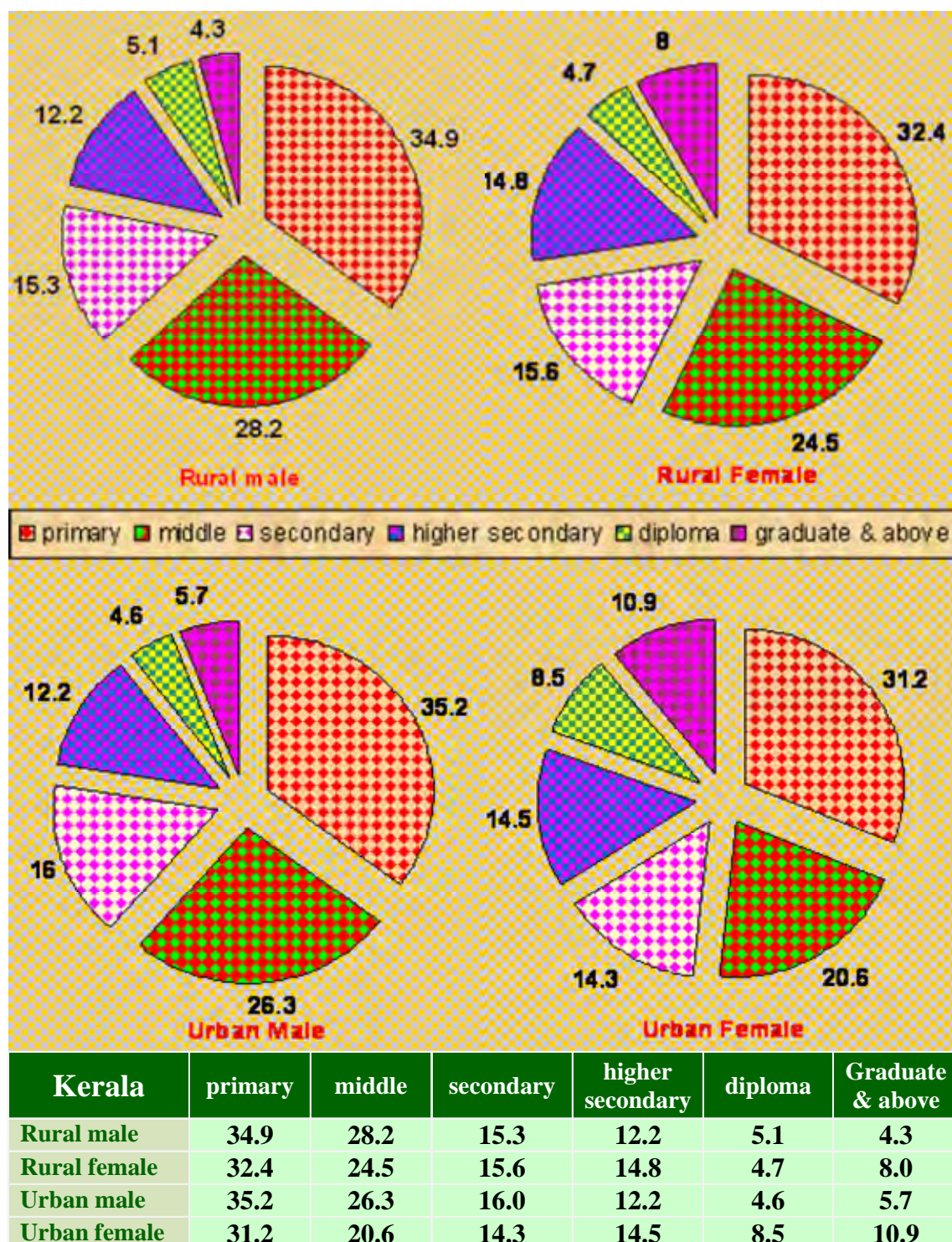
are covered in this chapter. The concept of attendance ratios discussed in this chapter brings out a clear picture of participation in Education.

### 4.1 Current attendance by level of education

**4.1.1** General education in Kerala is mainly divided in to primary, middle, secondary, higher secondary, diploma, graduate & above graduate level. The persons in the age group 5-29 years mainly falls in this stream. The distribution of students in this age group by level of current attendance is summarised separately

for the four category of population- rural male, rural female, urban male, urban female in the table 4.1.1 and is visualised in fig 4.1.1. Comparing with other states in India noticeably high proportion of students currently attending in different level of education in Kerala.

Fig 4.1.1 percentage distribution of students of age 5-29 years by level of current attendance



## 4.2 Attendance Ratios

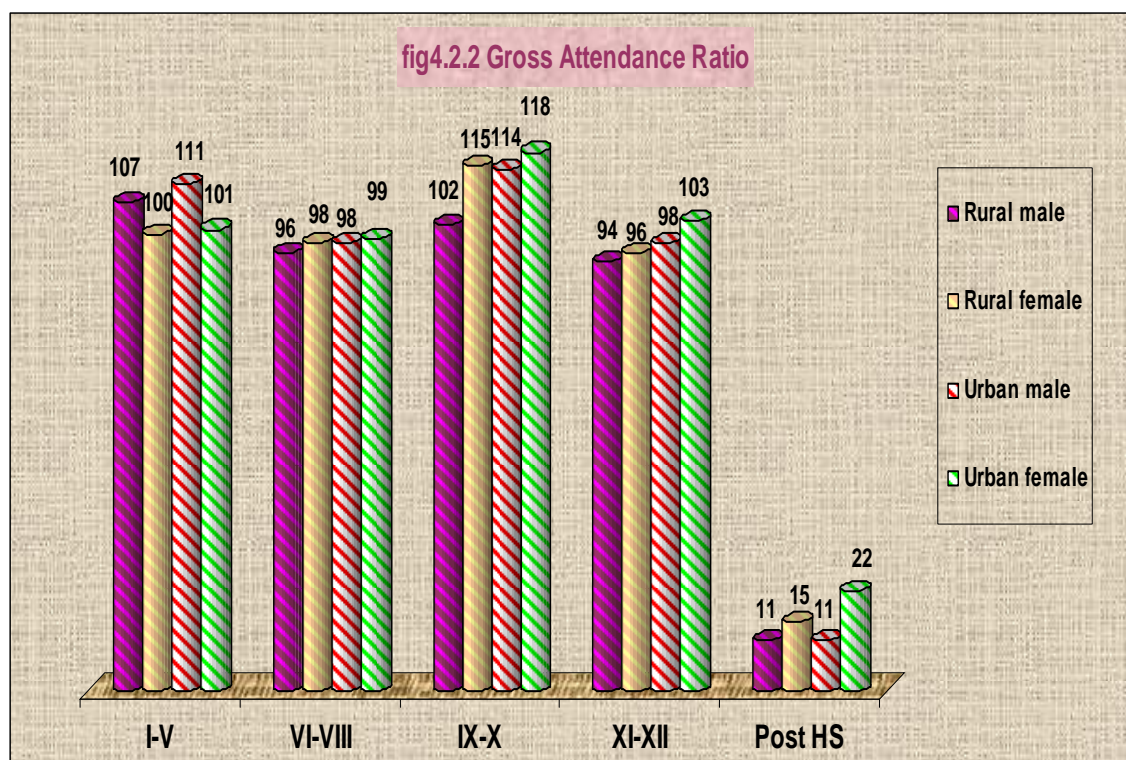
**4.2.1** Attendance ratios are taken as the major indicators of participation in education. A clear picture of proportion of a population attending in educational institutions will be obtained from this. *Gross Attendance Ratio*, *Age specific Attendance Ratio*, *Net Attendance Ratio* are the three principal indicators generated out of this survey, which plays a key role in official educational statistics.

### Gross attendance ratio (GAR)

**4.2.2** For each class group, GAR is the ratio of the number of persons in the class group to the number of persons in the age group. For example, for class group I-V the ratio is

$$= \frac{\text{Number of persons attending Classes I-V}}{\text{Estimated population in the age group 6-10 years}} \times 100$$

Here the denominator consists of all persons in the official age group, whether attending or not, while the numerator includes both the over aged and under aged students as long as they are studying in classes I to V hence the ratio worked out to more than 100 in some cases. Fig 4.2.2 presents the gross attendance ratios for four class groups of school education. Further it was observed that both the rural-urban and male female disparity in GAR increased in higher class groups.

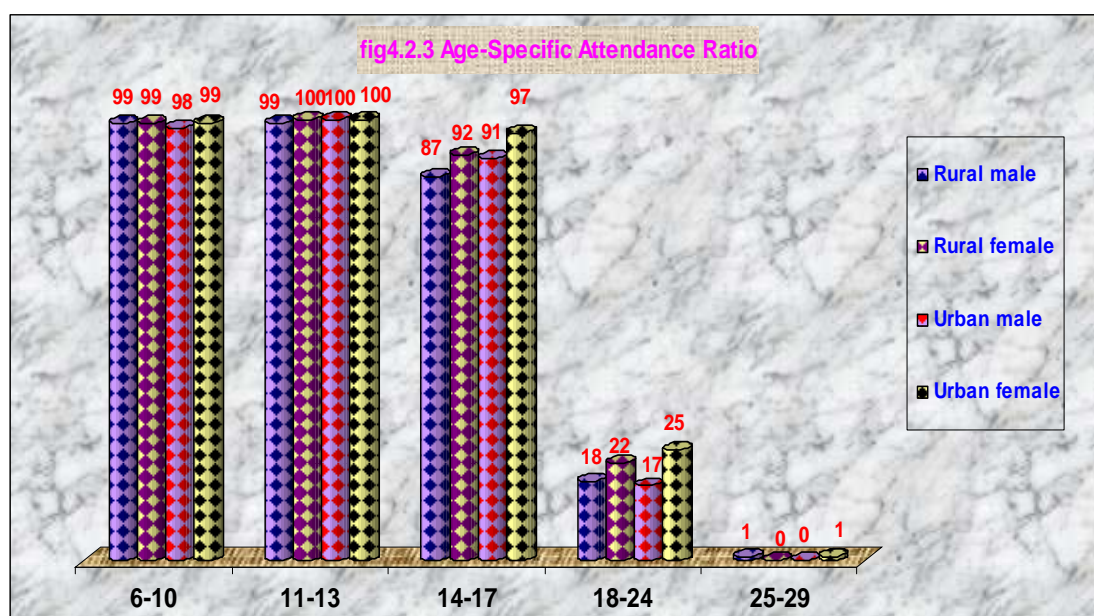


### Age-Specific Attendance Ratio (AAR)

4.2.3 For each age group, AAR is the ratio of the number of persons in a particular age group currently attending educational institutions to the total number of persons in that age group. For age group 6-10, the attendance ratio is

$$= \frac{\text{Number of persons in age-group 6-10 currently attending educational institutions}}{\text{Estimated population in the age group 6-10 years}} \times 100$$

For each age group this ratio gives an idea about the proportion of persons in that age group currently attending in educational institutions. Age specific attendance ratio for five different age groups are given in fig 4.2.3, which reveals the fact that for higher age groups AAR falling down rapidly.

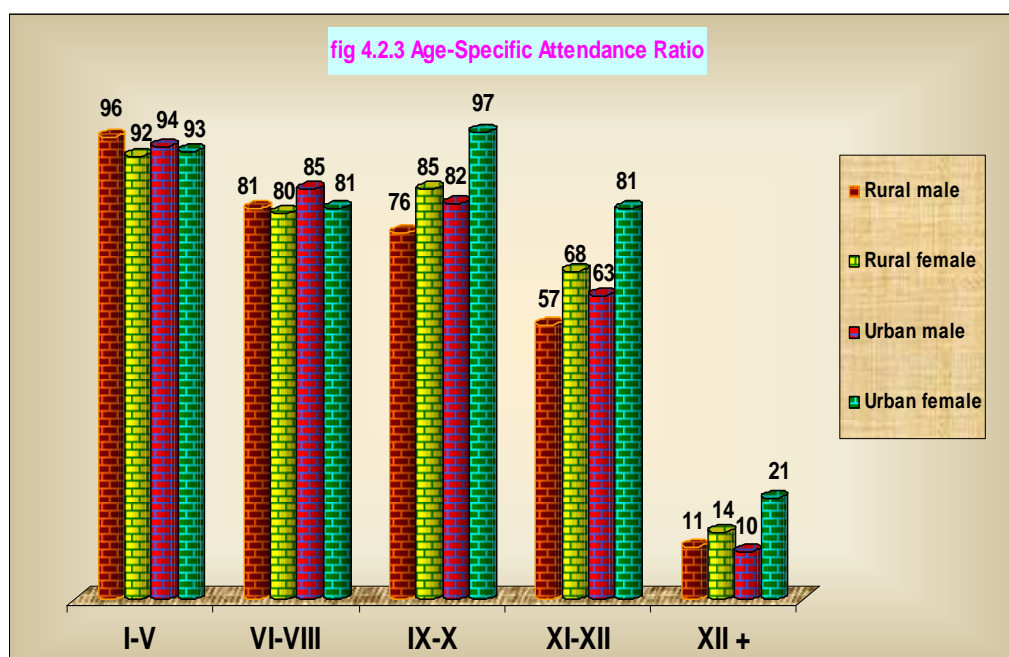


### Net attendance ratio (NAR)

4.2.4 For each education class group, NAR is the ratio of the number of persons in the official age group attending a particular class group to the total number of persons in the age group. For the class group I-V the ratio is,

$$= \frac{\text{Number of persons of age 6-10 years currently attending Classes I-V}}{\text{Estimated population in the age group 6-10 years}} \times 100$$

This indicator overcomes the deficiencies of both gross attendance ratio and age specific attendance ratio.



### 4.3 Current Attendance by type of Educational Institution

4.3.1 Depending upon the type of management, the educational institutions are mainly classified into i) government ii) local body iii) private body receiving aid from government and iv) private body not receiving aid from government. The survey results presented in table 4.3.1 brought out the fact that private aided and unaided institutions have inevitable role in the education system of Kerala, when comparing with the entire country.

**Table 4.3.1 Percentage distribution of currently attending students by type of institution attended**

Sector	Type of Institution	Primary	Middle	Secondary & HS
<b>Rural</b>	Govt.	39.8	40.1	37.9
	Local Body	0.60	0.5	1.8
	Pvt. Aided	36.3	45.4	42.8
	Pvt. Un Aided	23.3	14.0	17.5
	<b>All</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Urban</b>	Govt.	24.6	37.0	37.1
	Loal Boday	0.3	0.4	0.2
	Pvt. Aided	35.1	33.1	34.6
	Pvt. Un Aided	40.0	29.5	28.1
	<b>All</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

## 4.4 Educational Incentives

4.4.1 The various incentives received by students such as

- i) free education
- ii) scholarship
- iii) subsidised book or stationary
- iv) mid-day meal
- v) students concession in public transport etc;

strengthens the participation of students in education. As given in table 13 of Appendix A the proportion of students receiving free education is considerably high in Kerala, especially in government schools. In every cases where tuition fees is not required to be paid for any student of an institution up to a particular level are considered to be the instances of free education. Some students are awarded scholarships or stipends in cash as long as they continue their studies or are provided with free or subsidised books and/ or stationary as educational incentives. The mid-day meal facility and concession in public transport fare are the other two major incentives received by students in kerala. The proportion of students who reported having availed themselves of these incentives has been given table 4.4.1. For each district in kerala the similar pattern of informations are readily available from table 33 in Appendix A.

**Table 4.4.1 Percentage distribution of students receiving different types of incentives at different levels of education**

	Type of incentives	primary	middle	Secondary & HS	above HS	all
<b>Rural</b>	Scholarship	8.3	9.4	10.0	3.4	8.8
	Free/Subsidised book	40.6	35.1	7.7	1.4	26.6
	Free/Subsidised stationary	4.8	3.7	2.6	0.6	3.5
	Mid-day meals –from govt	69.4	56.0	8.1	0	42.7
	Mid-day meals –from others	0.5	0.3	0.3	0	0.4
	Mid-day meals – total	69.9	56.2	8.4	0	43.0
	Concession in public transport fare	8.1	17.2	49.4	80.9	27.7
<b>Urban</b>	Scholarship	7.3	8.3	8.4	1.6	7.4
	Free/Subsidised book	33.9	36.2	16.9	0.4	26.3
	Free/Subsidised stationary	5.4	5.7	9.0	0	6.2
	Mid-day meals –from govt	52.6	48.1	7.6	0	33.1
	Mid-day meals –from others	0.1	0.0	0.3	0	0.1
	Mid-day meals – total	52.7	48.1	7.9	0	33.3
	Concession in public transport fare	7.2	19.4	41.8	82.1	26.8

## 4.5 Private Expenditure on Education

**4.5.0** Education is the engine of economic growth and social change. It creates motivation for progress and brings revolution in the ideas necessary for the progress of the country. Government provides a number of incentives to increase the attendance status and from the survey results it can be observed that major section of students receive these incentives. But it is the fact that in order to access these incentives individuals attending educational institutions should incur expenditure in the form of payment of fees of different kinds, purchase of books, stationery and uniforms, expenses on conveyance, private coaching etc. This is referred to as private expenditure on education. The information obtained from the current survey on the average expenditure on education by i) the level of education ii) the type of education iii) components of education are summarised and analysed here.

## 4.6 Average expenditure on general education by the level of education

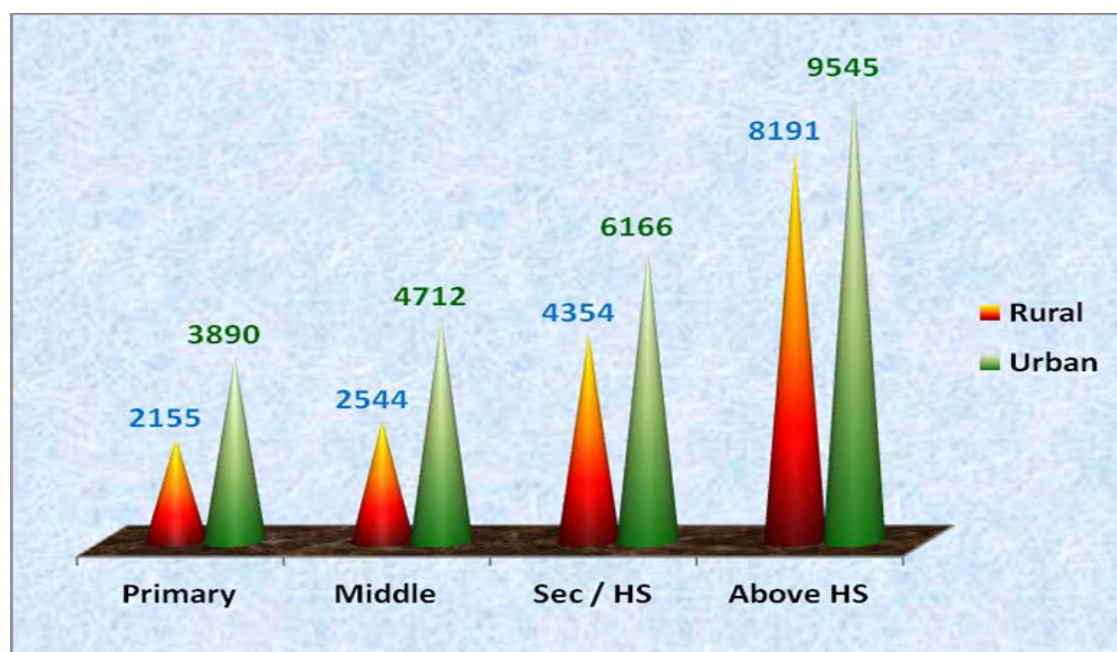
**4.6.1** Average expenditure per student of age 5-29 years pursuing general education by the level of education are summarised in table 4.6.1 and is presented fig 4.6.1. As expected in the expenditure matter a distinguishable disparity can be observed among the rural and urban areas. The rural - urban differentiation narrows down at the higher level of general education. Average expenditure per student in each district of Kerala is separately given on table 34 in Appendix A. The data indicates that the variation of expenditure in urban area is much higher than that of rural area.

**Table 4.6.1 Average expenditure per student on general education by the level of education**

Level of education	Rural	Urban	Rural + Urban
Primary	2155	3890	2623
Middle	2544	4712	2854
Sec / HS	4354	6166	4759
Above HS	8191	9545	8537



**Fig 4.6.1 Average expenditure per student on general education by the level of education**



**4.6.2** The educational stream of Kerala mainly consists of general, technical and vocational courses. Average expenditure per student in the age group 5-29 years for technical and vocational courses are found to be massive than that for the general courses. The average annual expenditure per student for technical courses are worked out to be Rs. 24246 for rural areas and Rs. 38759 for urban areas. For vocational courses the amounts worked out to be Rs. 12639 for rural areas and Rs.17695 for urban areas.

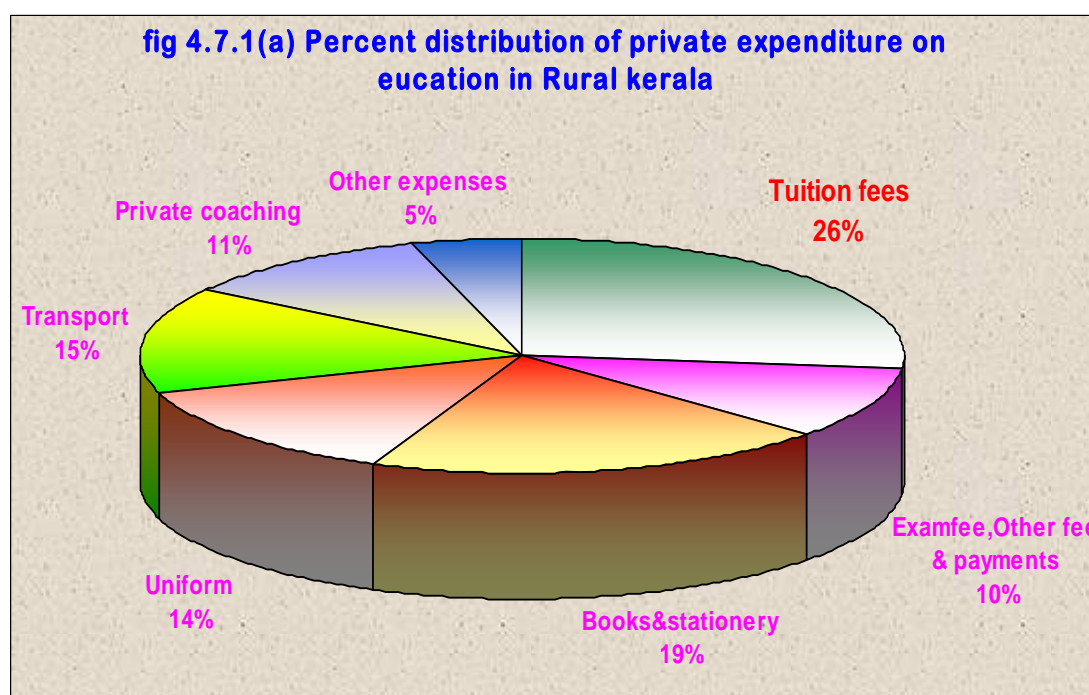
## 4.7 Components of private expenditure on education

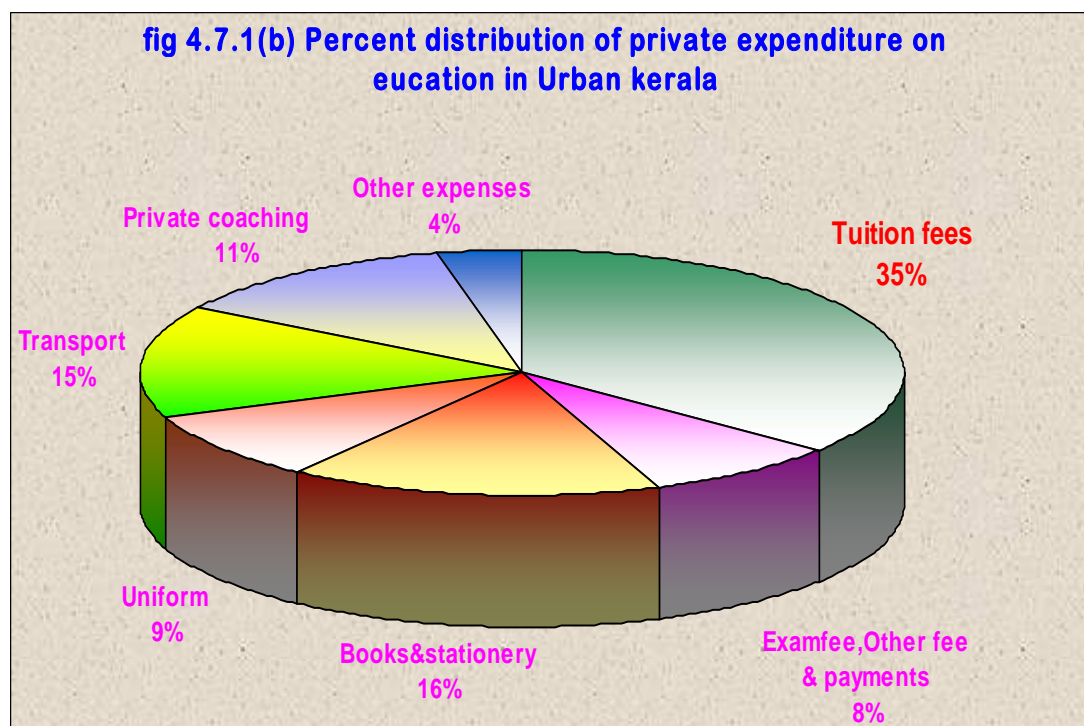
**4.7.1** The major components of private expenditure on general education are tuition fees, examination fees, other fees and payments, and expenditures on books, stationery, uniform, conveyance, private coaching etc. All the types and levels of education in major courses are taken into account for estimating the average expenditure on different items. The average expenditure on each and every of the above items are given separately for both rural and urban areas in table 4.7.1. It can be observed that one had to spend almost double of the amount in urban areas as tuition fees and private coaching fees compared to the rural areas in Kerala. For the state as a whole average expenditure on tuition fees (Rs.1099), other fees & payments (Rs.351), books & stationery (Rs.698), conveyance (Rs.545), uniform (Rs.455), private coaching (Rs.421), other expenses (Rs.165) are comparatively higher than the whole country level. This is

mainly due to the involvement of private institutions in education sector. The expenditure pie diagrams of rural and urban sectors were separately given in fig 4.7.1(a) & fig 4.7.1 (b) respectively.

**Table 4.7.1 : Average annual expenditure (Rs.) per student pursuing general education on various items of expenditure**

Item of expenditure	Rural			Urban			Rural + Urban		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Tuition fees	840	930	882	1804	1971	1886	1041	1163	1099
Examfee,Other fee & payments	249	422	330	417	439	428	284	426	351
Books&stationery	633	693	661	825	842	833	673	726	698
Uniform	450	445	448	491	472	482	459	451	455
Transport	437	533	482	750	798	774	502	592	545
Private coaching	343	366	354	705	620	663	419	423	421
Other expenses	149	171	159	154	218	185	150	182	165
Total	3101	3560	3315	5147	5359	5251	3527	3963	3733





**4.7.2** Fig 4.7.1(a) brought out the fact that in rural sector tuition fees, exam fees other fees & payments contributes 36% of the whole expenditure. Books & stationery (19%), conveyance (15%), uniform (14%) were the other major sharers in the private expenditure. Whereas in urban sector from fig 4.7.1 (b) it can be observed that nearly half of the total expenditure (43%) was contributed by tuition fees, exam fee, other fees & payments. Here books & stationery (16%), conveyance (15%), private coaching fees (11%) emerged as the other major components in the whole expenditure.

**4.7.3** The information from tables 22 & 23 in Appendix A reveals that the tuition fees alone contributes more than half of the total average expenditure per student in technical/professional and vocational education. The survey results indicate that average expenditure per student in the above two fields of education is almost ten times larger than in general education field.

**4.7.4** The average annual expenditure per student pursuing general education in various districts of Kerala were presented on table 34 in Appendix A. The average expenditure found to be comparatively higher in Trivandrum & Ernakulam Districts whereas the low rates are recorded in Malappuram & Kasaragod districts.

## 4.8 Average expenditure on general education for each type of institution

**4.8.1** The different type of institutions mainly participating in the general education process are of four types i) govt ii) local body iii) private aided iv) private unaided. The survey results indicates that the involvement of private institutions (aided & unaided) in the field of education had increased the educational expenditure. The disparity on average annual expenditure in different types of institutions can be easily observed from table 21 in AppendixA. In rural sector the average annual expenditure in government/local body institutions is Rs.1845 and that in private aided is Rs.2713; on the same time the expenditure was found to be Rs.7447 in private unaided institutions. in urban sector the same difference exists in an increased sense. The summarised informations were presented in table 4.8.1 below.

**Table 4.8.1 Average annual expenditure (Rs) per student pursuing general education for each type of education**

Kerala	Rural	urban
Government & local body	1845	2474
Private Aided	2713	3299
Private Un aided	7447	9920

**4.8.2** Throughout this report the average annual expenditure was worked out over all the attending students in a particular population category. However, not all of them incur expenditure on each item of education. The average annual expenditure per *reporting student* were separately given on tables 24 & 25 in Appendix A.

## 4.9 The education discontinued population – reasons for discontinuance or dropping out

**4.9.1** Despite of the exceptional achievements of Kerala in the field of Education; the problem of discountinuance / drop outs remains as an unsolvable problem. In this report, discountinuance refers to a state of a person who has enrolled at some time in the past but currently not attending in any educational institution at the time of the survey. Table 4.9.1 provides the major reasons for discountinuity in rural and urban sectors of Kerala.

**Table 4.9.1 : Percentage distribution of discontinued persons of age 5-29 years by major reason for discontinuance**

major reason for discontinuance	Rural	Urban
Parent not interested in studies	11.5	4.4
School is far off	3.5	0
For participating in other economic activities	1.1	6.3
To attend domestic chores	18.6	0
Financial constraints	8.0	3.6
For helping in household enterprises	1.0	0
No tradition in the community	3.8	0
Education not considered necessary	9.6	13.4
Others (including marriage)	42.9	72.3

**4.9.2** The survey results indicates that the reasons for discontinuance are almost same in both rural and urban areas, but a sectorwise difference can be observed in the percentage. Inorder to rectify the problem of discontinuance the educational incentives like mid-day meals,scholarships and other financial compensations together with educational awareness programme should be go along with the general education system.

**APPENDIX**

**A**



**DETAILED TABLES**

**Table 1: Number of villages/blocks, households, total no. of persons, persons aged 5-29 years, persons aged 5-29 years currently attending any type of education, persons aged 5-29 years currently enrolled but not attending in any type of education and average household size, both surveyed and estimated**

Kerala	sample						average sample household size	estimated ('00)					average estimated household size
	villages / blocks	households	total no. of persons	persons aged 5-29 years	persons aged 5-29 years currently attending any type of education	persons aged 5-29 years currently enrolled but not attending in any type of education		households	total no. of persons	persons aged 5-29 years	persons aged 5-29 years currently attending any type of education	persons aged 5-29 years currently enrolled but not attending in any type of education	
<b>Rural</b>	356	2847	11883	4503	2403	788	4.17	56361	238539	93127	54226	1957	4.23
<b>Urban</b>	192	1535	6231	2320	1306	423	4.06	15965	63651	24244	15337	307	3.99
<b>All</b>	548	4382	18114	6823	3709	1211	4.13	72327	302191	117371	69563	2262	4.18

**Table 2: (Rural) Per 1000 distribution of households by distance from school having primary, upper primary and secondary level classes for each decile class**

distance from school	decile class of MPCE											no. of households		
	00 – 10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	n.r.	all	estimated (00)	sample
<b>Distance from School having Primary Level class</b>														
d <1km	670	600	592	543	522	513	595	495	576	625	0	571	32186	1694
1km ≤ d <2km	210	319	327	383	344	324	283	362	307	299	0	317	17884	850
2km ≤ d <3km	91	41	52	40	100	98	81	75	95	53	0	73	4140	192
3km ≤ d <5km	28	30	14	19	27	51	32	62	21	22	0	31	1766	88
d ≥ 5kms	0	10	15	15	8	15	9	6	2	0	0	7	386	23
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	1000	56361	2847
<b>Distance from School having Upper Primary Level class</b>														
d <1km	514	469	441	376	369	309	398	352	398	430	0	398	22450	1151
1km ≤ d <2km	271	304	365	388	404	374	376	342	369	360	0	360	20275	1007
2km ≤ d <3km	135	168	86	150	148	186	103	157	155	112	0	139	7855	398
3km ≤ d <5km	80	45	94	65	62	115	112	129	67	92	0	89	5050	247
d ≥ 5kms	0	14	15	21	16	17	12	20	10	6	0	13	722	44
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	1000	56361	2847
<b>Distance from School having Secondary Level class</b>														
d <1km	136	164	231	140	180	77	154	143	149	215	0	161	9081	501
1km ≤ d <2km	339	381	268	311	257	287	298	286	344	353	0	315	17774	868
2km ≤ d <3km	338	240	274	320	268	296	226	259	274	218	0	263	14850	732
3km ≤ d <5km	169	174	164	168	180	238	224	235	159	175	0	190	10737	513
d ≥ 5kms	18	42	63	61	114	103	98	77	74	38	0	39	3919	230
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	1000	56361	2847
estd ('00)	3079	3266	3729	4253	4394	5774	5514	7320	8348	10684	0	56361	xxx	xxx
sample	157	170	191	199	233	281	273	366	419	558	0	2847	xxx	xxx



**Table 2: Urban Per 1000 distribution of households by distance from school having primary, upper primary and secondary level classes for each decile class**

distance from school	decile class of MPCE											all	no. of households	
	00 – 10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	n.r.		estimated (00)	sample
<b>distance from school having primary level class</b>														
d <1km	758	681	697	691	670	524	669	669	702	802	0	694	11087	1089
1km ≤ d <2km	242	299	262	306	297	410	227	319	250	165	0	265	4238	360
2km ≤ d <3km	0	16	34	3	30	58	73	11	26	15	0	28	438	60
3km ≤ d <5km	0	4	6	0	2	8	28	0	22	17	0	13	196	20
d ≥ 5kms	0	0	1	0	1	0	2	0	0	0	0	0	6	5
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	1000	15965	1535
<b>distance from school having upper primary level class</b>														
d <1km	532	542	529	569	445	436	546	445	554	632	0	534	8527	799
1km ≤ d <2km	445	426	343	333	428	452	331	511	358	279	0	376	6005	542
2km ≤ d <3km	23	28	99	63	69	64	60	23	43	48	0	50	794	106
3km ≤ d <5km	0	4	6	32	51	49	55	21	43	38	0	36	577	70
d ≥ 5kms	0	0	23	3	7	0	8	0	3	2	0	4	62	17
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	1000	15965	1535
<b>distance from school having secondary level class</b>														
d <1km	331	242	345	254	258	208	280	249	291	332	0	282	4503	428
1km ≤ d <2km	474	415	302	394	384	258	410	304	392	419	0	374	5966	564
2km ≤ d <3km	83	156	192	152	139	236	155	295	185	152	0	182	2899	277
3km ≤ d <5km	102	138	132	195	199	276	137	115	114	86	0	140	2272	223
d ≥ 5kms	10	50	30	5	20	23	17	37	18	10	0	20	325	43
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	1000	15965	1535
estd ('00)	697	846	953	1082	1215	1772	1629	1806	2545	3421	0	15965	xxx	xxx
sample	61	79	108	98	137	175	154	151	240	332	0	1535	xxx	xxx

**Table 3: Rural (Male) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
5 or less	875	26	99	0	0	0	0	0	0	0	0	1000	10779	566
6-10	5	0	901	94	0	0	0	0	0	0	0	1000	10029	450
11-13	7	0	88	853	52	0	0	0	0	0	0	1000.	7227	310
14-15	0	0	4	194	780	22	0	0	0	0	0	.1000	4450	190
16-17	0	4	0	50	271	664	11	0	0	0	0	.1000	3680	172
18-24	1	1	4	64	260	320	216	58	66	9	0	1000	14056	689
25-29	0	0	13	116	397	278	74	14	77	31	0	1000	7219	407
30 and above	56	11	94	213	335	167	38	30	46	8	0	1000	58953	2980
5 and above	33	7	150	211	293	178	55	25	40	8	0	1000	106396	5236
7 and above	33	6	132	216	300	182	57	26	40	8	0	1000	103909	5121
15 and above	39	8	66	171	337	220	68	31	49	10	0	1000	85941	4336
all	110	8	141	193	267	162	51	23	36	7	0	1000	116393	5764
est. pers ('00)	12853	937	16450	22436	31124	18904	5882	2702	4259	846	0	116393	xx	xx
sample persons	681	49	774	1105	1544	928	282	137	218	46	0	5764	xx	xx

**Table 3: Rural (Female) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
5 or less	868	19	112	0	0	0	0	0	0	0	0	1000	9548	510
6-10	6	1	845	148	0	0	0	0	0	0	0	1000	8827	400
11-13	0	0	79	852	69	0	0	0	0	0	0	1000	5198	232
14-15	0	0	14	111	854	21	0	0	0	0	0	1000	3415	159
16-17	0	0	5	27	205	755	7	0	0	0	0	1000	3721	176
18-24	2	1	5	52	225	280	242	41	141	11	0	1000	14512	761
25-29	12	2	11	95	278	280	111	37	135	41	0	1000	9478	490
30 and above	115	18	116	222	281	148	41	12	40	7	0	1000	67446	3391
5 and above	71	11	145	202	255	173	65	15	53	9	0	1000	113130	5638
7 and above	72	11	130	206	260	177	66	16	54	9	0	1000	110993	5534
15 and above	82	13	83	173	280	203	76	18	62	11	0	1000	96777	4892
all	133	12	139	187	237	161	60	14	49	8	0	1000	122146	6119
est. pers ('00)	16244	1416	17026	22815	28888	19606	7348	1728	6038	1037	0	122146	xx	xx
sample persons	864	72	839	1111	1433	991	364	91	296	58	0	6119	xx	xx

**Table 3: Rural (All) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
5 or less	872	23	105	0	0	0	0	0	0	0	0	1000	20327	1076
6-10	5	1	875	119	0	0	0	0	0	0	0	1000	18856	850
11-13	4	0	84	853	59	0	0	0	0	0	0	1000	12425	542
14-15	0	0	8	158	812	21	0	0	0	0	0	1000	7865	349
16-17	0	2	3	39	238	710	9	0	0	0	0	1000	7402	348
18-24	1	1	5	58	242	300	229	49	104	10	0	1000	28568	1450
25-29	7	1	11	104	329	279	95	27	110	37	0	1000	16697	897
30 and above	88	14	106	218	306	157	40	20	43	8	0	1000	126399	6371
5 and above	53	9	147	206	273	175	60	20	46	9	0	1000	219526	10874
7 and above	53	9	131	211	279	179	62	21	47	9	0	1000	214902	10655
15 and above	61	10	75	172	307	211	72	24	56	10	0	1000	182718	9228
all	122	10	140	190	252	161	55	19	43	8	0	1000	238539	11883
est. pers ('00)	29097	2353	33476	45251	60012	38510	13230	4431	10297	1882	0	238539	xx	xx
sample persons	1545	121	1613	2216	2977	1919	646	228	514	104	0	11883	xx	xx

**Table 3: Urban (Male) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
5 or less	748	12	240	0	0	0	0	0	0	0	0	1000	3016	299
6-10	13	1	937	49	0	0	0	0	0	0	0	1000	2655	226
11-13	0	0	121	802	77	0	0	0	0	0	0	1000	1684	136
14-15	0	0	15	103	868	14	0	0	0	0	0	1000	1117	102
16-17	1	0	0	10	190	773	25	0	0	0	0	1000	963	81
18-24	4	0	13	47	180	377	230	38	103	8	0	1000	3590	370
25-29	0	0	1	123	228	351	95	54	93	56	0	1000	1766	213
30 and above	27	6	43	140	344	200	63	57	90	30	0	1000	15818	1579
5 and above	17	4	135	150	278	211	72	41	70	21	0	1000	27951	2736
7 and above	17	3	109	155	287	218	74	42	72	22	0	1000	27093	2663
15 and above	20	4	32	116	317	260	89	50	86	26	0	1000	22708	2295
all	89	4	136	137	254	193	66	37	64	19	0	1000	30607	3006
est. pers ('00)	2732	131	4165	4204	7764	5904	2010	1137	1963	597	0	30607	xx	xx
sample persons	280	12	395	398	766	563	199	99	222	72	0	3006	xx	xx

**Table 3: Urban (Female) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
5 or less	804	1	195	0	0	0	0	0	0	0	0	1000	2479	256
6-10	7	0	887	107	0	0	0	0	0	0	0	1000	2542	224
11-13	0	0	62	828	110	0	0	0	0	0	0	1000	1313	123
14-15	0	4	4	34	908	50	0	0	0	0	0	1000	795	76
16-17	0	0	0	3	153	845	0	0	0	0	0	1000	1018	87
18-24	2	0	1	18	149	223	373	36	179	19	0	1000	3777	377
25-29	8	0	9	79	215	228	169	23	194	75	0	1000	2394	254
30 and above	75	8	73	171	268	191	61	15	114	22	0	1000	18727	1828
5 and above	47	5	129	157	231	190	96	16	106	21	0	1000	30838	2991
7 and above	48	5	110	161	236	195	98	16	108	22	0	1000	30169	2925
15 and above	54	6	52	131	254	222	112	18	124	25	0	1000	26410	2588
all	104	5	127	147	216	178	89	15	99	20	0	1000	33044	3225
est. pers ('00)	3439	162	4207	4851	7125	5872	2955	480	3294	657	0	33044	xx	xx
sample persons	363	20	389	494	728	562	273	50	286	60	0	3225	xx	xx

**Table 3: Urban (All) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
5 or less	773	7	220	0	0	0	0	0	0	0	0	1000	5494	555
6-10	10	1	912	77	0	0	0	0	0	0	0	1000	5197	450
11-13	0	0	95	813	91	0	0	0	0	0	0	1000	2997	259
14-15	0	2	10	74	885	29	0	0	0	0	0	1000	1911	178
16-17	1	0	0	6	171	810	12	0	0	0	0	1000	1981	168
18-24	3	0	7	32	164	298	303	37	142	14	0	1000	7367	747
25-29	5	0	5	98	220	280	138	36	151	67	0	1000	4160	467
30 and above	53	7	59	157	303	195	62	35	103	25	0	1000	34545	3407
5 and above	33	5	132	154	253	200	84	28	89	21	0	1000	58789	5727
7 and above	33	4	110	158	260	206	87	28	91	22	0	1000	57262	5588
15 and above	38	5	43	124	283	240	101	33	106	26	0	1000	49118	4883
all	97	5	132	142	234	185	78	25	82	20	0	1000	63651	6231
est. pers ('00)	6171	293	8372	9054	14889	11777	4965	1617	5247	1253	0	63651	xx	xx
sample persons	643	32	784	892	1494	1125	472	149	508	132	0	6231	xx	xx

**Table 3: Male (All) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
5 or less	847	23	130	0	0	0	0	0	0	0	0	1000	13795	865
6-10	7	0	909	84	0	0	0	0	0	0	0	1000	12683	676
11-13	6	0	94	843	57	0	0	0	0	0	0	1000	8911	446
14-15	0	0	6	176	798	20	0	0	0	0	0	1000	5567	292
16-17	0	3	0	42	254	686	14	0	0	0	0	1000	4643	253
18-24	1	1	6	61	244	332	219	54	74	9	0	1000	17647	1059
25-29	0	0	10	117	364	292	78	22	80	36	0	1000	8985	620
30 and above	50	10	83	197	337	174	44	36	55	13	0	1000	74771	4559
5 and above	30	6	147	198	289	185	59	29	46	11	0	1000	134347	7972
7 and above	30	6	127	203	297	189	60	29	47	11	0	1000	131002	7784
15 and above	35	7	59	159	333	228	73	35	57	13	0	1000	108649	6631
all	106	7	140	181	265	169	54	26	42	10	0	1000	147001	8770
est. pers ('00)	15585	1068	20615	26640	38888	24808	7892	3839	6222	1442	0	147001	xx	xx
sample persons	961	61	1169	1503	2310	1491	481	236	440	118	0	8770	xx	xx



**Table 3: Female (All) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
5 or less	855	16	129	0	0	0	0	0	0	0	0	1000	12027	766
6-10	6	1	855	139	0	0	0	0	0	0	0	1000	11369	624
11-13	0	0	75	847	78	0	0	0	0	0	0	1000	6511	355
14-15	0	1	12	97	864	26	0	0	0	0	0	1000	4209	235
16-17	0	0	4	22	194	774	6	0	0	0	0	1000	4740	263
18-24	2	1	4	45	209	269	269	40	149	13	0	1000	18289	1138
25-29	11	1	10	91	265	270	123	34	147	48	0	1000	11872	744
30 and above	106	16	107	211	278	158	45	12	56	10	0	1000	86173	5219
5 and above	66	10	142	192	250	177	72	15	64	12	0	1000	143968	8629
7 and above	66	10	125	196	255	180	73	16	66	12	0	1000	141162	8459
15 and above	76	11	77	164	275	207	84	18	75	14	0	1000	123187	7480
all	127	10	137	178	232	164	66	14	60	11	0	1000	155190	9344
est. pers ('00)	19683	1578	21233	27666	36013	25478	10303	2209	9332	1693	0	155190	xx	xx
sample persons	1227	92	1228	1605	2161	1553	637	141	582	118	0	9344	xx	xx

**Table 3: All (All) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
5 or less	851	20	129	0	0	0	0	0	0	0	0	1000	25822	1631
6-10	6	1	883	110	0	0	0	0	0	0	0	1000	24052	1300
11-13	3	0	86	845	65	0	0	0	0	0	0	1000	15422	801
14-15	0	0	9	142	826	23	0	0	0	0	0	1000	9776	527
16-17	0	2	2	32	224	731	10	0	0	0	0	1000	9383	516
18-24	2	1	5	52	226	300	244	47	112	11	0	1000	35935	2197
25-29	6	1	10	103	308	279	104	29	118	43	0	1000	20857	1364
30 and above	80	13	96	205	306	165	44	23	56	11	0	1000	160944	9778
5 and above	49	8	144	195	269	181	65	22	55	11	0	1000	278315	16601
7 and above	49	8	126	200	275	185	67	22	57	12	0	1000	272164	16243
15 and above	57	9	69	162	302	217	78	26	67	14	0	1000	231836	14111
all	117	9	138	180	248	166	60	20	51	10	0	1000	302191	18114
est. pers ('00)	35268	2646	41848	54306	74901	50287	18195	6048	15544	3136	0	302191	xx	xx
sample persons	2188	153	2397	3108	4471	3044	1118	377	1022	236	0	18114	xx	xx

**Table 4: Rural (Male) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
0-10	161	27	158	211	277	111	39	8	5	4	0	1000	8564	425
10-20	129	14	185	248	276	102	23	5	10	8	0	1000	9160	461
20-30	134	6	180	210	264	139	30	23	12	2	0	1000	9396	487
30-40	164	9	161	200	264	147	21	7	28	1	0	1000	10469	474
40-50	120	6	137	207	315	152	21	12	28	3	0	1000	10354	533
50-60	104	2	147	203	298	176	44	10	15	2	0	1000	11965	575
60-70	120	2	161	172	256	165	59	28	30	6	0	1000	12306	601
70-80	109	7	112	178	289	181	61	21	36	8	0	1000	13914	700
80-90	75	7	141	196	258	168	78	24	45	7	0	1000	14053	693
90-100	49	7	82	147	207	221	88	67	105	24	0	1000	16213	815
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all	110	8	141	193	267	162	51	23	36	7	0	1000	116393	5764
est. pers ('00)	12853	937	16450	22436	31124	18904	5882	2702	4259	846	0	116393	xx	xx
sample persons	681	49	774	1105	1544	928	282	137	218	46	0	5764	xx	xx

**Table 4: Rural (Female) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
0-10	202	20	133	217	226	132	44	6	18	1	0	1000	9400	467
10-20	196	14	119	235	246	130	31	2	18	9	0	1000	9189	466
20-30	174	13	179	208	214	125	33	10	35	9	0	1000	10434	522
30-40	166	6	144	198	244	149	40	15	32	6	0	1000	10796	497
40-50	159	8	162	206	225	137	52	15	34	3	0	1000	11076	592
50-60	135	9	158	188	239	163	58	6	41	3	0	1000	12761	617
60-70	131	17	143	164	265	169	66	13	32	1	0	1000	12071	608
70-80	110	13	143	176	231	176	58	21	68	3	0	1000	13732	689
80-90	84	10	125	172	260	172	77	18	67	15	0	1000	15892	792
90-100	61	9	106	149	215	206	104	25	98	26	0	1000	16795	869
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all	133	12	139	187	237	161	60	14	49	8	0	1000	122146	6119
est. pers ('00)	16244	1416	17026	22815	28888	19606	7348	1728	6038	1037	0	122146	xx	xx
sample persons	864	72	839	1111	1433	991	364	91	296	58	0	6119	xx	xx

**Table 4: Rural (All) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
0-10	183	23	145	215	250	122	41	7	12	2	0	1000	17964	892
10-20	162	14	152	241	261	116	27	3	14	8	0	1000	18349	927
20-30	155	9	179	209	238	132	32	16	24	6	0	1000	19829	1009
30-40	165	7	152	199	254	148	31	11	30	3	0	1000	21265	971
40-50	140	7	150	206	269	144	37	14	31	3	0	1000	21430	1125
50-60	120	6	153	195	268	169	51	8	28	2	0	1000	24726	1192
60-70	125	10	152	168	261	167	62	21	31	3	0	1000	24377	1209
70-80	109	10	128	177	260	178	60	21	52	5	0	1000	27646	1389
80-90	80	9	133	183	259	170	77	21	57	11	0	1000	29944	1485
90-100	55	8	94	148	211	214	96	46	101	25	0	1000	33008	1684
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all	122	10	140	190	252	161	55	19	43	8	0	1000	238539	11883
est. pers ('00)	29097	2353	33476	45251	60012	38510	13230	4431	10297	1882	0	238539	xx	xx
sample persons	1545	121	1613	2216	2977	1919	646	228	514	104	0	11883	xx	xx

**Table 4: Urban (Male) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
0-10	109	8	155	259	276	131	23	13	27	0	0	1000	2103	207
10-20	125	0	163	203	317	151	29	0	11	0	0	1000	2183	206
20-30	138	3	200	118	299	168	42	18	7	7	0	1000	2483	267
30-40	66	14	140	162	318	233	39	6	18	0	0	1000	2426	233
40-50	125	3	138	127	247	216	70	24	43	7	0	1000	2841	329
50-60	67	1	108	139	344	208	43	27	25	9	0	1000	3398	345
60-70	55	13	192	125	287	137	101	24	57	9	0	1000	3125	294
70-80	98	0	183	122	244	185	65	45	46	11	0	1000	3414	281
80-90	74	4	71	114	175	259	98	86	107	13	0	1000	4035	398
90-100	50	2	82	94	147	194	91	69	183	89	0	1000	4598	446
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all	89	4	136	137	254	193	66	37	64	19	0	1000	30607	3006
est. pers ('00)	2732	131	4165	4204	7764	5904	2010	1137	1963	597	0	30607	xx	xx
sample persons	280	12	395	398	766	563	199	99	222	72	0	3006	xx	xx

**Table 4: Urban (Female) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
0-10	131	6	163	179	271	152	50	3	42	3	0	1000	2105	197
10-20	115	4	121	209	308	162	51	6	24	0	0	1000	2596	236
20-30	157	10	125	191	223	161	55	1	71	6	0	1000	2556	290
30-40	118	6	96	166	297	164	110	4	20	17	0	1000	2738	258
40-50	122	3	143	143	260	151	87	18	63	10	0	1000	2987	343
50-60	135	3	168	132	216	190	101	4	50	1	0	1000	3332	352
60-70	122	9	156	157	208	183	62	6	94	4	0	1000	3968	325
70-80	94	0	149	144	206	186	77	15	112	15	0	1000	3746	313
80-90	76	9	110	116	187	206	93	27	146	30	0	1000	4225	418
90-100	40	1	75	101	108	187	152	36	225	71	0	1000	5060	493
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all	104	5	127	147	216	178	89	15	99	20	0	1000	33044	3225
est. pers ('00)	3439	162	4207	4851	7125	5872	2955	480	3294	657	0	33044	xx	xx
sample persons	363	20	389	494	728	562	273	50	286	60	0	3225	xx	xx

**Table 4: Urban (All) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
0-10	120	7	159	219	274	141	36	8	34	1	0	1000	4208	404
10-20	120	2	140	206	312	157	41	3	18	0	0	1000	4779	442
20-30	148	6	162	155	260	164	49	9	40	7	0	1000	5039	557
30-40	94	10	117	164	307	196	76	5	19	9	0	1000	5165	491
40-50	124	3	140	135	254	183	79	21	53	9	0	1000	5828	672
50-60	116	2	138	135	281	199	71	16	38	5	0	1000	6730	697
60-70	91	11	172	142	244	162	80	14	77	6	0	1000	6824	619
70-80	96	0	165	134	224	186	71	30	80	13	0	1000	7160	594
80-90	75	6	91	115	181	232	95	55	127	22	0	1000	8261	816
90-100	45	2	79	98	126	190	123	51	205	79	0	1000	9658	939
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all	97	5	132	142	234	185	78	25	82	20	0	1000	63651	6231
est. pers ('00)	6171	293	8372	9054	14889	11777	4965	1617	5247	1253	0	63651	xx	xx
sample persons	643	32	784	892	1494	1125	472	149	508	132	0	6231	xx	xx



**Table 4: All (Male) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
0-10	151	24	157	221	277	115	36	9	9	3	0	1000	10667	632
10-20	128	11	181	239	284	112	24	4	10	6	0	1000	11343	667
20-30	135	5	184	191	271	145	33	22	11	3	0	1000	11879	754
30-40	145	10	157	192	274	163	25	7	26	1	0	1000	12895	707
40-50	121	5	137	190	300	166	32	15	31	4	0	1000	13195	862
50-60	102	1	138	189	308	183	44	13	17	3	0	1000	15363	920
60-70	107	5	167	163	263	160	67	27	36	6	0	1000	15431	895
70-80	107	6	126	167	280	181	62	26	38	8	0	1000	17328	981
80-90	75	6	126	178	139	188	82	38	59	8	0	1000	18088	1091
90-100	50	6	82	135	194	215	89	67	122	38	0	1000	20811	1261
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all	106	7	140	181	265	169	54	26	42	10	0	1000	147001	8770
est. pers ('00)	15585	1068	20615	26640	38888	24808	7892	3839	6222	1442	0	147001	xx	xx
sample persons	961	61	1169	1503	2310	1491	481	236	440	118	0	8770	xx	xx

**Table 4: All (Female) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
0-10	189	17	139	210	234	136	45	5	22	2	0	1000	11505	664
10-20	178	12	119	229	260	137	35	3	20	7	0	1000	11785	702
20-30	171	12	168	204	216	132	37	8	42	9	0	1000	12990	812
30-40	156	6	134	192	255	152	54	13	30	8	0	1000	13535	755
40-50	151	7	158	192	232	140	59	16	40	4	0	1000	14063	935
50-60	135	8	160	176	234	169	67	6	43	2	0	1000	16093	969
60-70	129	15	146	162	251	172	65	11	47	1	0	1000	15770	933
70-80	107	11	145	169	225	178	62	20	78	6	0	1000	17478	1002
80-90	82	10	122	161	244	179	80	20	84	18	0	1000	20117	1210
90-100	56	7	99	138	190	201	115	27	127	36	0	1000	21855	1362
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all	127	10	137	178	232	164	66	14	60	11	0	1000	155190	9344
est. pers ('00)	19683	1578	21233	27666	36013	25478	10303	2209	9332	1693	0	155190	xx	xx
sample persons	1227	92	1228	1605	2161	1553	637	141	582	118	0	9344	xx	xx

**Table 4: All (All) - Per 1000 distribution of persons by level of education for each age-group**

age-group	level of education												persons	
	Not literate	literate without formal schooling	below primary	primary	middle	secondary	higher secondary	diploma / certificate	graduate	post graduate & above	n.r.	total@	estd ('00)	sample
0-10	171	20	148	215	255	126	40	7	16	2	0	1000	22172	1296
10-20	154	12	149	234	271	125	30	3	15	6	0	1000	23128	1369
20-30	154	9	176	198	242	138	35	15	27	6	0	1000	24868	1566
30-40	151	8	145	192	264	158	40	10	28	5	0	1000	26430	1462
40-50	137	6	148	191	265	153	46	16	36	4	0	1000	27258	1797
50-60	119	5	149	182	271	176	55	9	30	3	0	1000	31456	1889
60-70	118	10	157	162	257	166	66	19	41	4	0	1000	31201	1828
70-80	107	8	135	168	253	180	62	23	58	7	0	1000	34806	1983
80-90	79	8	124	169	242	183	81	28	72	13	0	1000	38205	2301
90-100	53	7	91	137	192	208	102	47	125	37	0	1000	42665	2623
n.r.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all	117	9	138	180	248	166	60	20	51	10	0	1000	302191	18114
est. pers ('00)	35268	2646	41848	54306	74901	50287	18195	6048	15544	3136	0	302191	xx	xx
sample persons	2188	153	2397	3108	4471	3044	1118	377	1022	236	0	18114	xx	xx

**Table 5 : Per 1000 distribution of persons of age 5-29 years by current attendance and current enrolment status in Kerala**

Rural	current attendance/ enrolment status																N.R.	total
	not attending								attending in									
	Not Enrolled	enrolled in							Non-Formal	Pre Primary	Primary	Upper Primary	Secondary	Higher Sec.	Post HS			
		Non Formal	Pre Primary	Primary	Upper Primary	Secondary	Higher Sec.	Post HS										
	248	0	0	3	20	79	37	29	1	6	195	152	89	78	63	0	1000	
estd. persons aged 5-29 years (00)	23139	0	0	247	1849	7323	3484	2674	65	514	18126	14201	8291	7244	5970	0	93127	
sample persons aged 5-29 years	1300	0	0	16	108	366	156	142	4	29	821	615	365	317	264	0	4503	

**Table 5 : Per 1000 distribution of persons of age 5-29 years by current attendance and current enrolment status in Kerala**

Urban	current attendance/ enrolment status																	
	not attending								attending in								n.r.	total
	Not Enrolled	enrolled in							Non-Formal	Pre Primary	Primary	Upper Primary	Secondary	Higher Sec.	Post HS			
		Non Formal	Pre Primary	Primary	Upper Primary	Secondary	Higher Sec.	Post HS										
	201	0	0	5	18	71	33	35	0	8	224	125	94	91	94	0	1000	
estd. persons aged 5-29 years (00)	4868	0	7	124	432	1733	799	859	0	193	5438	3024	2272	2202	2291	0	24244	
sample persons aged 5-29 years	587	0	1	12	56	182	75	97	0	19	477	257	200	173	184	0	2320	

**Table 5 : Per 1000 distribution of persons of age 5-29 years by current attendance and current enrolment status in Kerala**

All	current attendance/ enrolment status																n.r.	total
	not attending								attending in									
	Not Enrolled	enrolled in							Non-Formal	Pre Primary	Primary	Upper Primary	Secondary	Higher Sec.	Post HS			
		Non Formal	Pre Primary	Primary	Upper Primary	Secondary	Higher Sec.	Post HS										
	239	0	0	3	19	77	36	30	1	6	201	147	90	80	70	0	1000	
estd. persons aged 5-29 years (00)	28007	0	7	372	2281	9056	4282	3534	65	708	23563	17225	10564	9447	8261	0	117371	
sample persons aged 5-29 years	1887	0	1	28	164	548	231	239	4	48	1298	872	565	490	448	0	6823	

**Table 6: (Rural) Per 1000 distribution of persons of age 5-29 years by current attendance and current enrolment status for each decile class in MPCE**

decile-classes in MPCE (for persons aged 5-29 years)	current attendance/ enrolment status																	persons aged 5-29 years		
	not attending								attending in								n. r.	Total	estd(00)	sample
	Not Enrolled	enrolled in							Non Formal	Pre Primary	Primary	Upper Primary	Secondary	Higher Secondary	Post HS					
	Non Formal	Pre Primary	Primary	Upper Primary	Secondary	Higher Secondary	Post HS	Non Formal	Pre Primary	Primary	Upper Primary	Secondary	Higher Secondary	Post HS						
0-10	326	0	0	0	9	58	64	11	0	12	229	81	151	40	19	0	1000	7159	354	
10-20	216	0	0	0	34	129	33	10	0	8	254	98	154	23	19	0	1000	7459	366	
20-30	266	0	0	3	10	101	18	11	0	10	245	91	188	20	36	0	1000	8052	404	
30-40	264	0	0	2	15	82	81	44	0	1	230	69	127	67	17	0	1000	8676	380	
40-50	290	0	0	8	38	109	14	10	0	4	198	75	151	54	49	0	1000	8763	442	
50-60	260	0	0	0	30	69	55	16	0	5	191	90	152	75	57	0	1000	9964	471	
60-70	230	0	0	5	20	103	27	30	0	4	195	86	134	83	83	0	1000	10388	493	
70-80	257	0	0	2	28	75	23	34	1	4	137	87	147	104	95	0	1000	10450	527	
80-90	227	0	0	4	14	60	37	41	3	5	182	95	148	108	102	0	1000	10984	530	
90-100	184	0	0	1	2	23	31	62	1	4	135	111	177	141	125	0	1000	11231	536	
n.r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
all	248	0	0	3	20	79	37	29	1	6	195	152	89	78	64	0	1000	93127	4503	
estd. persons aged 5-29 years (00)	23139	0	0	247	1849	7323	3484	2674	65	514	18126	14201	8291	7244	5970	0	93127	xxx	xxx	
sample persons aged 5-29 years	1300	0	0	16	108	366	156	142	4	29	821	615	365	317	264	0	4503	xxx	xxx	

**Table 6: (Urban) Per 1000 distribution of persons of age 5-29 years by current attendance and current enrolment status for each decile class in MPCE**

decile-classes in MPCE (for persons aged 5-29 years)	current attendance/ enrolment status																	persons aged 5-29 years		
	not attending								attending in								n. r.	Total	estd(00)	sample
	Not Enrolled	Non Formal	Pre Primary	Primary	Upper Primary	Secondary	Higher Secondary	Post HS	Non Formal	Pre Primary	Primary	Upper Primary	Secondary	Higher Secondary	Post HS					
0-10	227	0	0	11	8	147	79	26	0	5	249	115	47	29	58	0	1000	1958	187	
10-20	128	0	0	2	71	147	77	0	0	19	239	80	89	69	78	0	1000	1980	180	
20-30	206	0	4	0	25	122	27	46	0	9	275	111	89	55	31	0	1000	1861	213	
30-40	125	0	0	15	27	161	35	29	0	14	159	139	94	96	106	0	1000	2185	210	
40-50	266	0	0	7	30	89	45	50	0	0	211	84	81	58	78	0	1000	2195	252	
50-60	202	0	0	2	7	63	46	41	0	9	224	103	116	70	117	0	1000	2569	264	
60-70	205	0	0	7	17	27	23	40	0	0	318	87	133	49	85	0	1000	2402	225	
70-80	204	0	0	0	13	18	10	49	0	14	280	160	76	97	80	0	1000	2766	271	
80-90	259	0	0	8	0	28	7	20	0	4	175	155	102	147	94	0	1000	3047	277	
90-100	173	0	0	1	3	6	13	47	0	8	155	169	97	169	147	0	1000	3280	291	
n.r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
all	201	0	0	5	18	71	33	35	0	8	224	125	94	91	94	0	1000	24244	2320	
estd. persons aged 5-29 years (00)	4868	0	7	124	432	1733	799	859	0	193	5438	3024	2272	2202	2291	0	24244	xxx	xxx	
sample persons aged 5-29 years	587	0	1	12	56	182	75	97	0	19	477	257	200	173	184	0	2320	xxx	xxx	



**Table 7: (Rural) Per 1000 distribution of persons of age 5-29 years by current attendance and current enrolment status for each religion**

Religion	current attendance/ enrolment status																	persons aged 5-29 years		
	not attending								attending in								n. r.	Total	estd(00)	sample
	enrolled in								Non Formal	Pre Primary	Primary	Upper Primary	Secondary	Higher Secondary	Post HS					
	Not Enrolled	Non Formal	Pre Primary	Primary	Upper Primary	Secondary	Higher Secondary	Post HS												
Hinduism	268	0	0	3	18	73	34	36	0	5	181	146	89	72	74	0	1000	50200	2524	
Islam	230	0	0	2	23	103	41	12	0	6	201	164	88	84	45	0	1000	28328	1235	
Christianity	219	0	0	3	21	52	40	37	4	6	229	150	88	84	67	0	1000	14439	735	
N.R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All	248	0	0	3	20	79	37	29	1	6	195	152	89	78	64	0	1000	93127	4503	
estd. persons aged 5-29 years (00)	23139	0	0	247	1849	7323	3484	2674	65	514	18126	14201	8291	7244	5970	0	93127	xxx	xxx	
sample persons aged 5-29 years	1300	0	0	16	108	366	156	142	4	29	821	615	365	317	264	0	4503	xxx	xxx	

**Table 7: (Urban) Per 1000 distribution of persons of age 5-29 years by current attendance and current enrolment status for each religion**

Religion	current attendance/ enrolment status																	persons aged 5-29 years		
	not attending								attending in								N. R.	Total	estd(00)	sample
	Not Enrolled	enrolled in							Non Formal	Pre Primary	Primary	Upper Primary	Secondary	Higher Secondary	Post HS					
Non Formal		Pre Primary	Primary	Upper Primary	Secondary	Higher Secondary	Post HS													
Hinduism	182	0	0	2	9	62	47	54	0	5	213	120	97	87	121	0	1000	12661	1215	
Islam	239	0	1	7	40	116	24	13	0	12	229	118	89	81	33	0	1000	7499	754	
Christianity	188	0	0	11	5	18	6	20	0	9	253	151	93	121	126	0	1000	4064	348	
N.R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All	201	0	0	5	18	71	33	35	0	8	224	125	94	91	94	0	1000	24244	2320	
estd. persons aged 5-29 years (00)	4868	0	7	124	432	1733	799	859	0	193	5438	3024	2272	2202	2291	0	24244	xxx	xxx	
sample persons aged 5-29 years	587	0	1	12	56	182	75	97	0	19	477	257	200	173	184	0	2320	xxx	xxx	

**Table 8 (Rural) : Per 1000 distribution of students of age 5-29 years by level of current attendance**

Kerala	Level of current attendance										students aged 5-29 years	
	Primary	Middle	Secondary	Higher Secondary	Diploma (below graduation level)	Diploma (Graduation Level and above)	Degree (Graduation Level)	Degree (Post-Graduation Level and above)	n.r.	all		
											estd.(00)	sample
<b>Rural -Male</b>	349	282	153	122	39	12	35	8	0	1000	28615	1245
Estd. students aged 5-29 years (00)	9990	8069	4380	3507	1113	323	1007	227	0	28615	xxx	xxx
Sample students aged 5-29 years	442	350	185	154	48	13	42	11	0	1245	xxx	xxx
<b>Rural -Female</b>	304	245	156	149	33	14	58	22	0	1000	25032	1125
Estd. students aged 5-29 years (00)	8135	6132	3911	3738	782	349	1442	543	0	25032	xxx	xxx
Sample students aged 5-29 years	379	265	180	163	35	14	68	21	0	1125	xxx	xxx

**Table 8 (Urban): Per 1000 distribution of students of age 5-29 years by level of current attendance**

Kerala	Level of current attendance										students aged 5-29 years	
	Primary	Middle	Secondary	Higher Secondary	Diploma (below graduation level)	Diploma (Graduation Level and above)	Degree (Graduation Level)	Degree (Post-Graduation Level and above)	n.r.	all		
											estd.(00)	sample
<b>Urban -Male</b>	355	263	167	122	33	13	50	7	0	1000	7640	648
Estd. students aged 5-29 years (00)	2944	1626	1275	1006	255	98	380	56	0	7640	xxx	xxx
Sample students aged 5-29 years	254	126	111	81	19	8	42	7	0	648	xxx	xxx
<b>Urban -Female</b>	312	206	143	145	39	46	88	26	0	1000	7503	639
Estd. students aged 5-29 years (00)	2494	1397	997	1196	290	343	588	196	0	7503	xxx	xxx
Sample students aged 5-29 years	223	131	89	92	17	22	46	19	0	639	xxx	xxx

**Table 9 (Rural) : Gross attendance ratio by broad class group in school education**

Kerala	Broad Class Group						
	I-V	VI-VIII	I-VIII	IX-X	XI-XII	I-XII	Post Higher Secondary
Male	107	96	105	102	94	101	11
Female	100	98	102	115	96	103	15

**Table 9 (Urban) : Gross attendance ratio by broad class group in school education**

Kerala	Broad Class Group						
	I-V	VI-VIII	I-VIII	IX-X	XI-XII	I-XII	Post Higher Secondary
Male	111	98	105	114	98	106	11
Female	101	99	103	118	103	107	22

**Table10 (Rural) : Age specific attendance ratio by broad age group in general education**

Kerala	Broad Age Group of Students				
	6-10	11-13	14-17	18-24	25-29
Male	99	99	87	18	1
Female	99	100	92	22	0

**Table10 (Urban) : Age specific attendance ratio by broad age group in general education**

Kerala	Broad Age Group of Students				
	6-10	11-13	14-17	18-24	25-29
Male	98	100	91	17	0
Female	99	100	97	25	1

**Table 11 (Rural): Net attendance ratio by broad class-group in general education**

Kerala	broad class group					
	I-V	VI-VIII	I-VIII	IX-X	XI-XII	XII+
	age group 6-10 years	age group 11-13 years	age group 6-13 years	age group 14-15 years	age group 16-17 years	age group 18-24 years
Male	96	81	96	76	57	11
Female	92	80	93	85	68	14

**Table 11 (Urban): Net attendance ratio by broad class-group in general education**

Kerala	broad class group					
	I-V	VI-VIII	I-VIII	IX-X	XI-XII	XII+
	age group 6-10 years	age group 11-13 years	age group 6-13 years	age group 14-15 years	age group 16-17 years	age group 18-24 years
Male	94	85	96	82	63	10
Female	93	81	95	87	81	21

**Table 12: Per 1000 distribution of currently attending students of age 5-29 years pursuing general education by type of institution being currently attended and broad level of education**

Kerala	broad level of education																	
	primary						middle						secondary & higher sec.					
	type of institution						type of institution						type of institution					
	Govt.	Local Body	Pvt. AIDED	Pvt. UNAIDED	N.K* + N.R.	All	Govt.	Local Body	Pvt. AIDED	Pvt. UNAIDED	N.K* + N.R.	All	Govt.	Local Body	Pvt. AIDED	Pvt. UNAIDED	N.K* + N.R.	All
<b>Rural</b>	398	5	363	233	0	1000	401	5	454	140	0	1000	379	23	423	175	0	1000
<b>Urban</b>	246	3	351	400	0	1000	370	4	331	295	0	1000	371	2	346	281	0	1000

\*N.K. ; not known



**Table 13 (Rural): Proportion (per 1000) of students of age 5-29 years pursuing general education and (a) getting free education, (b) fully exempted from tuition fee and (c) partly exempted from tuition fee by broad education level .**

Kerala	broad level of education														
	primary					middle					Secondary & higher secondary				
	free education	tuition fee exemption		Students of age 5-29		free education	tuition fee exemption		Students of age 5-29		free education	tuition fee exemption		Students of age 5-29	
		fully	partly	Estd (00)	sample		fully	partly	Estd (00)	sample		fully	partly	Estd (00)	sample
Male	694	5	1	9990	442	720	3	0	8069	350	592	0	0	7887	339
estd. no. of students of age 5-29 years recv.(00)	6930	51	14	xxx	xxx	5807	27	0	xxx	xxx	4669	0	0	xxx	xxx
sample no. of students of age 5-29 years recv.	306	2	1	xxx	xxx	253	1	0	xxx	xxx	209	0	0	xxx	xxx

**Table 13 (Rural): Proportion (per 1000) of students of age 5-29 years pursuing general education and (a) getting free education, (b) fully exempted from tuition fee and (c) partly exempted from tuition fee by broad education level .**

Kerala	broad level of education														
	primary					middle					Secondary & higher secondary				
	free education	tuition fee exemption		Students of age 5-29		free education	tuition fee exemption		Students of age 5-29		free education	tuition fee exemption		Students of age 5-29	
		fully	partly	Estd (00)	sample		fully	partly	Estd (00)	sample		fully	partly	Estd (00)	sample
Female	682	6	2	8135	379	767	5	3	6132	265	655	7	1	7649	343
estd. no. of students of age 5-29 years recv.(00)	5551	52	18	xxx	xxx	4704	29	18	xxx	xxx	5008	57	8	xxx	xxx
sample no. of students of age 5-29 years recv.	264	2	1	xxx	xxx	206	1	1	xxx	xxx	224	2	1	xxx	xxx

**Table 13 (Urban): Proportion (per 1000) of students of age 5-29 years pursuing general education and (a) getting free education, (b) fully exempted from tuition fee and (c) partly exempted from tuition fee by broad education level .**

Kerala	broad level of education														
	primary					middle					Secondary & higher secondary				
	free education	tuition fee exemption		Students of age 5-29		free education	tuition fee exemption		Students of age 5-29		free education	tuition fee exemption		Students of age 5-29	
		fully	partly	Estd (00)	sample		fully	partly	Estd (00)	sample		fully	partly	Estd (00)	sample
Male	487	3	12	2944	254	639	0	33	1626	126	629	0	0	2281	192
estd. no. of students of age 5-29 years recv.(00)	1434	10	35	xxx	xxx	1039	0	22	xxx	xxx	1435	0	0	xxx	xxx
sample no. of students of age 5-29 years recv.	135	1	4	xxx	xxx	74	0	2	xxx	xxx	115	0	0	xxx	xxx

**Table 13 (Urban): Proportion (per 1000) of students of age 5-29 years pursuing general education and (a) getting free education, (b) fully exempted from tuition fee and (c) partly exempted from tuition fee by broad education level .**

Kerala	broad level of education														
	primary					middle					Secondary & higher secondary				
	free education	tuition fee exemption		Students of age 5-29		free education	tuition fee exemption		Students of age 5-29		free education	tuition fee exemption		Students of age 5-29	
		fully	partly	Estd (00)	sample		fully	partly	Estd (00)	sample		fully	partly	Estd (00)	sample
Female	525	0	5	2494	223	646	0	0	1397	131	508	0	0	2194	181
estd. no. of students of age 5-29 years recv.(00)	1560	0	14	xxx	xxx	764	0	0	xxx	xxx	1114	0	0	xxx	xxx
sample no. of students of age 5-29 years recv.	136	0	2	xxx	xxx	87	0	0	xxx	xxx	98	0	0	xxx	xxx

**Table 14 (Rural): Proportion (per 1000) of students of age 5-29 years pursuing general education and receiving (i) scholarship, free or subsidised books/stationery, mid-day meals, etc., and (ii) mode of transport and concession**

Kerala	proportion receiving						proportion using mode of transport					
	scholarship	free or subsidised		mid-day meals			on foot	school bus	bicycle	public transport		others
		books	stationery	by govt.	other	all				Proportion of persons who are availing public transport receiving Concession	all	
<b>Rural - Male</b>	83	159	29	432	6	438	482	149	44	958	278	53
estd. no. of students of age 5-29 years recv.(00)	2253	4322	801	11747	153	11900	13114	4056	1191	7254	7568	1158
sample no. of students of age 5-29 years recv.	107	196	41	524	8	530	554	193	56	313	328	49
<b>Rural - Female</b>	98	408	42	428	1	422	476	150	16	893	325	33
estd. no. of students of age 5-29 years recv.(00)	2253	9251	1004	10032	28	10060	11348	3585	374	6917	7743	789
sample no. of students of age 5-29 years recv.	103	419	42	459	2	461	511	161	19	306	343	38

**Table 14 (Urban): Proportion (per 1000) of students of age 5-29 years pursuing general education and receiving(i) scholarship, free or subsidised books/stationery, mid-day meals, etc., and (ii) mode of transport and concession**

Kerala	proportion receiving						proportion using mode of transport					
	scholarship	free or subsidised		mid-day meals			on foot	school bus	bicycle	public transport		others
		books	stationery	by govt.	other	all				Proportion of persons who are availing public transport receiving Concession	all	
<b>Urban - Male</b>	76	170	75	346	0	346	442	195	48	942	231	84
estd. no. of students of age 5-29 years recv.(00)	544	1216	540	2477	0	2477	3170	1397	342	1556	1652	604
sample no. of students of age 5-29 years recv.	34	77	18	194	0	194	233	118	30	161	170	56
<b>Urban - Female</b>	72	361	48	317	3	319	354	187	29	943	341	89
estd. no. of students of age 5-29 years recv.(00)	497	2484	332	2178	19	2197	2437	1290	198	2210	2343	613
sample no. of students of age 5-29 years recv.	43	221	26	202	3	205	212	112	15	190	201	55

**Table 15 (Rural) : Proportion (per 1000) of students of age 5-29 years pursuing general education and receiving (i) scholarship, free or subsidised books/stationery, mid-day meals, etc., and (ii) mode of transport and concession, if any for each level of education**

Kerala	proportion receiving						proportion using mode of transport					
	scholarship	free or subsidised		mid-day meals			on foot	school bus	bicycle	public transport		others
		books	stationery	by govt.	other	all				Proportion of persons who are availing public transport receiving Concession	all	
primary	83	406	48	694	5	699	586	239	8	855	95	71
Middle	94	351	37	560	3	562	592	161	34	951	181	30
sec. & higher sec.	100	77	26	81	3	84	342	58	58	947	522	14
Above h.s.	34	14	6	0	0	0	38	33	11	886	914	4
n.r.	0	0	0	0	0	0	0	0	0	0	0	0
all	88	266	35	427	4	430	479	150	31	926	300	38
estd. no. of students of age 5-29 years recv.(00)	4507	13574	1805	21779	181	21960	24462	7641	1564	14171	15312	1947
sample no. of students of age 5-29 years recv.	210	615	83	983	10	993	1065	354	75	619	671	87

**Table 15 (Urban) : Proportion (per 1000) of students of age 5-29 years pursuing general education and receiving (i) scholarship, free or subsidised books/stationery, mid-day meals, etc., and (ii) mode of transport and concession, if any for each level of education**

Kerala	proportion receiving						proportion using mode of transport					
Level of education	scholarship	free or subsidised		mid-day meals			on foot	school bus	bicycle	public transport		others
		books	stationery	by govt.	other	all				Proportion of persons who are availing public transport receiving Concession	all	
primary	73	339	54	526	1	527	451	277	11	769	94	168
Middle	83	362	57	481	0	481	486	218	36	965	201	58
sec. & higher sec.	84	169	90	76	3	79	351	113	84	972	430	22
Above h.s.	16	4	0	0	0	0	104	14	0	962	854	28
n.r.	0	0	0	0	0	0	0	0	0	0	0	0
all	74	263	62	331	1	333	399	191	39	943	284	87
estd. no. of students of age 5-29 years recv.(00)	1042	3700	871	4655	19	4674	5607	2686	541	3766	3996	1216
sample no. of students of age 5-29 years recv.	77	298	44	396	3	399	445	230	45	351	371	111

**Table 16 (Rural) : Average expenditure (Rs.) per student of age 5-29 years pursuing general education by broad level of education**

Kerala	broad level of education					students of age 5-29 years pursuing general education	
	Primary	Middle	sec./hr.sec.	above hr.sec.	all	estd. (00)	sample
<b>Male</b>	2163	2673	4071	7225	3101	27199	1184
total expendt.Rs.(million)	2161	2157	3210	905	8434	xxx	xxx
<b>Female</b>	2320	2191	4647	8817	3560	23851	1073
total expendt.Rs.(million)	1888	1344	3554	1706	8492	xxx	xxx
<b>Person</b>	2155	2544	4354	8191	3315	51050	2257
total expendt.Rs.(million)	4048	3501	6765	2611	16925	xxx	xxx

**Table 16 (Urban) : Average expenditure (Rs.) per student of age 5-29 years pursuing general education by broad level of education**

Kerala	broad level of education					students of age 5-29 years pursuing general education	
	Primary	Middle	sec./hr.sec.	above hr.sec.	all	estd. (00)	sample
<b>Male</b>	4313	4220	5951	11930	5147	7165	607
total expendt.Rs.(million)	1270	686	1357	374	3688	xxx	xxx
<b>Female</b>	3464	5216	6388	8586	5359	6881	595
total expendt.Rs.(million)	864	729	1401	670	3664	xxx	xxx
<b>Person</b>	3890	4712	6166	9545	5251	14046	1202
total expendt.Rs.(million)	2133	1415	2759	1044	7351	xxx	xxx

**Table 16 (All) : Average expenditure (Rs.) per student of age 5-29 years pursuing general education by broad level of education**

Kerala	broad level of education					students of age 5-29 years pursuing general education	
	Primary	Middle	sec./hr.sec.	above hr.sec.	all	estd. (00)	sample
<b>Male</b>	2652	2933	4493	8167	3527	34364	1791
total expendt.Rs.(million)	3430	2843	4568	1279	12121	xxx	xxx
<b>Female</b>	2589	2753	5035	8751	3963	30732	1668
total expendt.Rs.(million)	2752	2073	4956	2376	12157	xxx	xxx
<b>Person</b>	2623	2854	4759	8537	3733	65096	3459
total expendt.Rs.(million)	6182	4946	9524	3655	24307	xxx	xxx

**Table 17: Average annual expenditure (Rs.) per student in different types of courses**

Kerala	General	Technical	Vocational
<b>Rural</b>	3315	24246	12639
<b>Urban</b>	5251	38759	17695

**Table 18: Average annual expenditure (Rs.) per student of age 5-29 years pursuing general education by items of expenditure.**

Kerala	item of expenditure									students	
	tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	N.R.	total	estd. (00)	sample
<b>Rural</b>	1583	403	739	453	533	341	188	0	4238	53647	2370
Total Expendt.(Rs.Crores)	849	216	396	243	286	183	101	0	2274	xxx	xxx
<b>Urban</b>	3604	626	1056	499	831	621	289	0	7527	15144	1287
Total Expendt.(Rs.Crores)	546	95	160	76	126	94	44	0	1140	xxx	xxx



**Table 19 (Rural) : Average annual expenditure (Rs.) per student of age 5-29 years pursuing general education on various items of expenditure .**

Kerala		item of expenditure									no. of students of age 5-29 years		sample no. of courses
		tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	n.r.	total	estd. (00)	sample	
Male	all	840	249	633	450	437	343	149	0	3101	27199	1184	1184
	total expendt. (Rs.Crores)	228	68	172	122	119	93	40	0	843	xx	xx	xx
Female	all	930	422	693	445	533	366	171	0	3560	23851	1073	1073
	total expendt. (Rs.Crores)	222	101	165	106	127	87	41	0	849	xx	xx	xx
All	all	882	330	661	448	482	354	159	0	3315	51050	2257	2257
	total expendt. (Rs.Crores)	450	168	337	229	246	181	81	0	1693	xx	xx	xx

**Table 19 (Urban) : Average annual expenditure (Rs.) per student of age 5-29 years pursuing general education on various items of expenditure .**

Kerala		item of expenditure									no. of students of age 5-29 years		sample no. of courses
		tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	n.r.	total	estd. (00)	sample	
Male	all	1804	417	825	491	750	705	154	0	5147	7165	607	607
	total expendt. (Rs.Crores)	129	30	59	35	54	51	11	0	369	xx	xx	xx
Female	all	1971	439	842	472	798	620	218	0	5359	6881	595	595
	total expendt. (Rs.Crores)	136	30	58	32	55	43	15	0	369	xx	xx	xx
All	all	1886	428	833	482	774	663	185	0	5251	14046	1202	1202
	total expendt. (Rs.Crores)	265	60	117	68	109	93	26	0	738	xx	xx	xx

**Table 19 (All - Urban & Rural) : Average annual expenditure (Rs.) per student of age 5-29 years pursuing general education on various items of expenditure .**

Kerala		item of expenditure									no. of students of age 5-29 years		sample no. of courses
		tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	n.r.	total	estd. (00)	sample	
Male	all	1041	284	673	459	502	419	150	0	3527	34364	1791	1791
	total expendt. (Rs.Crores)	358	98	231	158	173	144	52	0	1212	0	0	0
Female	all	1163	426	726	451	592	423	182	0	3963	30732	1668	1668
	total expendt. (Rs.Crores)	357	131	223	139	182	130	56	0	1218	0	0	0
All	all	1099	351	698	455	545	421	165	0	3733	65096	3459	3459
	total expendt. (Rs.Crores)	715	229	454	296	355	274	107	0	2430	0	0	0

**Table 20 (Rural) : Average annual expenditure (Rs.) per student of age 5-29 years pursuing general education for each level of education**

Kerala	item of expenditure									students of age 5-29 years	
	level of education	tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	n.r.	total	estd. (00)
primary - all	501	129	432	389	478	125	101	0	2155	18126	821
Middle	579	162	516	473	394	295	125	0	2544	14201	615
sec. & hr.sec.	1052	542	931	529	436	644	221	0	4354	15536	682
Above hr.sec.	3474	1185	1296	273	1115	502	346	0	8191	3188	139
n.r.	0	0	0	0	0	0	0	0	0	0	0
all	882	330	661	448	482	354	159	0	3315	51050	2257
total expendt.(Rs.Crores)	450	168	337	229	246	181	81	x	1693	xxx	xxx

**Table 20 (Urban) : Average annual expenditure (Rs.) per student of age 5-29 years pursuing general education for each level of education**

Kerala	item of expenditure									students of age 5-29 years	
	level of education	tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	n.r.	total	estd. (00)
primary - all	1235	246	585	451	896	364	113	0	3890	5438	477
Middle	1542	279	753	562	728	653	196	0	4712	3024	257
sec. & hr.sec.	1978	602	1027	564	629	1129	236	0	6166	4475	373
Above hr.sec.	5538	960	1486	88	876	285	312	0	9545	1094	94
n.r.	0	0	0	0	0	0	0	0	0	0	0
all	1886	428	833	482	774	663	185	0	5251	14046	1202
total expendt.(Rs.Crores)	265	60	117	68	109	93	26	x	738	xxx	xxx

**Table 21(Rural): Average annual expenditure (Rs.) per student of age 5-29 years pursuing general education for each type of institution**

Kerala		item of expenditure								students of age 5-29 years	
type of institution	tuition Fee	examfee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	n.r.	total	estd. (00)	sample
govt. & local	139	116	505	431	216	324	114	0	1845	19821	868
pvt aided	395	320	622	421	393	402	160	0	2713	21080	949
pvt unaided	3371	763	1034	543	1192	301	243	0	7447	9984	432
n.r.	0	0	0	0	0	0	0	0	0	0	0
all	882	330	661	448	482	354	159	0	3315	51050	2257
total expendt.(Rs.Crores)	450	168	337	229	246	181	81	x	1693	xxx	xxx

**Table 21(Urban): Average annual expenditure (Rs.) per student of age 5-29 years pursuing general education for each type of institution**

Kerala		item of expenditure								students of age 5-29 years	
type of institution	tuition Fee	examfee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	n.r.	total	estd. (00)	sample
govt. & local	400	161	667	435	322	373	116	0	2474	4405	391
pvt aided	543	399	657	457	492	610	142	0	3299	4946	460
pvt unaided	4699	710	1174	552	1496	993	297	0	9920	4688	349
n.r.	0	0	0	0	0	0	0	0	0	0	0
all	1886	428	833	482	774	663	185	0	5251	14046	1202
total expendt.(Rs.Crores)	265	60	117	68	109	93	26	x	738	xxx	xxx

**Table 22 :Average annual expenditure (Rs.) per student of age 5-29 years pursuing technical/professional education on various items of expenditure**

Kerala	item of expenditure								
	tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	n.r.	total
Rural	15922	2053	2438	557	1590	990	696	0	24246
Urban	25304	3123	3908	938	1859	2089	1538	0	38759

**Table 23: Average annual expenditure (Rs.) per student of age 5-29 years pursuing vocational education on various items of expenditure**

Kerala	item of expenditure								
	tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	n.r.	total
Rural	9192	903	1059	361	915	50	159	0	12639
Urban	9904	1716	1903	533	1281	517	1841	0	17695

**Table 24 (Rural) : Average annual expenditure (Rs.) per reporting student of age 5-29 years pursuing general education on various items of expenditure.**

Kerala		item of expenditure								reporting students	
		tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	total	estd. (00)	sample
Male	all	2963	327	638	520	954	1517	280	3105	27199	1184
	total expendt.(Rs. million)	2284	678	1721	1224	1188	933	405	8434	xxx	xxx
	estd. no.of reporting students.(00)	7711	20769	26961	23566	12454	6151	14463	27199	xxx	xxx
	sample no. of reporting students	326	901	1175	1037	555	285	660	1184	xxx	xxx
Female	all	3295	523	704	535	1065	1742	300	3560	23851	1073
	total expendt.(Rs. million)	2219	1006	1653	1062	1271	872	408	8492	xxx	xxx
	estd. no.of reporting students.(00)	6734	19237	23470	19857	11938	5008	13611	23851	xxx	xxx
	sample no. of reporting students	297	848	1057	903	531	253	627	1073	xxx	xxx
All	all	3118	421	669	527	1008	1618	290	3318	51050	2257
	total expendt.(Rs. million)	4503	1684	3374	2287	2459	1805	813	16925	xxx	xxx
	estd. no.of reporting students.(00)	14444	40006	50431	43422	24392	11159	28073	51050	xxx	xxx
	sample no. of reporting students	623	1749	2232	1940	1086	538	1287	2257	xxx	xxx

**Table 24 (Urban) : Average annual expenditure (Rs.) per reporting student of age 5-29 years pursuing general education on various items of expenditure.**

Kerala		item of expenditure								reporting students	
		tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	total	estd. (00)	sample
Male	all	4468	535	845	591	1524	2463	280	5147	7165	607
	total expendt.(Rs. million)	1292	299	591	352	538	505	110	3688	xxx	xxx
	estd. no.of reporting students.(00)	2893	5583	6998	5953	3527	2052	3947	7165	xxx	xxx
	sample no. of reporting students	248	480	599	510	331	161	305	607	xxx	xxx
Female	all	4231	536	852	615	1338	2125	400	5362	6881	595
	total expendt.(Rs. million)	1356	302	579	325	549	427	150	3688	xxx	xxx
	estd. no.of reporting students.(00)	3205	5633	6798	5286	4103	2008	3752	6881	xxx	xxx
	sample no. of reporting students	250	476	589	473	352	154	308	595	xxx	xxx
All	all	4344	536	848	602	1424	2296	338	5252	14046	1202
	total expendt.(Rs. million)	2648	601	1171	677	1087	932	260	7376	xxx	xxx
	estd. no.of reporting students.(00)	6097	11216	13796	11238	7630	4059	7699	14046	xxx	xxx
	sample no. of reporting students	498	956	1188	983	683	315	613	1202	xxx	xxx



**Table 24 (All - Urban & Rural) : Average annual expenditure (Rs.) per reporting student of age 5-29 years pursuing general education on various items of expenditure.**

Kerala		item of expenditure								reporting students	
		tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	total	estd. (00)	sample
Male	all	3373	371	681	534	1079	1753	280	3527	34364	1791
	total expendt.(Rs. million)	3577	977	2312	1576	1725	1438	515	12121	xxx	xxx
	estd. no.of reporting students.(00)	10604	26352	33959	29518	15981	8202	18409	34364	xxx	xxx
	sample no. of reporting students	574	1381	1774	1547	886	446	965	1791	xxx	xxx
Female	all	3597	526	737	552	1135	1852	322	3963	30732	1668
	total expendt.(Rs. million)	3575	1308	2232	1387	1820	1299	558	12180	xxx	xxx
	estd. no.of reporting students.(00)	9938	24870	30268	25142	16041	7015	17363	30732	xxx	xxx
	sample no. of reporting students	547	1324	1646	1376	883	407	935	1668	xxx	xxx
All	all	3482	446	708	542	1107	1799	300	3733	65096	3459
	total expendt.(Rs. million)	7152	2285	4544	2963	3546	2737	1074	24301	xxx	xxx
	estd. no.of reporting students.(00)	20542	51222	64227	54661	32021	15218	35772	65096	xxx	xxx
	sample no. of reporting students	1121	2705	3420	2923	1769	853	1900	3459	xxx	xxx

**Table 25 (Rural) : Average annual expenditure (Rs.) per reporting student of age 5-29 years pursuing general education by item of expenditure for each level of education in kerala**

level of education	item of expenditure								reporting students	
	tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	total	estd. (00)	sample
primary	2155	190	440	433	1241	943	186	2239	18084	820
middle	2739	206	520	513	1086	1232	235	2465	14201	615
sec. & hr.sec.	3407	624	938	640	736	1990	385	4354	15536	682
above hr.sec.	5084	1252	1303	736	1165	4809	620	8191	3188	139
n.r.	0	0	0	0	0	0	0	0	0	0
all	3118	421	669	527	1008	1618	290	3318	51008	2256
total expendt.(Rs. million)	4503	1684	3374	2287	2459	1805	813	16925	xxx	xxx
estd.no.of reporting students.(00)	14444	40006	50431	43422	24392	11159	28073	51008	xxx	xxx
sample no. of reporting students	623	1749	2232	1940	1086	538	1287	2256	xxx	xxx

**Table 25 (Urban) : Average annual expenditure (Rs.) per reporting student of age 5-29 years pursuing general education by item of expenditure for each level of education in kerala**

level of education	item of expenditure								reporting students	
	tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	other expenses	total	estd. (00)	sample
primary	2920	377	596	525	1742	1451	231	3926	5434	476
middle	4261	307	773	598	1577	2145	323	4680	3024	257
sec. & hr.sec.	4995	731	1044	701	1131	3108	396	6166	4475	373
above hr.sec.	6629	976	1486	706	1031	2097	642	9545	1094	94
n.r.	0	0	0	0	0	0	0	0	0	0
all	4344	536	848	602	1424	2296	338	5252	14042	1201
total expendt.(Rs. million)	2648	601	1171	677	1087	932	260	7376	xxx	xxx
estd.no.of reporting students.(00)	6097	11216	13796	11238	7630	4059	7699	14042	xxx	xxx
sample no. of reporting students	498	956	1188	983	683	315	613	1201	xxx	xxx

**Table 26 : Proportion (per 1000) of ever-enrolled persons aged 5-29 years for each last enrolled level (HINDUISM)**

level of education (last enrolled)	currently attending	currently not attending			all	no. of ever enrolled persons aged 5-29 years	
		achieved desired level	others			estd no. of persons (00)	sample
			completed	not completed			
pre-primary	959	0	15	26	1000	339	25
primary	938	0	40	18	1000	12535	744
upper primary	745	0	108	146	1000	11911	664
secondary	334	16	256	394	1000	17091	1054
higher secondary	489	17	225	269	1000	9648	559
diploma	624	186	172	18	1000	3392	188
graduation	386	249	240	125	1000	5969	372
post graduation	468	290	190	52	1000	1458	99
all	585	49	171	195	1000	62382	3708
Estd no. of ever enrolled persons aged 5-29 years (00)	36517	3026	10649	12190	62382	xxx	xxx
sample no. of ever enrolled persons aged 5-29 years	2034	204	707	763	3708	xxx	xxx

**Table 26 : Proportion (per 1000) of ever-enrolled persons aged 5-29 years for each last enrolled level (ISLAMISM)**

level of education (last enrolled)	currently attending	currently not attending			all	no. of ever enrolled persons aged 5-29 years	
		achieved desired level	others			estd no. of persons (00)	sample
			completed	not completed			
pre-primary	759	0	78	163	1000	340	22
primary	966	0	27	7	1000	7685	385
upper primary	711	2	126	161	1000	7784	426
secondary	279	32	262	426	1000	11366	678
higher secondary	546	26	159	269	1000	5446	289
diploma	650	57	244	49	1000	1078	56
graduation	403	207	201	190	1000	1449	97
post graduation	571	96	289	44	1000	401	22
all	587	26	161	225	1000	35546	1975
Estd no. of ever enrolled persons aged 5-29 years (00)	20874	926	5737	8010	35546	xxx	xxx
sample no. of ever enrolled persons aged 5-29 years	993	62	389	531	1975	xxx	xxx

**Table 26 : Proportion (per 1000) of ever-enrolled persons aged 5-29 years for each last enrolled level (CHRISTIANITY)**

level of education (last enrolled)	currently attending	currently not attending			all	no. of ever enrolled persons aged 5-29 years	
		achieved desired level	others			estd no. of persons (00)	sample
			completed	not completed			
pre-primary	992	0	6	2	1000	124	7
primary	973	0	17	10	1000	4454	250
upper primary	823	0	84	93	1000	3376	190
secondary	449	12	283	256	1000	3679	225
higher secondary	510	33	283	174	1000	3355	189
diploma	648	186	163	3	1000	1194	67
graduation	297	428	192	83	1000	1790	119
post graduation	315	408	259	17	1000	301	24
all	658	69	162	111	1000	18327	1074
Estd no. of ever enrolled persons aged 5-29 years (00)	12054	1266	2966	2041	18327	xx	xx
sample no. of ever enrolled persons aged 5-29 years	674	84	196	120	1074	xx	xx

**Table 27: Proportion (per 1000) of ever-enrolled persons aged 5-29 years by current attendance for each completed level of education (HINDUISM)**

level of education (completed)	currently attending in								currently not attending		all
	primary	upper primary	Secondary	higher secondary	diploma	graduation	post graduation	all	completed last enrolled level	not completed last enrolled level	
pre-primary	983	0	0	0	0	0	0	983	0	17	1000
Primary	0	795	0	0	0	0	0	795	49	156	1000
upper primary	0	0	415	0	0	0	0	416	94	490	1000
secondary	0	0	0	384	24	0	0	408	378	214	1000
higher secondary	0	0	0	0	207	311	0	518	373	109	1000
diploma	0	0	0	0	106	53	0	160	828	12	1000
graduation	0	0	0	0	74	59	140	277	682	42	1000
post graduation	0	0	0	0	27	42	98	167	818	15	1000
All	189	142	91	76	34	37	11	585	219	196	1000

**Table 27: Proportion (per 1000) of ever-enrolled persons aged 5-29 years by current attendance for each completed level of education (ISLAM)**

level of education (completed)	currently attending in								currently not attending		all	proportion of ever-enrolled but currently not attending
	primary	upper primary	Secondary	higher secondary	diploma	graduation	post graduation	all	completed last enrolled level	not completed last enrolled level		
pre-primary	983	0	0	0	0	0	0	983	3	14	1000	17
Primary	0	789	0	0	0	0	0	789	30	181	1000	211
upper primary	0	0	352	0	0	0	0	352	109	539	1000	648
secondary	0	0	0	382	6	0	0	388	424	187	1000	612
higher secondary	0	0	0	0	236	226	0	462	410	128	1000	538
diploma	0	0	0	0	67	54	0	121	832	47	1000	879
graduation	0	0	0	0	4	18	268	289	690	21	1000	711
post graduation	0	0	0	0	143	0	0	143	857	0	1000	857
All	209	156	89	84	19	16	6	587	186	227	1000	413



**Table 27: Proportion (per 1000) of ever-enrolled persons aged 5-29 years by current attendance for each completed level of education (CHRISTIANITY)**

level of education (completed)	currently attending in								currently not attending		all
	primary	upper primary	Secondary	higher secondary	diploma	graduation	post graduation	all	completed last enrolled level	not completed last enrolled level	
pre-primary	990	0	0	0	0	0	0	990	0	10	1000
Primary	0	877	0	0	0	0	0	877	24	99	1000
upper primary	0	0	574	0	0	0	0	574	98	327	1000
secondary	0	0	0	503	4	0	0	508	319	173	1000
higher secondary	0	0	0	0	265	215	0	480	461	59	1000
diploma	0	0	0	0	31	56	0	88	912	0	1000
graduation	0	0	0	0	102	8	44	154	817	29	1000
post graduation	0	0	0	0	0	0	153	153	847	0	1000
All	236	152	90	93	42	29	5	658	230	112	1000

**Table 28 : Proportion ( per 1000 ) of never enrolled persons (age 5- 29 years) and their per thousand distribution by reason for non-enrolment**

Kerala	prop. of never enrolled	reason for non-enrolment															
		parent not interested in studies	inadequate number of teachers	school is far off	to work for wage/ salary	for participating in other economic activities	to look after younger siblings	to attend other domestic chores	financial constraints	timings of educational institution not suitable	for helping in household enter-prises	Language/ medium of instruction used unfamiliar	No tradition in the community	education not considered necessary	others	n.r.	all
<b>Rural</b>	16	115	0	35	0	11	0	186	80	0	10	0	38	96	429	0	1000
<b>Urban</b>	6	44	0	0	0	63	0	0	36	0	0	0	0	134	723	0	1000

**Table 29: Per 1000 distribution of enrolment status and attendance status in the 5-29 years age-group in kerala**

		not enrolled	enrolled but not attending in		attending in	
			non-formal education	formal education	non-formal education	formal education
Rural	Male	236	0	154	1	608
	female	261	0	181	0	557
	All	248	0	167	1	589
Urban	Male	203	0	155	0	639
	female	198	0	171	0	629
	All	201	0	163	0	636

**Table 30: Per 1000 distribution of enrolment status and attendance status in the 5-29 years age-group for each decile class of MPCE**

Sector	decile-class in mpce	not enrolled	Enrolled but not attending in		Attending in	
			non-formal education	formal education	non-formal education	formal education
Rural	0-10	326	0	143	0	526
	10-20	216	0	208	0	576
	20-30	266	0	145	0	585
	30-40	264	0	224	0	510
	40-50	290	0	179	0	530
	50-60	260	0	170	0	567
	60-70	257	0	163	0	580
	70-80	230	0	185	0	585
	80-90	227	0	156	0	611
	90-100	184	0	119	0	695
	n.r.	0	0	0	0	0
Urban	0-10	227	0	270	0	495
	10-20	128	0	297	0	575
	20-30	206	0	224	0	571
	30-40	125	0	266	0	609
	40-50	266	0	222	0	512
	50-60	202	0	159	0	638
	60-70	205	0	114	0	666
	70-80	204	0	89	0	706
	80-90	259	0	62	0	677
	90-100	173	0	71	0	749
	n.r.	0	0	0	0	0

**Table 31 (Rural) : Number of villages/blocks, households, total no. of persons, persons aged 5-29 years, persons aged 5-29 years currently attending any type of education, average household size, both surveyed and estimated, separately for each district**

Districts	sample					average sample household size	estimated ('00)				average estimated household size
	villages / blocks	house holds	total no. of persons	persons aged 5- 29 years	persons aged 5-29 years currently attending any type of education		house holds	total no. of persons	persons aged 5-29 years	persons aged 5-29 years currently attending any type of education	
Kasaragod	16	128	651	278	138	5.09	1837	9590	4257	2481	5.22
Kannur	20	160	682	233	135	4.26	3981	16982	6044	3710	4.27
Wayanad	12	96	416	189	84	4.33	1769	7666	3621	1829	4.33
Kozhikode	20	160	707	272	136	4.42	4679	20749	8345	4636	4.43
Malappuram	36	288	1340	604	299	4.65	6383	31029	14746	9125	4.86
Palakkad	36	288	1232	494	236	4.28	5536	23818	9502	4886	4.30
Thrissur	36	288	1141	430	199	3.96	5010	19950	7763	3715	3.98
Ernakulam	24	192	723	249	159	3.77	4834	18806	6652	4388	3.89
Idukki	16	128	539	185	111	4.21	2654	11031	3797	2353	4.16
Kottayam	24	192	834	271	160	4.34	3835	16667	5632	3536	4.35
Alappuzha	24	191	812	291	150	4.25	3504	15035	5536	2989	4.29
Pathanamthitta	20	160	603	203	124	3.77	2525	9466	3309	2011	3.75
Kollam	36	288	1104	390	230	3.83	4821	18597	6553	4004	3.86
Trivandrum	36	288	1099	414	242	3.82	4992	19155	7371	4563	3.84

**Table 31 (Urban) : Number of villages/blocks, households, total no. of persons, persons aged 5-29 years, persons aged 5-29 years currently attending any type of education, average household size, both surveyed and estimated, separately for each district**

Districts	sample					average sample house-hold size	estimated ('00)				average estimated house-hold size
	villages / blocks	house holds	total no. of persons	persons aged 5-29 years	persons aged 5-29 years currently attending any type of education		house holds	total no. of persons	persons aged 5-29 years	persons aged 5-29 years currently attending any type of education	
Kasaragod	8	64	288	110	62	4.50	274	1270	513	330	4.64
Kannur	24	192	847	305	179	4.41	1489	6824	2717	1677	4.58
Wayanad	4	32	127	57	31	3.97	58	238	111	63	4.11
Kozhikode	24	192	898	377	186	4.68	1721	8347	3665	2119	4.85
Malappuram	8	64	326	145	74	5.09	620	3093	1512	905	4.99
Palakkad	12	96	409	154	79	4.26	570	2464	908	486	4.32
Thrissur	20	160	614	245	112	3.84	1190	4549	1840	893	3.82
Ernakulam	28	224	828	271	177	3.69	4059	16004	5303	3706	3.94+
Idukki	4	32	121	41	26	3.78	84	321	111	72	3.80
Kottayam	8	64	235	78	51	3.67	803	2190	950	734	2.73
Alappuzha	12	95	397	143	84	4.18	1507	6365	2352	1548	4.22
Pathanamthitta	4	32	118	33	24	3.69	212	790	208	150	3.73
Kollam	12	96	332	132	73	3.46	822	3014	1291	740	3.67
Trivandrum	24	192	691	229	148	3.60	2286	8182	2765	1913	3.58

**Table 32 (Rural) : Proportion (per 1000) of students of age 5-29 years pursuing general education and receiving (i) scholarship, free or subsidised books/stationery, mid-day meals, etc., and (ii) mode of transport and concession, if any for each district**

District	proportion receiving						proportion using mode of transport					
	Scholarship	free or subsidised		mid-day meals			on foot	school bus	bicycle	public transport		others
		books	stationery	by govt.	other	all				Proportion of persons who are availing public transport receiving Concession	all	
Kasaragod	108	499	25	690	12	702	650	39	9	1000	277	25
Kannur	13	108	15	365	0	365	406	81	38	1000	426	49
Wayanad	70	159	34	326	0	326	593	40	22	951	282	62
Kozhikode	151	398	26	435	0	435	486	78	19	981	384	33
Malappuram	66	271	40	466	0	466	669	84	9	916	218	20
Palakkad	154	276	11	471	9	480	466	142	30	980	313	50
Thrissur	69	175	3	503	9	512	252	234	40	1000	369	105
Ernakulam	55	205	55	302	16	318	245	313	50	821	341	24
Idukki	285	234	34	405	0	405	443	172	7	973	279	100
Kottayam	58	268	14	567	0	567	386	199	6	1000	398	11
Alappuzha	74	301	33	444	0	444	483	153	111	852	207	42
Pathanamthitta	42	272	5	253	0	258	484	138	97	900	273	8
Kollam	72	283	13	334	4	337	516	212	50	693	193	29
Trivandrum	65	256	151	333	0	333	457	208	14	779	297	24

**Table 32 (Urban) : Proportion (per 1000) of students of age 5-29 years pursuing general education and receiving (i) scholarship, free or subsidised books/stationery, mid-day meals, etc., and (ii) mode of transport and concession, if any for each district**

District	proportion receiving						proportion using mode of transport					
	Scholarship	free or subsidised		mid-day meals			on foot	school bus	bicycle	public transport		others
		books	stationery	by govt.	other	all				Proportion of persons who are availing public transport receiving Concession	all	
Kasaragod	84	341	13	392	0	392	647	95	26	756	164	67
Kannur	36	141	6	289	0	289	380	166	4	986	382	68
Wayanad	102	284	60	399	0	399	417	69	21	1000	287	207
Kozhikode	111	324	55	461	7	461	559	110	15	1000	300	26
Malappuram	42	121	7	265	0	265	462	127	16	963	309	86
Palakkad	54	262	11	402	11	402	290	157	39	1000	362	152
Thrissur	42	278	34	406	0	406	159	188	102	949	335	176
Ernakulam	42	244	18	311	0	311	366	243	46	978	223	122
Idukki	208	478	86	486	0	486	620	121	6	1000	221	31
Kottayam	70	565	175	643	0	743	738	196	37	1000	238	28
Alappuzha	187	399	62	328	0	328	318	128	95	828	377	82
Pathanamthitta	104	130	4	271	0	271	375	64	137	1000	358	67
Kollam	27	150	8	262	0	262	274	188	67	984	393	78
Trivandrum	95	148	133	379	0	379	313	318	32	816	243	93

**Table 33 (Rural) : Average expenditure (Rs.) per student of age 5-29 years pursuing general education by broad level of education for each district.**

District	broad level of education				students of age 5-29 years pursuing general education	
	primary	middle	sec./ hr.sec.	above hr.sec.	estd. (00)	sample
Kasaragod	1054	1137	2838	3371	2471	137
Kannur	1692	2256	3104	3405	3488	128
Wayanad	1749	2924	4741	5425	1798	81
Kozhikode	1806	1218	3585	3617	4210	124
Malappuram	1178	1354	2500	5536	8850	289
Palakkad	2044	2213	3426	5599	4693	225
Thrissur	2113	2955	3688	5393	3311	180
Ernakulam	4169	5051	9549	10213	4085	148
Idukki	2153	2900	6646	7987	2318	109
Kottayam	2554	1744	3728	8111	3305	149
Alappuzha	2910	3337	4405	5547	2802	140
Pathanamthitta	2994	3005	4235	4354	1942	119
Kollam	2810	3872	4068	5839	3686	212
Trivandrum	3175	3435	4812	13745	4091	216



**Table 33 (Urban) : Average expenditure (Rs.) per student of age 5-29 years pursuing general education by broad level of education for each district.**

District	broad level of education				students of age 5-29 years pursuing general education	
	primary	middle	sec./ hr.sec.	above hr.sec.	estd. (00)	sample
Kasaragod	1982	2083	3305	3919	322	61
Kannur	3045	3963	3884	4829	1569	165
Wayanad	3842	4964	4926	7266	63	31
Kozhikode	2455	2528	3908	5994	1968	172
Malappuram	2544	1480	3965	7603	888	73
Palakkad	2998	3528	4866	9091	439	73
Thrissur	2315	3864	4924	4234	739	99
Ernakulam	5013	5796	10815	11007	3324	139
Idukki	3791	3418	7006	8963	69	25
Kottayam	3751	2102	4304	9853	723	50
Alappuzha	4393	5854	4887	8624	1309	73
Pathanamthitta	3444	4184	5966	8275	141	23
Kollam	5324	3490	5502	8071	671	67
Trivandrum	7400	8120	10883	17579	1657	123

**Table 34 (Rural): Average annual expenditure (Rs.) per student of age 5-29 years pursuing general education by items of expenditure for each district in Kerala.**

District	item of expenditure							
	tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	Other expenses	n.r.
Kasaragod	308	125	643	330	218	78	78	0
Kannur	738	195	610	639	527	95	12	0
Wayanad	1120	428	706	514	258	290	498	0
Kozhikode	1776	414	647	338	438	244	119	0
Malappuram	730	266	467	335	360	74	147	0
Palakkad	1152	196	517	492	494	113	175	0
Thrissur	1825	519	664	505	645	191	197	0
Ernakulam	3862	1033	1323	546	867	286	360	0
Idukki	826	1033	673	511	662	44	428	0
Kottayam	3013	450	711	454	678	178	97	0
Alappuzha	1346	482	763	530	419	614	241	0
Pathanamthitta	904	124	733	500	628	973	35	0
Kollam	1690	399	983	439	662	1033	269	0
Trivandrum	2413	204	826	425	631	981	108	0

**Table 34 (Urban): Average annual expenditure (Rs.) per student of age 5-29 years pursuing general education by items of expenditure for each district in Kerala.**

District	item of expenditure							
	tuition fee	exam fee, other fee & payment	books & stationery	uniform	transport	private coaching	Other expenses	n.r.
Kasaragod	789	188	787	467	370	150	143	0
Kannur	1574	230	748	666	718	96	15	0
Wayanad	1218	486	758	546	712	348	567	0
Kozhikode	1804	514	763	356	530	387	151	0
Malappuram	1506	376	648	379	668	96	139	0
Palakkad	4084	421	983	515	962	162	230	0
Thrissur	2377	814	1135	556	844	245	141	0
Ernakulam	5647	1992	1469	579	1076	674	590	0
Idukki	2127	1595	918	296	687	136	489	0
Kottayam	2642	573	938	564	763	223	221	0
Alappuzha	4188	964	1212	606	700	643	283	0
Pathanamthitta	3117	360	915	553	871	1689	63	0
Kollam	4051	784	1025	591	734	1251	670	0
Trivandrum	6148	831	1485	524	1334	1846	250	0

**Table 35 (Rural) : Per 1000 distribution of enrolment status and attendance status in the 5-29 years age-group for each district in kerala**

District	not enrolled	enrolled but not attending in		attending in		n.r.	Total
		non-formal education	formal education	non-formal education	formal education		
Kasaragod	300	0	108	0	583	0	1000
Kannur	69	0	318	0	614	0	1000
Wayanad	347	0	148	0	505	0	1000
Kozhikode	145	0	300	0	556	0	1000
Malappuram	144	0	237	0	619	0	1000
Palakkad	450	0	35	0	514	0	1000
Thrissur	494	0	23	0	483	0	1000
Ernakulam	286	0	55	0	660	0	1000
Idukki	77	0	304	0	620	0	1000
Kottayam	36	0	336	0	628	0	1000
Alappuzha	184	0	237	0	549	0	1000
Pathanamthitta	384	0	15	0	601	0	1000
Kollam	363	0	26	0	611	0	1000
Trivandrum	223	0	145	0	632	0	1000

**Table 35 (Urban) : Per 1000 distribution of enrolment status and attendance status in the 5-29 years age-group for each district in kerala**

District	not enrolled	enrolled but not attending in		attending in		n.r.	Total
		non-formal education	formal education	non-formal education	formal education		
Kasaragod	243	0	114	0	643	0	1000
Kannur	25	0	357	0	617	0	1000
Wayanad	435	0	13	0	552	0	1000
Kozhikode	92	0	330	0	578	0	1000
Malappuram	292	0	109	0	599	0	1000
Palakkad	465	0	23	0	512	0	1000
Thrissur	456	0	51	0	493	0	1000
Ernakulam	256	0	38	0	706	0	1000
Idukki	23	0	324	0	653	0	1000
Kottayam	11	0	216	0	773	0	1000
Alappuzha	30	0	312	0	658	0	1000
Pathanamthitta	277	0	18	0	705	0	1000
Kollam	403	0	24	0	573	0	1000
Trivandrum	207	0	85	0	707	0	1000

**APPENDIX**

**B**



**Sample Design and Estimation Procedure**

**Sample Design  
and Estimation  
Procedure**

## **1. Introduction**

The National Sample Survey (NSS), set up by the Government of India in 1950 to collect socio-economic data employing scientific sampling methods, carried out its sixty-fourth round survey from 1st July 2007 to 30th June 2008. The subjects covered in the 64th round of NSS were 'Employment-Unemployment and Migration', 'Participation and Expenditure on Education', and 'Household Consumer Expenditure'.

## **2. Period of survey and work programme:**

The period of survey was of one year duration starting on 1st July 2007 and ending on 30th June 2008. The survey period of this round were divided into four sub-rounds of three months' duration each as follows:

- sub-round 1 : July - September 2007
- sub-round 2 : October - December 2007
- sub-round 3 : January - March 2008
- sub-round 4 : April - June 2008

In each of these four sub-rounds equal numbers of sample villages/ blocks (FSUs) were allotted for survey with a view to ensuring uniform spread of sample FSUs over the entire survey period. Attempts were made to survey each of the FSUs during the sub-round to which it was allotted.

### **3. Schedules of enquiry:**

During this round, the following schedules of enquiry were canvassed:

- Schedule 0.0 : List of households
- Schedule 10.2 : Employment & unemployment and migration particulars
- Schedule 25.2 : Participation and expenditure in education
- Schedule 1.0 : Household consumer expenditure

### **4. Sample design**

#### **4.1 Outline of sample design:**

A stratified multi-stage design was adopted for the 64th round survey. The first stage units (FSUs) were the 2001 Census Panchayat wards in the rural sector and Urban Frame Survey (UFS) blocks in the urban sector. However, for the newly declared towns and outgrowths (OGs) in Census 2001 for which UFS had not yet been done (i.e. non-UFS towns), each individual town/ OG was considered as an FSU. The ultimate stage units were households in both the sectors. It was recognised that in large FSUs, listing of all households to prepare the ultimate stage sampling frame would not be feasible, and the sample design provided for such FSUs to be split by the survey personnel into a number of parts depending on the approximate population found therein, two parts to be randomly selected from these, and the sample of households to be drawn from these two parts only.

#### **4.2 Sampling frame for first stage units:**

For the rural sector, the sampling frame consisted of the list of 2001 Census Panchayat wards. For the urban sector, it consisted of the list of latest available Urban Frame Survey (UFS) blocks and non-UFS (newly declared) towns/ OGs.

### **5. Stratification**

Within each district of a State/ UT, generally speaking, two basic strata were formed: i) a rural stratum comprising all rural areas of the district and (ii) an urban stratum comprising all the urban areas of the district.

### **6. Sub-stratification**

#### **6.1 Rural sector**

If  $r$  was the sample size allocated to 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 sub-strata 1 to  $r/4$  were demarcated in such a way that each sub-stratum



comprised a group of villages of the arranged frame and the sub-strata had more or less equal population.

## **6.2 Urban sector**

If the sample size for an urban stratum was  $u$ ,  $u/4$  sub-strata were formed. The towns within a district were first arranged in ascending order of population. Next, UFS blocks of each town were arranged by IV unit no.  $\times$  block no. in ascending order. From this arranged frame of UFS blocks of all the towns,  $u/4$  sub-strata were formed in such a way that each sub-stratum had more or less the same number of FSUs.

## **7. Allocation of total sample to States and UTs**

The total number of sample FSUs was allocated to the States and UTs in proportion to population as per Census 2001 subject to a minimum sample allocation to each State/ UT. While doing so, the resource availability in terms of number of field investigators was borne in mind.

## **8 Allocation to strata**

Within each sector of a State/ UT, the sample size was allocated to the different strata in proportion to the stratum population as per Census 2001. Allocations at stratum level were adjusted to a multiple of 4 with a minimum sample size of 4.

## **9 Selection of FSUs**

From each sub-stratum of a district of rural sector, four FSUs were selected with Probability Proportional to Size With Replacement (PPSWR), size being the population as per Census 2001. For the urban sector, four FSUs were selected from each sub-stratum by Simple Random Sampling Without Replacement (SRSWOR) for UFS towns and by PPSWR for non-UFS towns, size being the population as per Census 2001. Within each sub-stratum, the sample of FSUs to be surveyed was drawn in the form of two independent sub-samples in both the rural and urban sectors.

## **10 Selection of hamlet-groups/ sub-blocks**

Large FSUs having approximate present population of 1200 or more were divided into a suitable number of 'hamlet-groups' in the rural sector and 'sub-blocks' in the urban sector as stated below.

Approximate present population of the sample village	No. of hgs to be formed
Less than 1200	1
1200-1799	3
1800-2399	4
2400-2999	5
And so on	...

For rural areas of Idukki district of Kerala, the number of hamletgroups formed was as follows.

Approximate present population of the sample village	No. of hgs to be formed
Less than 600	1
600 to 899	3
600-899	4
900-1199	5
And so on	...

Two hamlet-groups (hg)/ sub-blocks (sb) were selected from a large FSU wherever hamlet-groups/ sub-blocks had been formed, by SRSWOR. Listing and selection of the households was done independently in the two selected hamlet-groups/ sub-blocks, named sample hg/sb 1 and 2. In FSUs without hg/ sb formation, the entire FSU was treated as sample hg/sb 1.

## 11. Formation of second-stage strata and allocation of households for Schedule 1.0

The listed households were stratified into two second-stage strata and the number of households selected for survey in each second-stage stratum was as shown below:

SSS	Composition of SSS	Number of households to be surveyed	
		Without hg/sb formation	With hg/sb formation
SSS1	Relatively Affluent Huseholds	2	1
SSS2	Other households	2	1

In rural areas a household was classified as affluent if (i) it owned any of the items such as motor car/ jeep/ tractor/ combine-harvester/ truck/ bus/ van, consumer durables like fridge/ washing machine or spacious pucca house in good condition or (ii) a household member was a professional such as doctor/ advocate or had a high-salaried job or (iii) the household owned 2 hectares or more cultivable land or 1 hectare or more irrigated land or (iv) owned at least 10 heads of cattle and buffaloes. From among all such households, the ten most affluent households constituted SSS1. Similarly, in the urban sector, a cut-off point 'A' (in Rs.) was determined from NSS 61st round data for each *NSS region* in such a way that the top 10% of the households had MPCE equal to or more than 'A'. All the listed households with MPCE more than 'A' were considered as affluent.

## 12. Selection of households

From each SSS the sample households were selected by SRSWOR

## 13. Estimation Procedure

### 13.1 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 segment (d =1, 2, 9)
- j** = subscript for j-th second stage stratum in an FSU/ segment ( j = 1, 2, 3, 4, 5 or 6)
- k** = subscript for k-th sample household under a particular second stage stratum within an FSU/ segment
- D** = total number of hamlet-groups/sub-blocks formed in the sample village (panchayat ward) / block
- D\*** = 1 if D = 1  
= (D - 1) for FSUs with D > 1
- N** = total number of FSUs in any urban sub-stratum belonging to the towns other than million plus cities
- Z** = total size of a rural sub-stratum or urban sub-stratum of million plus cities (=sum of sizes for all the FSUs of a sub-stratum)
- z** = size of sample village/block used for selection.
- n** = number of sample village / block surveyed including zero cases but excluding casualty for a particular sub-sample and substratum.
- H** = total number of households listed in a second-stage stratum of a village/block/ segment of sample FSU

**h** = number of households surveyed in a second-stage stratum of a village/block/ segment of sample FSU

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

**X̂, Ŷ** = estimate of population total X, Y for the characteristics x, y In terms of the above symbols,

**y<sub>stmidjk</sub>** = observed value of the characteristic y for the k-th household in the j-th second stage stratum of the d-th segment (d = 1, 2) of the i-th FSU belonging to the m-th sub sample for the t-th sub-stratum of s-th stratum;

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

### 13.2 Formulae for estimation of aggregates for a particular sub-sample and stratum in rural / urban sector

#### 3.2.1 RURAL:

##### (a) Estimation formula for a sub-stratum:

(i) For households selected in j-th second stage stratum

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

(ii) For all selected households:

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

#### 13.2.2. URBAN:

##### (a) Estimation formula for a sub-stratum:

(i) For households selected in j-th second stage stratum

$$\hat{Y}_j = \frac{z}{n_j} \sum_{i=1}^{n_j} \frac{1}{z_j} \left[ \frac{H_{i1j}}{h_{i1j}} \sum_{k=1}^{h_{i1j}} y_{i1jk} + D_i^* \frac{H_{i2j}}{h_{i2j}} \sum_{k=1}^{h_{i2j}} y_{i2jk} \right] \text{ for UFS sub-stratum}$$

$$\hat{Y}_j = \frac{Z}{n_j} \sum_{i=1}^{n_j} \frac{1}{Z_i} D_i^* \left[ \frac{H_{i1j}}{h_{i1j}} \sum_{k=1}^{h_{i1j}} y_{i1jk} + \frac{H_{i2j}}{h_{i2j}} \sum_{k=1}^{h_{i2j}} y_{i2jk} \right] \text{ for non - UFS substratum}$$

(ii) For all selected households:

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

#### 13.2.3 ESTIMATE FOR A STRATUM

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

### 13.2.4 OVERALL ESTIMATE OF AGGREGATES

13.2.4.1 The overall estimate for an aggregate for a stratum ( $\hat{Y}_s$ ) based on two sub samples is obtained as:

$$\hat{Y}_s = \frac{1}{2} \sum_{m=1}^2 \hat{Y}_{sm}$$

13.2.4.2 The overall estimate  $\hat{Y}$  at the State/ UT/ all-India level is obtained by summing the estimates ( $\hat{Y}_s$ ) of strata over all strata belonging to the State/ UT/ all- India

### 13.2.5 ESTIMATES OF RATIOS

13.2.5.1 Let  $\hat{Y}$  and  $\hat{X}$  be the overall estimate of the aggregates Y and X (sum of area frame and list frame estimates) 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

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

### 13.3 Estimates of Error

The estimated variances of the estimates will be as follows:

#### 13.3.1 For aggregate $\hat{Y}$ :

$$Var(\hat{Y}) = \sum_s Var(\hat{Y}_s)$$

Where  $Var(\hat{Y}_s)$  are given below

13.3.1.1 For strata with PPSWR selection at first stage:

$$Var_{ppswr}(\hat{Y}_s) = \left[ \sum_i \frac{1}{n_{st}(n_{st}-1)} \sum_{i=1}^{n_{st}} \left( \frac{Z_{sti} \hat{Y}_{sti}}{z_{sti}} - \hat{Y}_{st} \right)^2 \right],$$

Where  $\hat{Y}_{sti} = \sum_j Y_{stij}$  and

$$\hat{Y}_{stij} = D_{stij}^* \left[ \frac{H_{i1j}}{h_{i1j}} \sum_{k=1}^{hi1j} y_{i1jk} + \frac{H_{i2j}}{h_{i2j}} \sum_{k=1}^{hi2j} y_{i2jk} \right]$$

13.3.1.2 For strata with SRSWOR selection at first stage:

$$Var_{swor}(\hat{Y}_s) = \sum_t \frac{1}{4} (\hat{Y}_{st1} - \hat{Y}_{st2})^2,$$

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'.

### 13.3.2 For ratio $\hat{R}$ :

$$MSE(\hat{R}) = \frac{1}{(\hat{X})^2} \left[ \sum_s MSE_s(\hat{R}) + \sum_{s'} MSE_{s'}(\hat{R}) \right]$$

Where s, s' indicate respectively the strata with PPSWR and SRSWOR selection at first stage.

#### 13.3.2.1 For strata with PPSWR selection at first stage:

$$MSE(\hat{R}) = \sum_t \frac{1}{n_{st}(n_{st}-1)} \sum_{i=1}^{n_{st}} \left[ \frac{Z_{sti}}{Z_{sti}} (\hat{y}_{sti} - \hat{R}\hat{X}_{sti}) - (\hat{y}_{st} - \hat{R}\hat{X}_{st}) \right]^2$$

$$\text{Where } \hat{Y}_{sti} = \sum_j \hat{Y}_{stij}, \quad \hat{X}_{sti} = \sum_j \hat{X}_{stij},$$

$$\hat{Y}_{stij} = D_{stij}^* \left[ \frac{H_{i1j}}{h_{i1j}} \sum_{k=1}^{hi1j} y_{i1jk} + \frac{H_{i2j}}{h_{i2j}} \sum_{k=1}^{hi2j} y_{i2jk} \right],$$

$$\hat{X}_{stij} = D_{stij}^* \left[ \frac{H_{i1j}}{h_{i1j}} \sum_{k=1}^{hi1j} x_{i1jk} + \frac{H_{i2j}}{h_{i2j}} \sum_{k=1}^{hi2j} x_{i2jk} \right]$$

#### 3.3.2.2 For strata with SRSWOR selection at first stage:

$$MSE(\hat{R}) = \sum_t \frac{1}{4} \sum_{i=1}^{n_{st}} \left[ (\hat{y}_{s't1} - \hat{y}_{st2})^2 + \hat{R}(\hat{X}_{s't1} - \hat{X}_{s't2})^2 - 2(\hat{y}_{s't1} - \hat{y}_{st2})(\hat{X}_{s't1} - \hat{X}_{s't2}) \right]$$

Were  $\hat{y}_{s't1}$  and  $\hat{y}_{s't2}$  are the estimates for sub-sample 1 and sub-sample 2 respectively for stratum 's!' and stratum 't'.

### 13.4 Estimates of RSE :

$$RSE(\hat{Y}) = \frac{\sqrt{Var(\hat{Y})}}{\hat{Y}} 100$$

$$RSE(\hat{R}) = \frac{\sqrt{MSE(\hat{R})}}{\hat{R}} 100$$

### 13.5 Multipliers

The formulae for multipliers for a sub-sample are given below:

Sch type	Sub-stratum	Segment 1	Segment 2
0.0	Rural	$\frac{Z_{st}}{n_{stm}} \times \frac{1}{Z_{stmi}} \times D_{stmi}^*$	$\frac{Z_{st}}{n_{stm}} \times \frac{1}{Z_{stmi}} \times D_{stmi}^*$
	Urban(UFS)	$\frac{N_{st}}{n_{stm}} D_{stmi}^*$	$\frac{N_{st}}{n_{stm}} D_{stmi}^*$
	Urban(non-UFS)	$\frac{Z_{st}}{n_{stm}} \times \frac{1}{Z_{stmi}} \times D_{stmi}^*$	$\frac{Z_{st}}{n_{stm}} \times \frac{1}{Z_{stmi}} \times D_{stmi}^*$
10.2/ 25.2/ 1.0	Rural	$\frac{Z_{st}}{n_{stmj}} \times \frac{1}{Z_{stmi}} \times D_{stmi}^* \times \frac{H_{stmi1j}}{h_{stmi1j}}$	$\frac{Z_{st}}{n_{stmj}} \times \frac{1}{Z_{stmi}} \times D_{stmi}^* \times \frac{H_{stmi2j}}{h_{stmi2j}}$
	Urban(UFS)	$\frac{N_{st}}{n_{stmj}} \times D_{stmi}^* \times \frac{H_{stmi1j}}{h_{stmi1j}}$	$\frac{N_{st}}{n_{stmj}} \times D_{stmi}^* \times \frac{H_{stmi2j}}{h_{stmi2j}}$
	Urban(non-UFS)	$\frac{Z_{st}}{n_{stmj}} \times \frac{1}{Z_{stmi}} \times D_{stmi}^* \times \frac{H_{stmi1j}}{h_{stmi1j}}$	$\frac{Z_{st}}{n_{stmj}} \times \frac{1}{Z_{stmi}} \times D_{stmi}^* \times \frac{H_{stmi2j}}{h_{stmi2j}}$

j = 1,2,3 for sch. 10.2

= 1,2 for sch.1.0/25.2

- Note:** (i) For estimating any characteristic for any domain not specifically considered in sample design, indicator variable is used.
- (ii) Multipliers are computed on the basis of information available in the listing schedule, irrespective of any difference in classification observed between the listing schedule and detailed enquiry schedule.

**APPENDIX**

**C**



**SCHEDULE 25.2**  
**PARTICIPATION AND EXPENDITURE IN EDUCATION**



\*

RURAL	
URBAN	

\*

CENTRAL	
STATE	

**GOVERNMENT OF INDIA  
NATIONAL SAMPLE SURVEY ORGANISATION  
SOCIO-ECONOMIC SURVEY  
SIXTY-FOURTH ROUND: JULY, 2007-JUNE, 2008  
SCHEDULE 25.2: PARTICIPATION AND EXPENDITURE IN EDUCATION**

<b>[0] descriptive identification of sample household</b>			
1. state/u.t.		5. hamlet name	
2. district		6. ward/ inv. unit/ block**	
3. tehsil/town		7. name of head of household	
4. village name		8. name of the informant	

<b>[1] identification of sample household</b>							
item no.	item	code			Item no.	item	code
1.	serial no. of sample village/block				11.	sub-sample	
2.	round number	6		4	12.	FOD sub-region	
3.	schedule number	2	5	2	13.	sample hamlet-group/ sub-block number	
4.	sample (central-1, state-2)				14.	second-stage stratum number	
5.	sector (rural-1, urban-2)				15.	sample household number	
6.	state-region				16.	sl. no. of informant (as in col.1, block 4)	
7.	district code				17.	response code	
8.	stratum number				18.	survey code	
9.	sub-stratum number						
10.	sub-round				19.	reason for substitution of original household (code)	

**CODES FOR BLOCK 1**

item 17: **response code:** informant co-operative and capable – 1, informant co-operative but not capable – 2, informant busy – 3, informant reluctant – 4, others – 9.

item 18: **survey code:** original h.h. surveyed – 1, substituted h.h. surveyed – 2, casualty – 3

item 19: **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

\*\* strike out whichever is not applicable

<b>[2] particulars of field operations</b>												
sl. no.	item	investigator/ senior investigator			superintendent / senior superintendent			other supervisory officer				
(1)	(2)	(3)			(4)			(5)				
1.	i) name (block letters)											
	ii) code											
2.	<b>date(s) of :</b>	DD	MM	YY	DD	MM	YY	DD	MM	YY		
	(i) survey/inspection											
	(ii) receipt											
	(iii) scrutiny											
	(iv) despatch											
3.	number of additional sheets attached											
4.	total time taken to canvass schedule 25.2 (in minutes)											
5.	signature											

<b>[8] remarks by investigator/senior investigator</b>

<b>[9] remarks by superintendent / senior superintendent</b>

<b>[10] remarks by other supervisory officer</b>

[3] household characteristics										
1.	household size					11.	distance to nearest school having primary level classes(code)			
2.	principal industry (NIC – 2004)	description				12.	distance to nearest school having upper primary level classes(code)			
		code (5-digit)								13.
3.	principal occupation (NCO-2004)	description				<b>Household consumption expenditure (Rs.) during last 30 days out of:</b>				
		code (3-digit)								
4.	household type (code)					14.	purchase			
5.	religion (code)					15.	home produced stock			
6.	social group (code)					16.	receipts in exchange of goods and services			
7.	land possessed as on the date of survey (code)					17.	gifts and loans			
8.	is the household incurring any expenditure during current academic session/year on dependants aged 5-29years studying away from home? (yes-1, no-2)					18.	free collection			
If 'yes' in item 8	9.	no. of such dependants				19.	<b>total (items 14 to 18)</b>			
	10.	total amount sent/ to be sent (Rs.)								

### CODES FOR BLOCK 3

item 4: **household type** : for rural areas: self-employed in non-agriculture-1, agricultural labour-2, other labour-3, self-employed in agriculture-4, others-9  
for urban areas: self-employed-1, regular wage/salary earning-2, casual labour-3, others-9

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

item 6: **social group** : scheduled tribe-1, scheduled caste-2, other backward class-3, others-9

item 7: **land possessed (class intervals in hectares):**

less than 0.005.....	01	2.01 – 3.00.....	07
0.005 - 0.01.....	02	3.01 - 4.00 .....	08
0.02 - 0.20 .....	03	4.01 – 6.00.....	10
0.21 - 0.40 .....	04	6.01 - 8.00 .....	11
0.41 - 1.00.....	05	greater than 8.00	12
1.01 - 2.00 .....	06		

item 11/12/13: **distance(d) to nearest school having primary/upper primary//secondary level classes :**

$d < 1km$	: 1
$1km \leq d < 2 kms$	: 2
$2kms \leq d < 3 kms$	: 3
$3kms \leq d < 5 kms$	: 4
$d \geq 5 kms$	: 5



[5] education particulars of those aged 5-29 years who are currently attending at primary level and above (with code 7 in Col. 8, block 4)		(1)	(2)	(3)	(4)	(5)
1.	serial no. [as in col.1,block 4]	1				
2.	age (years) [ as in col 5, bl. 4]	2				
3.	age at entry in school (years)	3				
4.	no. of courses attended	4				
5.	course no.	5	1	2	1	2
6.	type of current education (code)	6				
7.	course (code)	7				
8.	level of current attendance(code)	8				
9.	present class/grade/year of study(code)	9				
10.	class/grade/year of study in the previous year (code)	10				
11.	type of institution (code)	11				
12.	nature of institution (code)	12				
13.	medium of instruction (code)	13				
14.	type of course (code)	14				
15.	is education free? (yes-1, no-2)	15				
16.	if '2' in 15, whether tuition fee waived? (code)	16				
17.	annual amount waived (Rs.)	17				
18.	reason for waiver (code)	18				
19.	received scholarship/stipend ( yes-1, no-2)	19				
20.	annual amount received (Rs.)	20				
21.	reason for receiving (code)	21				
22.	received textbooks(code)	22				
23.	received stationery? (code)	23				
24.	is free mid-day meal/tiffin/nutrition provided ( yes-1, no-2)	24				
25.	if provided (code 1 in item 24), agency (govt-1, others-2)	25				
26.	distance of institution from place of residence (code)	26				
27.	mode of transport (code)	27				
28.	if (code 3 in item 27), then whether concession received? (yes-1, no-2)	28				
29.	changed educational institution during last one year?(code)	29				

## CODES FOR BLOCK 5

- Item 6: type of current education:** general-1, professional/technical-2, vocational-3  
**item 7: course:** general course (upto class X) -01, arts/humanities -02, science-03, commerce -04, medicine -05, engineering-06, agriculture 07, law-08, management-10, education-11, chartered accountancy and similar secondary and similar secondary -14, IT/computer courses : With minimum entry requirement graduation-15, IT/computer courses : With minimum entry requirement post graduation-16, IT/computer courses, others-17, vocational-18; others-19
- item 8 : level of current attendance :** primary (class I to IV/ V)-07, upper primary/middle-08, secondary-10, higher secondary-11; diploma or certificate (below graduate level) in: agriculture -21, engineering/ technology-22, medicine -23, crafts -24, other subjects-29; diploma or certificate (graduate and above level) in: agriculture-31, engineering/ technology-32, medicine-33, crafts-34, other subjects -39; Graduation level degree courses in: agriculture-41, engineering/ technology-42, medicine-43, crafts-44 , other subjects -49; Post-graduation and above degree courses in: agriculture-51, engineering/ technology-52, medicine-53, crafts-54 , other subjects -59;
- items 9 & 10: present class/grade/year of study( class/grade/year of study in the previous year/academic session):** class-I-X: 01-10; beyond X: 10+ no. of years of study
- item 11: type of institution:** government-1, local body-2, private aided-3, private un-aided-4, not known-5
- item 12: nature of institution:** recognised -1; unrecognised-2, not known-3
- item 13: medium of instruction:** Hindi -01, English-02, Assamese-03, Bengali -04, Bodo -05, Dogri -06, Gujarati -07, Kannada -08, Kashmiri -10, Konkani -11, Maithili -12, Malayalam -13, Manipuri -14, Marathi -15, Nepali -16, Oriya -17, Punjabi -18, Sanskrit -20, Santhali -21, Sindhi -22, Tamil -23, Telugu -24, Urdu -25, , others-29
- item 14: type of course:** part time-1, full time-2, distance learning-3
- item 16: whether tuition fee waived :** yes: fully -1, partly-2 ; no-3
- item 18 : reason for waiver:** ST-1, SC-2, OBC-3, handicapped-4, merit-5, financially weak-6, others -9
- item 21: reason for receiving benefits:** ST-1, SC-2, OBC-3, handicapped-4, merit-5, financially weak-6, others -9
- items 22 & 23: received text-books / stationery:** all free-1, some free-2, all subsidised-3, some subsidised-4, some free and some subsidised -5; no-6
- item 26: distance(d) of the institution from the place of residence:**  $d < 1\text{km}$  :1;  $1\text{km} \leq d < 2\text{ kms}$  :2;  $2\text{km} \leq d < 3\text{ kms}$  :3;  $3\text{km} \leq d < 5\text{ kms}$  :4;  $d \geq 5\text{ kms}$ : 5
- item 27: mode of transport:** on foot-1, school/institution bus-2, public transport-3, bicycle-4, others-9
- item 29: changed educational institution during last one year?** no-1, yes: govt. to private-2, private to govt-3, govt to govt-4, private to private-5

<b>[6] particulars of private expenditure for those aged 5-29 years who are currently attending at primary level and above</b>			(1)	(2)	(3)	(4)	(5)
1.	serial no. [as in col.1,block 4]						
2.	age (years) [ as in col. 5,block 4]						
<b>For course no. 1 in item 5, bl. 5</b>							
3.	tuition fee						
4.	examination fee						
5.	other fees & payments						
6.	books						
7.	stationery						
8.	uniform						
9.	transport						
10.	private coaching						
11.	other expenditure						
12.	<b>total expenditure on course no. 1[ items 3 to 11] (in Rs.)</b>						
13.	<b>total expenditure on course no. 2 in item 5, bl. 5 (in Rs.)</b>						
14.	<b>total expenditure on all other courses (in Rs.)</b>						
15.	<b>grand total [item 12+13+14] (in Rs.)</b>						
16.	whether given any donation (yes-1, no-2)						
<i>If code 1 in item 16</i>	17.	amount paid (Rs.)					
	18.	agency to whom paid (code)					

**CODES FOR BLOCK 6**

*item.18 : agency to whom paid: institution/management-1, other organisation-2, individuals-3*

[7] particulars of currently not attending persons aged 5-29 years						(1)	(2)	(3)	(4)	(5)	
1.	serial no. [as in col.1,block 4]										
2.	age (years) [ as in col. 5, block 4]										
3.	whether ever enrolled( yes-1, no-2)										
If '1' in item 3, details of last enrolment	4.	age at first enrolment in school (years)									
	5.	level (code)									
	6.	type of education (code)									
	7.	whether completed? ( yes-1, no-2)									
		for class X and below	8.	grade/class completed before dropping/ discontinuance							
	9.	age when discontinued/dropped									
10.	type of institution last attended (code)										
11.	reason for never enrolling/ discontinuing/ dropping out (code)										
12.	usual principal activity status ( code)										

#### CODES FOR BLOCK 7

item 5: **level:** enrolled in :NFEC/ AIEP-03, TLC/AEC-04, other non-formal -05; formal schooling including EGS: below primary -06, primary -07, upper primary/middle -08, secondary -10, higher secondary -11, diploma/certificate course -12, graduate -13, postgraduate and above -14

item 6: **type of education:** general-1, professional/technical-2, vocational-3

item 10: **type of institution last attended :** Govt-1, local body-2, private aided-3, private unaided -4, not known-5

item 11: **reason for never enrolling / discontinuing / dropping out:**

parent not interested in studies	...01	<b>applicable for "never enrolled" cases only</b>	No tradition in the community	...13
inadequate number of teachers	...02		education not considered necessary	...14
school is far off	...03	<b>applicable for "ever enrolled" cases only</b>	child not interested in studies	...15
to work for wage/salary	...04		unable to cope up or failure in studies	...16
for participating in other economic activities	...05		unfriendly atmosphere at school	...17
to look after younger siblings	...06		completed desired level/class	...18
to attend other domestic chores	...07	<b>applicable for female students only</b>	non-availability of lady teacher	...20
financial constraints	...08		non-availability of ladies toilet	...21
timings of educational institution not suitable	...10		others	...29
for helping in household enterprises	...11			
Language/medium of instruction used unfamiliar	...12			

item 12: **usual principal activity status:**

worked in h.h. enterprise (self-employed):own account worker -11, employer-12, worked as helper in h.h. enterprise (unpaid family worker) -21; worked as regular salaried/ wage employee -31, worked as casual wage labour: in public works -41, in other types of work -51; did not work but was seeking and/or available for work -81, attended educational institution -91, attended domestic duties only -92, 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, renters, pensioners, remittance recipients, etc. -94, not able to work due to disability -95, others (including begging, prostitution, etc.) -97